

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064052.D
 Acq On : 9 Oct 2020 22:25
 Operator : JC/MD
 Sample : VN1009WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:10:12 PM

Quant Time: Oct 10 02:50:30 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	228924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	367175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196411	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	7.55	113	136886	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.06	98	494034	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.38	95	177709	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42167	17.457	ug/l	97
3) Chloromethane	2.04	50	51758	18.261	ug/l	98
4) Vinyl Chloride	2.16	62	50751	17.838	ug/l	99
5) Bromomethane	2.53	94	30080	16.809	ug/l	96
6) Chloroethane	2.67	64	32896	19.350	ug/l	95
7) Trichlorofluoromethane	2.99	101	81858	18.141	ug/l	98
8) Diethyl Ether	3.38	74	29171	19.116	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44293	18.366	ug/l	98
10) Methyl Iodide	3.91	142	48726	17.401	ug/l	99
11) Tert butyl alcohol	4.73	59	44380	106.288	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	42668	18.509	ug/l	95
13) Acrolein	3.57	56	33042	128.937	ug/l	99
14) Allyl chloride	4.28	41	86429	20.181	ug/l	90
15) Acrylonitrile	4.93	53	131021	109.623	ug/l	98
16) Acetone	3.78	43	121059	103.983	ug/l	98
17) Carbon Disulfide	4.01	76	110581	18.200	ug/l	98
18) Methyl Acetate	4.28	43	70636	23.368	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	158209	18.890	ug/l	100
20) Methylene Chloride	4.51	84	55085	20.715	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	46175	17.883	ug/l	99
22) Diisopropyl ether	5.90	45	189070	21.458	ug/l	94
23) Vinyl Acetate	5.85	43	744128	101.950	ug/l	99
24) 1,1-Dichloroethane	5.80	63	100981	20.044	ug/l	99
25) 2-Butanone	6.79	43	186455	112.964	ug/l	98
26) 2,2-Dichloropropane	6.78	77	75789	16.427	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	54805	18.455	ug/l	97
28) Bromochloromethane	7.15	49	51314	20.608	ug/l	97
29) Tetrahydrofuran	7.17	42	124231	112.220	ug/l	95
30) Chloroform	7.33	83	104584	19.909	ug/l	94
31) Cyclohexane	7.62	56	79039	18.002	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	91524	19.316	ug/l	98
36) 1,1-Dichloropropene	7.75	75	72556	18.451	ug/l	98
37) Ethyl Acetate	6.88	43	79446	20.335	ug/l	99
38) Carbon Tetrachloride	7.73	117	80169	18.180	ug/l	94

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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)
39) Methylcyclohexane	9.05	83	61456	15.671	ug/l	98
40) Benzene	8.00	78	215584	19.194	ug/l	96
41) Methacrylonitrile	7.14	41	34565m	19.906	ug/l	
42) 1,2-Dichloroethane	8.08	62	90616	18.900	ug/l	99
43) Isopropyl Acetate	8.13	43	129679	20.123	ug/l	100
44) Trichloroethene	8.80	130	52206	17.739	ug/l	99
45) 1,2-Dichloropropane	9.09	63	59777	19.706	ug/l	98
46) Dibromomethane	9.17	93	40540	19.373	ug/l	96
47) Bromodichloromethane	9.37	83	81972	19.007	ug/l	99
48) Methyl methacrylate	9.17	41	63583	19.970	ug/l	90
49) 1,4-Dioxane	9.17	88	16953	374.648	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	407280	107.694	ug/l	99
52) Toluene	10.13	92	133571	19.226	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	83734	18.112	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	88059	18.213	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52726	18.924	ug/l	97
56) Ethyl methacrylate	10.40	69	72310	18.310	ug/l	96
57) 1,3-Dichloropropane	10.68	76	90785	19.260	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	206218	97.618	ug/l	98
59) 2-Hexanone	10.72	43	287343	102.280	ug/l	100
60) Dibromochloromethane	10.87	129	59329	18.285	ug/l	99
61) 1,2-Dibromoethane	10.98	107	54110	18.986	ug/l	100
64) Tetrachloroethene	10.60	164	48322	17.010	ug/l	99
65) Chlorobenzene	11.41	112	134413	17.846	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	55505	19.222	ug/l	98
67) Ethyl Benzene	11.48	91	239444	17.471	ug/l	100
68) m/p-Xylenes	11.60	106	176384	34.531	ug/l	98
69) o-Xylene	11.92	106	82826	17.349	ug/l	97
70) Styrene	11.94	104	144724	17.858	ug/l	99
71) Bromoform	12.10	173	39736	17.993	ug/l #	97
73) Isopropylbenzene	12.23	105	226247	19.229	ug/l	99
74) N-amyl acetate	12.05	43	105828	20.710	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	78653	21.861	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	72796m	20.472	ug/l	
77) Bromobenzene	12.50	156	57371	19.872	ug/l	98
78) n-propylbenzene	12.57	91	255160	18.634	ug/l	100
79) 2-Chlorotoluene	12.65	91	164098	19.485	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	189916	19.240	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	24412	19.773	ug/l	98
82) 4-Chlorotoluene	12.75	91	168497	19.273	ug/l	98
83) tert-Butylbenzene	12.97	119	149603	18.528	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	187577	19.033	ug/l	97
85) sec-Butylbenzene	13.15	105	196498	18.529	ug/l	100
86) p-Isopropyltoluene	13.26	119	172207	18.355	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	96724	18.518	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	98623	18.135	ug/l	99
89) n-Butylbenzene	13.59	91	142666	16.476	ug/l	98
90) Hexachloroethane	13.85	117	34839	19.163	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	97162	18.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	17161	20.338	ug/l	96

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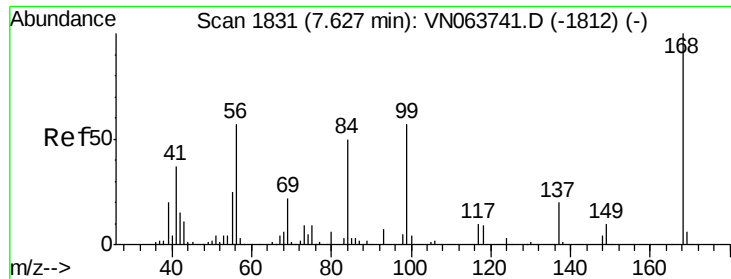
Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:10:12 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
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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	40896	15.769	ug/l	97
94) Hexachlorobutadiene	14.98	225	27293	19.499	ug/l	96
95) Naphthalene	15.10	128	117092	14.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	41704	16.374	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tot Ion:168 Resp: 228924

Ion Ratio Lower Upper

168 100

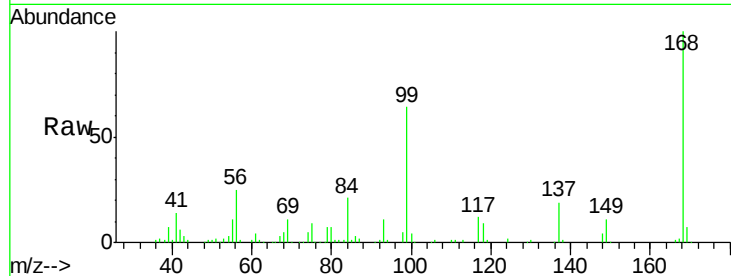
99 63.9 51.8 77.6

Manual Integrations

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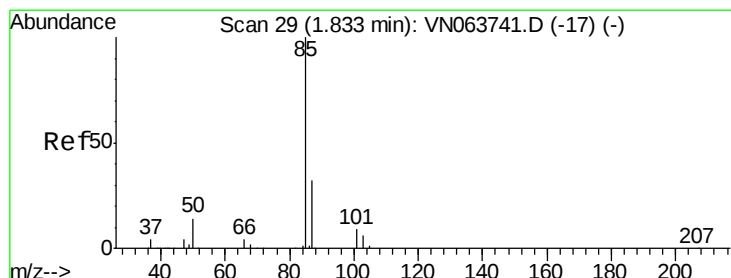
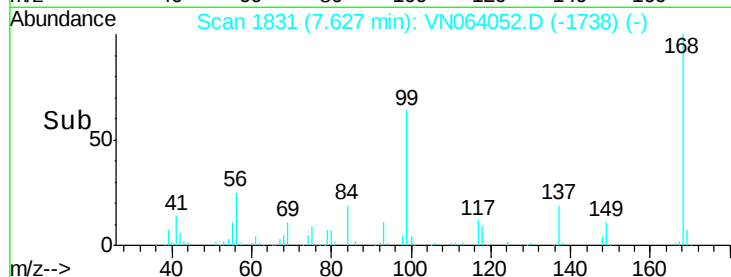
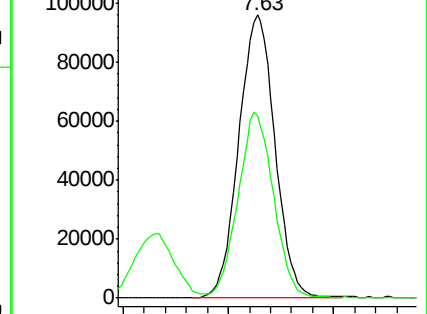
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.457 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064052.D

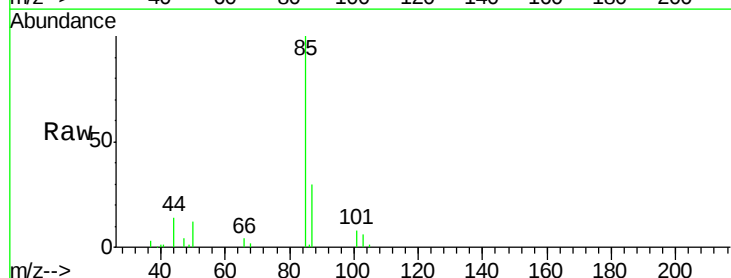
Acq: 9 Oct 2020 22:25

Tgt Ion: 85 Resp: 42167

Ion Ratio Lower Upper

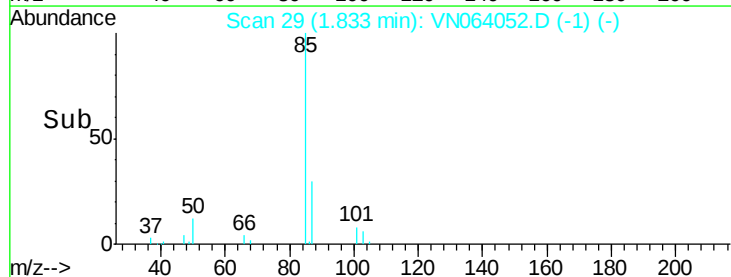
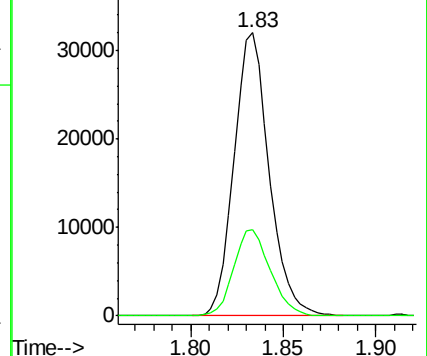
85 100

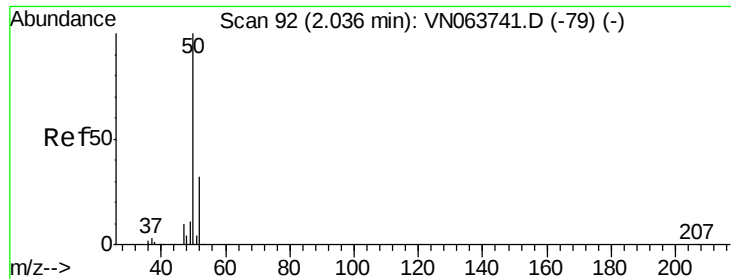
87 30.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.261 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tot Ion: 50 Resp: 51758

Ion Ratio Lower Upper

50 100

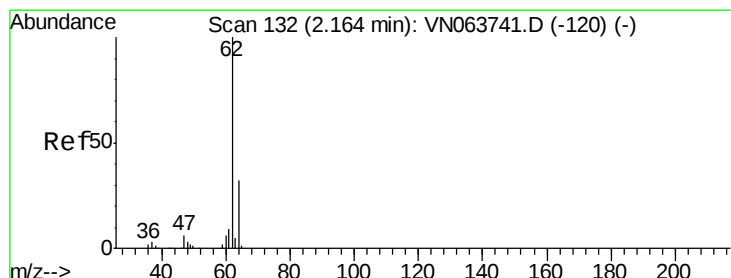
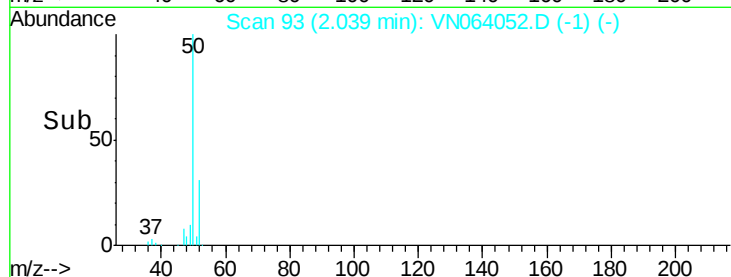
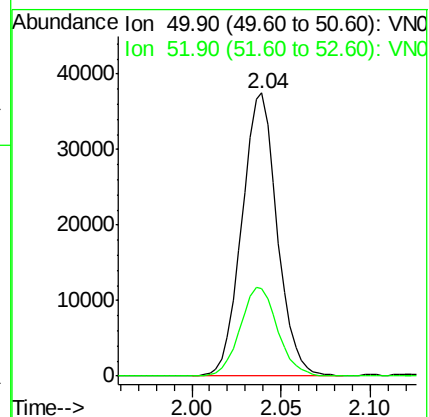
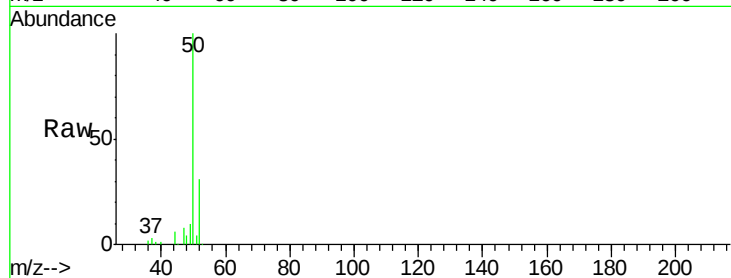
52 31.0 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.838 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064052.D

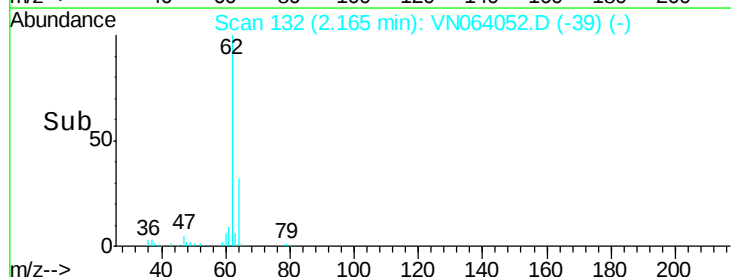
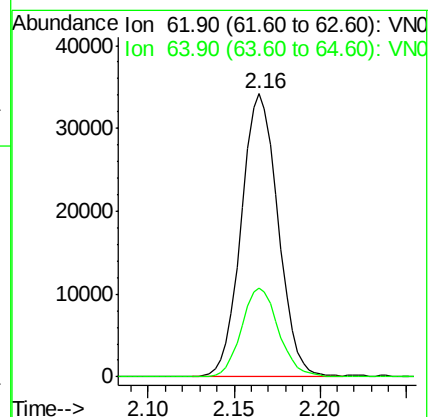
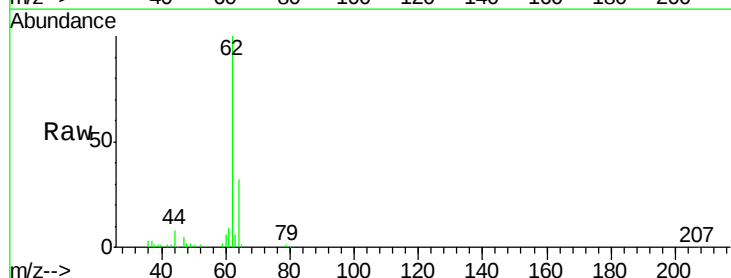
Acq: 9 Oct 2020 22:25

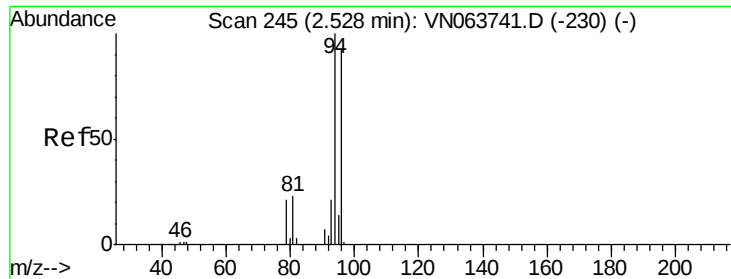
Tgt Ion: 62 Resp: 50751

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 16.809 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tot Ion: 94 Resp: 30080

Ion Ratio Lower Upper

94 100

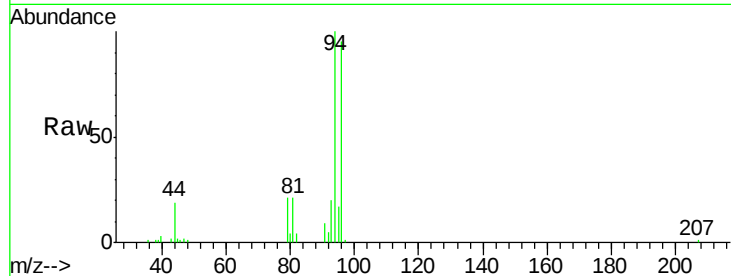
96 94.9 73.3 109.9

Manual Integrations

APPROVED

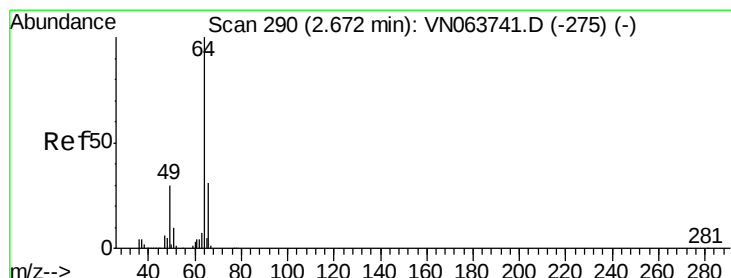
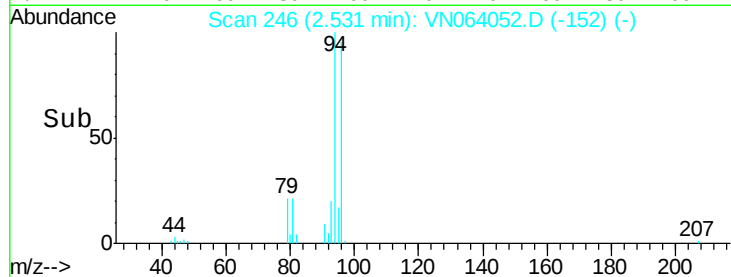
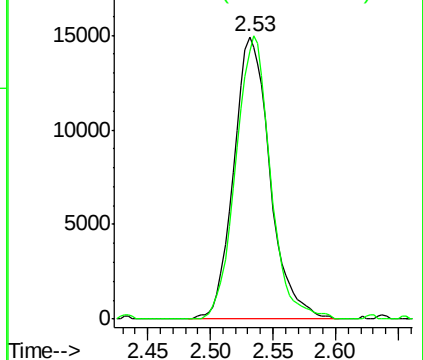
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.350 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064052.D

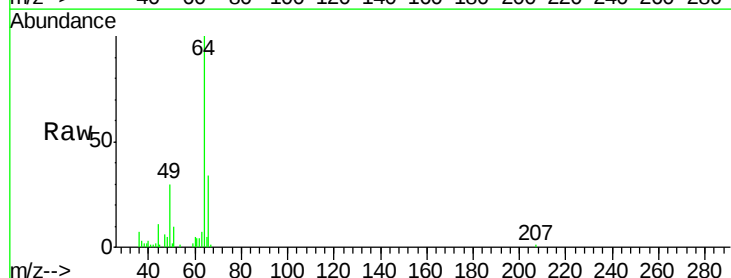
Acq: 9 Oct 2020 22:25

Tgt Ion: 64 Resp: 32896

Ion Ratio Lower Upper

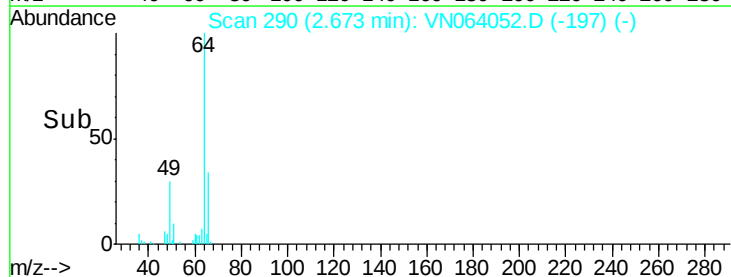
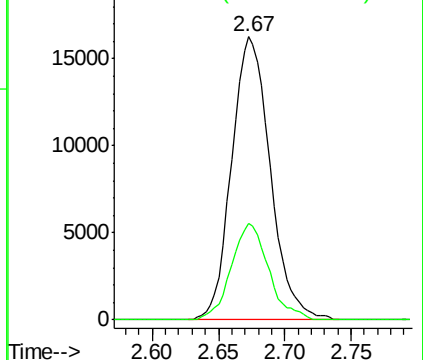
64 100

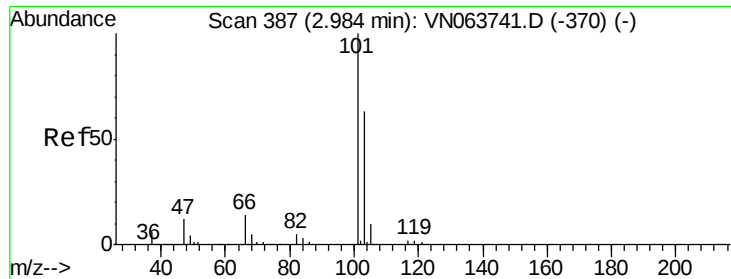
66 33.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

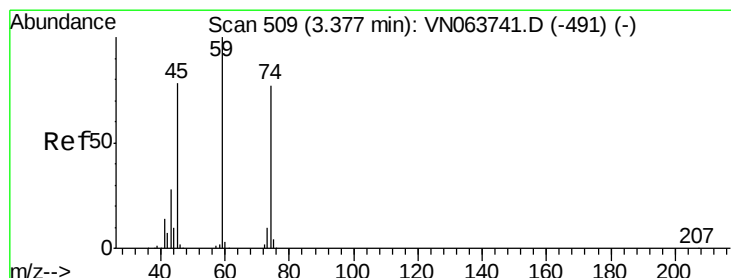
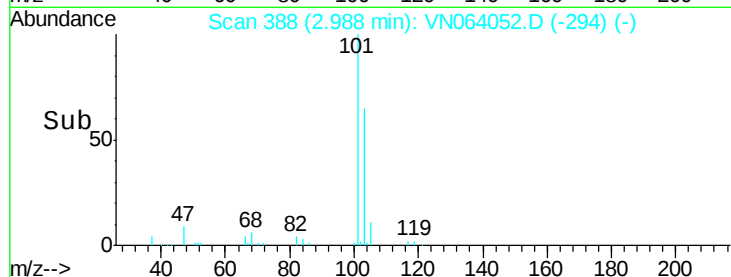
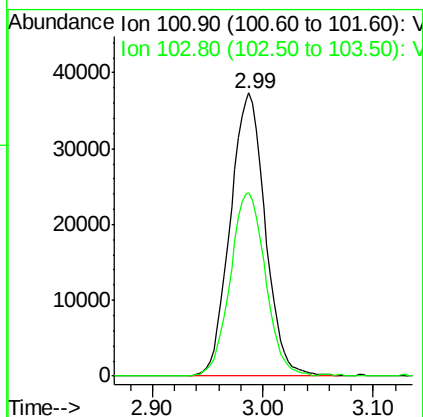
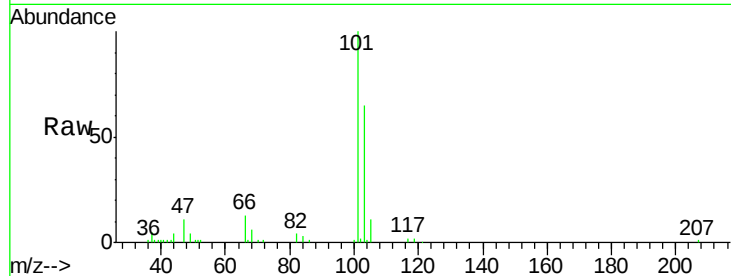
Trichlorofluoromethane
Concen: 18.141 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.7	76.1

Manual Integrations
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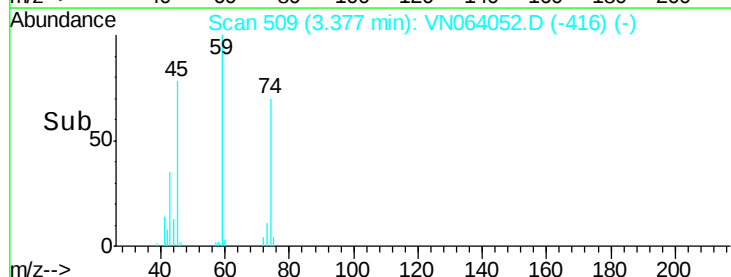
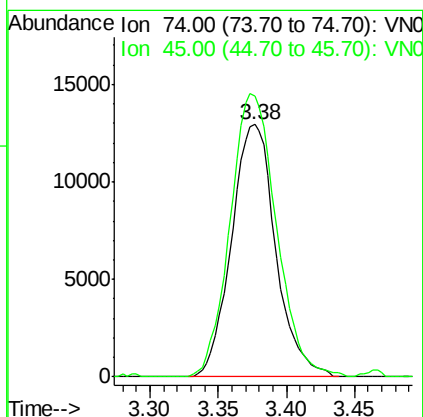
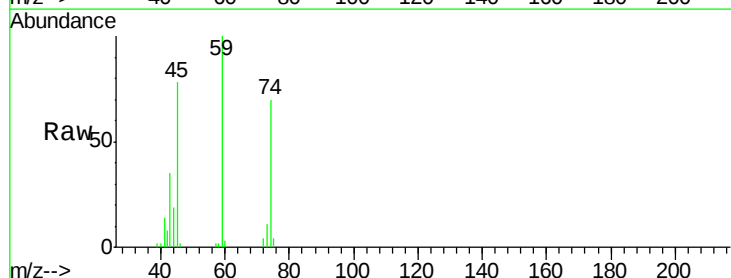
MMDadoda
10/12/2020 2:10:12 PM

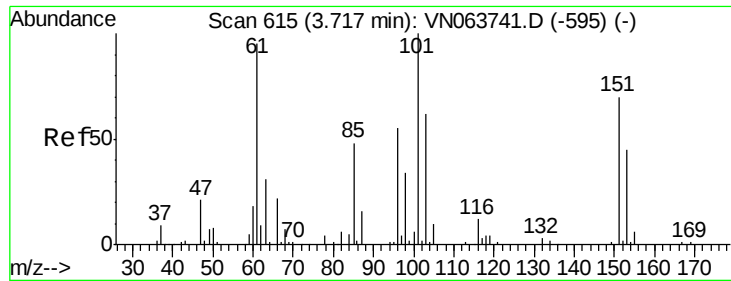


#8

Diethyl Ether
Concen: 19.116 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.5	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.366 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

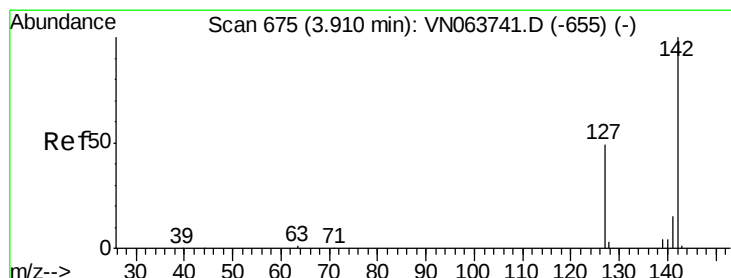
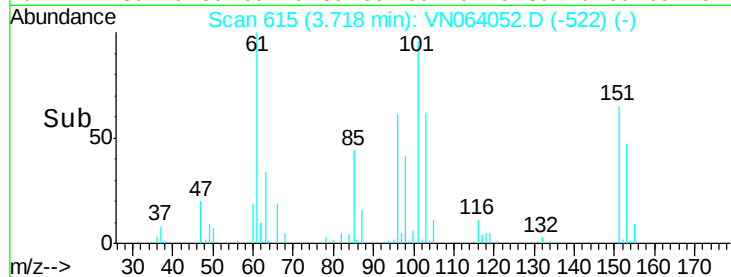
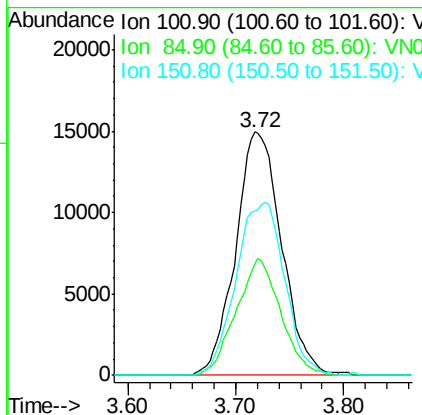
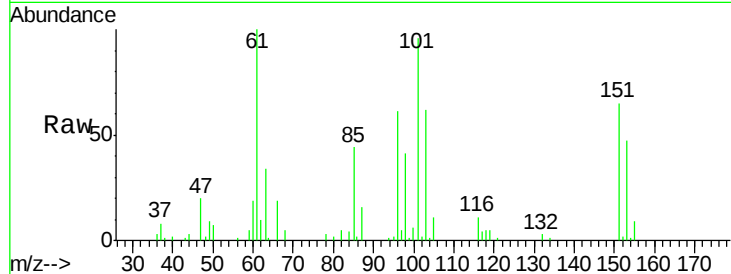
ClientSampleId :

VN1009WBS02

Tot Ion:	101	Resp:	44293
Ion Ratio	Lower	Upper	
101	100		
85	46.3	38.6	58.0
151	75.1	58.7	88.1

Manual Integrations
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#10

Methyl Iodide

Concen: 17.401 ug/l

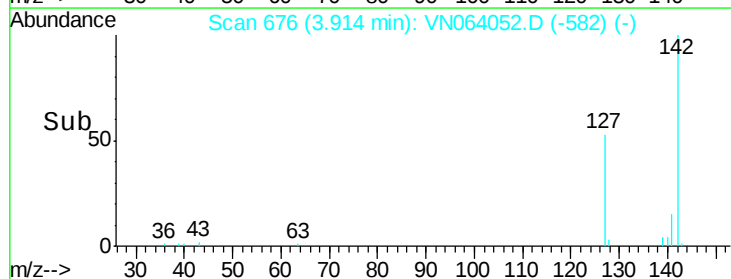
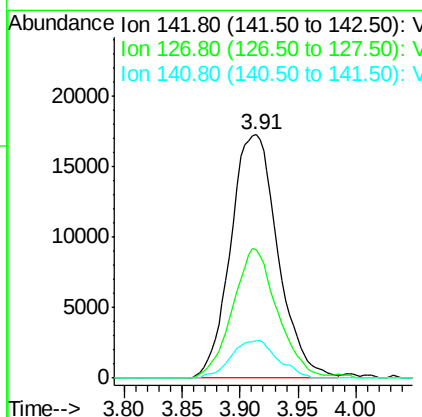
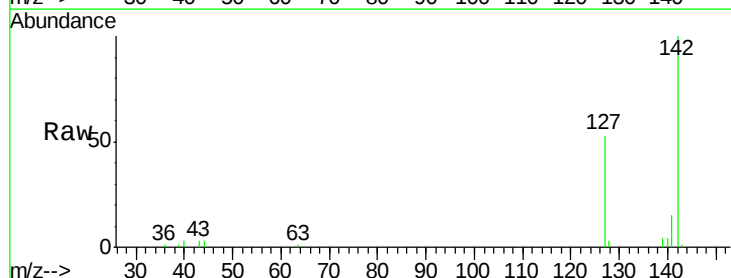
RT: 3.91 min Scan# 676

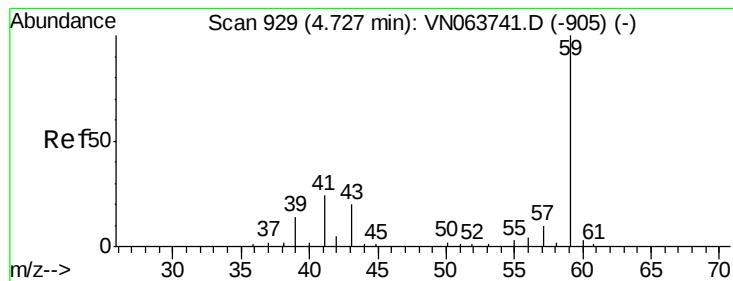
Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Tgt Ion:	142	Resp:	48726
Ion Ratio	Lower	Upper	
142	100		
127	50.4	40.5	60.7
141	15.2	11.7	17.5





#11

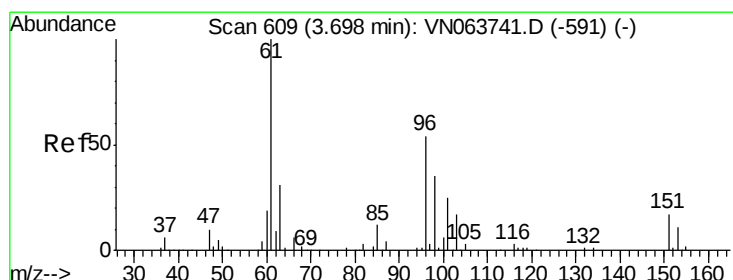
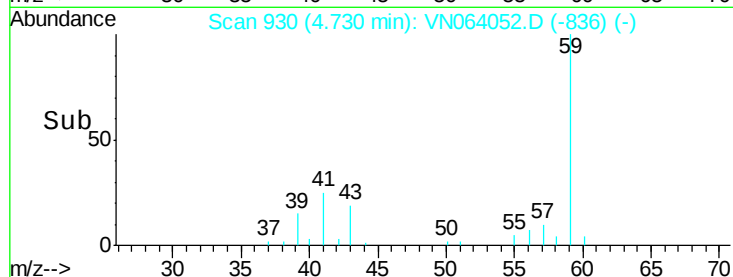
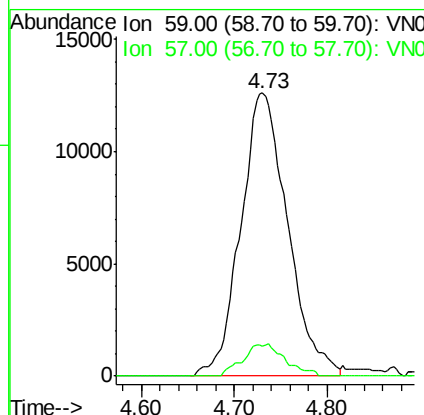
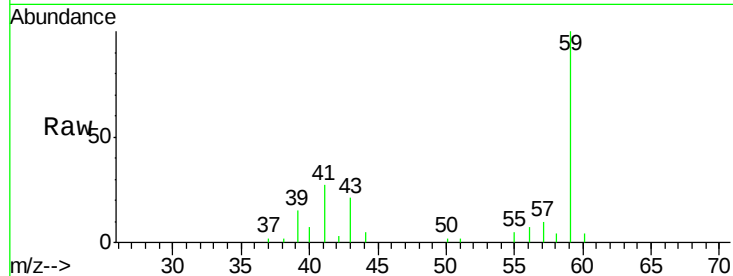
Tert butyl alcohol
Concen: 106.288 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion: 59 Resp: 44380
Ion Ratio Lower Upper
59 100
57 4.9 8.7 13.1#

Manual Integrations
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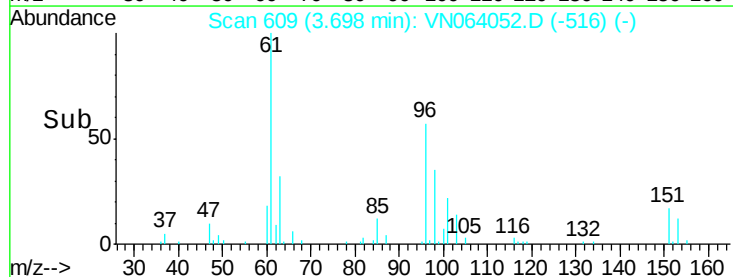
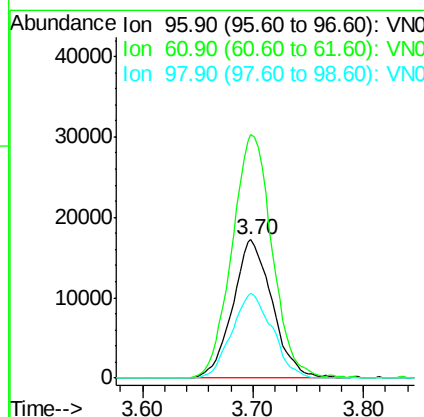
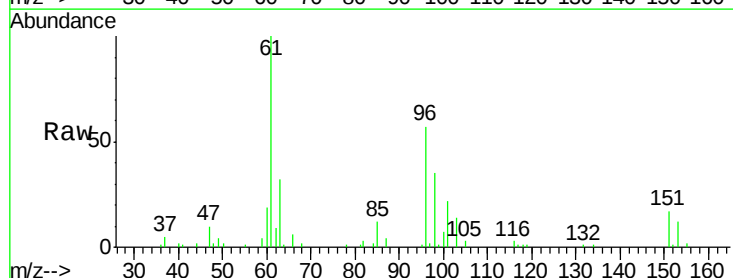
MMDadoda
10/12/2020 2:10:12 PM

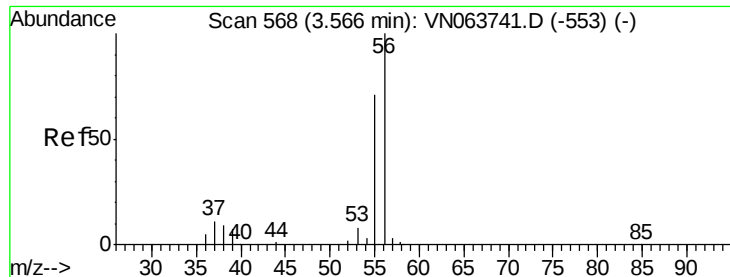


#12

1,1-Dichloroethene
Concen: 18.509 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 96 Resp: 42668
Ion Ratio Lower Upper
96 100
61 176.3 147.7 221.5
98 61.3 51.9 77.9





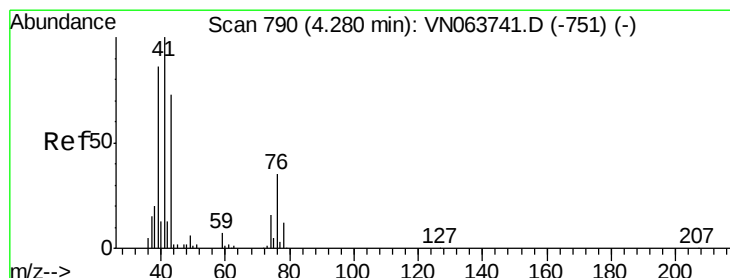
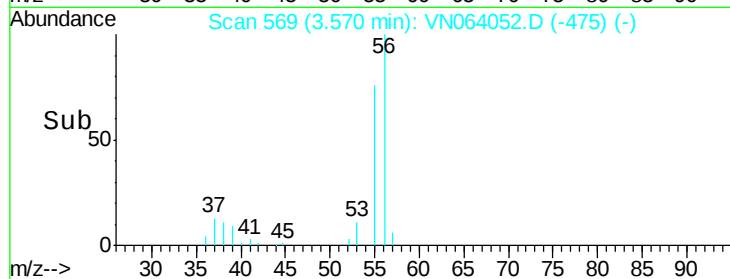
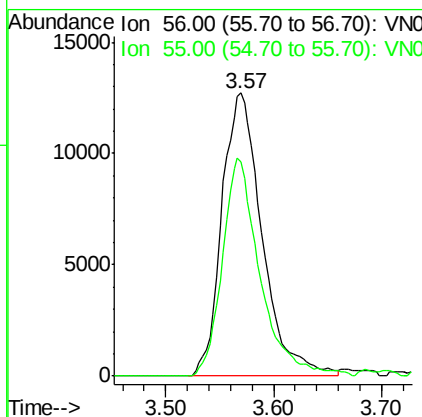
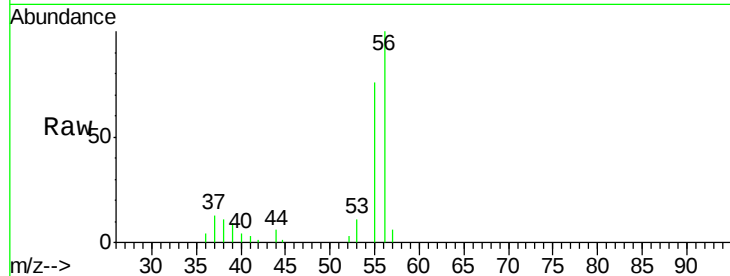
#13
Acrolein
Concen: 128.937 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	56	55	Ratio	Lower	Upper
33042	100	72.0		56.9	85.3

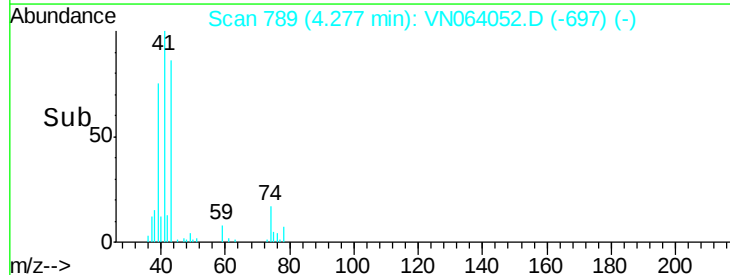
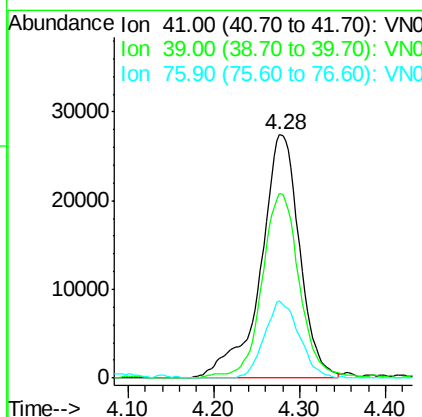
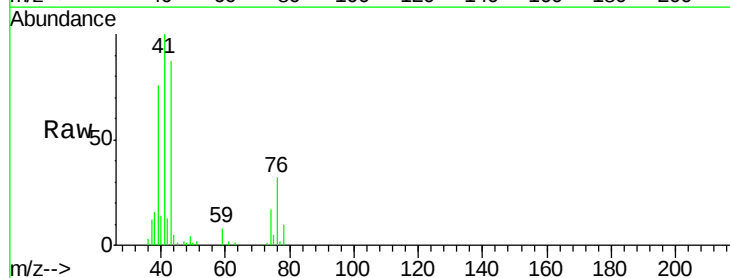
Manual Integrations
APPROVED

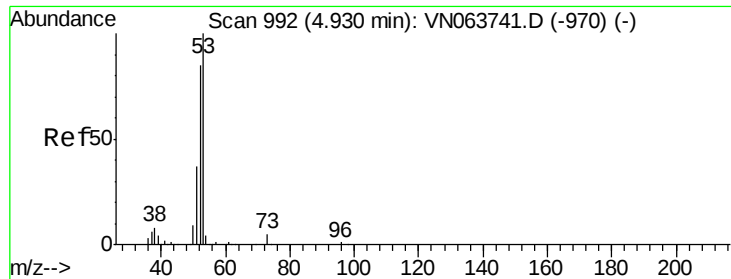
MMDadoda
10/12/2020 2:10:12 PM



#14
Allyl chloride
Concen: 20.181 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	41	39	76	Ratio	Lower	Upper
86429	100	70.2	28.2		64.5	96.7





#15

Acrylonitrile

Concen: 109.623 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

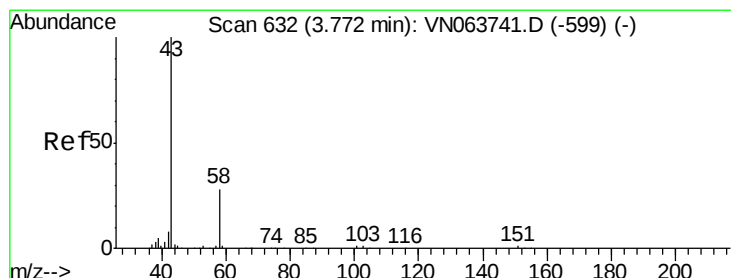
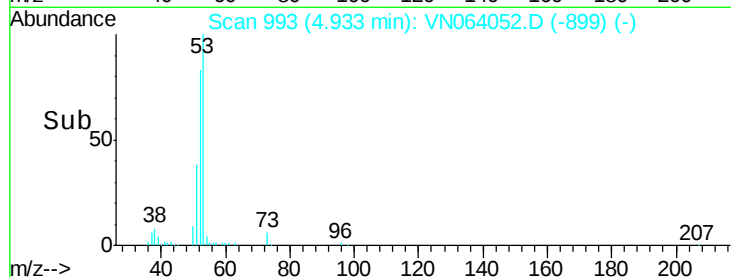
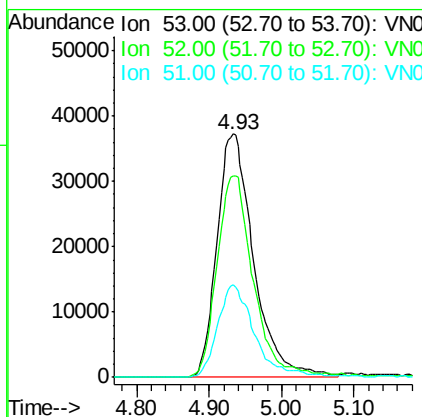
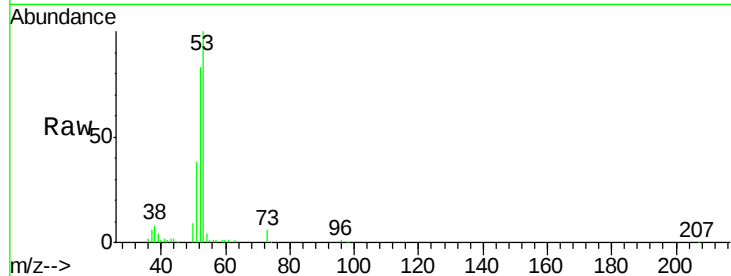
ClientSampleId :

VN1009WBS02

Tot Ion:	53	Resp:	131021
Ion Ratio		Lower	Upper
53	100		
52	81.3	66.5	99.7
51	36.6	29.9	44.9

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#16

Acetone

Concen: 103.983 ug/l

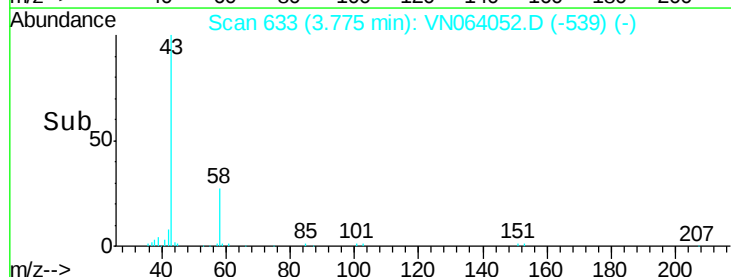
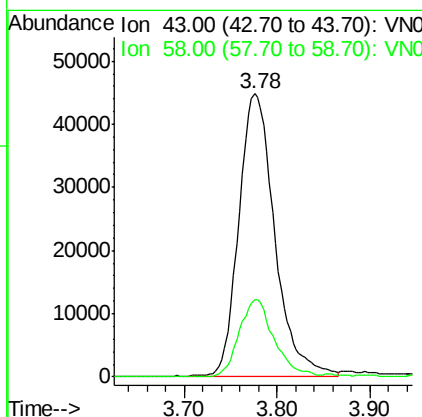
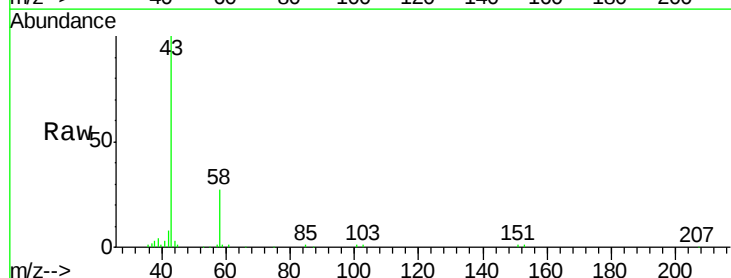
RT: 3.78 min Scan# 633

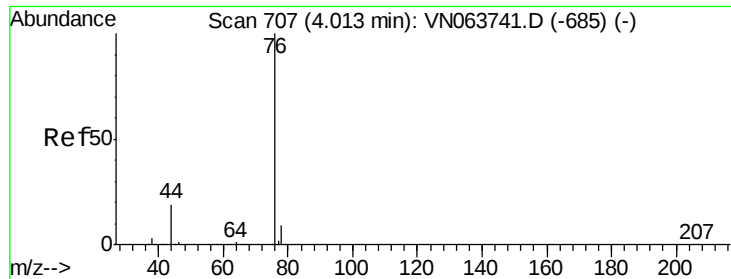
Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Tgt Ion:	43	Resp:	121059
Ion Ratio		Lower	Upper
43	100		
58	27.1	22.3	33.5





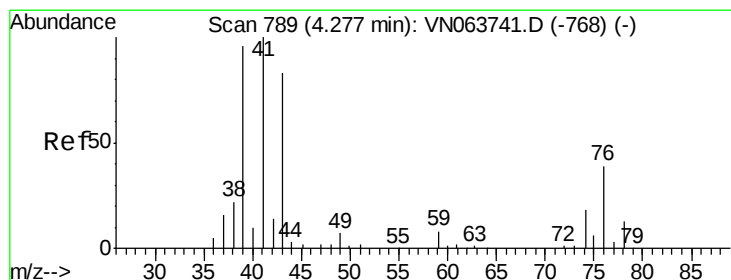
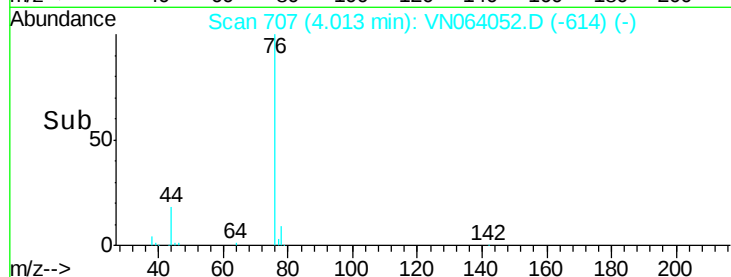
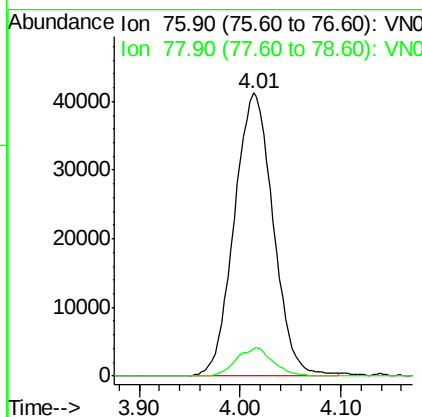
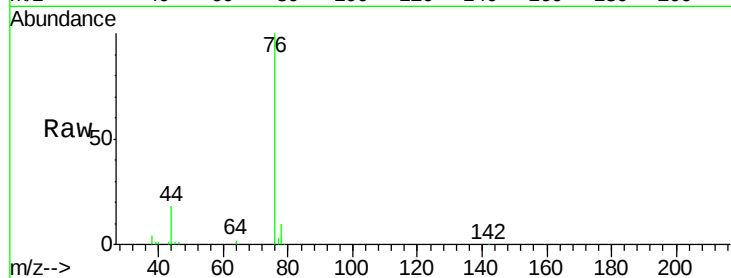
#17
Carbon Disulfide
Concen: 18.200 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.4

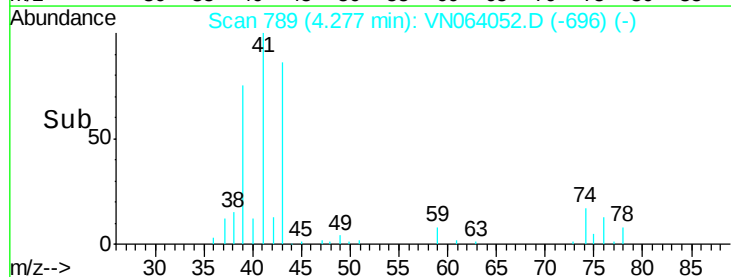
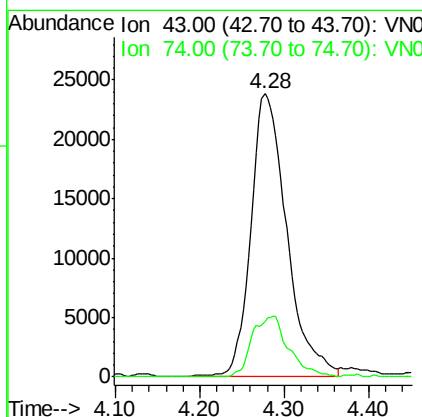
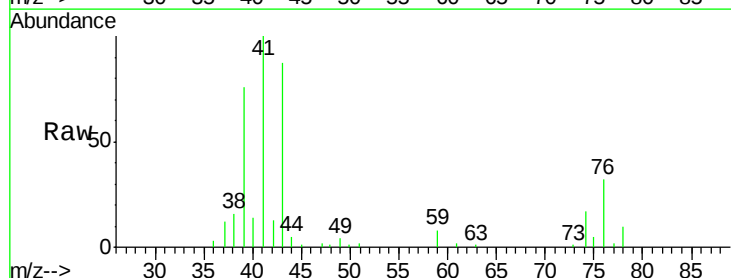
Manual Integrations
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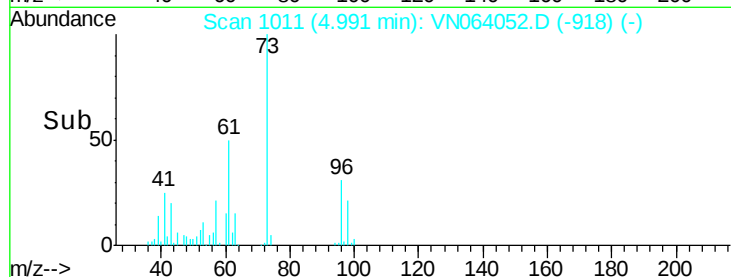
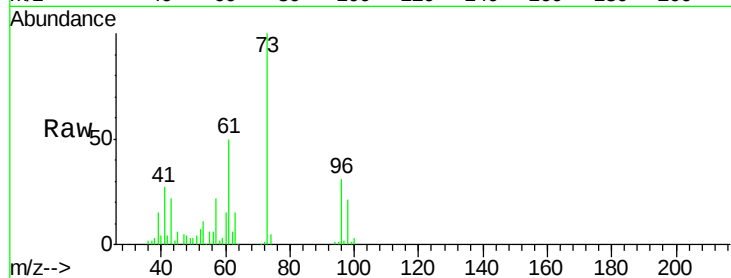
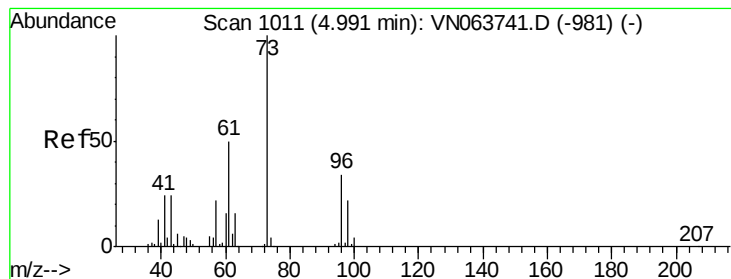
MMDadoda
10/12/2020 2:10:12 PM



#18
Methyl Acetate
Concen: 23.368 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2





#19

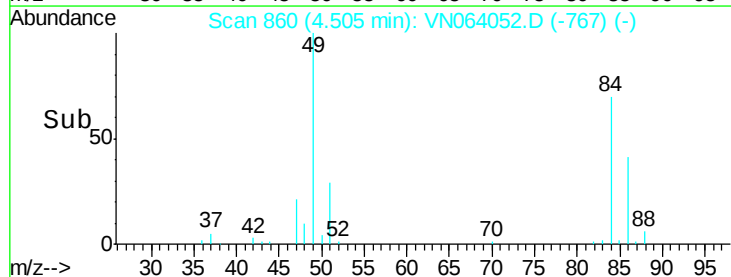
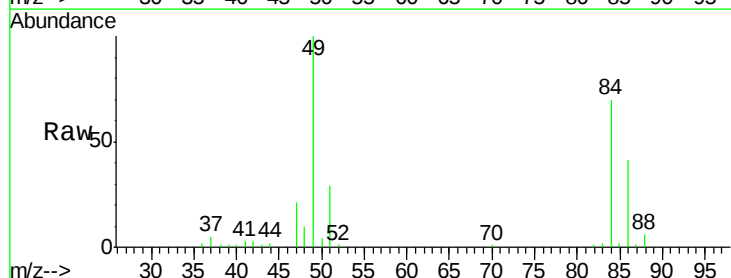
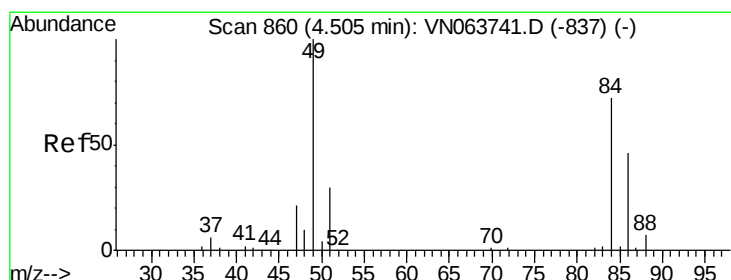
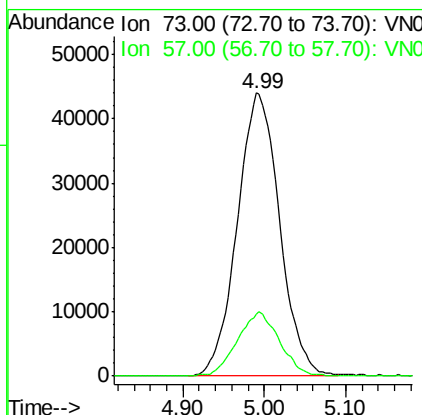
Methyl tert-butyl Ether
Concen: 18.890 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tot Ion: 73 Resp: 158209
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Manual Integrations
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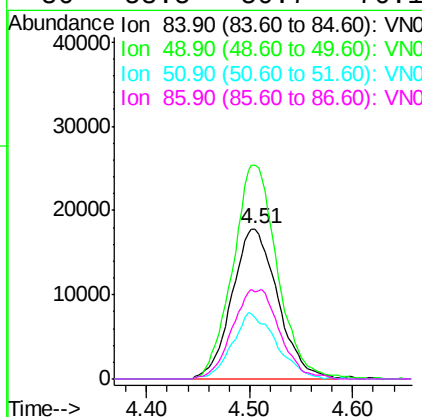
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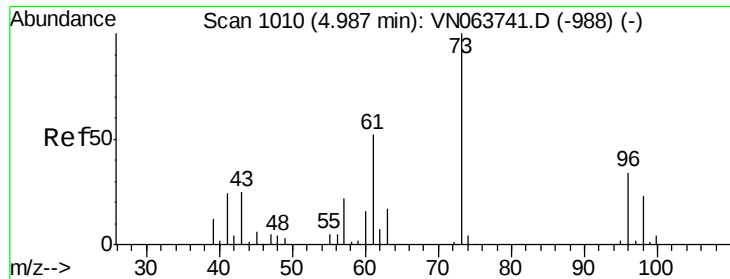


#20

Methylene Chloride
Concen: 20.715 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 84 Resp: 55085
Ion Ratio Lower Upper
84 100
49 142.4 110.4 165.6
51 40.6 33.3 49.9
86 58.5 50.7 76.1





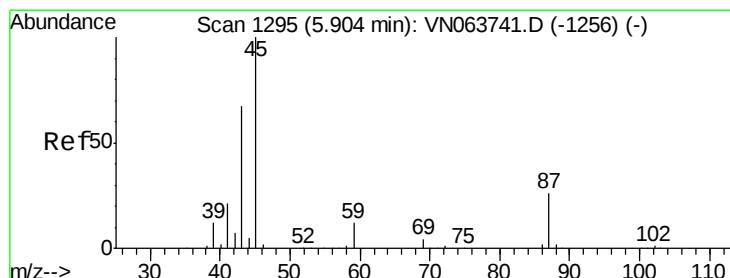
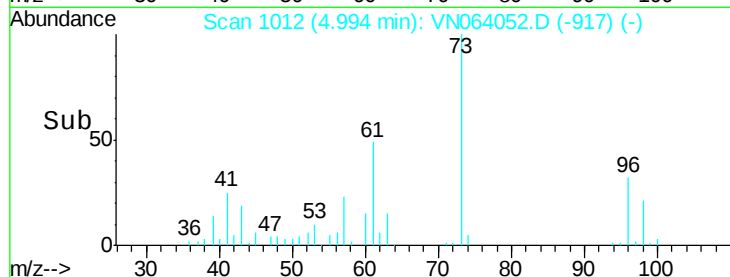
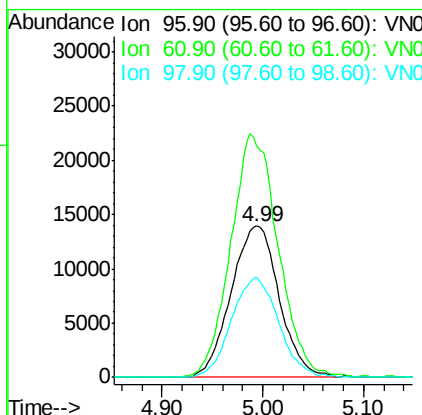
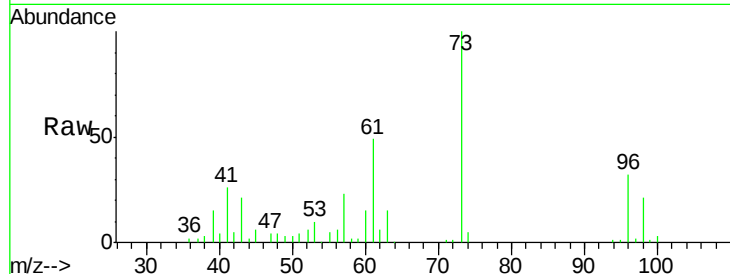
#21
trans-1,2-Dichloroethene
Concen: 17.883 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.7	120.2	180.2
98	66.0	52.6	79.0

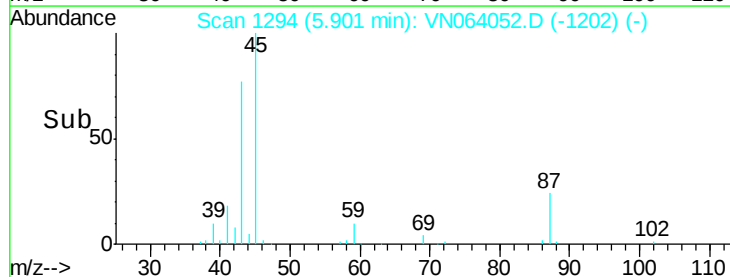
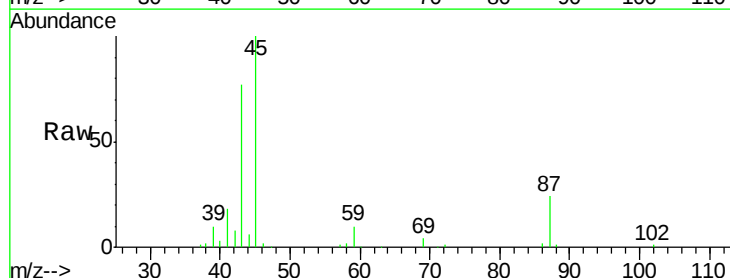
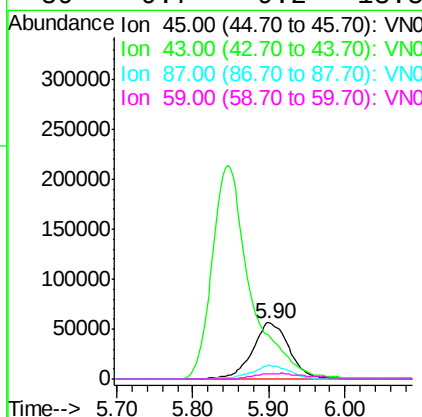
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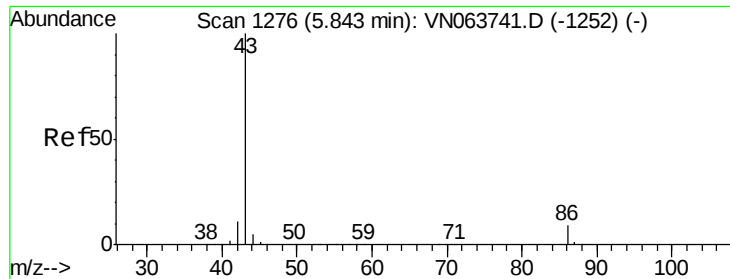
MMDadoda
10/12/2020 2:10:12 PM



#22
Diisopropyl ether
Concen: 21.458 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.0	53.7	80.5
87	24.0	21.1	31.7
59	9.7	9.2	13.8





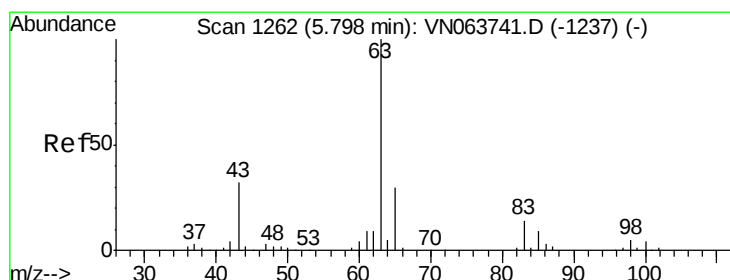
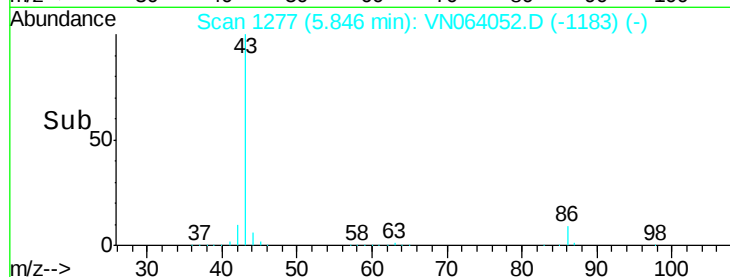
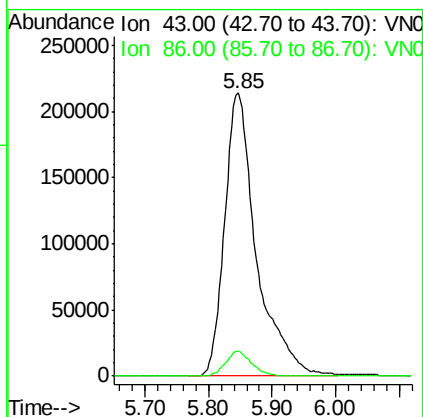
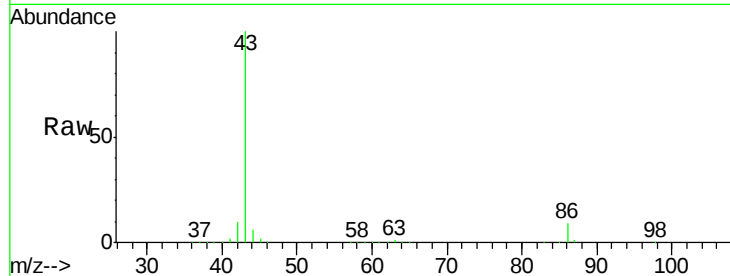
#23
 Vinyl Acetate
 Concen: 101.950 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	43	Resp	744128
Ion Ratio	100	Lower	Upper
43	100		
86	8.8	7.3	10.9

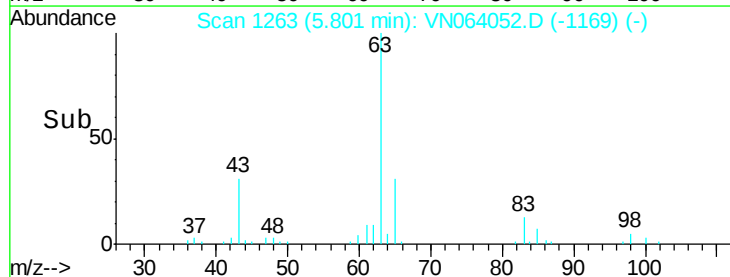
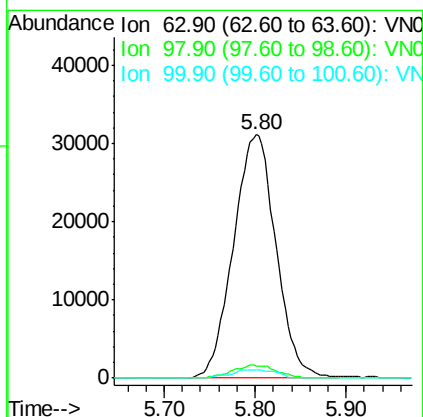
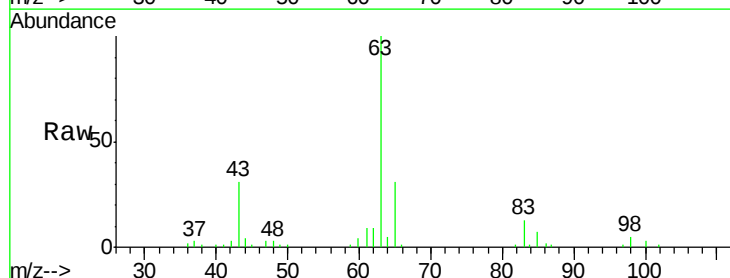
Manual Integrations
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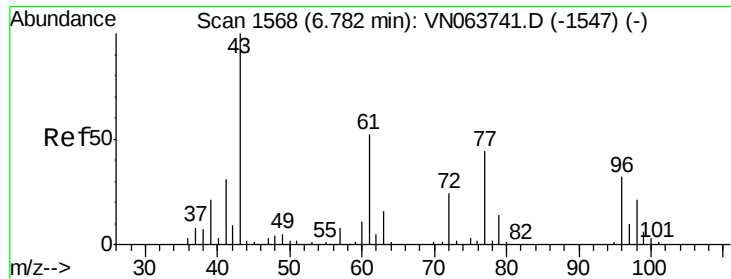
MMDadoda
 10/12/2020 2:10:12 PM



#24
 1,1-Dichloroethane
 Concen: 20.044 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	63	Resp	100981
Ion Ratio	100	Lower	Upper
63	100		
98	5.1	2.7	8.1
100	3.2	1.9	5.7





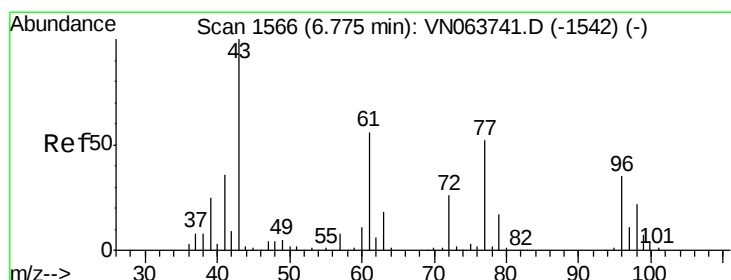
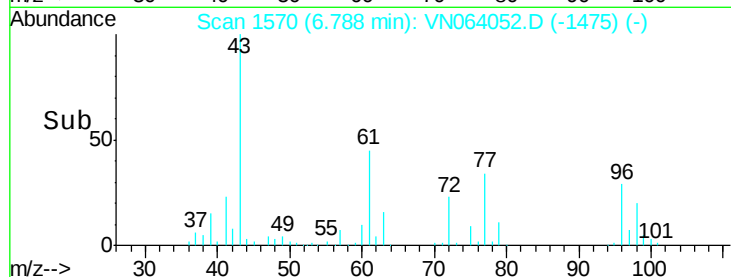
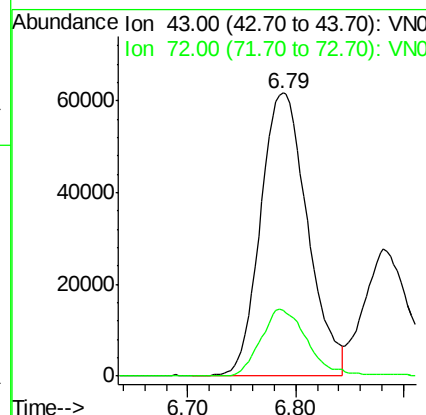
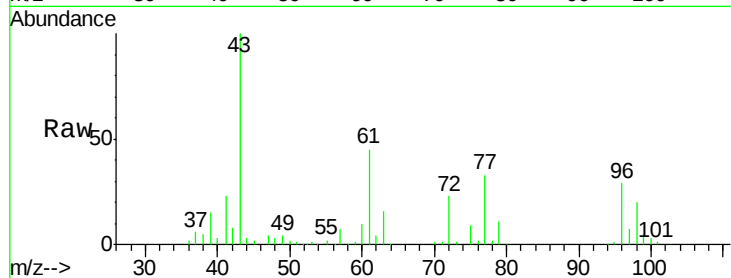
#25
2-Butanone
Concen: 112.964 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion: 43 Resp: 186455
Ion Ratio Lower Upper
43 100
72 23.0 19.3 28.9

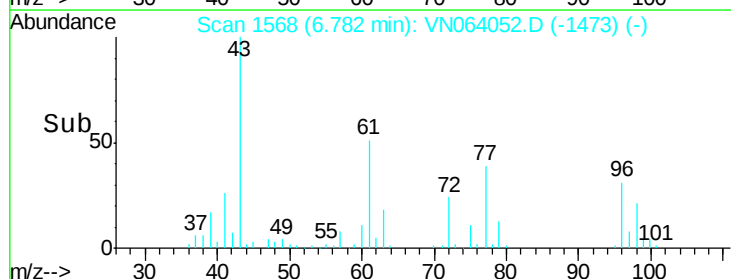
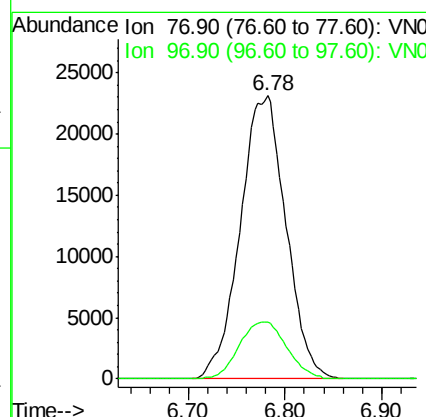
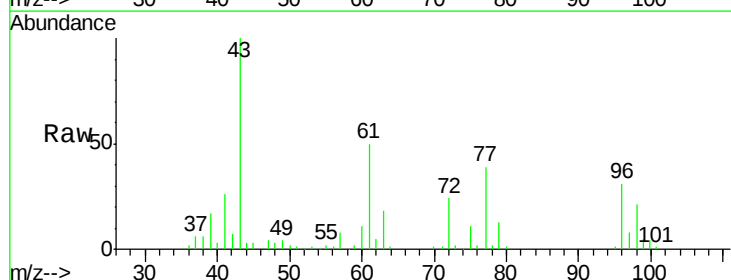
Manual Integrations
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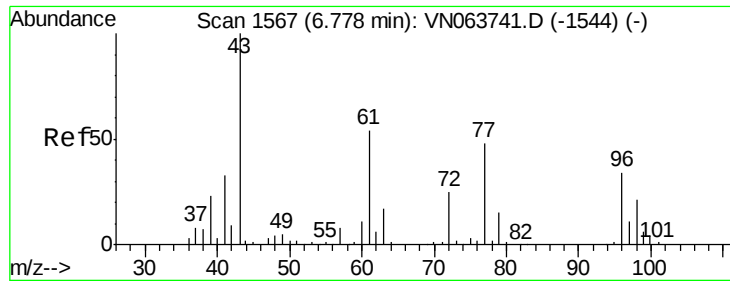
MMDadoda
10/12/2020 2:10:12 PM



#26
2,2-Dichloropropane
Concen: 16.427 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 77 Resp: 75789
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.3





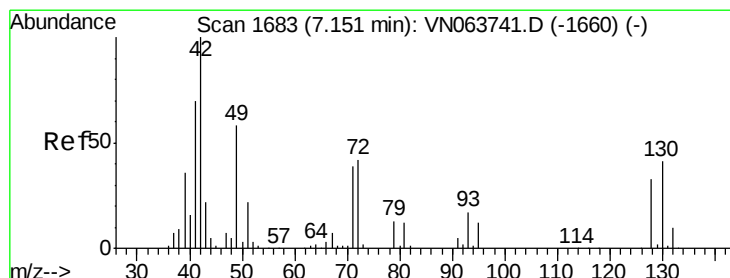
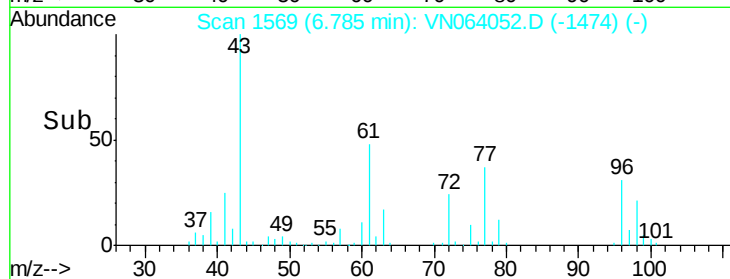
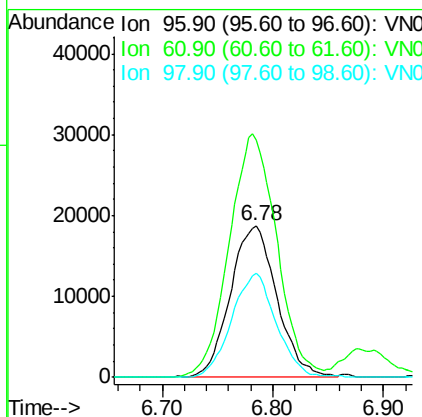
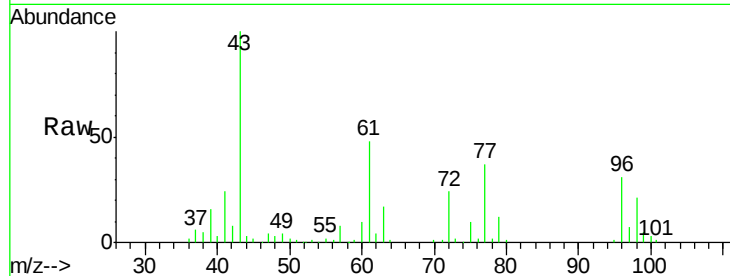
#27
 cis-1,2-Dichloroethene
 Concen: 18.455 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.7	0.0	321.2
98	65.6	0.0	124.4

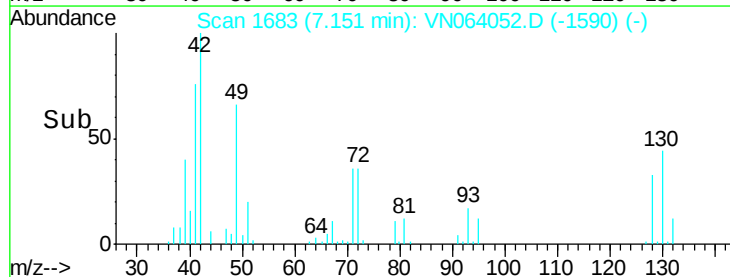
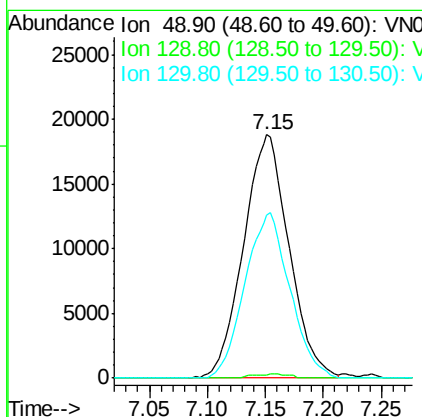
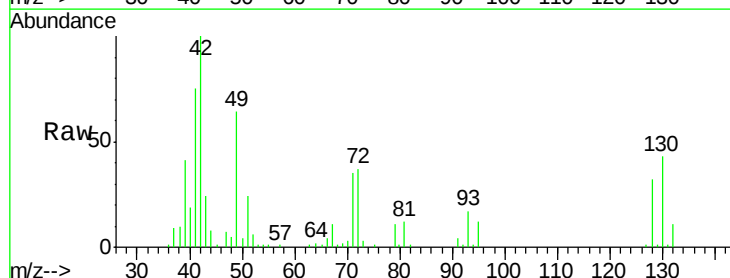
Manual Integrations
 APPROVED

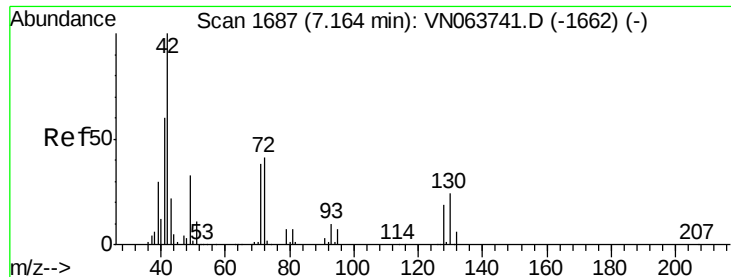
MMDadoda
 10/12/2020 2:10:12 PM



#28
 Bromochloromethane
 Concen: 20.608 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.8
130	67.0	55.6	83.4





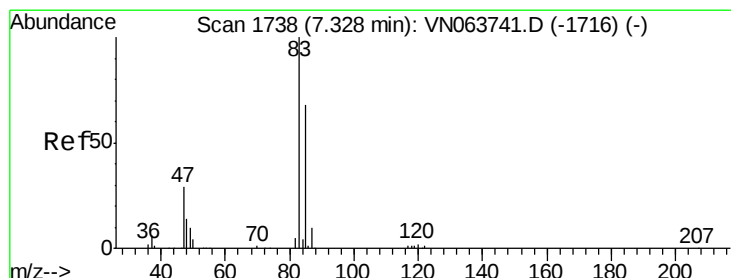
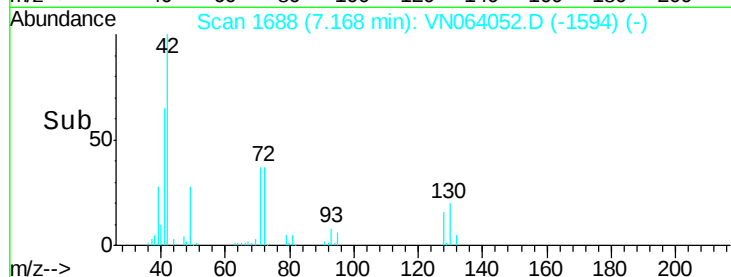
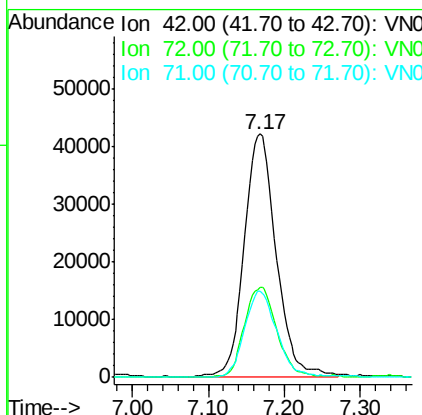
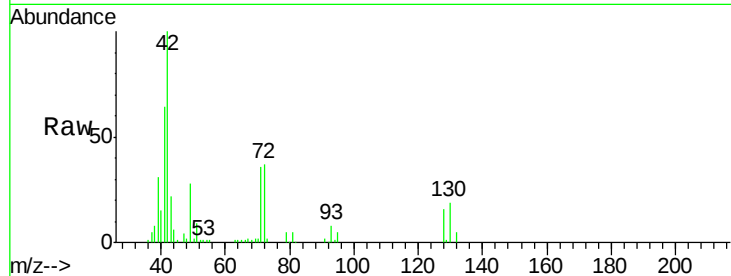
#29
Tetrahydrofuran
Concen: 112.220 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.4	32.8	49.2
71	35.4	30.6	45.8

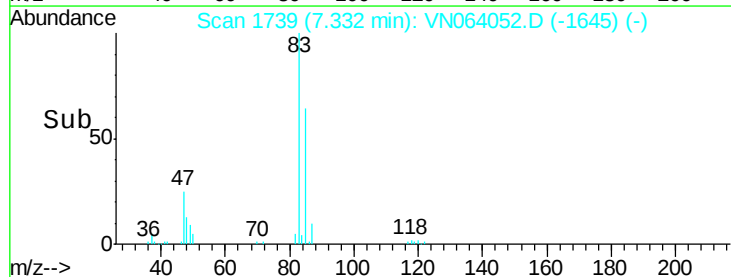
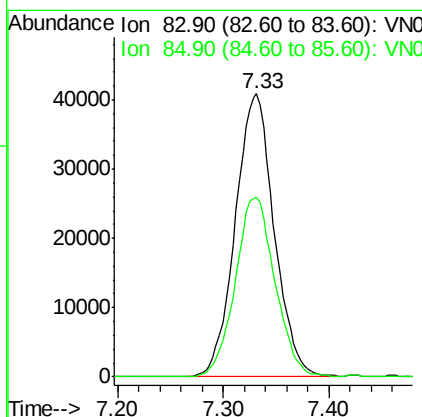
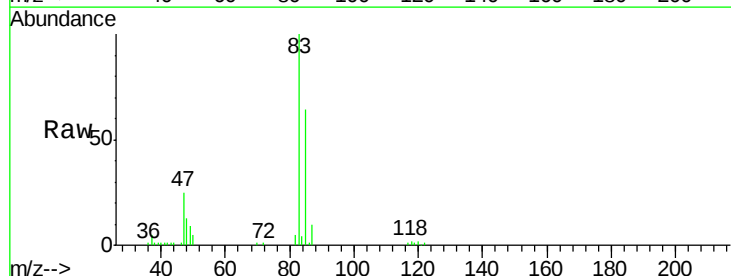
Manual Integrations
APPROVED

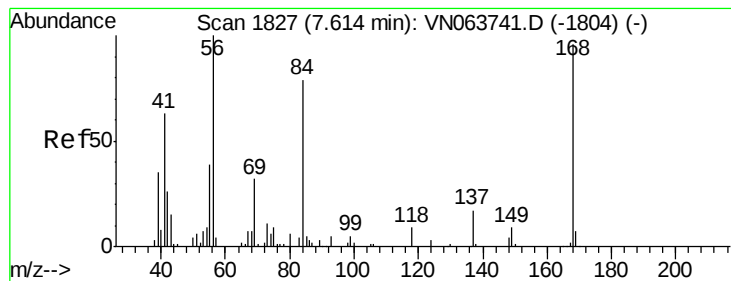
MMDadoda
10/12/2020 2:10:12 PM



#30
Chloroform
Concen: 19.909 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	54.6	82.0





#31

Cvclohexane

Concen: 18.002 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

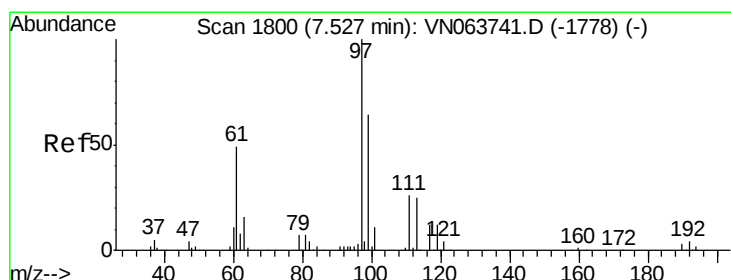
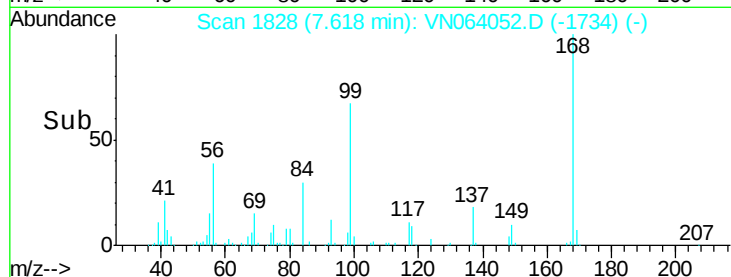
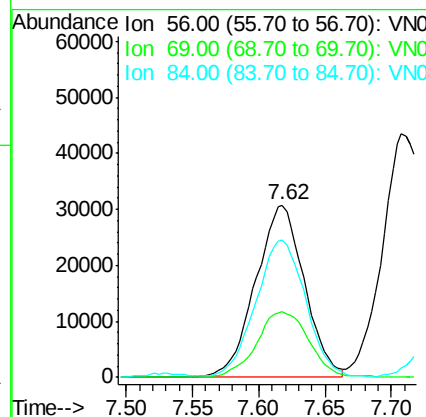
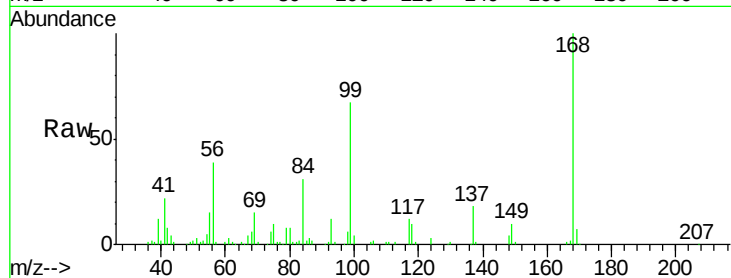
ClientSampleId :

VN1009WBS02

Tot Ion:	56	Resp:	79039
Ion Ratio	Lower	Upper	
56	100		
69	37.8	25.4	38.2
84	78.8	63.3	94.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.316 ug/l

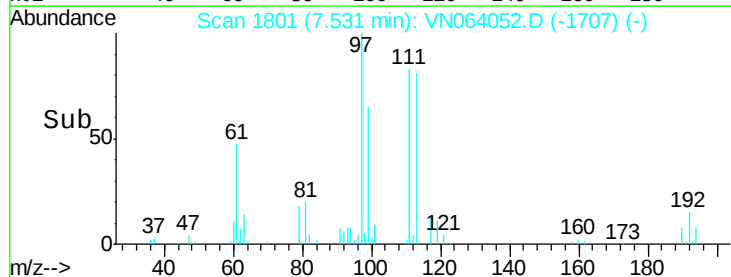
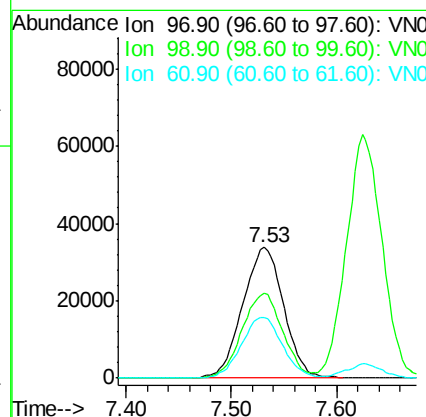
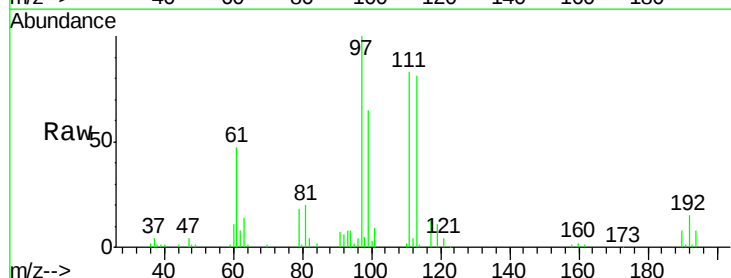
RT: 7.53 min Scan# 1801

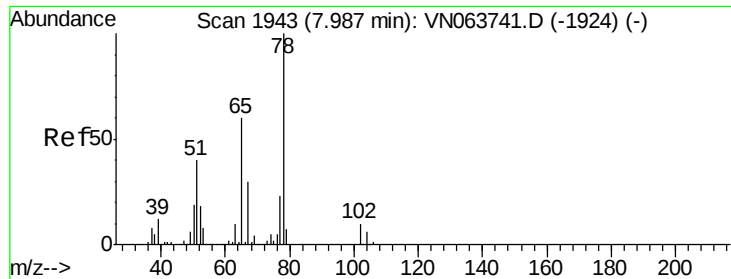
Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Tgt Ion:	97	Resp:	91524
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.0	76.6
61	46.3	38.7	58.1





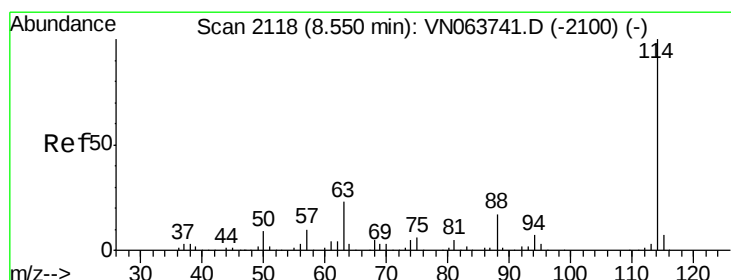
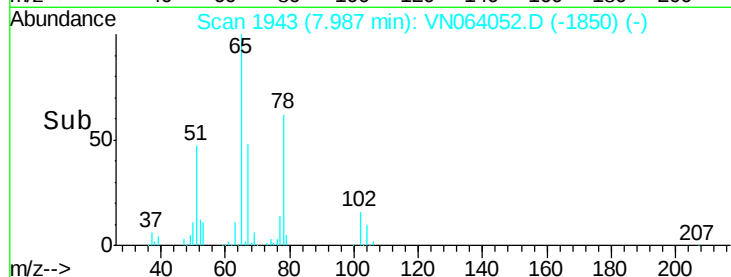
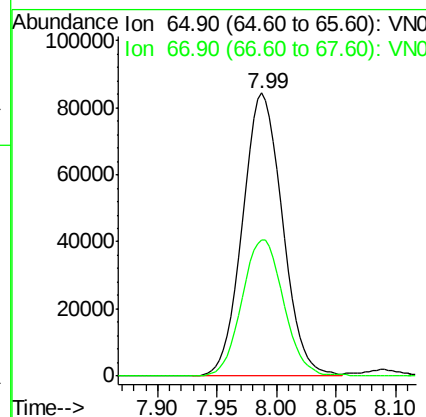
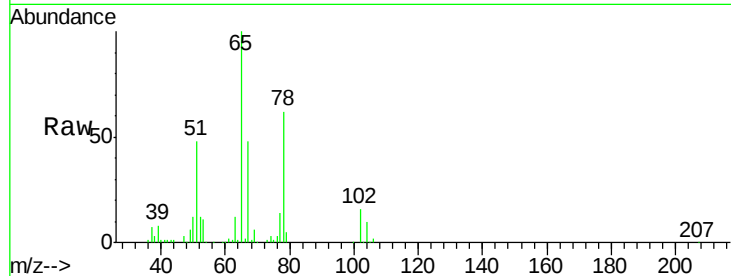
#33
 1,2-Dichloroethane-d4
 Concen: 51.933 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196411		
67	50.3	0.0	99.6	

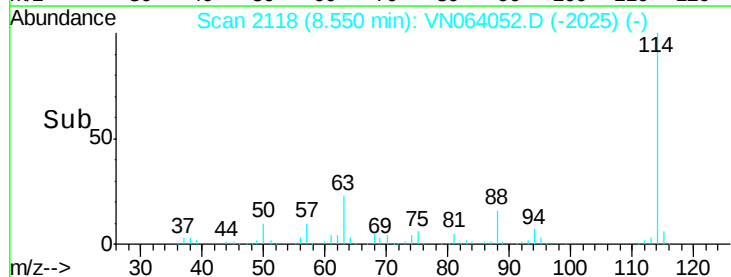
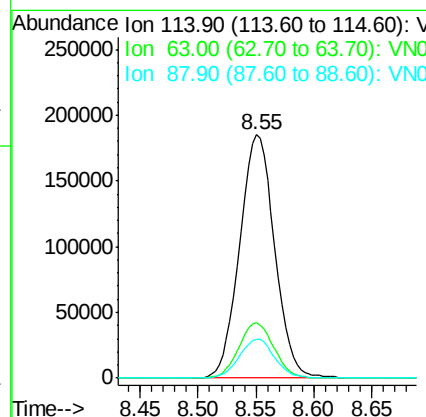
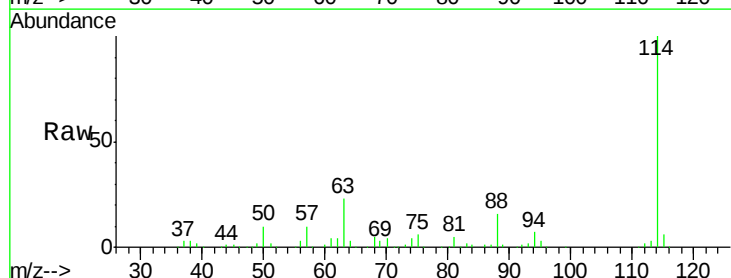
Manual Integrations
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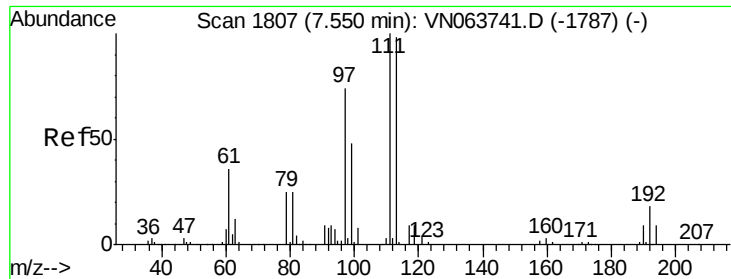
MMDadoda
 10/12/2020 2:10:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	388162		
63	22.8	0.0	45.0	
88	15.9	0.0	34.0	





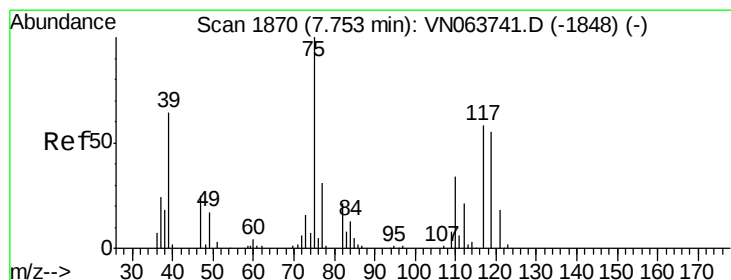
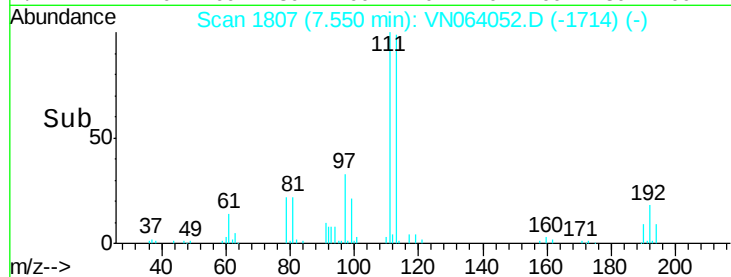
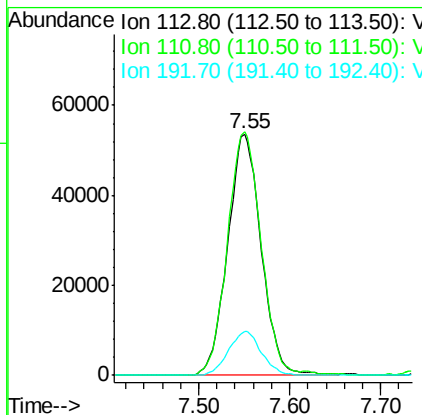
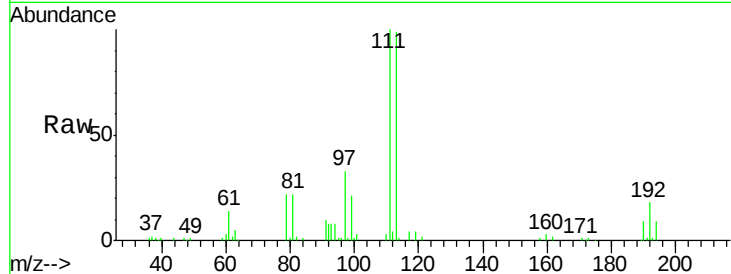
#35
 Dibromofluoromethane
 Concen: 50.823 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.0	81.8	122.8	
192	17.8	14.2	21.2	

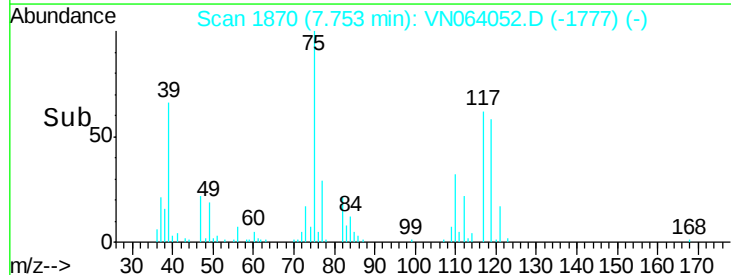
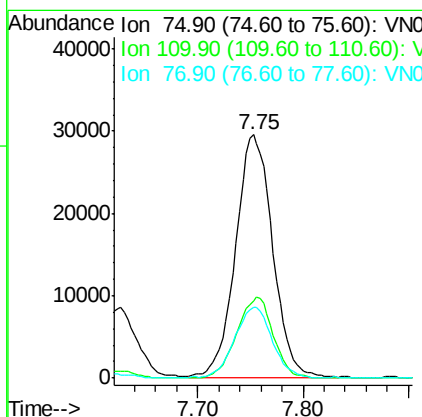
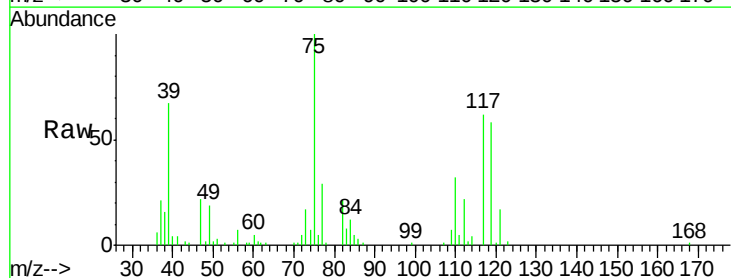
Manual Integrations
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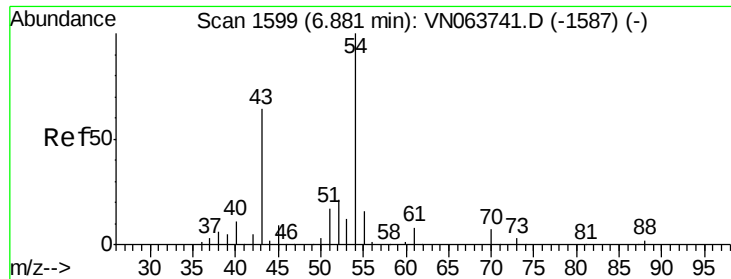
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#36
 1,1-Dichloropropene
 Concen: 18.451 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.4	16.9	50.6	
77	29.4	24.5	36.7	





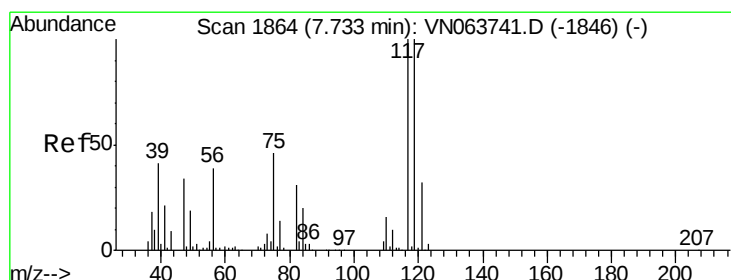
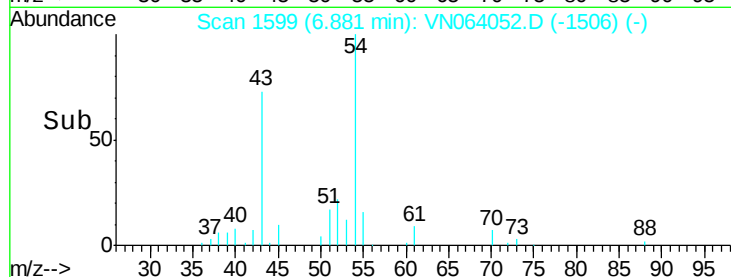
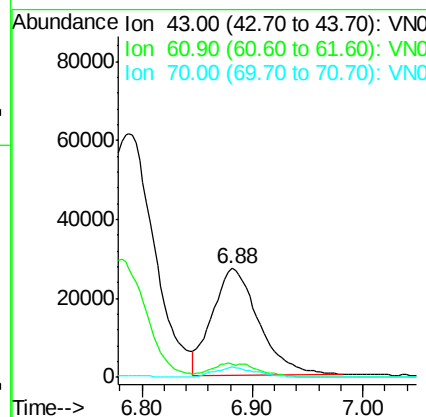
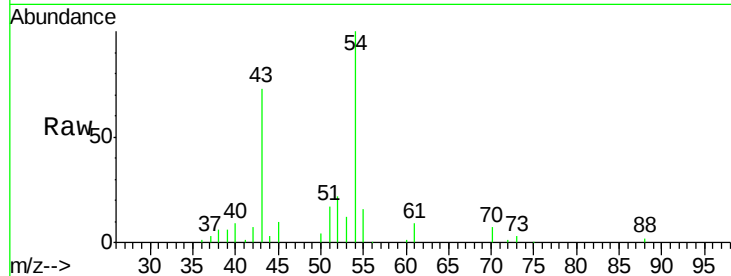
#37
Ethyl Acetate
Concen: 20.335 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.4	15.6
70	8.5	7.3	10.9

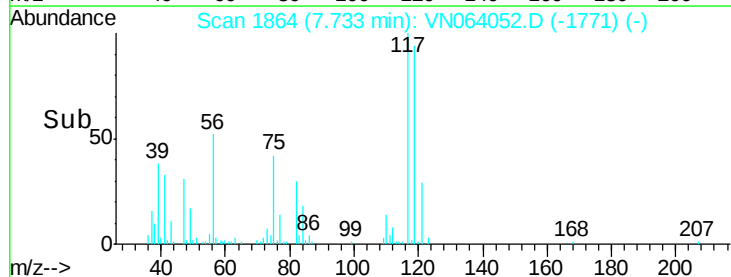
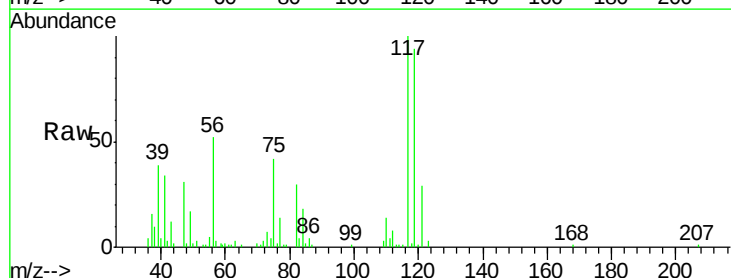
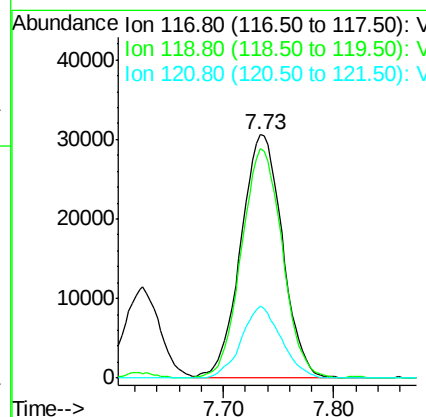
Manual Integrations
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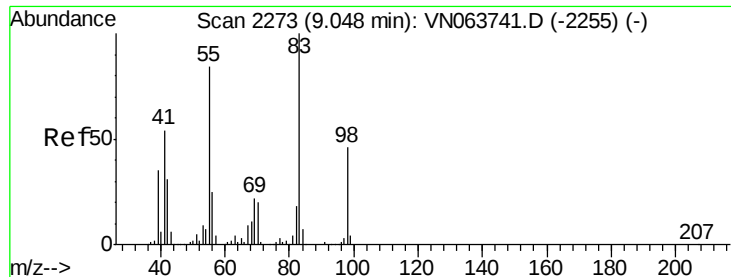
MMDadoda
10/12/2020 2:10:12 PM



#38
Carbon Tetrachloride
Concen: 18.180 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	80.1	120.1
121	29.4	25.7	38.5





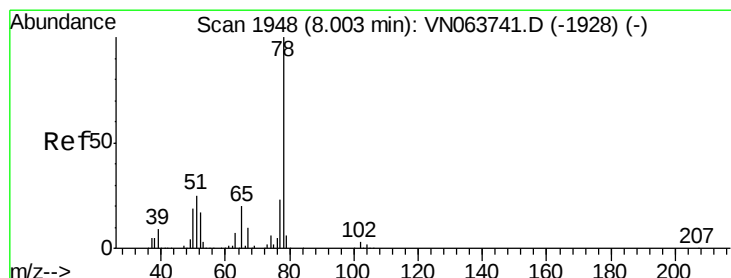
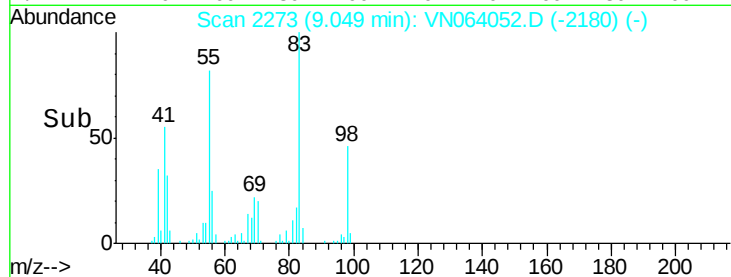
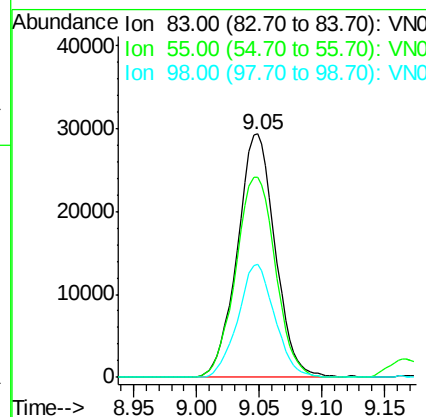
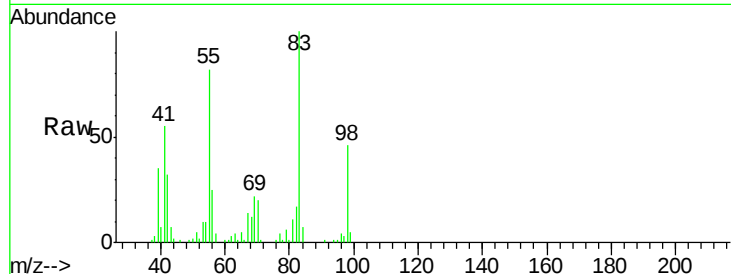
#39
Methvlcvclohexane
Concen: 15.671 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.2	67.1	100.7
98	46.5	36.6	54.8

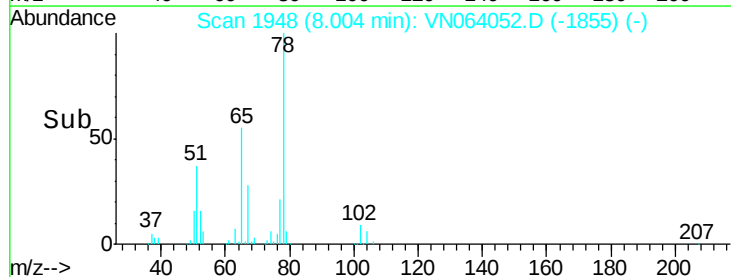
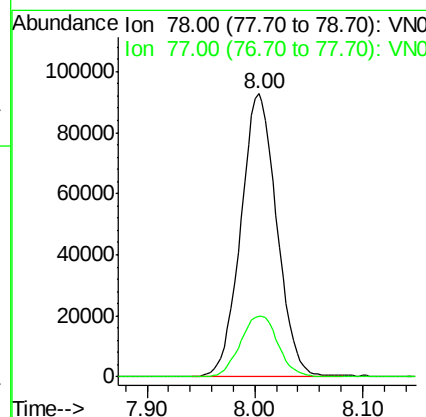
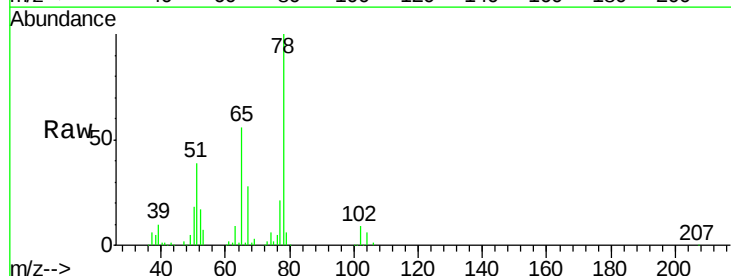
Manual Integrations
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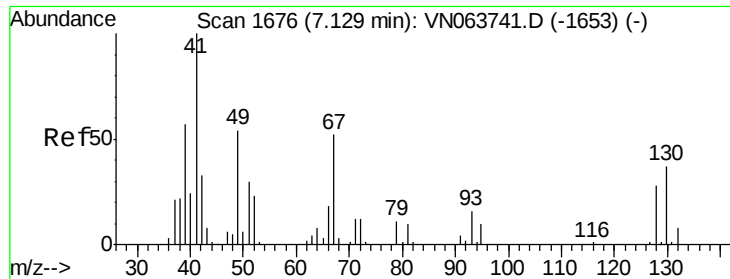
MMDadoda
10/12/2020 2:10:12 PM



#40
Benzene
Concen: 19.194 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.7	28.1





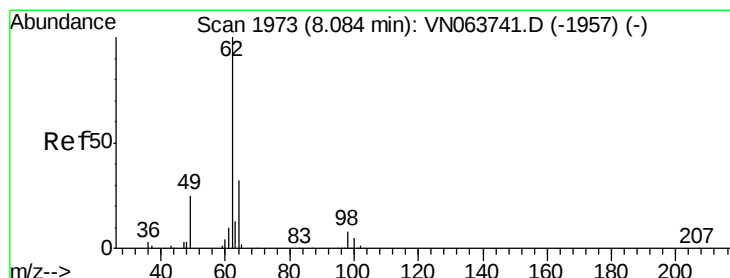
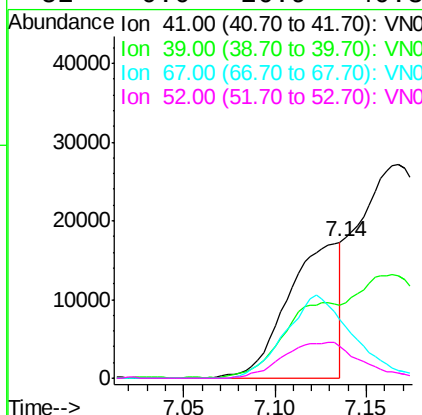
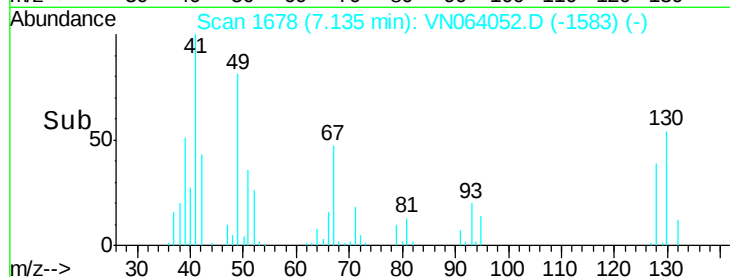
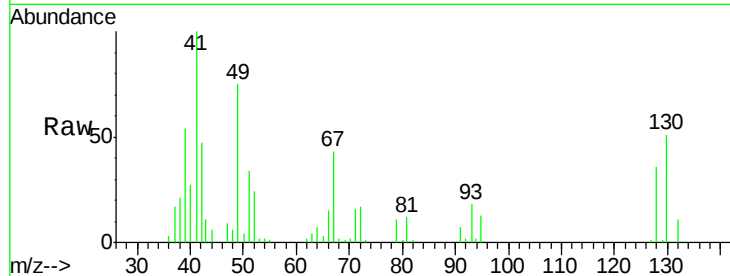
#41
Methacrylonitrile
Concen: 19.906 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. 0.01 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot 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#

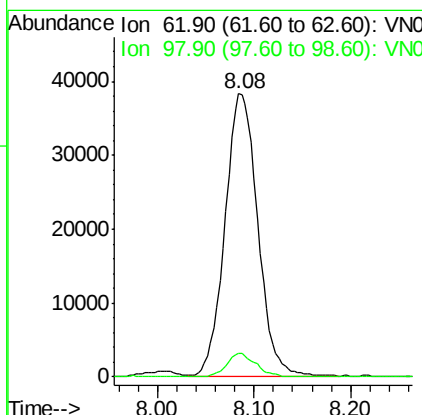
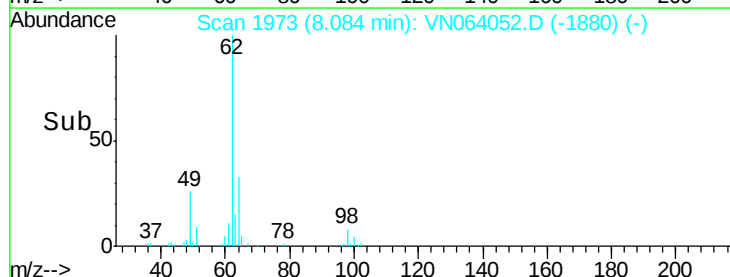
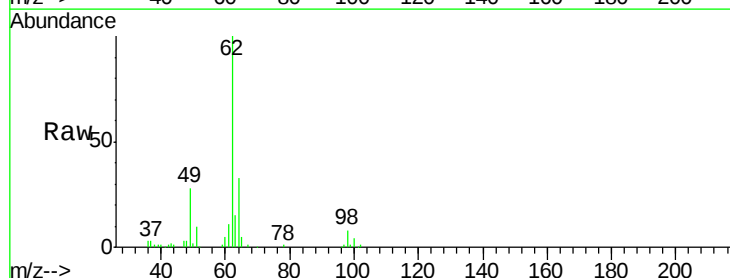
Manual Integrations
APPROVED

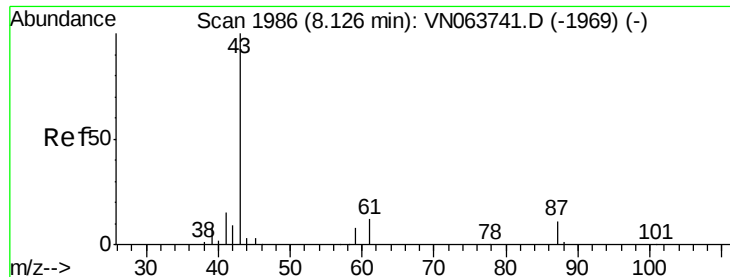
MMDadoda
10/12/2020 2:10:12 PM



#42
1,2-Dichloroethane
Concen: 18.900 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.0





#43

Isopropyl Acetate

Concen: 20.123 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

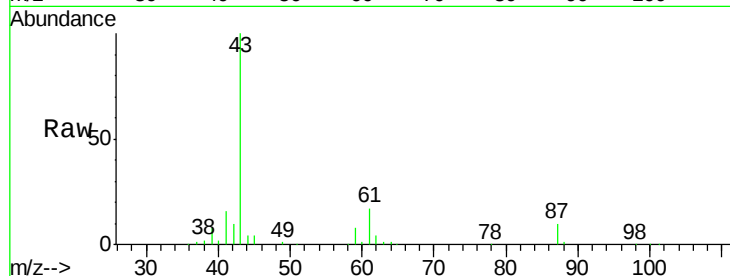
ClientSampleId :

VN1009WBS02

Tot Ion:	43	Resp:	129679
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.4
87	11.0	9.0	13.6

Manual Integrations
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MMDadoda
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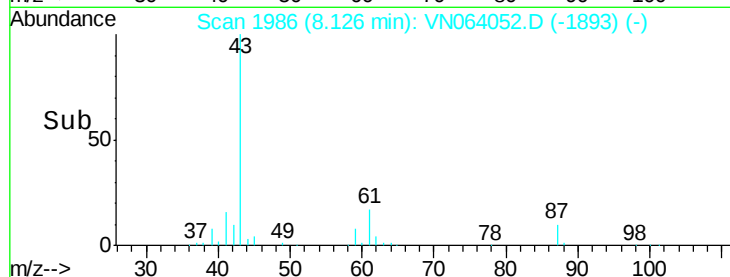


Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)

Time-->



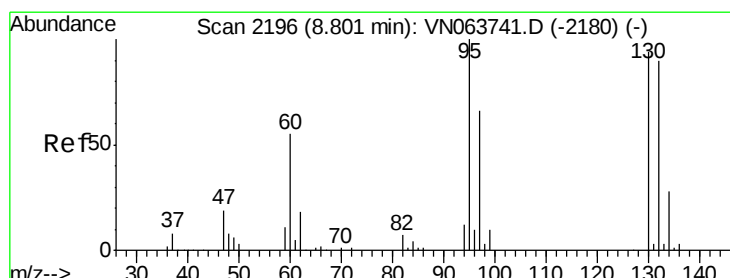
Abundance

Ion 43.00 (42.70 to 43.70): VN064052.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064052.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064052.D (-1893) (-)

Time-->



#44

Trichloroethene

Concen: 17.739 ug/l

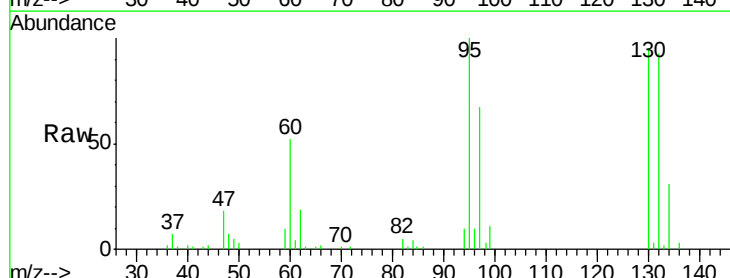
RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

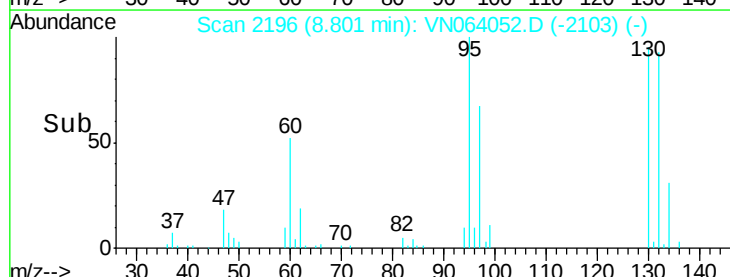
Tgt Ion:	130	Resp:	52206
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

Time-->

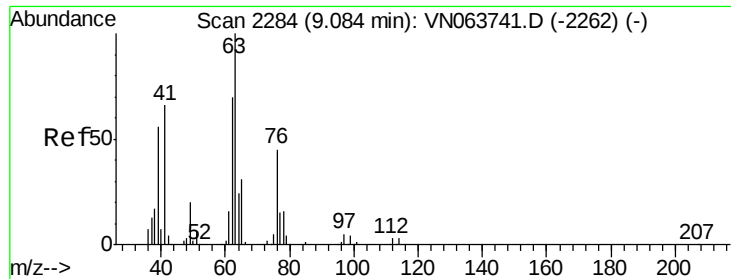


Abundance

Ion 129.80 (129.50 to 130.50): VN064052.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064052.D (-2103) (-)

Time-->



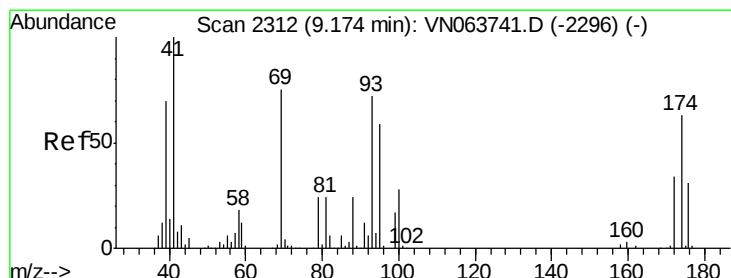
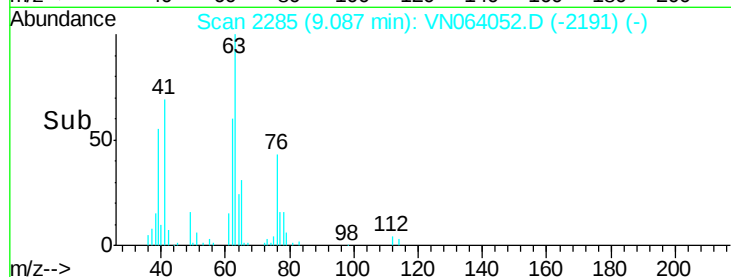
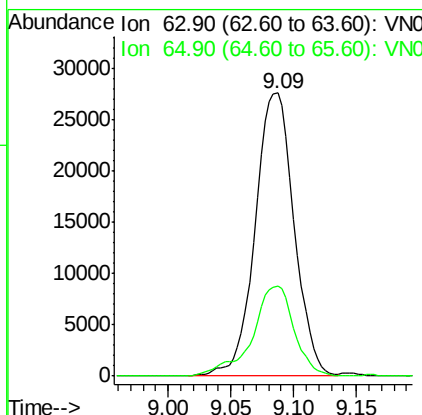
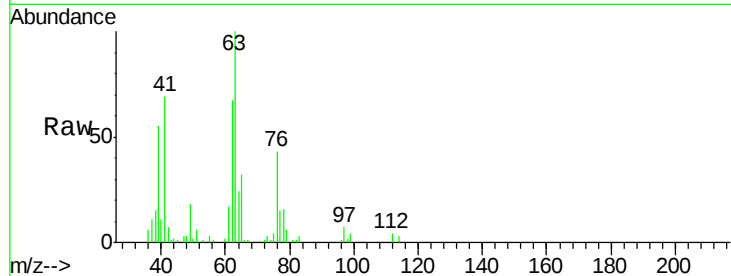
#45
 1,2-Dichloropropane
 Concen: 19.706 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion: 63 Resp: 59777
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

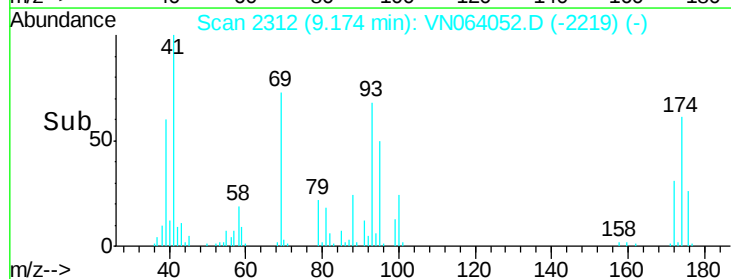
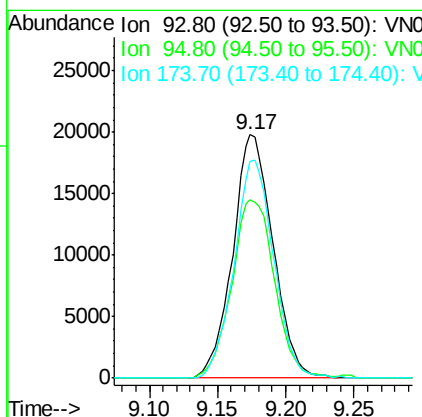
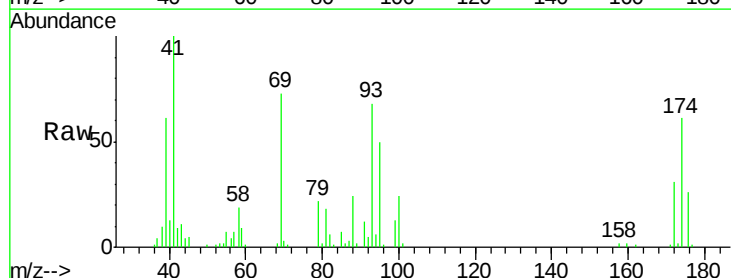
Manual Integrations
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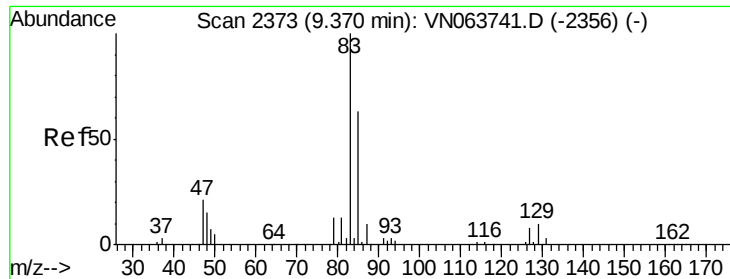
MMDadoda
 10/12/2020 2:10:12 PM



#46
 Dibromomethane
 Concen: 19.373 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion: 93 Resp: 40540
 Ion Ratio Lower Upper
 93 100
 95 77.8 66.3 99.5
 174 88.1 72.7 109.1





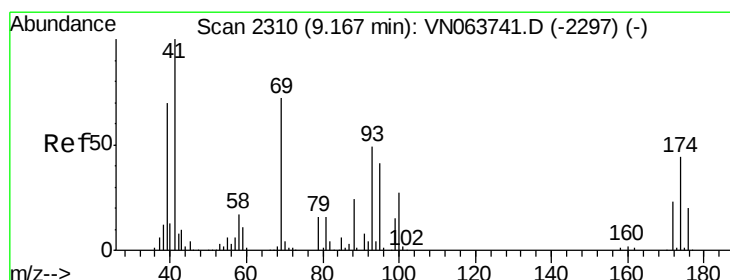
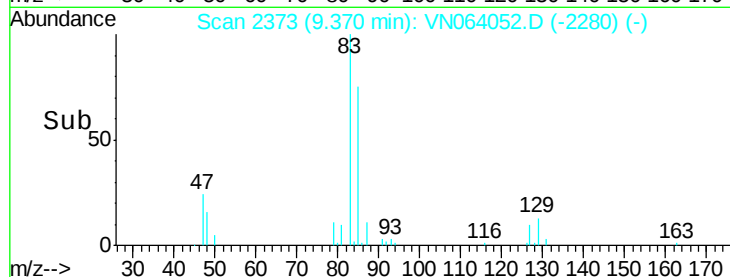
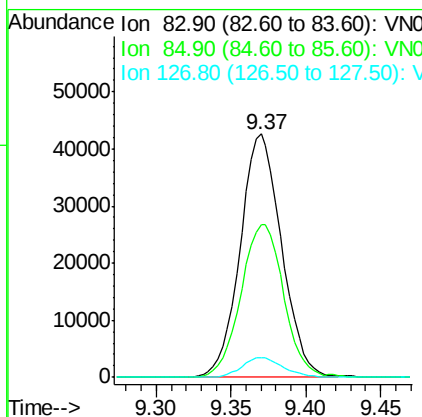
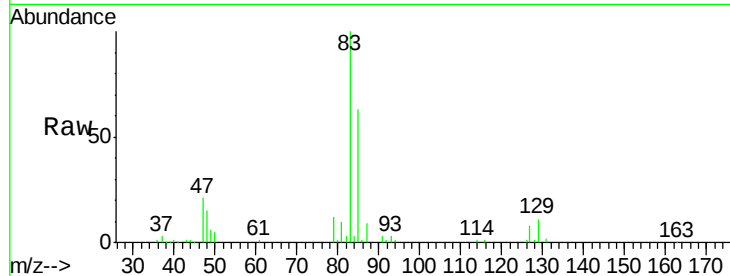
#47
Bromodichloromethane
Concen: 19.007 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	83	Resp	81972
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	50.6	75.8
127	8.3	6.6	9.8

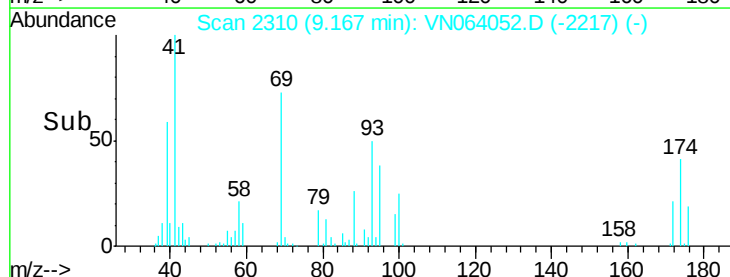
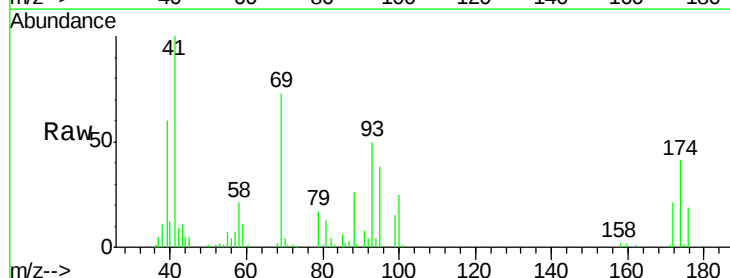
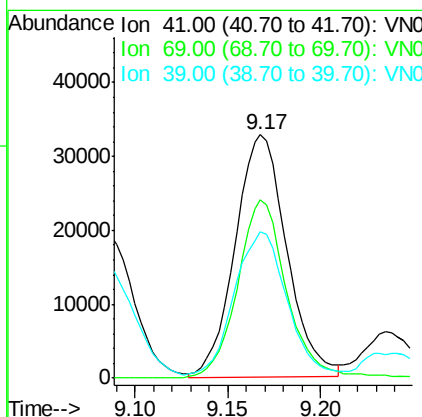
Manual Integrations
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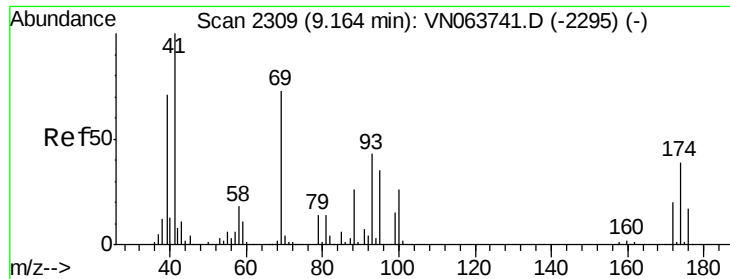
MMDadoda
10/12/2020 2:10:12 PM



#48
Methyl methacrylate
Concen: 19.970 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	41	Resp	63583
Ion Ratio	100	Lower	Upper
41	100		
69	70.0	60.9	91.3
39	61.7	57.5	86.3





#49

1,4-Dioxane

Concen: 374.648 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tot Ion: 88 Resp: 16953

Ion Ratio Lower Upper

88 100

43 41.1 33.1 49.7

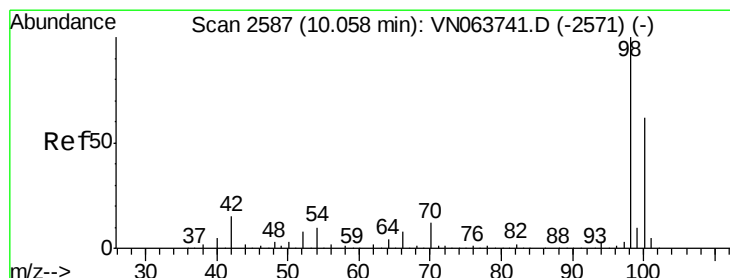
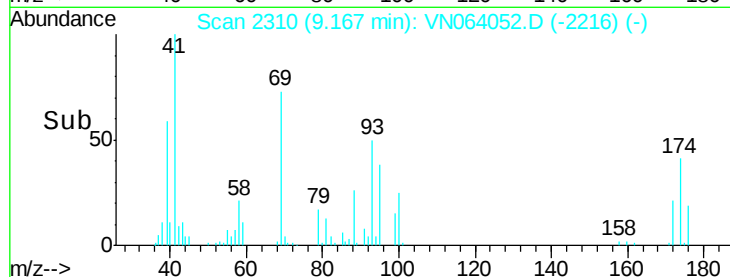
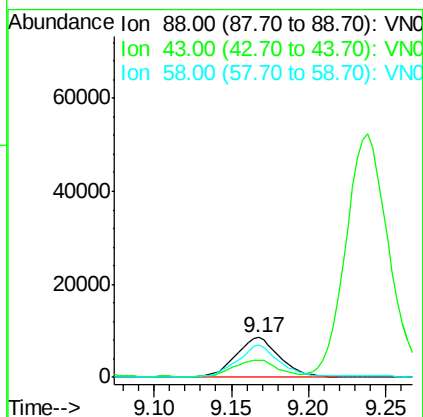
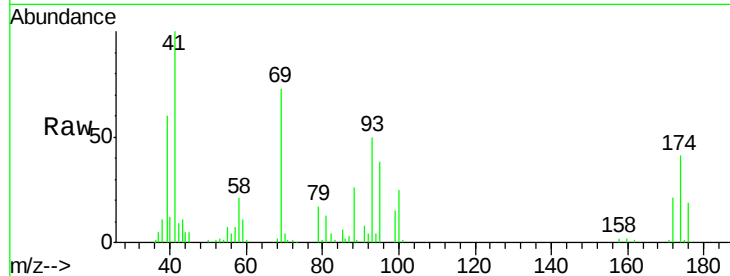
58 77.8 58.9 88.3

Manual Integrations

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10/12/2020 2:10:12 PM



#50

Toluene-d8

Concen: 48.386 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064052.D

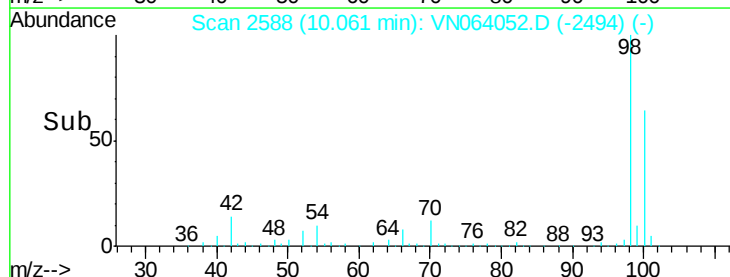
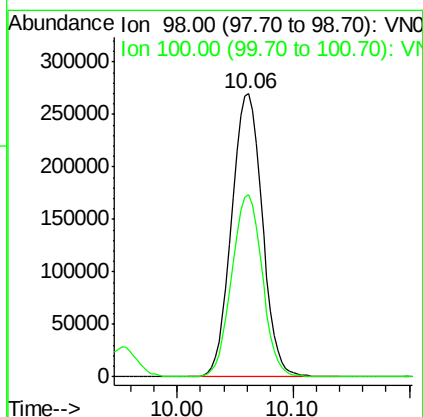
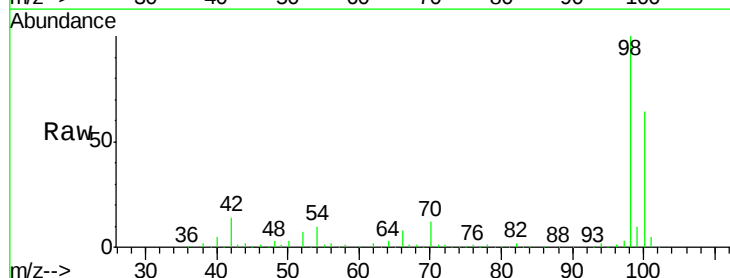
Acq: 9 Oct 2020 22:25

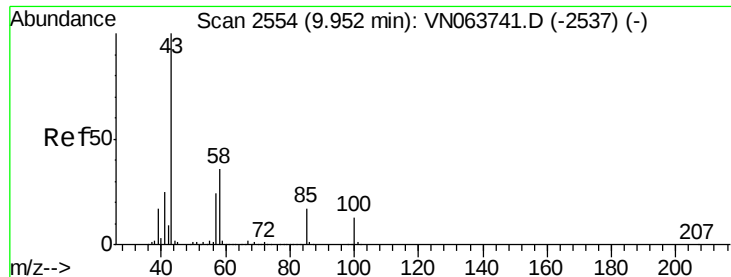
Tgt Ion: 98 Resp: 494034

Ion Ratio Lower Upper

98 100

100 64.0 49.8 74.6





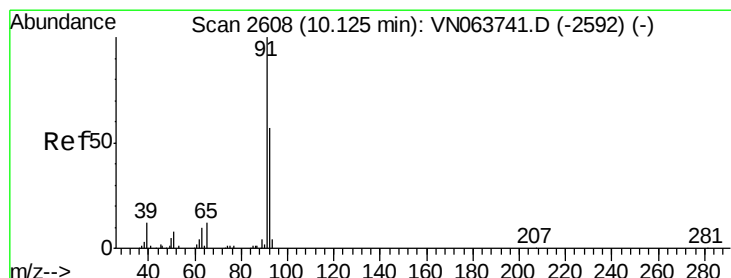
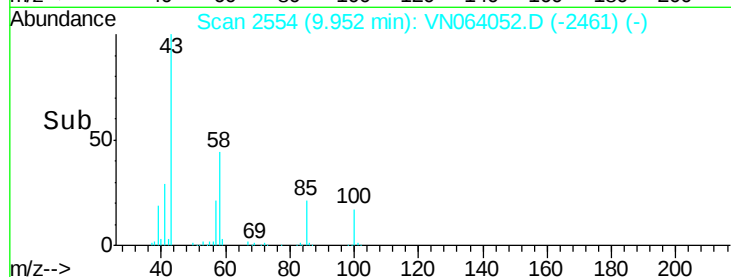
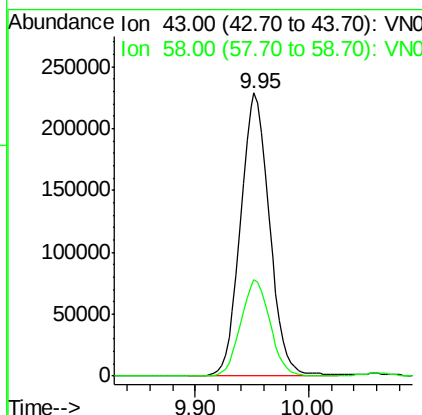
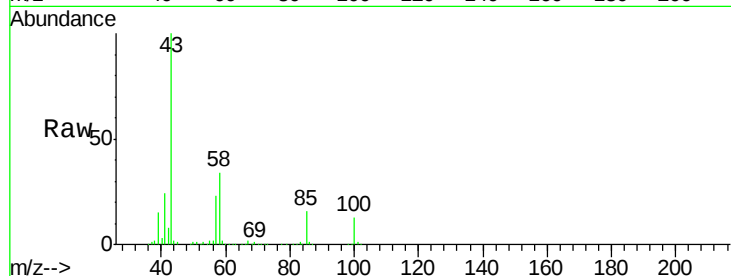
#51
4-Methyl-2-Pentanone
Concen: 107.694 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion: 43 Resp: 407280
Ion Ratio Lower Upper
43 100
58 34.6 28.4 42.6

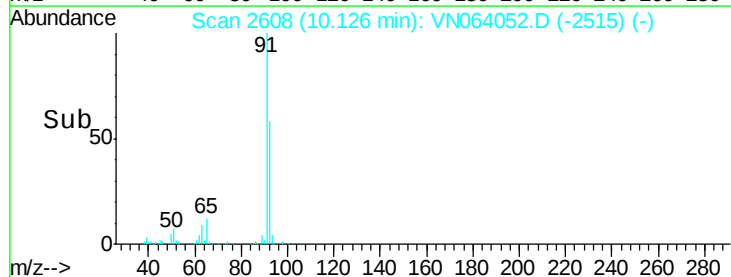
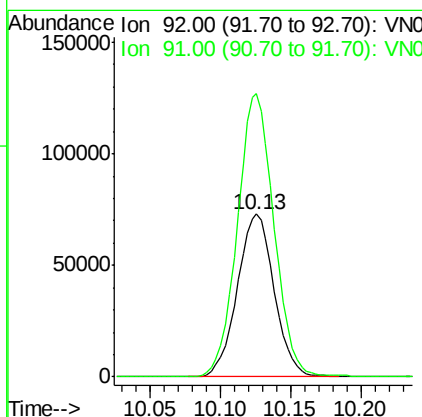
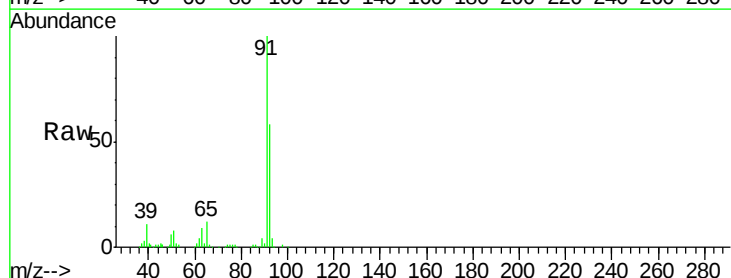
Manual Integrations
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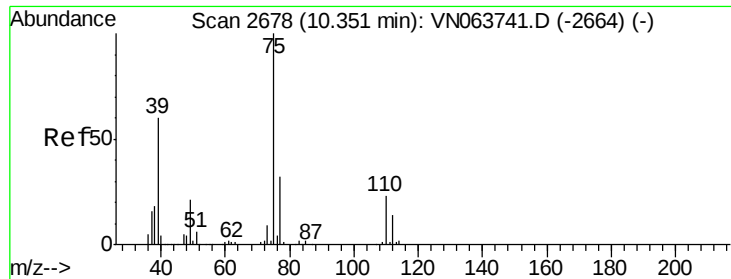
MMDadoda
10/12/2020 2:10:12 PM



#52
Toluene
Concen: 19.226 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 92 Resp: 133571
Ion Ratio Lower Upper
92 100
91 172.2 140.6 210.8





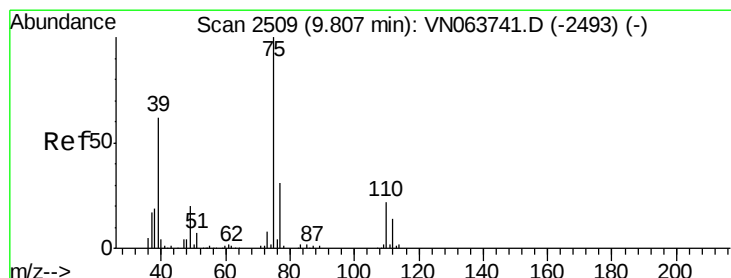
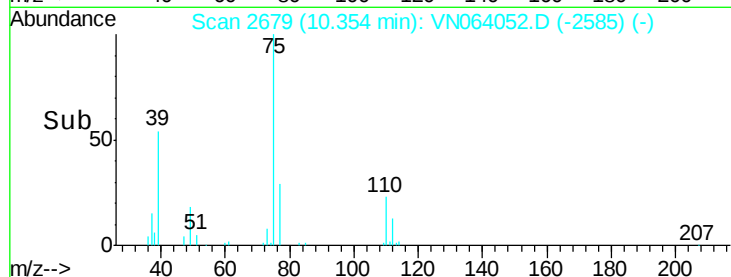
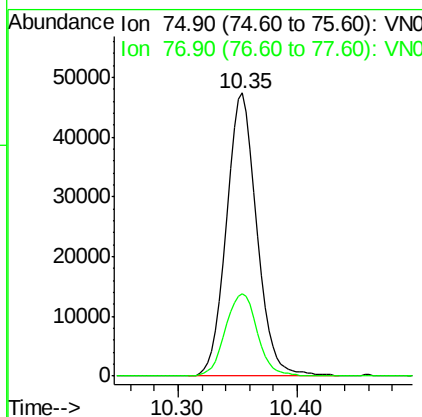
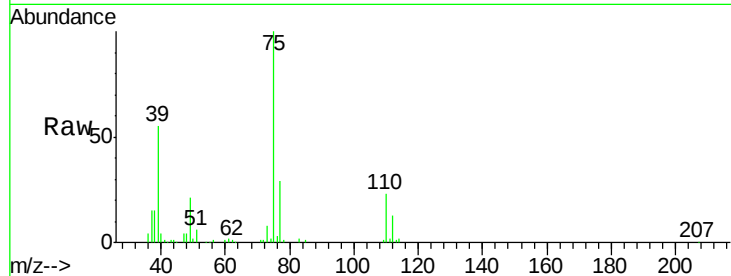
#53
t-1,3-Dichloropropene
Concen: 18.112 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion: 75 Resp: 83734
Ion Ratio Lower Upper
75 100
77 29.1 25.3 37.9

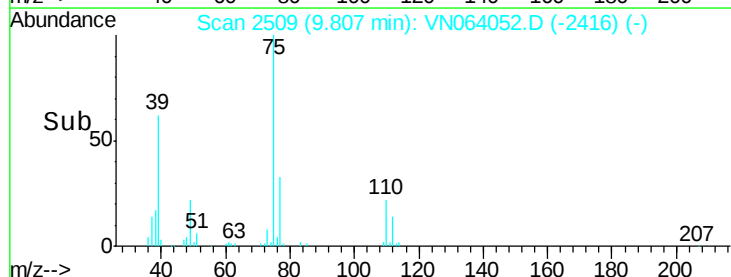
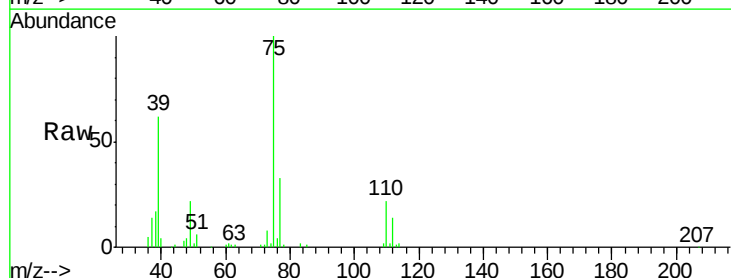
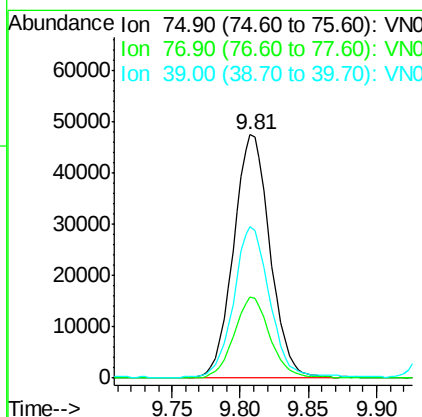
Manual Integrations
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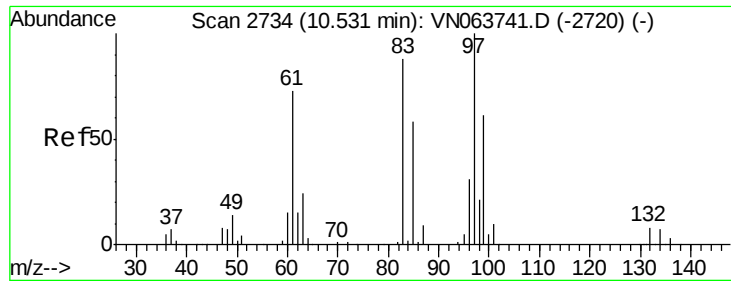
MMDadoda
10/12/2020 2:10:12 PM



#54
cis-1,3-Dichloropropene
Concen: 18.213 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 75 Resp: 88059
Ion Ratio Lower Upper
75 100
77 33.3 24.6 36.8
39 61.7 49.7 74.5





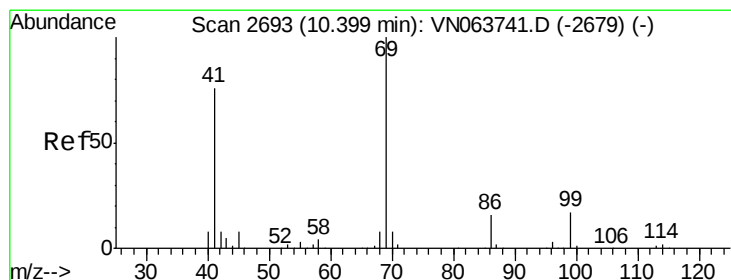
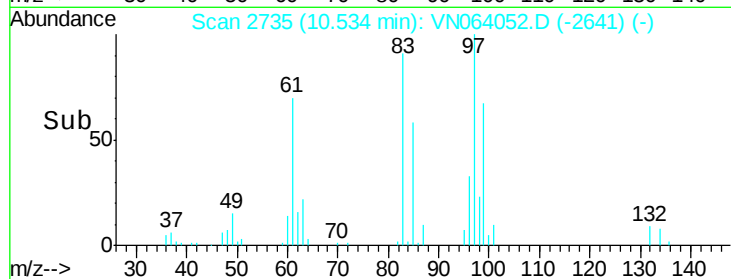
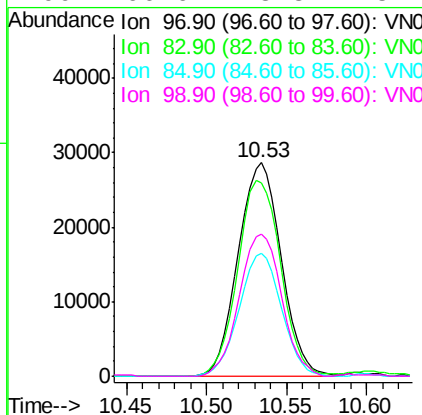
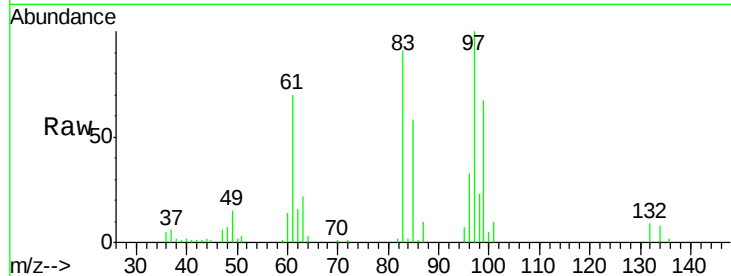
#55
 1,1,2-Trichloroethane
 Concen: 18.924 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion:	97	Resp:	52726
Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.7	106.1
85	57.8	46.1	69.1
99	66.6	48.8	73.2

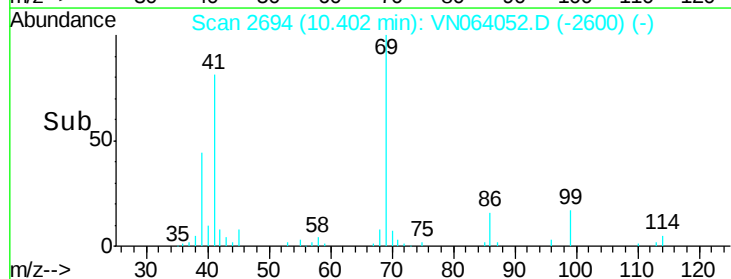
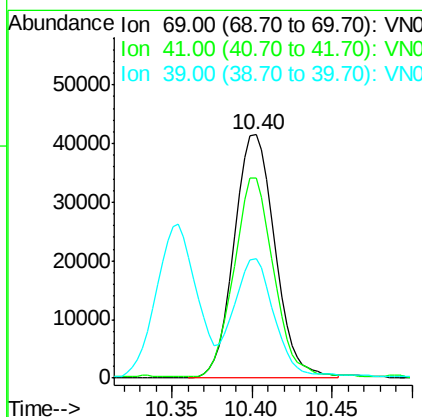
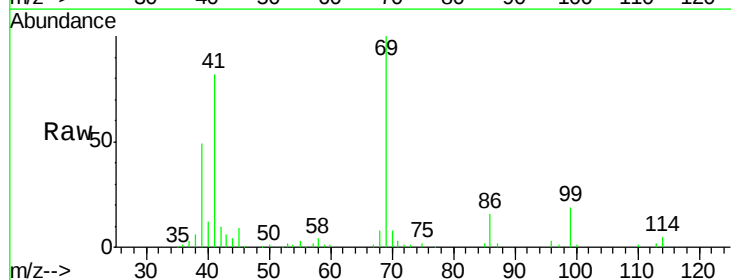
Manual Integrations
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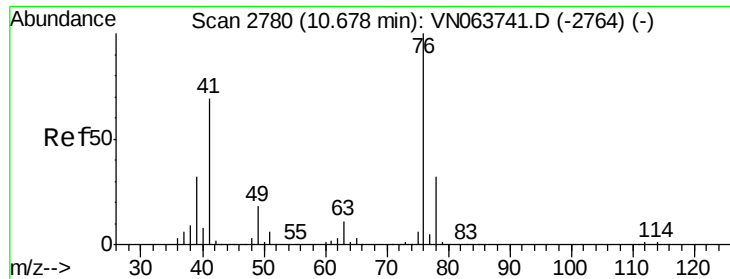
MMDadoda
 10/12/2020 2:10:12 PM



#56
 Ethyl methacrylate
 Concen: 18.310 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion:	69	Resp:	72310
Ion	Ratio	Lower	Upper
69	100		
41	79.6	61.1	91.7
39	49.3	42.2	63.4





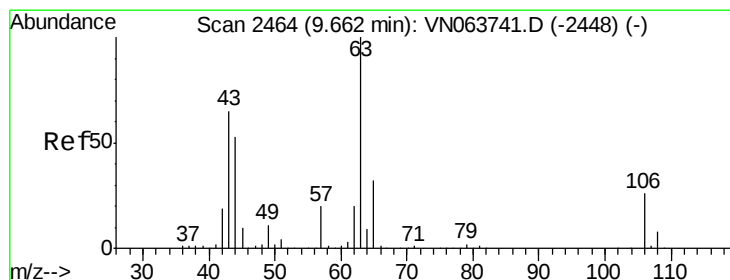
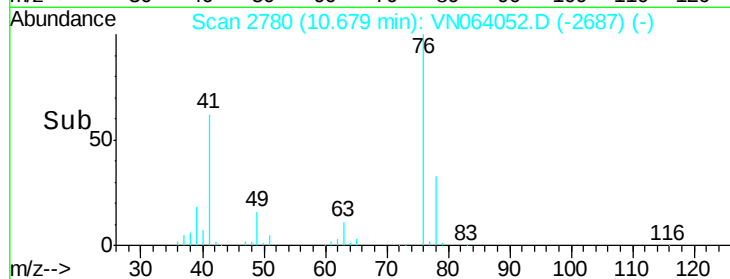
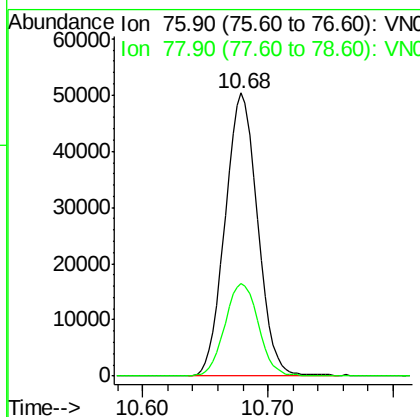
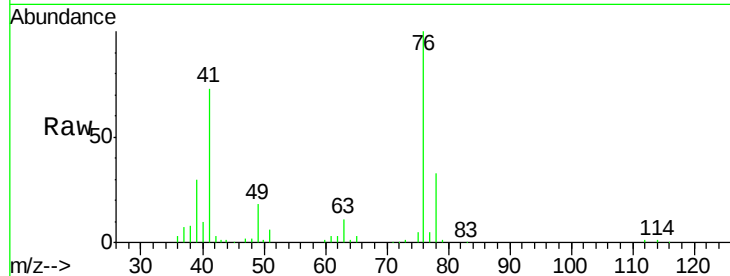
#57
 1,3-Dichloropropane
 Concen: 19.260 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion: 76 Resp: 90785
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.2 37.8

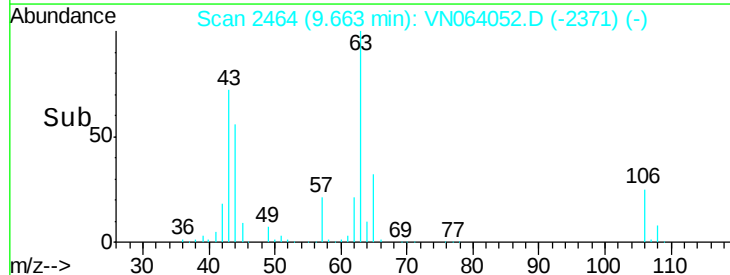
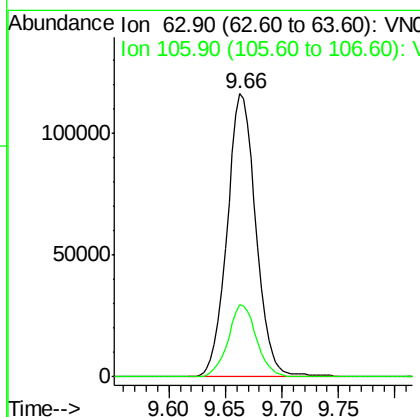
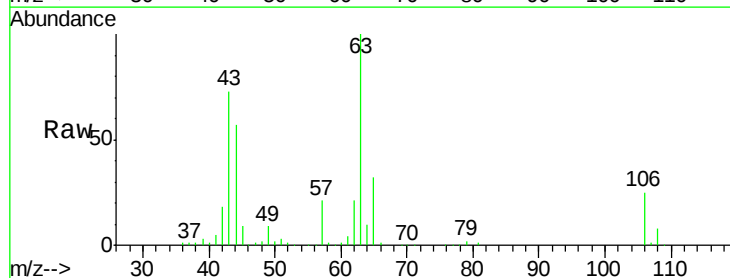
Manual Integrations
 APPROVED

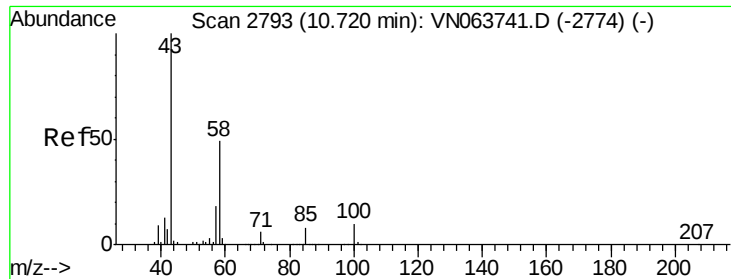
MMDadoda
 10/12/2020 2:10:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.618 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion: 63 Resp: 206218
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.7 31.1





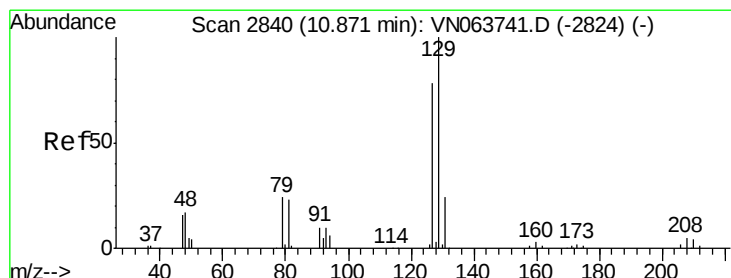
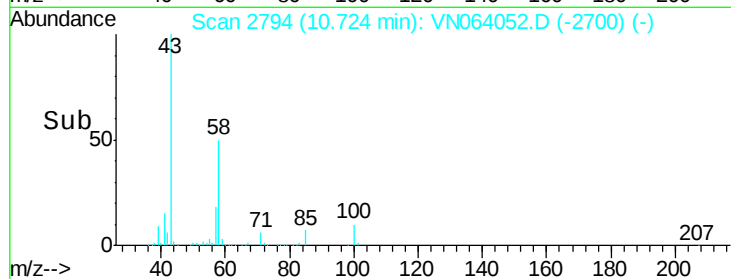
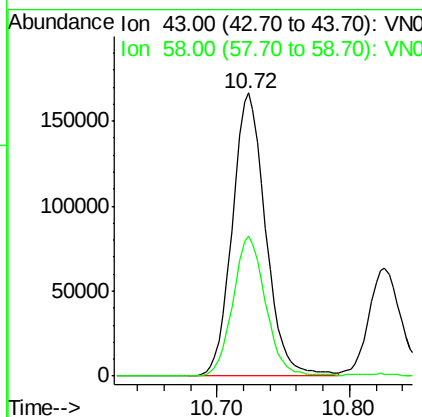
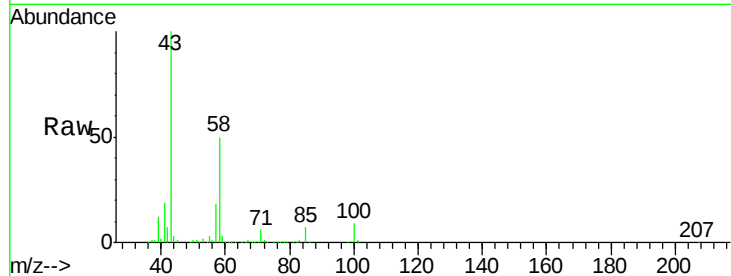
#59
2-Hexanone
Concen: 102.280 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion: 43 Resp: 287343
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.8

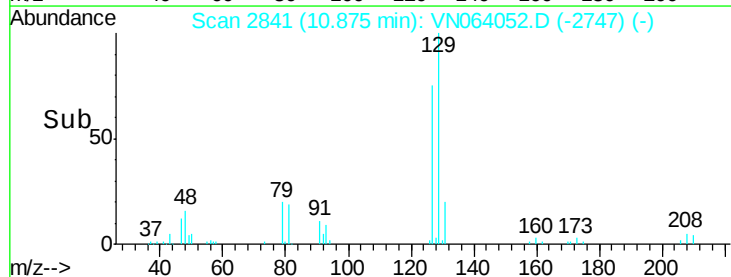
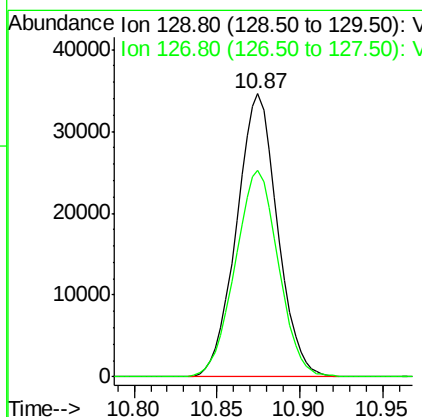
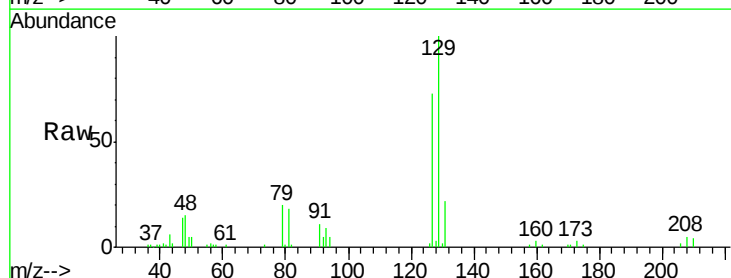
Manual Integrations
APPROVED

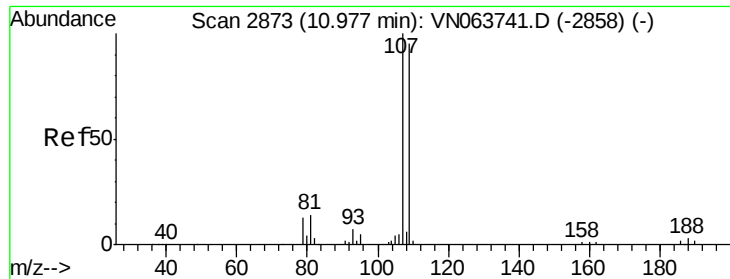
MMDadoda
10/12/2020 2:10:12 PM



#60
Dibromochloromethane
Concen: 18.285 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 129 Resp: 59329
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





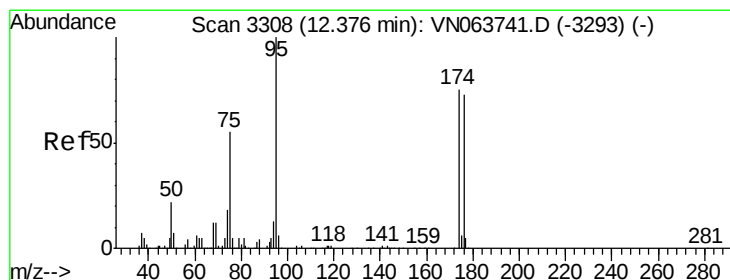
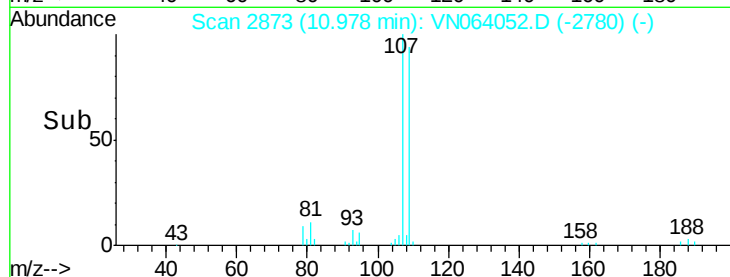
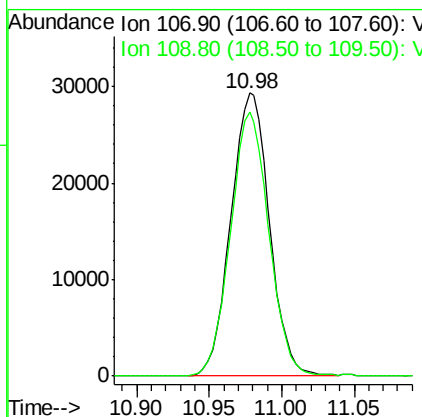
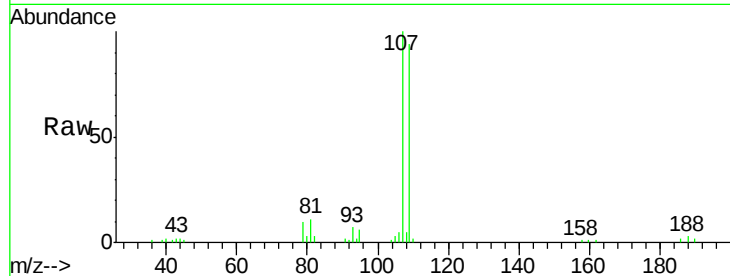
#61
 1,2-Dibromoethane
 Concen: 18.986 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	74.8	112.2

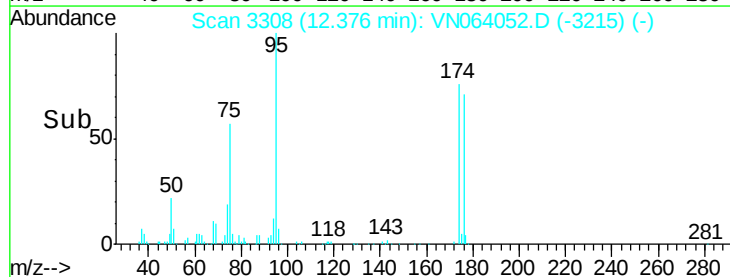
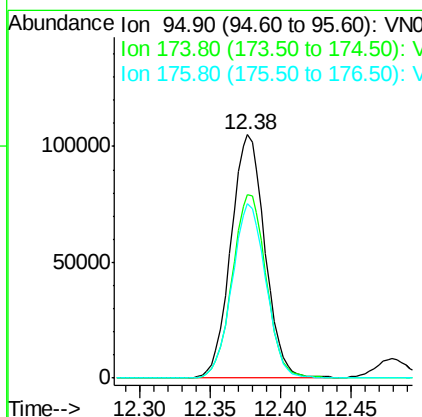
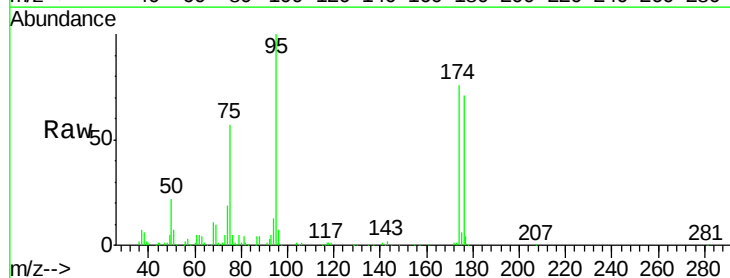
Manual Integrations
 APPROVED

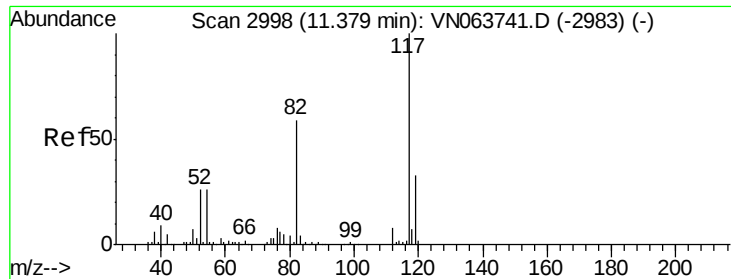
MMDadoda
 10/12/2020 2:10:12 PM



#62
 4-Bromofluorobenzene
 Concen: 46.301 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.6
176	71.3	0.0	145.4





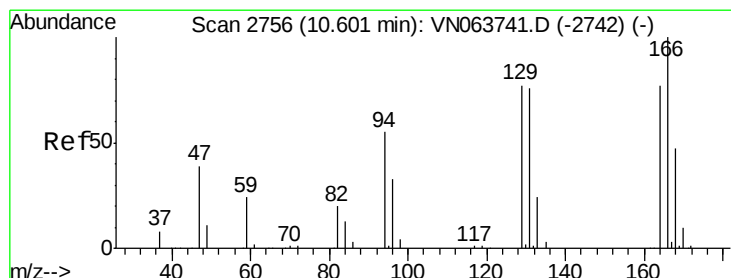
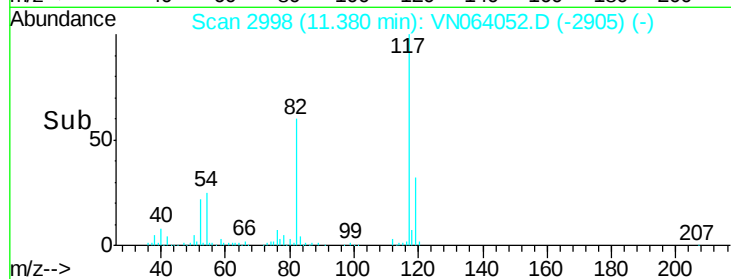
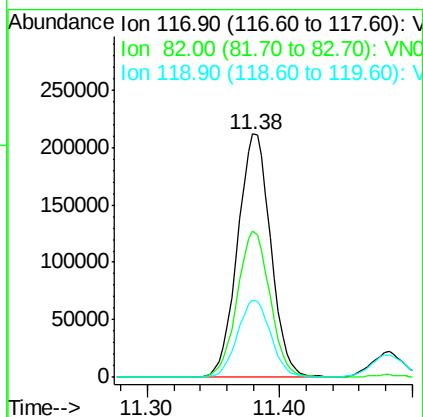
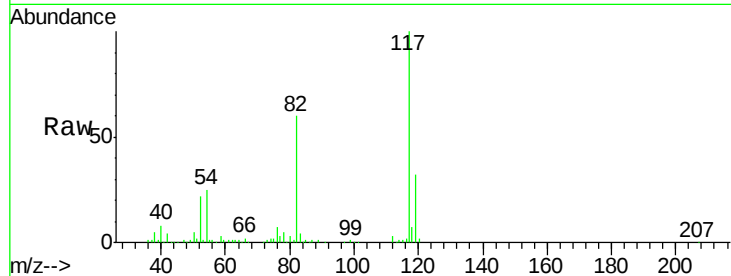
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	367175		
82	59.9	47.4	71.2	
119	31.7	26.4	39.6	

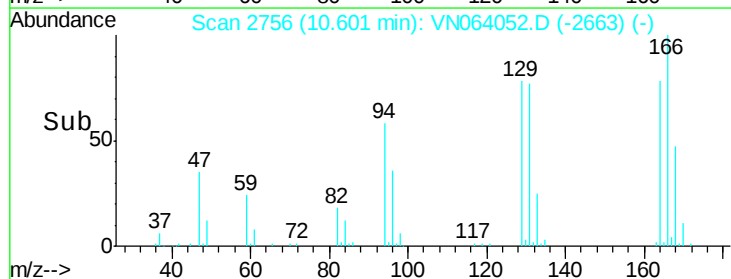
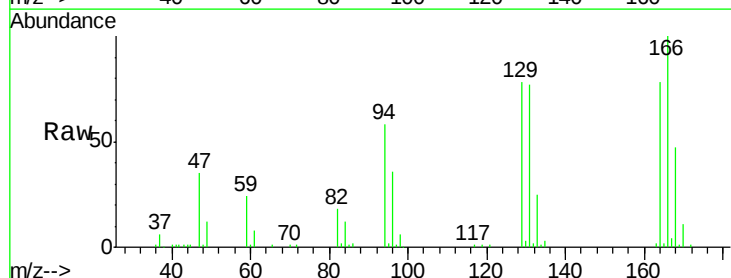
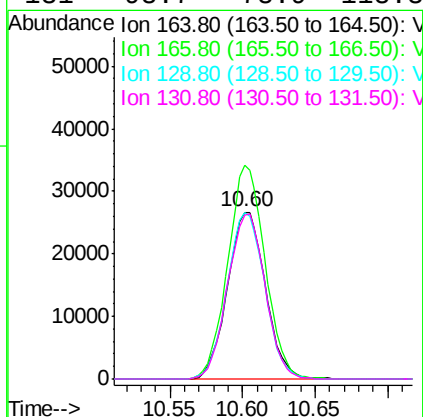
Manual Integrations
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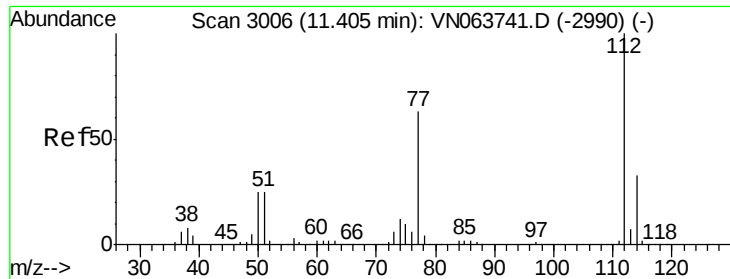
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#64
Tetrachloroethene
Concen: 17.010 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48322		
166	128.2	103.9	155.9	
129	99.6	80.3	120.5	
131	98.7	78.9	118.3	





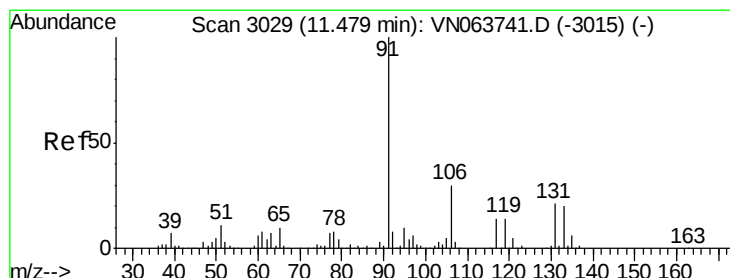
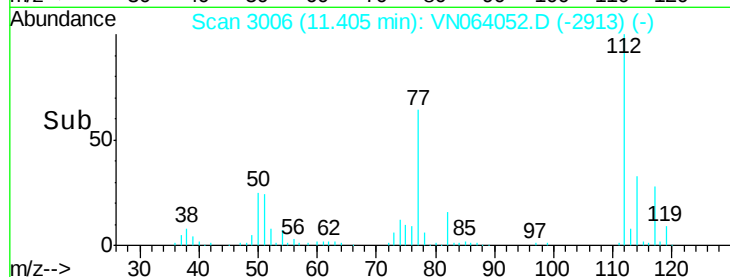
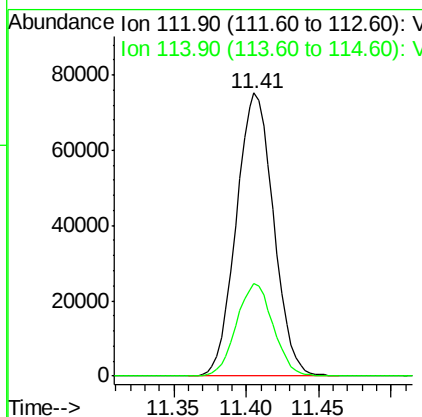
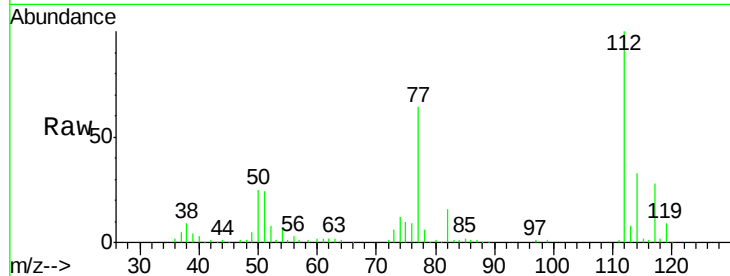
#65
Chlorobenzene
Concen: 17.846 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion:112 Resp: 134413
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1

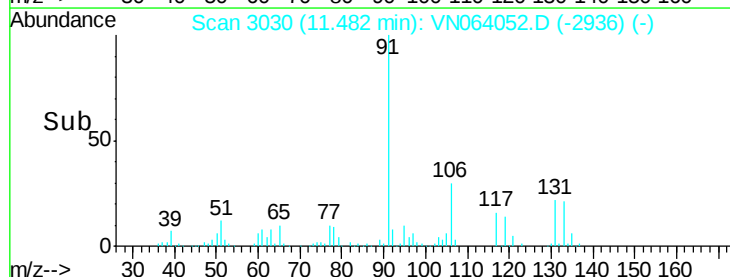
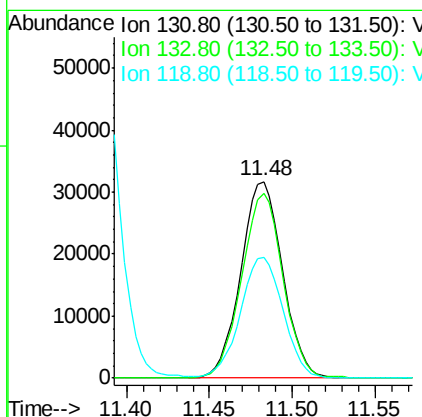
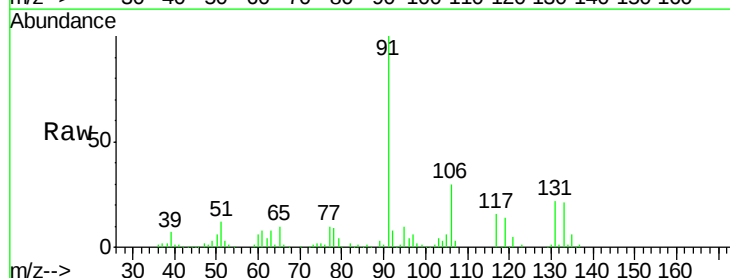
Manual Integrations
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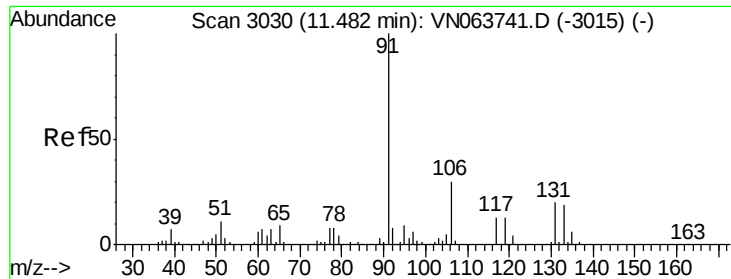
MMDadoda
10/12/2020 2:10:12 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.222 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion:131 Resp: 55505
Ion Ratio Lower Upper
131 100
133 93.4 47.3 141.8
119 63.1 32.6 97.7





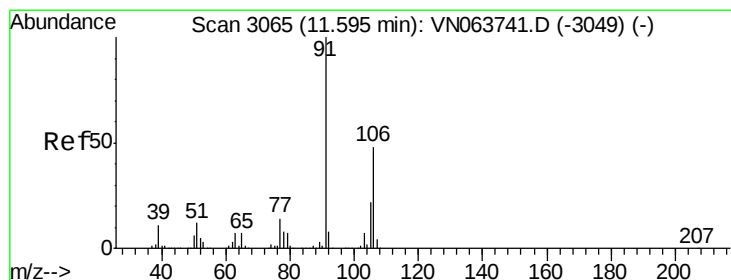
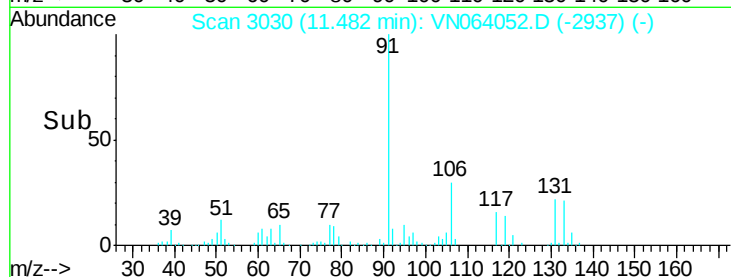
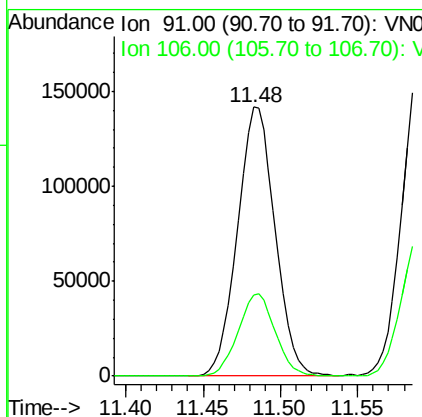
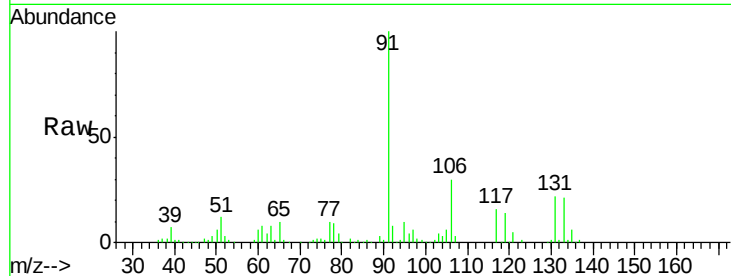
#67
Ethyl Benzene
Concen: 17.471 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.2

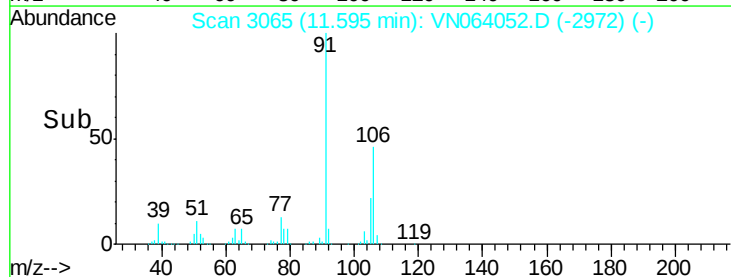
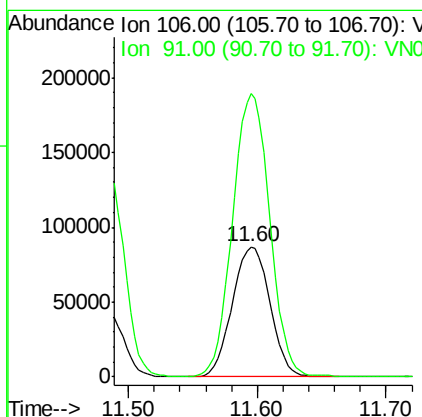
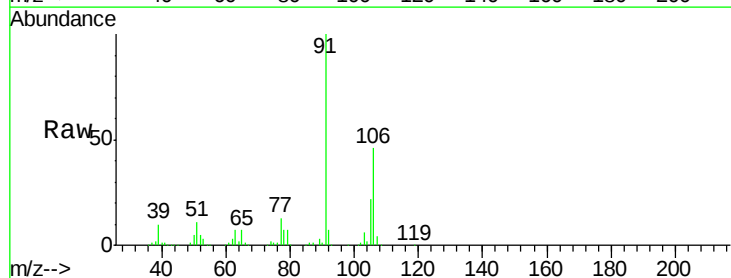
Manual Integrations
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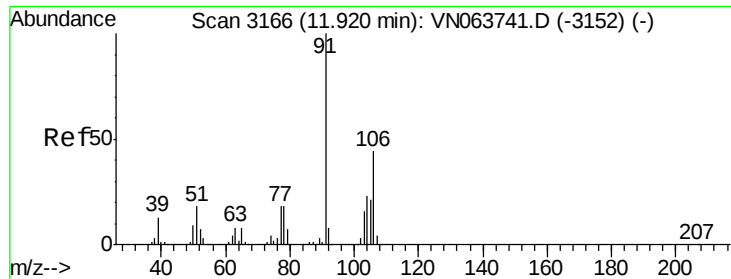
MMDadoda
10/12/2020 2:10:12 PM



#68
m/p-Xylenes
Concen: 34.531 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.5	168.0	252.0





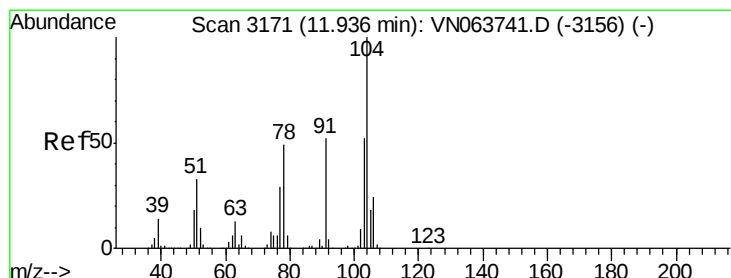
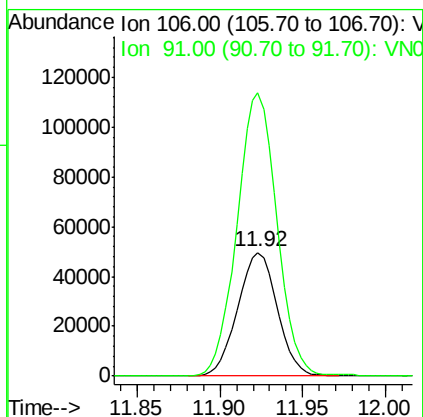
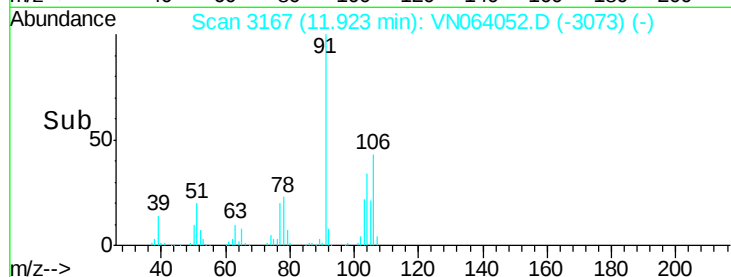
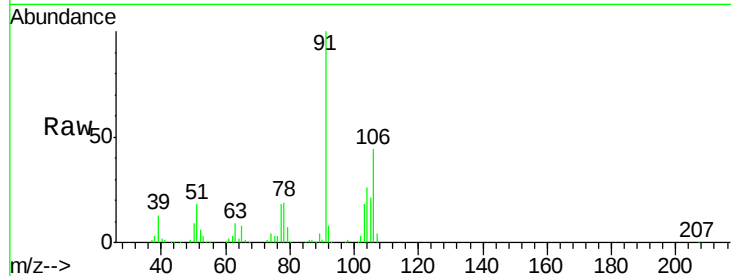
#69
o-Xylene
Concen: 17.349 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion:106 Resp: 82826
Ion Ratio Lower Upper
106 100
91 230.5 112.7 338.0

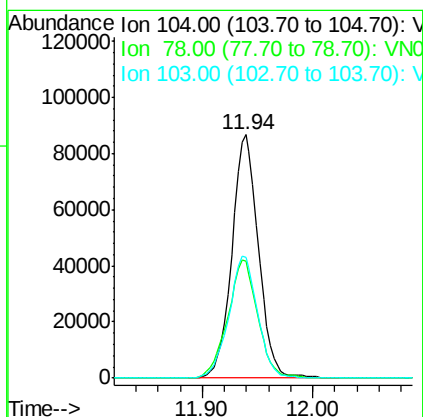
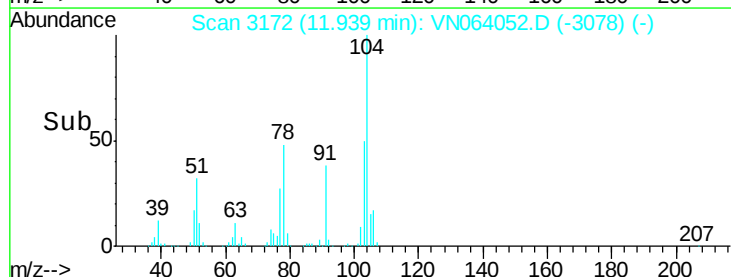
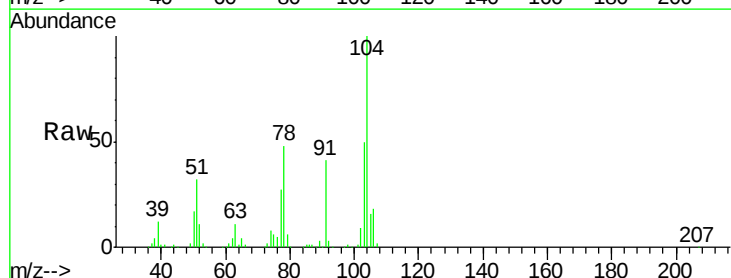
Manual Integrations
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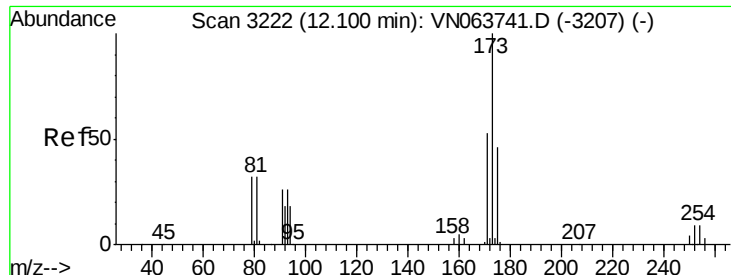
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#70
Styrene
Concen: 17.858 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion:104 Resp: 144724
Ion Ratio Lower Upper
104 100
78 54.7 44.1 66.1
103 54.1 44.3 66.5





#71

Bromoform

Concen: 17.993 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

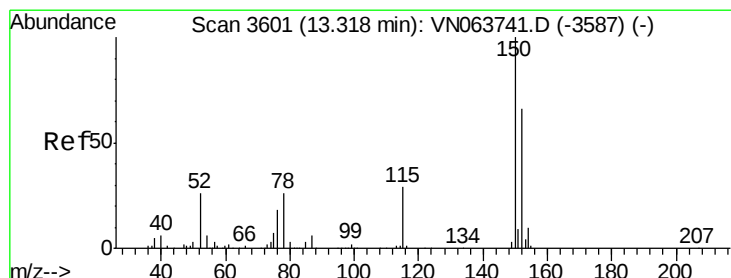
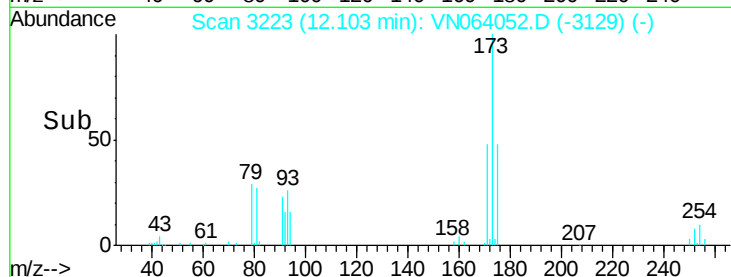
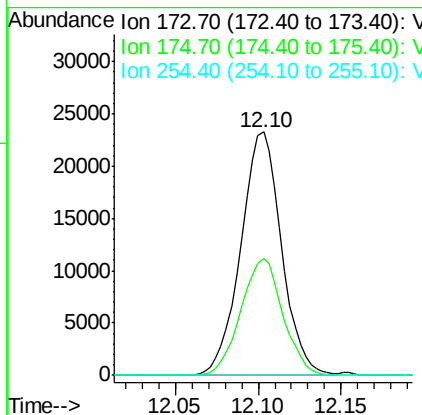
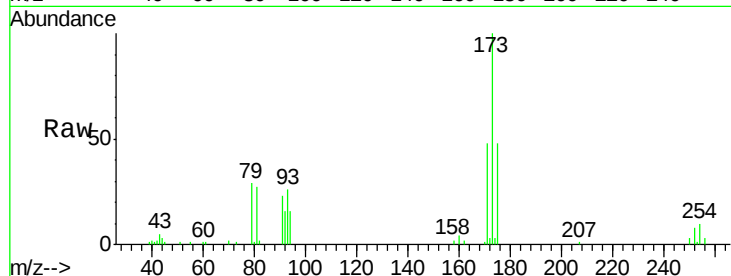
ClientSampleId :

VN1009WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	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

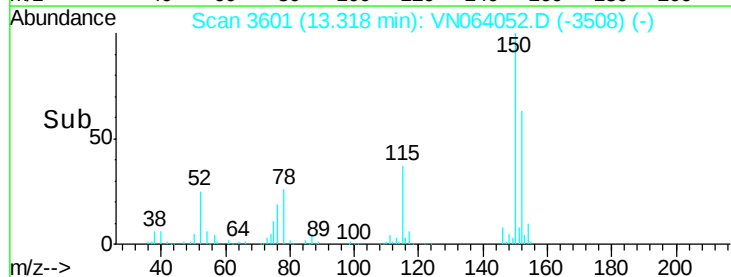
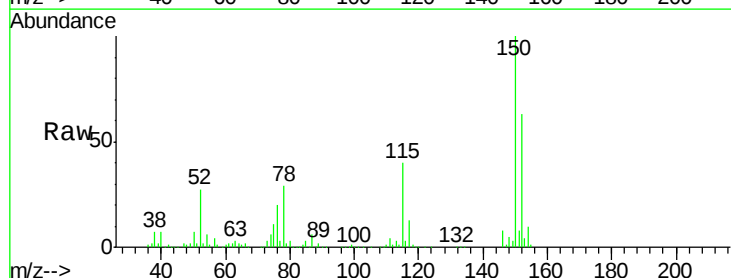
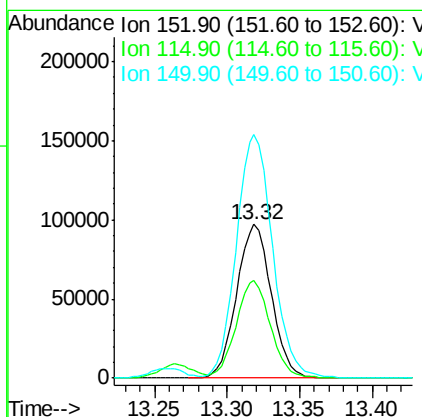
RT: 13.32 min Scan# 3601

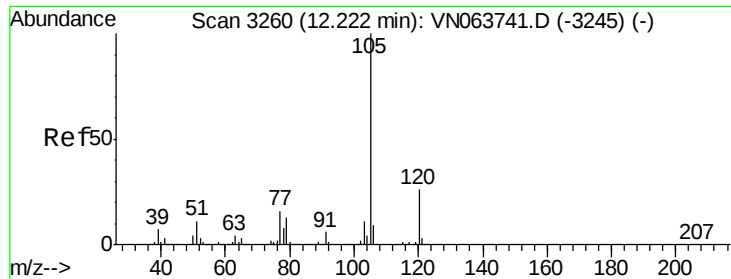
Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.3	93.8
150	164.7	0.0	341.8





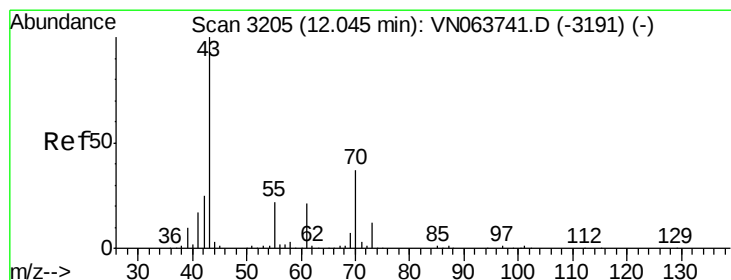
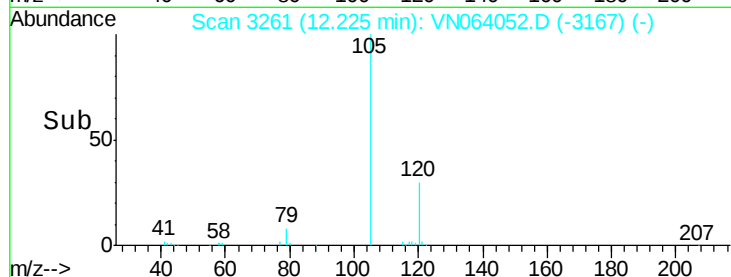
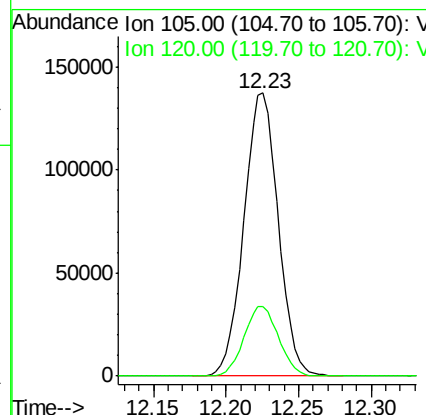
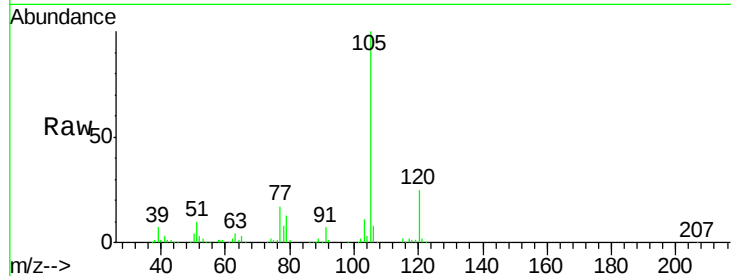
#73
Isopropylbenzene
Concen: 19.229 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.6	37.8

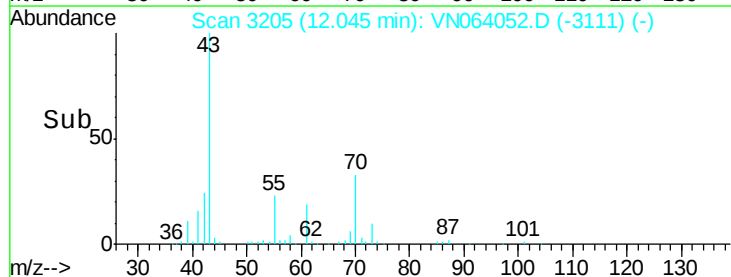
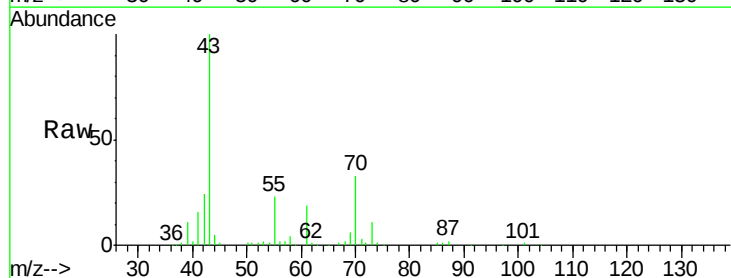
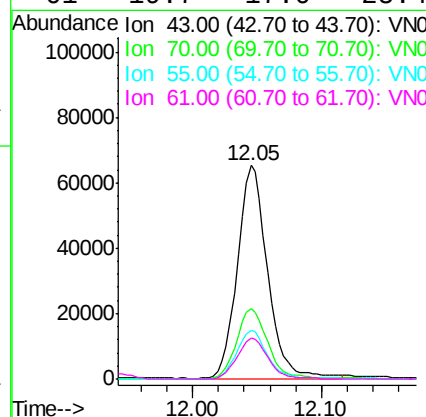
Manual Integrations
APPROVED

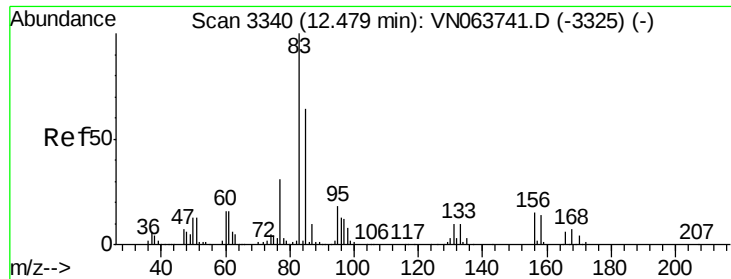
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#74
N-ethyl acetate
Concen: 20.710 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	34.0	29.8	44.8
55	23.1	17.9	26.9
61	19.7	17.0	25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.861 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

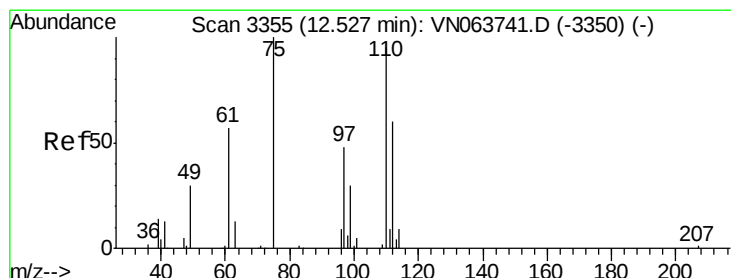
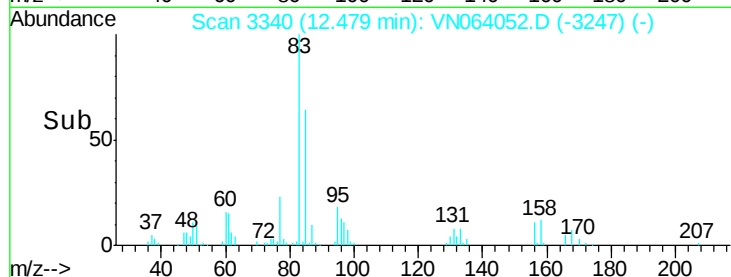
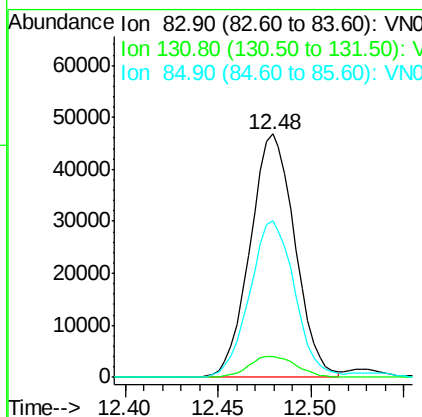
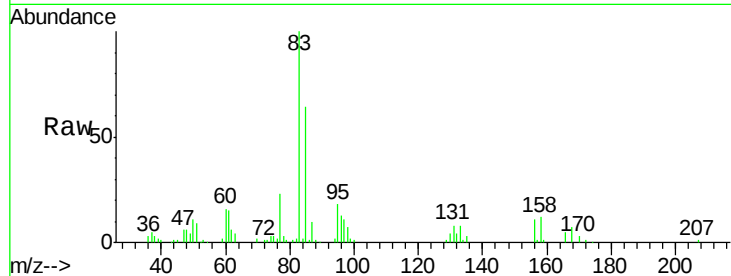
ClientSampleId :

VN1009WBS02

Tot Ion:	83	Resp:	78653
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.3	15.8
85	64.7	31.3	93.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.472 ug/l m

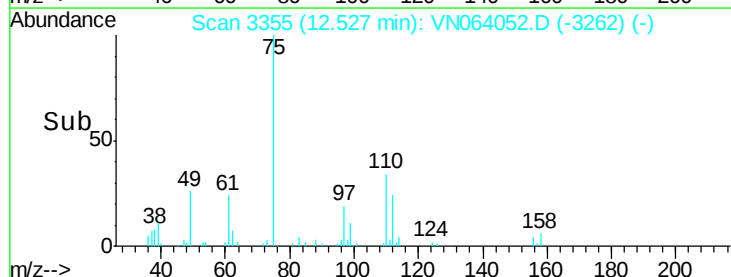
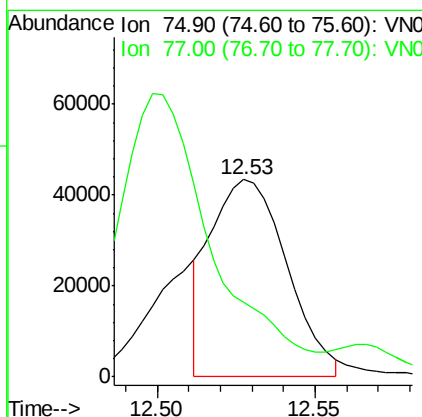
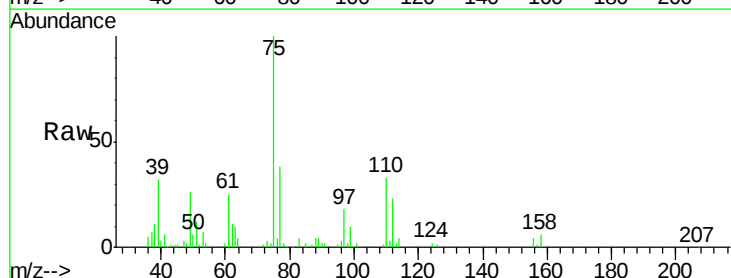
RT: 12.53 min Scan# 3355

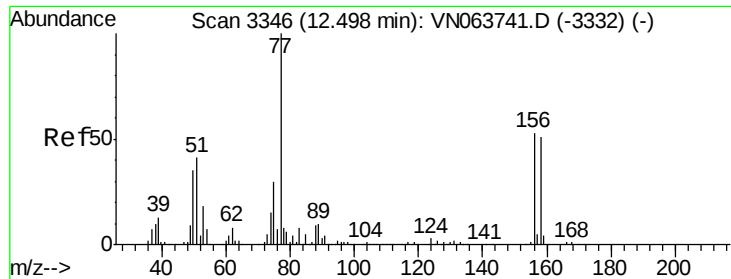
Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Tgt Ion:	75	Resp:	72796
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.872 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tot Ion:156 Resp: 57371

Ion Ratio Lower Upper

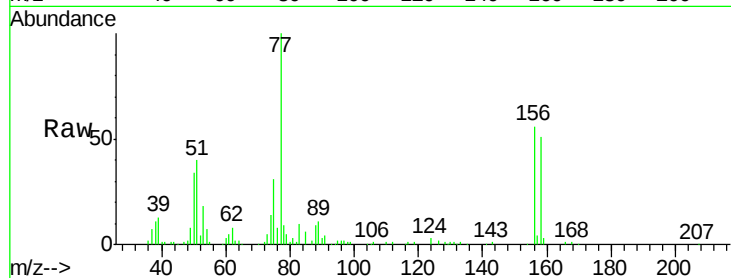
156 100

77 225.6 110.9 332.7

158 97.7 47.7 143.1

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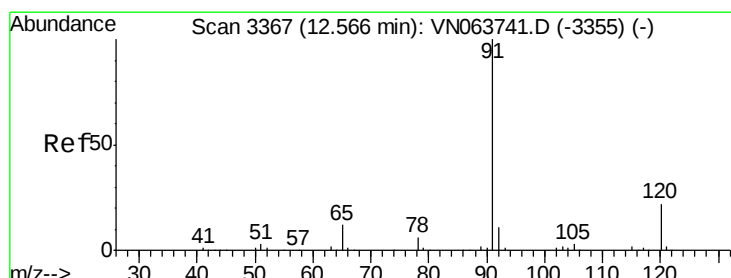
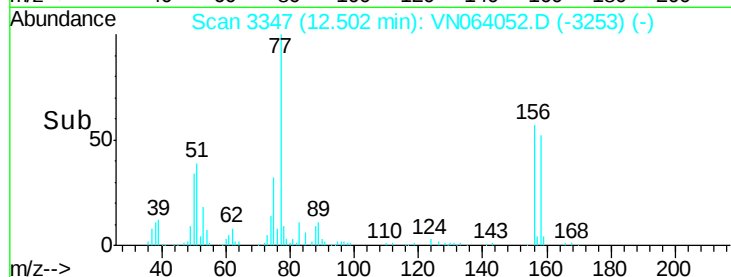
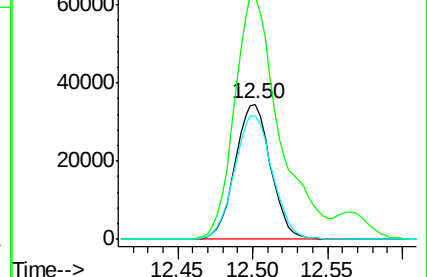
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.634 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064052.D

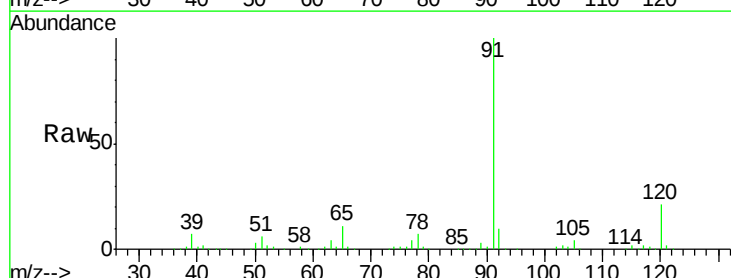
Acq: 9 Oct 2020 22:25

Tgt Ion: 91 Resp: 255160

Ion Ratio Lower Upper

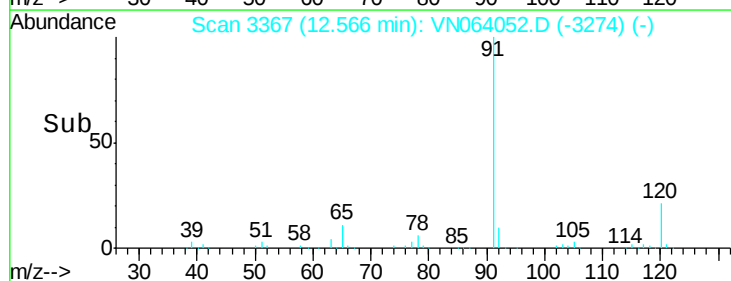
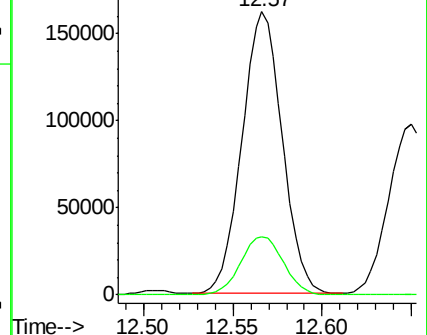
91 100

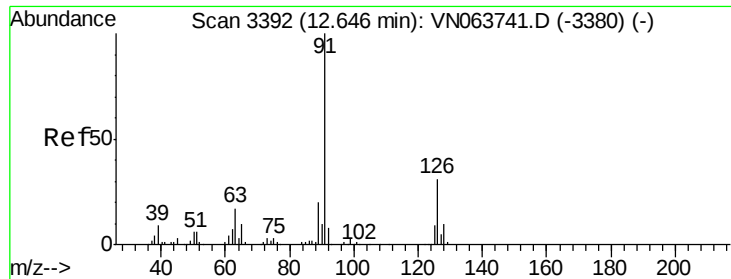
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.485 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tot Ion: 91 Resp: 164098

Ion Ratio Lower Upper

91 100

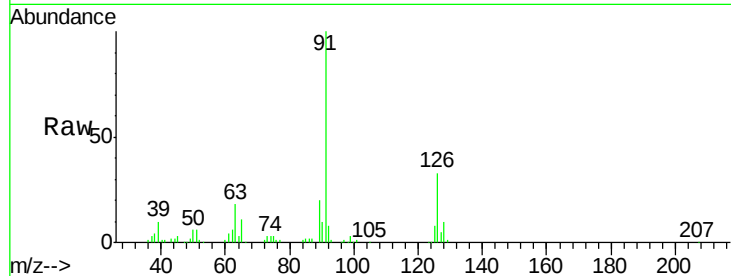
126 32.0 15.9 47.7

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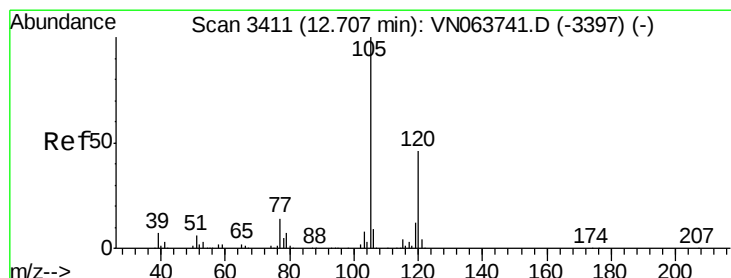
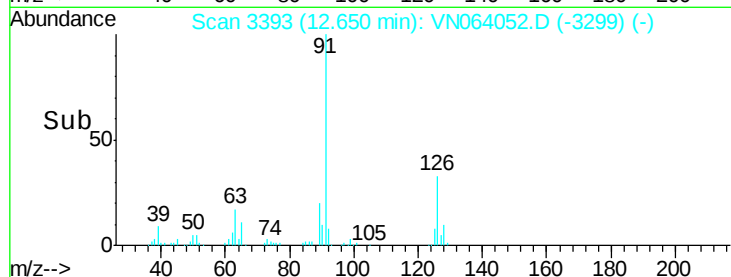
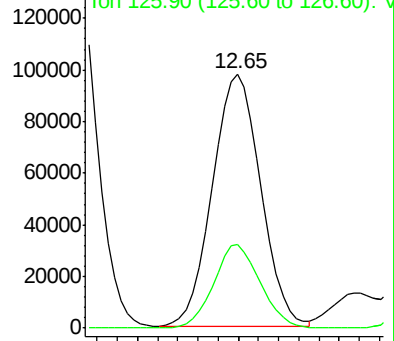
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Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.240 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064052.D

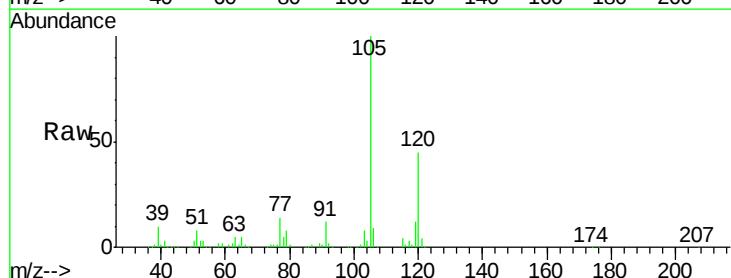
Acq: 9 Oct 2020 22:25

Tgt Ion: 105 Resp: 189916

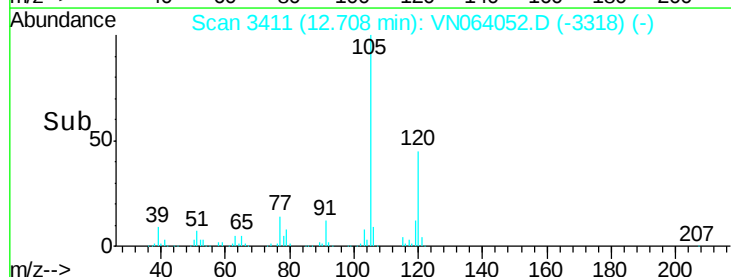
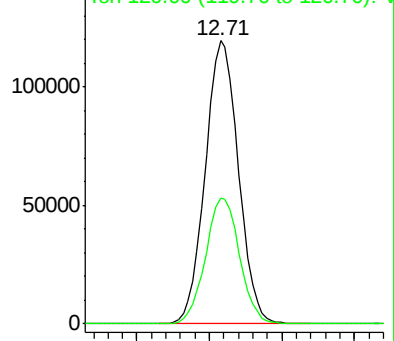
Ion Ratio Lower Upper

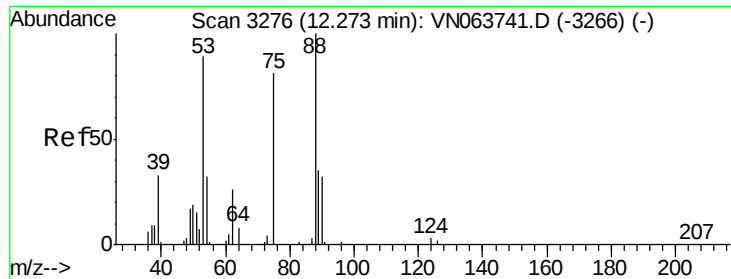
105 100

120 45.8 23.3 69.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.773 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

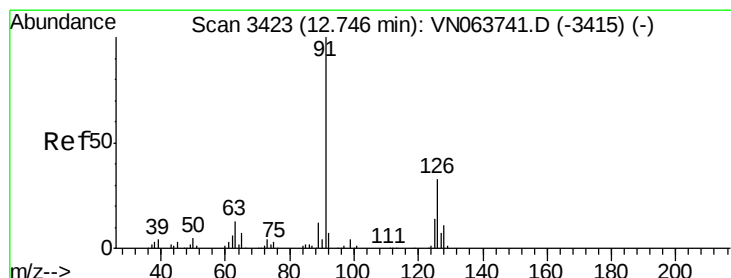
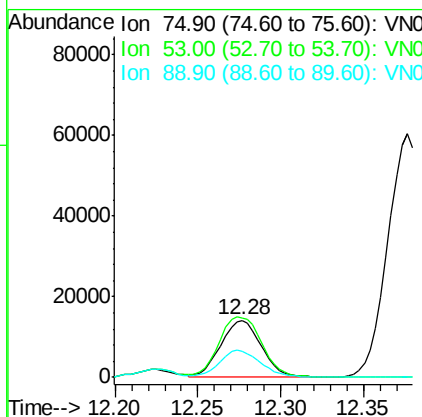
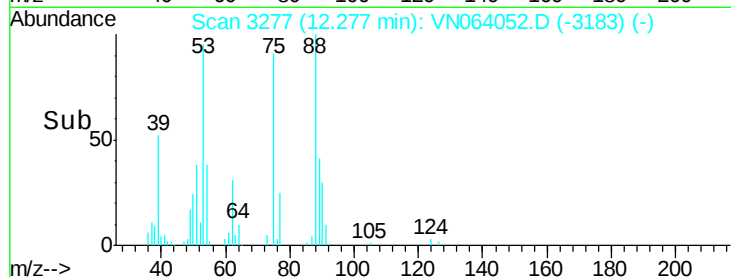
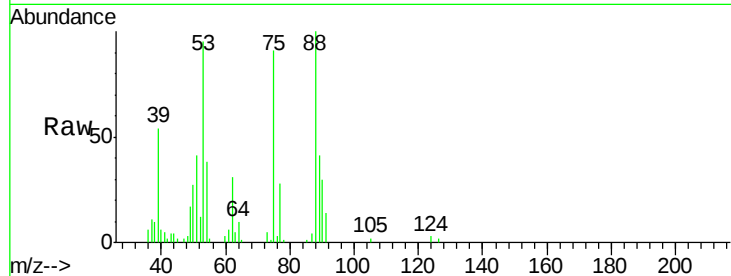
ClientSampleId :

VN1009WBS02

Tot Ion:	75	Resp:	24412
Ion	Ratio	Lower	Upper
75	100		
53	111.3	88.2	132.2
89	47.6	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.273 ug/l

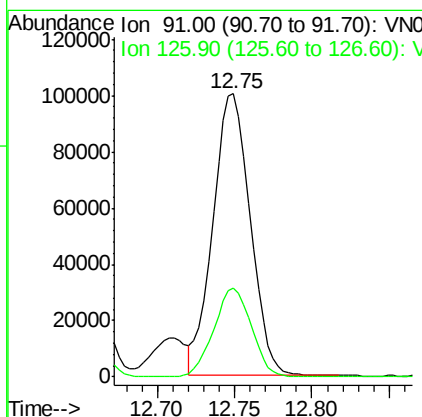
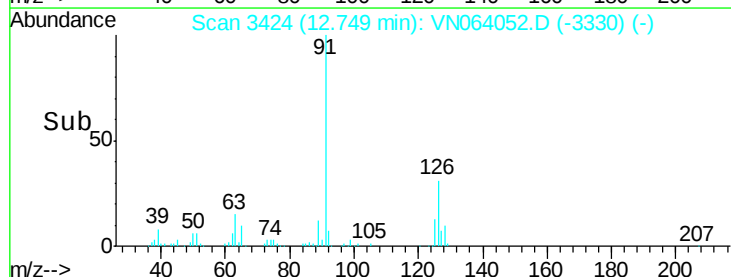
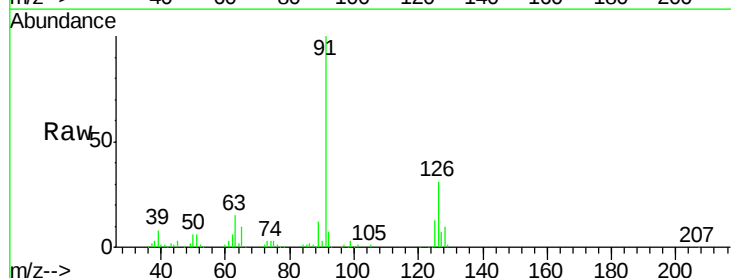
RT: 12.75 min Scan# 3424

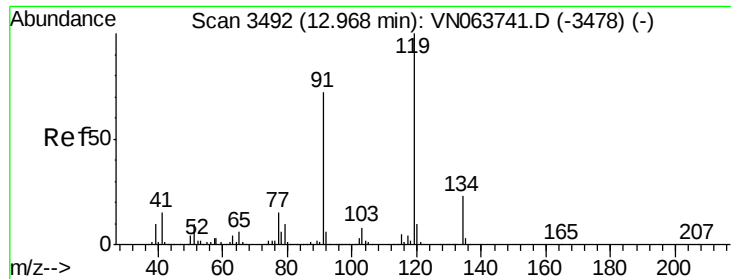
Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Tgt Ion:	91	Resp:	168497
Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.4	46.2





#83

tert-Butylbenzene

Concen: 18.528 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

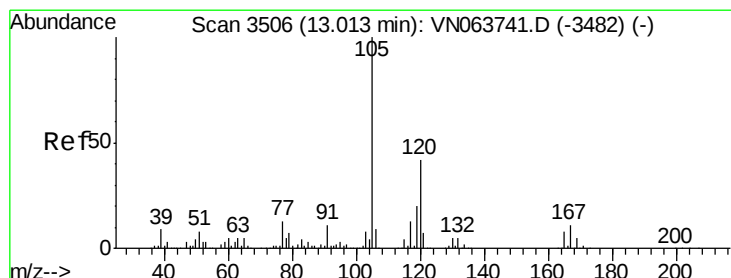
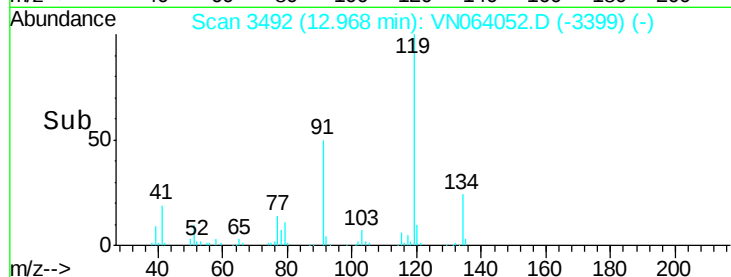
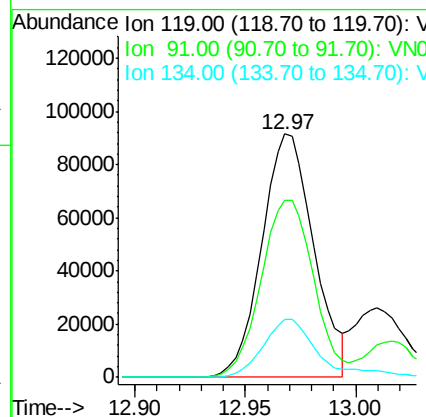
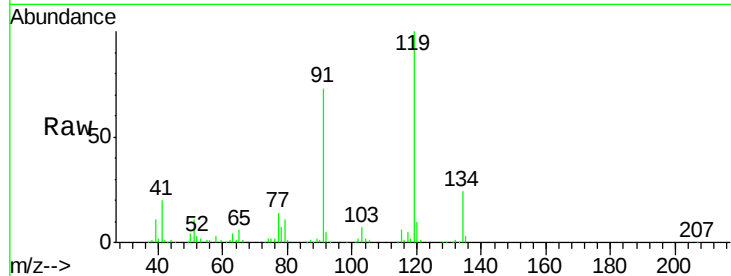
ClientSampleId :

VN1009WBS02

Tot Ion:	119	Resp:	149603
Ion Ratio	Lower	Upper	
119	100		
91	73.8	35.5	106.5
134	25.5	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.033 ug/l

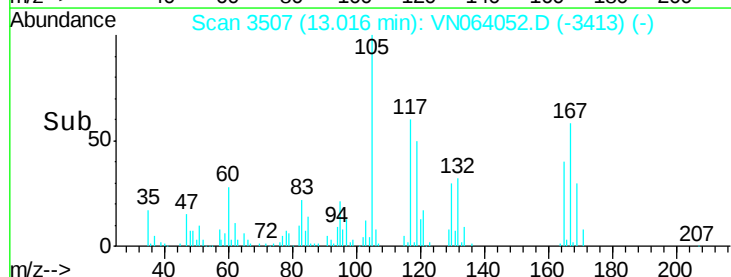
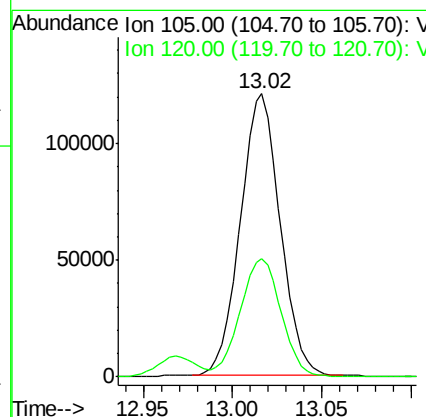
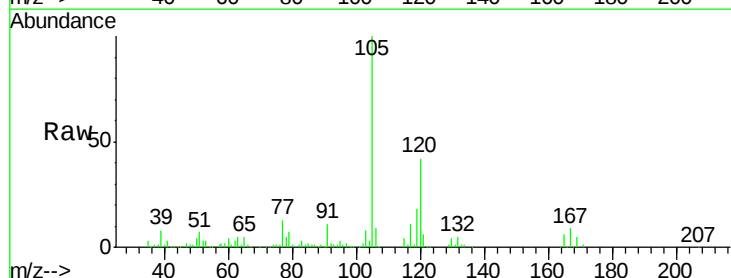
RT: 13.02 min Scan# 3507

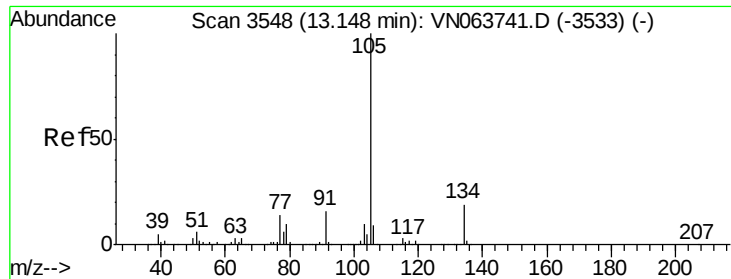
Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Tgt Ion:	105	Resp:	187577
Ion Ratio	Lower	Upper	
105	100		
120	43.4	20.9	62.7





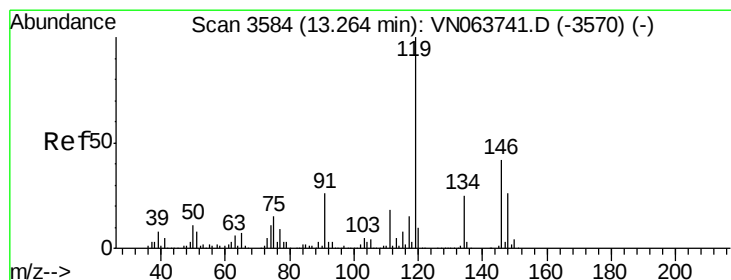
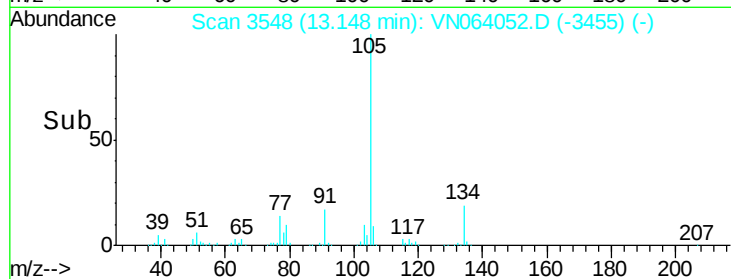
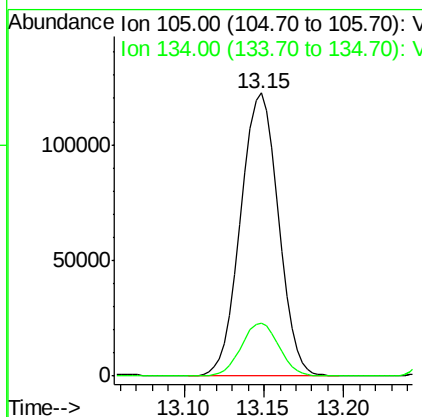
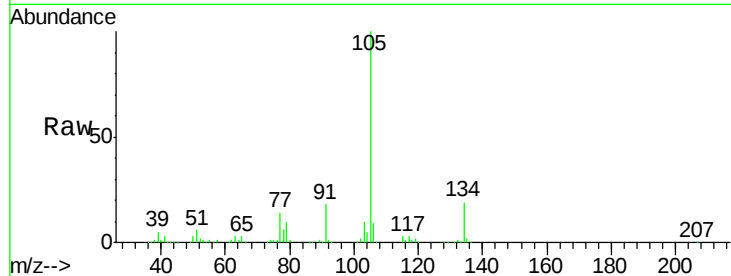
#85
 sec-Butylbenzene
 Concen: 18.529 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	196498		
134	18.8	9.5	28.5	

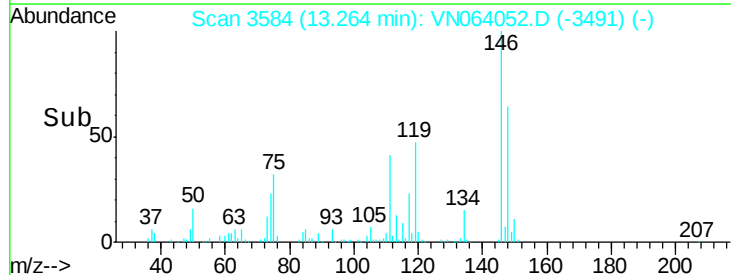
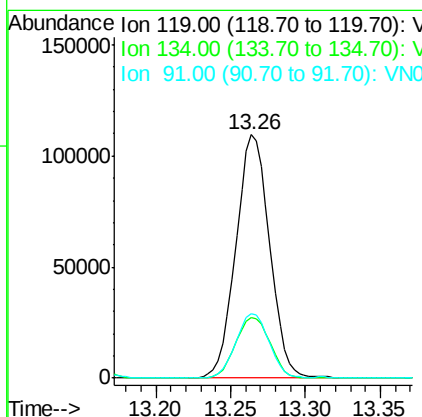
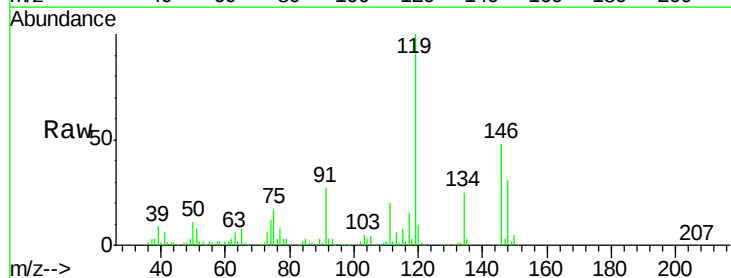
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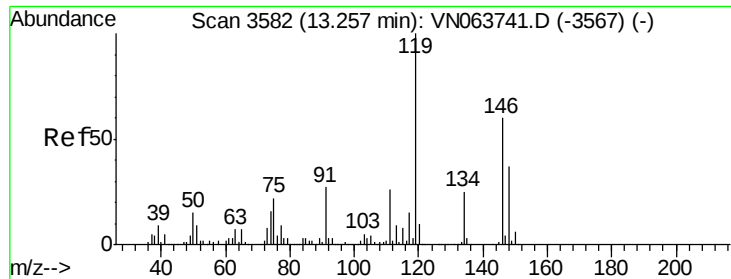
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#86
 p-Isopropyltoluene
 Concen: 18.355 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	172207		
134	25.8	12.6	37.8	
91	26.2	13.4	40.2	





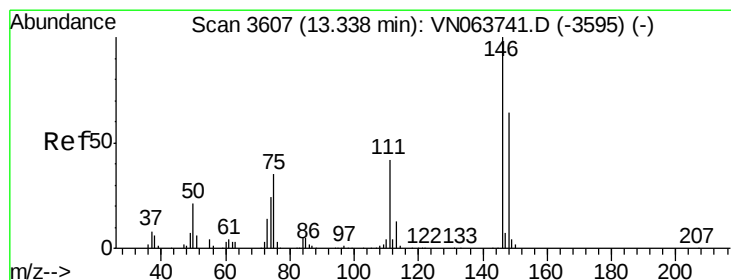
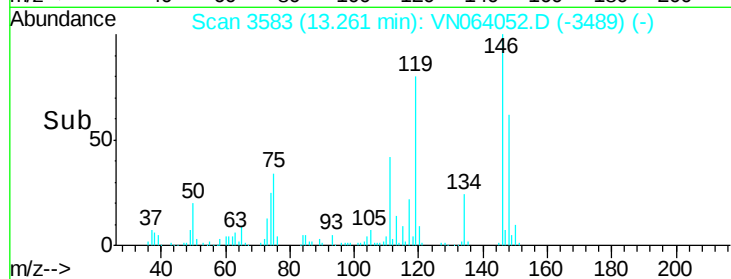
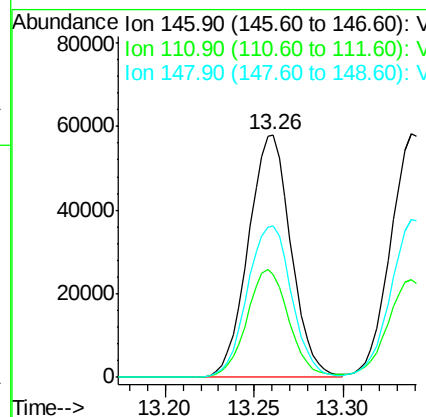
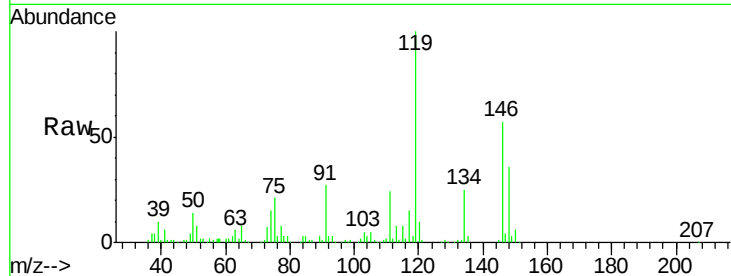
#87
 1,3-Dichlorobenzene
 Concen: 18.518 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.5	64.5
148	65.0	31.1	93.3

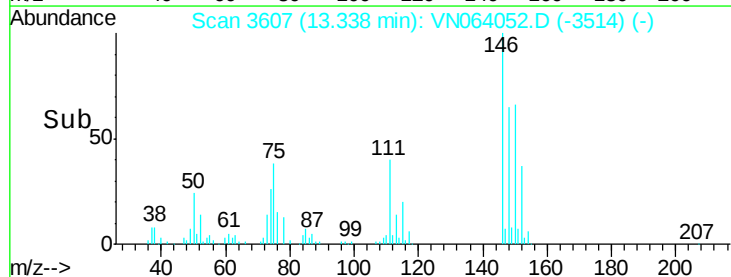
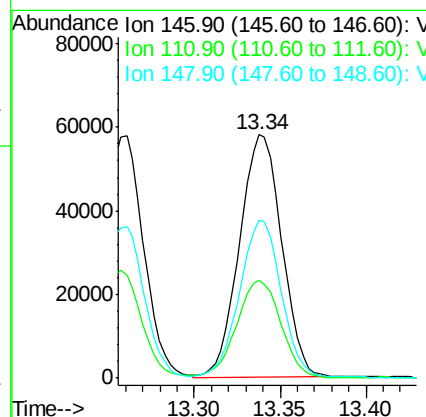
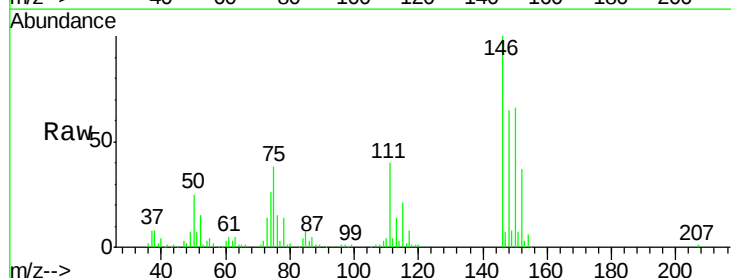
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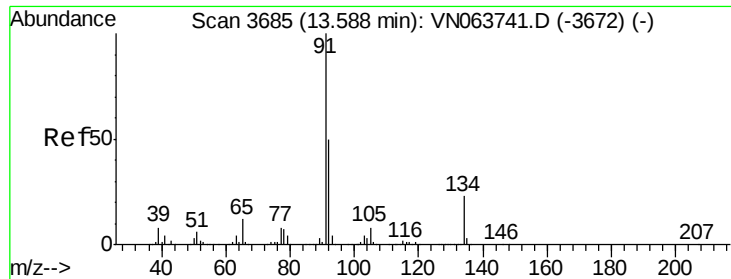
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#88
 1,4-Dichlorobenzene
 Concen: 18.135 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.7
148	65.3	32.0	96.0





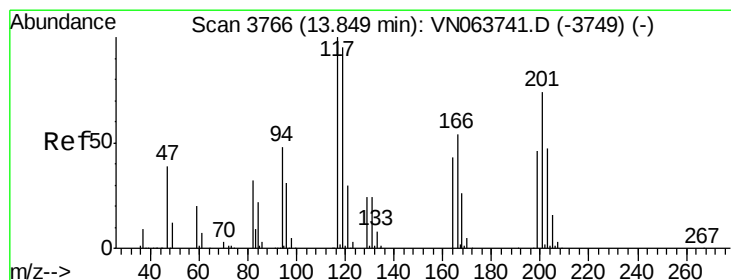
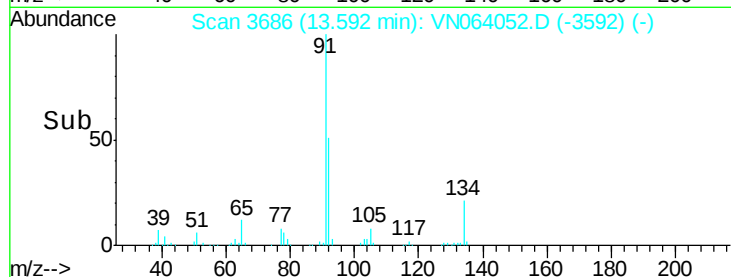
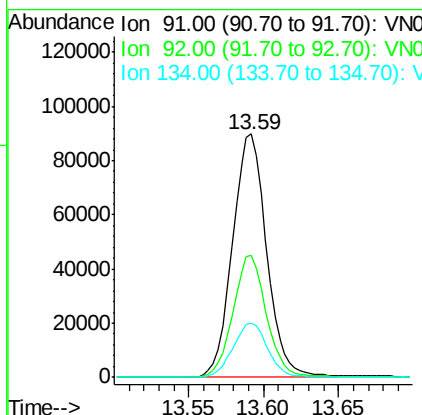
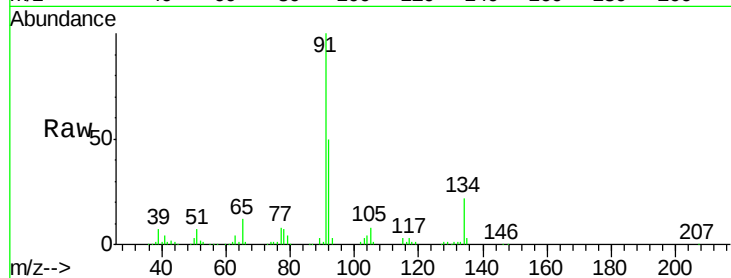
#89
n-Butylbenzene
Concen: 16.476 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		142666		
92	49.2	25.4	76.4		
134	22.7	11.7	35.1		

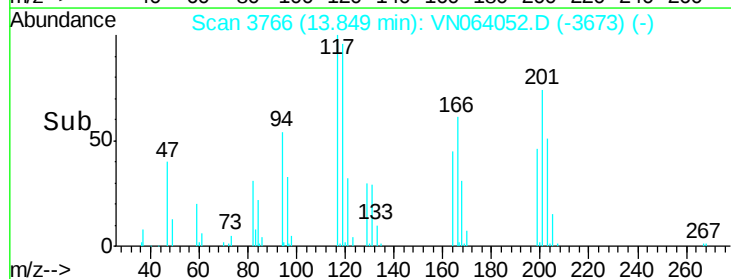
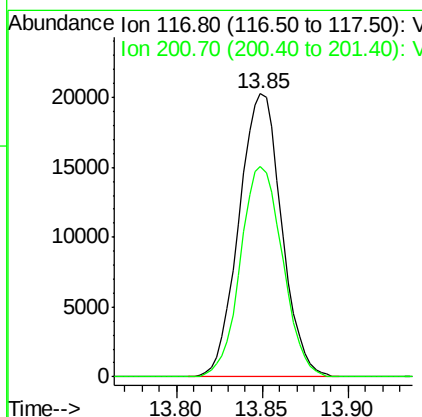
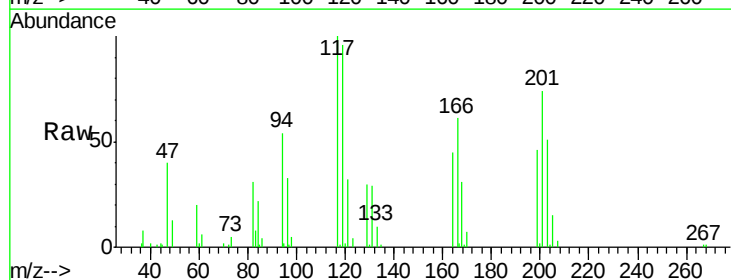
Manual Integrations
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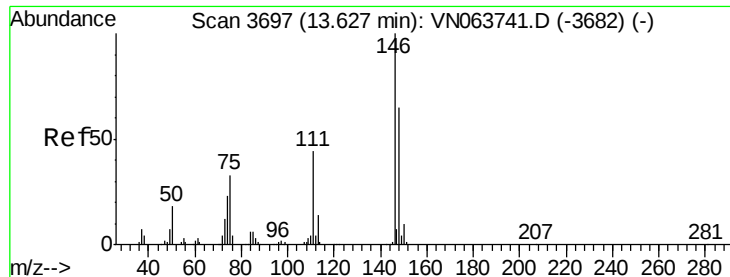
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#90
Hexachloroethane
Concen: 19.163 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		34839		
201	73.6	36.0	108.0		





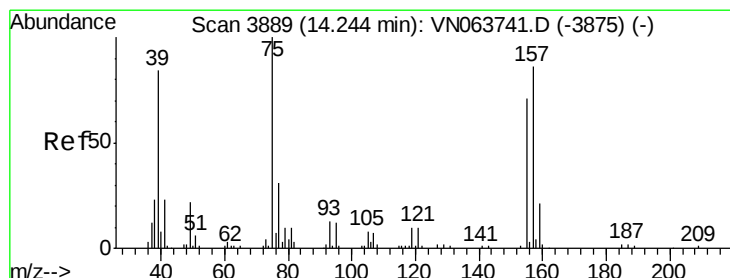
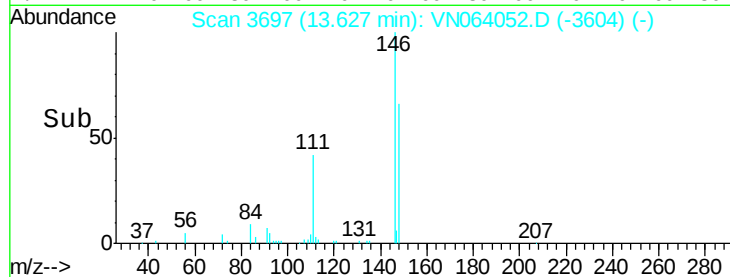
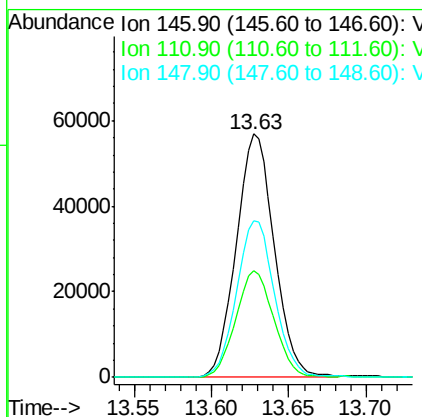
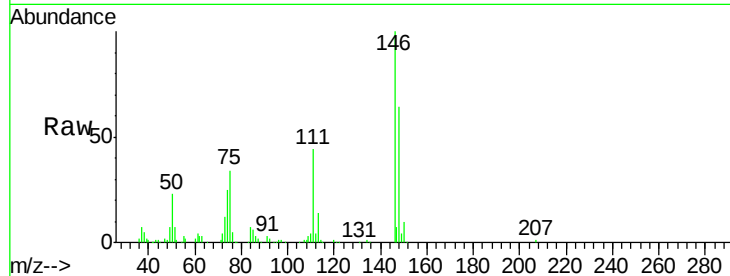
#91
 1,2-Dichlorobenzene
 Concen: 18.781 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.2	66.6
148	64.5	32.5	97.4

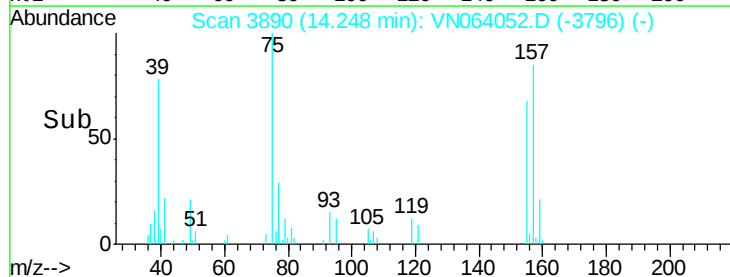
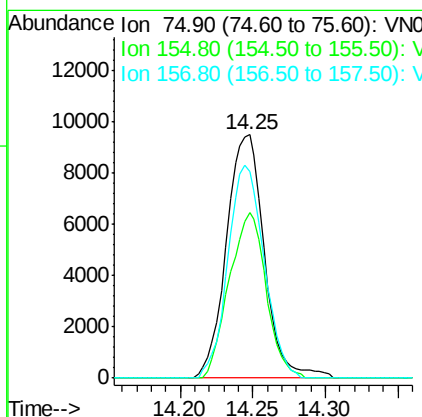
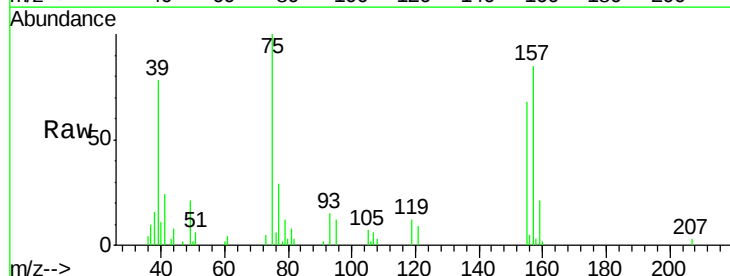
Manual Integrations
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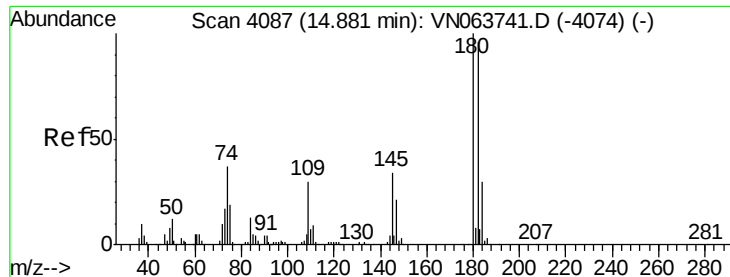
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.338 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.1	34.8	104.5
157	83.7	43.7	131.1





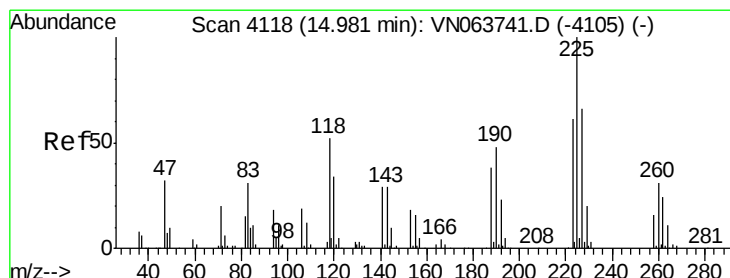
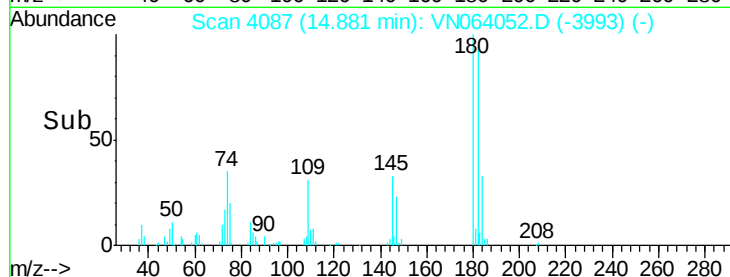
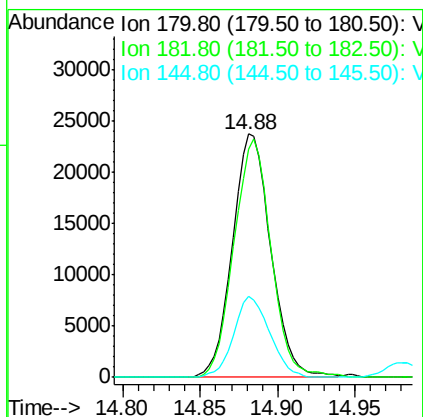
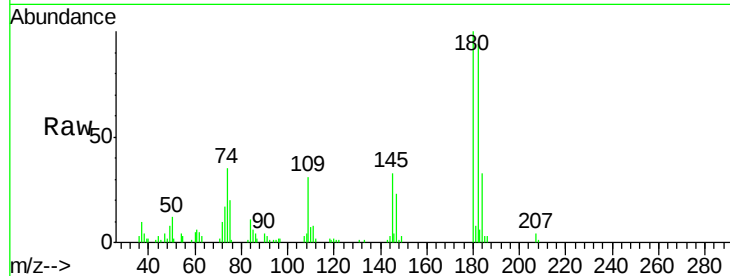
#93
 1,2,4-Trichlorobenzene
 Concen: 15.769 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	40896		
182	94.8		48.2	144.6
145	31.1		17.1	51.2

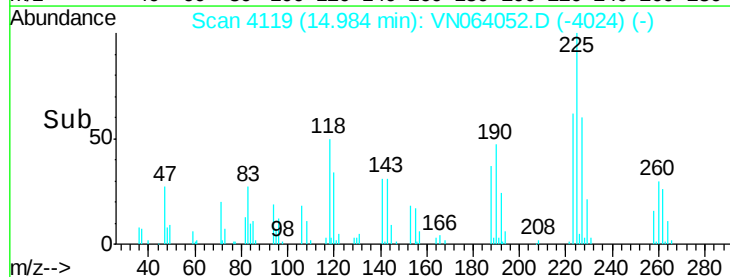
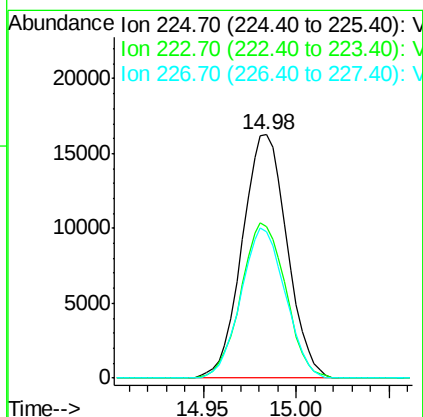
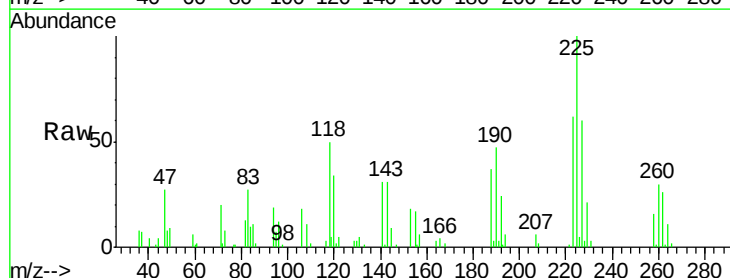
Manual Integrations
 APPROVED

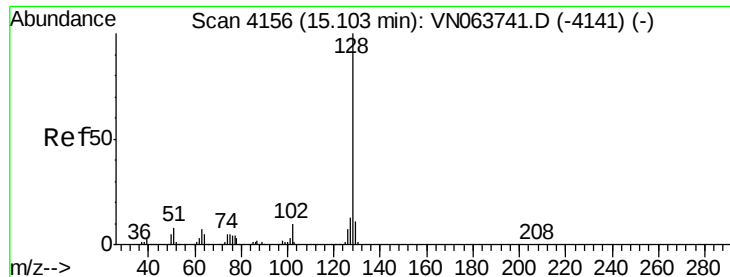
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#94
 Hexachlorobutadiene
 Concen: 19.499 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	27293		
223	63.5		30.3	91.0
227	60.7		31.9	95.5





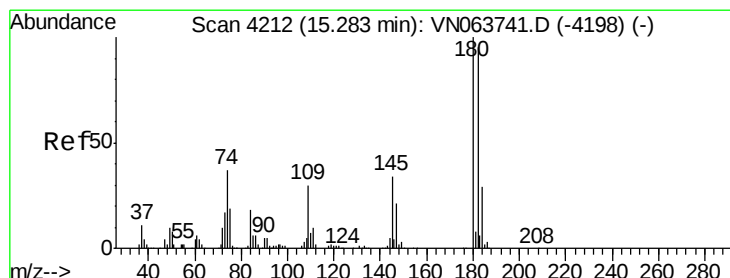
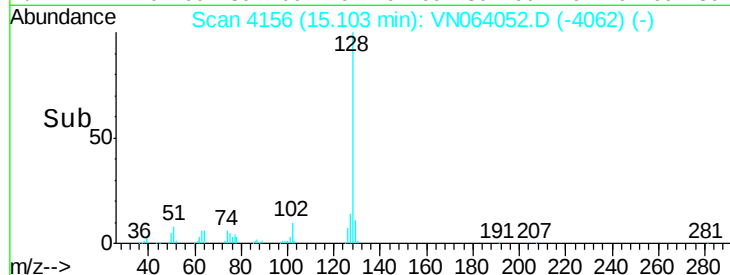
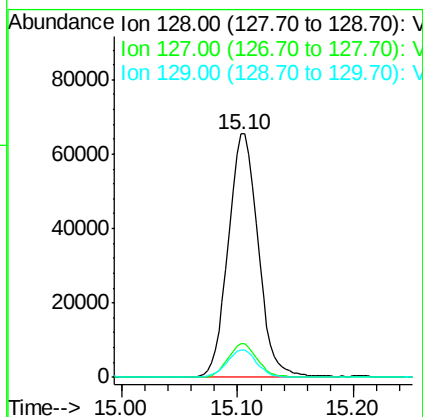
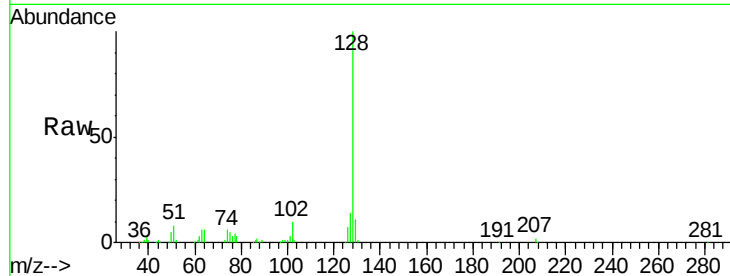
#95
Naphthalene
Concen: 14.859 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.2	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 16.374 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.6
145	33.9	17.2	51.5

