

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064080.D
 Acq On : 12 Oct 2020 16:11
 Operator : JC/MD
 Sample : VN1012WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 4:09:45 PM

Quant Time: Oct 13 01:46:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	199052	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.55	113	142423	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.06	98	522010	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.38	95	187923	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	40527	15.614	ug/l	99
3) Chloromethane	2.04	50	53725	17.641	ug/l	98
4) Vinyl Chloride	2.16	62	52582	17.201	ug/l	96
5) Bromomethane	2.53	94	34676	18.034	ug/l	99
6) Chloroethane	2.67	64	34672	18.981	ug/l	97
7) Trichlorofluoromethane	2.98	101	84928	17.517	ug/l	97
8) Diethyl Ether	3.38	74	31756	19.367	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45335	17.495	ug/l	98
10) Methyl Iodide	3.91	142	52564	17.470	ug/l	99
11) Tert butyl alcohol	4.73	59	55751	124.264	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	43651	17.623	ug/l	97
13) Acrolein	3.57	56	26106	94.808	ug/l	97
14) Allyl chloride	4.28	41	95362	20.723	ug/l	88
15) Acrylonitrile	4.93	53	146971	114.443	ug/l	98
16) Acetone	3.78	43	152464	121.879	ug/l	95
17) Carbon Disulfide	4.01	76	116054	17.793	ug/l	100
18) Methyl Acetate	4.28	43	80184	24.688	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	173393	19.268	ug/l	94
20) Methylene Chloride	4.51	84	57556	20.146	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	49096	17.696	ug/l	97
22) Diisopropyl ether	5.90	45	202386	21.376	ug/l	94
23) Vinyl Acetate	5.85	43	801104	102.147	ug/l	99
24) 1,1-Dichloroethane	5.80	63	106753	19.720	ug/l	98
25) 2-Butanone	6.79	43	218826	123.384	ug/l	99
26) 2,2-Dichloropropane	6.78	77	88710	17.894	ug/l	95
27) cis-1,2-Dichloroethene	6.79	96	60244	18.880	ug/l	98
28) Bromochloromethane	7.15	49	54411	20.336	ug/l	93
29) Tetrahydrofuran	7.17	42	142339	119.663	ug/l	95
30) Chloroform	7.33	83	109381	19.379	ug/l	94
31) Cyclohexane	7.61	56	83640	17.729	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	97722	19.195	ug/l	97
36) 1,1-Dichloropropene	7.75	75	72823	17.592	ug/l	99
37) Ethyl Acetate	6.88	43	88982	21.637	ug/l	98
38) Carbon Tetrachloride	7.73	117	84692	18.246	ug/l	91

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Quant Time: Oct 13 01:46:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65425	15.849	ug/l	97
40) Benzene	8.00	78	223380	18.893	ug/l	100
41) Methacrylonitrile	7.13	41	32216m	17.626	ug/l	
42) 1,2-Dichloroethane	8.09	62	95212	18.865	ug/l	99
43) Isopropyl Acetate	8.13	43	142678	21.033	ug/l	99
44) Trichloroethene	8.80	130	54215	17.501	ug/l	99
45) 1,2-Dichloropropane	9.09	63	61591	19.289	ug/l	98
46) Dibromomethane	9.17	93	41730	18.944	ug/l	99
47) Bromodichloromethane	9.37	83	86126	18.972	ug/l	97
48) Methyl methacrylate	9.17	41	71262	21.263	ug/l	92
49) 1,4-Dioxane	9.17	88	21383	448.920	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	459682	115.472	ug/l	100
52) Toluene	10.12	92	139305	19.049	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	92132	18.933	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	97957	19.248	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	57216	19.509	ug/l	98
56) Ethyl methacrylate	10.40	69	80002	19.245	ug/l	94
57) 1,3-Dichloropropane	10.68	76	98333	19.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	227647	102.373	ug/l	98
59) 2-Hexanone	10.72	43	329058	111.272	ug/l	100
60) Dibromochloromethane	10.87	129	61826	18.102	ug/l	100
61) 1,2-Dibromoethane	10.98	107	58439	19.479	ug/l	100
64) Tetrachloroethene	10.60	164	48868	16.325	ug/l	95
65) Chlorobenzene	11.41	112	141581	17.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	59350	19.505	ug/l	100
67) Ethyl Benzene	11.49	91	253397	17.545	ug/l	100
68) m/p-Xylenes	11.60	106	188312	34.985	ug/l	98
69) o-Xylene	11.92	106	90144	17.918	ug/l	99
70) Styrene	11.94	104	151584	17.750	ug/l	98
71) Bromoform	12.10	173	43115	18.527	ug/l #	96
73) Isopropylbenzene	12.23	105	234633	18.421	ug/l	98
74) N-amyl acetate	12.05	43	111757	20.257	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84394	21.668	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	80417m	20.890	ug/l	
77) Bromobenzene	12.50	156	60079	19.223	ug/l	95
78) n-propylbenzene	12.57	91	272069	18.354	ug/l	99
79) 2-Chlorotoluene	12.65	91	172648	18.938	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	196704	18.408	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	27359	20.470	ug/l	97
82) 4-Chlorotoluene	12.75	91	178436	18.854	ug/l	99
83) tert-Butylbenzene	12.97	119	160786	18.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	192385	18.032	ug/l	97
85) sec-Butylbenzene	13.14	105	207438	18.069	ug/l	99
86) p-Isopropyltoluene	13.26	119	179829	17.706	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	105693	18.693	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	100735	17.111	ug/l	98
89) n-Butylbenzene	13.59	91	144674	15.434	ug/l	100
90) Hexachloroethane	13.85	117	36813	18.705	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	101286	18.086	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18663	20.432	ug/l	94

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Instrument :
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ClientSampleId :
VN1012WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	38684	13.998	ug/l	98
94) Hexachlorobutadiene	14.98	225	28610	18.883	ug/l	96
95) Naphthalene	15.10	128	120230	14.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41493	15.176	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

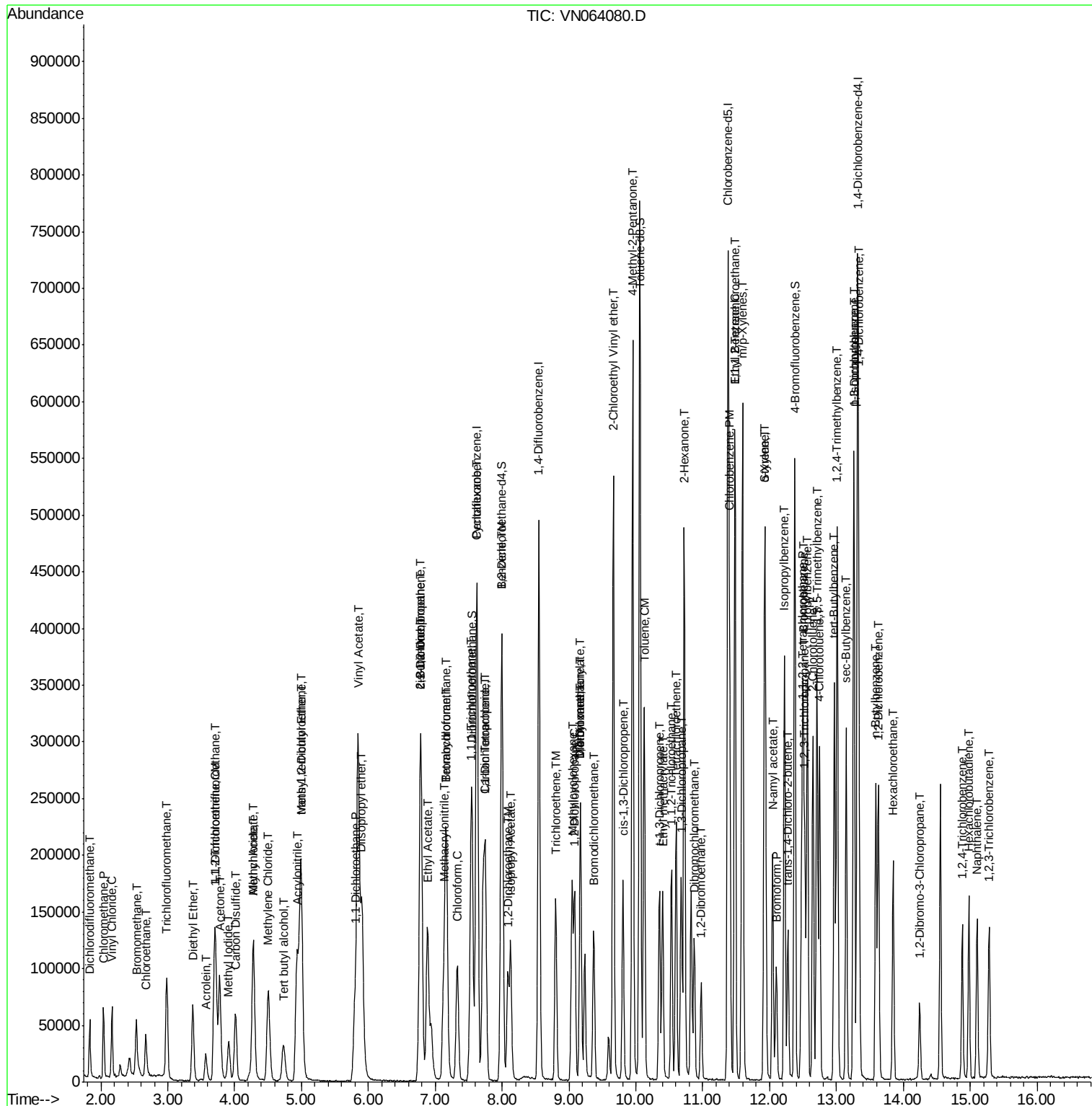
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Data File : VN064080.D
Acq On : 12 Oct 2020 16:11
Operator : JC/MD
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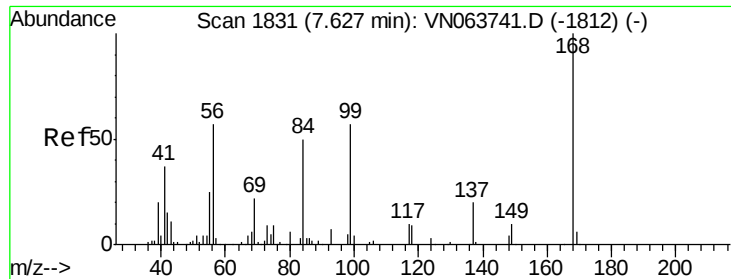
Instrument :
MSVOA_N
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tot Ion:168 Resp: 245978

Ion Ratio Lower Upper

168 100

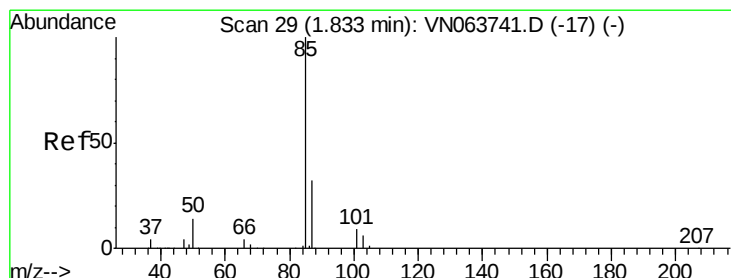
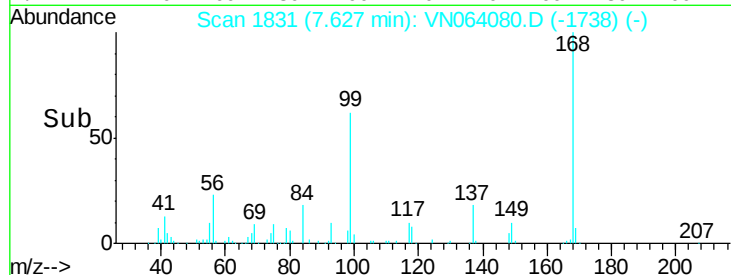
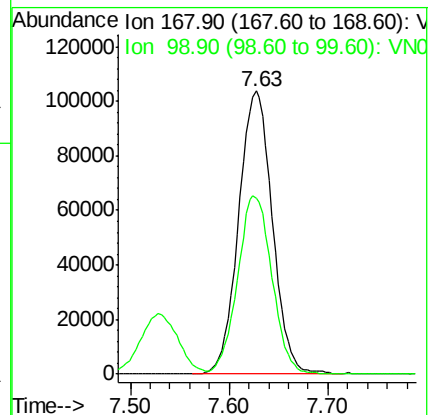
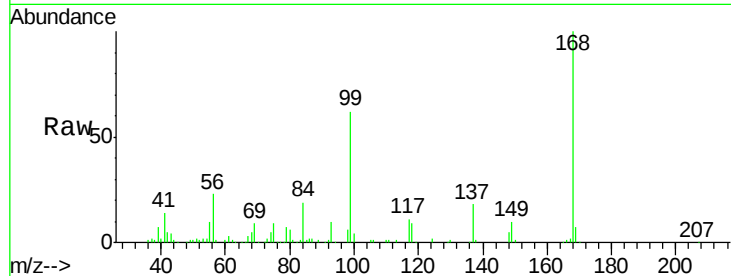
99 62.0 51.8 77.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 15.614 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064080.D

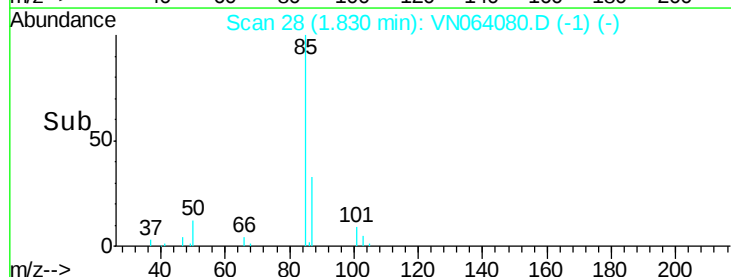
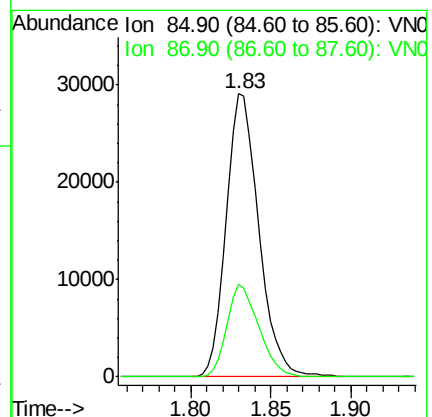
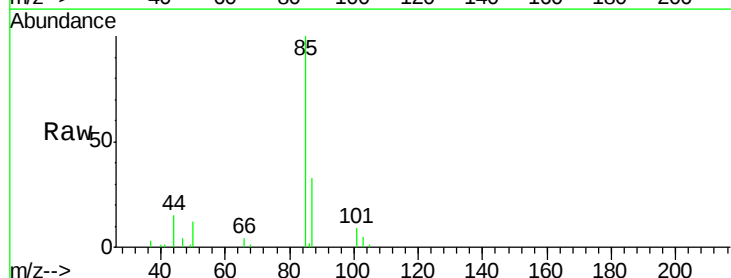
Acq: 12 Oct 2020 16:11

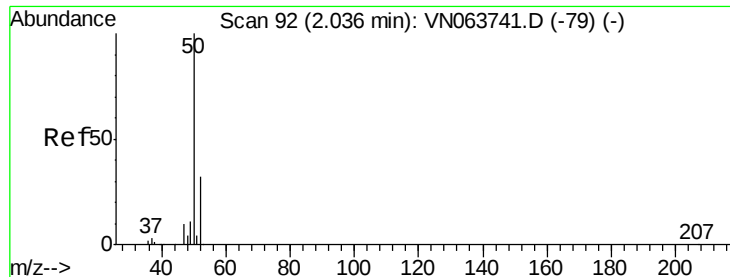
Tgt Ion: 85 Resp: 40527

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0





#3

Chloromethane

Concen: 17.641 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tot Ion: 50 Resp: 53725

Ion Ratio Lower Upper

50 100

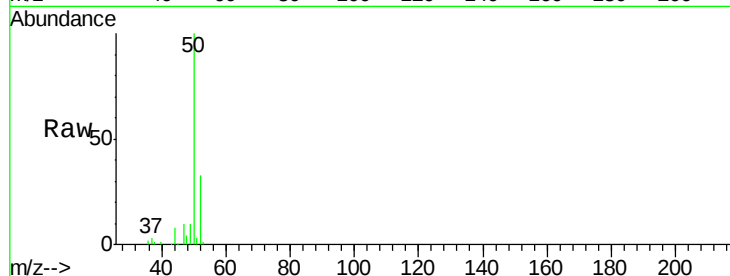
52 33.4 25.8 38.8

Manual Integrations

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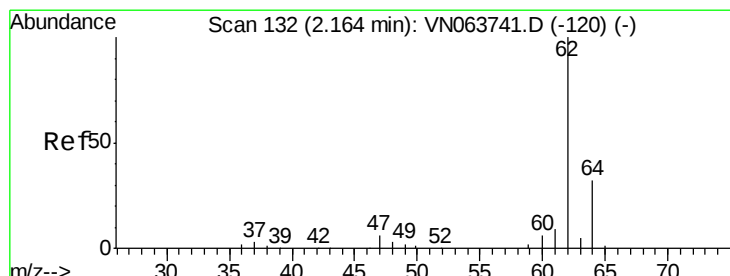
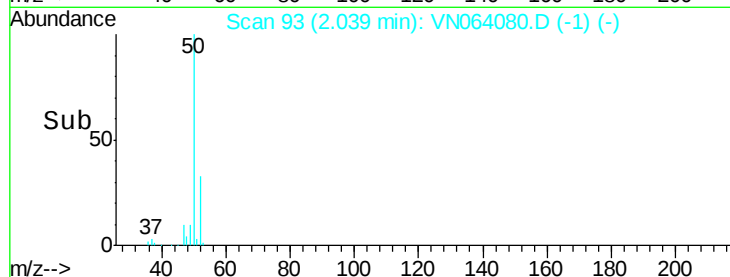
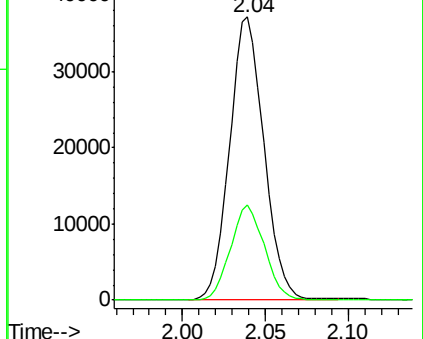
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.201 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064080.D

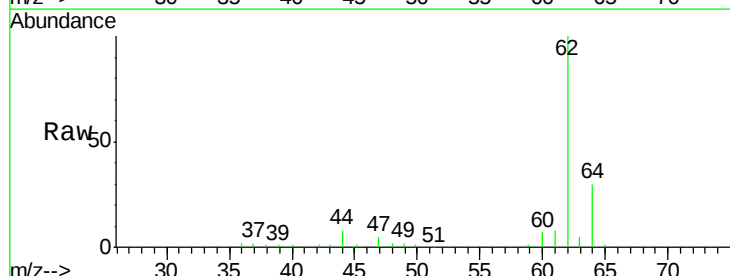
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Tgt Ion: 62 Resp: 52582

Ion Ratio Lower Upper

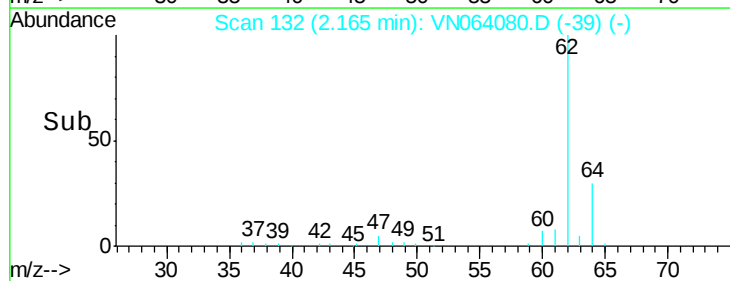
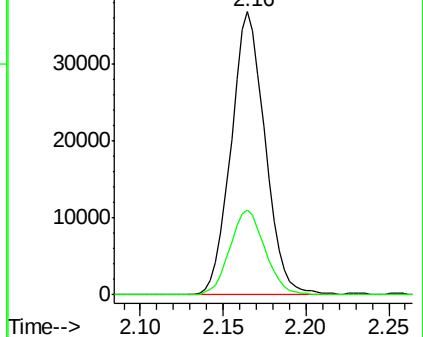
62 100

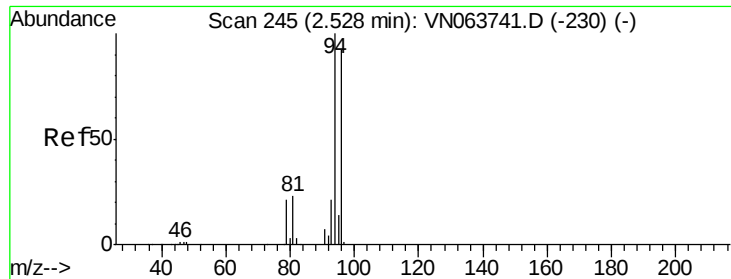
64 29.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.034 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tot Ion: 94 Resp: 34676

Ion Ratio Lower Upper

94 100

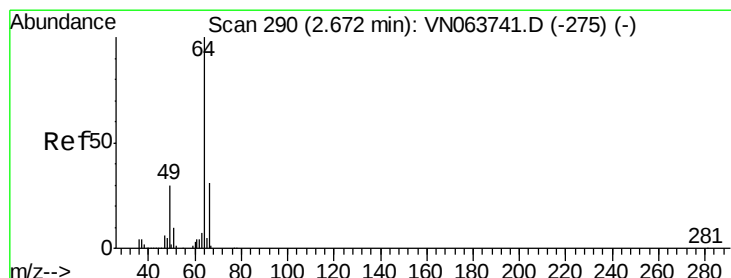
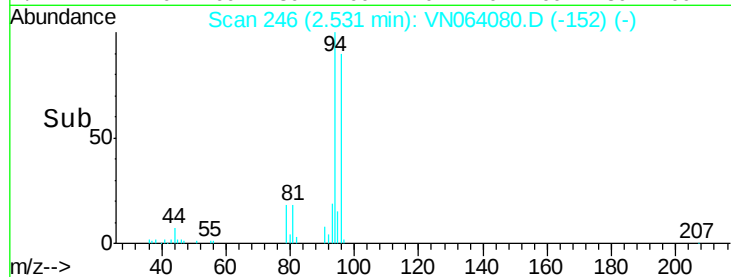
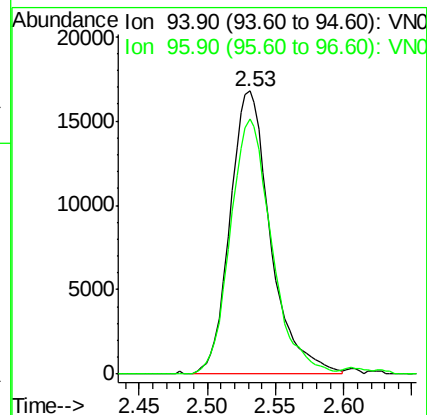
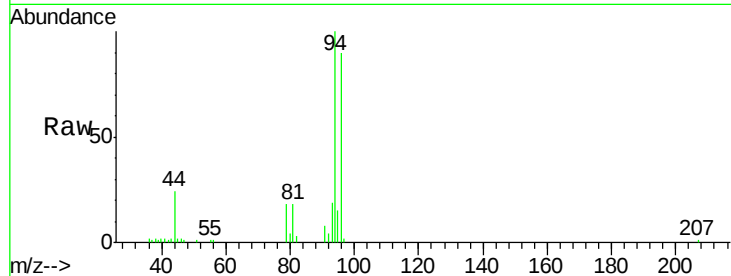
96 90.2 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 18.981 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064080.D

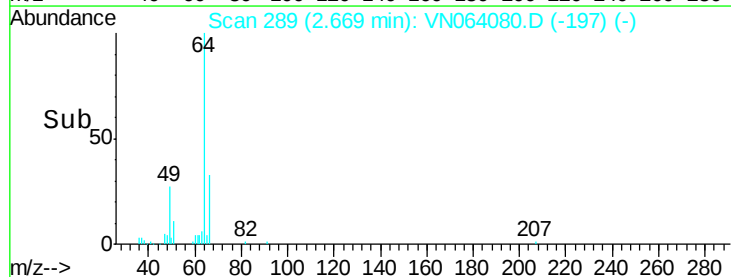
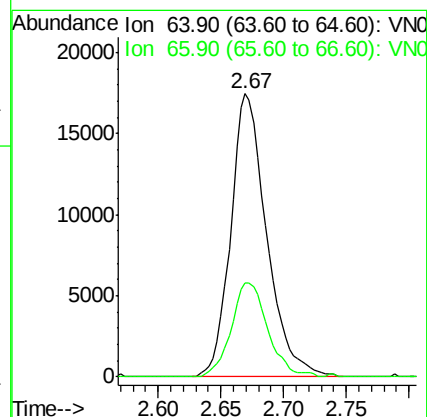
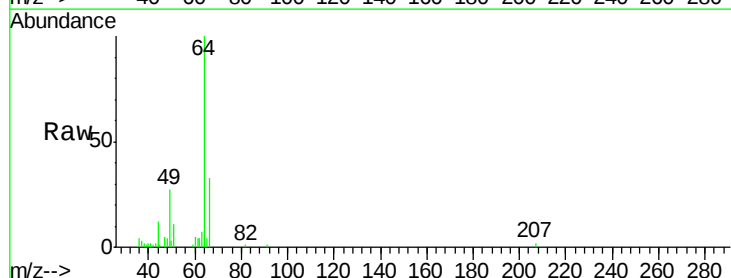
Acq: 12 Oct 2020 16:11

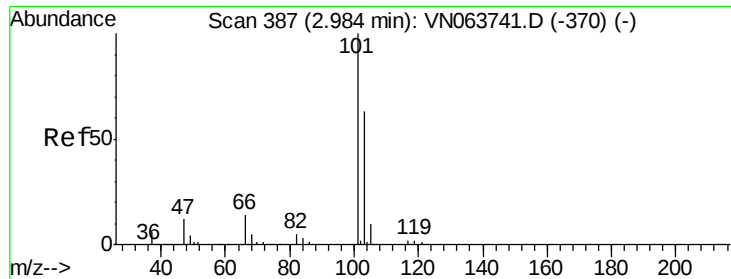
Tgt Ion: 64 Resp: 34672

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7





#7

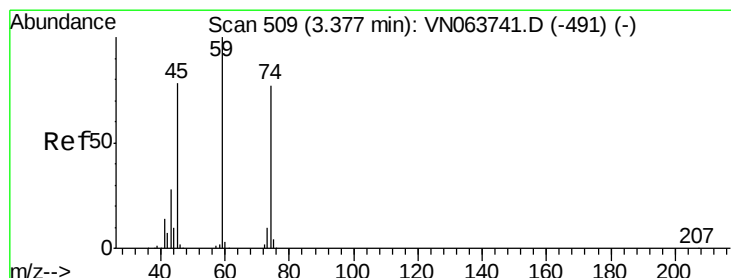
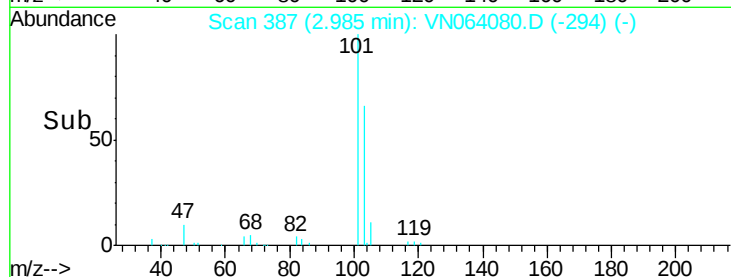
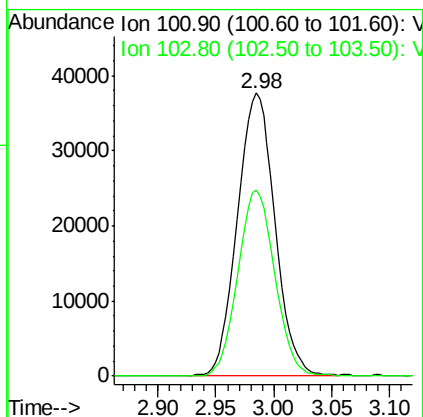
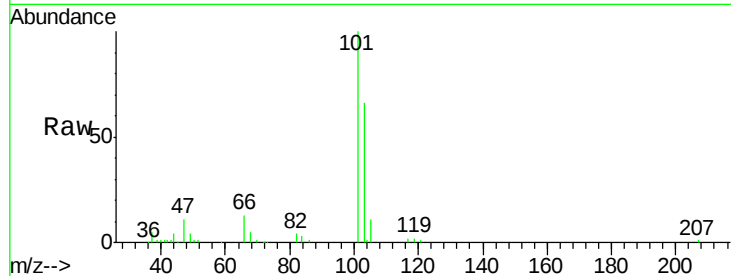
Trichlorofluoromethane
 Concen: 17.517 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
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 ClientSampleId :
 VN1012WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.7	76.1

Manual Integrations
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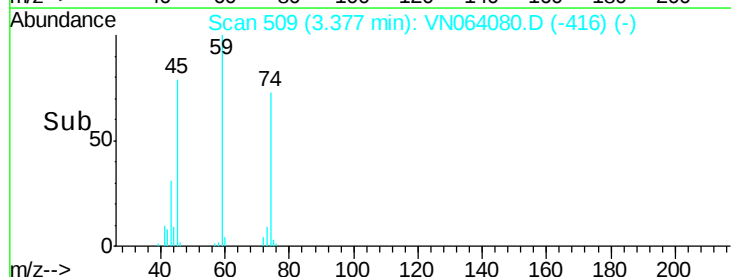
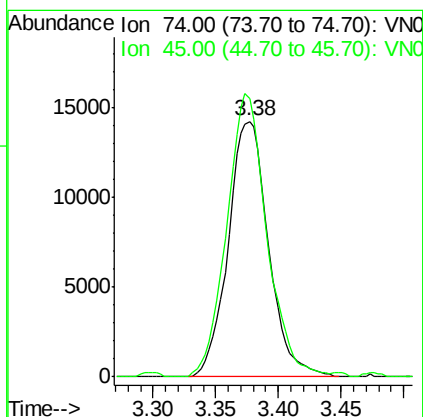
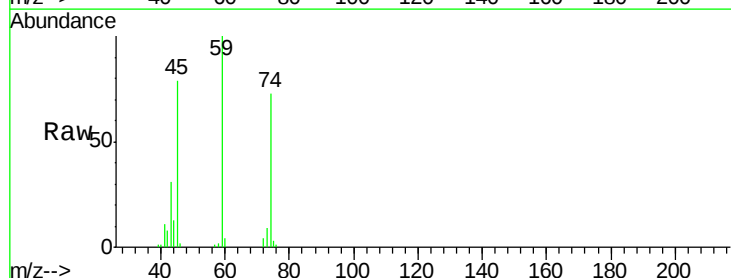
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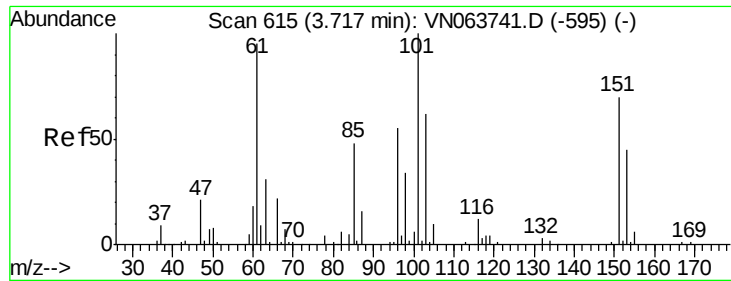


#8

Diethyl Ether
 Concen: 19.367 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.4	50.9	152.8





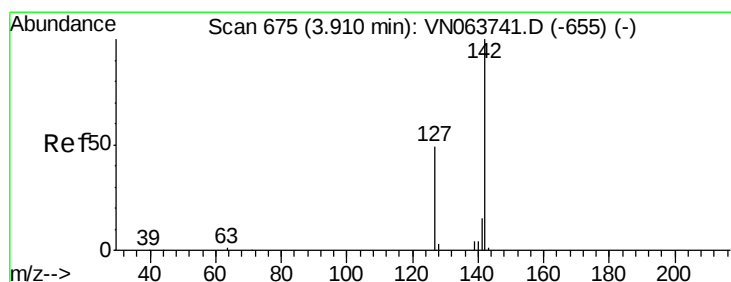
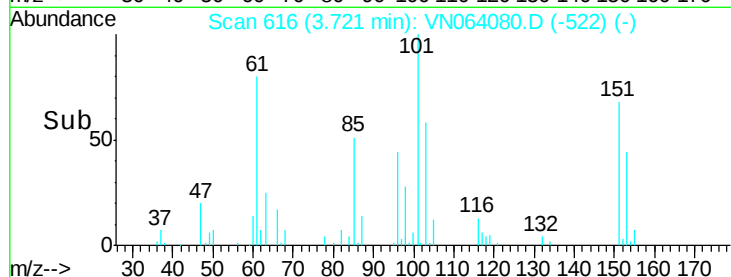
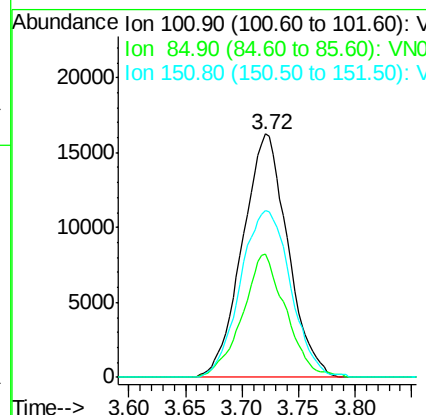
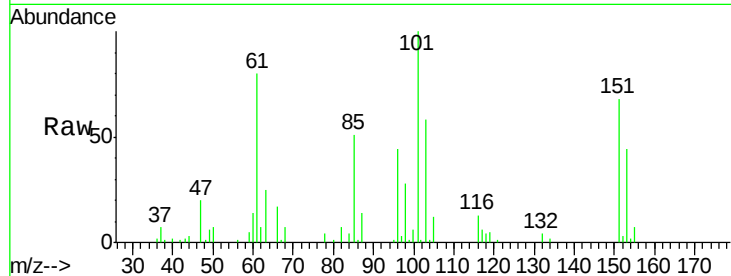
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.495 ug/l
RT: 3.72 min Scan# 616
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	48.8	38.6	58.0
151	75.7	58.7	88.1

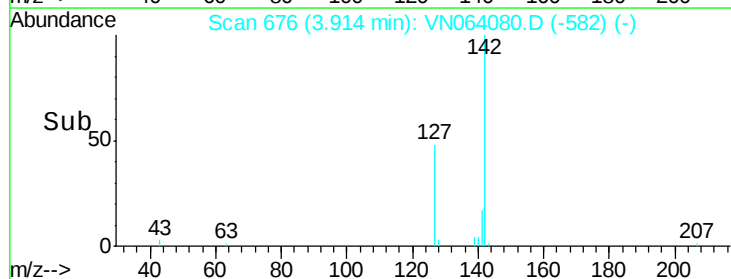
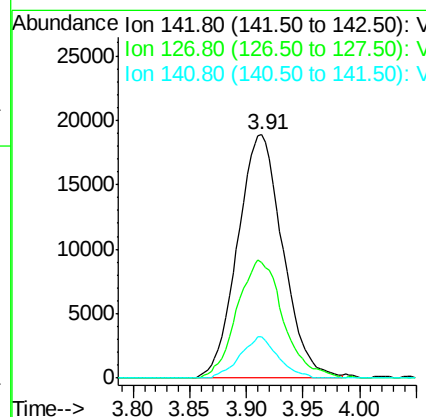
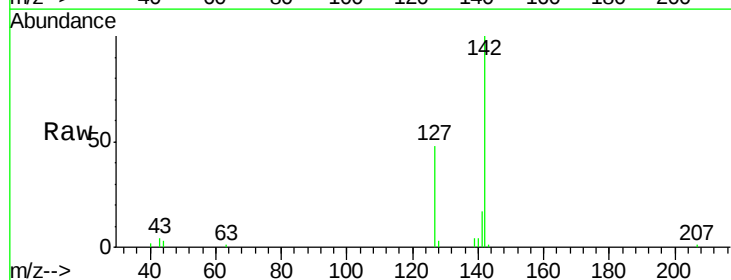
Manual Integrations
APPROVED

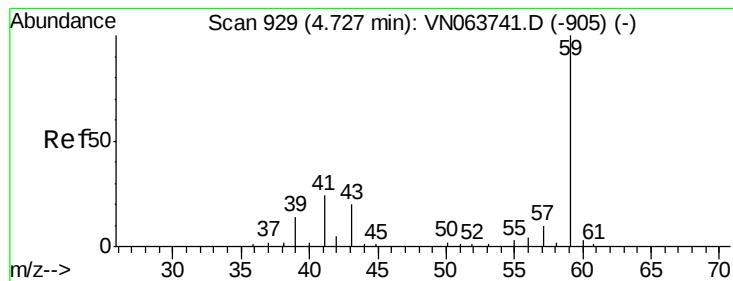
MMDadoda
10/13/2020 4:09:45 PM



#10
Methyl Iodide
Concen: 17.470 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.6	40.5	60.7
141	14.3	11.7	17.5





#11

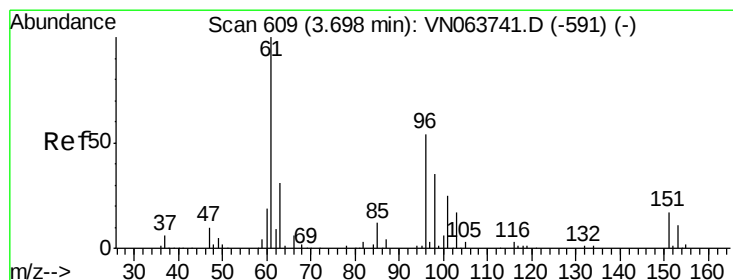
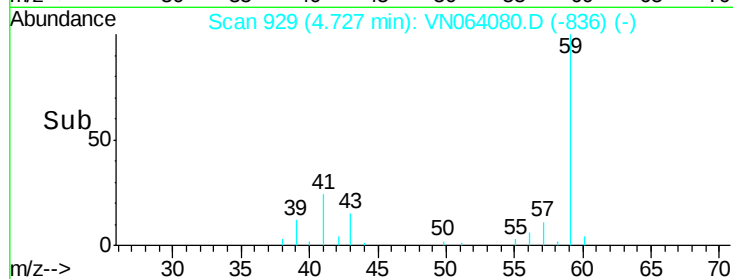
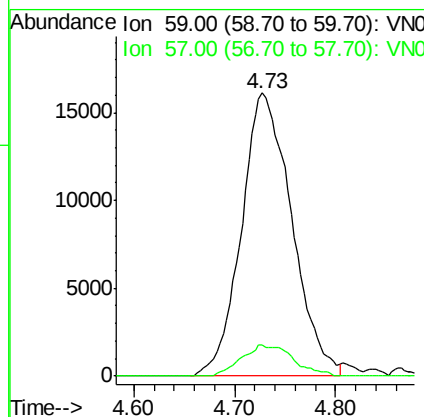
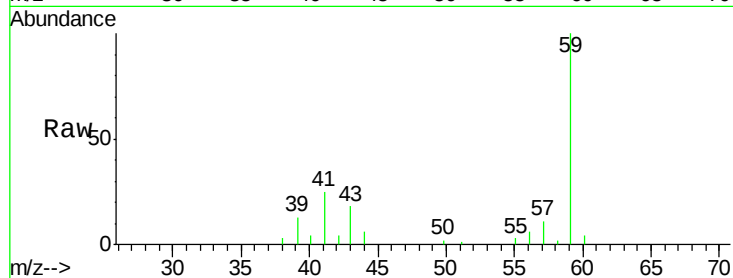
Tert butyl alcohol
Concen: 124.264 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	8.7	13.1#

Manual Integrations
APPROVED

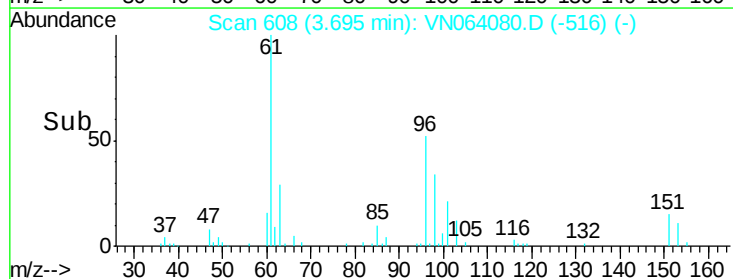
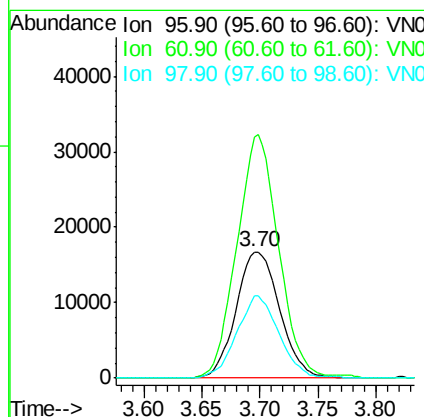
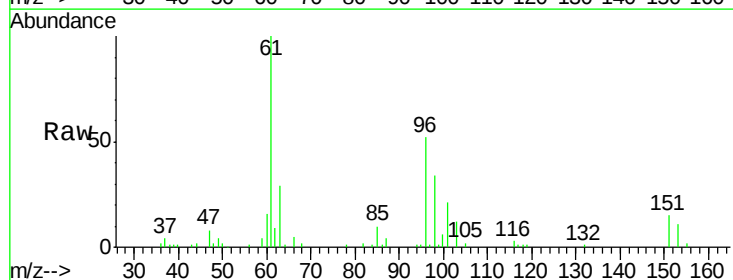
MMDadoda
10/13/2020 4:09:45 PM

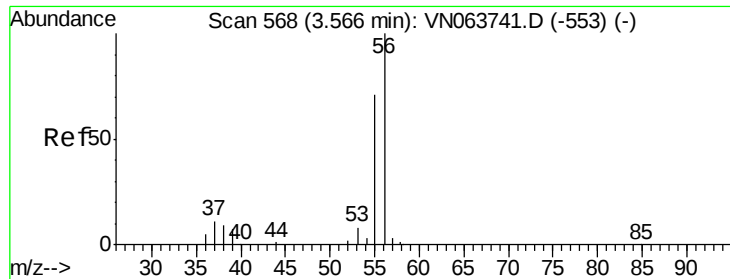


#12

1,1-Dichloroethene
Concen: 17.623 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	190.9	147.7	221.5
98	65.4	51.9	77.9





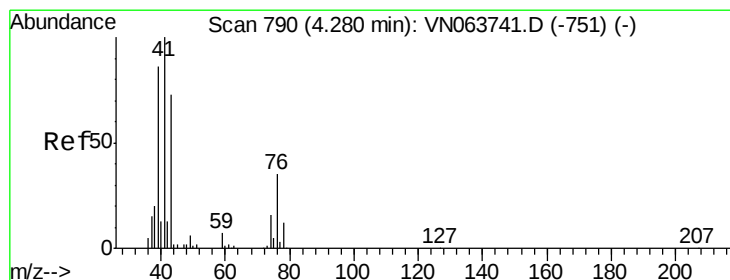
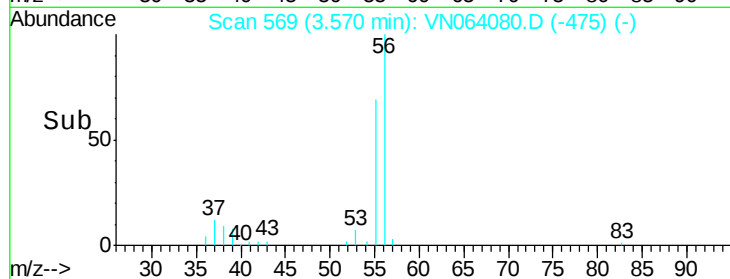
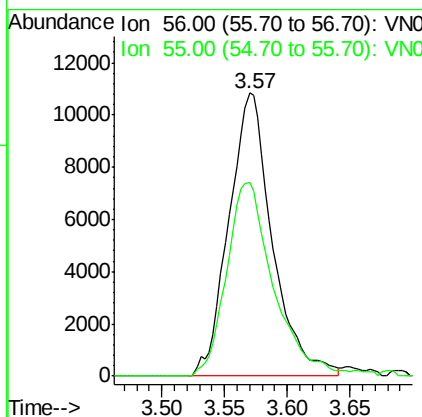
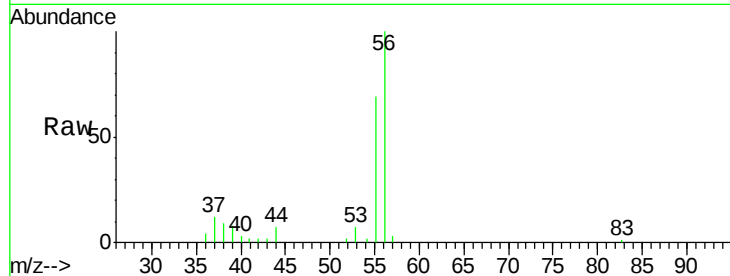
#13
Acrolein
Concen: 94.808 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	56	Resp	26106
Ion Ratio	100	Lower	Upper
56	100		
55	73.5	56.9	85.3

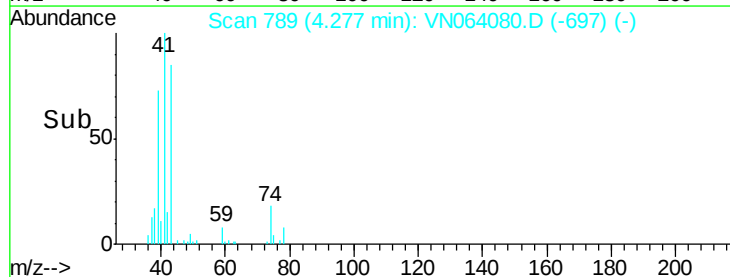
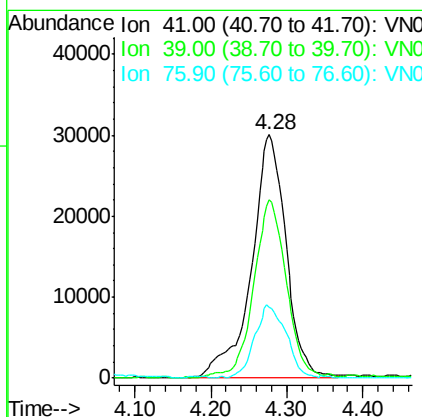
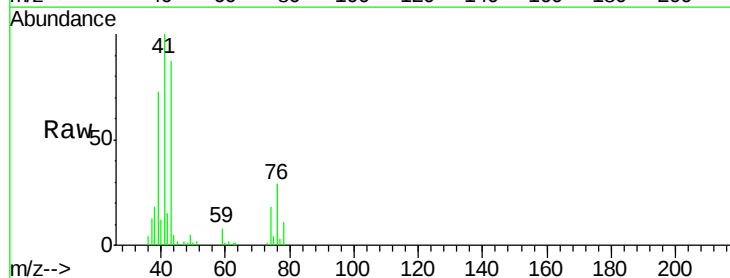
Manual Integrations
APPROVED

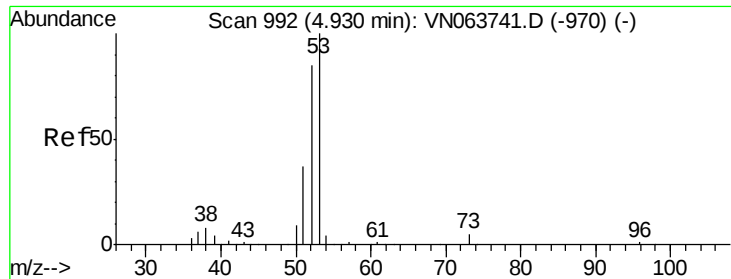
MMDadoda
10/13/2020 4:09:45 PM



#14
Allyl chloride
Concen: 20.723 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	41	Resp	95362
Ion Ratio	100	Lower	Upper
41	100		
39	68.9	64.5	96.7
76	27.2	25.9	38.9





#15

Acrylonitrile

Concen: 114.443 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

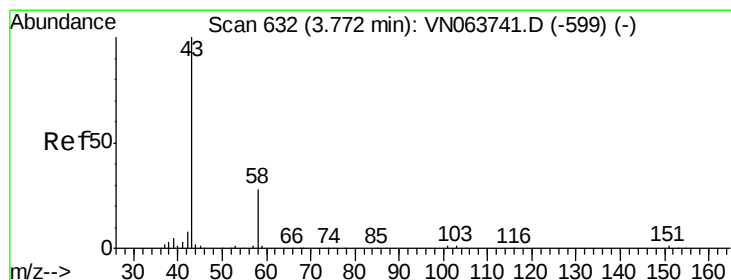
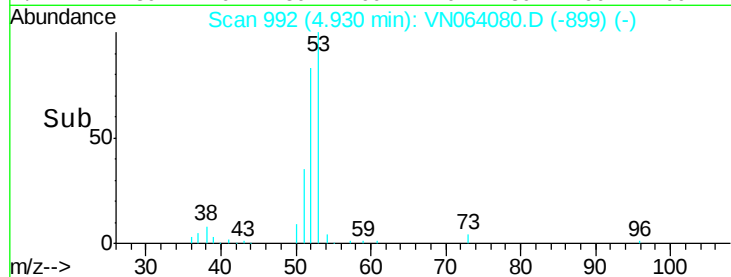
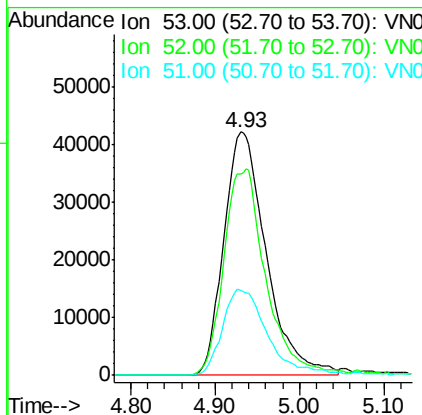
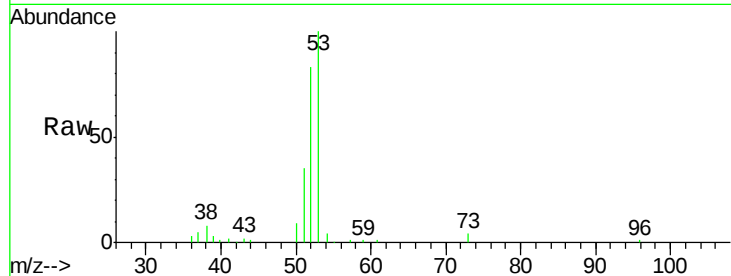
ClientSampleId :

VN1012WBS01

Tot Ion:	53	Resp:	146971
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.5	99.7
51	35.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 121.879 ug/l

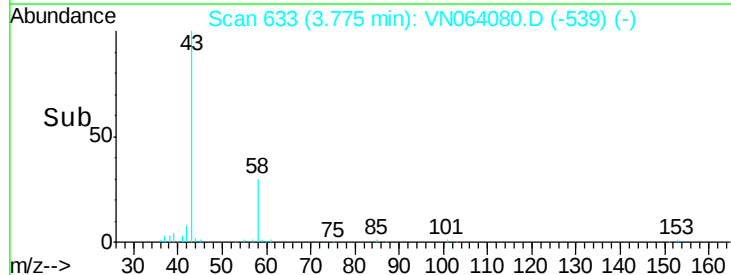
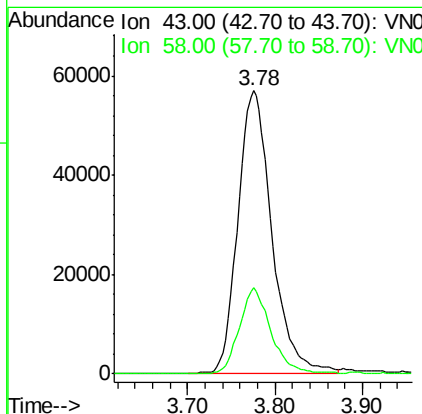
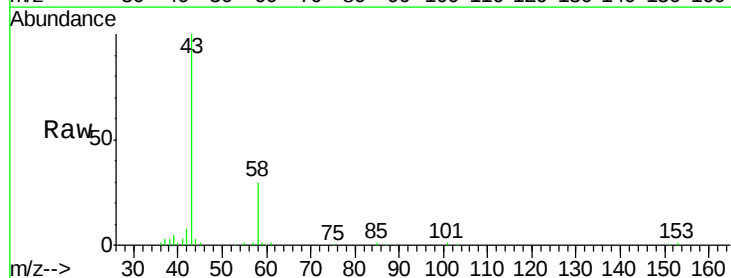
RT: 3.78 min Scan# 633

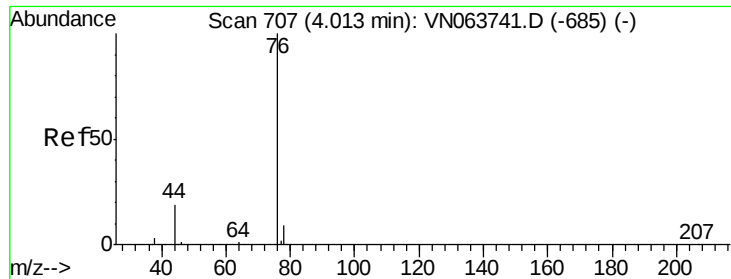
Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion:	43	Resp:	152464
Ion Ratio	Lower	Upper	
43	100		
58	30.4	22.3	33.5





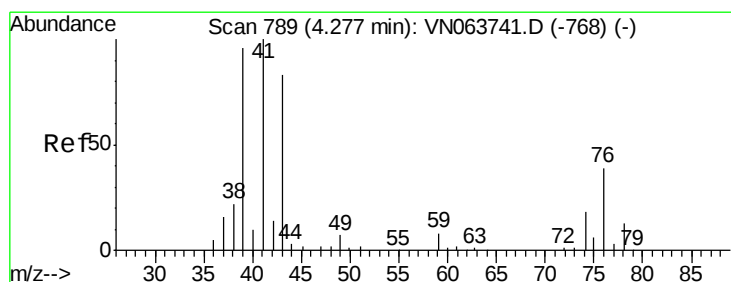
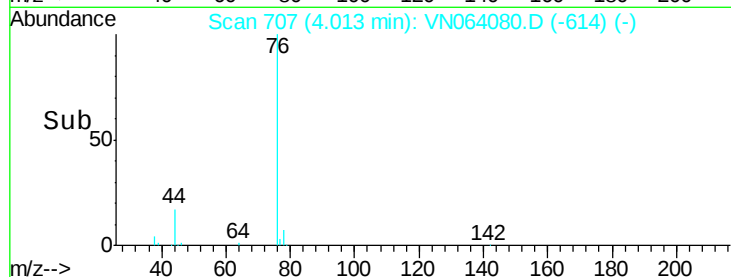
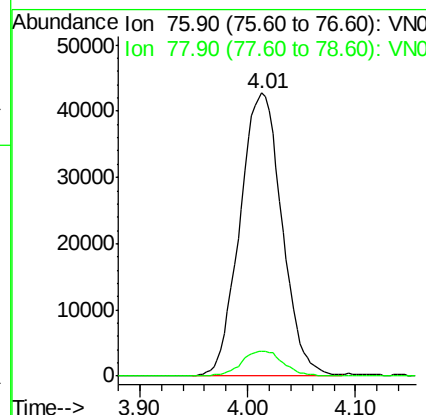
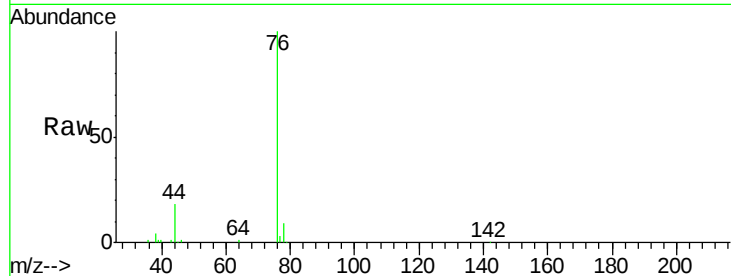
#17
Carbon Disulfide
Concen: 17.793 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

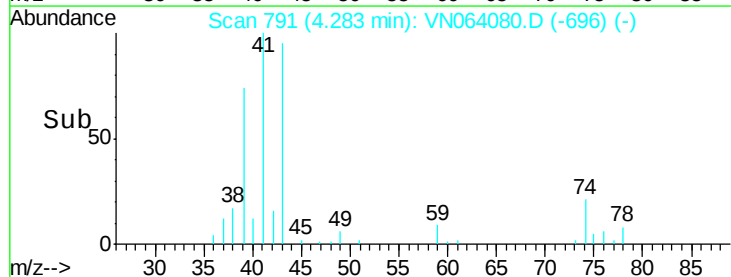
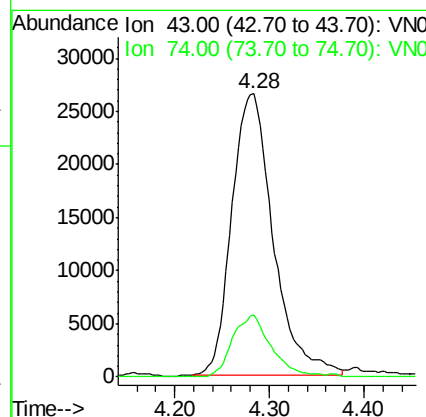
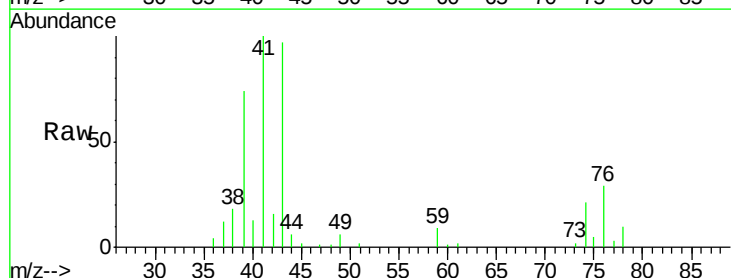
Manual Integrations
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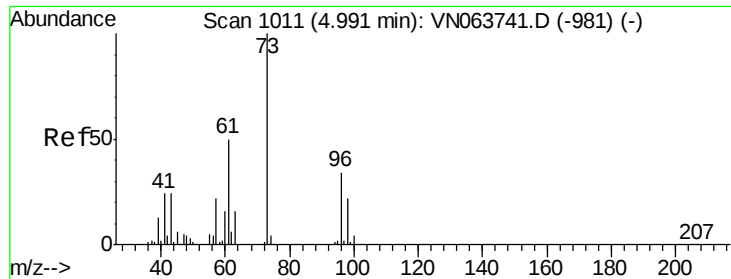
MMDadoda
10/13/2020 4:09:45 PM



#18
Methyl Acetate
Concen: 24.688 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	17.4	26.2





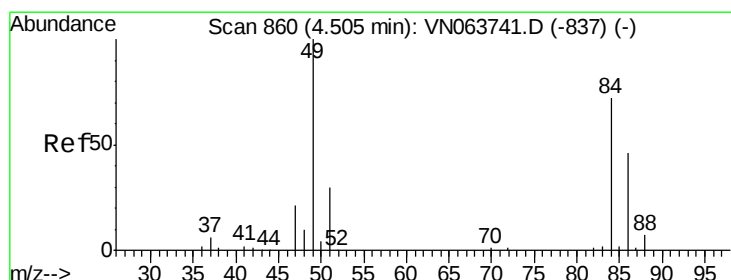
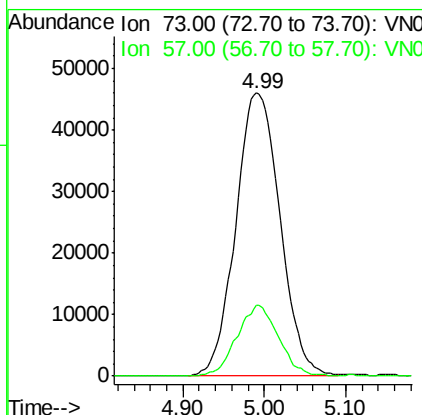
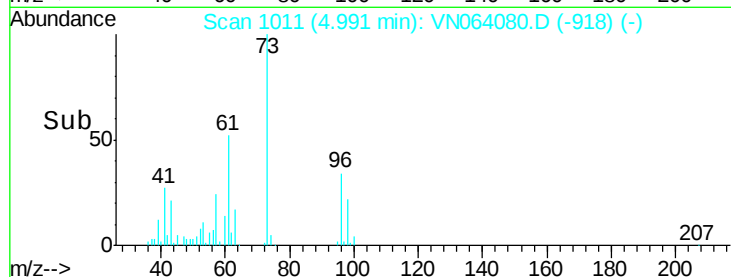
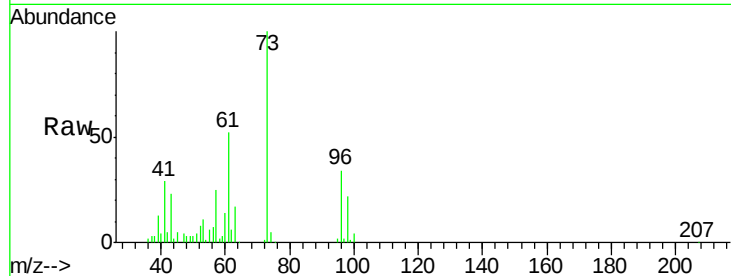
#19
Methyl tert-butyl Ether
Concen: 19.268 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion: 73 Resp: 173393
Ion Ratio Lower Upper
73 100
57 25.0 17.6 26.4

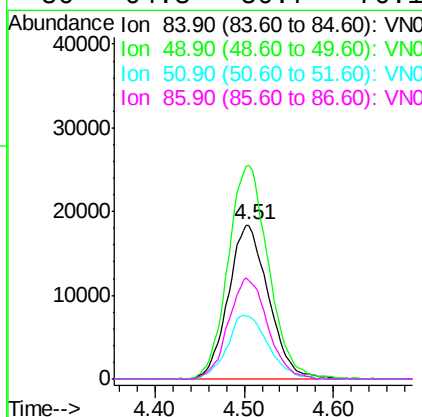
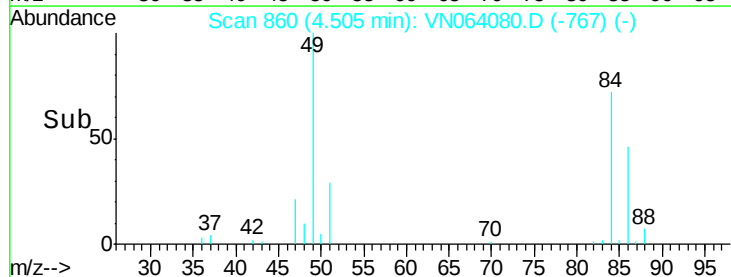
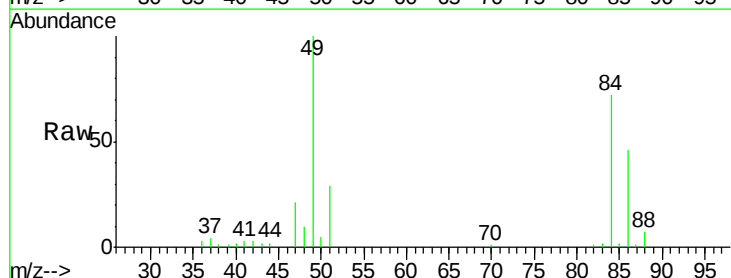
Manual Integrations
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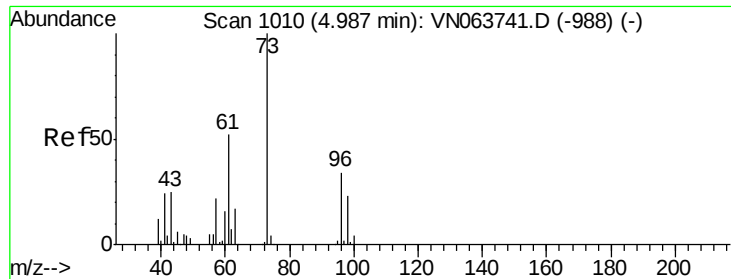
MMDadoda
10/13/2020 4:09:45 PM



#20
Methylene Chloride
Concen: 20.146 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 84 Resp: 57556
Ion Ratio Lower Upper
84 100
49 139.0 110.4 165.6
51 40.6 33.3 49.9
86 64.3 50.7 76.1





#21

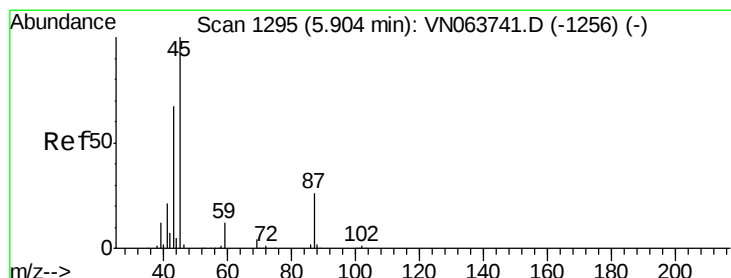
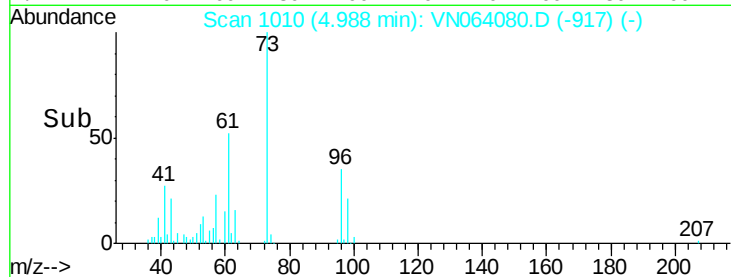
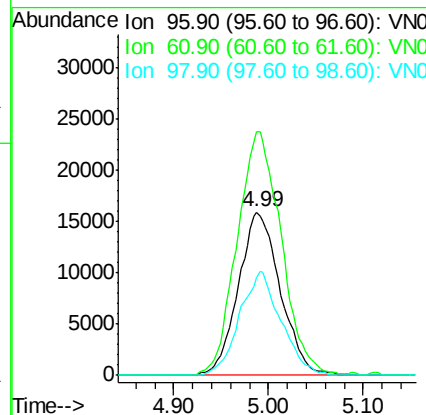
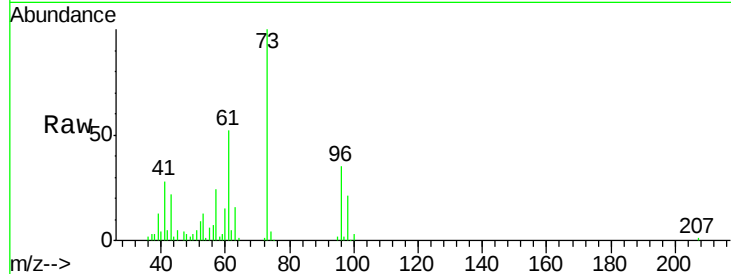
trans-1,2-Dichloroethene
Concen: 17.696 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	120.2	180.2
98	59.6	52.6	79.0

Manual Integrations
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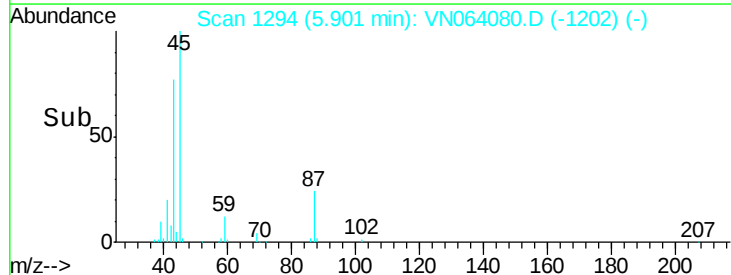
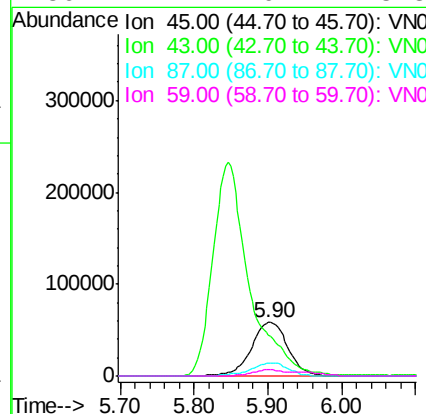
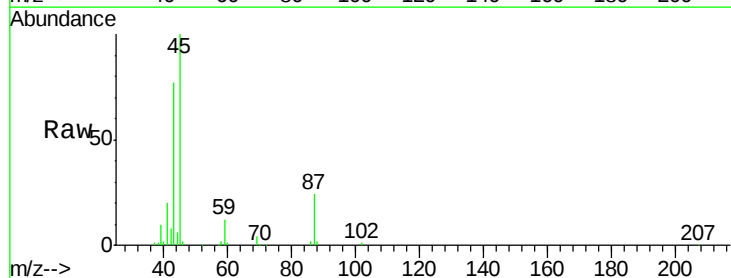
MMDadoda
10/13/2020 4:09:45 PM

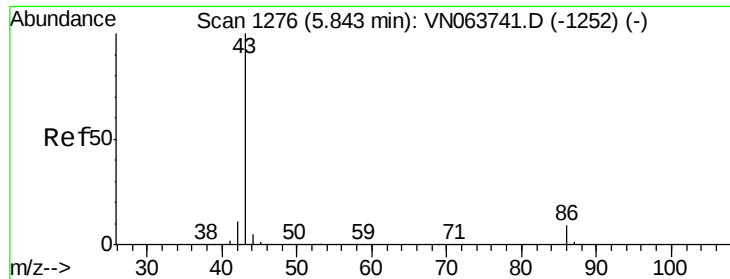


#22

Diisopropyl ether
Concen: 21.376 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.2	53.7	80.5
87	24.1	21.1	31.7
59	12.1	9.2	13.8





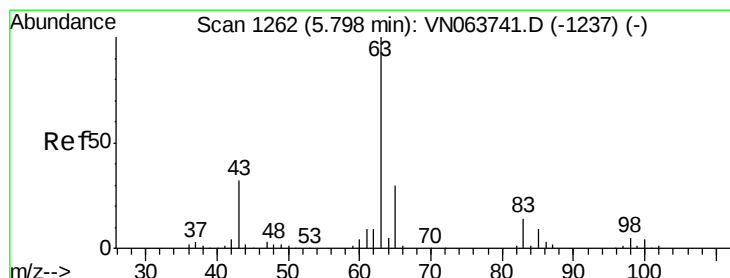
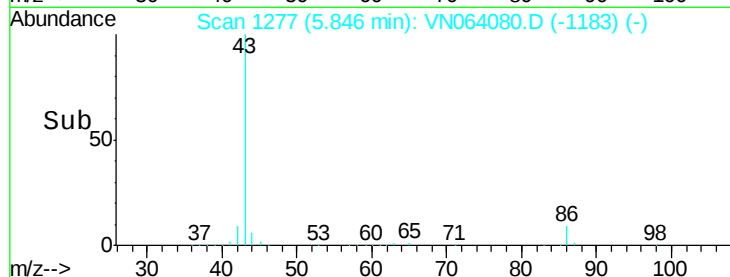
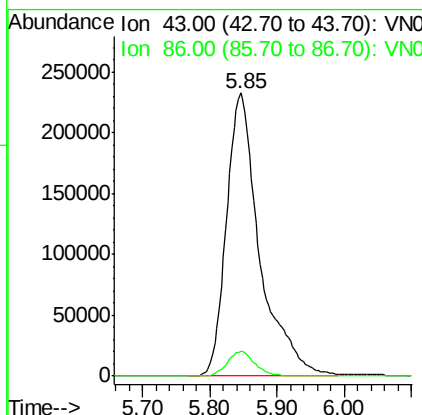
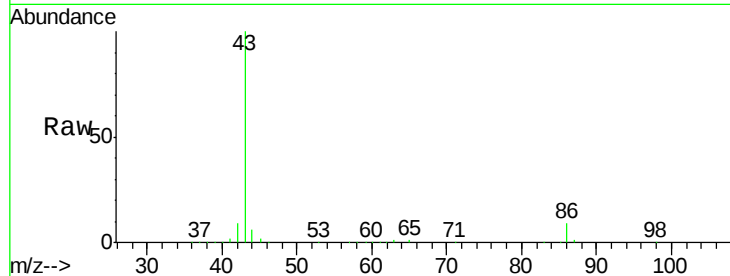
#23
 Vinyl Acetate
 Concen: 102.147 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1012WBS01

Tot Ion	43	Resp	801104
Ion Ratio	100	Lower	Upper
43	100		
86	8.7	7.3	10.9

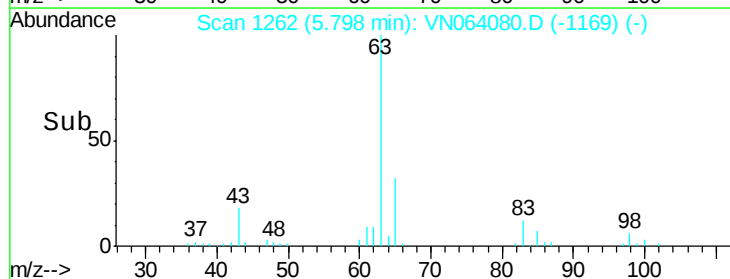
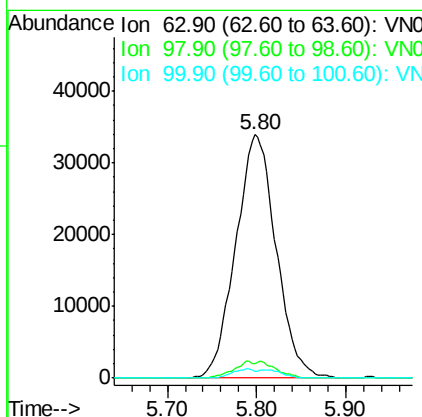
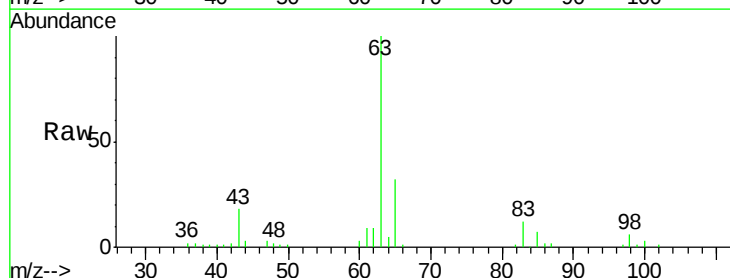
Manual Integrations
 APPROVED

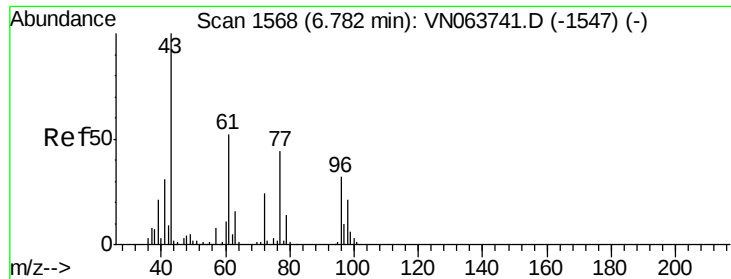
MMDadoda
 10/13/2020 4:09:45 PM



#24
 1,1-Dichloroethane
 Concen: 19.720 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	63	Resp	106753
Ion Ratio	100	Lower	Upper
63	100		
98	5.9	2.7	8.1
100	2.9	1.9	5.7





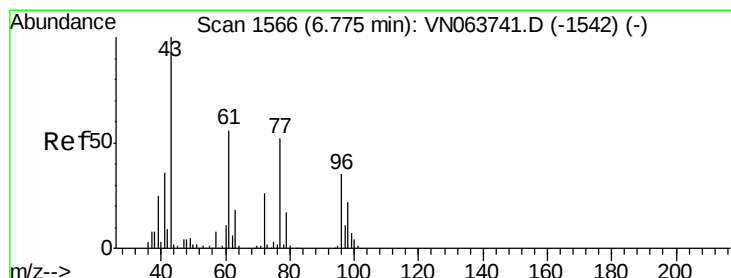
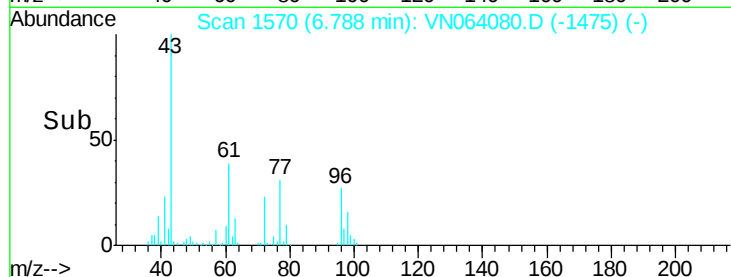
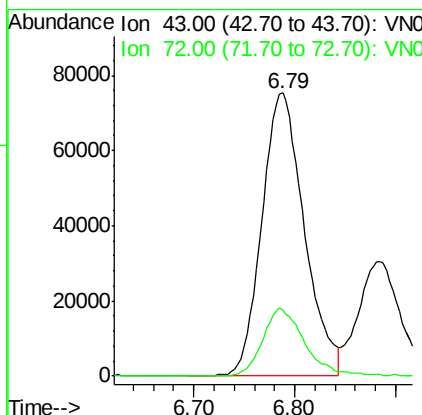
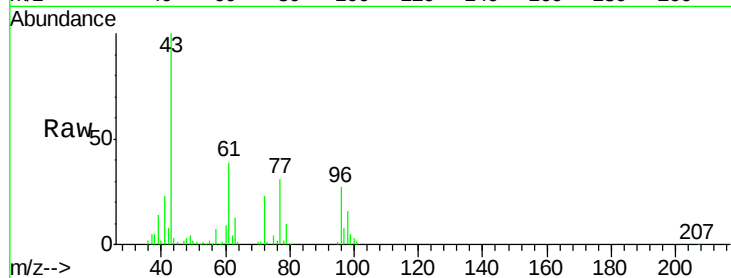
#25
2-Butanone
Concen: 123.384 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion: 43 Resp: 218826
Ion Ratio Lower Upper
43 100
72 23.5 19.3 28.9

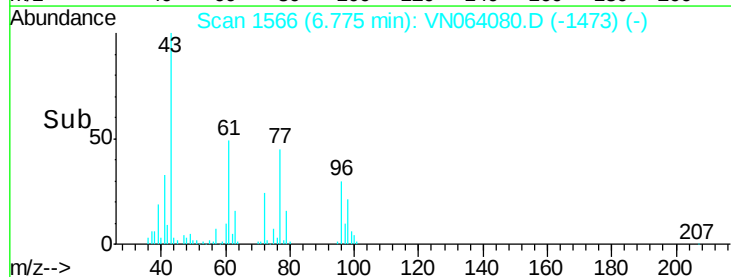
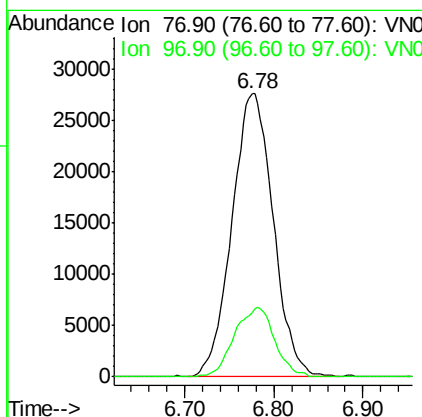
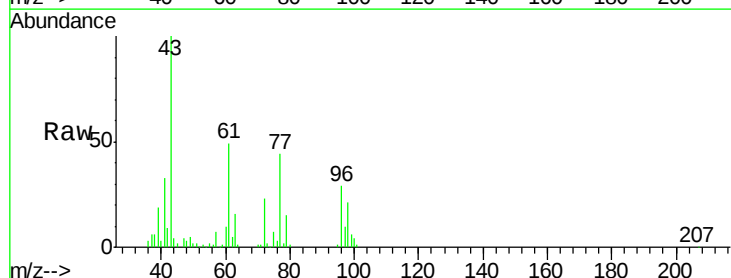
Manual Integrations
APPROVED

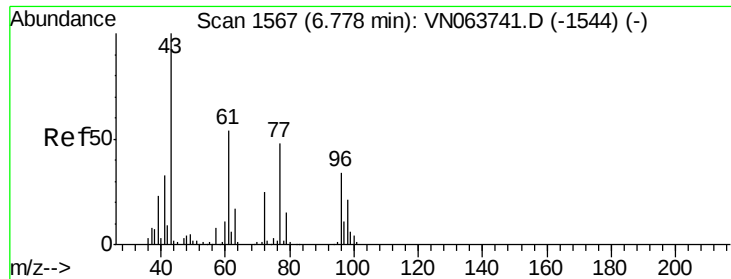
MMDadoda
10/13/2020 4:09:45 PM



#26
2,2-Dichloropropane
Concen: 17.894 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 77 Resp: 88710
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.880 ug/l

RT: 6.79 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

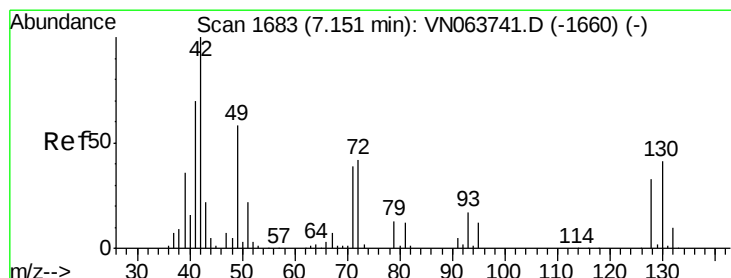
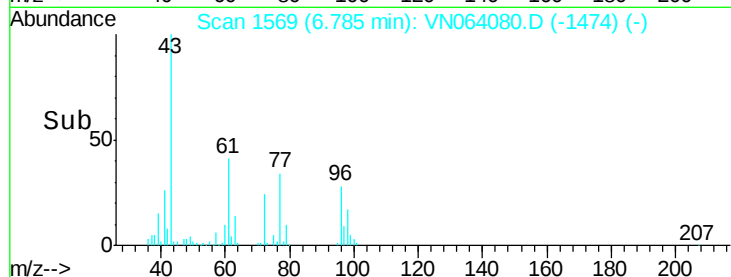
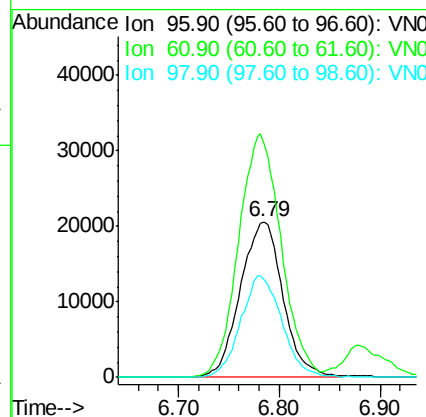
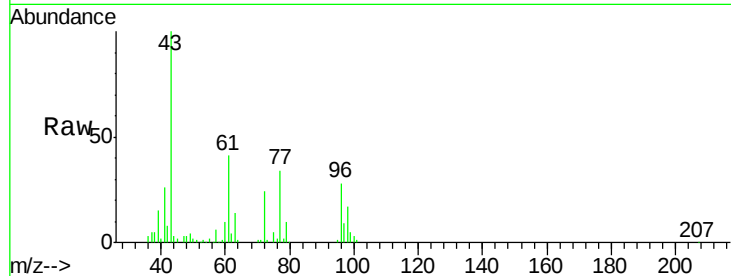
ClientSampleId :

VN1012WBS01

Tot Ion:	96	Resp:	60244
Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	321.2
98	63.1	0.0	124.4

Manual Integrations
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#28

Bromochloromethane

Concen: 20.336 ug/l

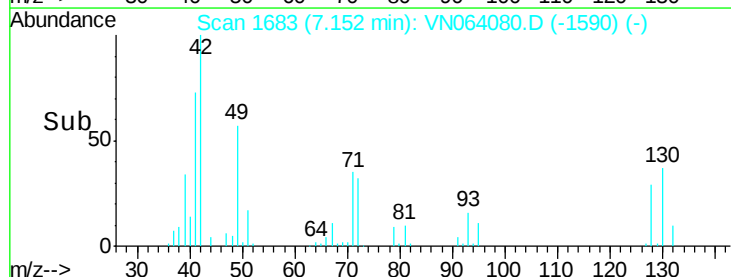
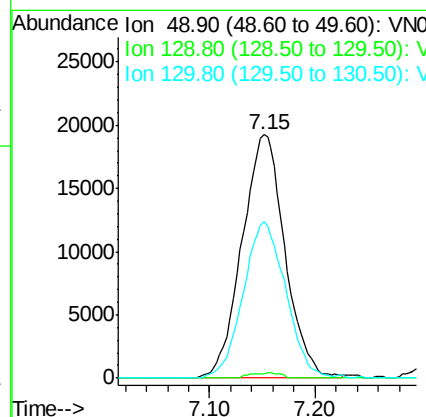
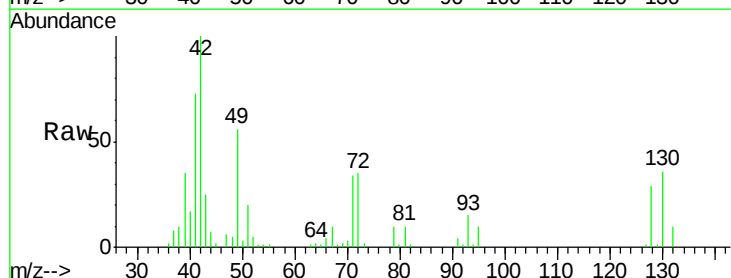
RT: 7.15 min Scan# 1683

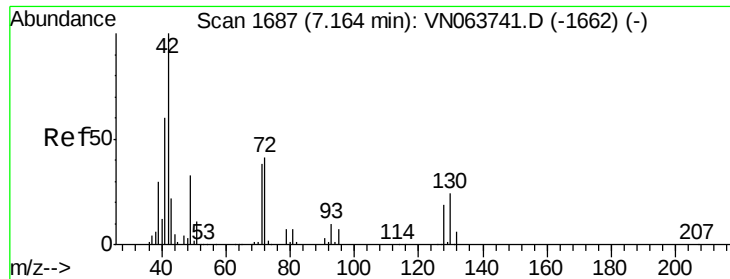
Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion:	49	Resp:	54411
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.8
130	63.6	55.6	83.4





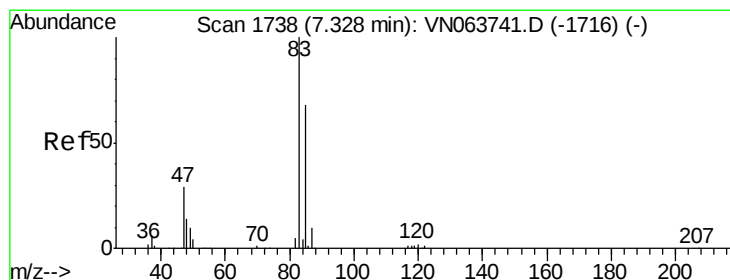
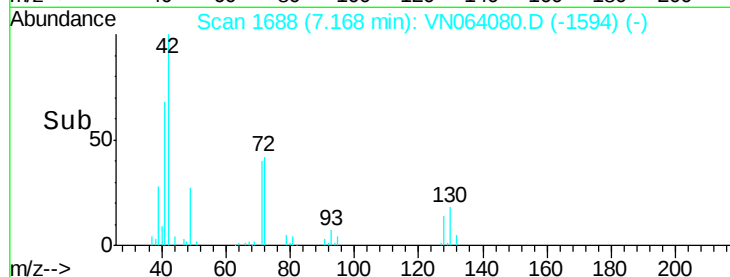
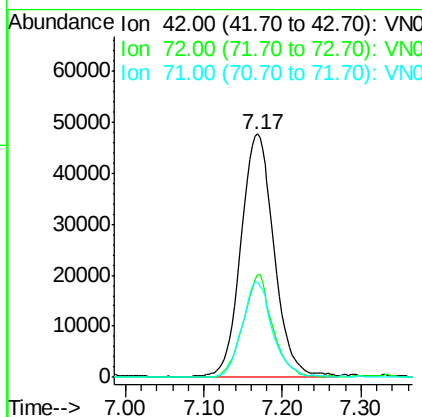
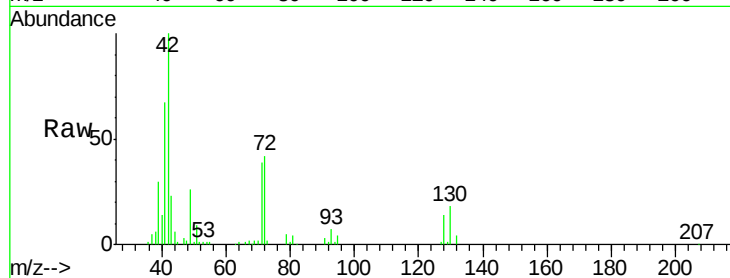
#29
Tetrahydrofuran
Concen: 119.663 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.4	32.8	49.2
71	35.7	30.6	45.8

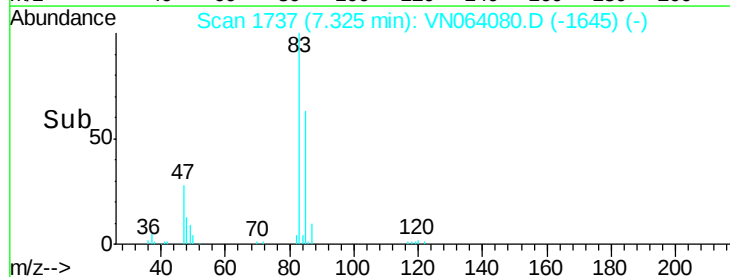
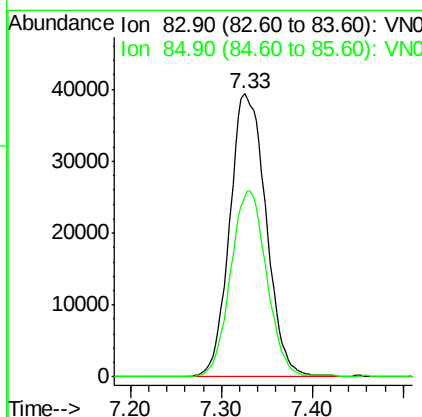
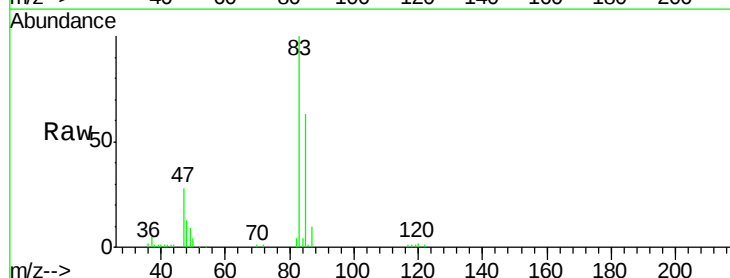
Manual Integrations
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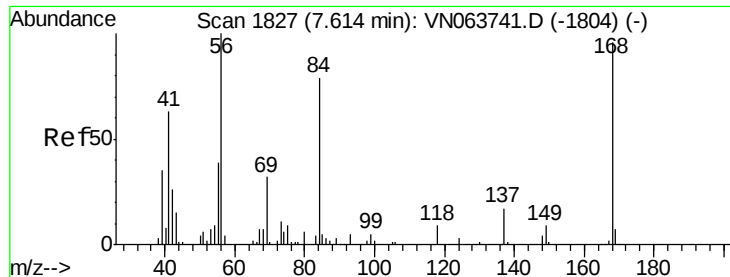
MMDadoda
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#30
Chloroform
Concen: 19.379 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	54.6	82.0





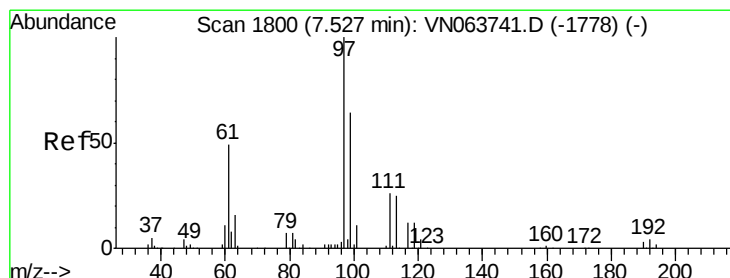
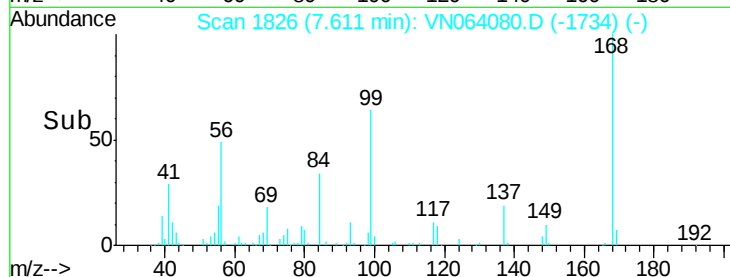
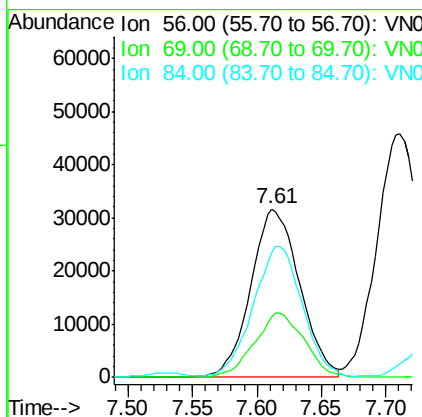
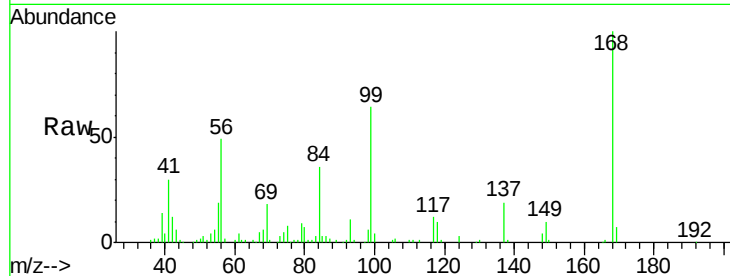
#31
Cyclohexane
Concen: 17.729 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.4	25.4	38.2
84	73.2	63.3	94.9

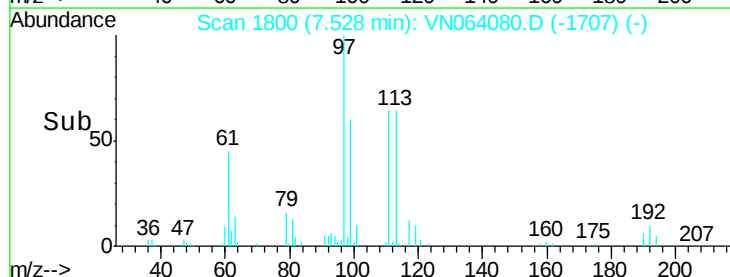
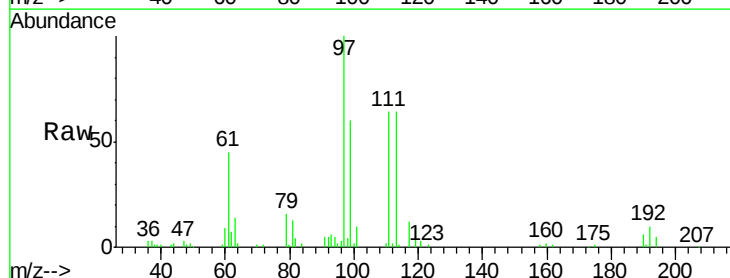
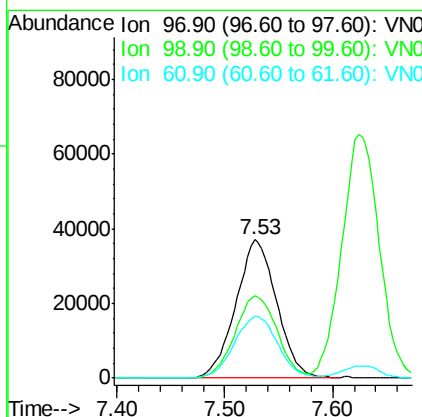
Manual Integrations
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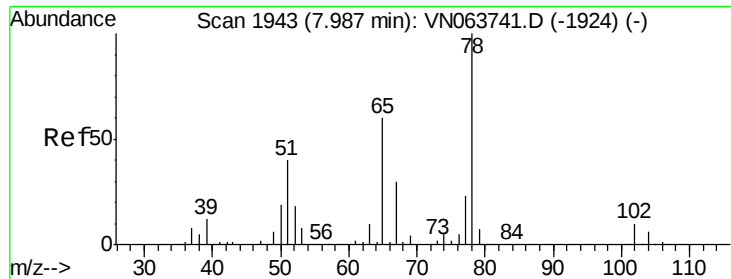
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#32
1,1,1-Trichloroethane
Concen: 19.195 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.0	51.0	76.6
61	47.4	38.7	58.1





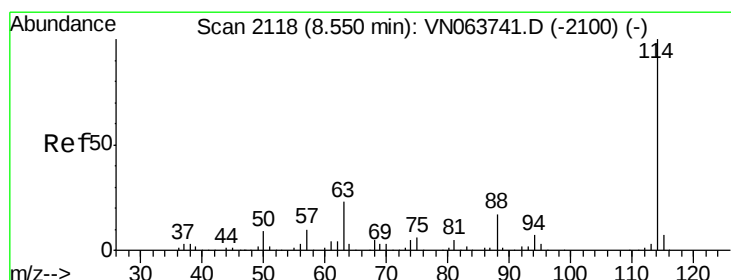
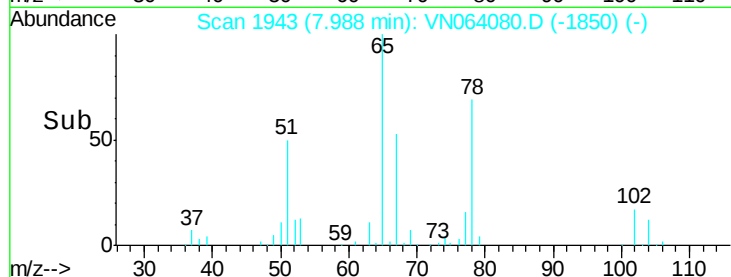
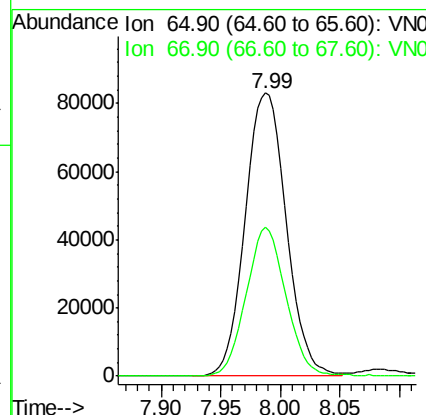
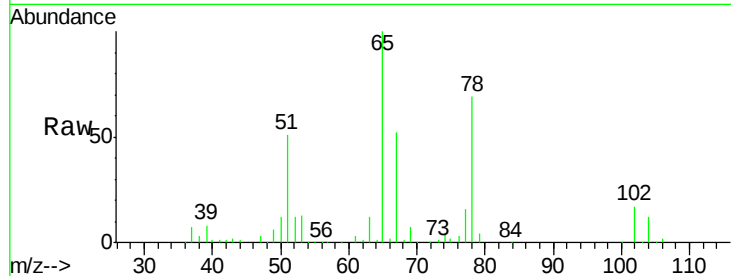
#33
 1,2-Dichloroethane-d4
 Concen: 48.983 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199052		
67	50.9	0.0	99.6	

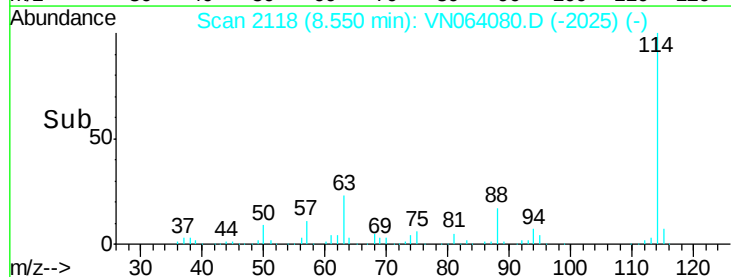
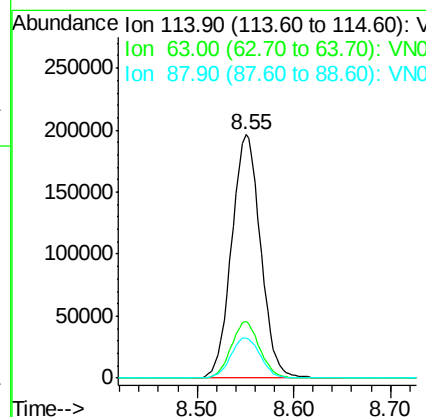
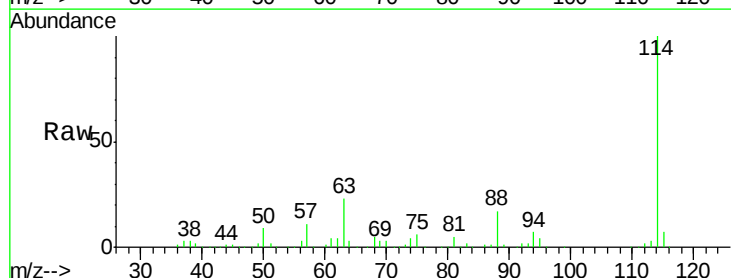
Manual Integrations
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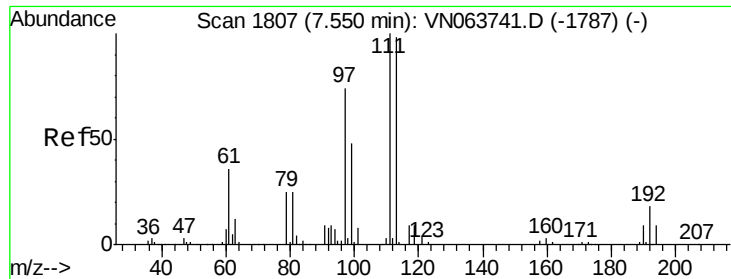
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	408592		
63	23.4	0.0	45.0	
88	16.6	0.0	34.0	





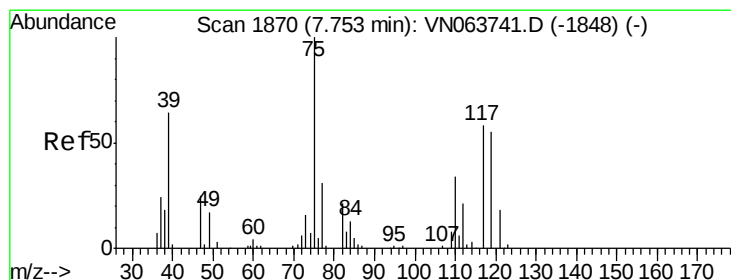
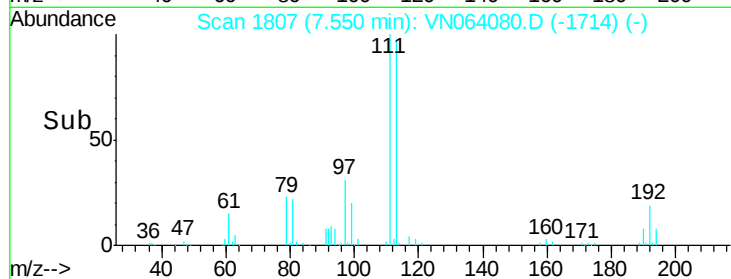
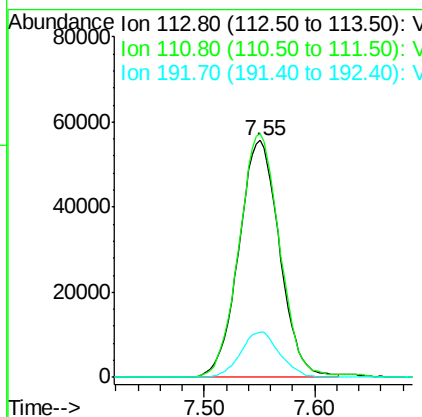
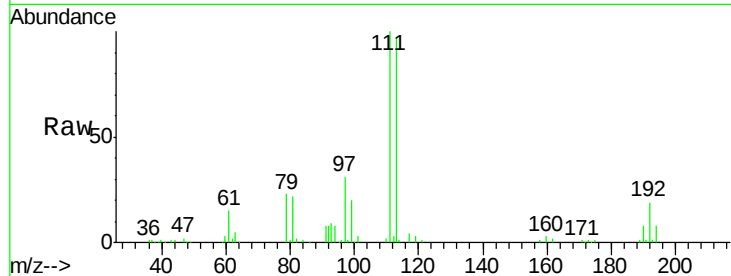
#35
 Dibromofluoromethane
 Concen: 50.235 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142423		
111	102.5	81.8	122.8	
192	18.4	14.2	21.2	

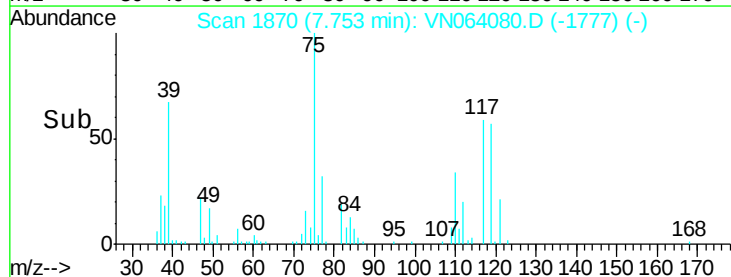
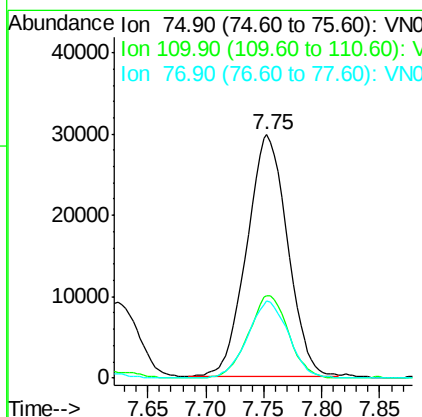
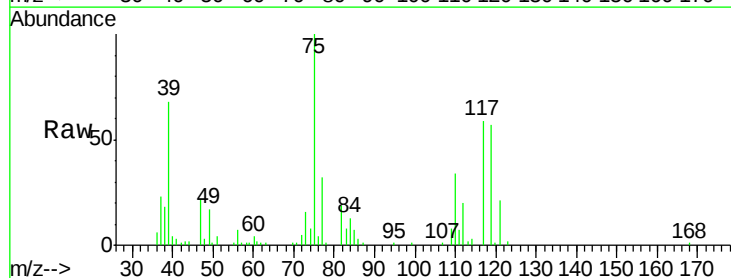
Manual Integrations
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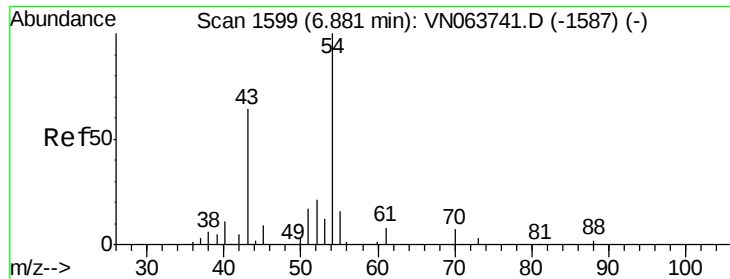
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#36
 1,1-Dichloropropene
 Concen: 17.592 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72823		
110	33.5	16.9	50.6	
77	32.0	24.5	36.7	





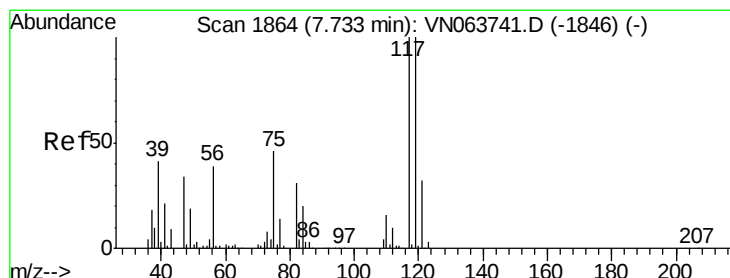
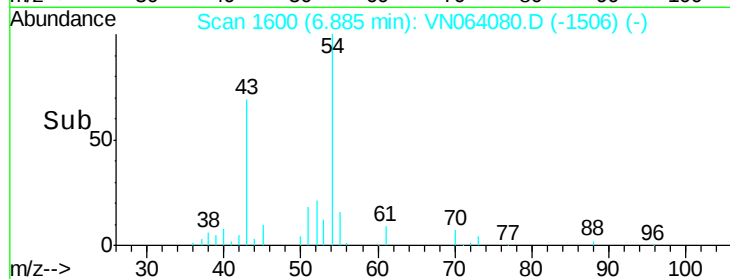
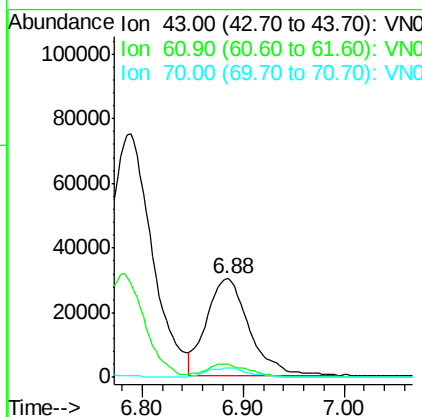
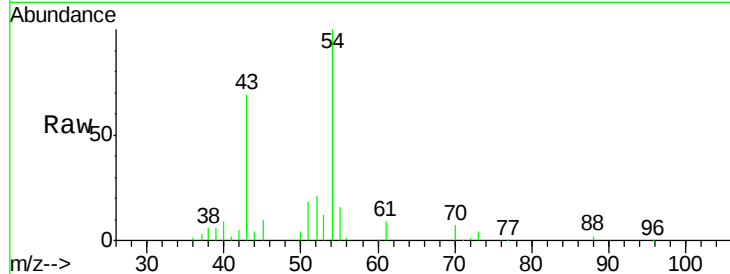
#37
Ethyl Acetate
Concen: 21.637 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	9.6	7.3	10.9

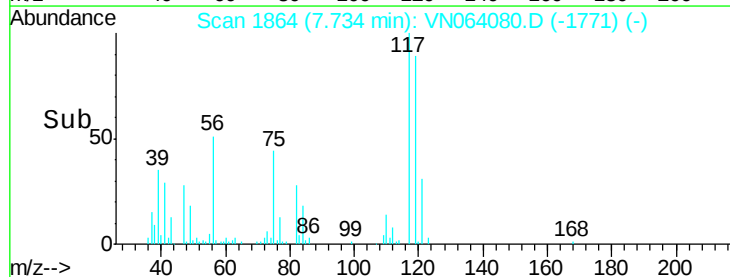
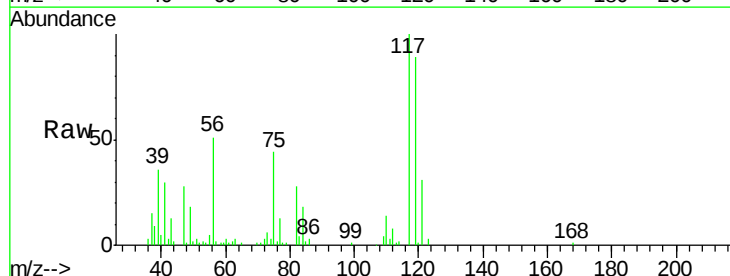
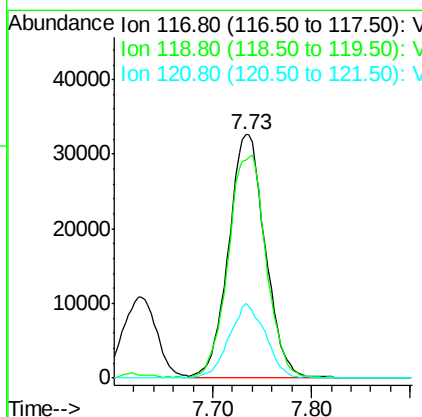
Manual Integrations
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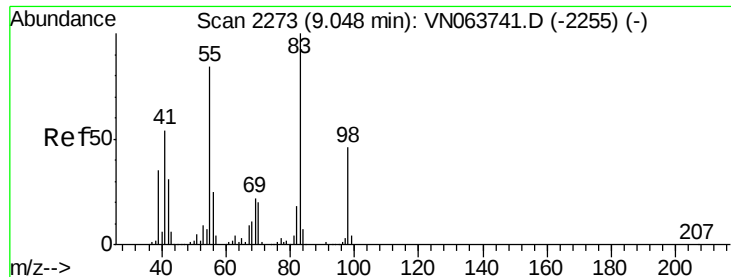
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.246 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.3	80.1	120.1
121	30.5	25.7	38.5





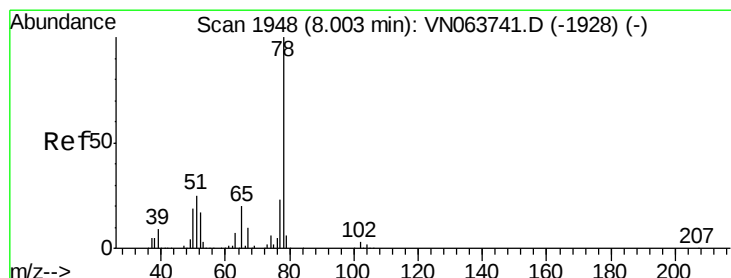
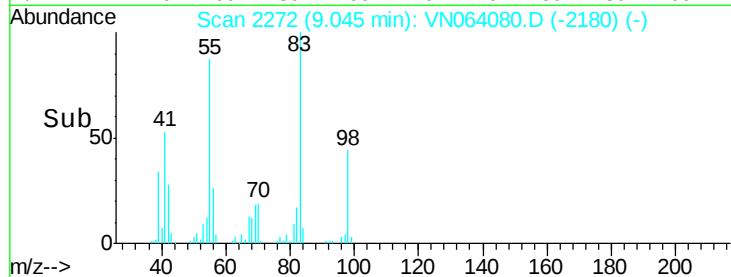
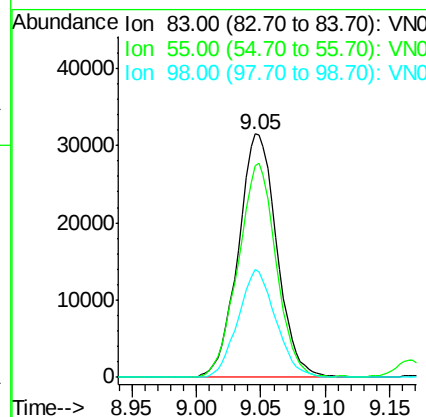
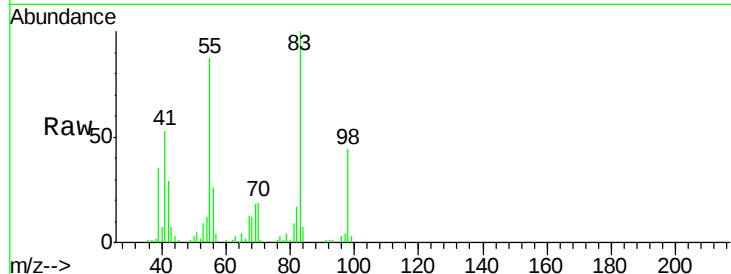
#39
Methvlcvclohexane
Concen: 15.849 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	67.1	100.7
98	44.2	36.6	54.8

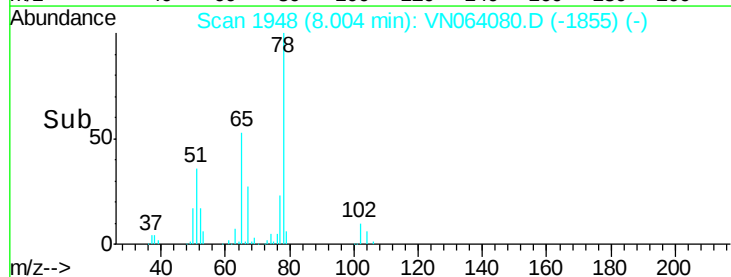
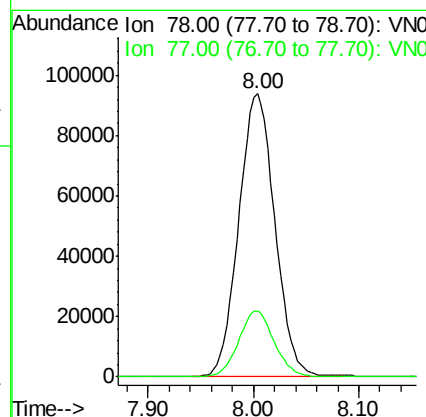
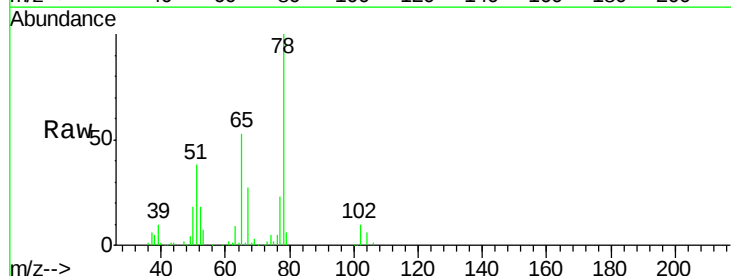
Manual Integrations
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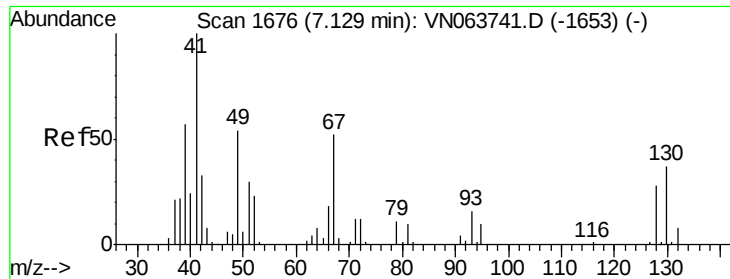
MMDadoda
10/13/2020 4:09:45 PM



#40
Benzene
Concen: 18.893 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





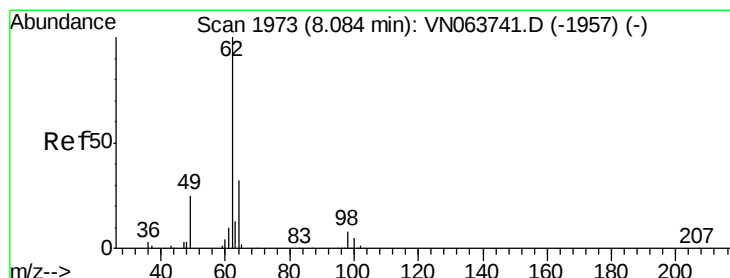
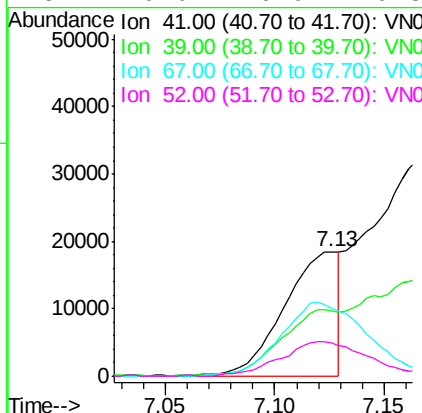
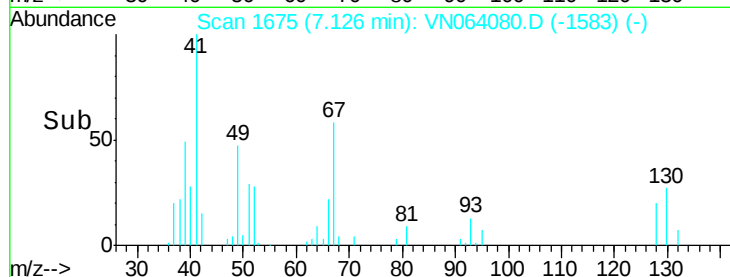
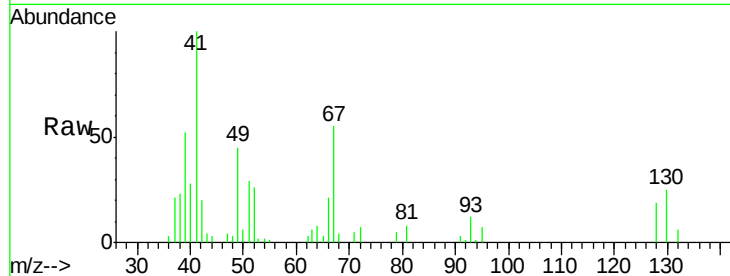
#41
Methacrylonitrile
Concen: 17.626 ug/l m
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	41	Resp	32216
Ion Ratio	Lower	Upper	
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

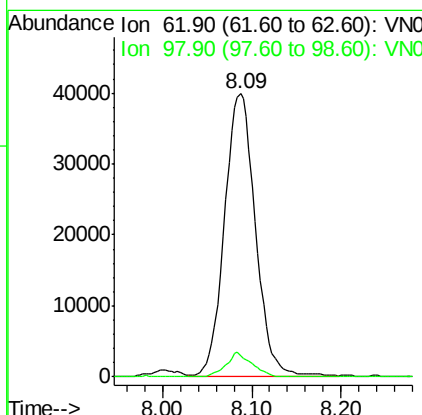
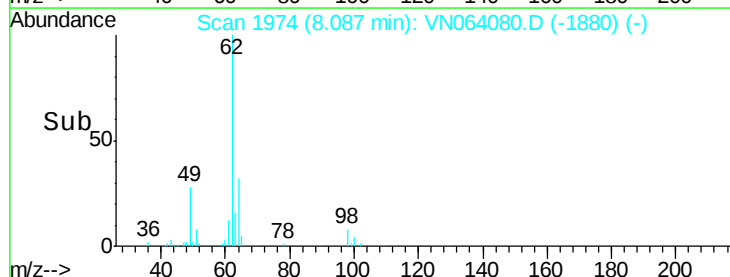
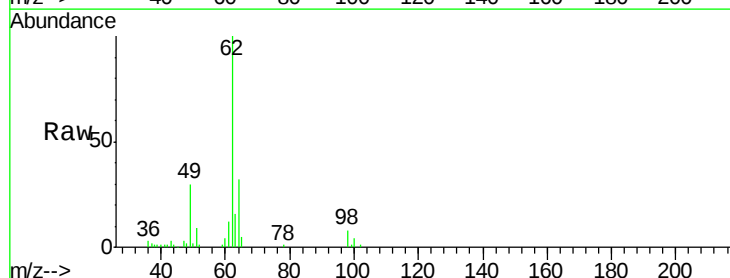
Manual Integrations
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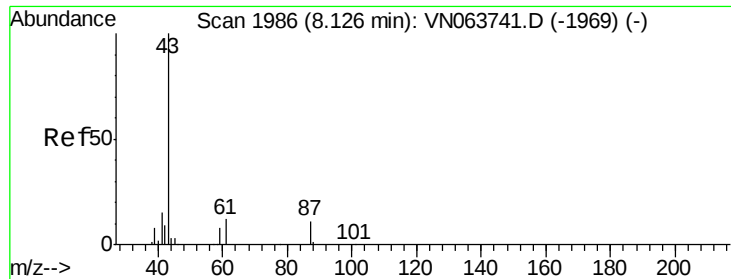
MMDadoda
10/13/2020 4:09:45 PM



#42
1,2-Dichloroethane
Concen: 18.865 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	62	Resp	95212
Ion Ratio	Lower	Upper	
62	100		
98	7.2	0.0	15.0





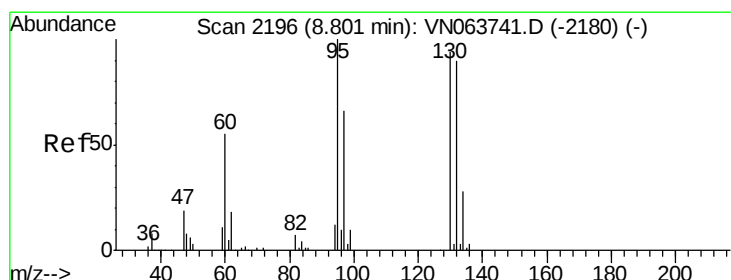
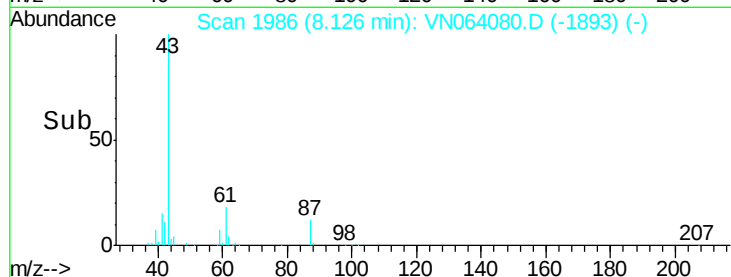
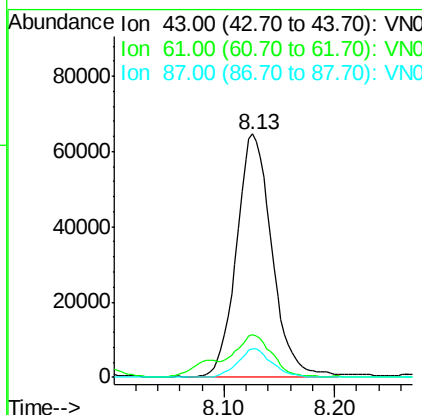
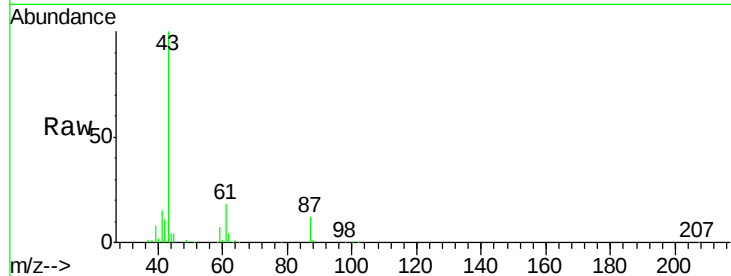
#43
Isopropyl Acetate
Concen: 21.033 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.2	21.4
87	11.3	9.0	13.6

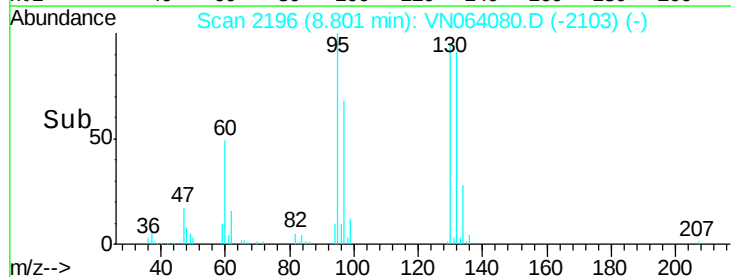
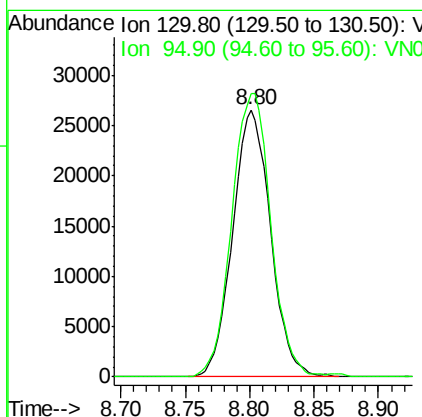
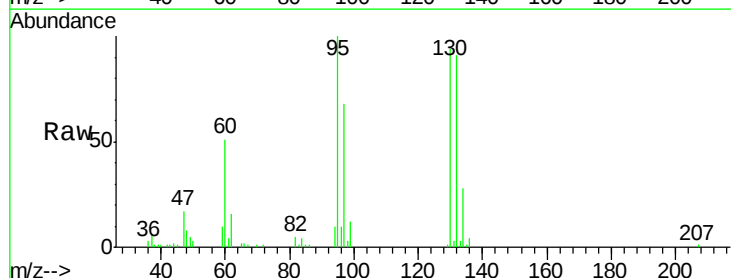
Manual Integrations
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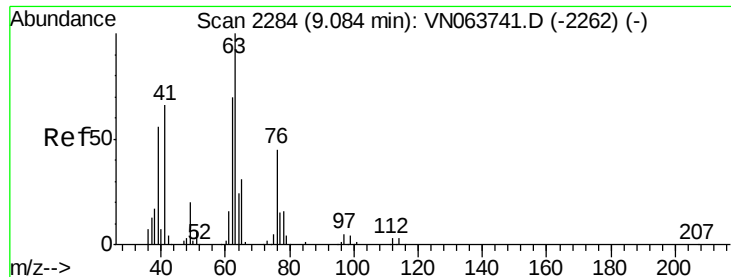
MMDadoda
10/13/2020 4:09:45 PM



#44
Trichloroethene
Concen: 17.501 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	213.6





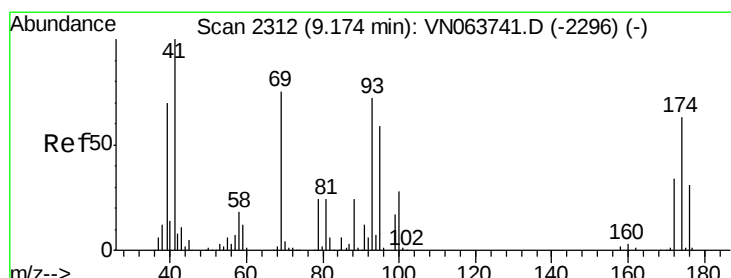
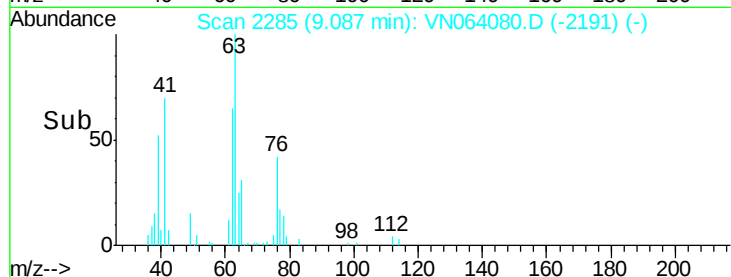
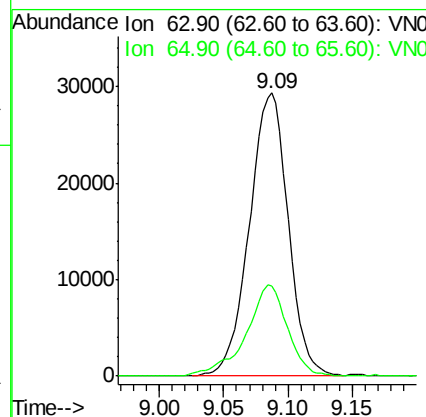
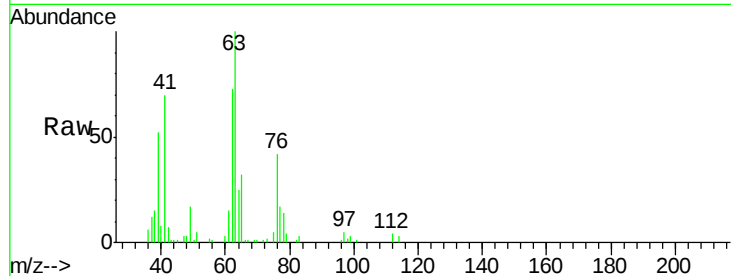
#45
 1,2-Dichloropropane
 Concen: 19.289 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion: 63 Resp: 61591
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

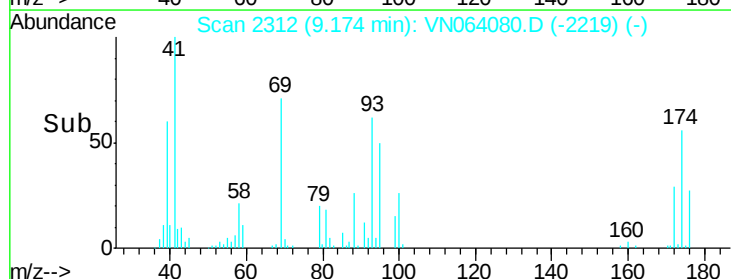
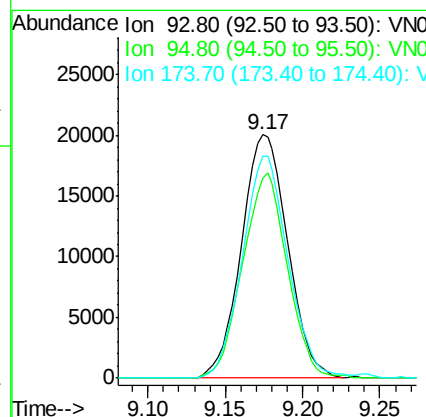
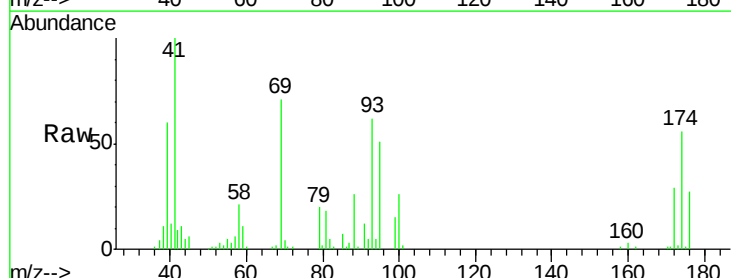
Manual Integrations
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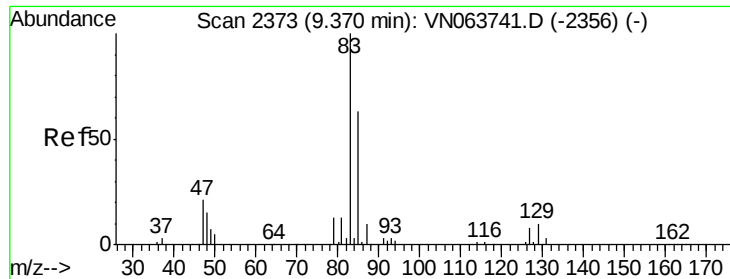
MMDadoda
 10/13/2020 4:09:45 PM



#46
 Dibromomethane
 Concen: 18.944 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 93 Resp: 41730
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.3 99.5
 174 90.2 72.7 109.1





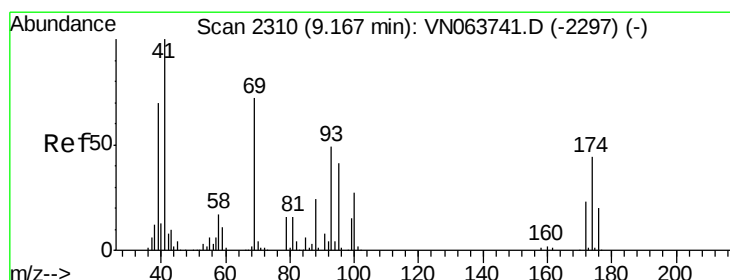
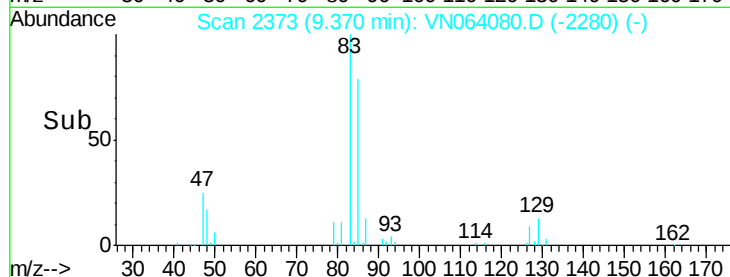
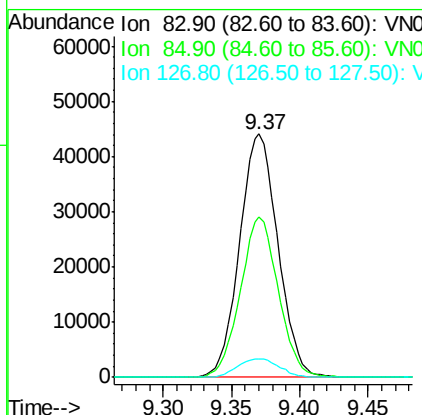
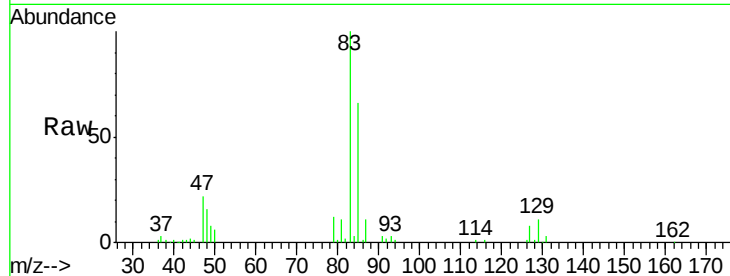
#47
Bromodichloromethane
Concen: 18.972 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	83	Resp	86126
Ion Ratio	100	Lower	Upper
83	100		
85	65.8	50.6	75.8
127	7.5	6.6	9.8

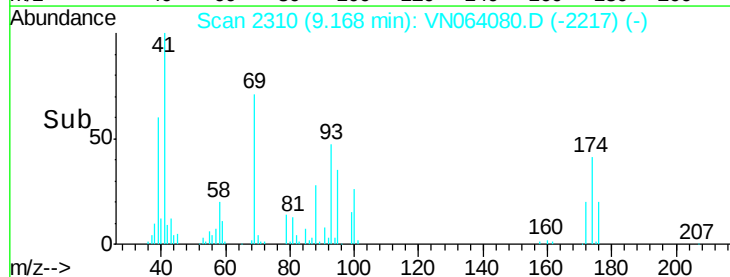
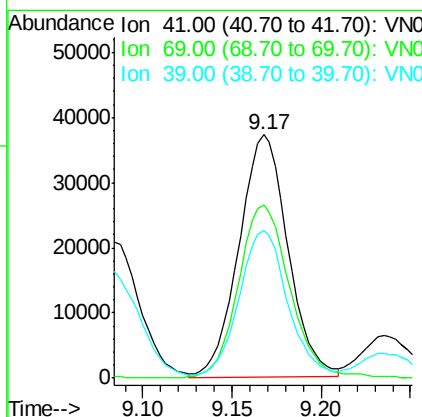
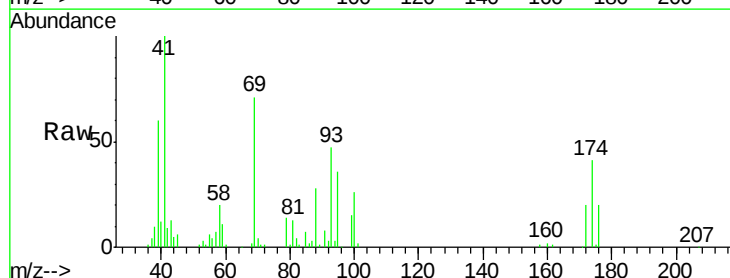
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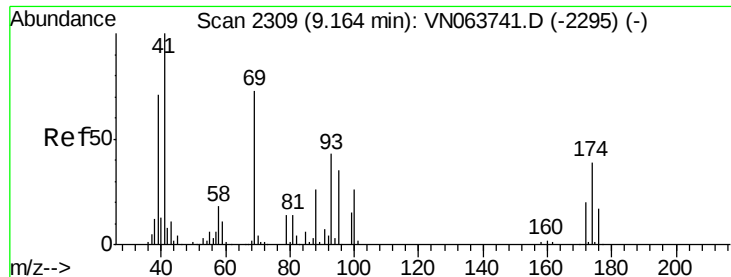
MMDadoda
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#48
Methyl methacrylate
Concen: 21.263 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	41	Resp	71262
Ion Ratio	100	Lower	Upper
41	100		
69	75.0	60.9	91.3
39	59.6	57.5	86.3





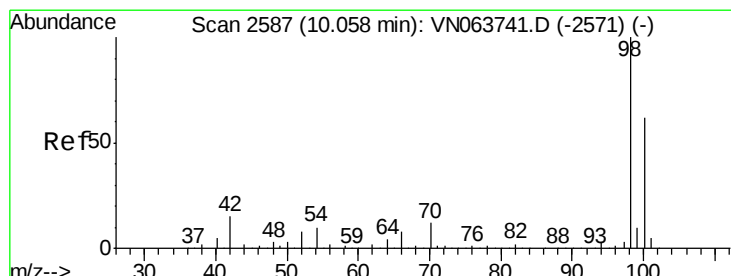
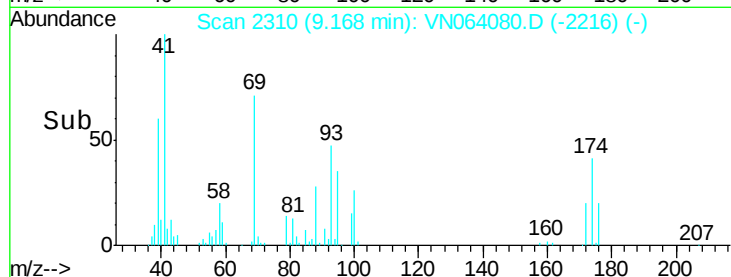
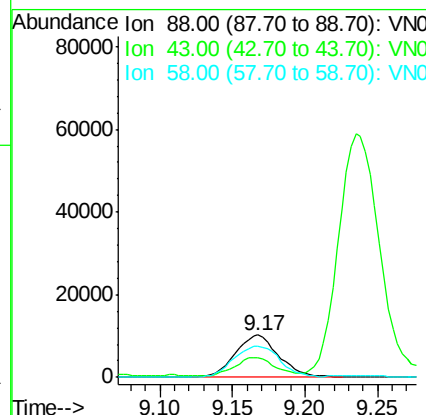
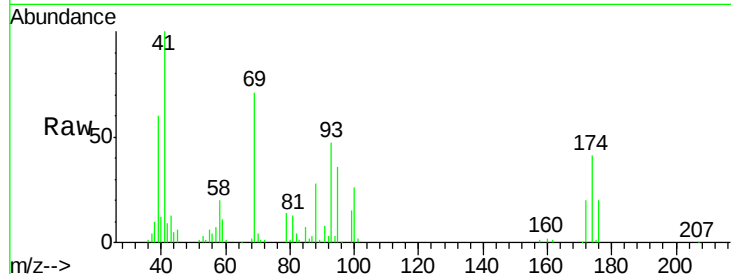
#49
1,4-Dioxane
Concen: 448.920 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.0	33.1	49.7
58	78.8	58.9	88.3

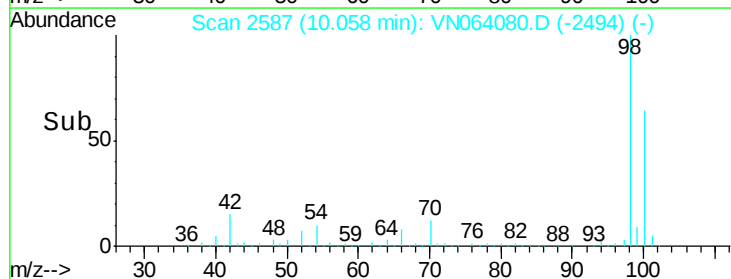
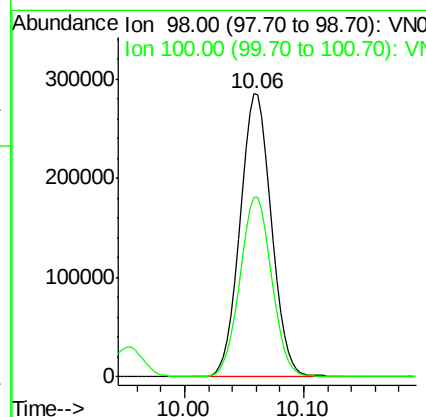
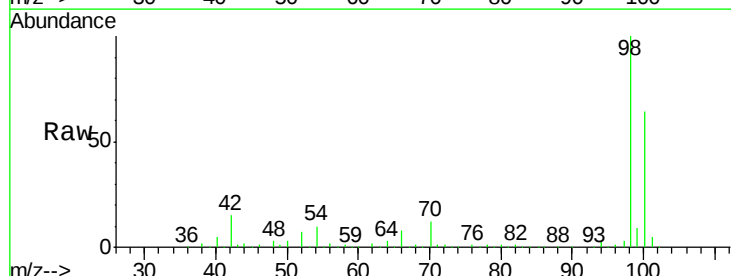
Manual Integrations
APPROVED

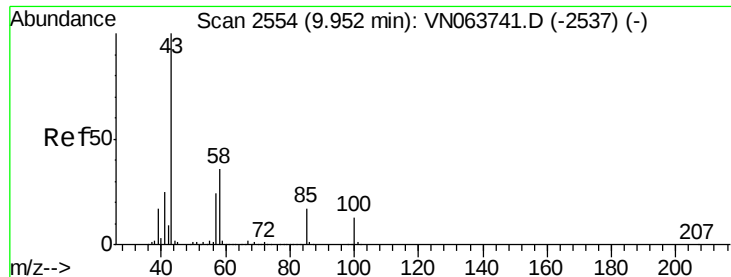
MMDadoda
10/13/2020 4:09:45 PM



#50
Toluene-d8
Concen: 48.570 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	49.8	74.6





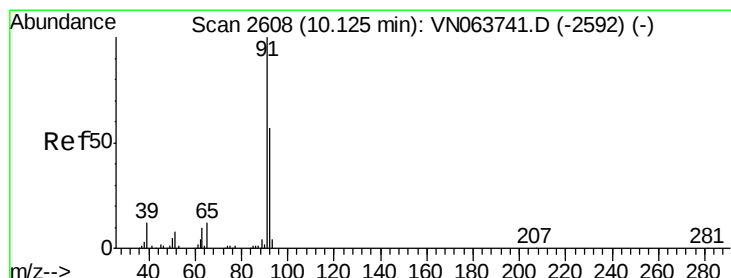
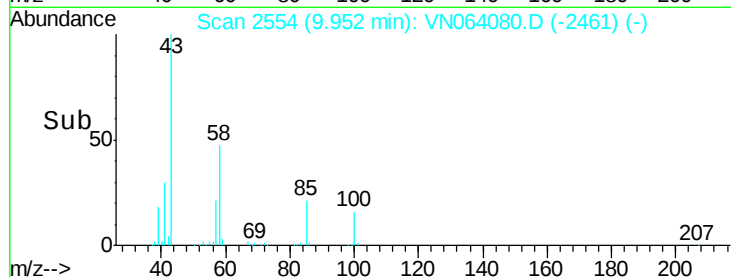
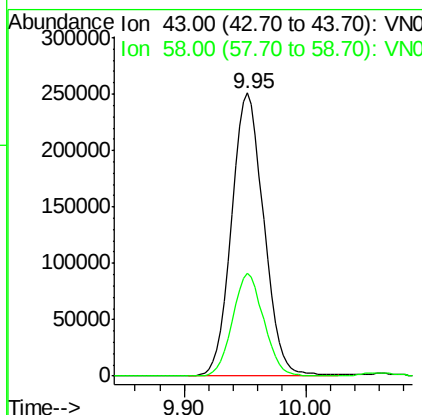
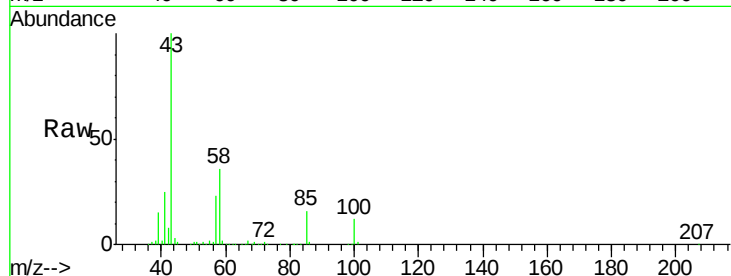
#51
4-Methyl-2-Pentanone
Concen: 115.472 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.4	42.6

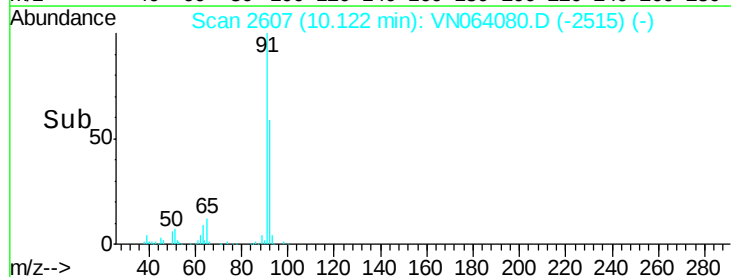
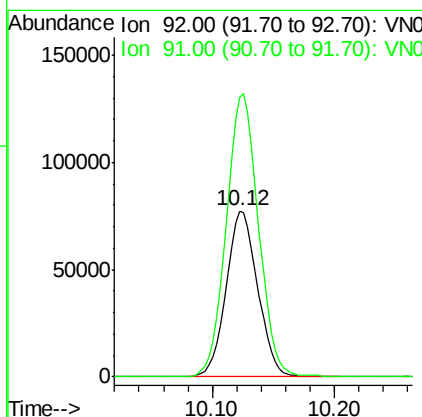
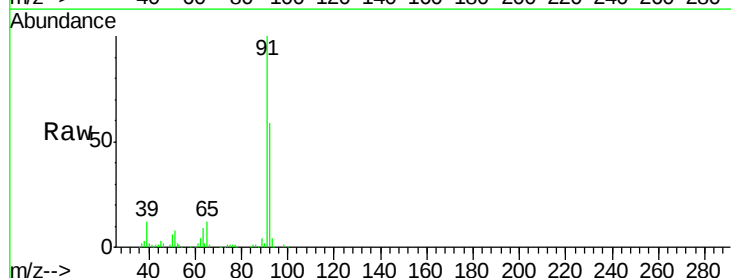
Manual Integrations
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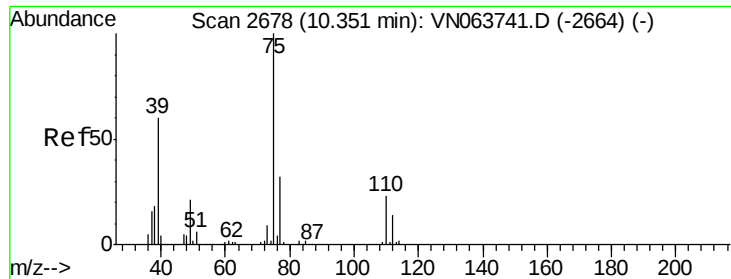
MMDadoda
10/13/2020 4:09:45 PM



#52
Toluene
Concen: 19.049 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.5	140.6	210.8





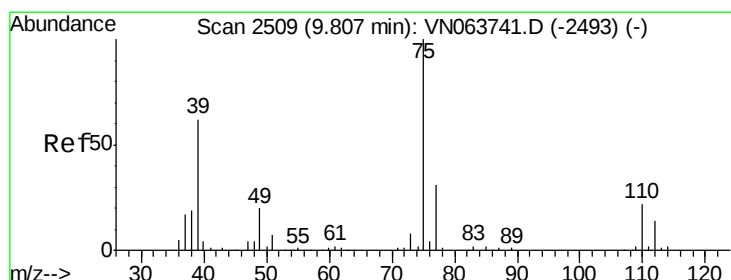
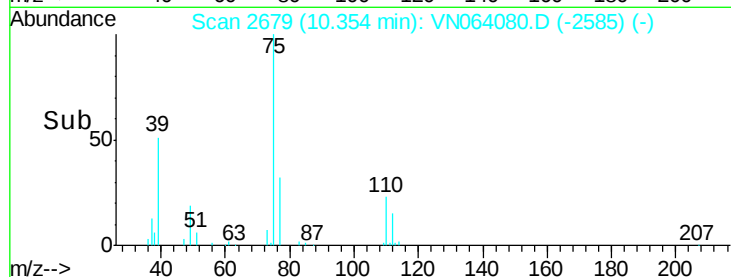
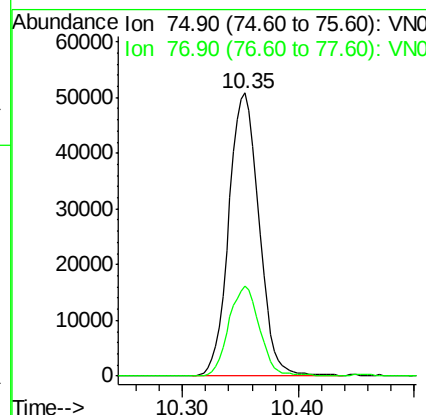
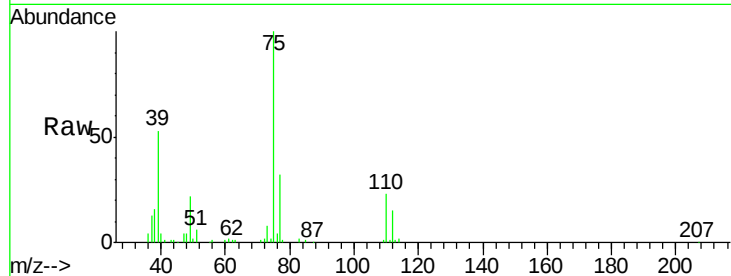
#53
t-1,3-Dichloropropene
Concen: 18.933 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion: 75 Resp: 92132
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

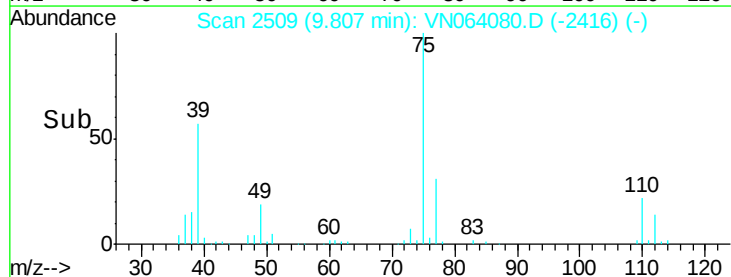
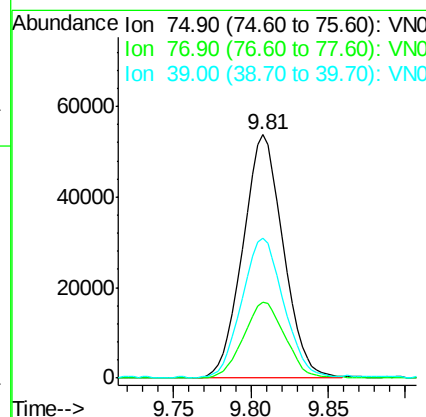
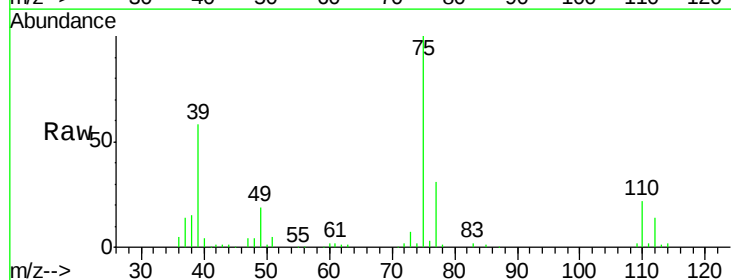
Manual Integrations
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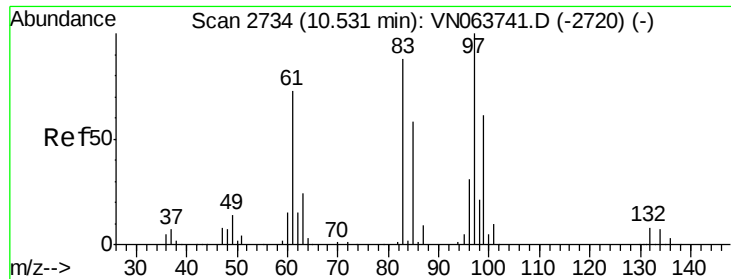
MMDadoda
10/13/2020 4:09:45 PM



#54
cis-1,3-Dichloropropene
Concen: 19.248 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 75 Resp: 97957
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 57.3 49.7 74.5





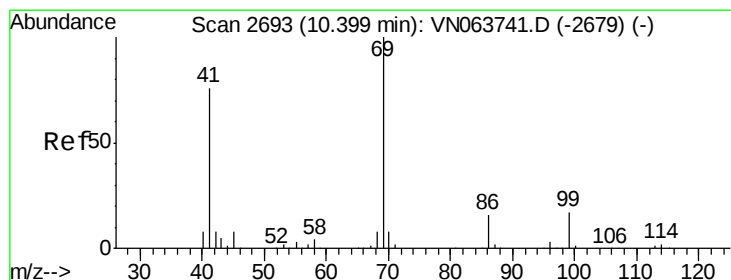
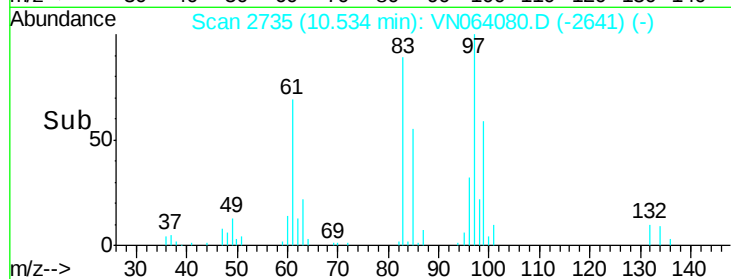
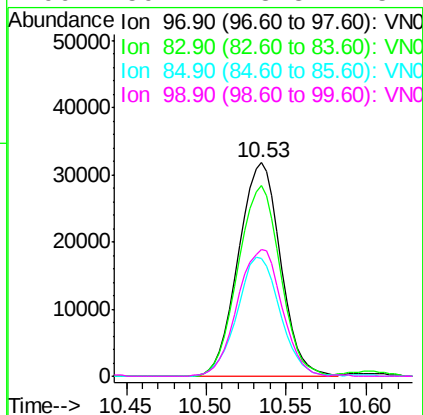
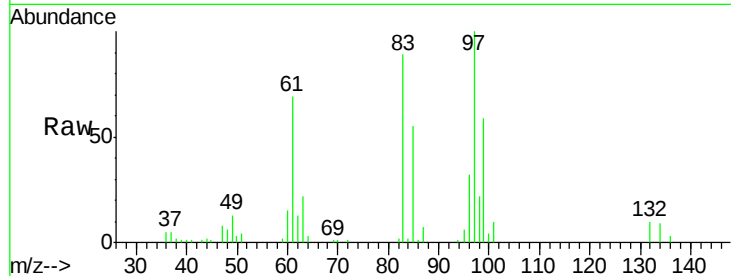
#55
 1,1,2-Trichloroethane
 Concen: 19.509 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.7	106.1
85	55.0	46.1	69.1
99	59.1	48.8	73.2

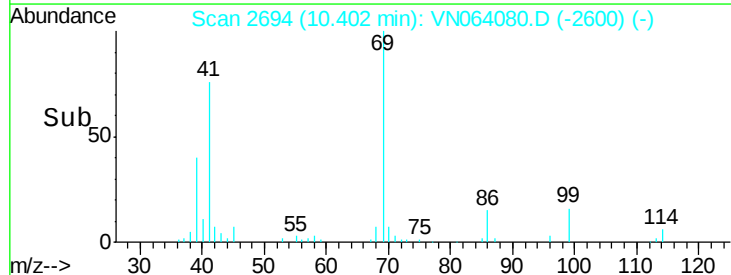
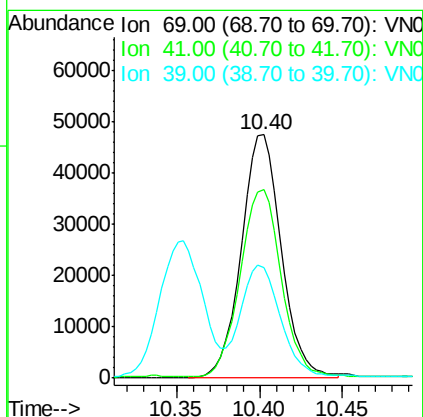
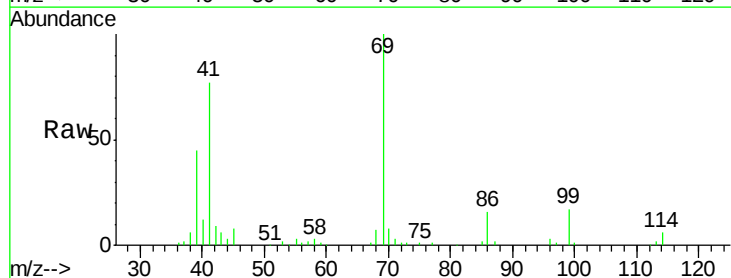
Manual Integrations
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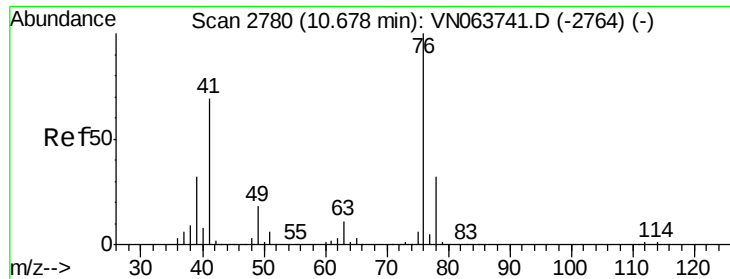
MMDadoda
 10/13/2020 4:09:45 PM



#56
 Ethyl methacrylate
 Concen: 19.245 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.8	61.1	91.7
39	45.6	42.2	63.4





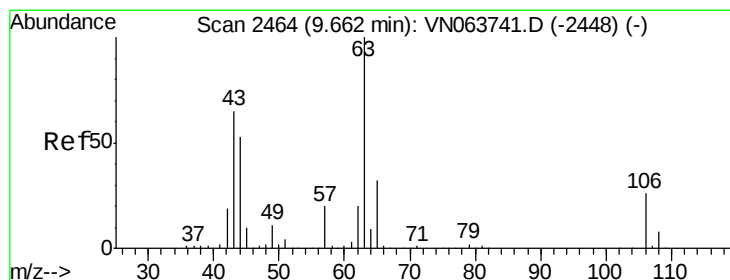
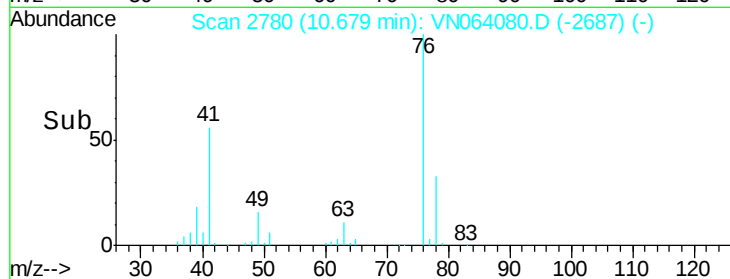
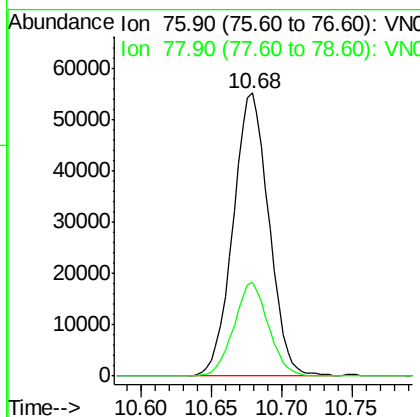
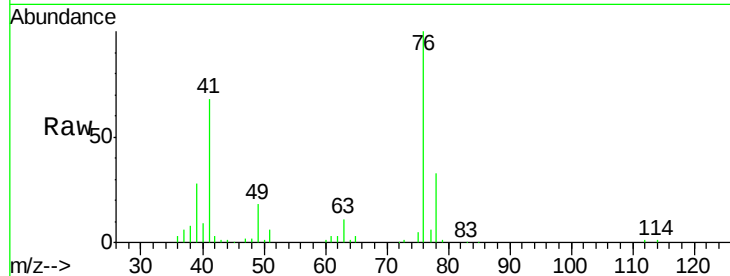
#57
 1,3-Dichloropropane
 Concen: 19.818 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion: 76 Resp: 98333
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8

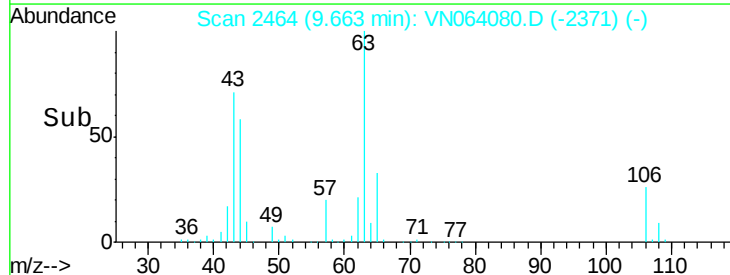
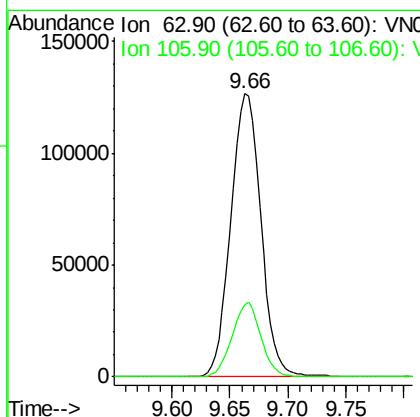
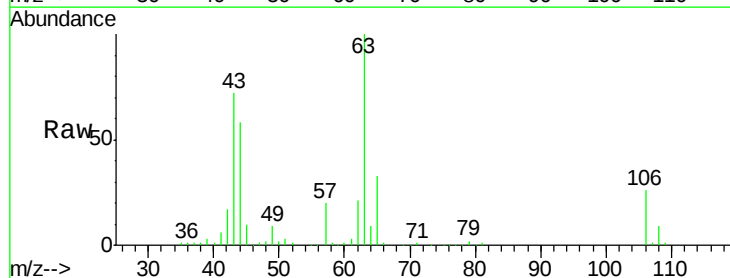
Manual Integrations
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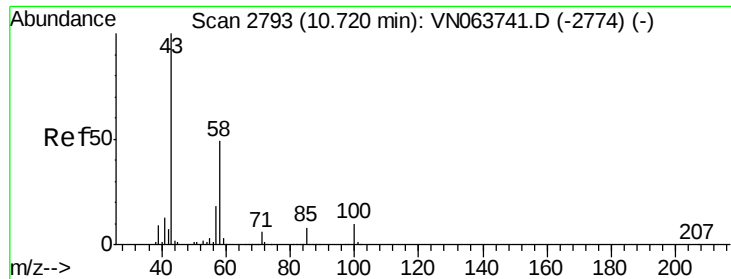
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.373 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 63 Resp: 227647
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.7 31.1





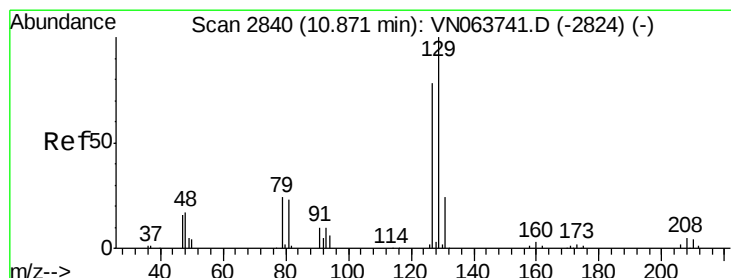
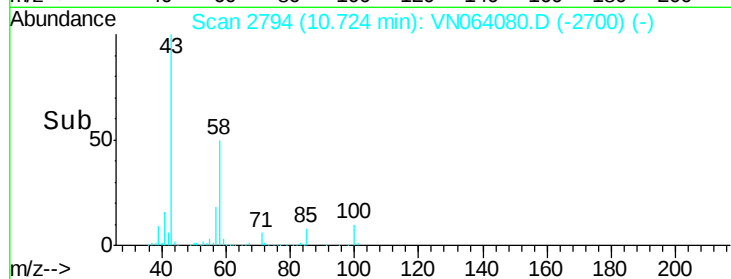
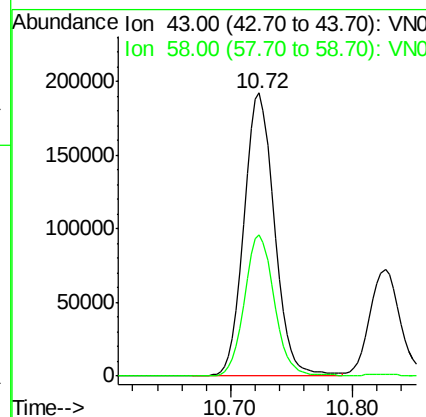
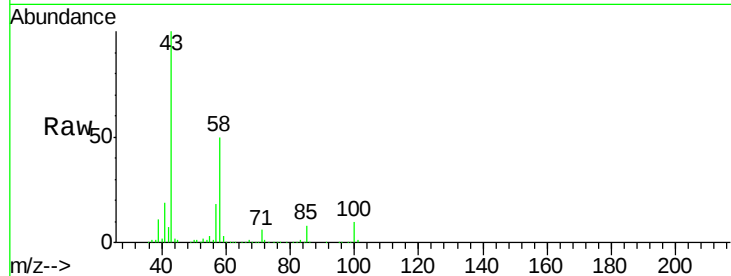
#59
2-Hexanone
Concen: 111.272 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.3	24.6	73.8

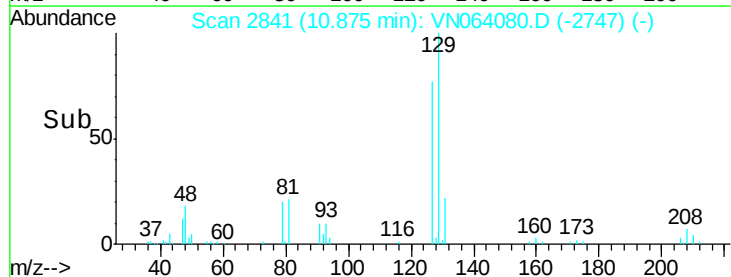
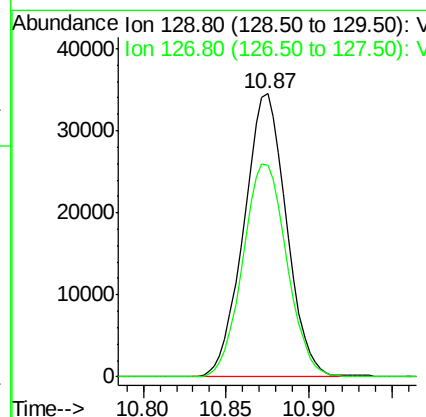
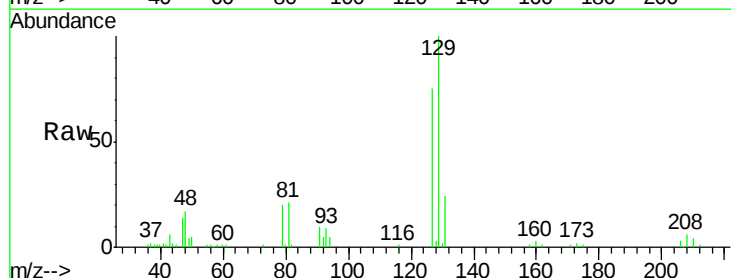
Manual Integrations
APPROVED

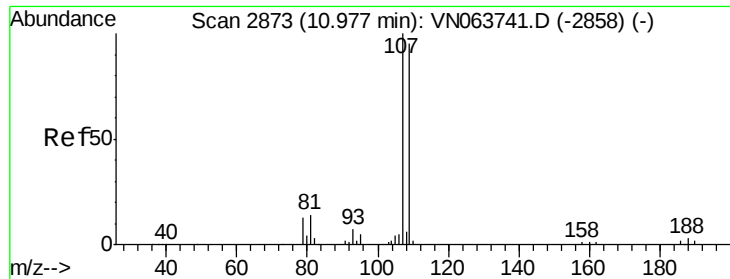
MMDadoda
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#60
Dibromochloromethane
Concen: 18.102 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.9	116.7





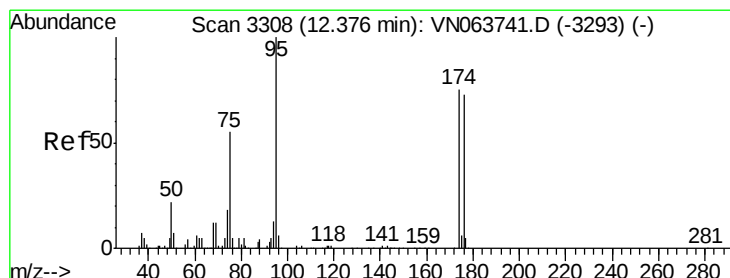
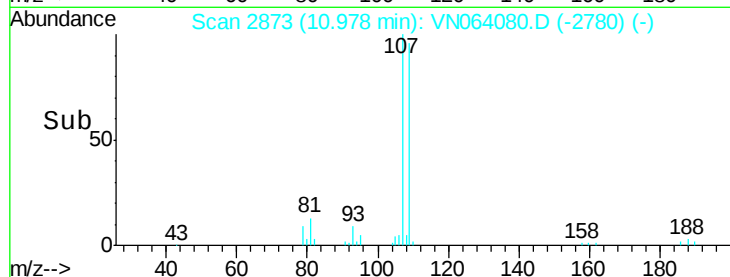
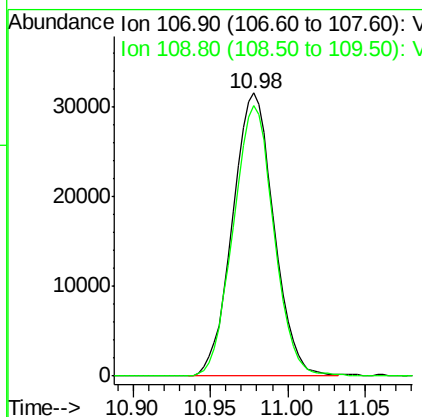
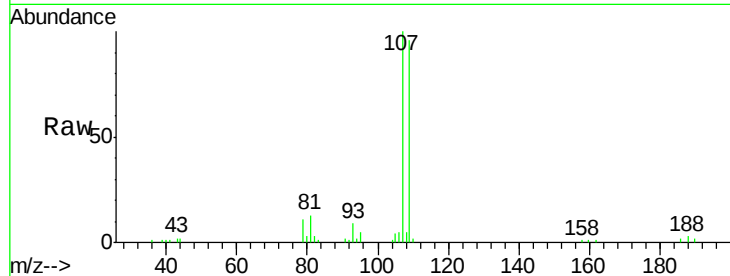
#61
 1,2-Dibromoethane
 Concen: 19.479 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.8	112.2

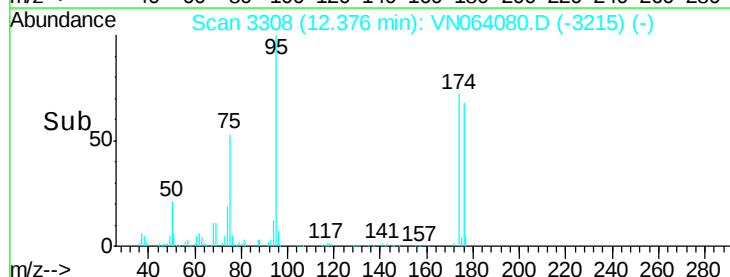
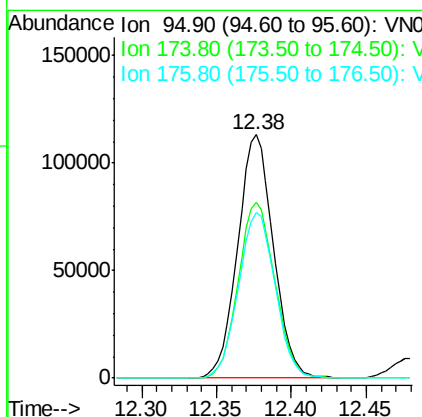
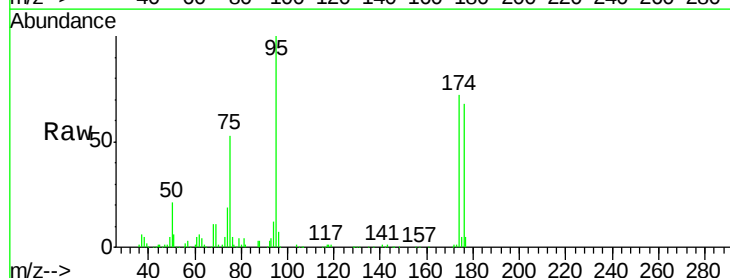
Manual Integrations
 APPROVED

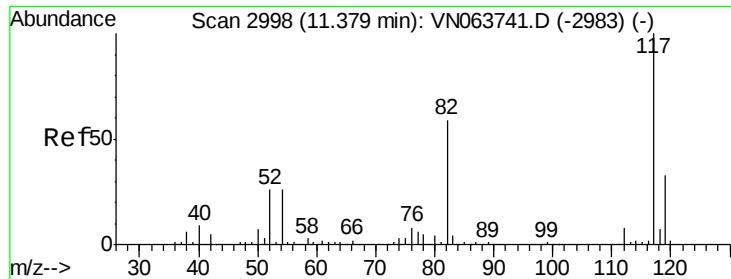
MMDadoda
 10/13/2020 4:09:45 PM



#62
 4-Bromofluorobenzene
 Concen: 46.514 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.6
176	70.1	0.0	145.4





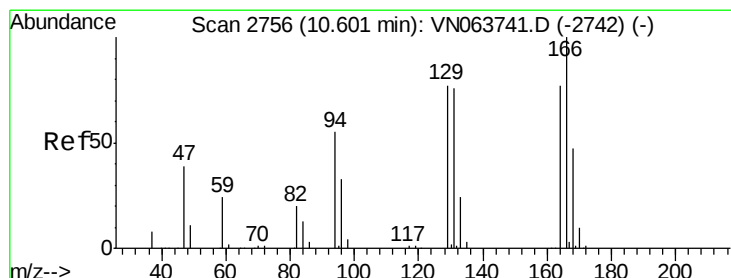
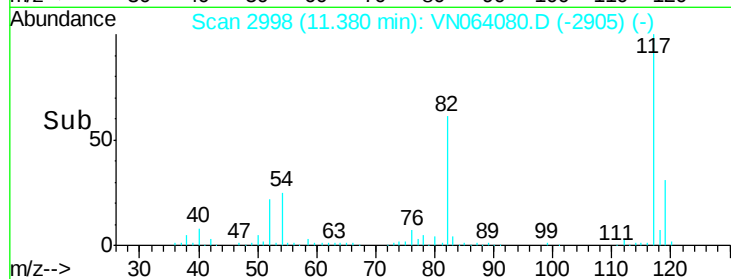
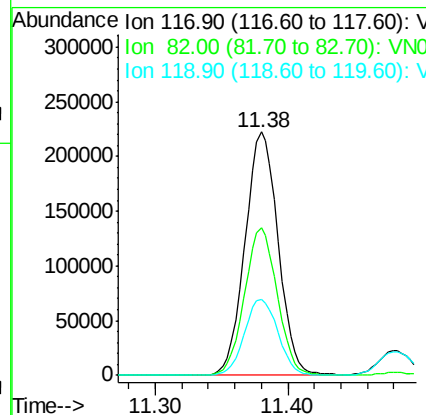
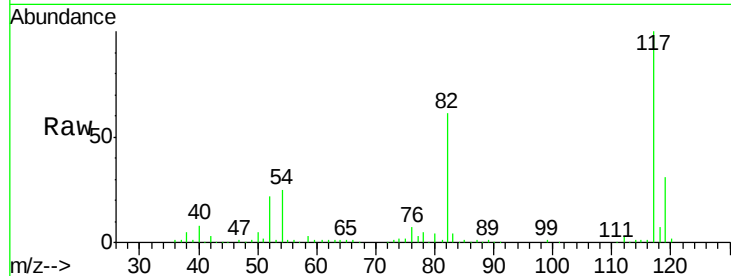
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	386920		
82	60.7	47.4	71.2	
119	31.1	26.4	39.6	

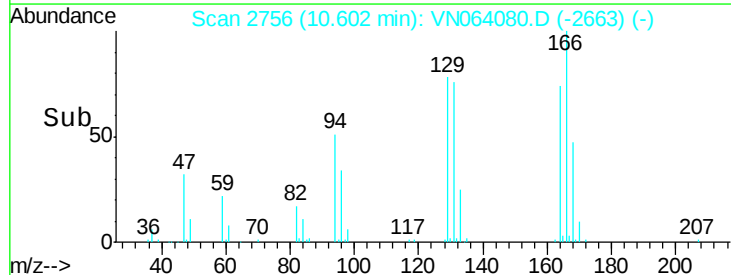
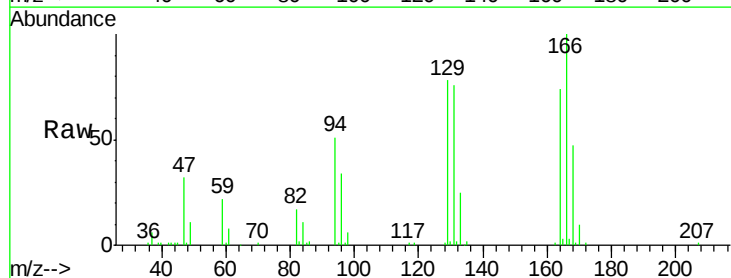
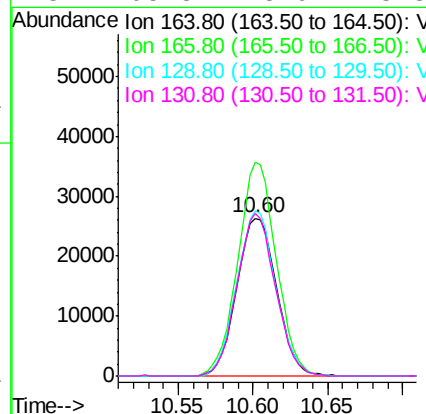
Manual Integrations
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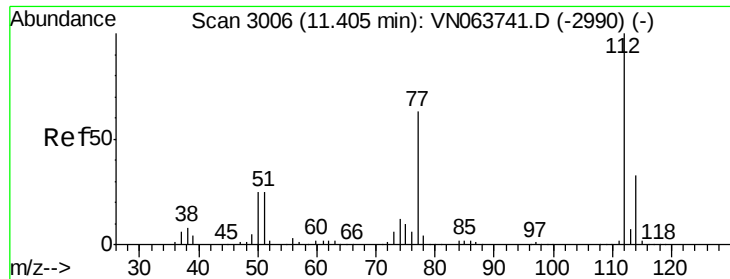
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#64
Tetrachloroethene
Concen: 16.325 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48868		
166	135.4	103.9	155.9	
129	105.1	80.3	120.5	
131	103.3	78.9	118.3	





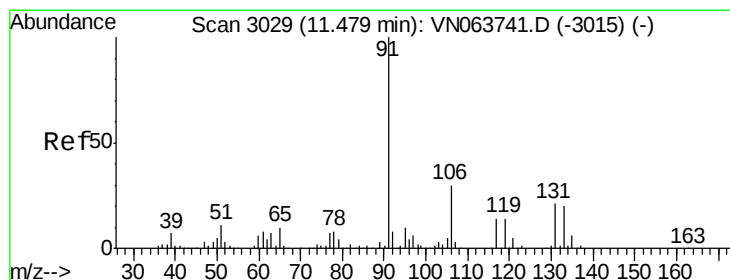
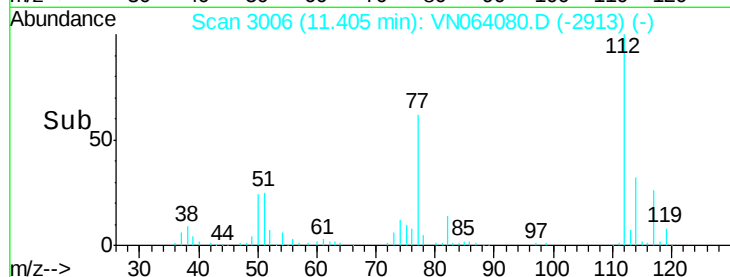
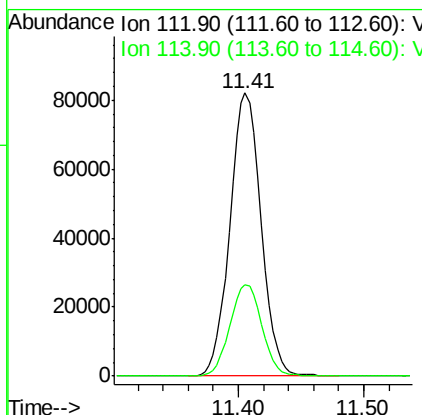
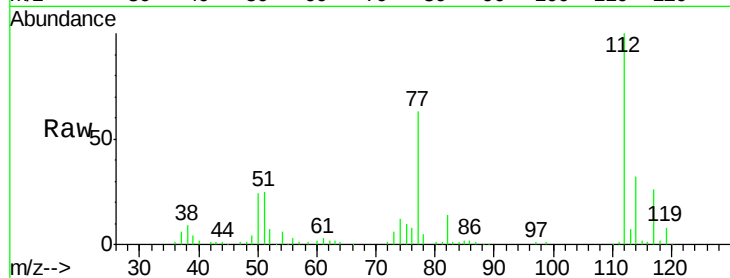
#65
Chlorobenzene
Concen: 17.838 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion:112 Resp: 141581
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1

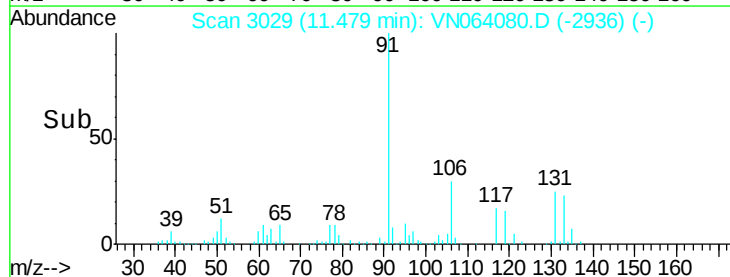
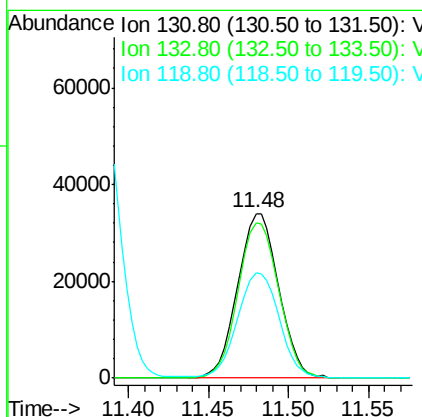
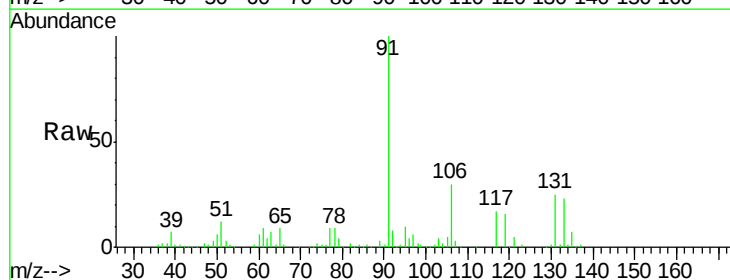
Manual Integrations
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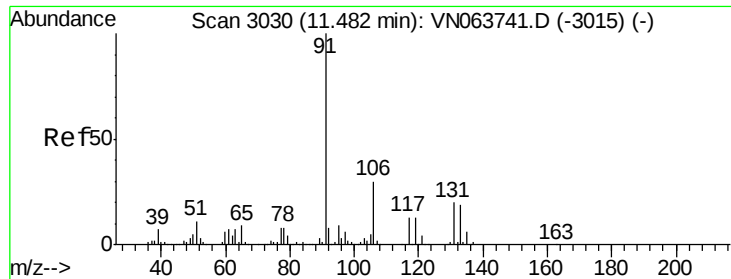
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.505 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion:131 Resp: 59350
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 65.8 32.6 97.7





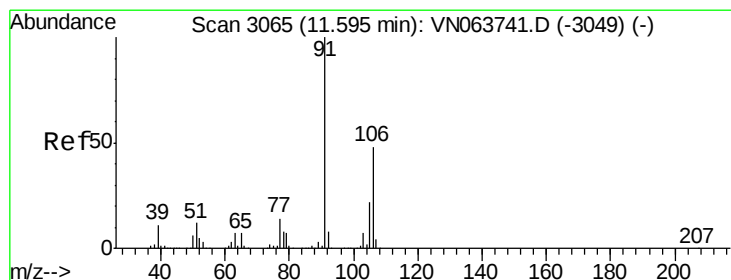
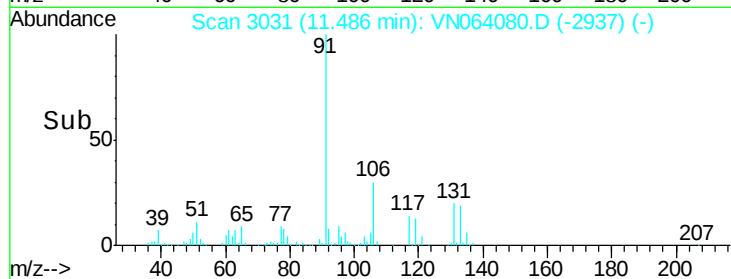
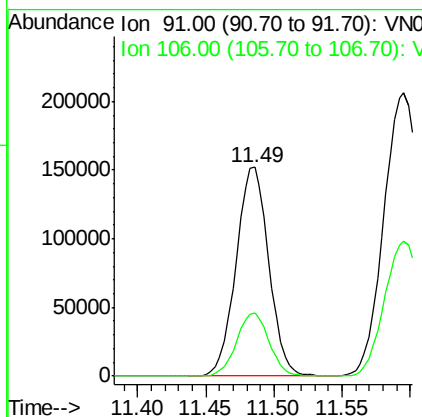
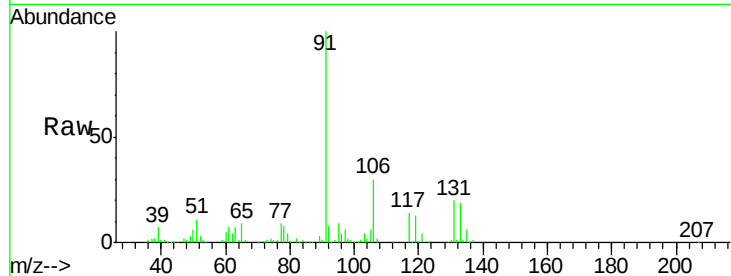
#67
Ethyl Benzene
Concen: 17.545 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion: 91 Resp: 253397
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

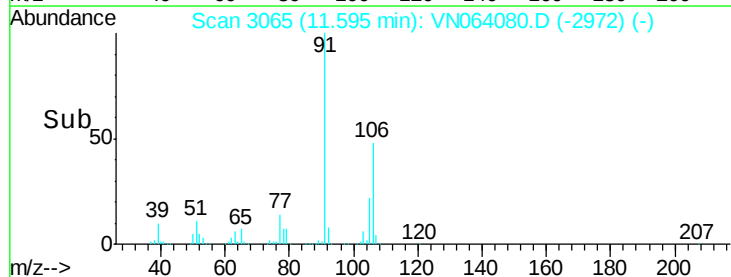
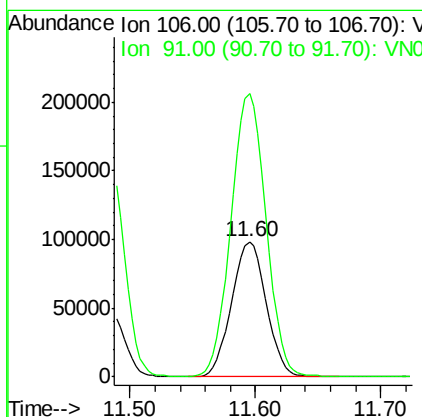
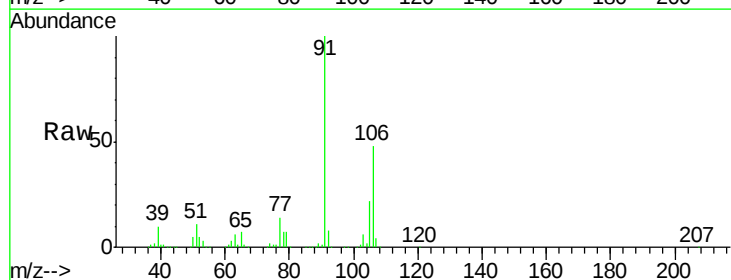
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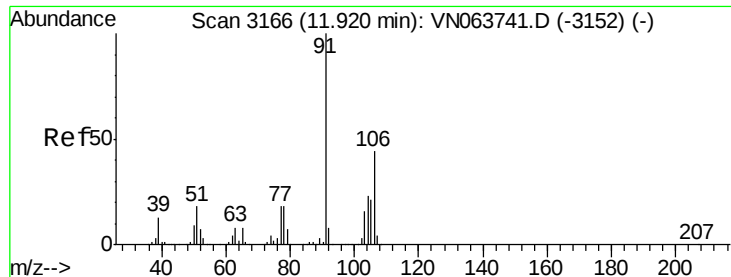
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#68
m/p-Xylenes
Concen: 34.985 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 106 Resp: 188312
Ion Ratio Lower Upper
106 100
91 212.8 168.0 252.0





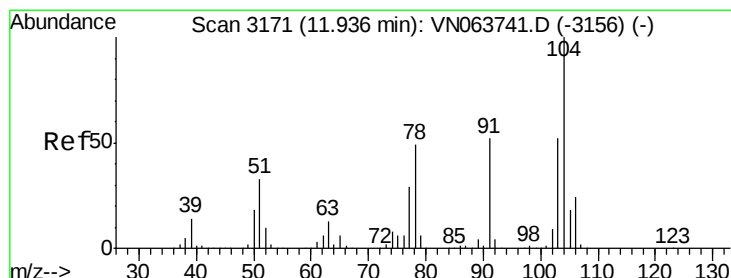
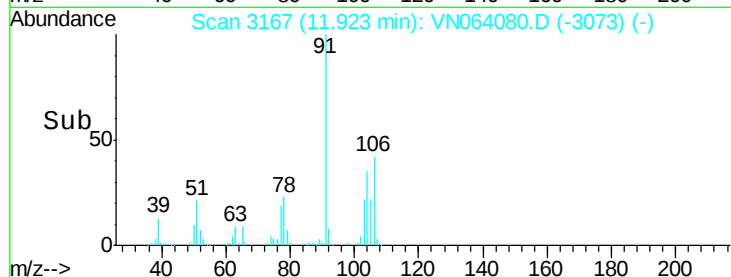
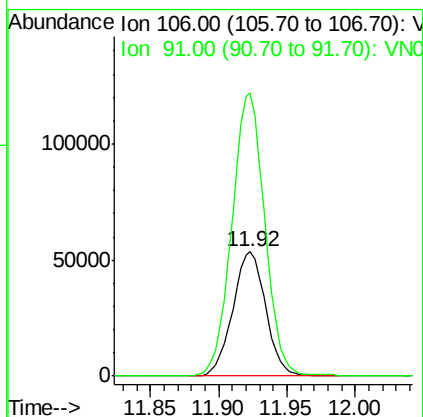
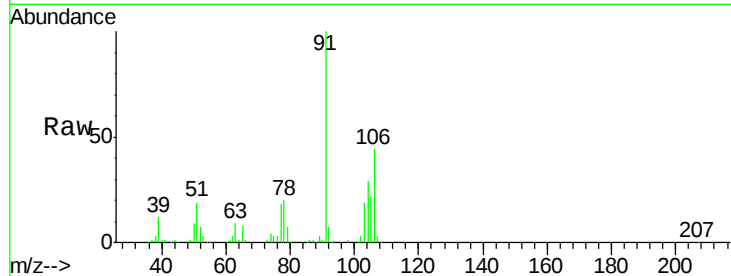
#69
o-Xylene
Concen: 17.918 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion:106 Resp: 90144
Ion Ratio Lower Upper
106 100
91 226.6 112.7 338.0

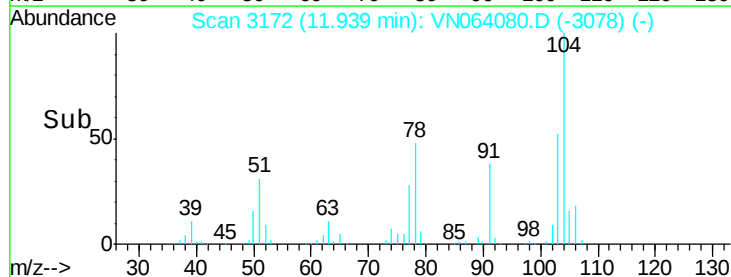
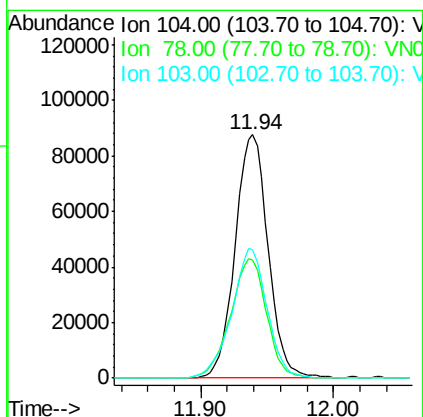
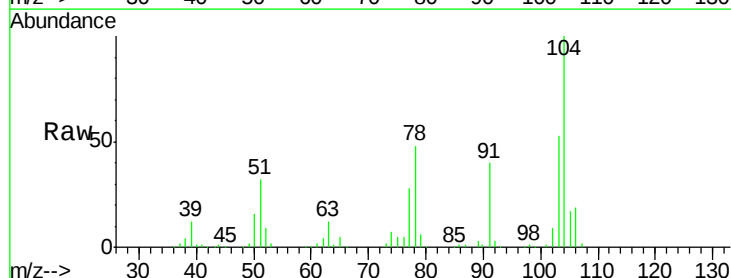
Manual Integrations
APPROVED

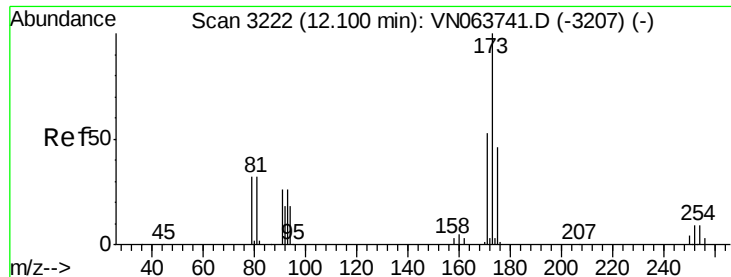
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#70
Styrene
Concen: 17.750 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion:104 Resp: 151584
Ion Ratio Lower Upper
104 100
78 53.7 44.1 66.1
103 57.2 44.3 66.5





#71

Bromoform

Concen: 18.527 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

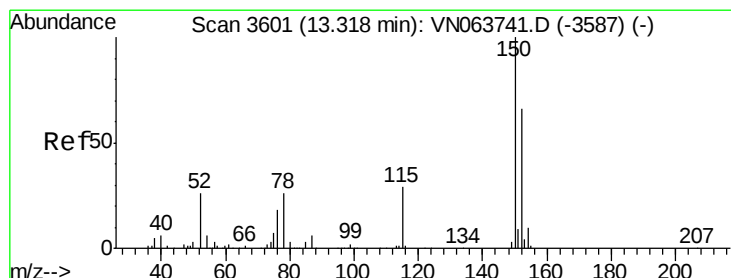
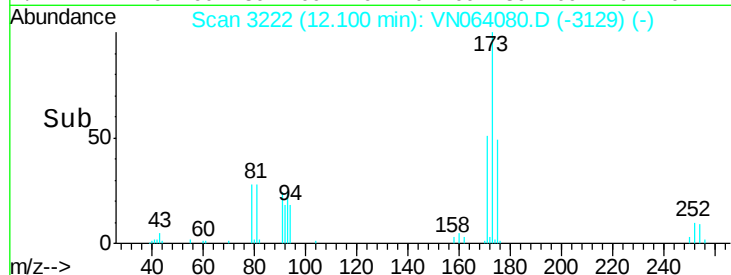
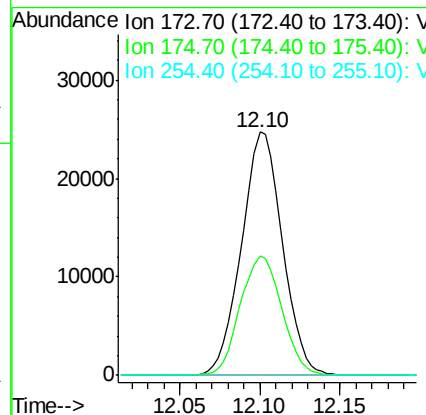
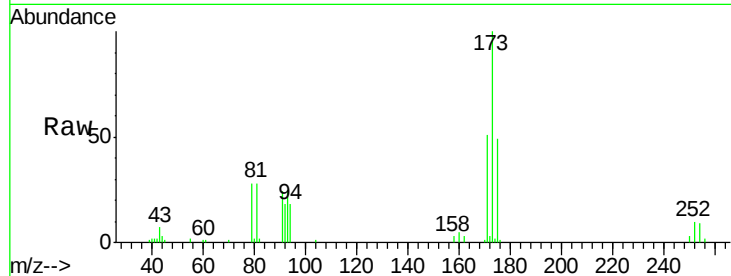
ClientSampleId :

VN1012WBS01

Tot Ion:	173	Resp:	43115
Ion Ratio	Lower	Upper	
173	100		
175	50.0	23.5	70.5
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

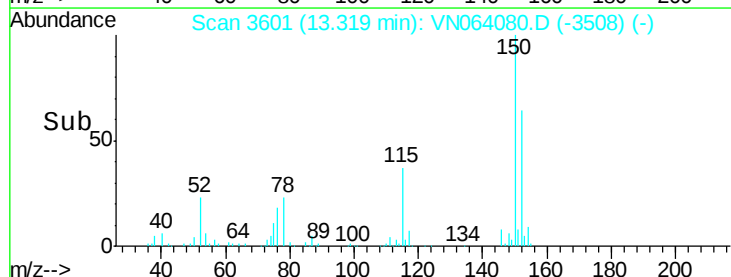
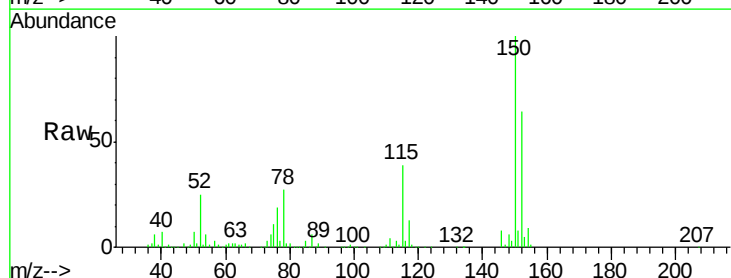
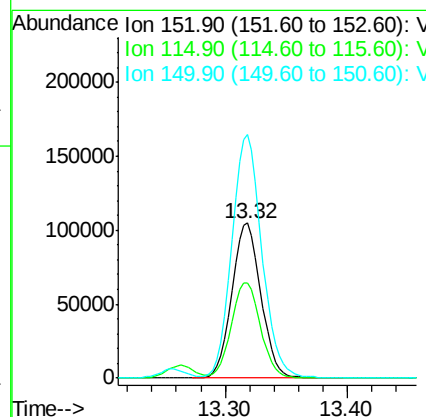
RT: 13.32 min Scan# 3601

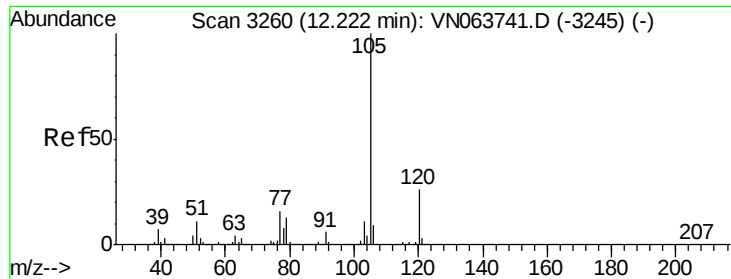
Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion:	152	Resp:	174627
Ion Ratio	Lower	Upper	
152	100		
115	61.5	31.3	93.8
150	161.9	0.0	341.8





#73

Isopropylbenzene

Concen: 18.421 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tot Ion: 105 Resp: 234633

Ion Ratio Lower Upper

105 100

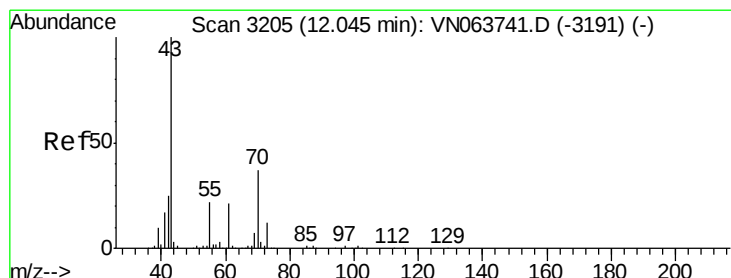
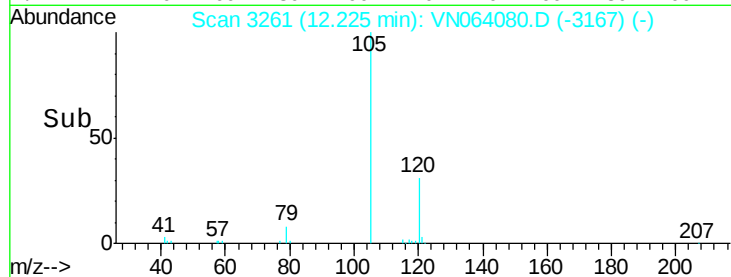
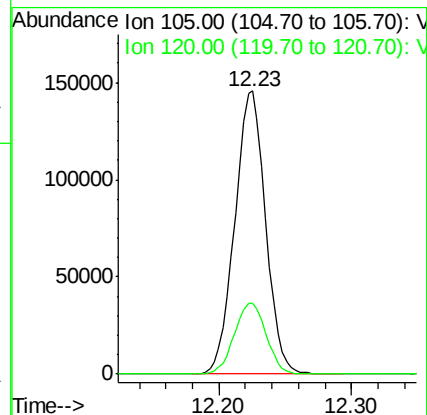
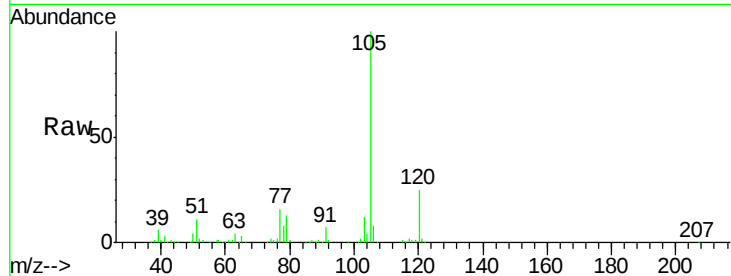
120 26.1 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.257 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion: 43 Resp: 111757

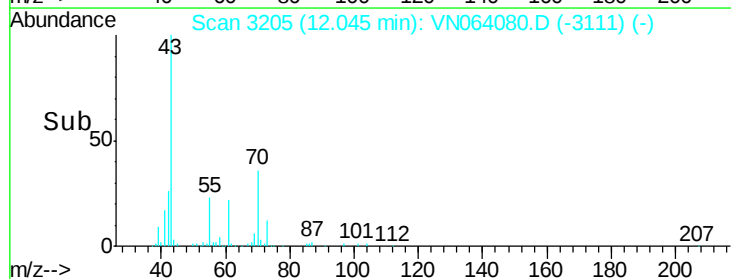
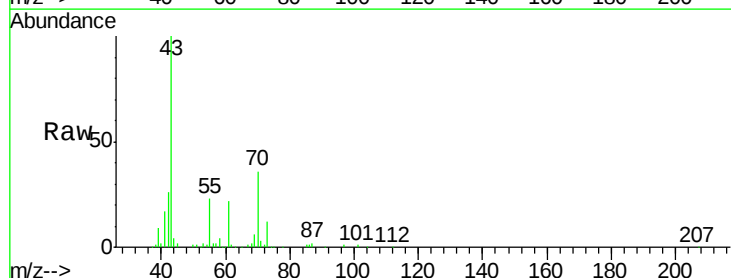
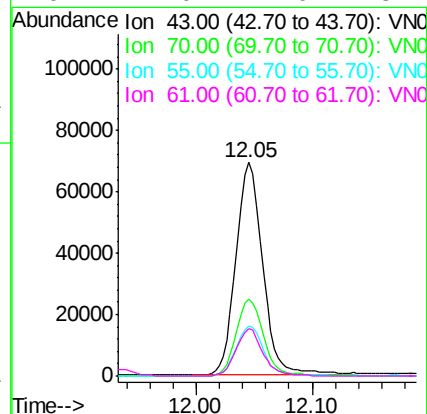
Ion Ratio Lower Upper

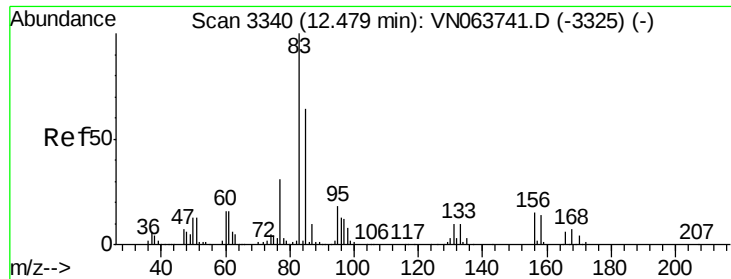
43 100

70 36.8 29.8 44.8

55 23.7 17.9 26.9

61 22.0 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.668 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

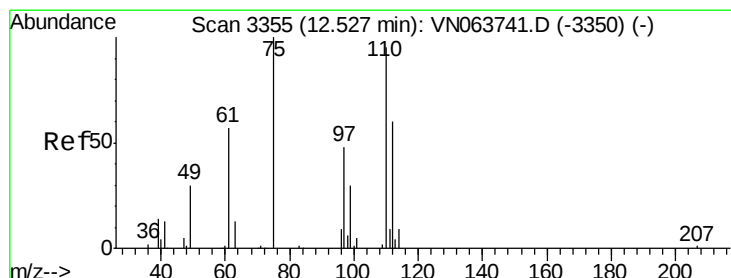
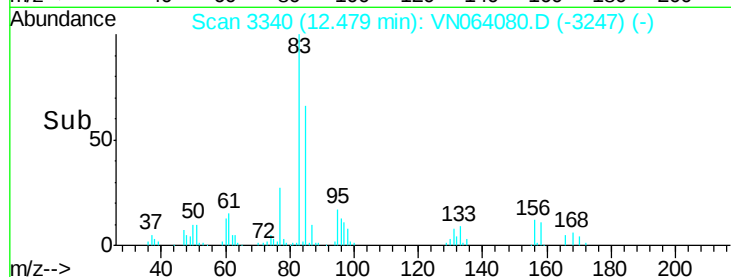
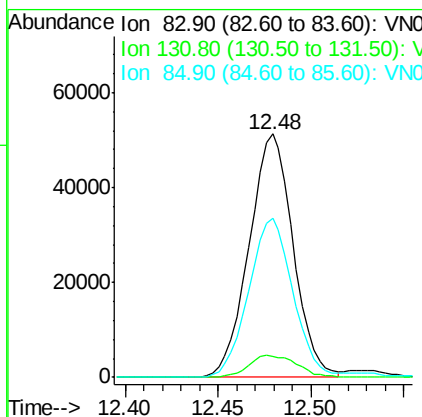
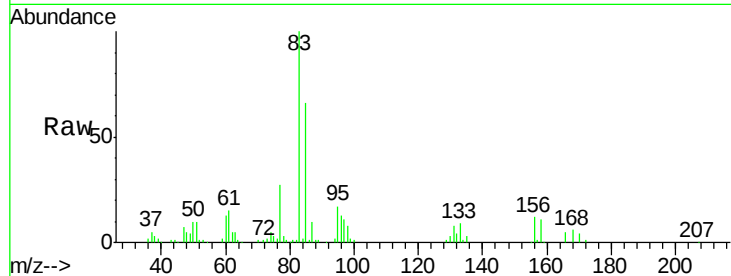
ClientSampleId :

VN1012WBS01

Tot Ion:	83	Resp:	84394
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.3	15.8
85	65.7	31.3	93.8

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#76

1,2,3-Trichloropropane

Concen: 20.890 ug/l m

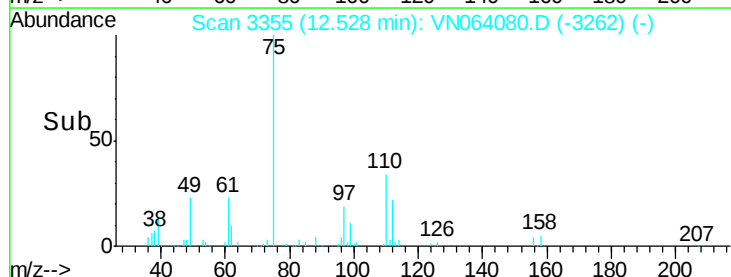
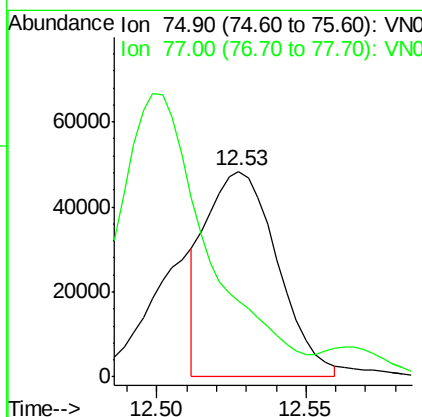
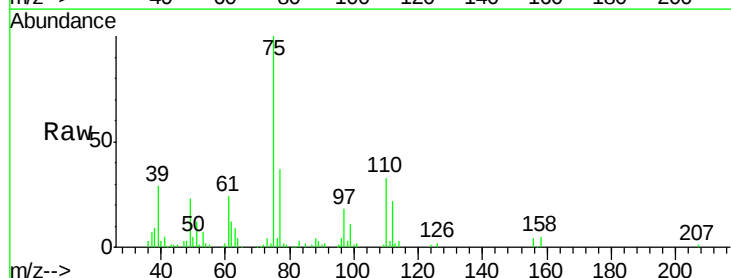
RT: 12.53 min Scan# 3355

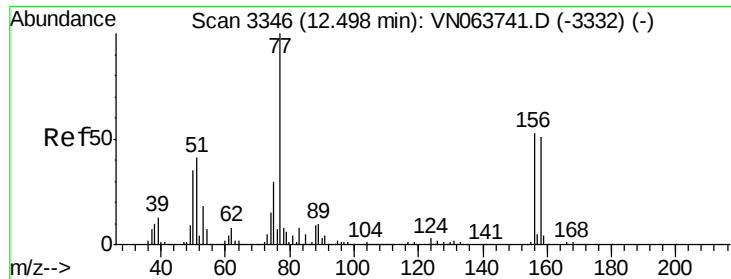
Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion:	75	Resp:	80417
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.223 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tot Ion:156 Resp: 60079

Ion Ratio Lower Upper

156 100

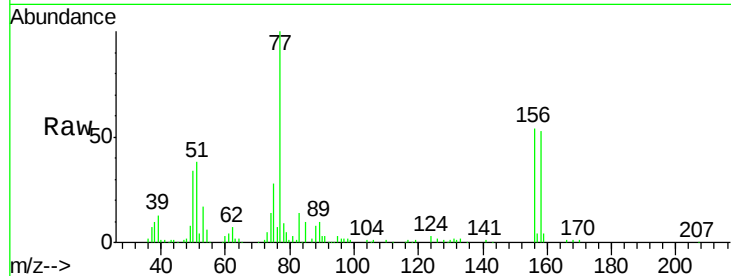
77 232.6 110.9 332.7

158 97.3 47.7 143.1

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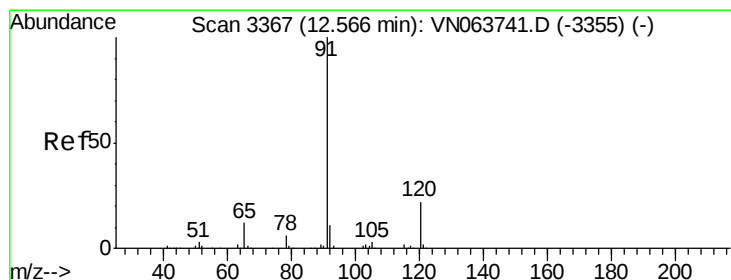
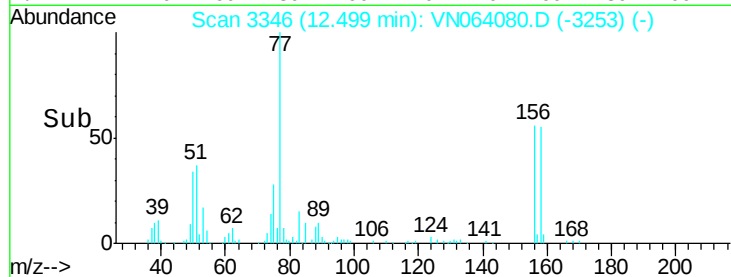
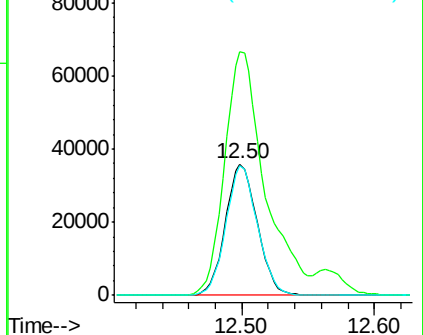
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.354 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064080.D

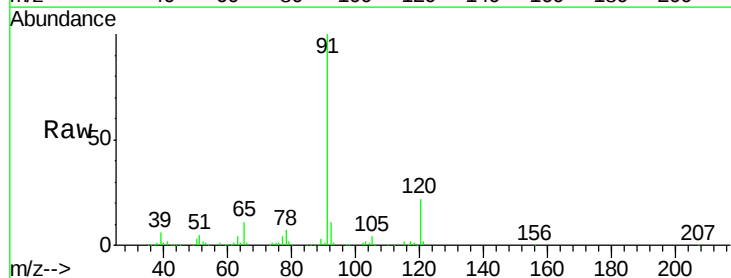
Acq: 12 Oct 2020 16:11

Tgt Ion: 91 Resp: 272069

Ion Ratio Lower Upper

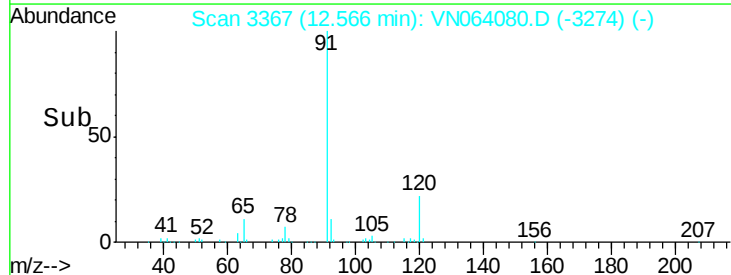
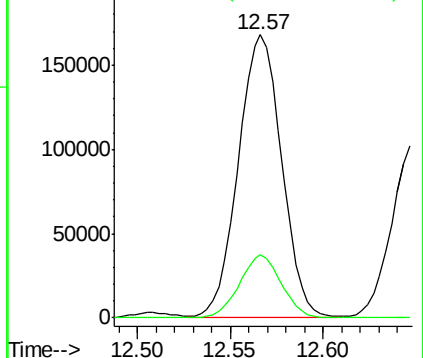
91 100

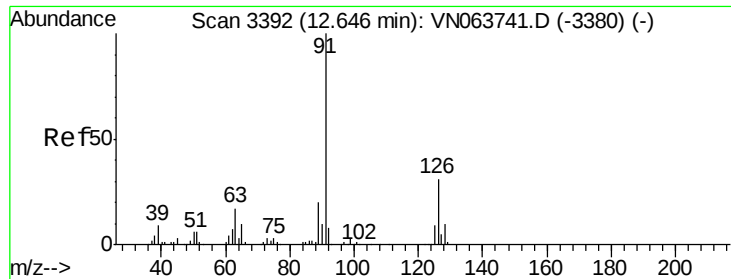
120 21.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.938 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tot Ion: 91 Resp: 172648

Ion Ratio Lower Upper

91 100

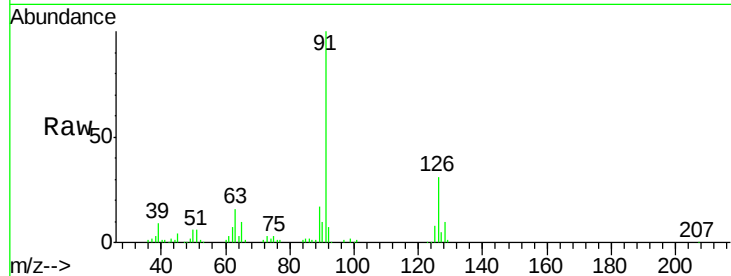
126 32.0 15.9 47.7

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Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

150000

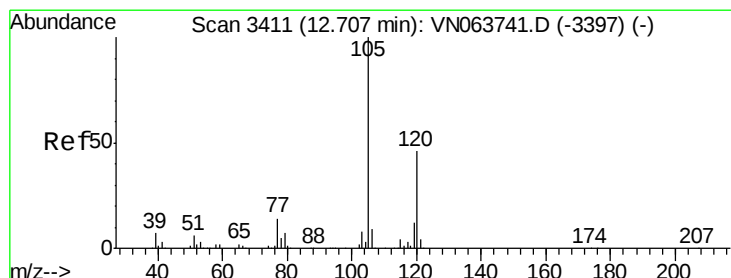
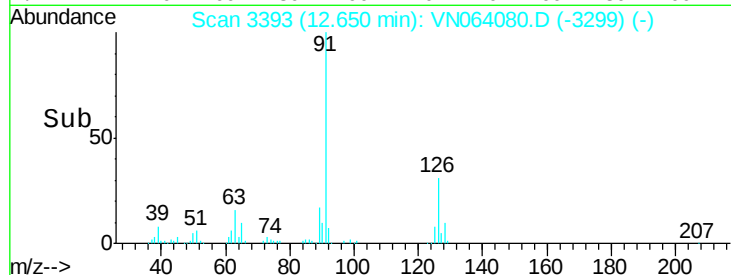
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.408 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064080.D

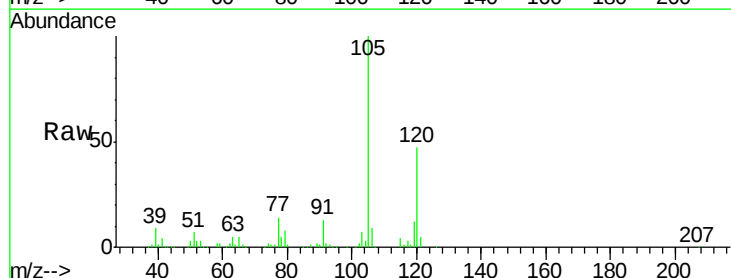
Acq: 12 Oct 2020 16:11

Tgt Ion: 105 Resp: 196704

Ion Ratio Lower Upper

105 100

120 46.3 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

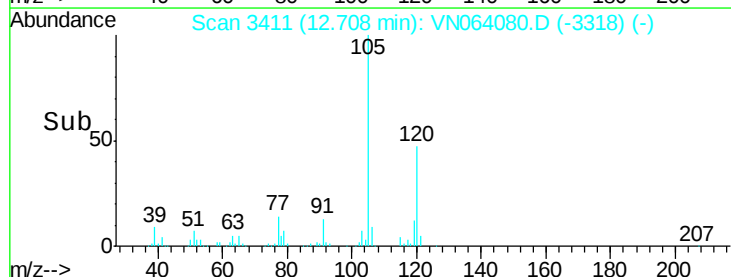
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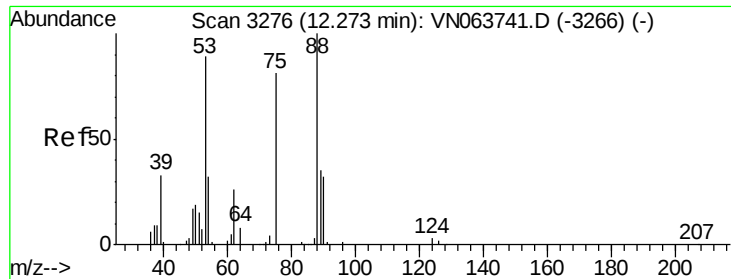
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.470 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tot Ion: 75 Resp: 27359

Ion Ratio Lower Upper

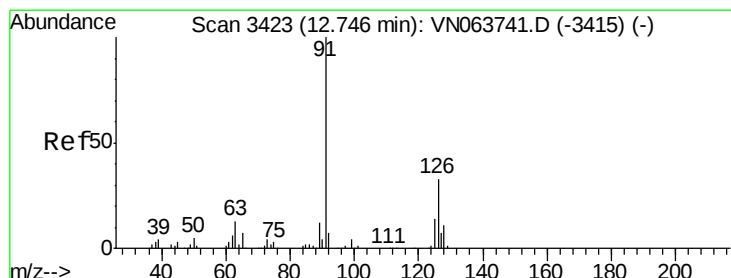
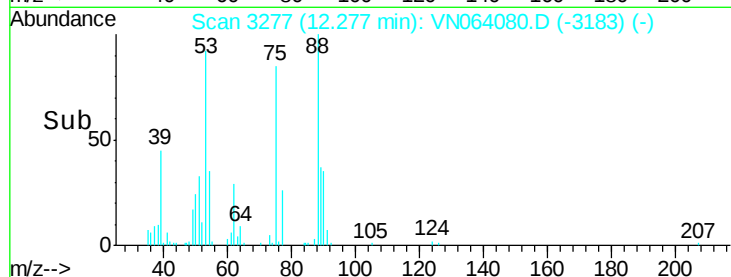
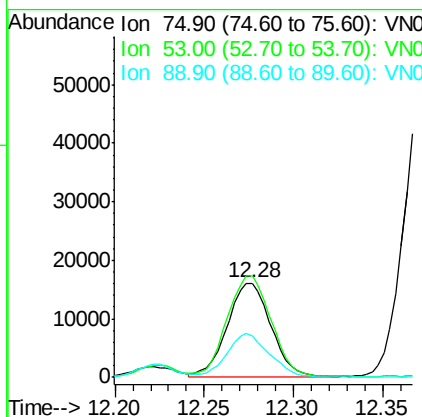
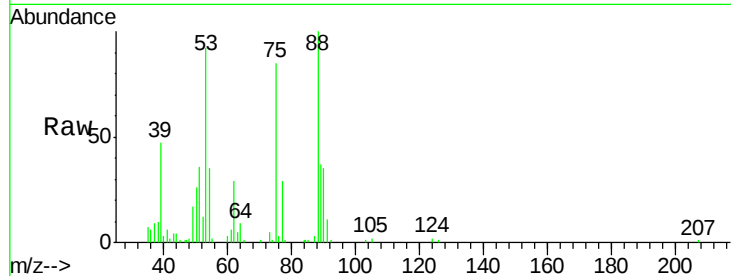
75 100

53 106.0 88.2 132.2

89 45.5 36.0 54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.854 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064080.D

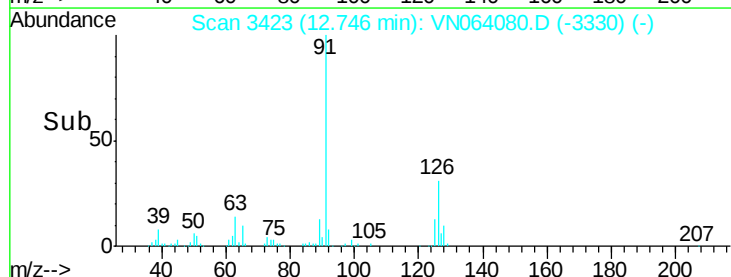
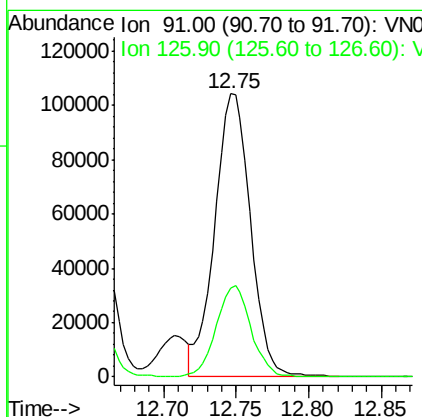
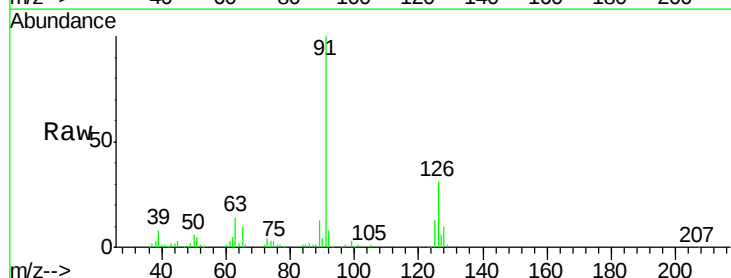
Acq: 12 Oct 2020 16:11

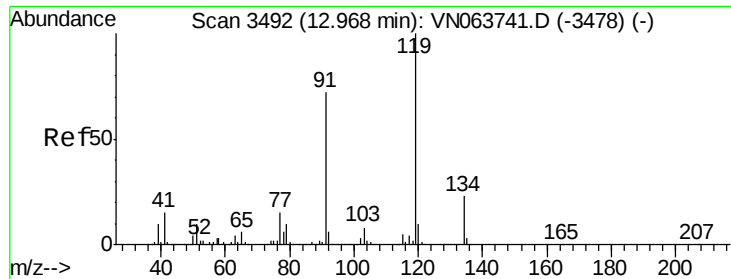
Tgt Ion: 91 Resp: 178436

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.2





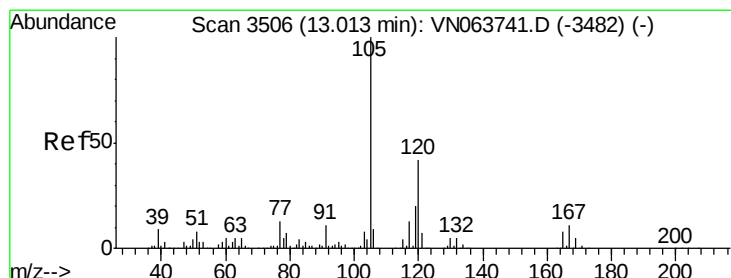
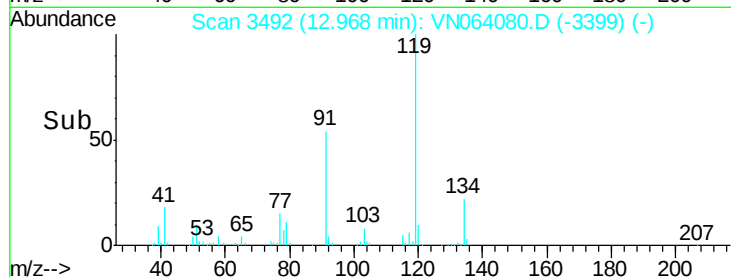
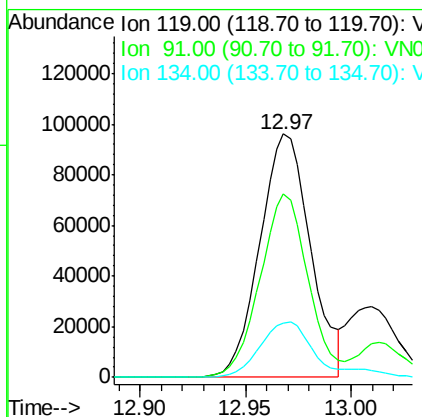
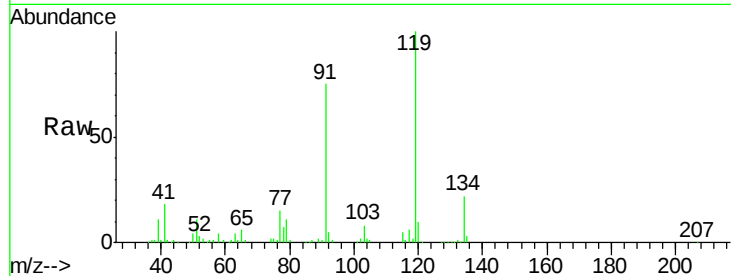
#83
 tert-Butylbenzene
 Concen: 18.395 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	160786		
91	71.4	35.5	106.5	
134	25.2	11.7	35.1	

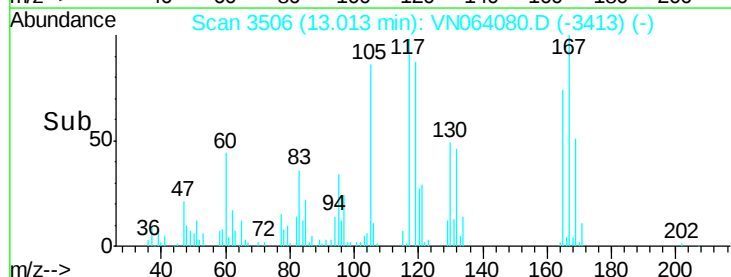
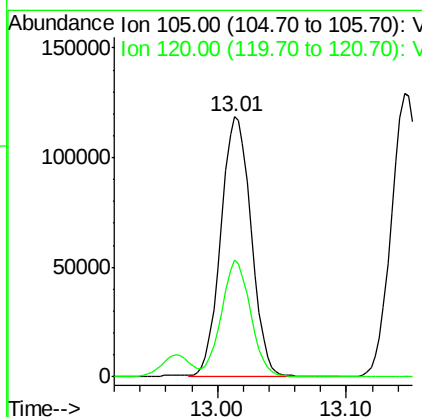
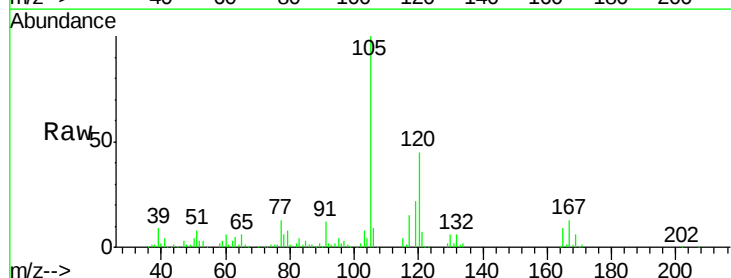
Manual Integrations
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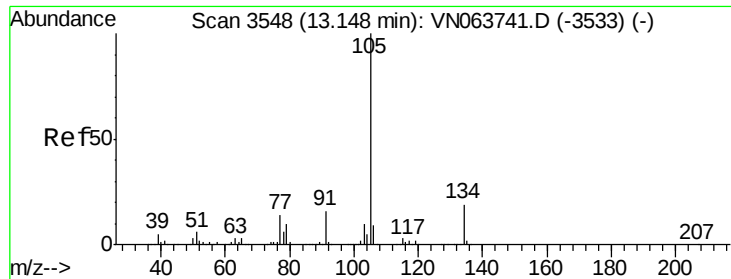
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.032 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192385		
120	43.4	20.9	62.7	





#85

sec-Butylbenzene

Concen: 18.069 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

VN1012WBS01

Tot Ion:105 Resp: 207438

Ion Ratio Lower Upper

105 100

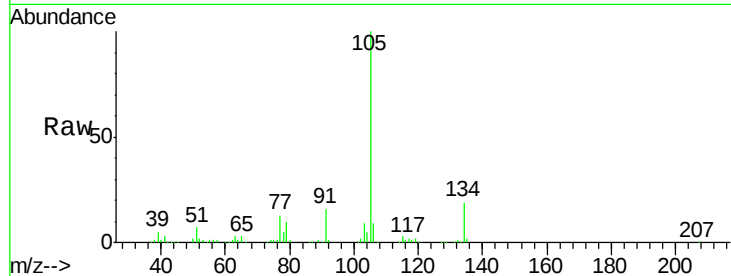
134 18.6 9.5 28.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

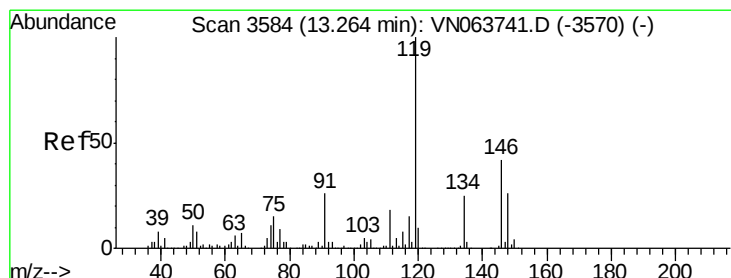
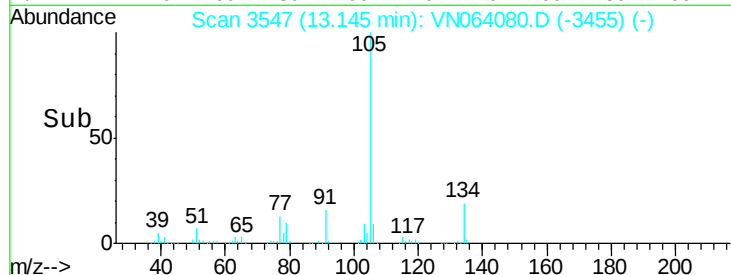
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.706 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

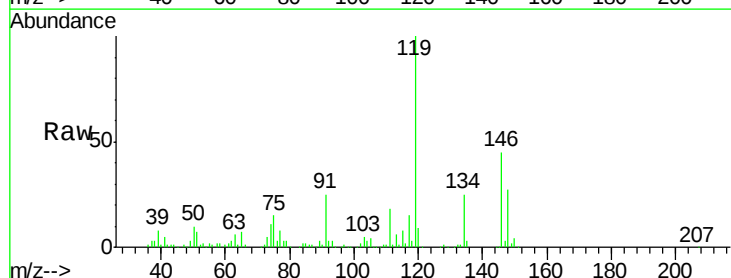
Tgt Ion:119 Resp: 179829

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 26.1 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

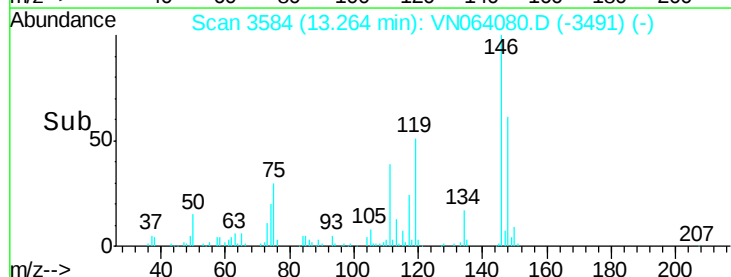
150000

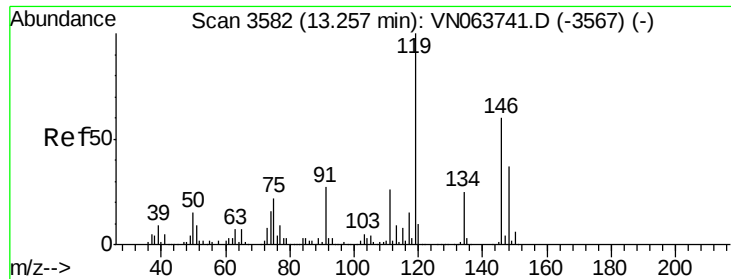
100000

50000

0

Time-->





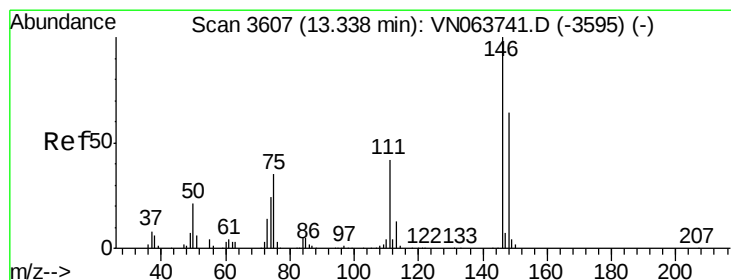
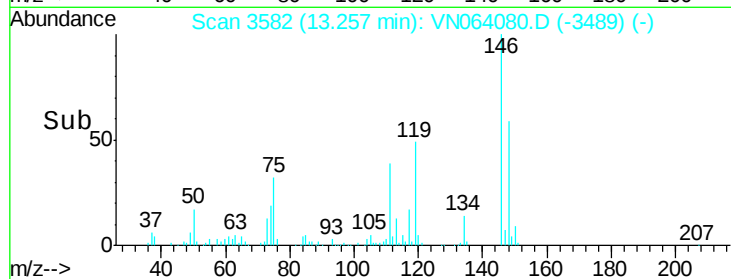
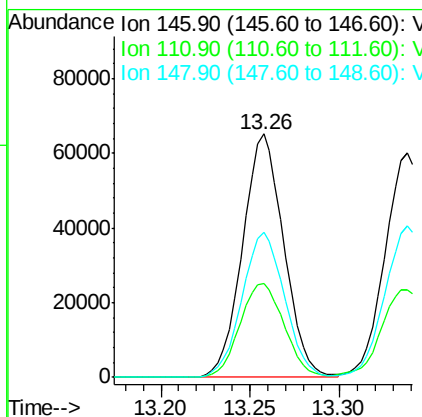
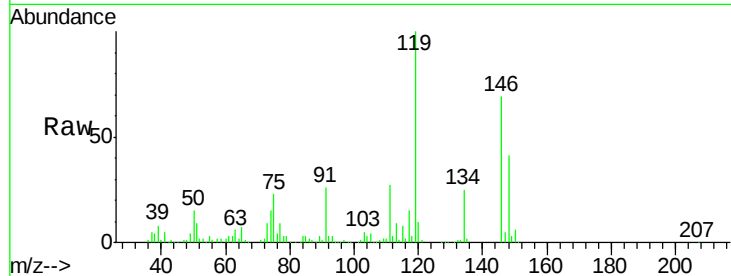
#87
 1,3-Dichlorobenzene
 Concen: 18.693 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.5	64.5
148	61.4	31.1	93.3

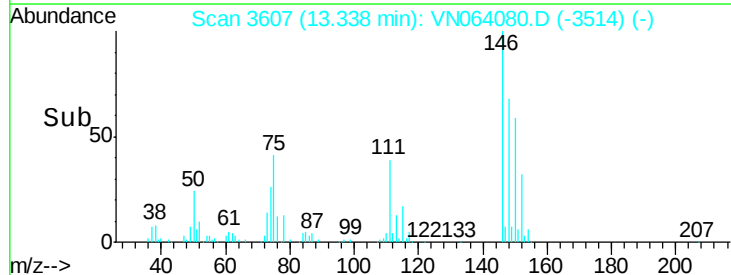
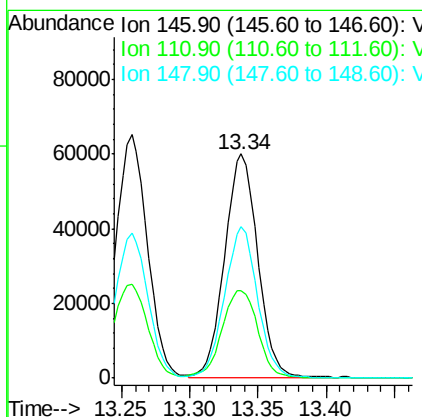
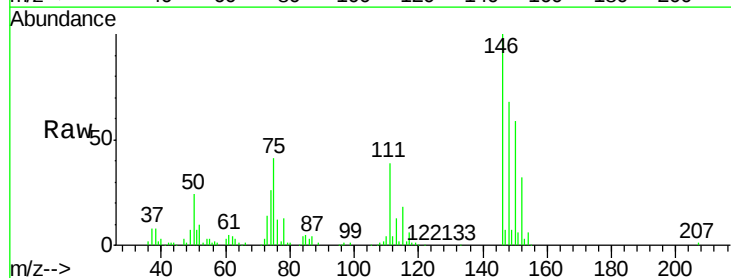
Manual Integrations
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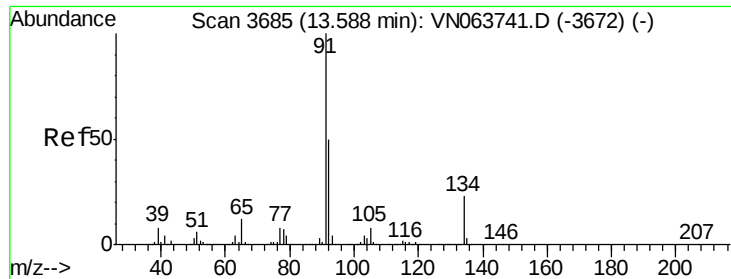
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#88
 1,4-Dichlorobenzene
 Concen: 17.111 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.7
148	66.8	32.0	96.0





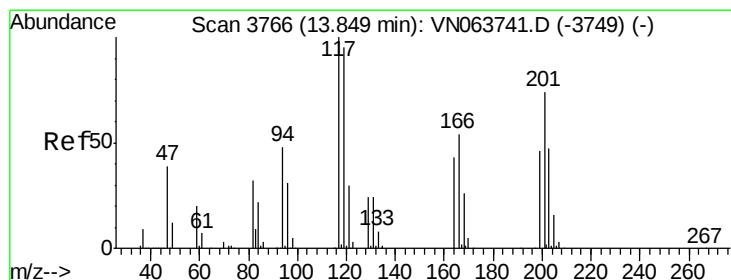
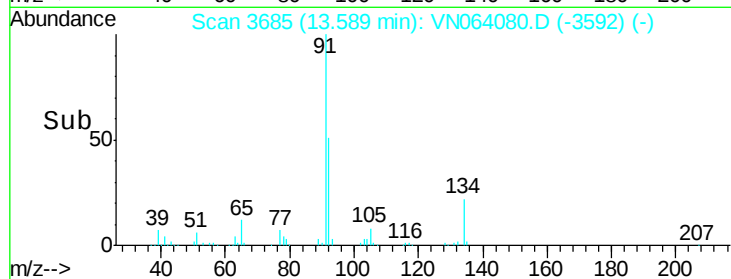
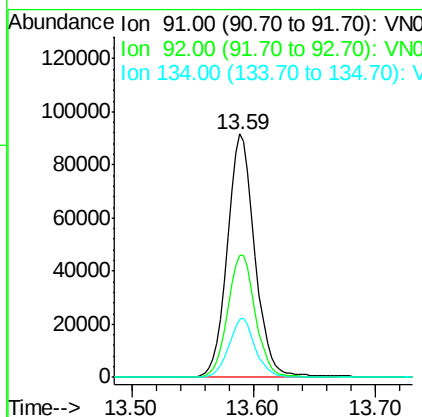
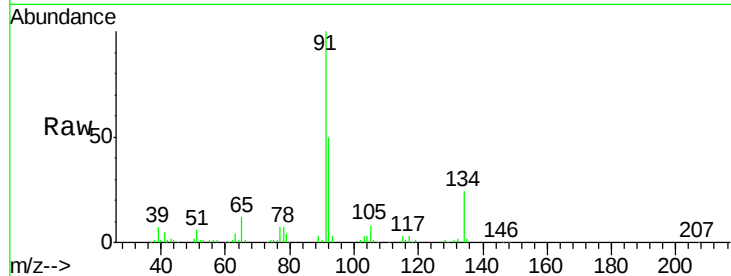
#89
n-Butylbenzene
Concen: 15.434 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.4	76.4
134	23.4	11.7	35.1

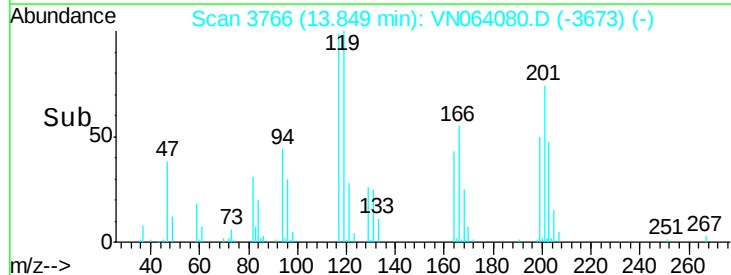
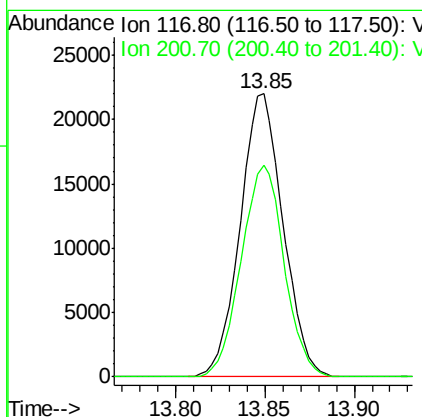
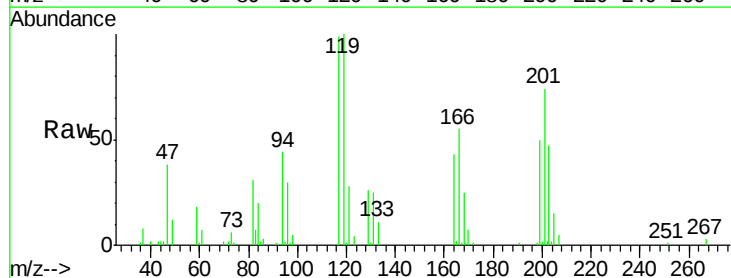
Manual Integrations
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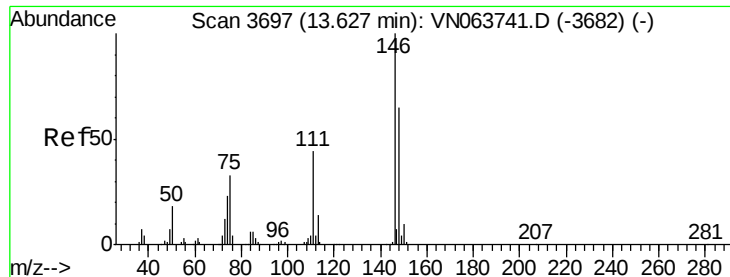
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#90
Hexachloroethane
Concen: 18.705 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	36.0	108.0





#91

1,2-Dichlorobenzene

Concen: 18.086 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

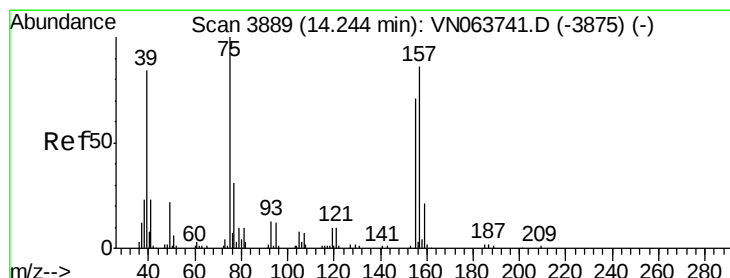
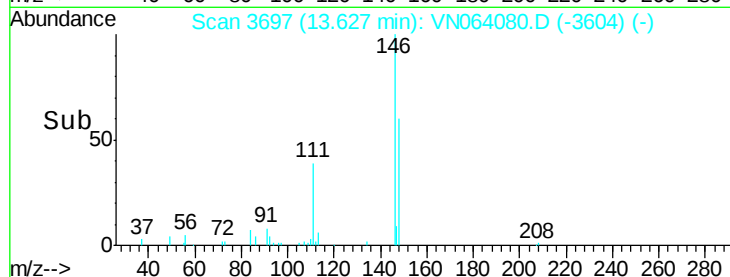
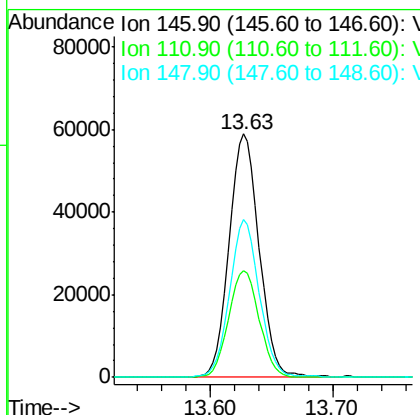
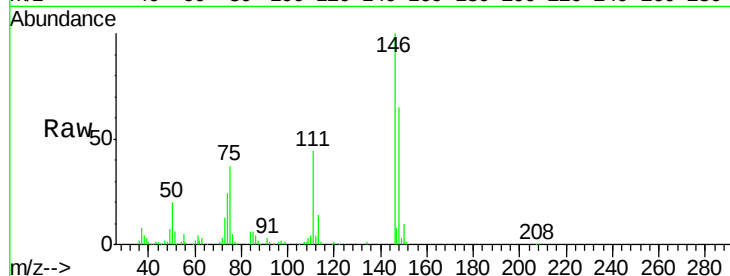
ClientSampleId :

VN1012WBS01

Tot Ion:	146	Resp:	101286
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.2	66.6
148	63.9	32.5	97.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.432 ug/l

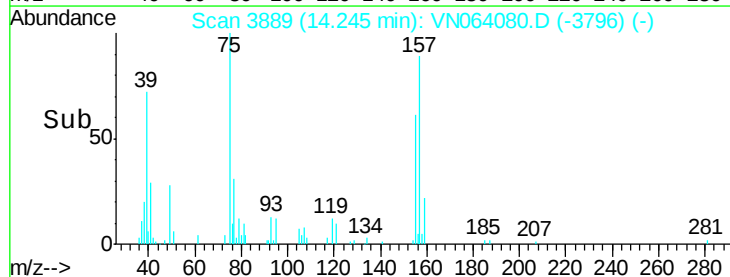
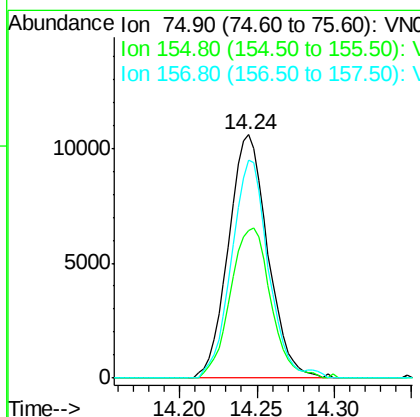
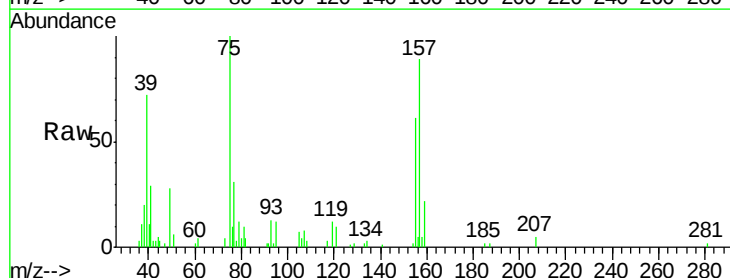
RT: 14.24 min Scan# 3889

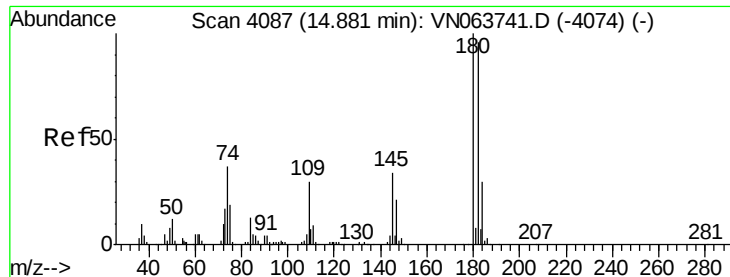
Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion:	75	Resp:	18663
Ion Ratio	Lower	Upper	
75	100		
155	63.2	34.8	104.5
157	83.1	43.7	131.1





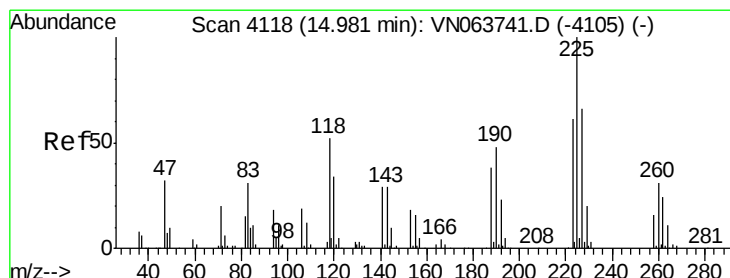
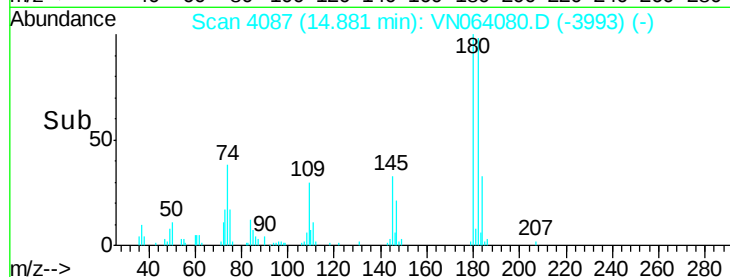
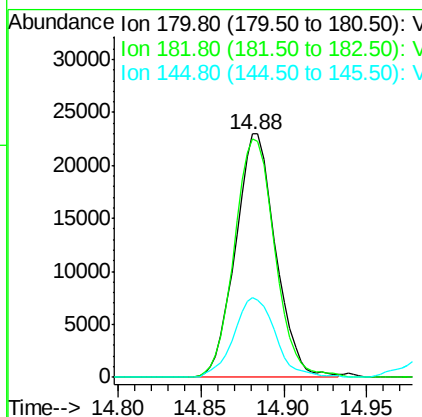
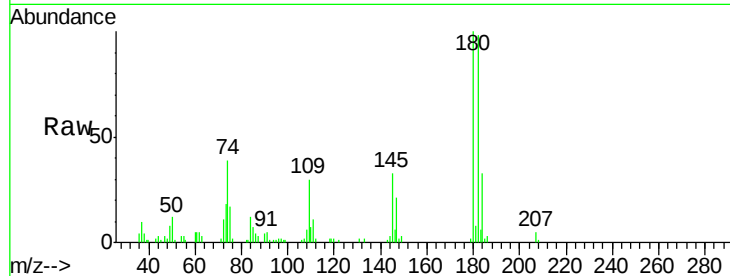
#93
 1,2,4-Trichlorobenzene
 Concen: 13.998 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.1	48.2	144.6	
145	34.0	17.1	51.2	

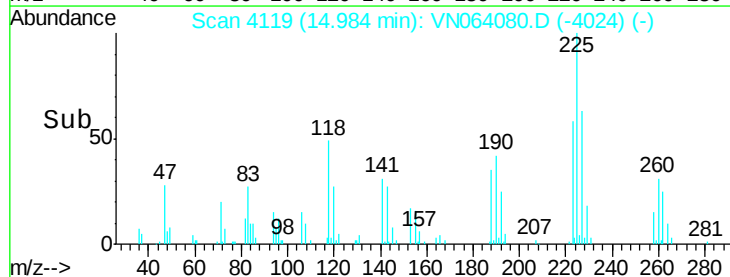
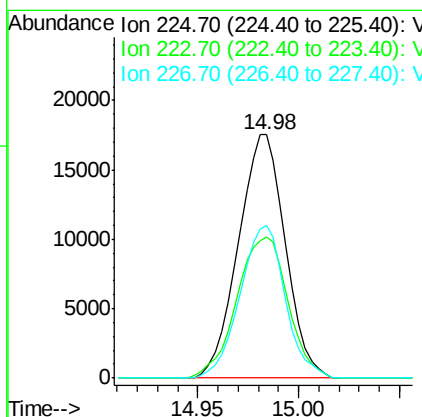
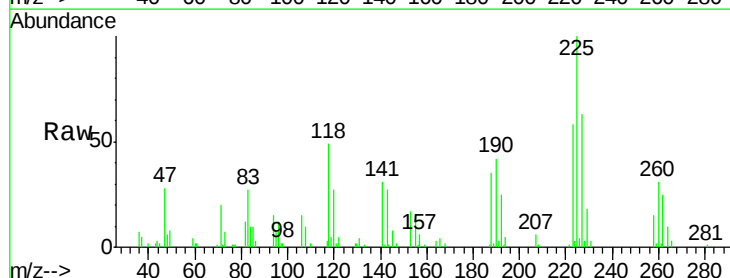
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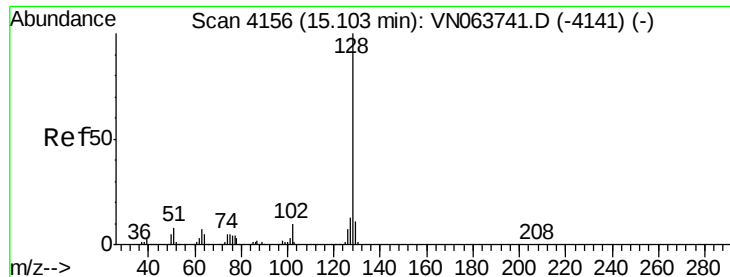
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#94
 Hexachlorobutadiene
 Concen: 18.883 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	30.3	91.0	
227	60.2	31.9	95.5	





#95

Naphthalene

Concen: 14.193 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

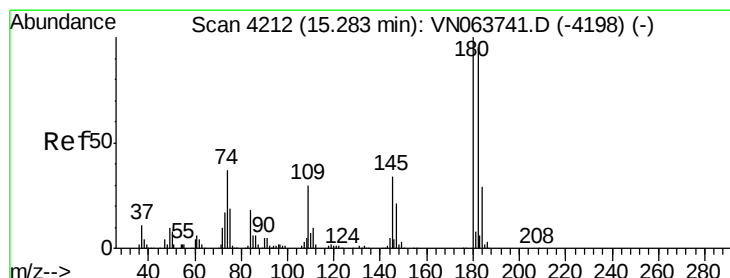
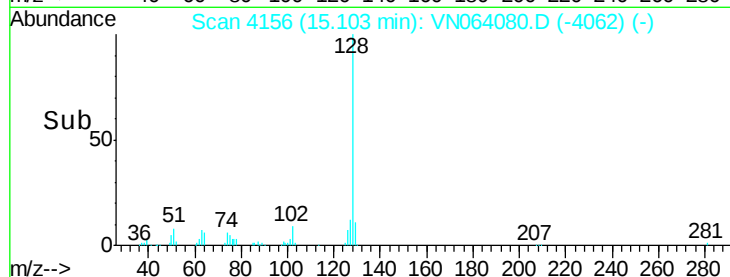
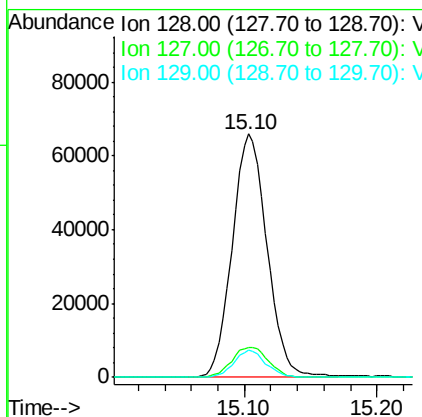
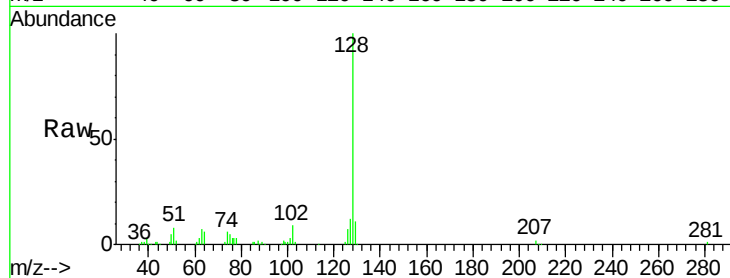
ClientSampleId :

VN1012WBS01

Tot Ion:	128	Resp:	120230
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.3	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 15.176 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion:	180	Resp:	41493
Ion Ratio	Lower	Upper	
180	100		
182	97.3	47.9	143.6
145	36.8	17.2	51.5

