

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063886.D
 Acq On : 5 Oct 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:57:10 PM

Quant Time: Oct 06 03:59:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	217941	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	7.55	113	153402	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.06	98	556835	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.38	95	212053	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	135351	45.915	ug/l	100
3) Chloromethane	2.04	50	154038	44.534	ug/l	99
4) Vinyl Chloride	2.17	62	157211	45.279	ug/l	98
5) Bromomethane	2.53	94	96944	44.390	ug/l	100
6) Chloroethane	2.67	64	102271	49.294	ug/l	99
7) Trichlorofluoromethane	2.98	101	264084	47.958	ug/l	99
8) Diethyl Ether	3.38	74	89066	47.826	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	139629	47.441	ug/l	100
10) Methyl Iodide	3.91	142	183726	53.762	ug/l	98
11) Tert butyl alcohol	4.73	59	122818	241.028	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	133571	47.479	ug/l	99
13) Acrolein	3.57	56	129399	413.760	ug/l	98
14) Allyl chloride	4.28	41	256298	49.039	ug/l	98
15) Acrylonitrile	4.93	53	369784	253.523	ug/l	99
16) Acetone	3.77	43	344657	242.583	ug/l	95
17) Carbon Disulfide	4.01	76	350656	46.171	ug/l	99
18) Methyl Acetate	4.28	43	192779	52.259	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	507534	49.657	ug/l	98
20) Methylene Chloride	4.51	84	162959	50.075	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	151004	47.921	ug/l	99
22) Diisopropyl ether	5.90	45	562965	52.354	ug/l	98
23) Vinyl Acetate	5.85	43	2304654	258.734	ug/l	100
24) 1,1-Dichloroethane	5.80	63	300158	48.819	ug/l	99
25) 2-Butanone	6.78	43	520276	258.289	ug/l	98
26) 2,2-Dichloropropane	6.78	77	229171	40.702	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	175053	48.303	ug/l	99
28) Bromochloromethane	7.15	49	161753	53.229	ug/l	97
29) Tetrahydrofuran	7.17	42	352279	260.756	ug/l	97
30) Chloroform	7.33	83	324661	50.644	ug/l	94
31) Cyclohexane	7.61	56	238386	44.489	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	293264	50.717	ug/l	100
36) 1,1-Dichloropropene	7.76	75	226724	48.168	ug/l	99
37) Ethyl Acetate	6.88	43	228125	48.782	ug/l	99
38) Carbon Tetrachloride	7.74	117	255390	48.387	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	211281	45.012	ug/l	98
40) Benzene	8.00	78	655979	48.793	ug/l	98
41) Methacrylonitrile	7.13	41	108751m	52.325	ug/l	
42) 1,2-Dichloroethane	8.09	62	281240	49.006	ug/l	100
43) Isopropyl Acetate	8.13	43	390631	50.643	ug/l	100
44) Trichloroethene	8.80	130	168447	47.820	ug/l	96
45) 1,2-Dichloropropane	9.08	63	178387	49.131	ug/l	98
46) Dibromomethane	9.17	93	123172	49.176	ug/l	100
47) Bromodichloromethane	9.37	83	263402	51.026	ug/l	99
48) Methyl methacrylate	9.17	41	198363	52.051	ug/l	95
49) 1,4-Dioxane	9.17	88	53441	986.686	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1204790	266.156	ug/l	100
52) Toluene	10.13	92	417122	50.161	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	278367	50.306	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	288869	49.917	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	171066	51.296	ug/l	99
56) Ethyl methacrylate	10.40	69	250768	53.050	ug/l	97
57) 1,3-Dichloropropane	10.68	76	287593	50.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	644235	254.785	ug/l	100
59) 2-Hexanone	10.72	43	874641	260.103	ug/l	98
60) Dibromochloromethane	10.87	129	197333	50.810	ug/l	99
61) 1,2-Dibromoethane	10.98	107	173361	50.819	ug/l	98
64) Tetrachloroethene	10.60	164	159440	46.607	ug/l	98
65) Chlorobenzene	11.41	112	441053	48.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	174602	50.212	ug/l	98
67) Ethyl Benzene	11.49	91	819821	49.672	ug/l	100
68) m/p-Xylenes	11.60	106	605568	98.447	ug/l	98
69) o-Xylene	11.92	106	288101	50.110	ug/l	100
70) Styrene	11.94	104	511675	52.429	ug/l	99
71) Bromoform	12.10	173	132998	50.009	ug/l #	98
73) Isopropylbenzene	12.23	105	775555	48.976	ug/l	99
74) N-amyl acetate	12.05	43	357505	48.637	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	241642	49.902	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	229330m	47.919	ug/l	
77) Bromobenzene	12.50	156	196877	50.668	ug/l	98
78) n-propylbenzene	12.57	91	894828	48.555	ug/l	100
79) 2-Chlorotoluene	12.65	91	558199	49.249	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	661880	49.822	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	77076	46.385	ug/l	95
82) 4-Chlorotoluene	12.75	91	582818	49.533	ug/l	99
83) tert-Butylbenzene	12.97	119	527285	48.522	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	669473	50.473	ug/l	99
85) sec-Butylbenzene	13.15	105	685501	48.028	ug/l	100
86) p-Isopropyltoluene	13.26	119	621673	49.235	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	343153	48.816	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	347349	47.457	ug/l	99
89) n-Butylbenzene	13.59	91	523210	44.895	ug/l	100
90) Hexachloroethane	13.85	117	119571	48.869	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	343599	49.349	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52898	46.581	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	161302	42.862	ug/l	98
94) Hexachlorobutadiene	14.98	225	87827	46.528	ug/l	98
95) Naphthalene	15.10	128	494306	42.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157934	43.229	ug/l	98

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

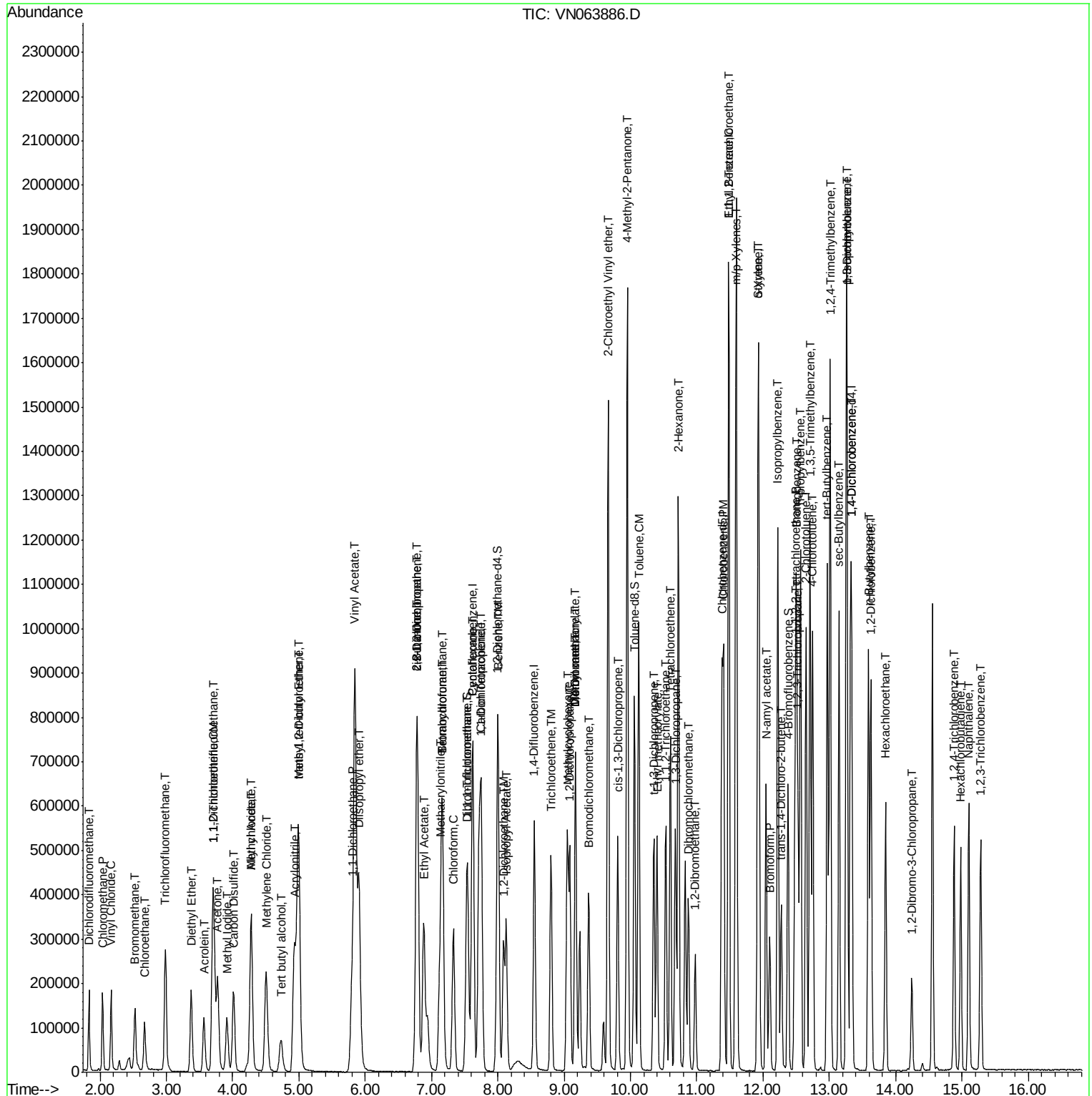
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Data File : VN063886.D
Acq On : 5 Oct 2020 21:20
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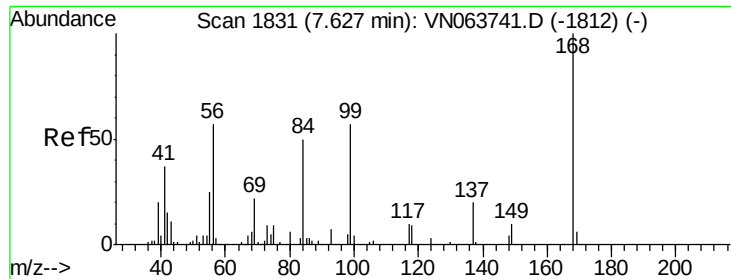
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 279373

Ion Ratio Lower Upper

168 100

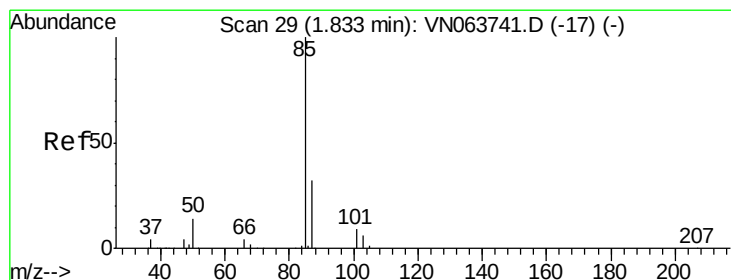
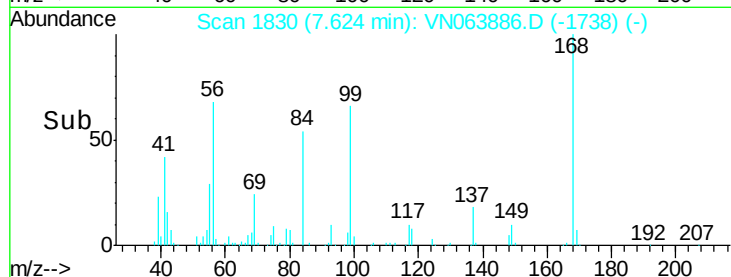
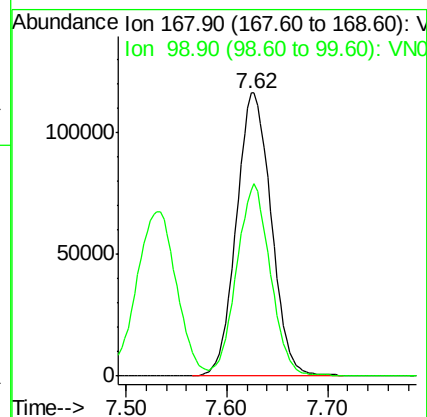
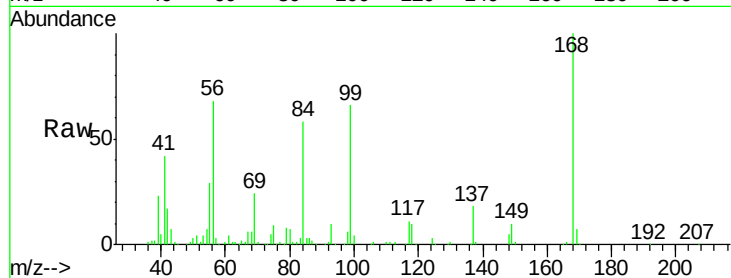
99 65.6 51.8 77.6

Manual Integrations

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10/6/2020 12:57:10 PM



#2

Dichlorodifluoromethane

Concen: 45.915 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063886.D

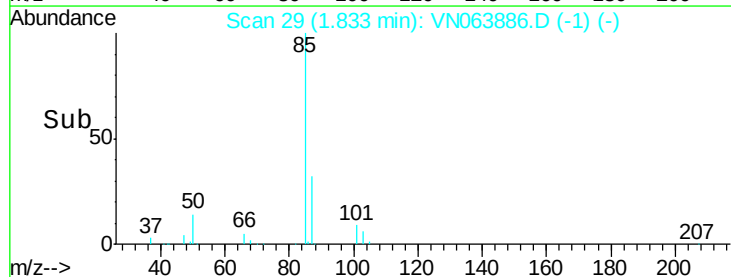
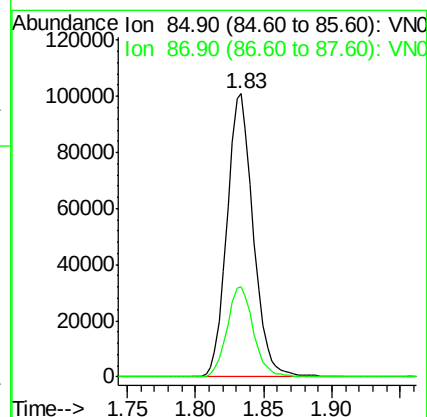
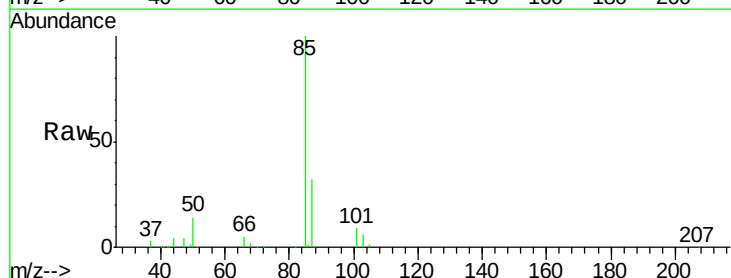
Acq: 5 Oct 2020 21:20

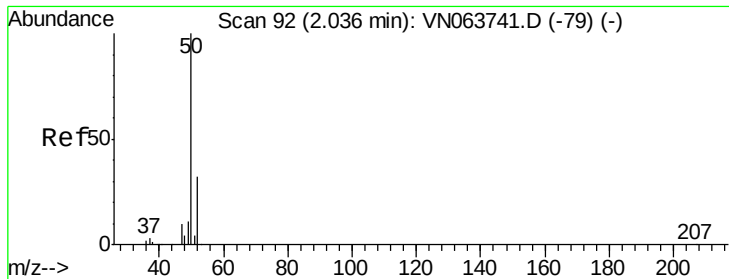
Tgt Ion: 85 Resp: 135351

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0





#3

Chloromethane

Concen: 44.534 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 154038

Ion Ratio Lower Upper

50 100

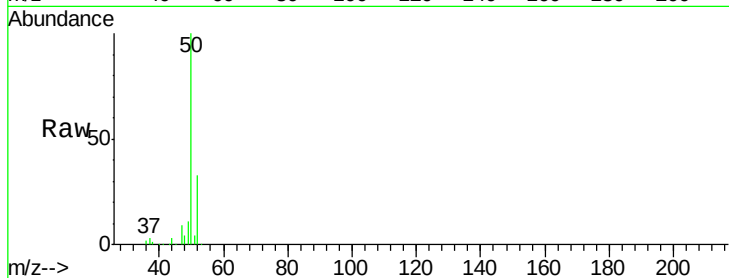
52 32.9 25.8 38.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

120000

100000

80000

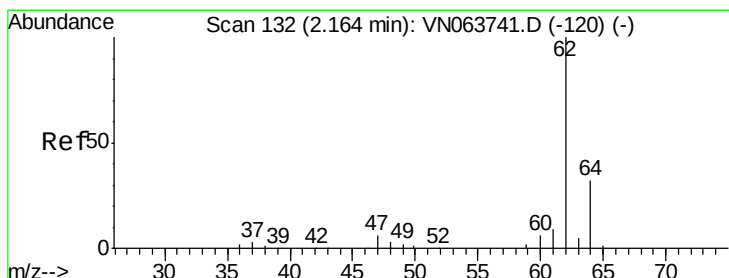
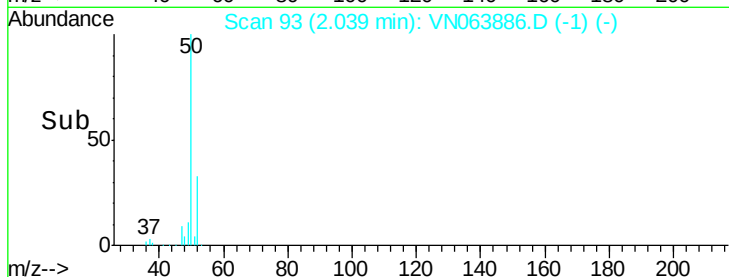
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.279 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063886.D

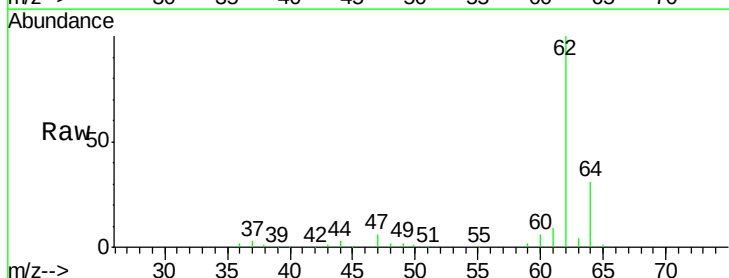
Acq: 5 Oct 2020 21:20

Tgt Ion: 62 Resp: 157211

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

120000

100000

80000

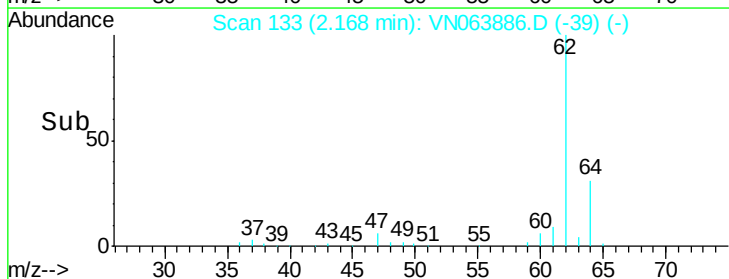
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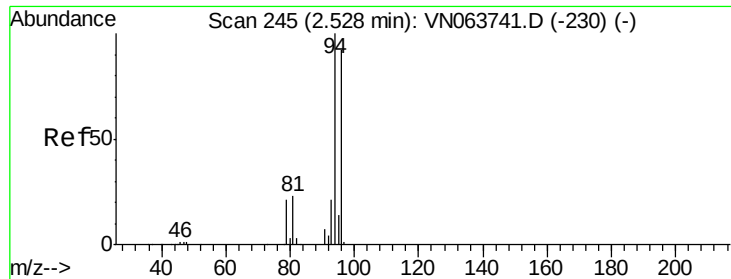
40000

20000

0

Time-->





#5

Bromomethane

Concen: 44.390 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 96944

Ion Ratio Lower Upper

94 100

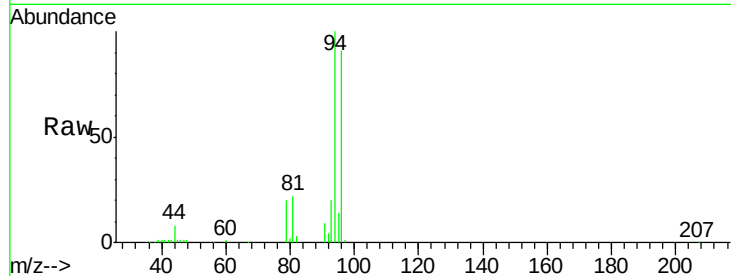
96 91.2 73.3 109.9

Manual Integrations

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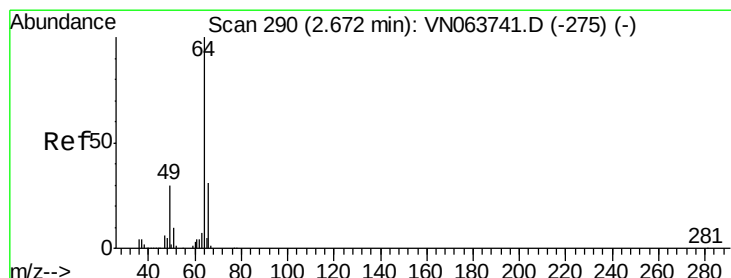
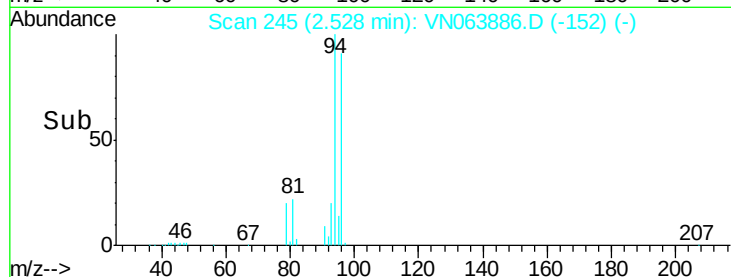
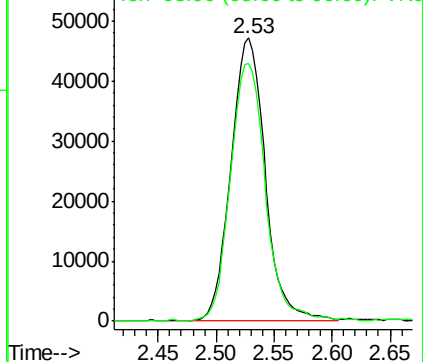
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.294 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063886.D

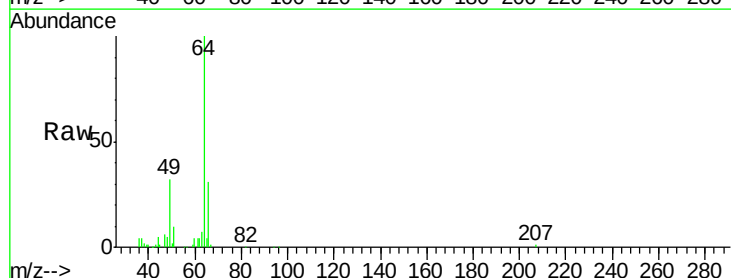
Acq: 5 Oct 2020 21:20

Tgt Ion: 64 Resp: 102271

Ion Ratio Lower Upper

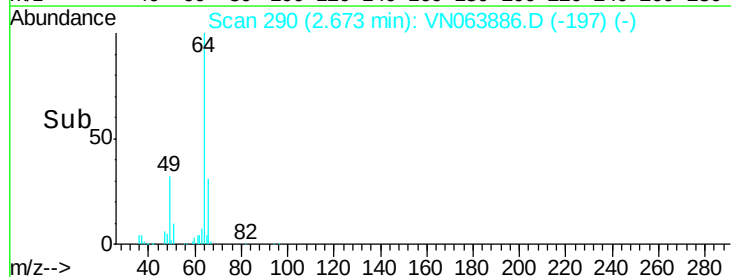
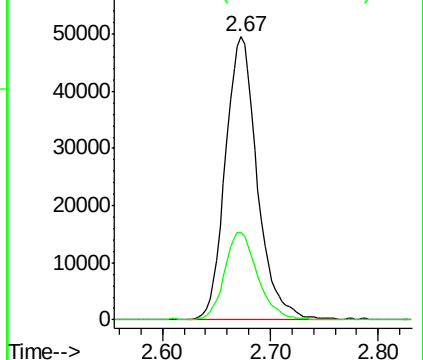
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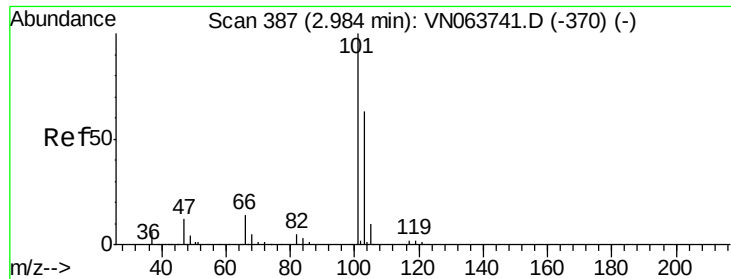
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

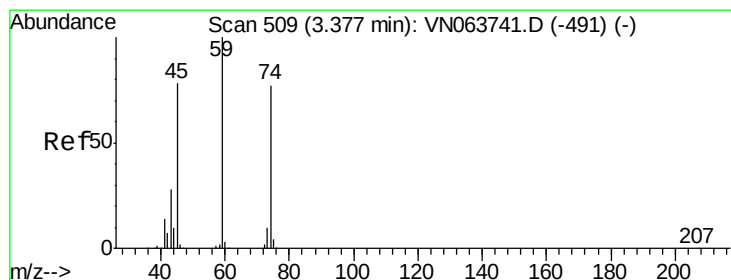
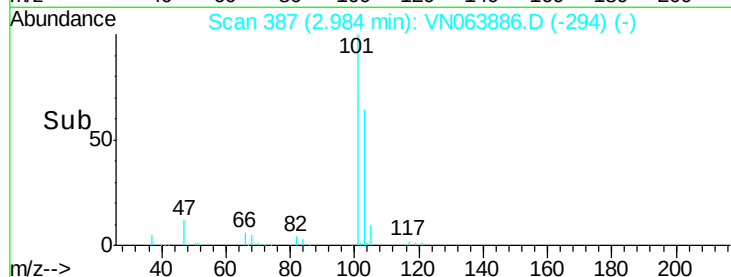
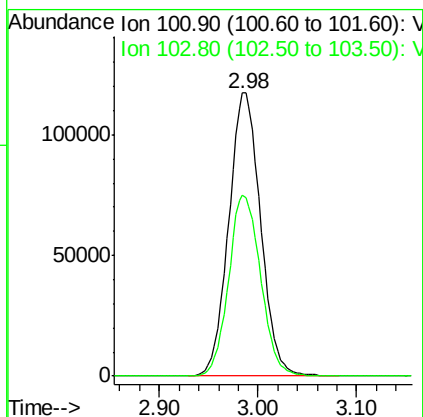
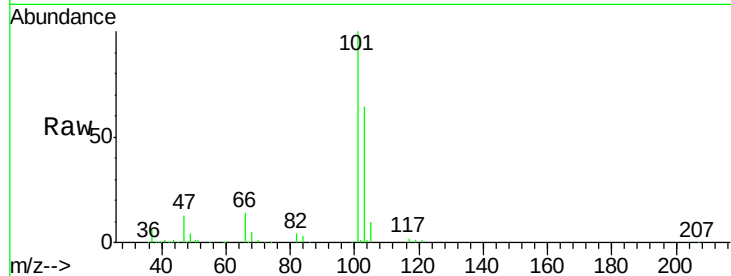
Trichlorofluoromethane
Concen: 47.958 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063886.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.7	76.1

Manual Integrations
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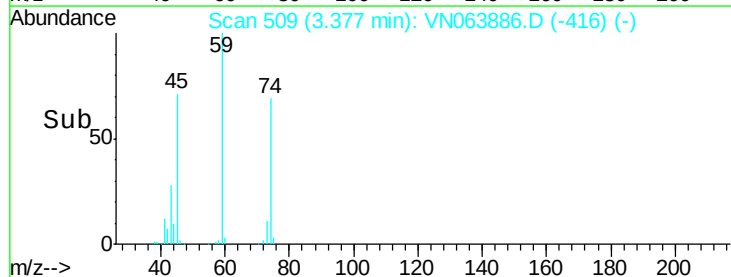
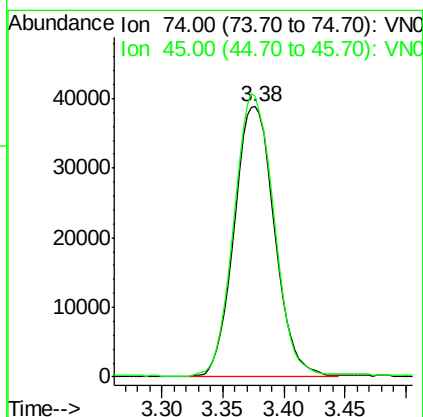
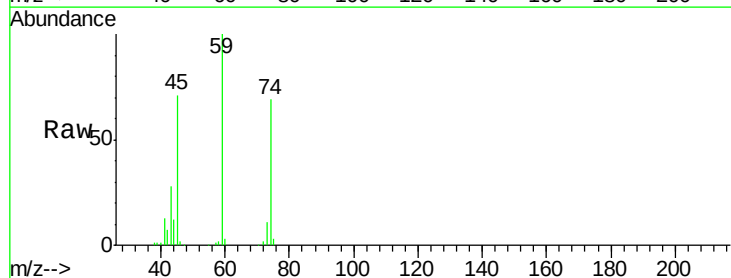
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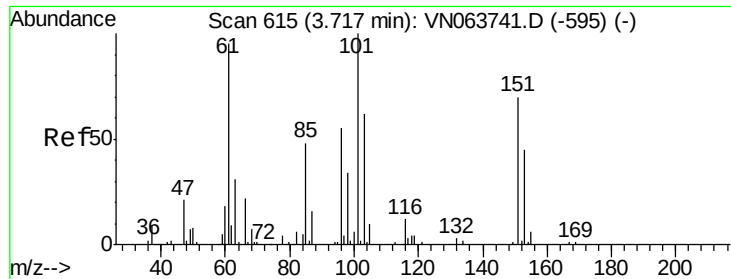


#8

Diethyl Ether
Concen: 47.826 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.441 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063886.D

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MSVOA_N

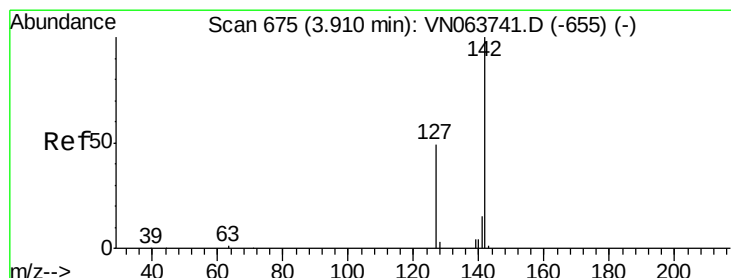
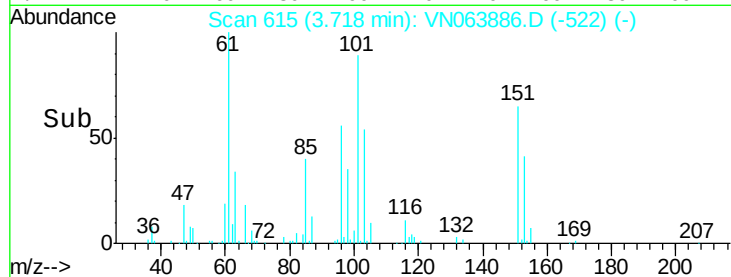
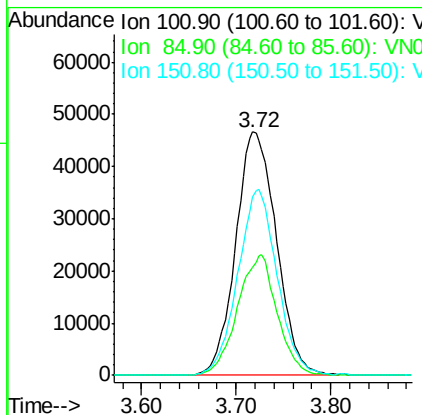
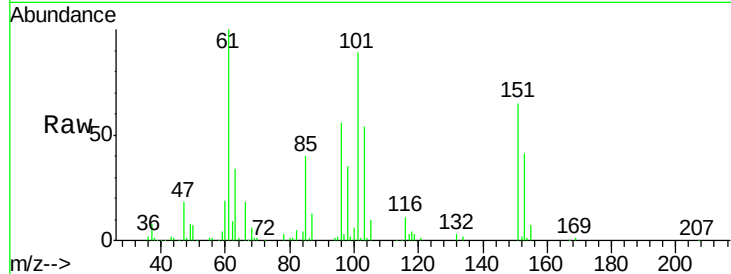
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	139629
Ion Ratio	Lower	Upper	
101	100		
85	48.1	38.6	58.0
151	73.7	58.7	88.1

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#10

Methyl Iodide

Concen: 53.762 ug/l

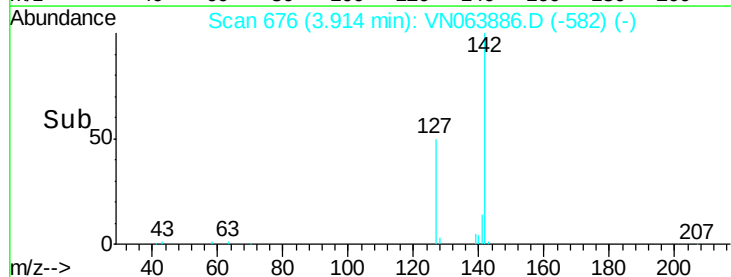
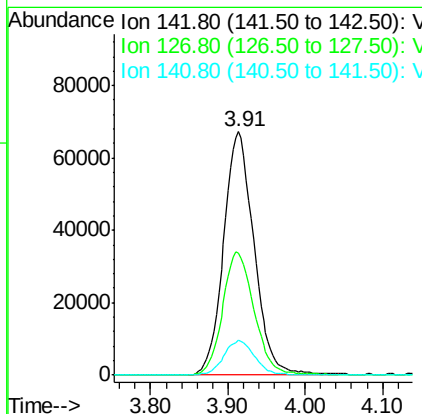
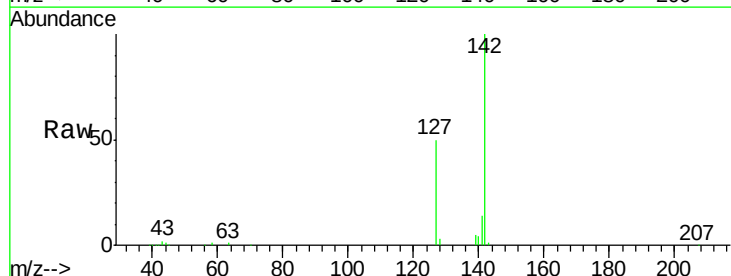
RT: 3.91 min Scan# 676

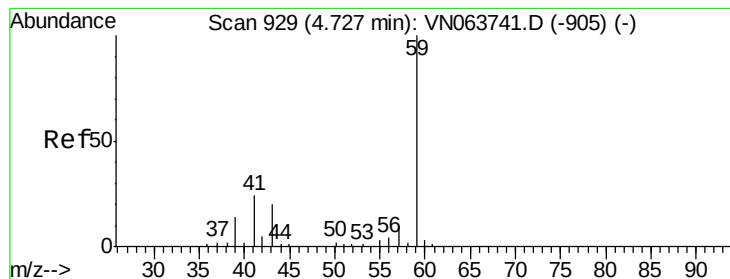
Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Tgt Ion:	142	Resp:	183726
Ion Ratio	Lower	Upper	
142	100		
127	52.3	40.5	60.7
141	14.4	11.7	17.5





#11

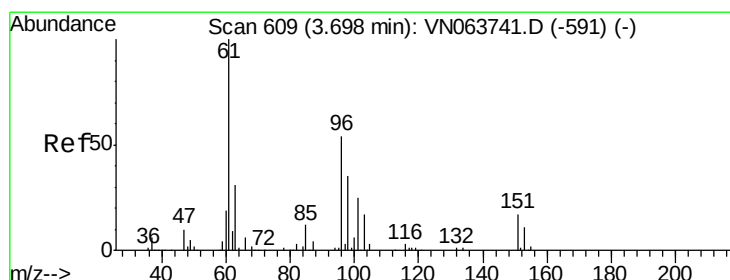
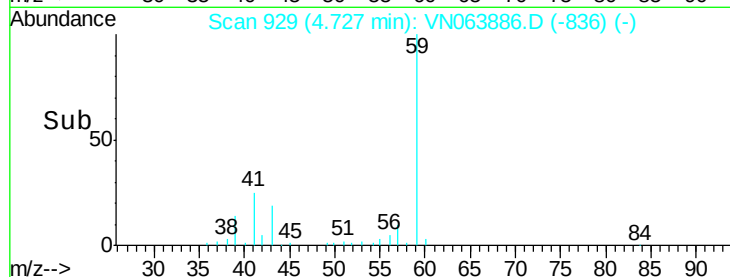
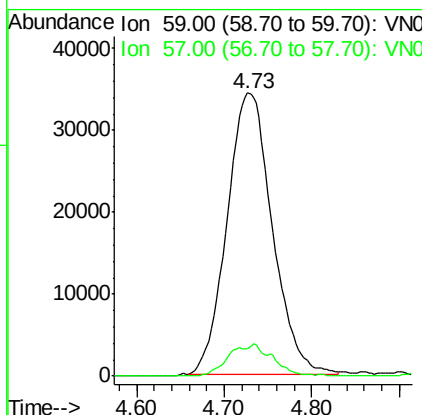
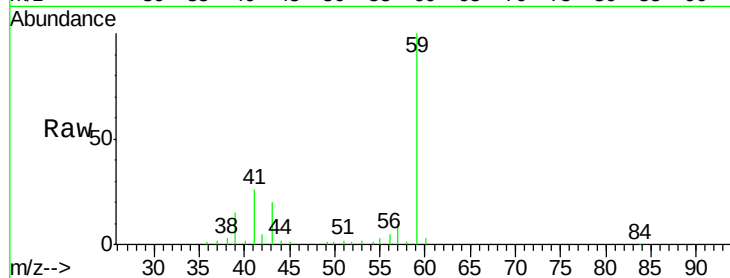
Tert butyl alcohol
Concen: 241.028 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	122818		
57	4.7	8.7	13.1#	

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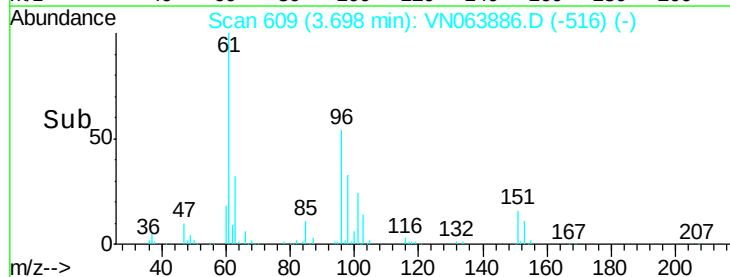
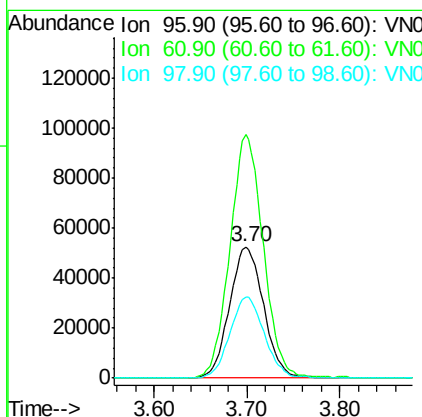
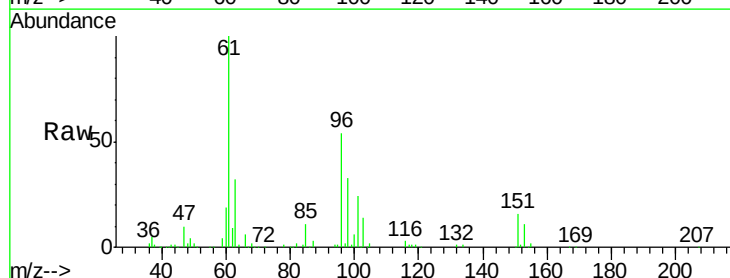
MMDadoda
10/6/2020 12:57:10 PM

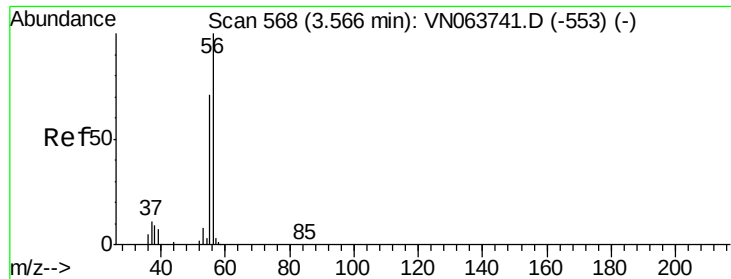


#12

1,1-Dichloroethene
Concen: 47.479 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	133571		
61	185.1	147.7	221.5	
98	61.9	51.9	77.9	





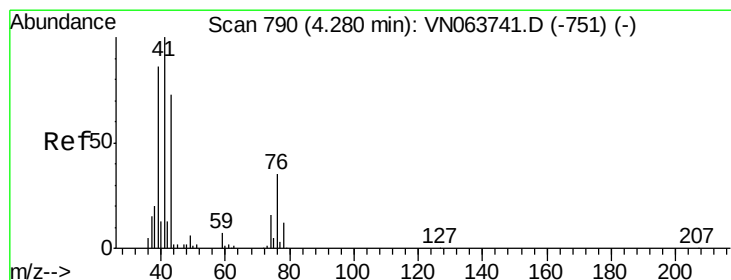
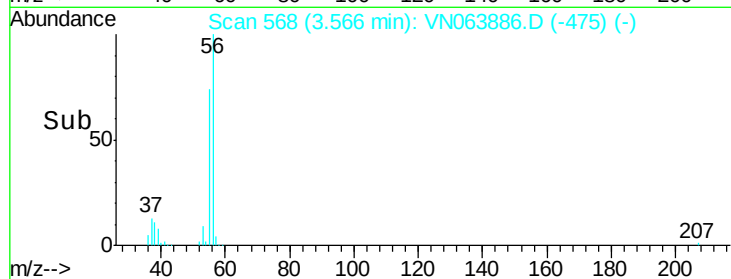
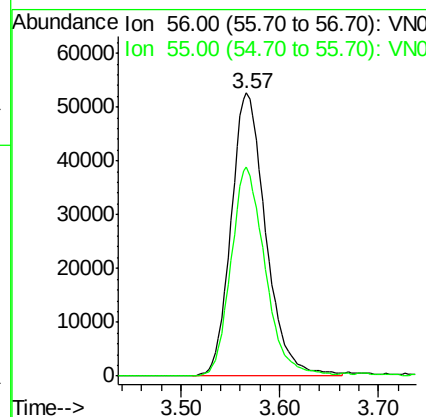
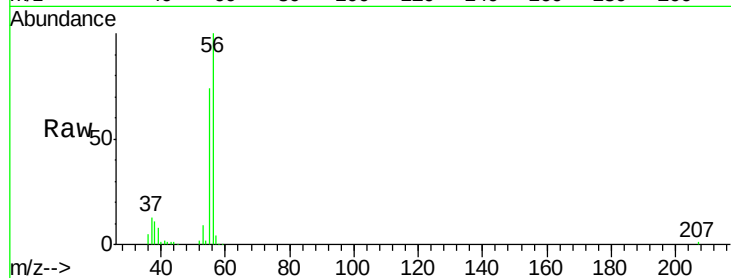
#13
 Acrolein
 Concen: 413.760 ug/l
 RT: 3.57 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	56	Resp	129399
Ion Ratio	Lower	Upper	
56	100		
55	72.5	56.9	85.3

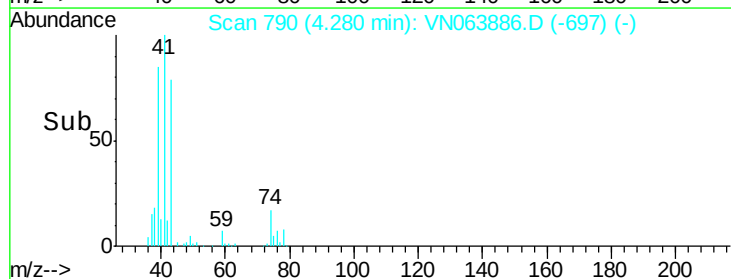
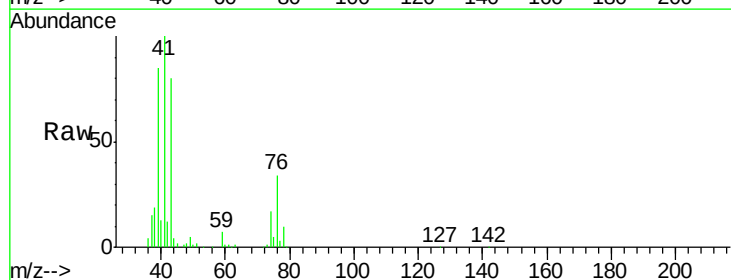
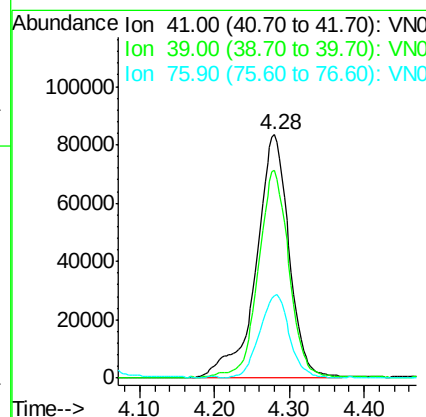
Manual Integrations
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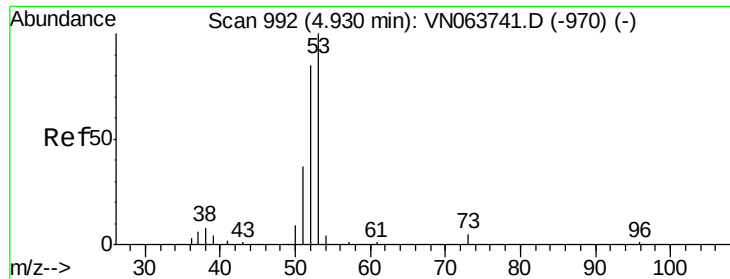
MMDadoda
 10/6/2020 12:57:10 PM



#14
 Allyl chloride
 Concen: 49.039 ug/l
 RT: 4.28 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Tgt Ion	41	Resp	256298
Ion Ratio	Lower	Upper	
41	100		
39	78.8	64.5	96.7
76	30.5	25.9	38.9





#15

Acrylonitrile

Concen: 253.523 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

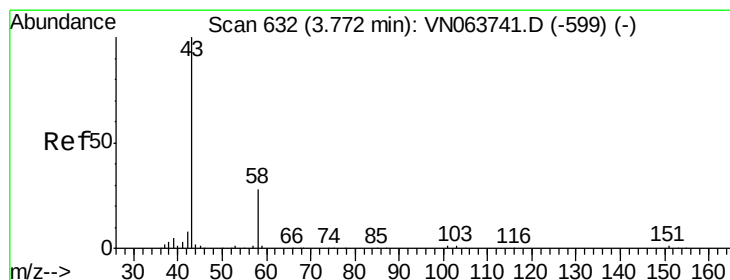
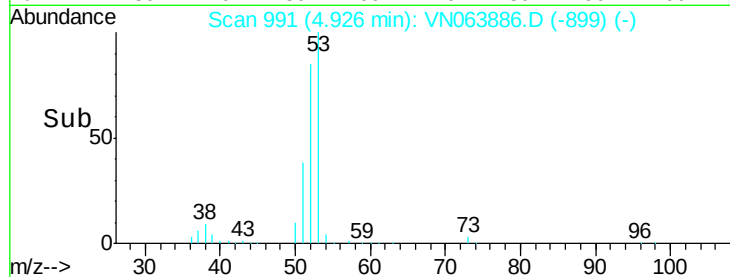
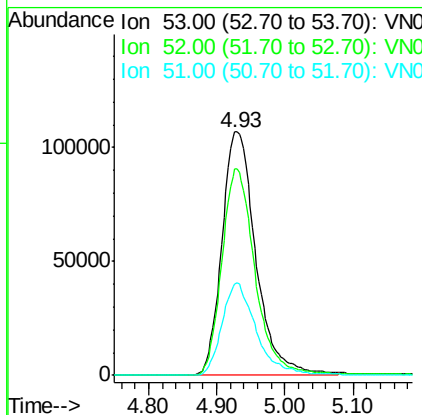
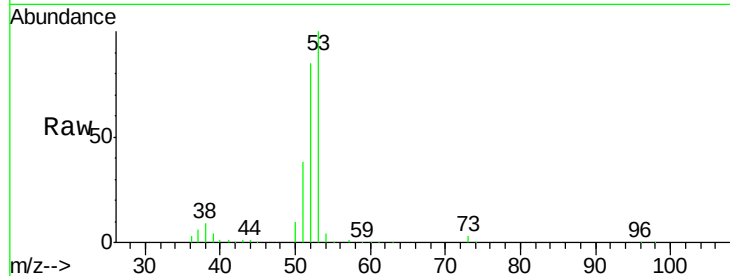
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	369784
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.5	99.7
51	38.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 242.583 ug/l

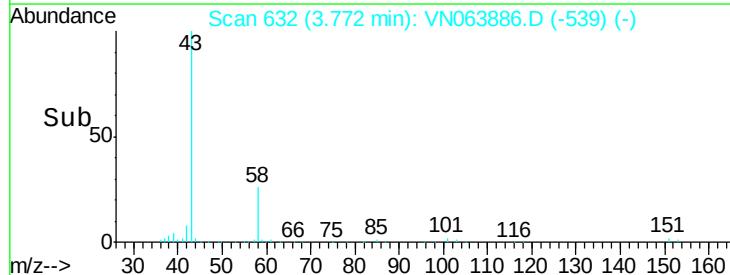
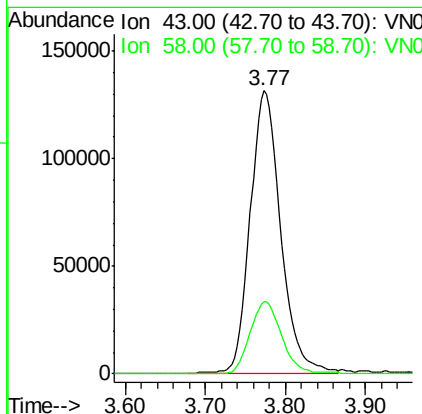
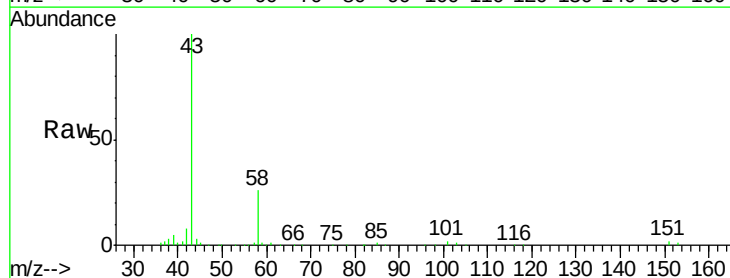
RT: 3.77 min Scan# 632

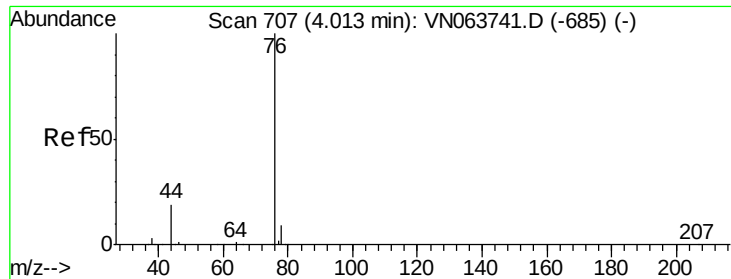
Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Tgt Ion:	43	Resp:	344657
Ion	Ratio	Lower	Upper
43	100		
58	25.5	22.3	33.5





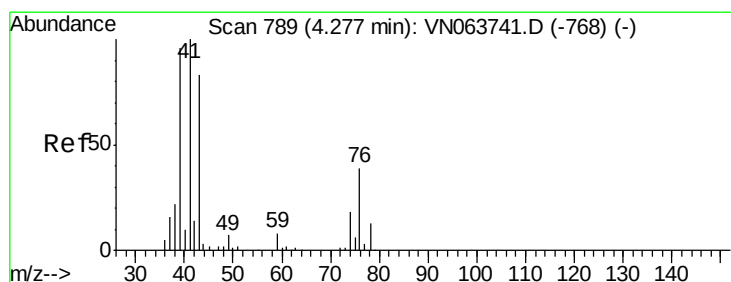
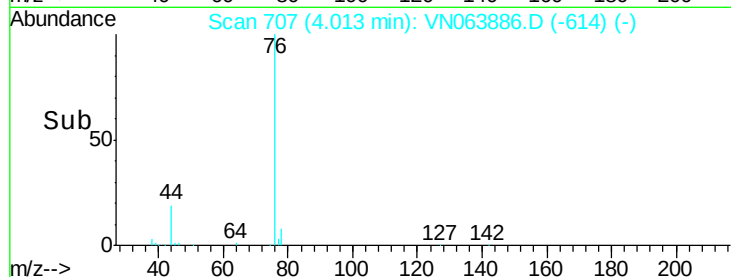
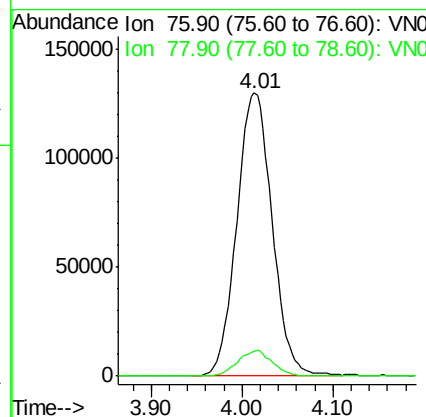
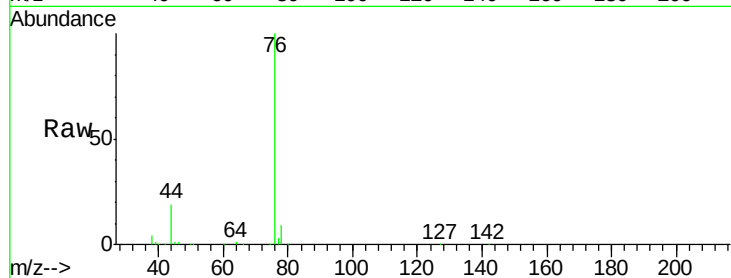
#17
Carbon Disulfide
Concen: 46.171 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.4

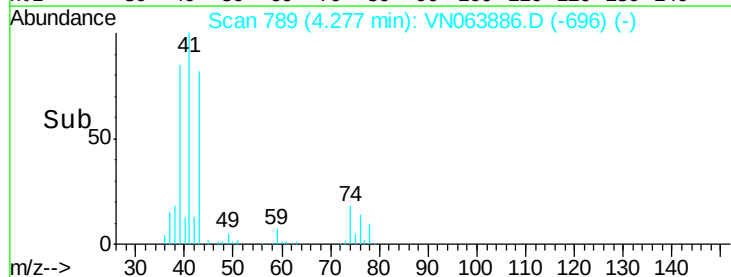
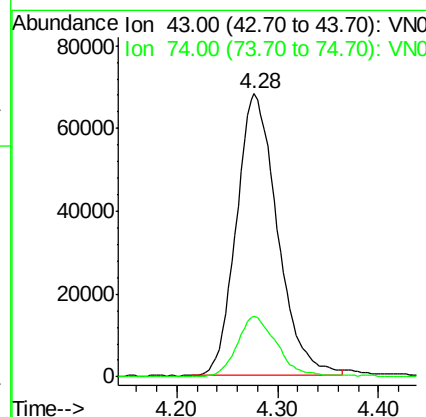
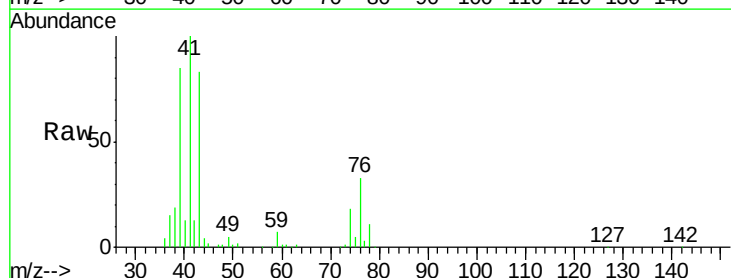
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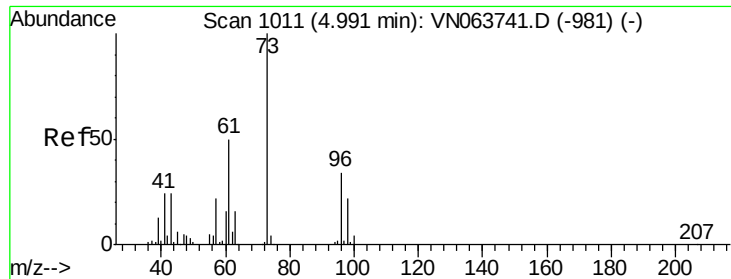
MMDadoda
10/6/2020 12:57:10 PM



#18
Methyl Acetate
Concen: 52.259 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.4	26.2





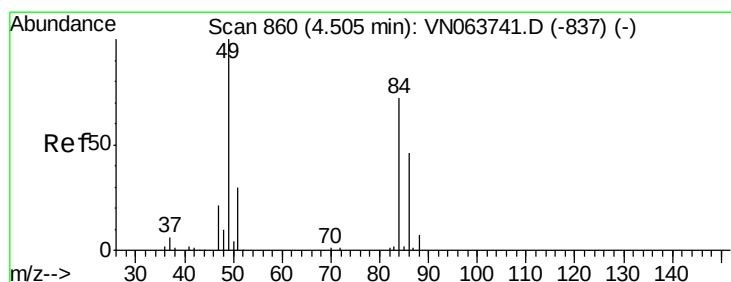
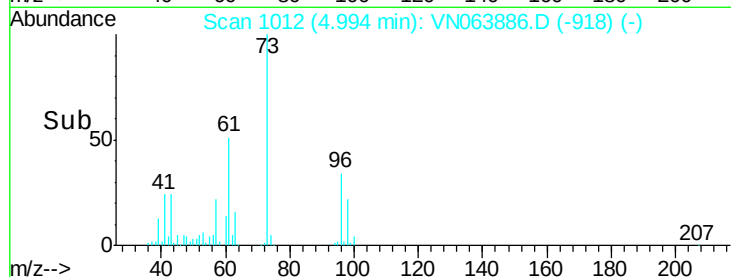
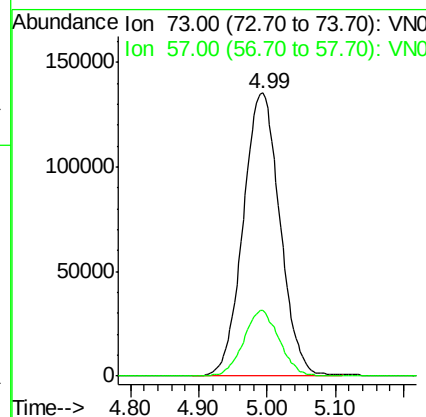
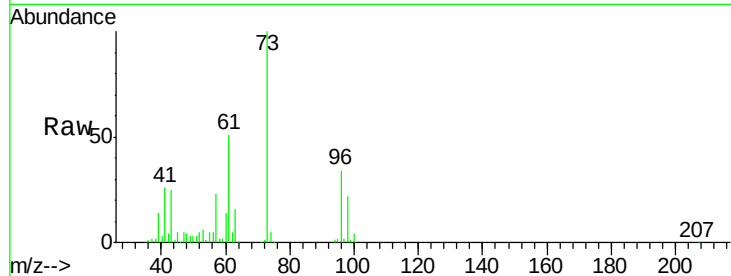
#19
Methvl tert-butyl Ether
Concen: 49.657 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 507534
Ion Ratio Lower Upper
73 100
57 23.2 17.6 26.4

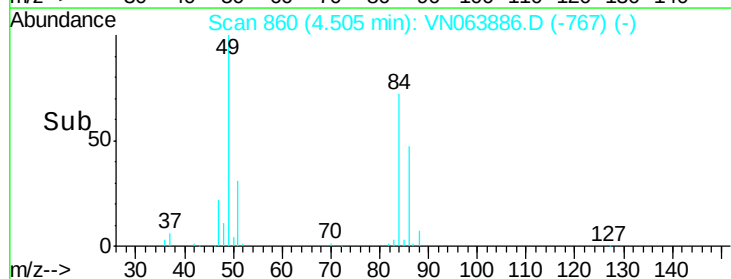
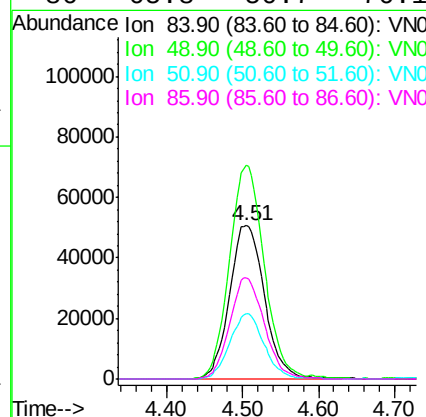
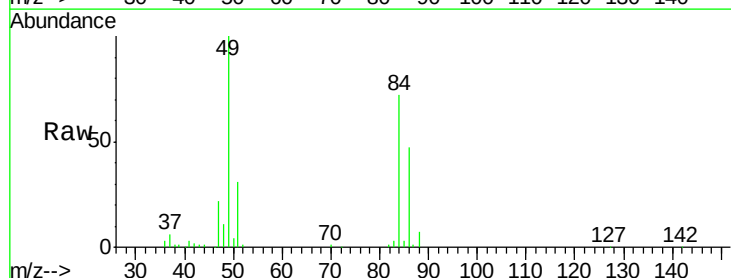
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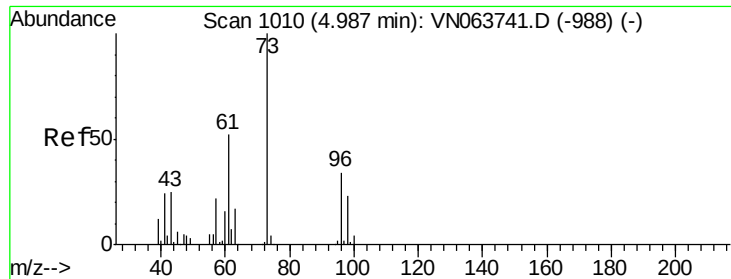
MMDadoda
10/6/2020 12:57:10 PM



#20
Methylene Chloride
Concen: 50.075 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion: 84 Resp: 162959
Ion Ratio Lower Upper
84 100
49 138.8 110.4 165.6
51 42.8 33.3 49.9
86 65.8 50.7 76.1





#21

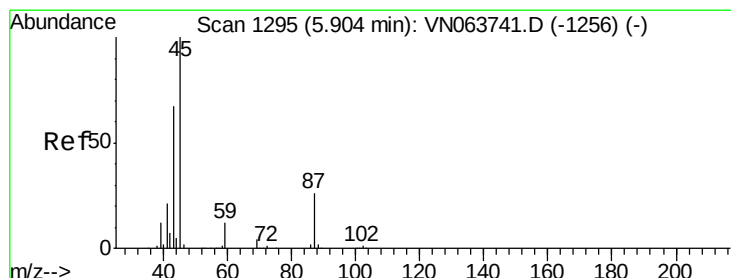
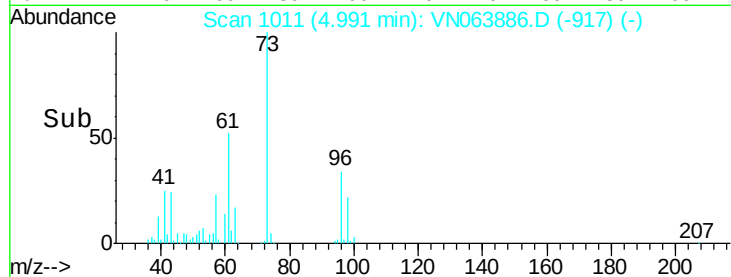
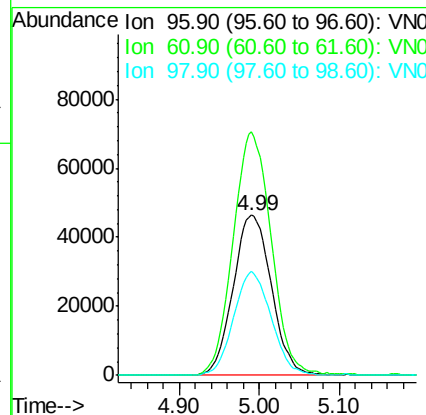
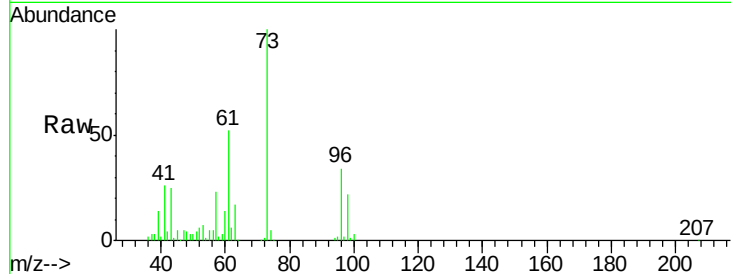
trans-1,2-Dichloroethene
Concen: 47.921 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.1	120.2	180.2
98	64.8	52.6	79.0

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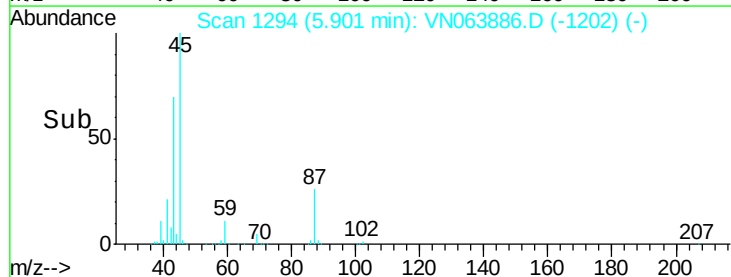
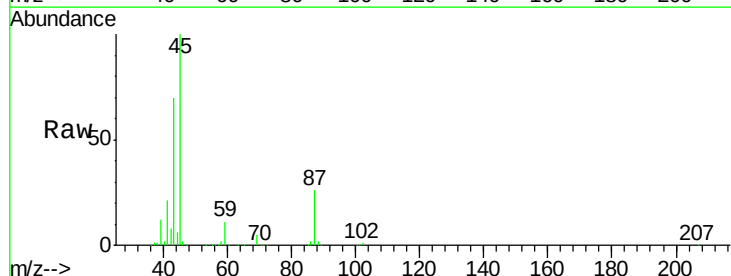
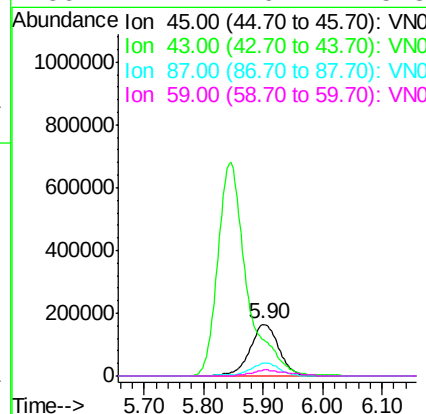
MMDadoda
10/6/2020 12:57:10 PM

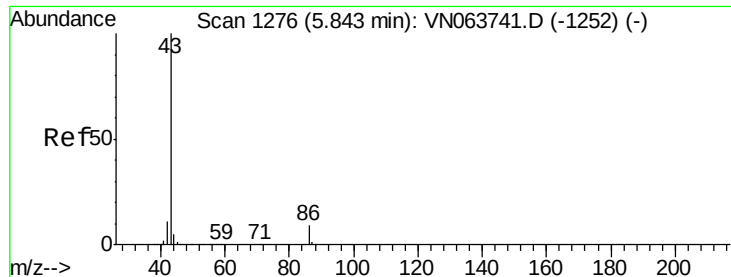


#22

Diisopropyl ether
Concen: 52.354 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.1	53.7	80.5
87	25.8	21.1	31.7
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 258.734 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2304654

Ion Ratio Lower Upper

43 100

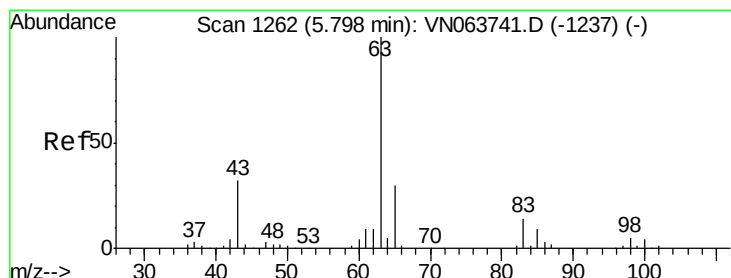
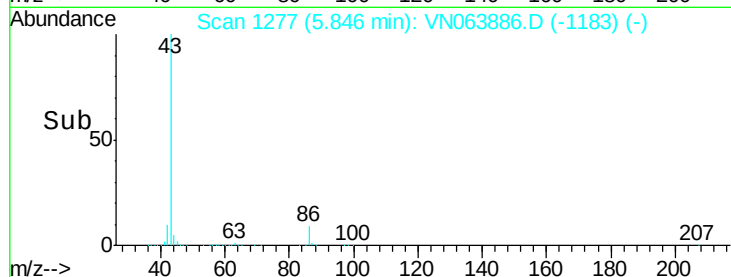
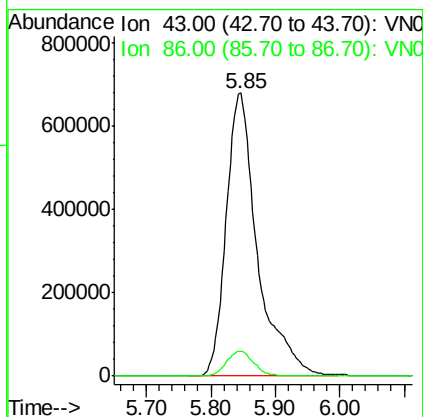
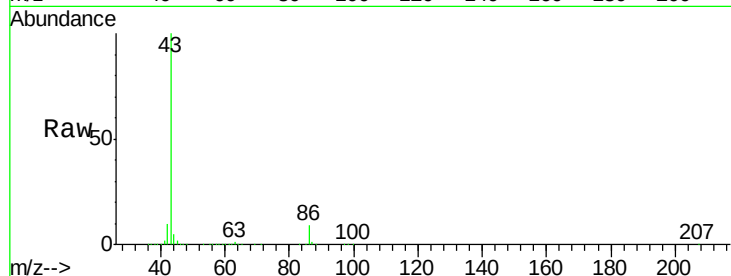
86 9.0 7.3 10.9

Manual Integrations

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MMDadoda

10/6/2020 12:57:10 PM



#24

1,1-Dichloroethane

Concen: 48.819 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

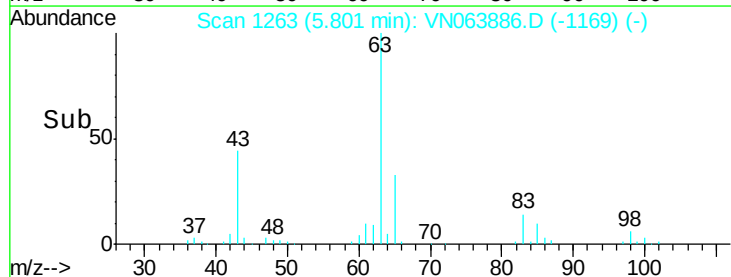
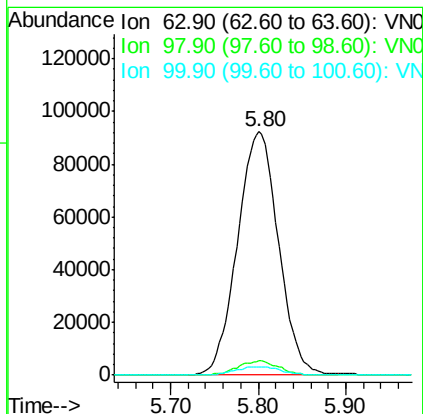
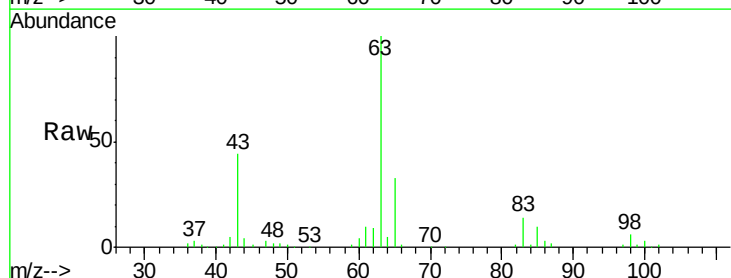
Tgt Ion: 63 Resp: 300158

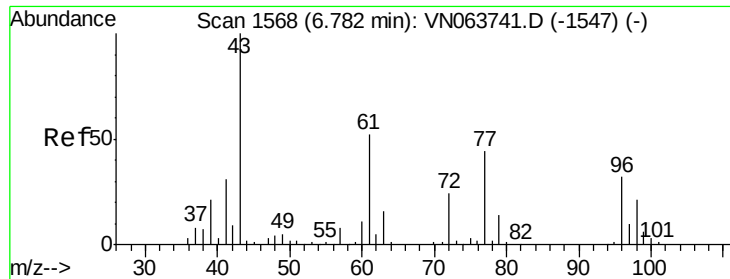
Ion Ratio Lower Upper

63 100

98 5.8 2.7 8.1

100 3.4 1.9 5.7





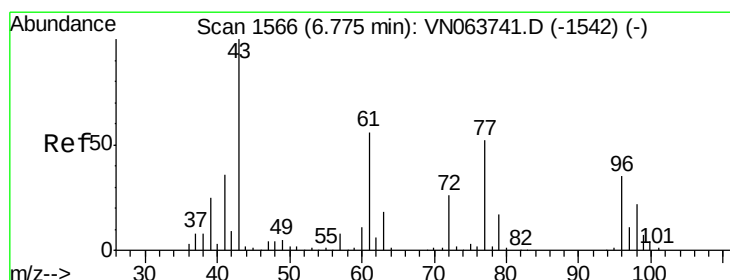
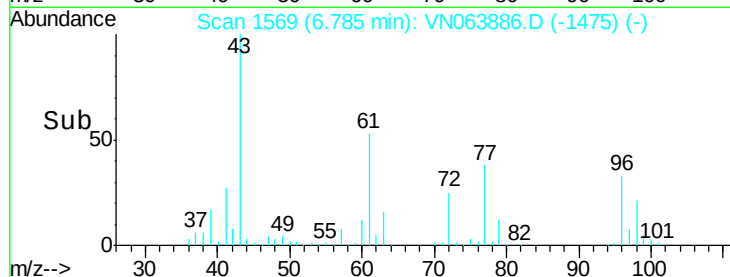
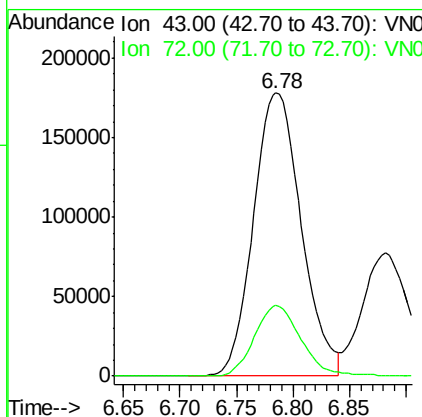
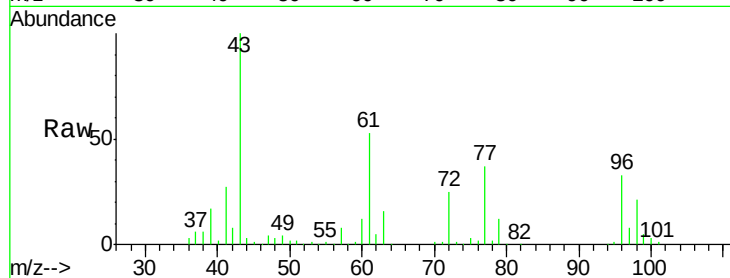
#25
2-Butanone
Concen: 258.289 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 520276
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9

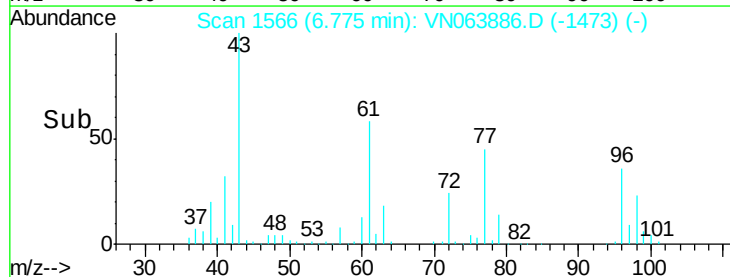
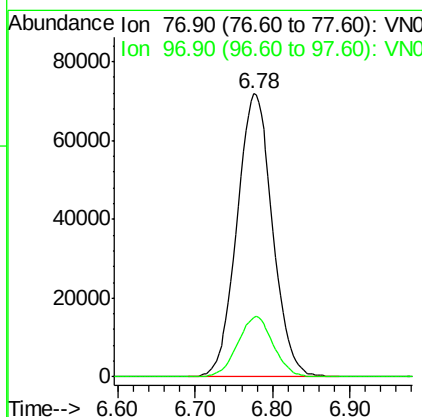
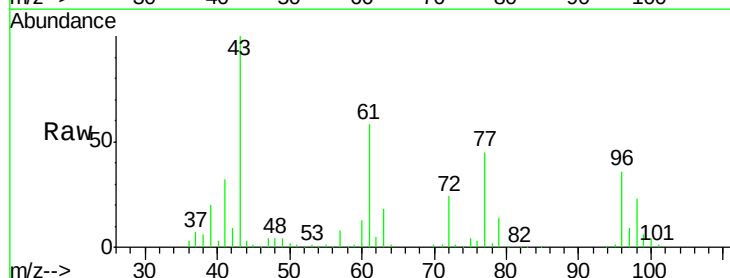
Manual Integrations
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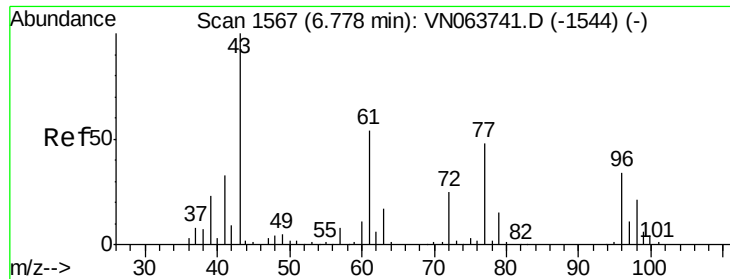
MMDadoda
10/6/2020 12:57:10 PM



#26
2,2-Dichloropropane
Concen: 40.702 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion: 77 Resp: 229171
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.303 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

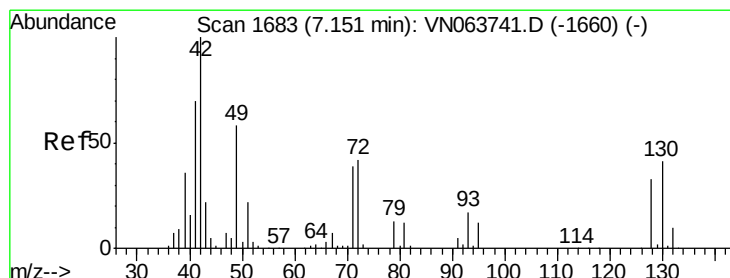
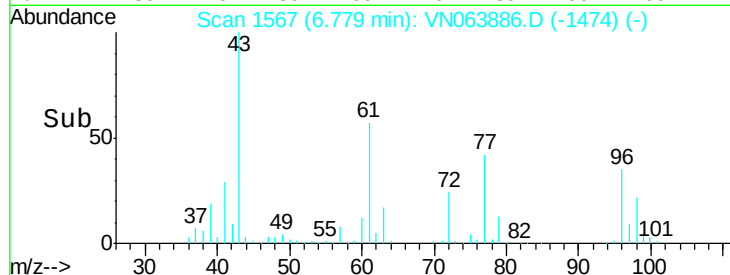
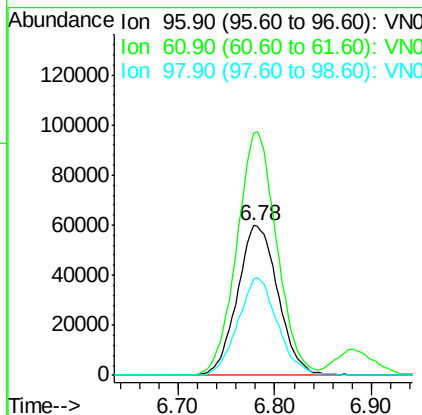
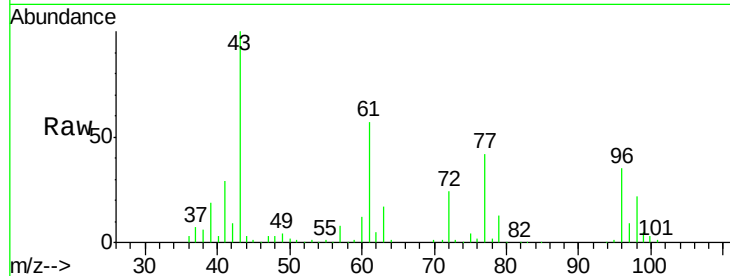
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	175053
Ion Ratio	Lower	Upper	
96	100		
61	159.1	0.0	321.2
98	63.3	0.0	124.4

Manual Integrations
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MMDadoda
10/6/2020 12:57:10 PM



#28

Bromochloromethane

Concen: 53.229 ug/l

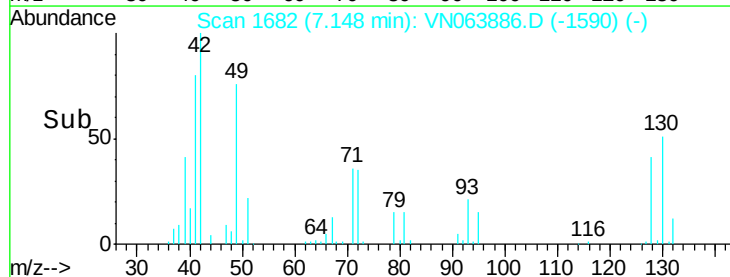
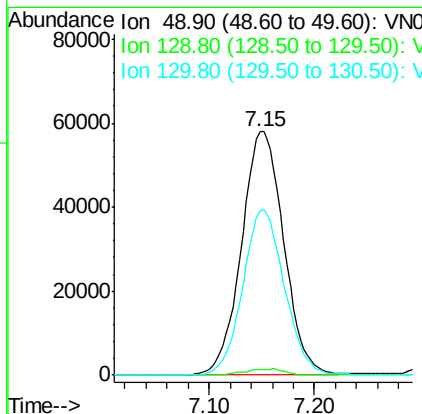
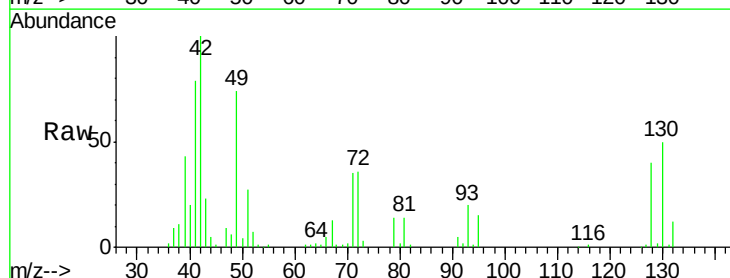
RT: 7.15 min Scan# 1682

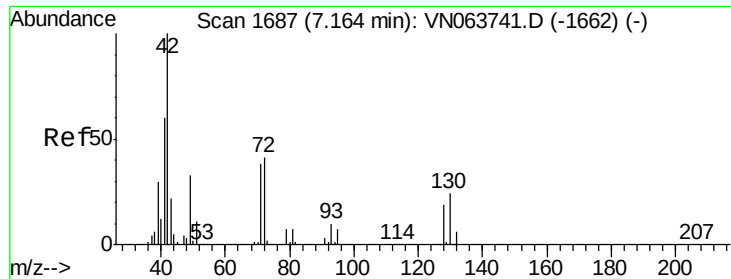
Delta R.T. -0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Tgt Ion:	49	Resp:	161753
Ion Ratio	Lower	Upper	
49	100		
129	1.3	0.0	4.8
130	66.6	55.6	83.4





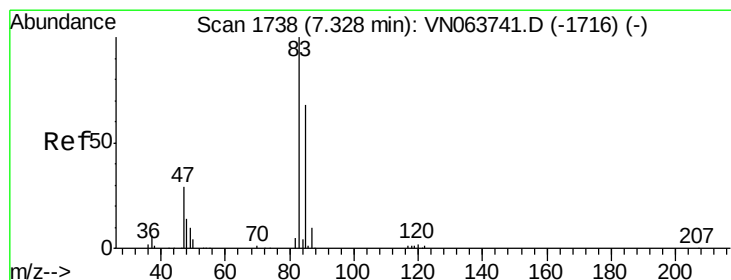
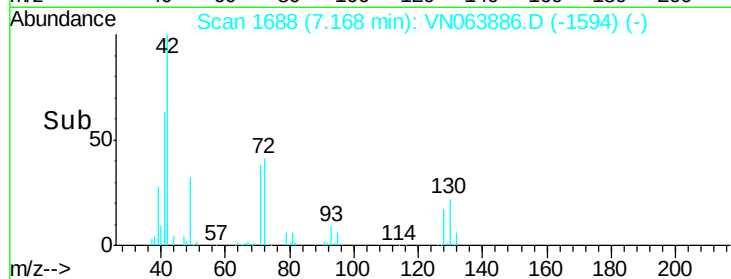
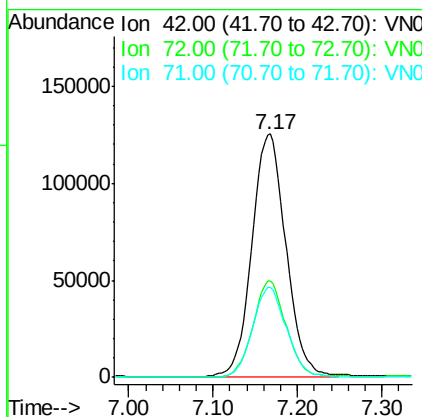
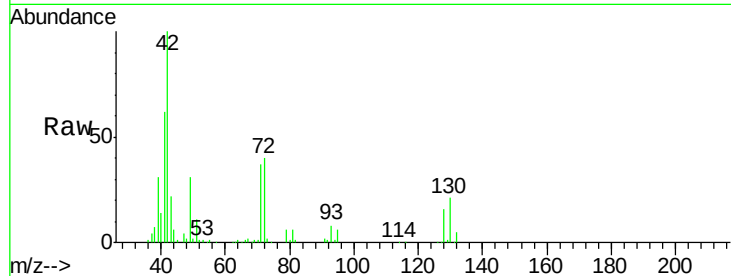
#29
Tetrahydrofuran
Concen: 260.756 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	32.8	49.2
71	36.9	30.6	45.8

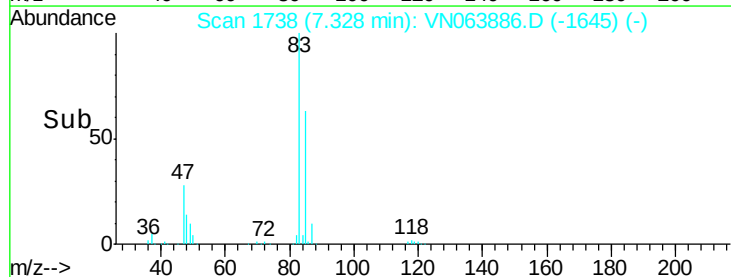
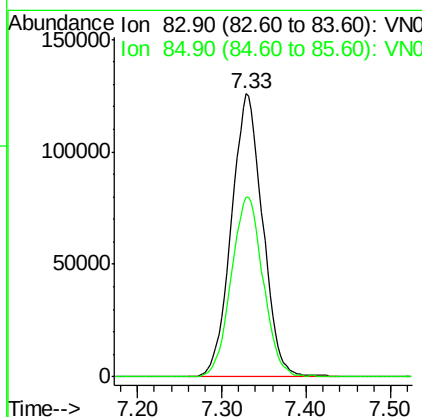
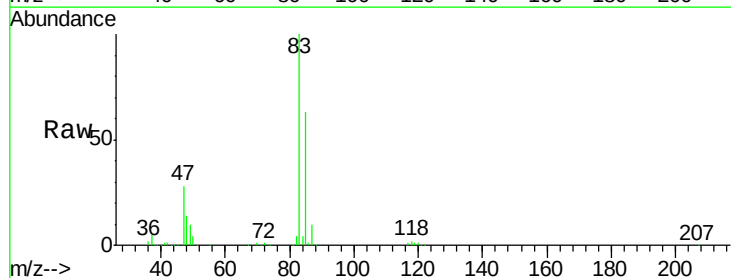
Manual Integrations
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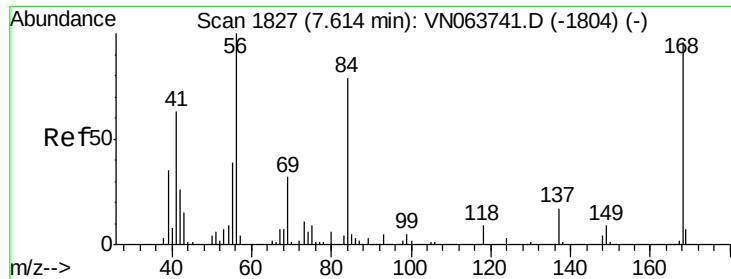
MMDadoda
10/6/2020 12:57:10 PM



#30
Chloroform
Concen: 50.644 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	54.6	82.0





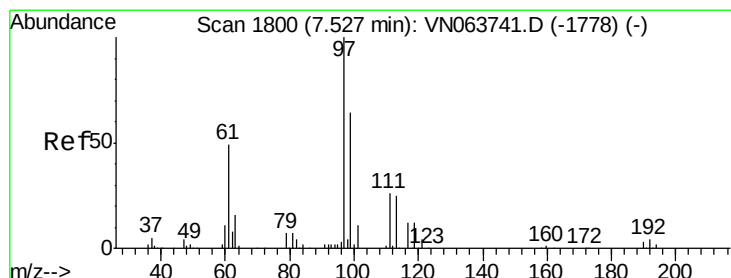
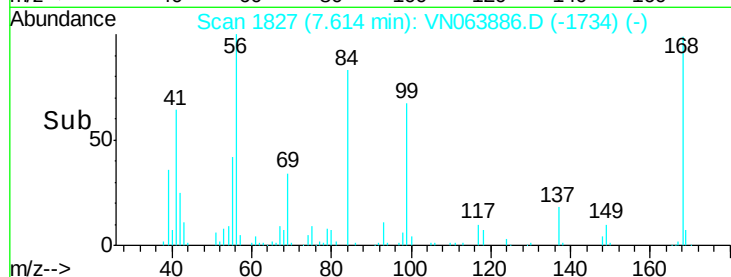
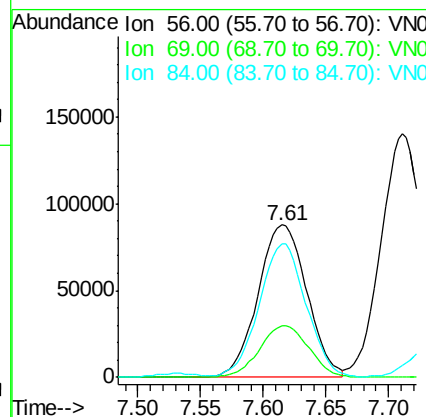
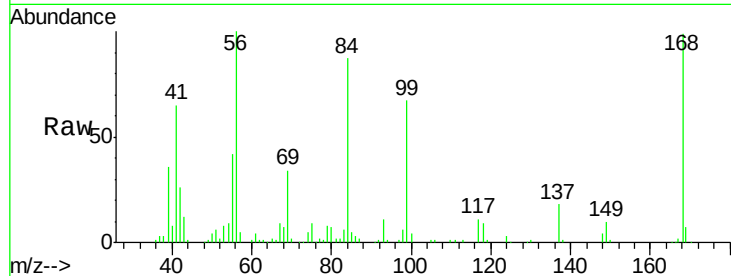
#31
Cyclohexane
Concen: 44.489 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
56	100	238386		
69	33.9		25.4	38.2
84	85.2		63.3	94.9

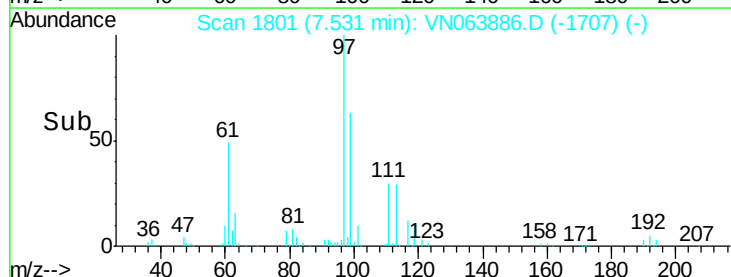
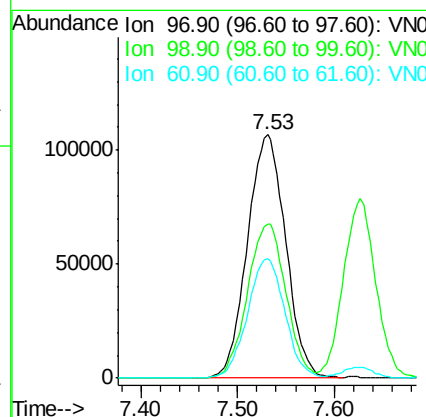
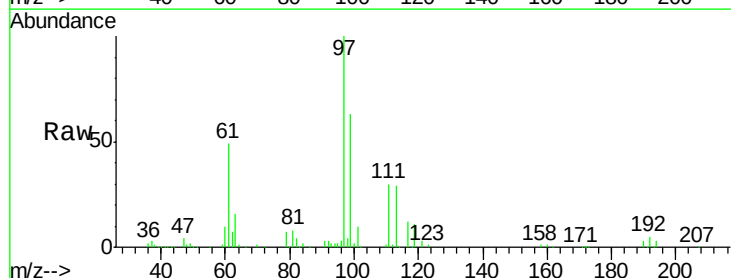
Manual Integrations
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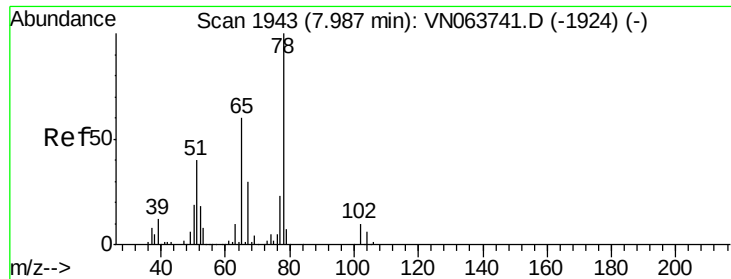
MMDadoda
10/6/2020 12:57:10 PM



#32
1,1,1-Trichloroethane
Concen: 50.717 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	293264		
99	63.8		51.0	76.6
61	48.0		38.7	58.1





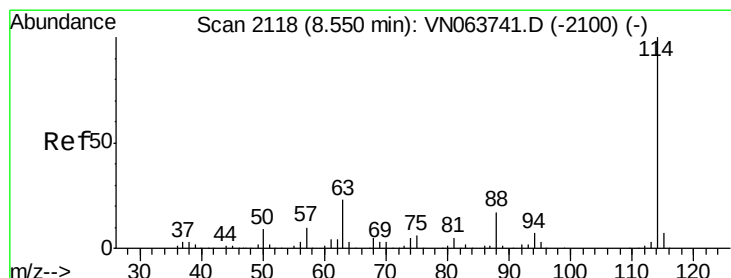
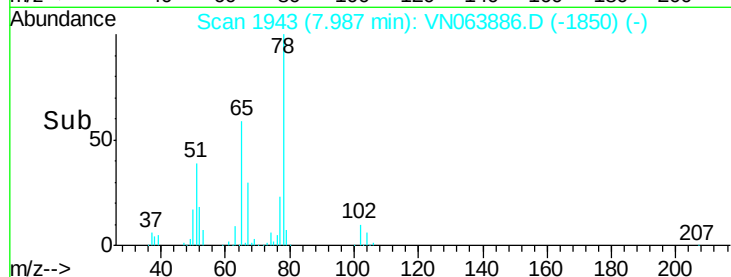
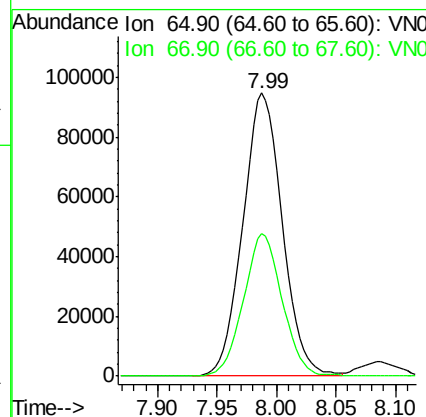
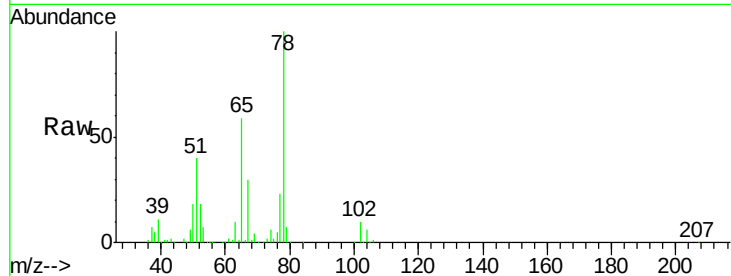
#33
 1,2-Dichloroethane-d4
 Concen: 47.220 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.6

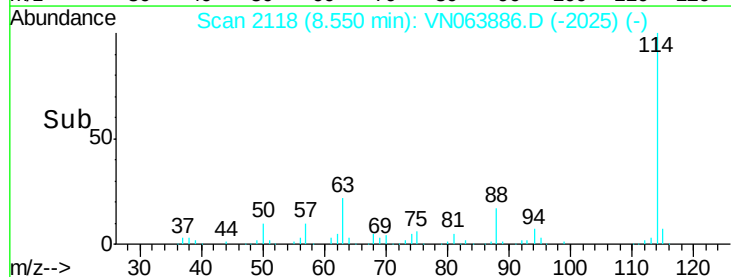
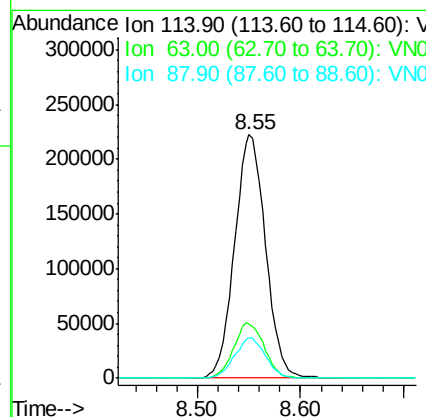
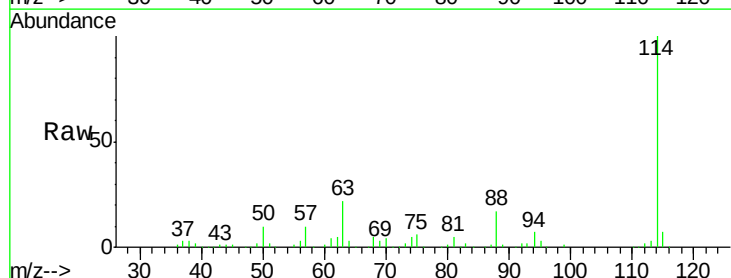
Manual Integrations
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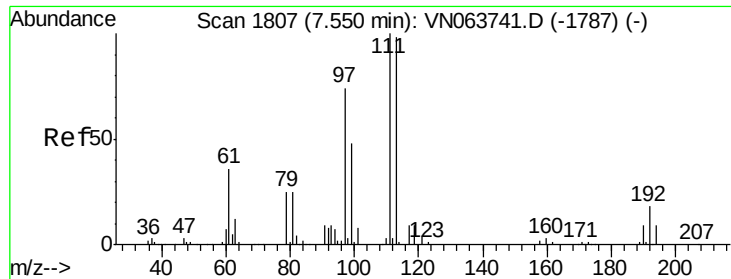
MMDadoda
 10/6/2020 12:57:10 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.0
88	16.6	0.0	34.0





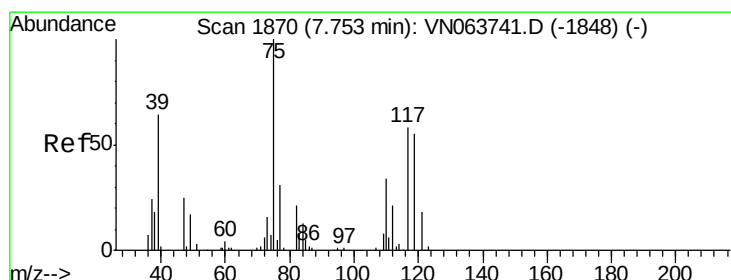
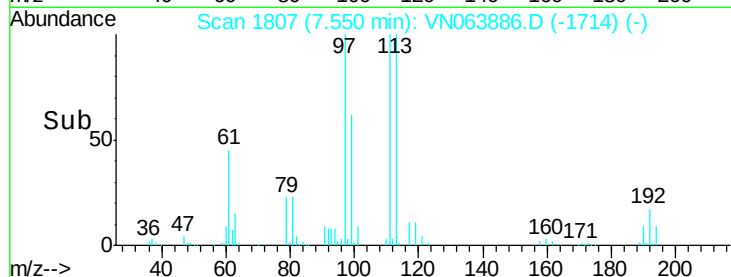
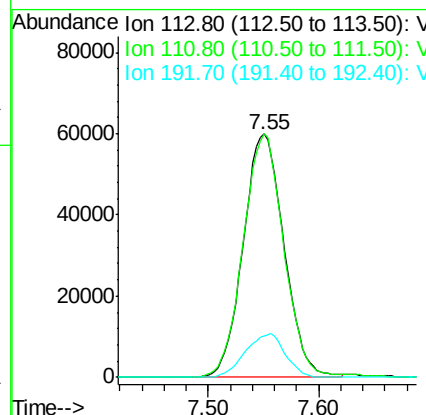
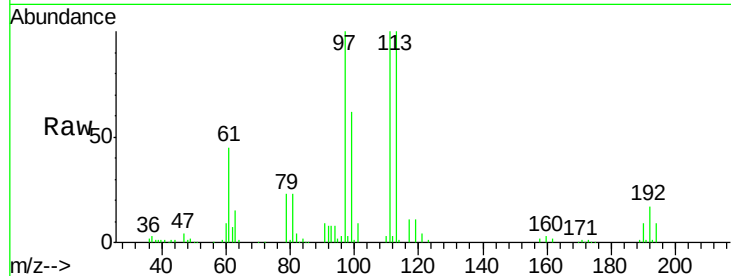
#35
 Dibromofluoromethane
 Concen: 47.584 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153402		
111	100.4	81.8	122.8	
192	17.5	14.2	21.2	

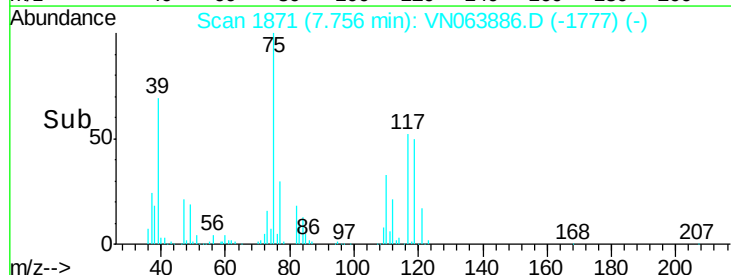
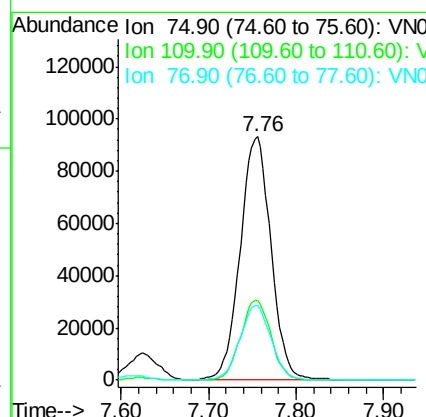
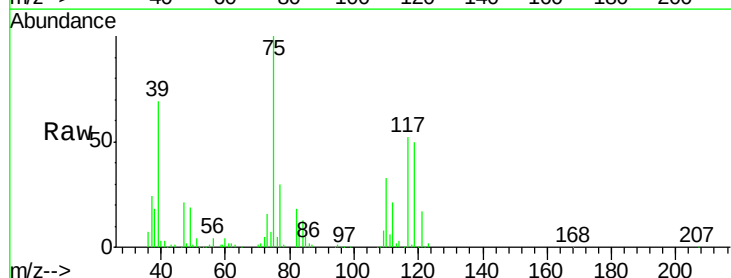
Manual Integrations
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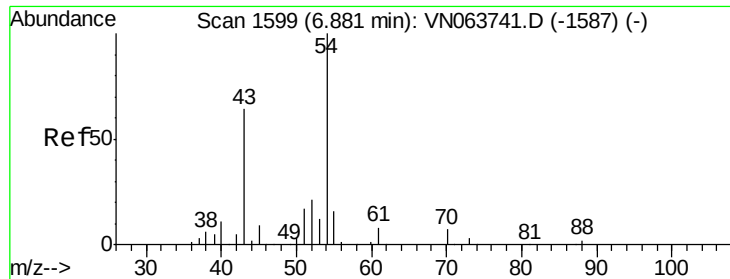
MMDadoda
 10/6/2020 12:57:10 PM



#36
 1,1-Dichloropropene
 Concen: 48.168 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	226724		
110	32.6	16.9	50.6	
77	31.2	24.5	36.7	





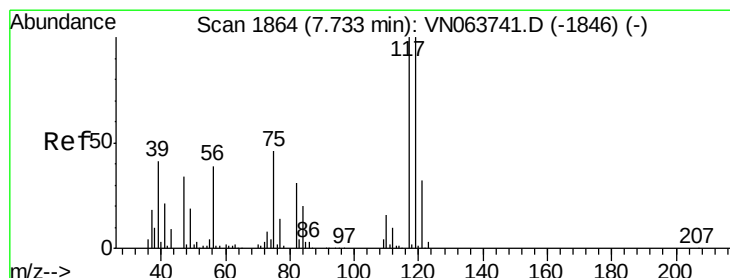
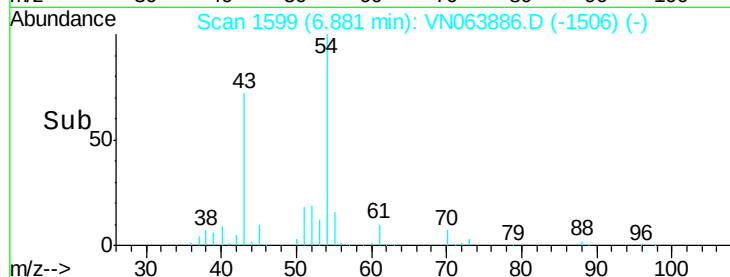
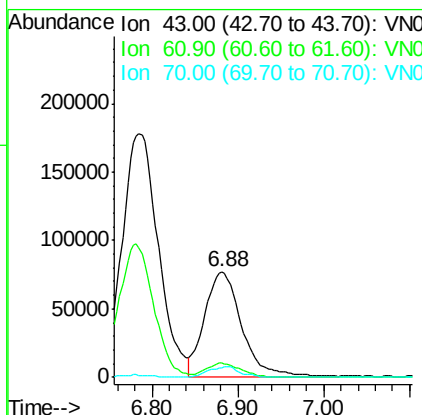
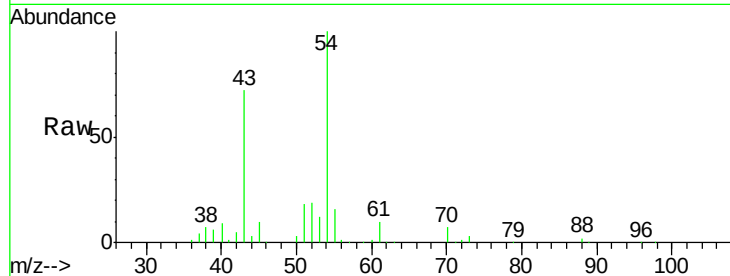
#37
Ethyl Acetate
Concen: 48.782 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	9.1	7.3	10.9

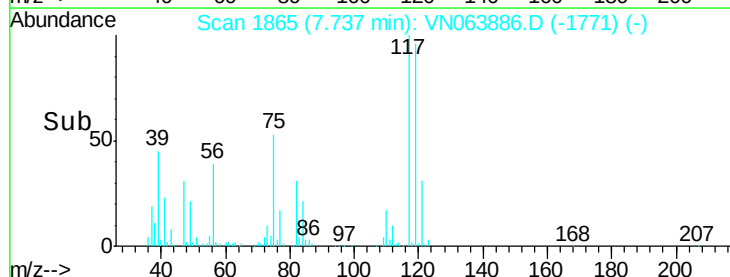
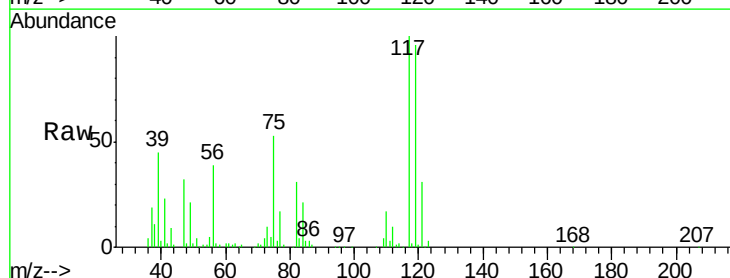
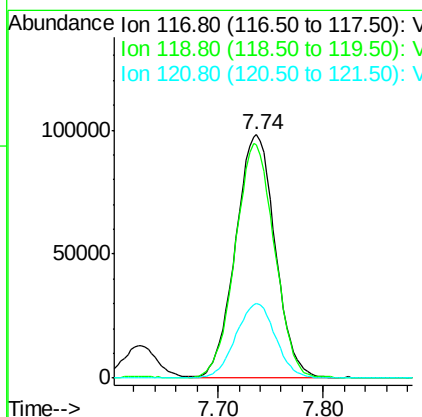
Manual Integrations
APPROVED

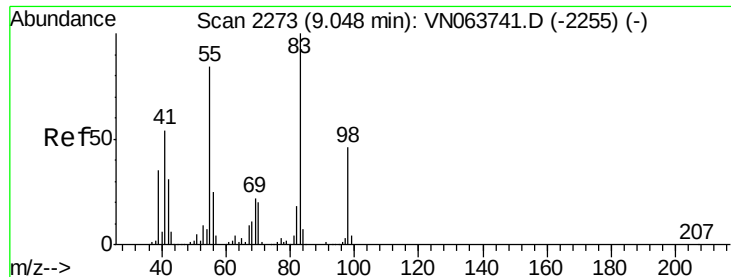
MMDadoda
10/6/2020 12:57:10 PM



#38
Carbon Tetrachloride
Concen: 48.387 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	80.1	120.1
121	30.6	25.7	38.5





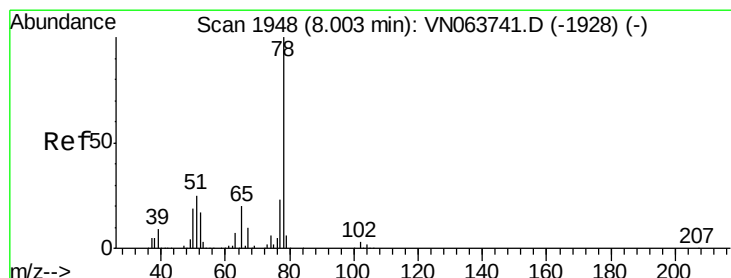
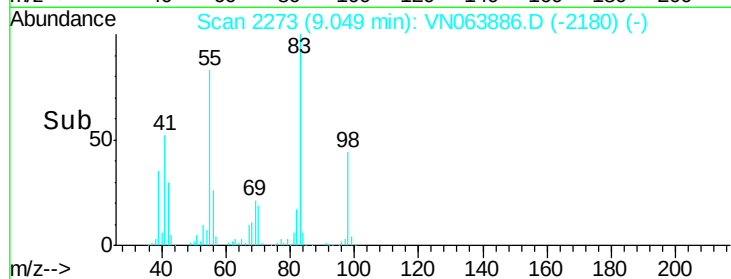
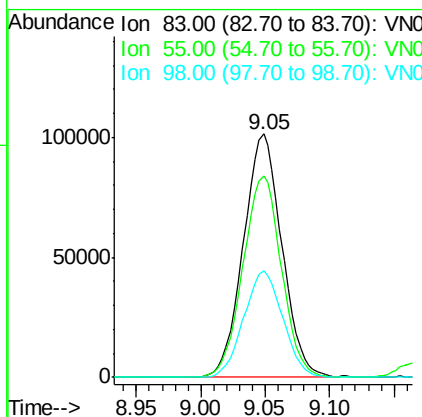
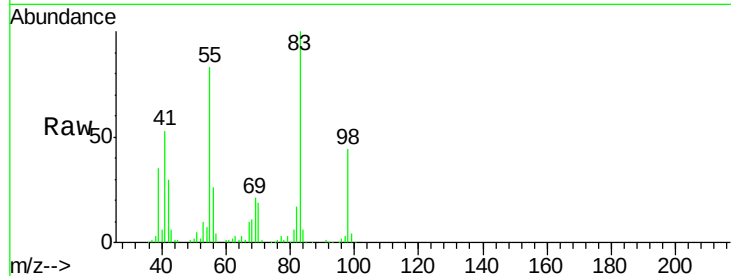
#39
Methylvlcyclohexane
Concen: 45.012 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.7	67.1	100.7	
98	43.6	36.6	54.8	

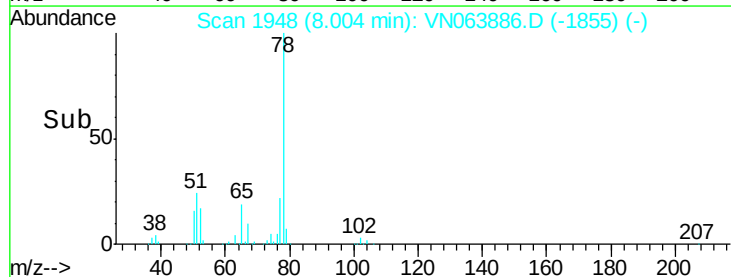
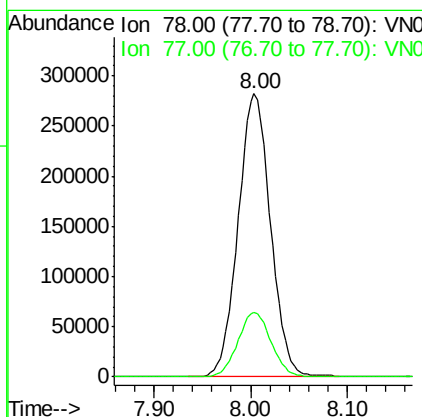
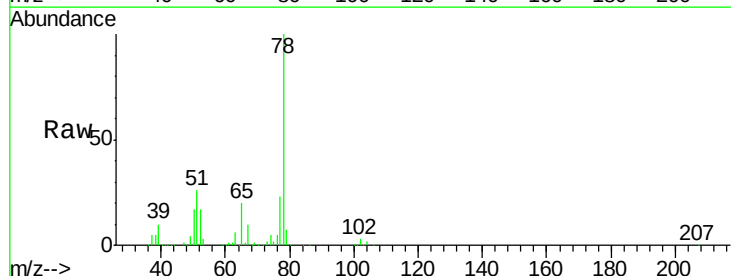
Manual Integrations
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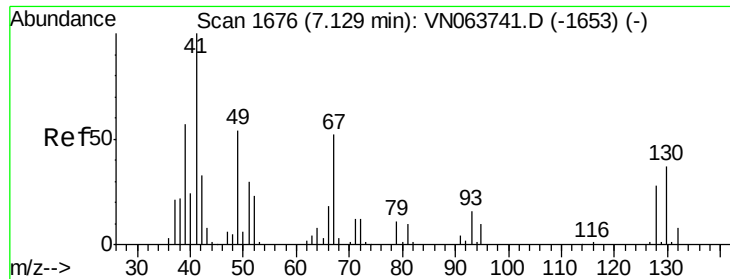
MMDadoda
10/6/2020 12:57:10 PM



#40
Benzene
Concen: 48.793 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.6	18.7	28.1	





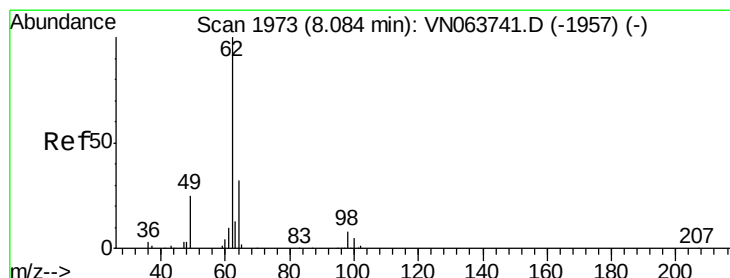
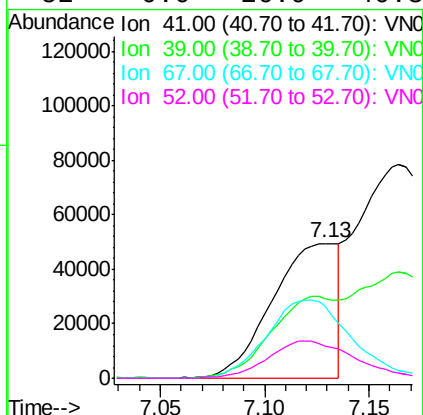
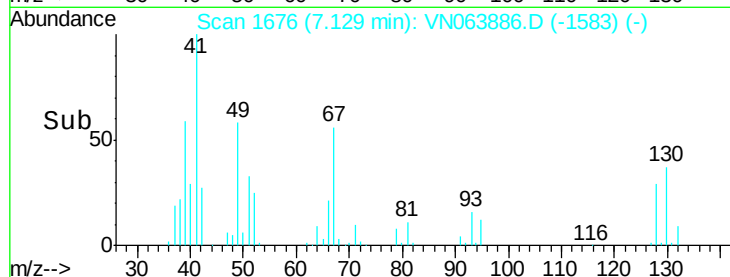
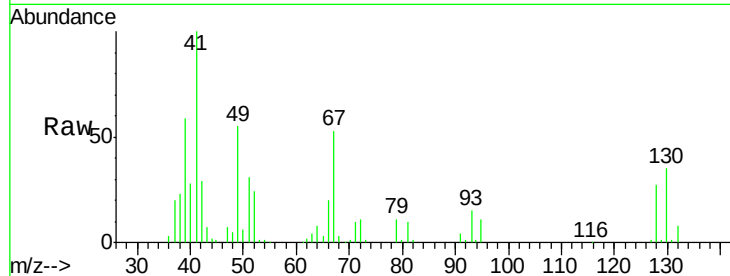
#41
Methacrylonitrile
Concen: 52.325 ug/l m
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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#

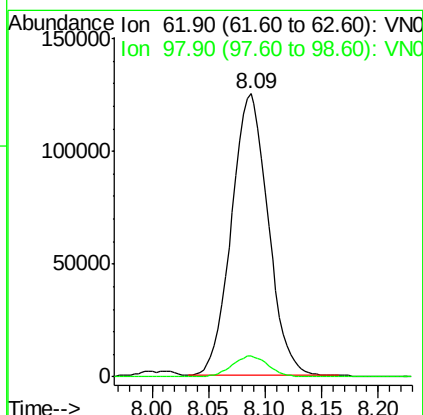
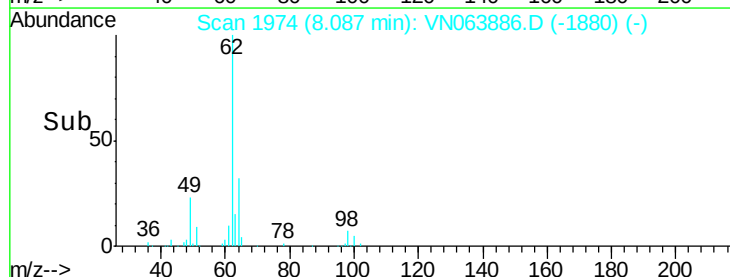
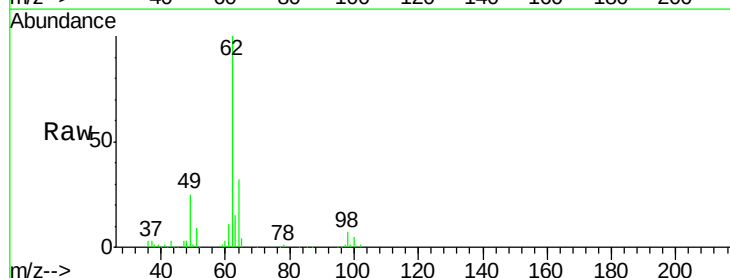
Manual Integrations
APPROVED

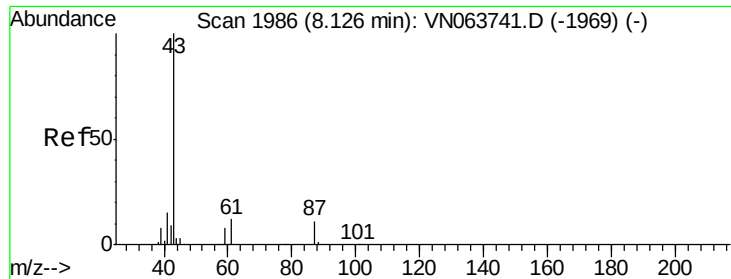
MMDadoda
10/6/2020 12:57:10 PM



#42
1,2-Dichloroethane
Concen: 49.006 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.0





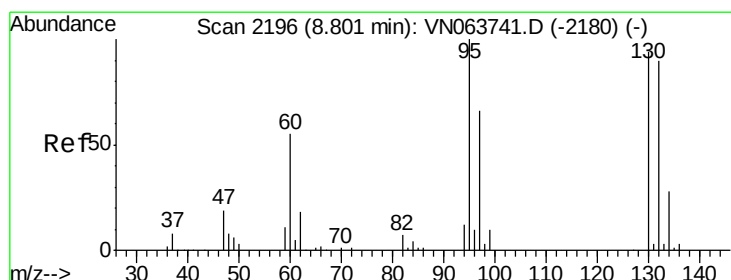
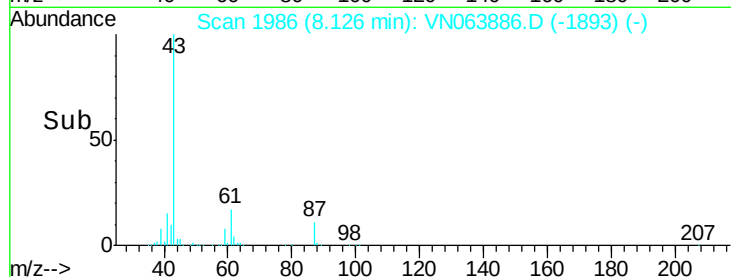
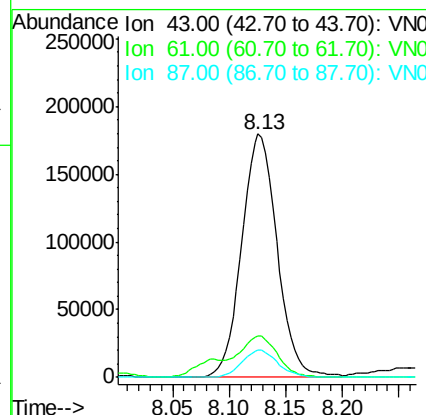
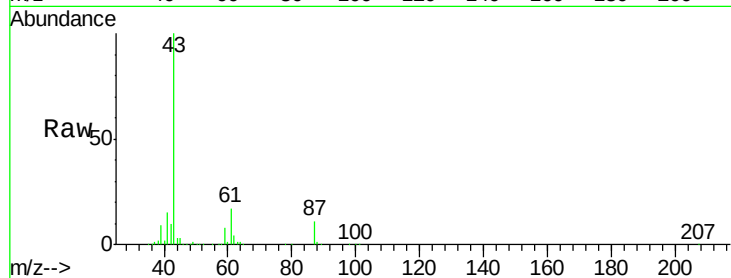
#43
Isopropyl Acetate
Concen: 50.643 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	390631
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.2	21.4
87	11.4	9.0	13.6

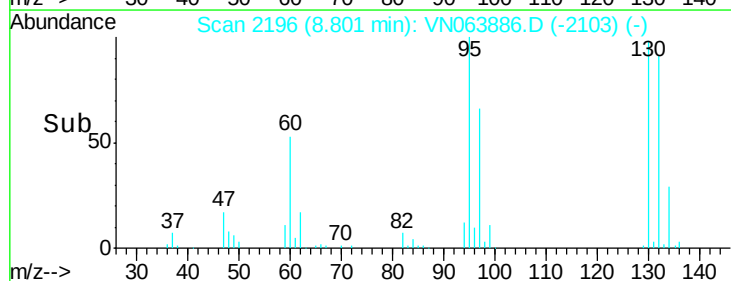
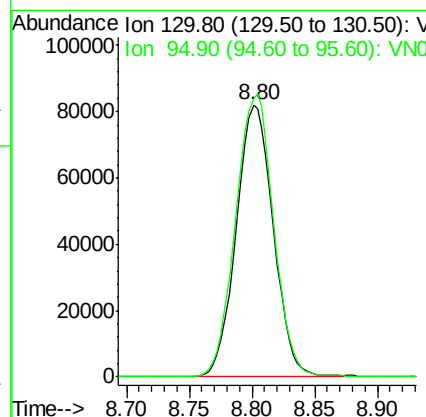
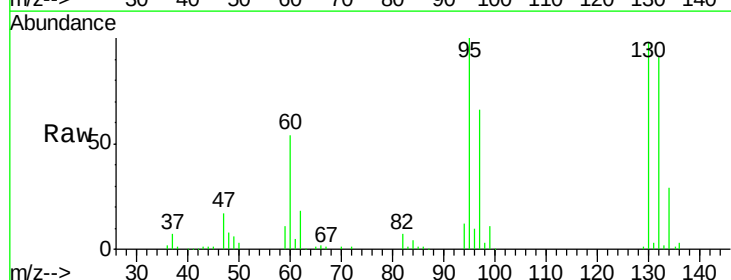
Manual Integrations
APPROVED

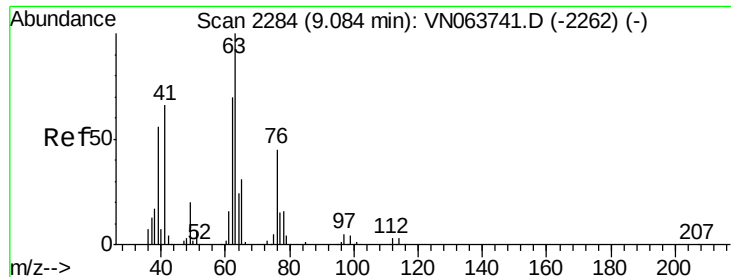
MMDadoda
10/6/2020 12:57:10 PM



#44
Trichloroethene
Concen: 47.820 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	130	Resp	168447
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	213.6





#45

1,2-Dichloropropane

Concen: 49.131 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 178387

Ion Ratio Lower Upper

63 100

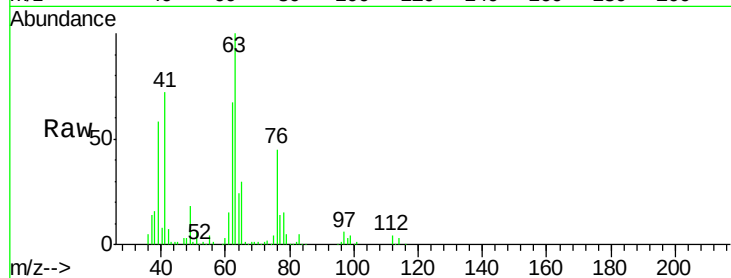
65 29.9 24.7 37.1

Manual Integrations

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MMDadoda

10/6/2020 12:57:10 PM



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

80000

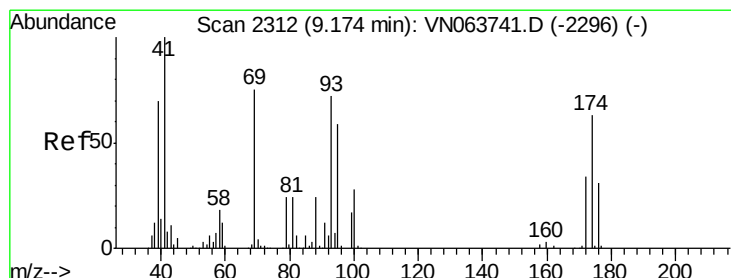
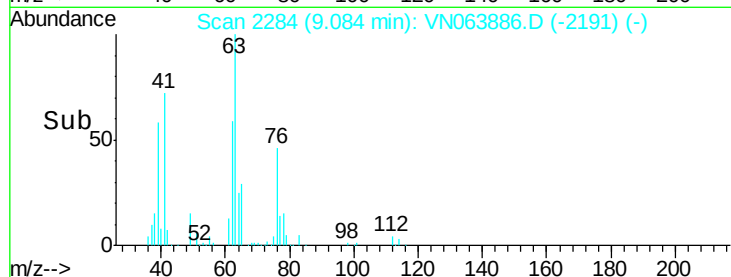
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 49.176 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

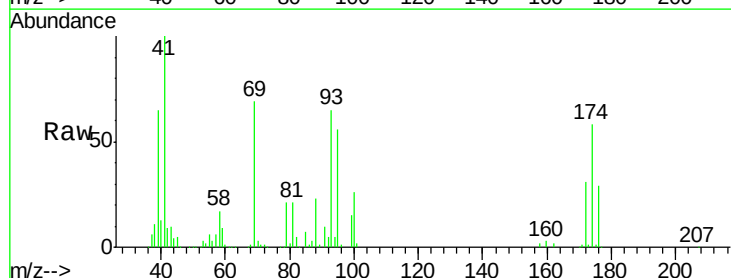
Tgt Ion: 93 Resp: 123172

Ion Ratio Lower Upper

93 100

95 82.7 66.3 99.5

174 91.3 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.17

80000

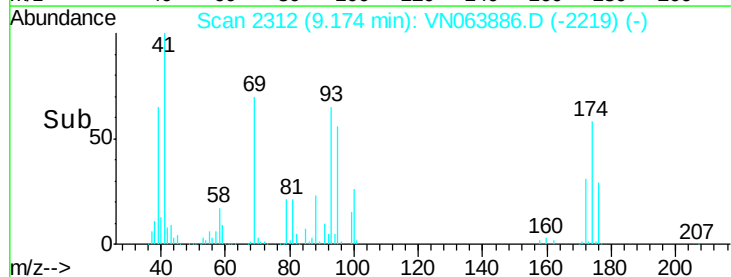
60000

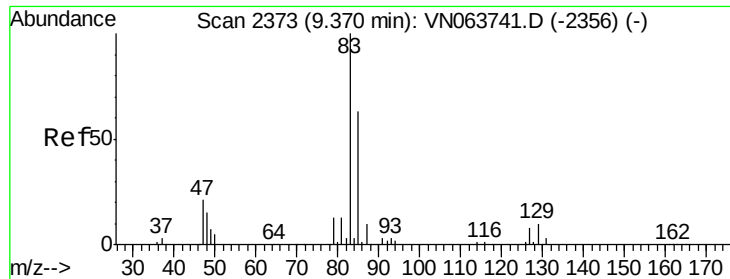
40000

20000

0

Time-->





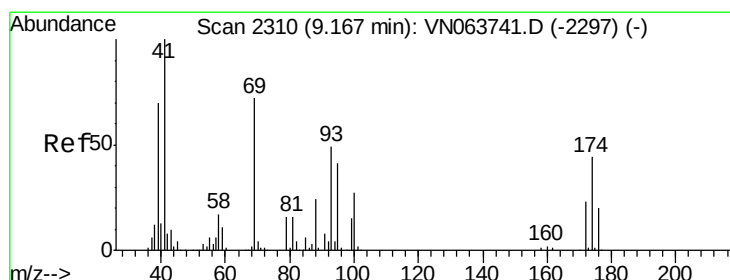
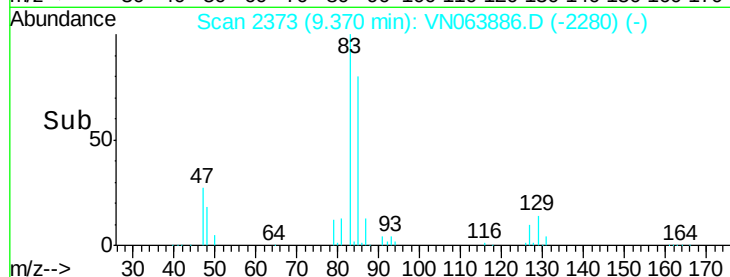
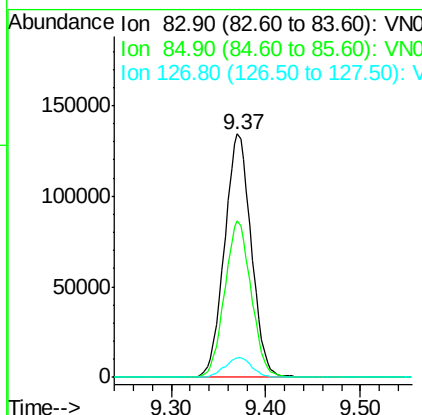
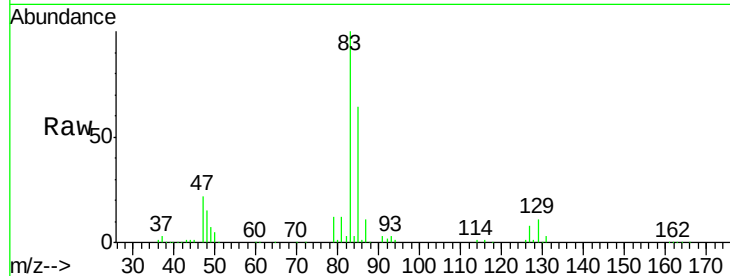
#47
Bromodichloromethane
Concen: 51.026 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	263402
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	50.6	75.8
127	8.2	6.6	9.8

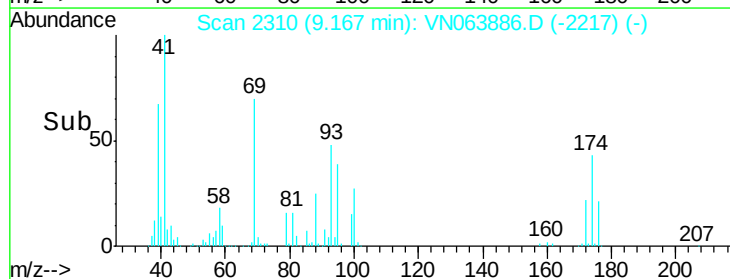
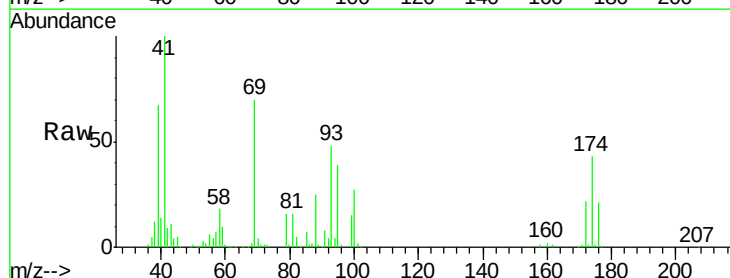
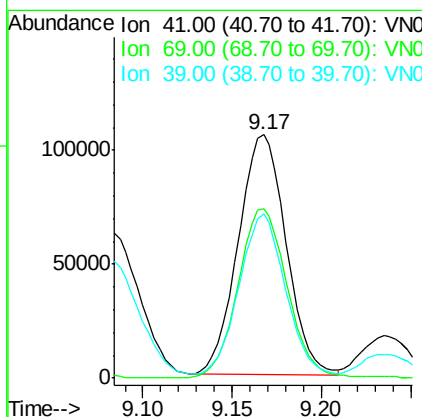
Manual Integrations
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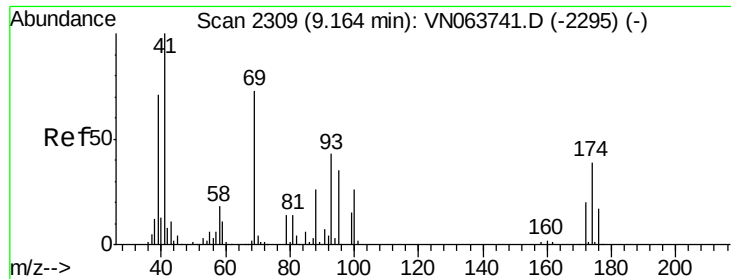
MMDadoda
10/6/2020 12:57:10 PM



#48
Methyl methacrylate
Concen: 52.051 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	41	Resp	198363
Ion Ratio	100	Lower	Upper
41	100		
69	72.6	60.9	91.3
39	67.3	57.5	86.3





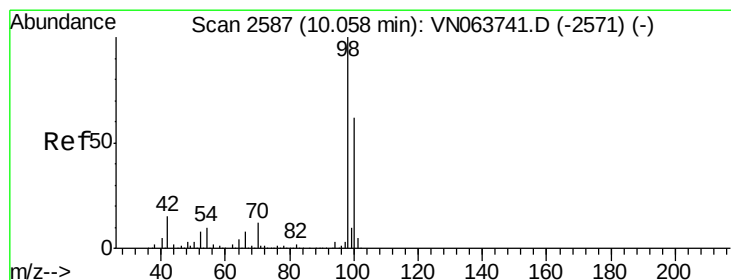
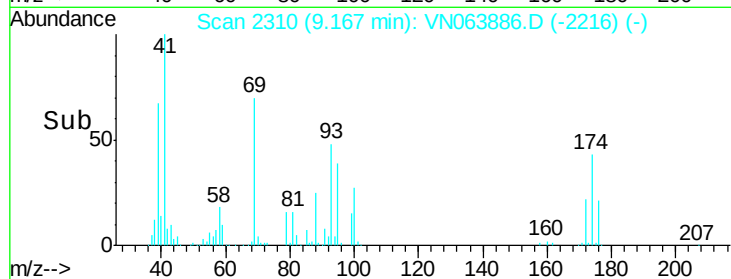
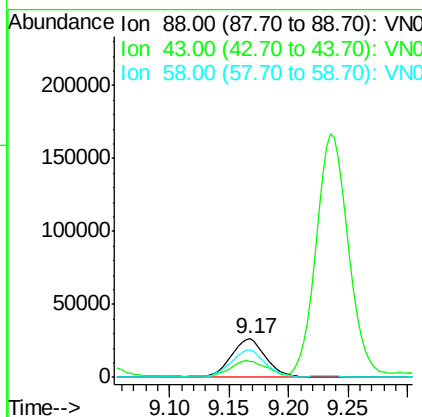
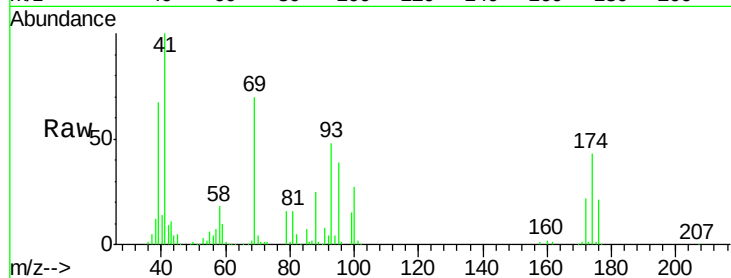
#49
1,4-Dioxane
Concen: 986.686 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.1	33.1	49.7
58	71.0	58.9	88.3

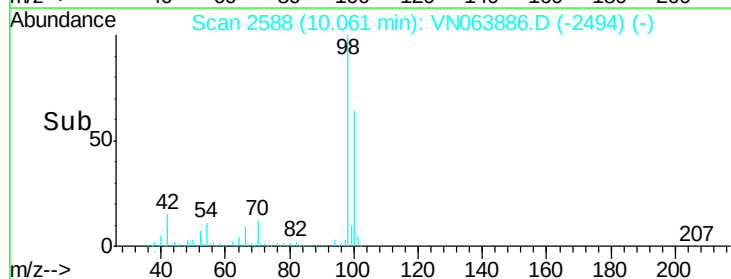
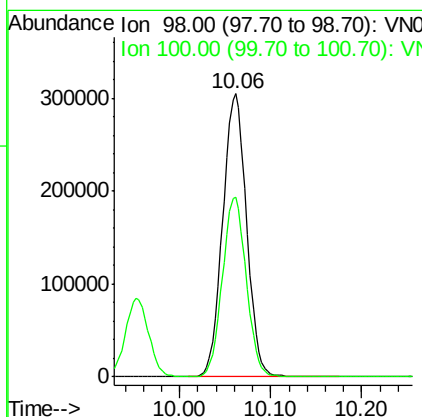
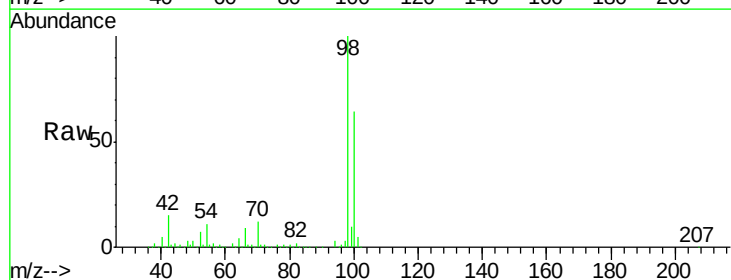
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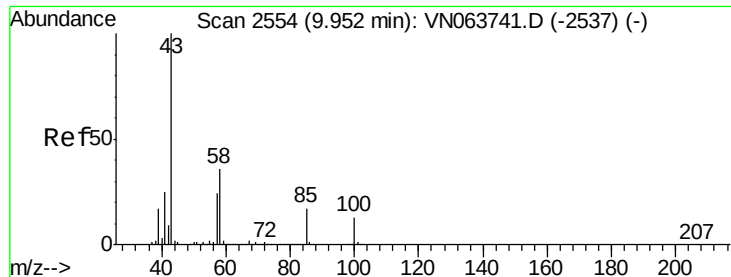
MMDadoda
10/6/2020 12:57:10 PM



#50
Toluene-d8
Concen: 45.564 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 266.156 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1204790

Ion Ratio Lower Upper

43 100

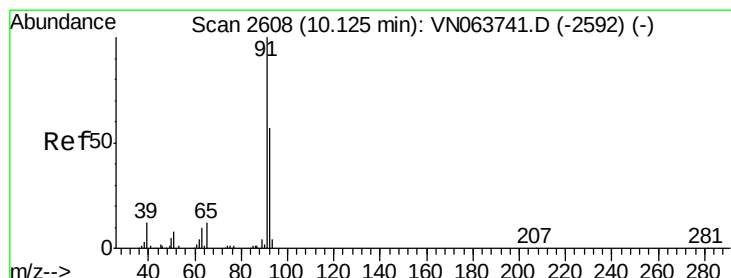
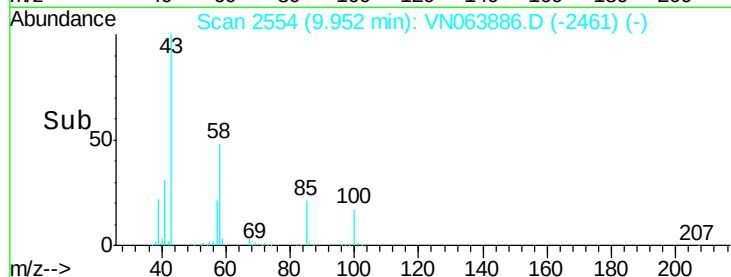
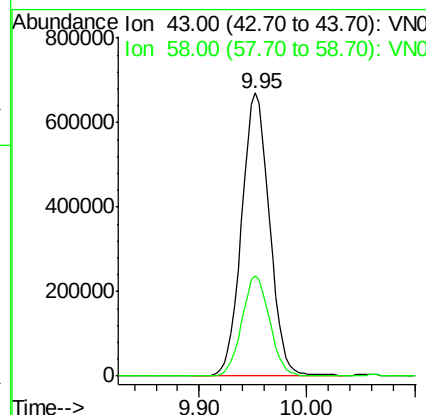
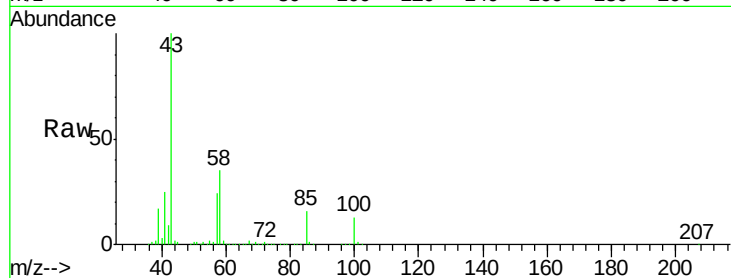
58 35.4 28.4 42.6

Manual Integrations

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MMDadoda

10/6/2020 12:57:10 PM



#52

Toluene

Concen: 50.161 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063886.D

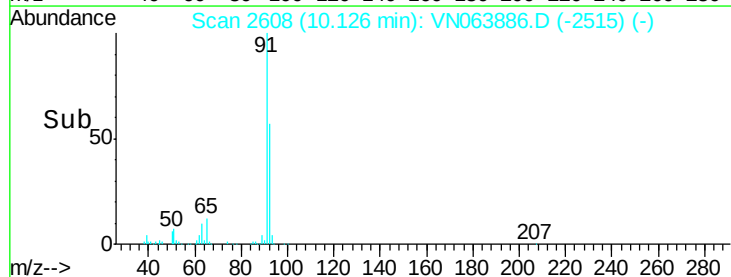
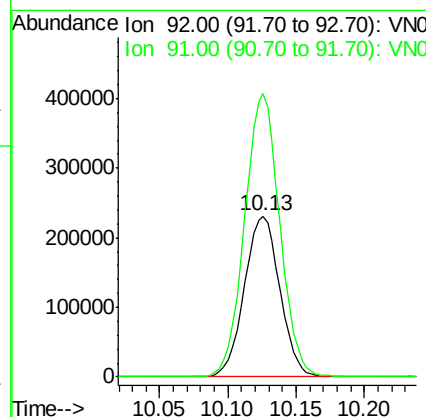
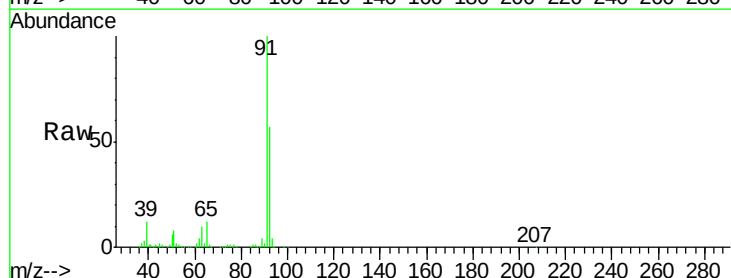
Acq: 5 Oct 2020 21:20

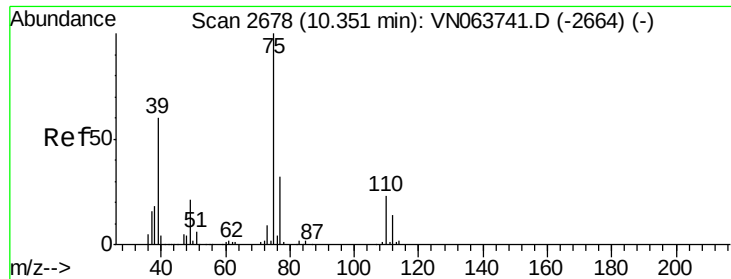
Tgt Ion: 92 Resp: 417122

Ion Ratio Lower Upper

92 100

91 174.6 140.6 210.8





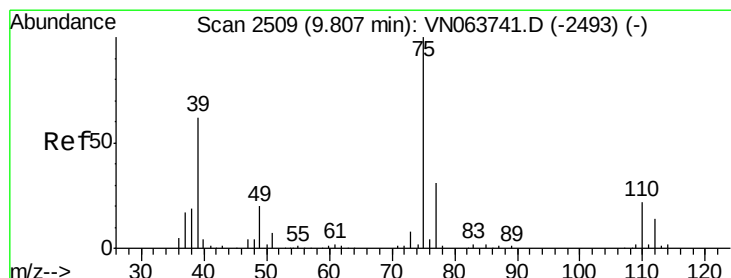
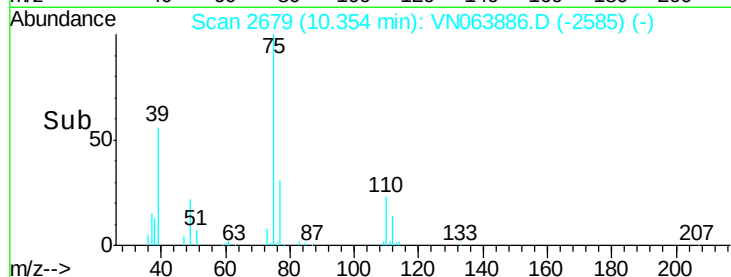
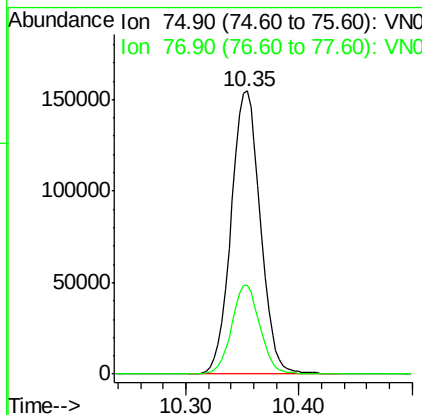
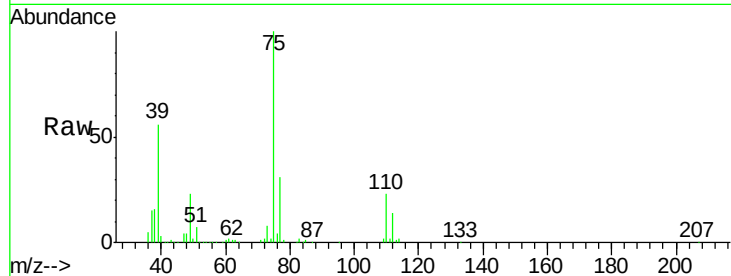
#53
 t-1,3-Dichloropropene
 Concen: 50.306 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 278367
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9

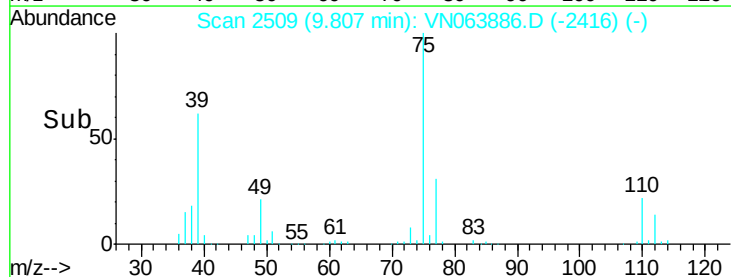
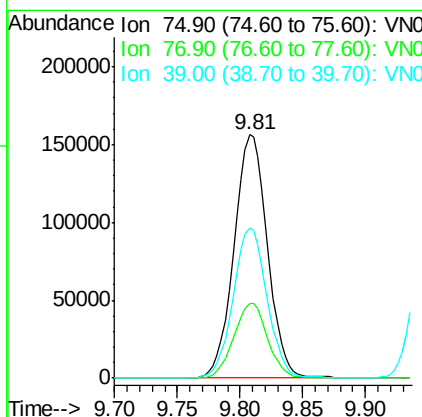
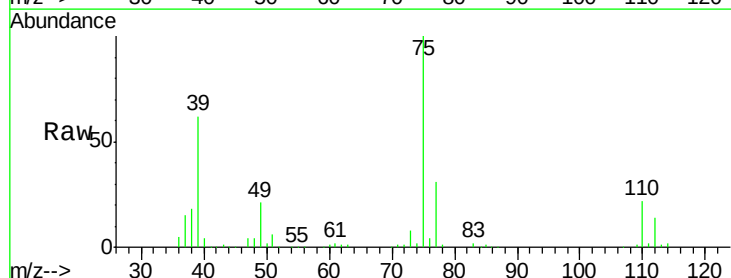
Manual Integrations
 APPROVED

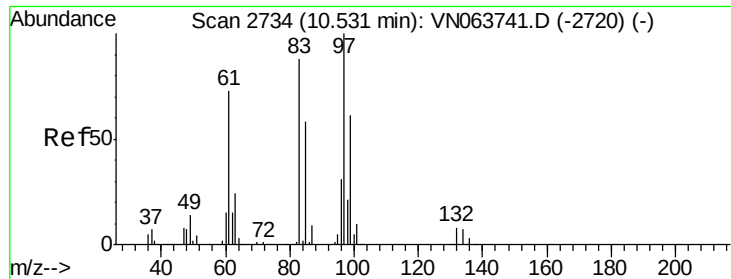
MMDadoda
 10/6/2020 12:57:10 PM



#54
 cis-1,3-Dichloropropene
 Concen: 49.917 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Tgt Ion: 75 Resp: 288869
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 36.8
 39 61.8 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 51.296 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

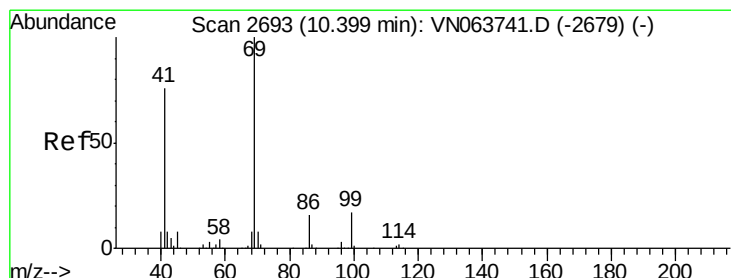
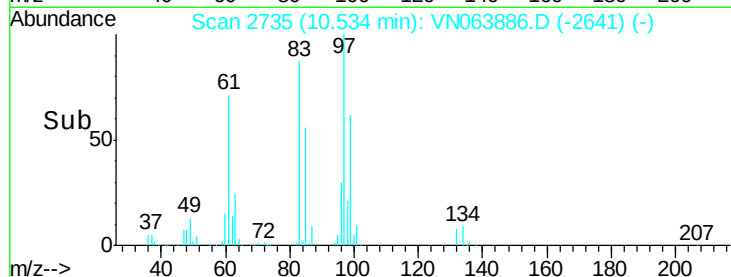
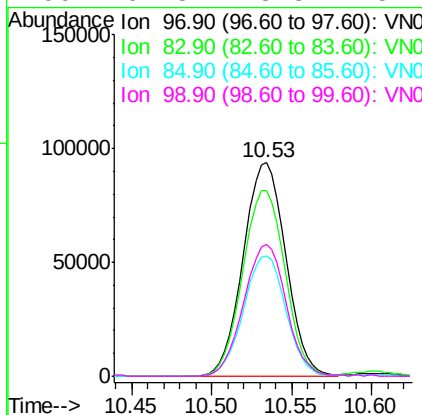
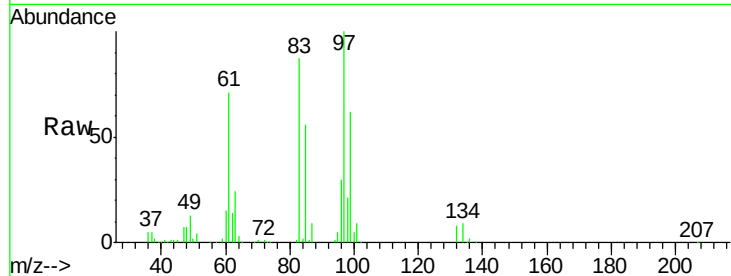
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	171066
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.7	106.1
85	56.5	46.1	69.1
99	61.8	48.8	73.2

Manual Integrations
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MMDadoda
10/6/2020 12:57:10 PM



#56

Ethyl methacrylate

Concen: 53.050 ug/l

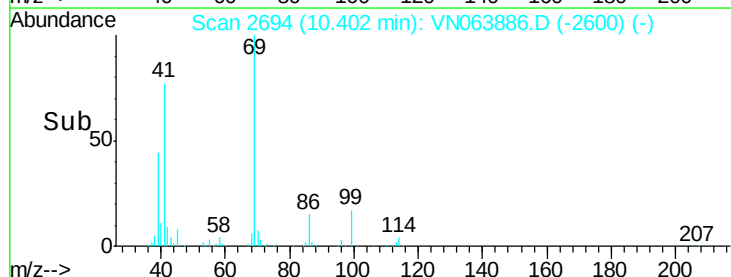
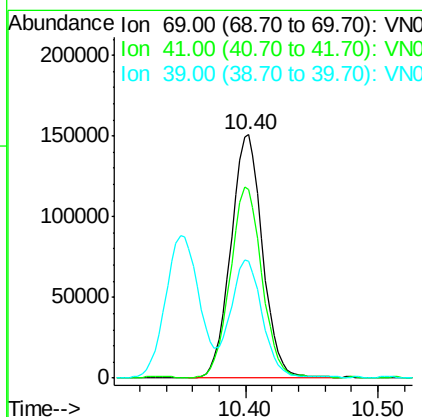
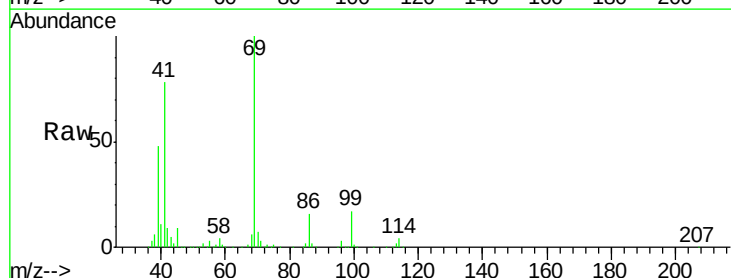
RT: 10.40 min Scan# 2694

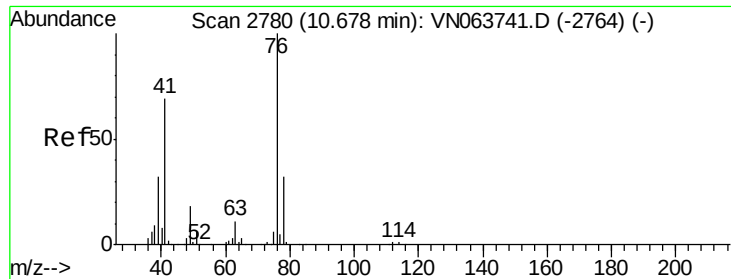
Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Tgt Ion:	69	Resp:	250768
Ion	Ratio	Lower	Upper
69	100		
41	77.8	61.1	91.7
39	48.5	42.2	63.4





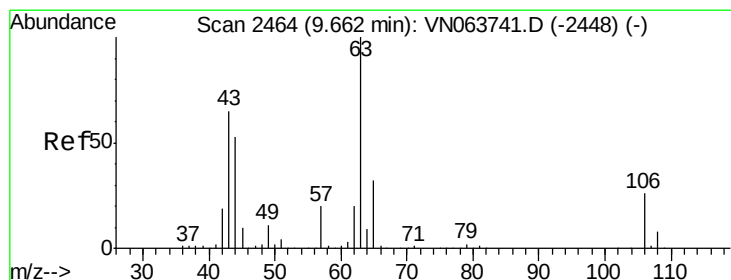
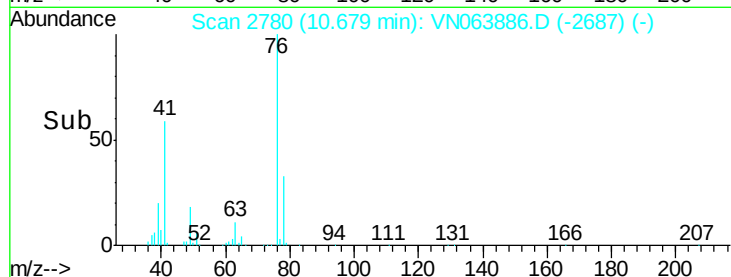
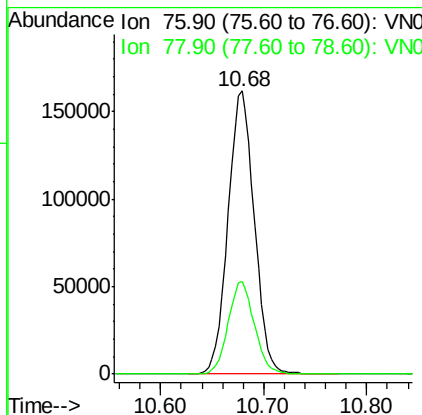
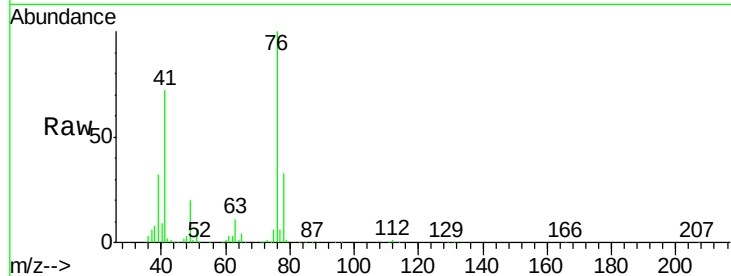
#57
 1,3-Dichloropropane
 Concen: 50.973 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 76 Resp: 287593
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8

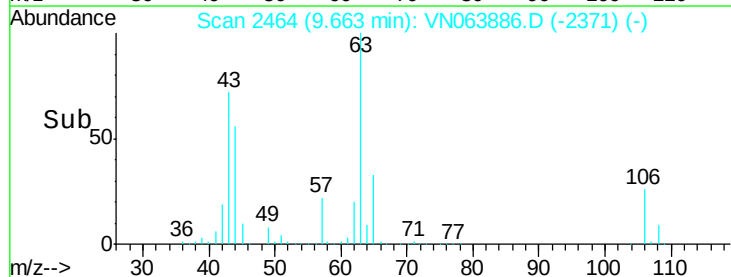
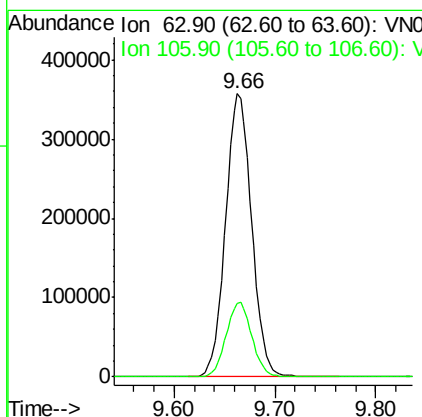
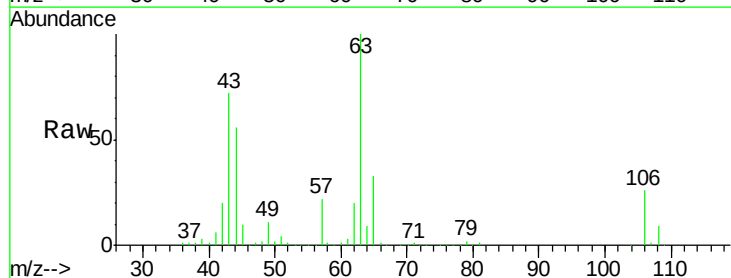
Manual Integrations
 APPROVED

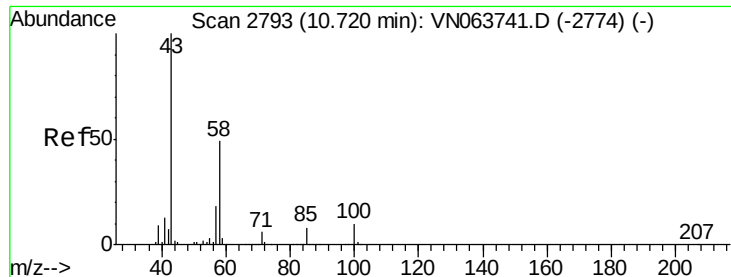
MMDadoda
 10/6/2020 12:57:10 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.785 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Tgt Ion: 63 Resp: 644235
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.7 31.1





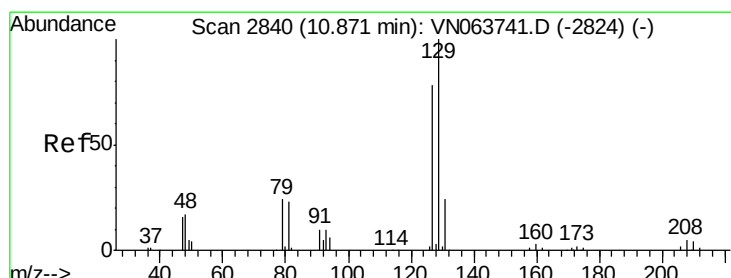
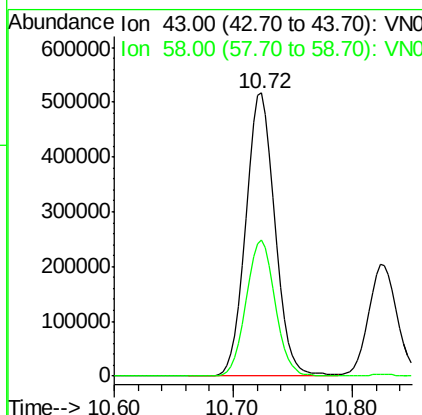
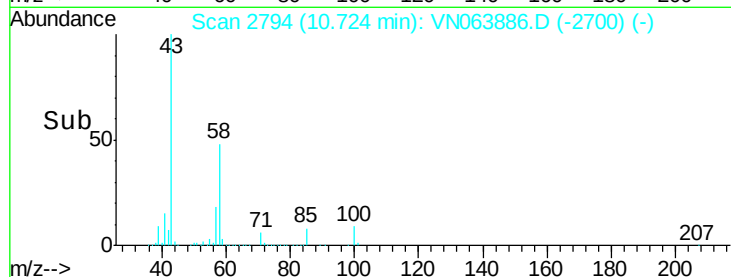
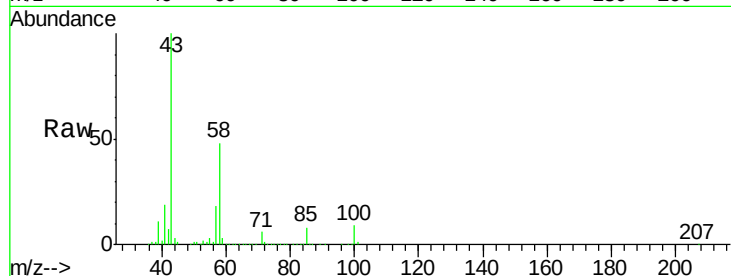
#59
2-Hexanone
Concen: 260.103 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.1	24.6	73.8

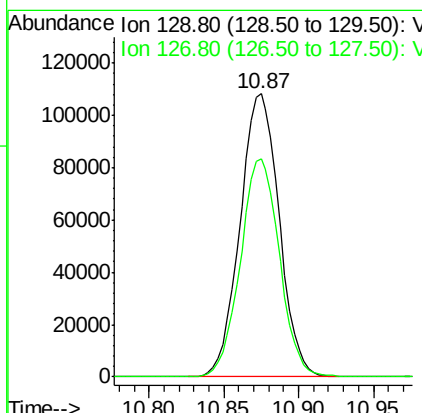
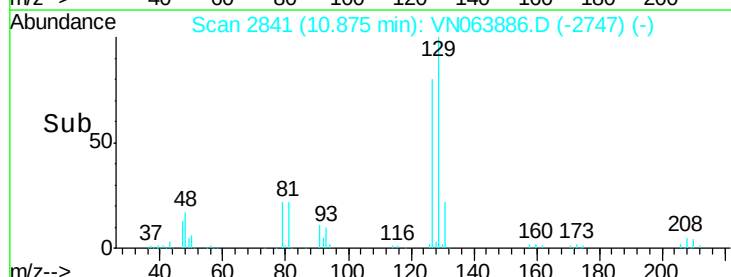
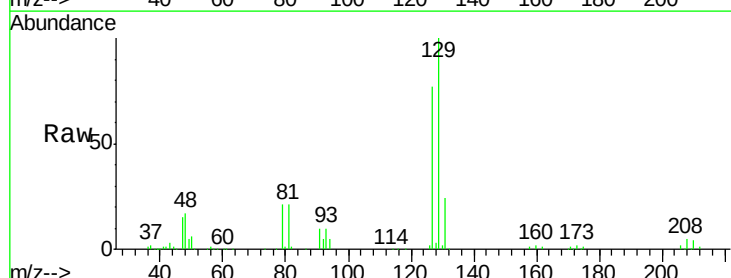
Manual Integrations
APPROVED

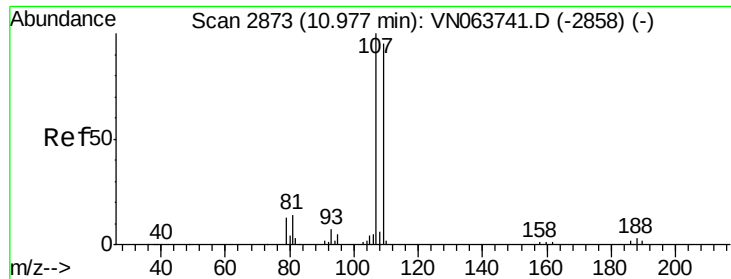
MMDadoda
10/6/2020 12:57:10 PM



#60
Dibromochloromethane
Concen: 50.810 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.9	116.7





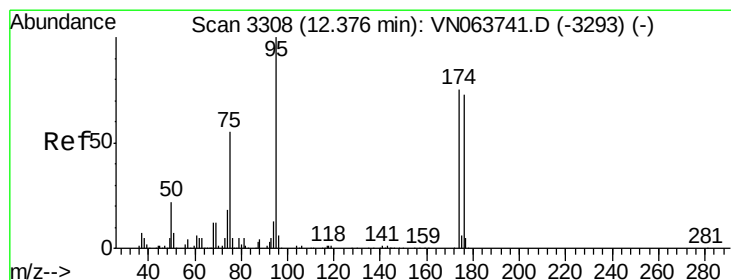
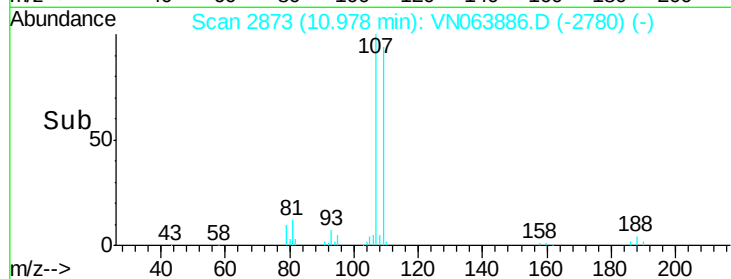
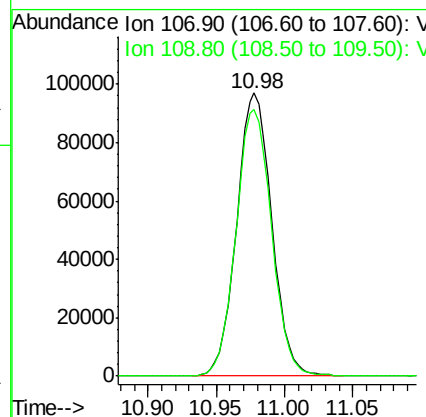
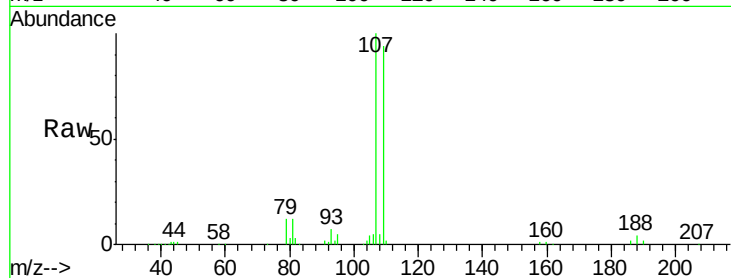
#61
 1,2-Dibromoethane
 Concen: 50.819 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	74.8	112.2

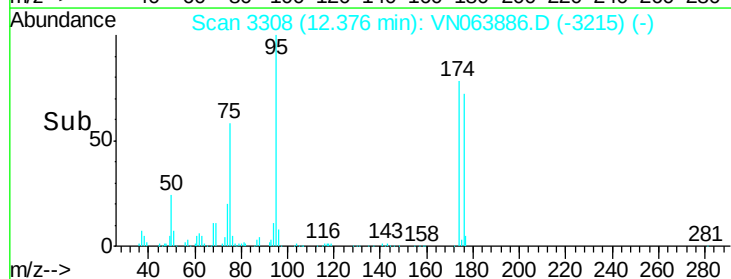
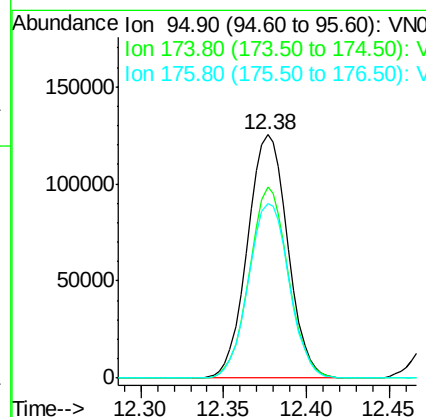
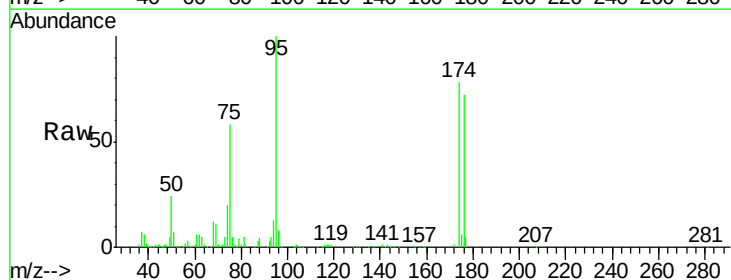
Manual Integrations
 APPROVED

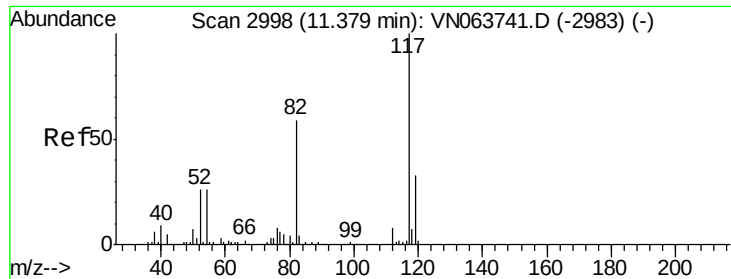
MMDadoda
 10/6/2020 12:57:10 PM



#62
 4-Bromofluorobenzene
 Concen: 46.158 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	150.6
176	72.7	0.0	145.4





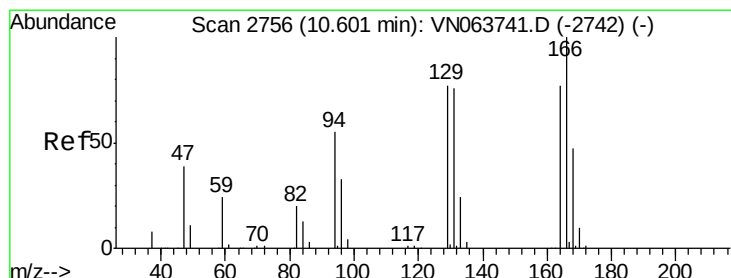
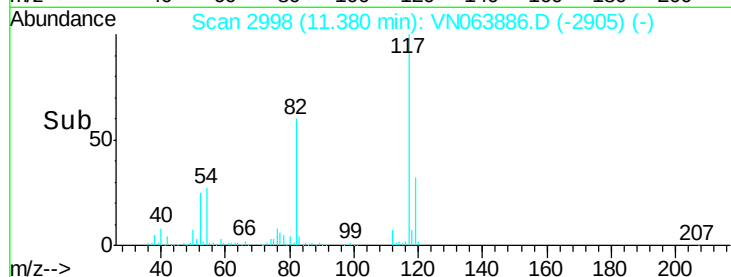
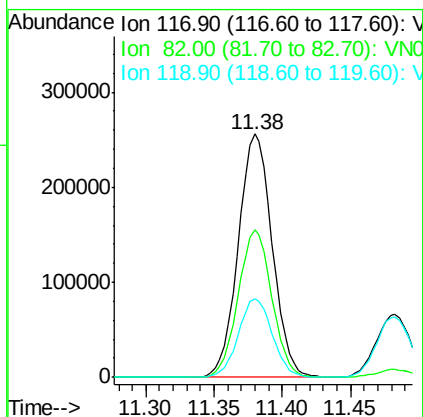
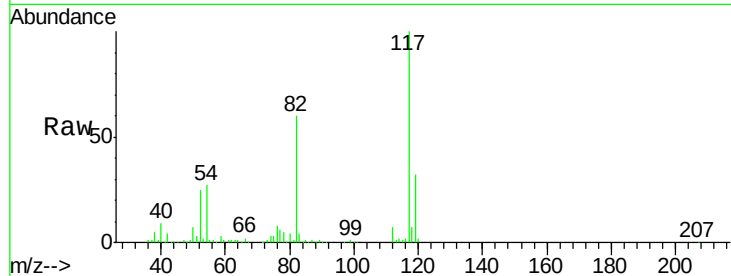
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.4	71.2
119	32.3	26.4	39.6

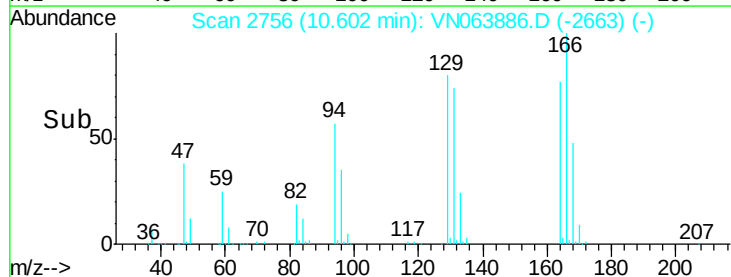
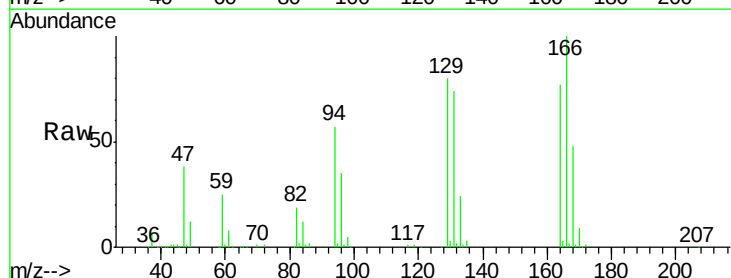
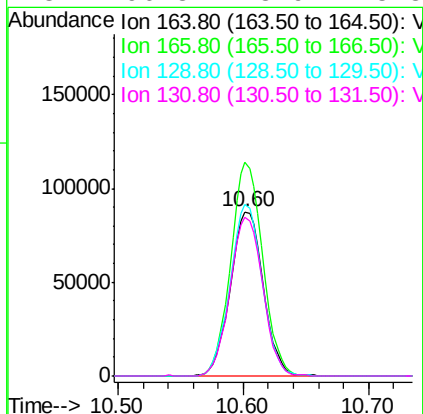
Manual Integrations
APPROVED

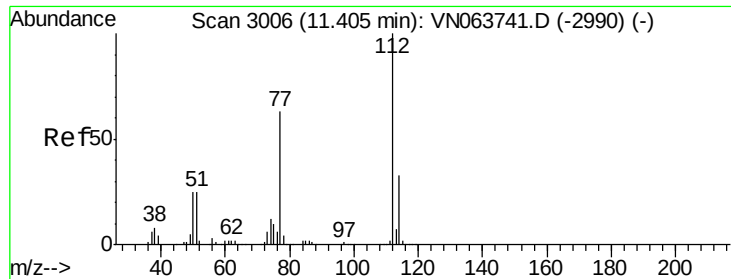
MMDadoda
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#64
Tetrachloroethene
Concen: 46.607 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.9	155.9
129	104.6	80.3	120.5
131	96.3	78.9	118.3





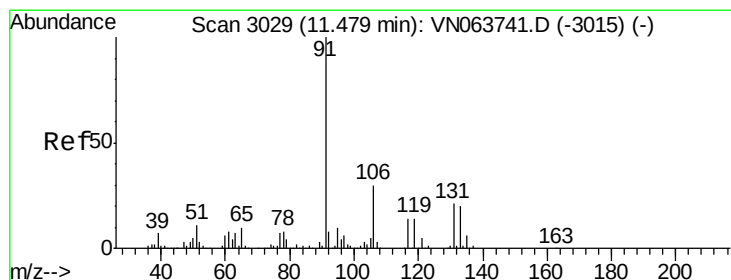
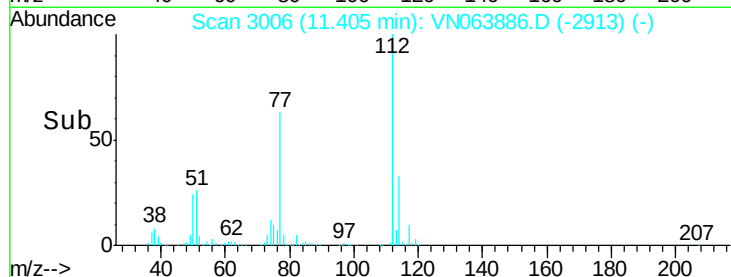
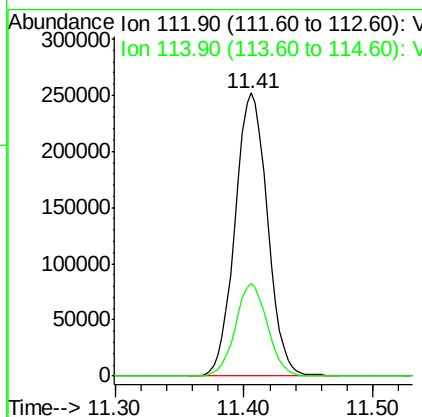
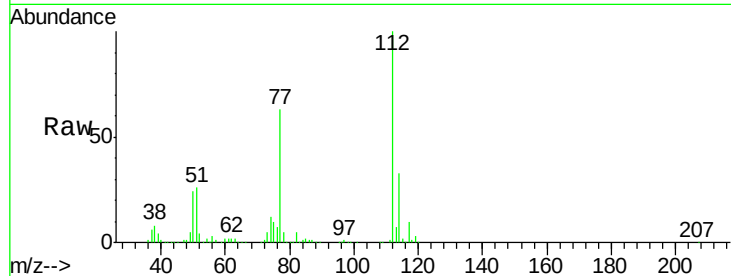
#65
Chlorobenzene
Concen: 48.626 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 441053
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1

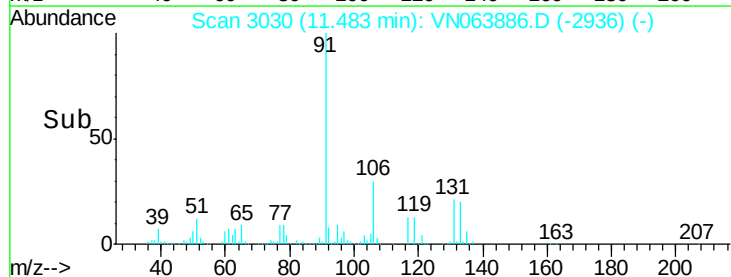
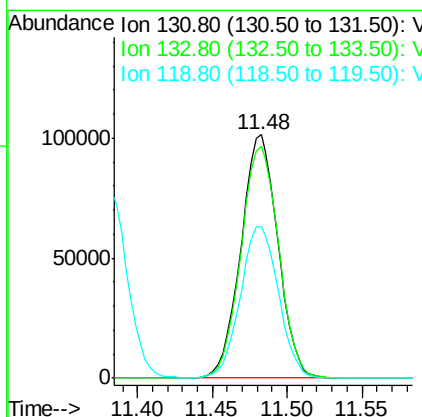
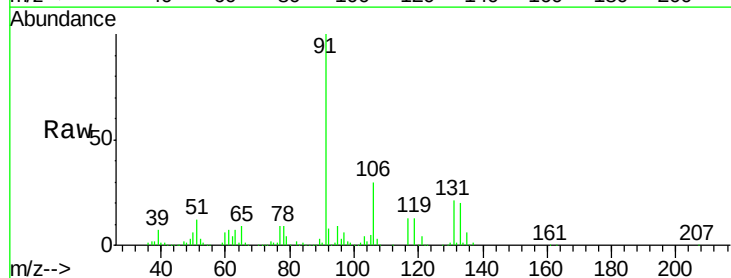
Manual Integrations
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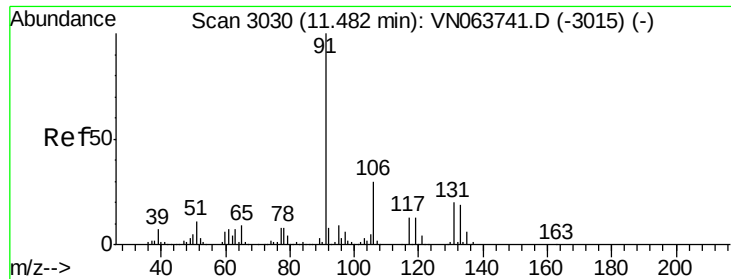
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.212 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion:131 Resp: 174602
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.8
119 64.1 32.6 97.7





#67

Ethyl Benzene

Concen: 49.672 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 819821

Ion Ratio Lower Upper

91 100

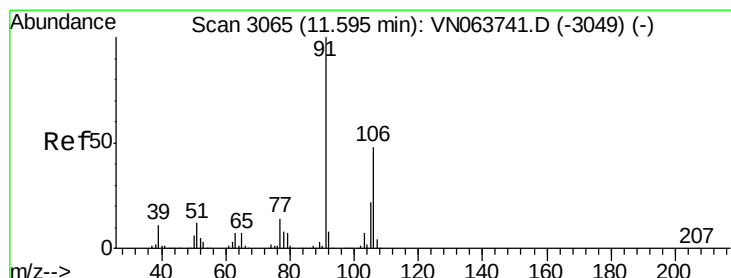
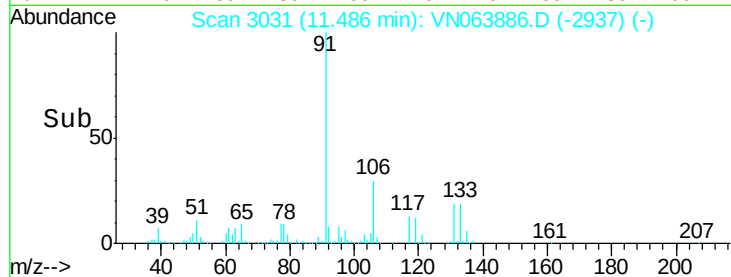
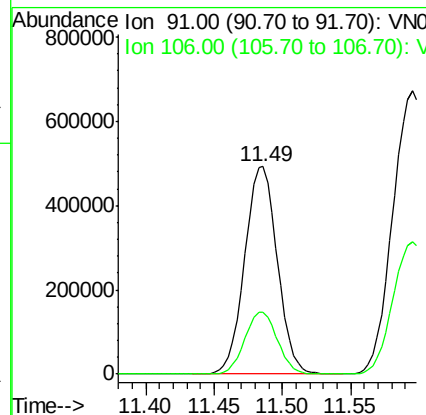
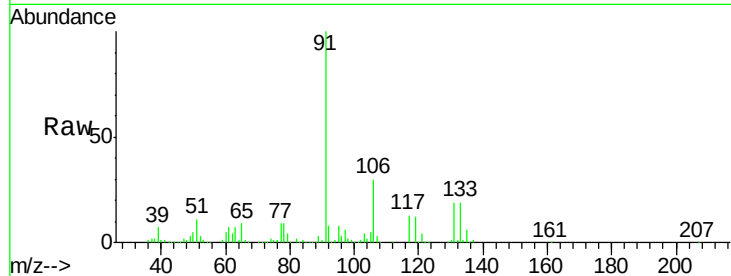
106 30.1 24.2 36.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 98.447 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063886.D

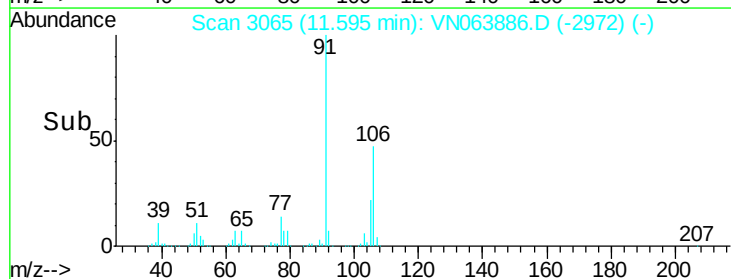
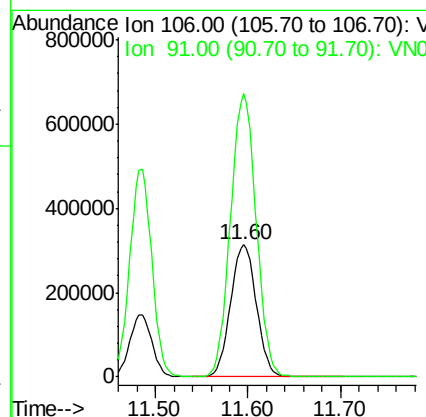
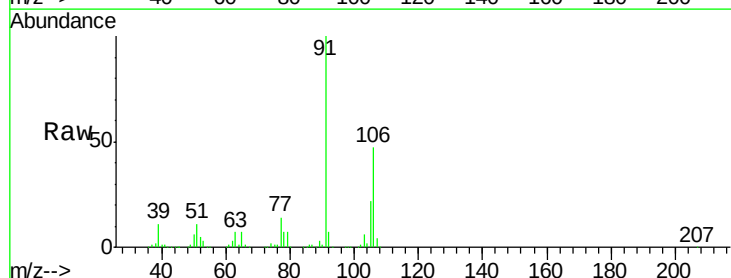
Acq: 5 Oct 2020 21:20

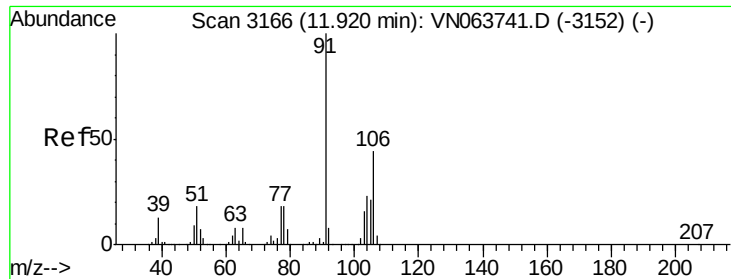
Tgt Ion: 106 Resp: 605568

Ion Ratio Lower Upper

106 100

91 212.9 168.0 252.0





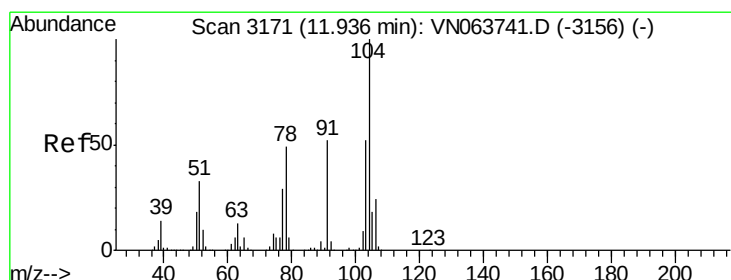
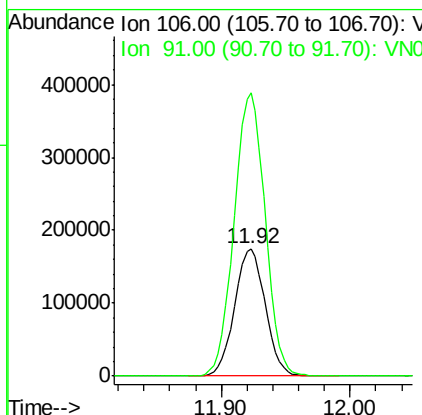
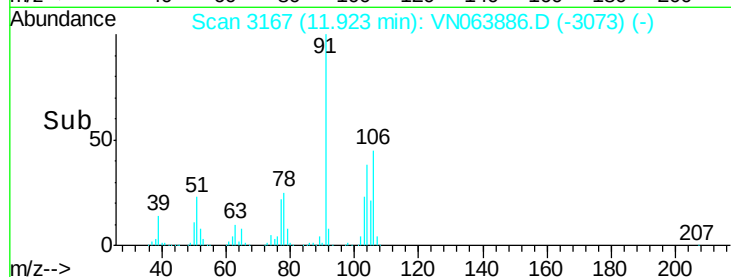
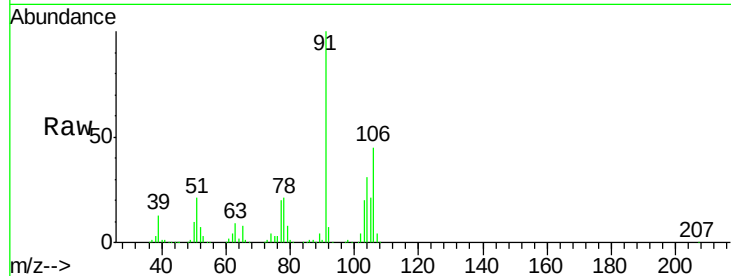
#69
o-Xylene
Concen: 50.110 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		288101		
91	225.5	112.7	338.0		

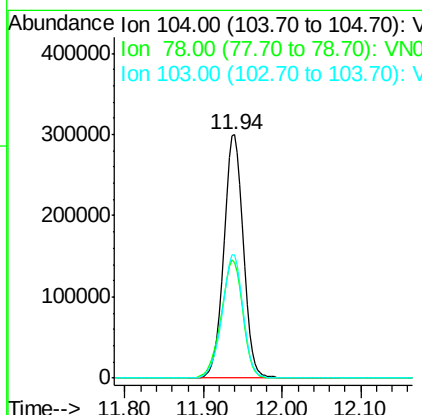
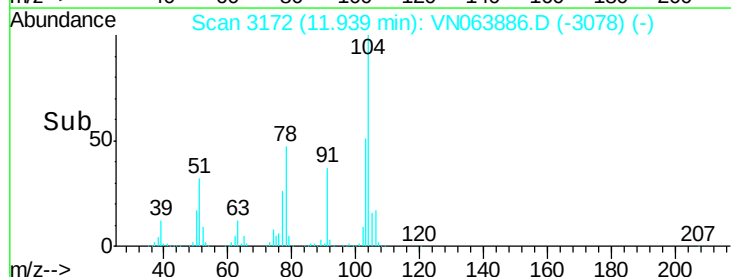
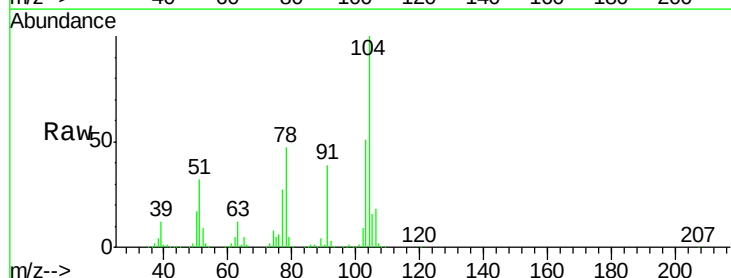
Manual Integrations
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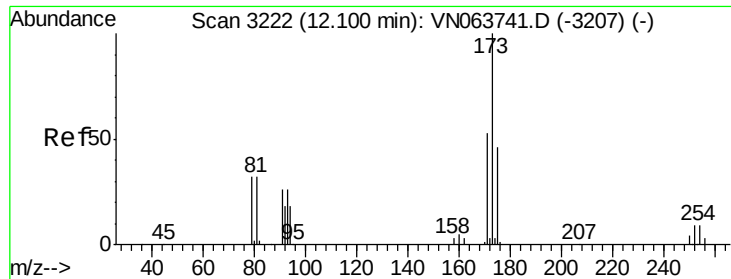
MMDadoda
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#70
Styrene
Concen: 52.429 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		511675		
78	53.9	44.1	66.1		
103	54.5	44.3	66.5		





#71

Bromoform

Concen: 50.009 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 132998

Ion Ratio Lower Upper

173 100

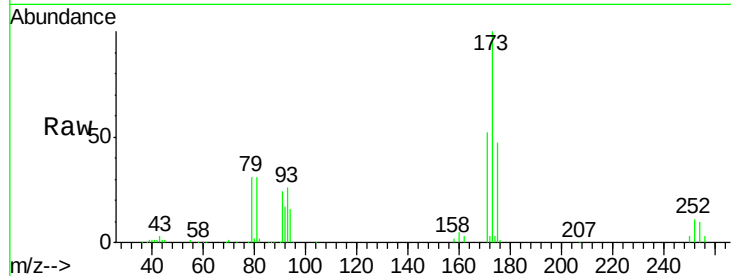
175 48.1 23.5 70.5

254 0.0 0.0 0.0

Manual Integrations
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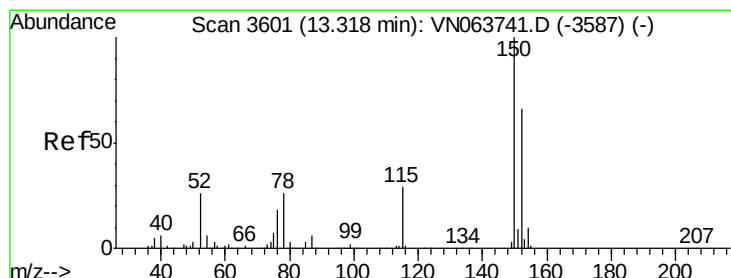
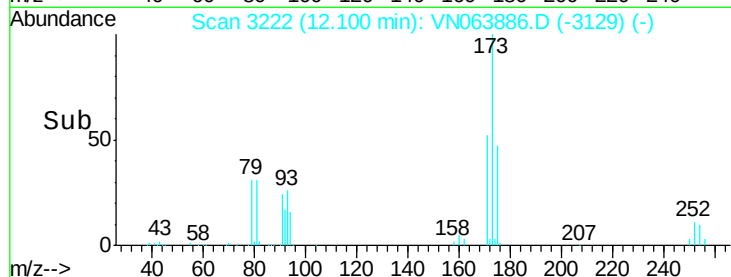
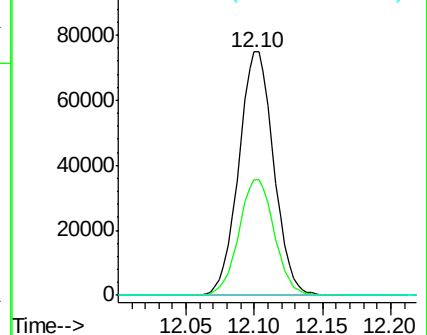
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

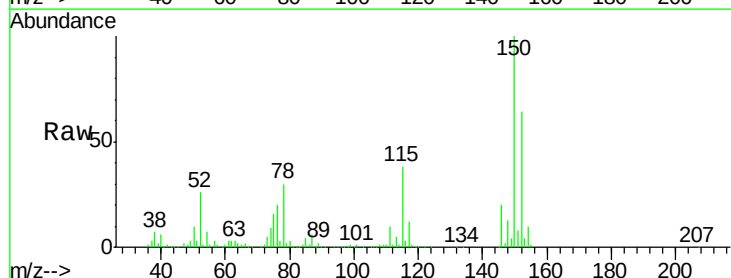
Tgt Ion:152 Resp: 217103

Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

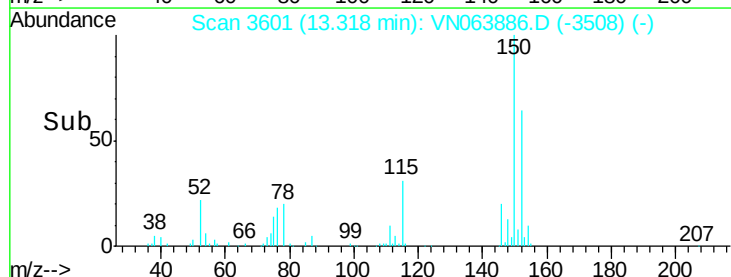
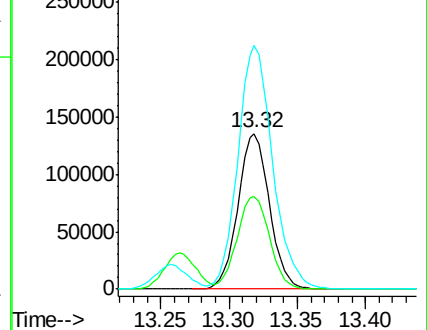
150 172.7 0.0 341.8

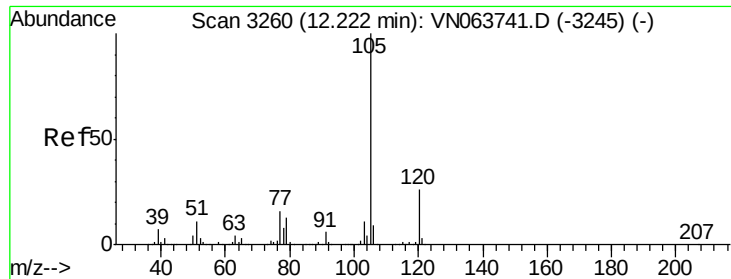


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





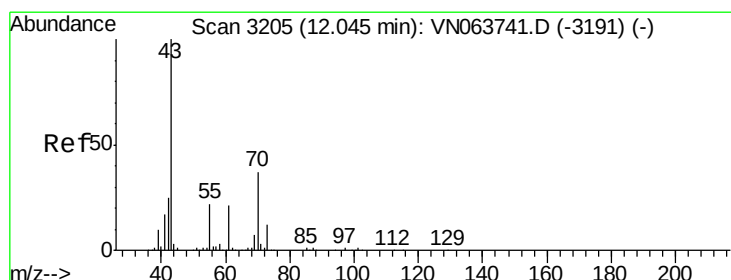
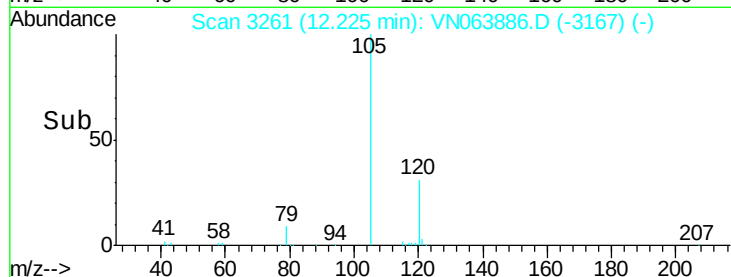
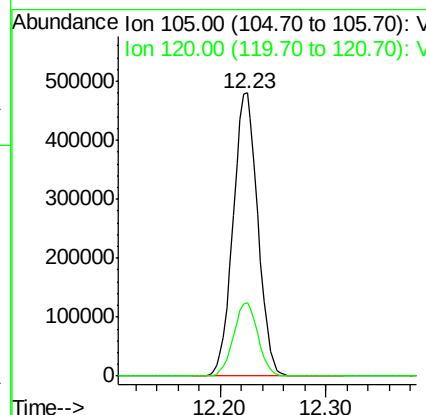
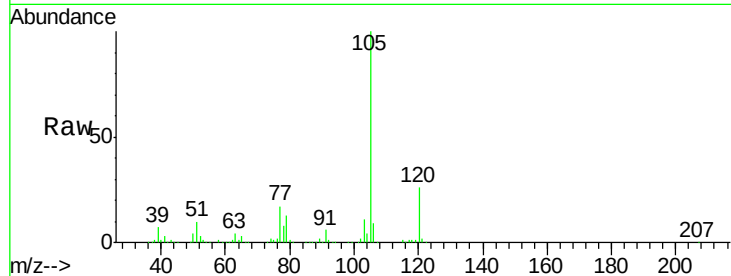
#73
Isopropylbenzene
Concen: 48.976 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.6	37.8

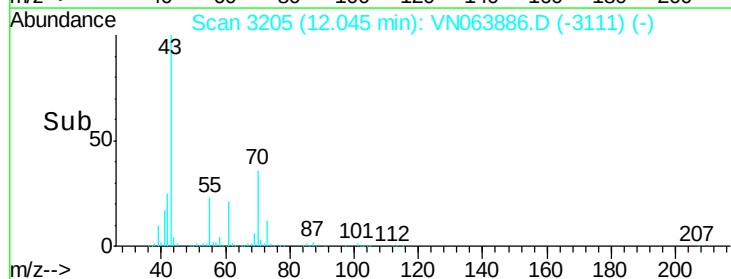
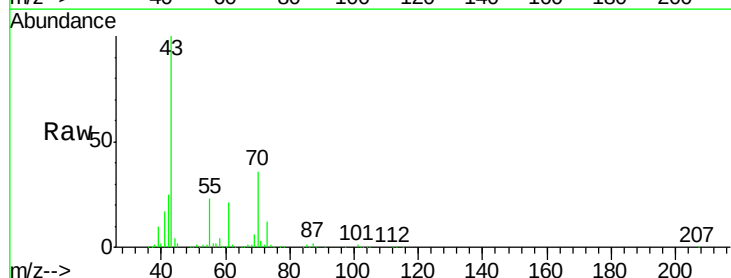
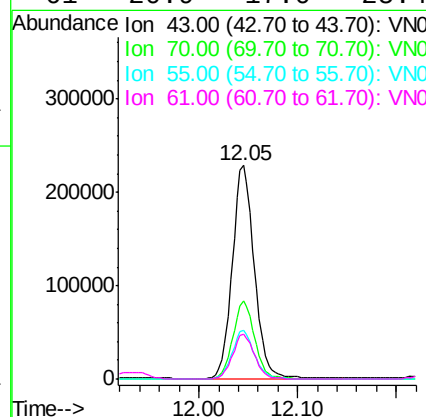
Manual Integrations
APPROVED

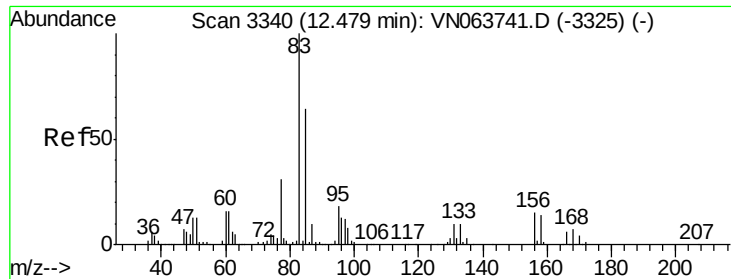
MMDadoda
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#74
N-ethyl acetate
Concen: 48.637 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.1	29.8	44.8
55	23.2	17.9	26.9
61	20.9	17.0	25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.902 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

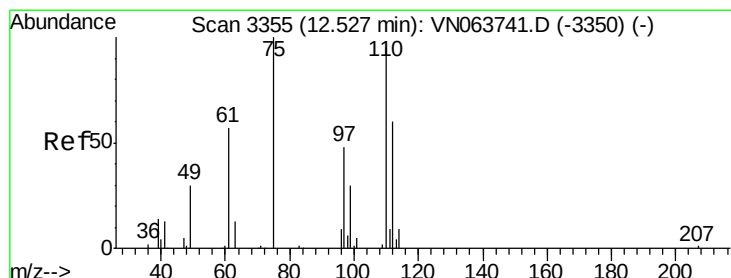
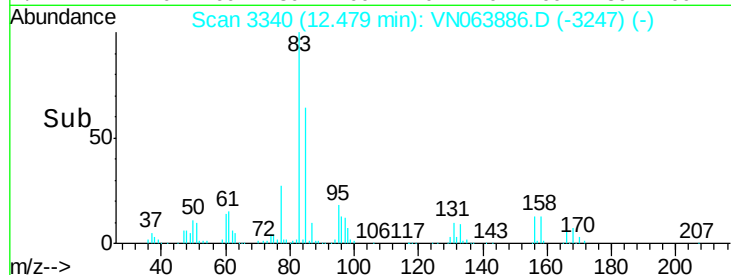
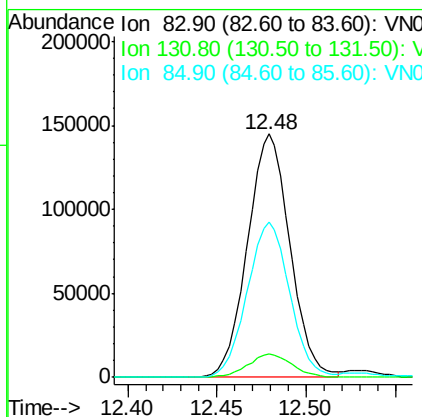
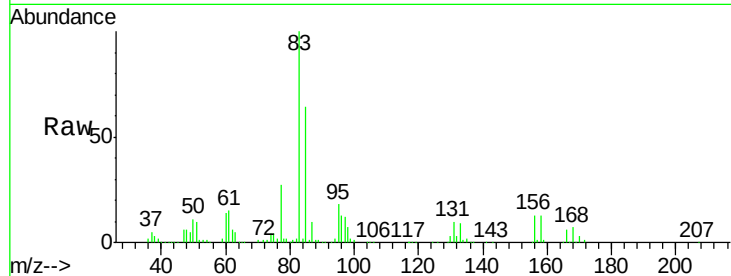
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	241642
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.3	15.8
85	63.8	31.3	93.8

Manual Integrations
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10/6/2020 12:57:10 PM



#76

1,2,3-Trichloropropane

Concen: 47.919 ug/l m

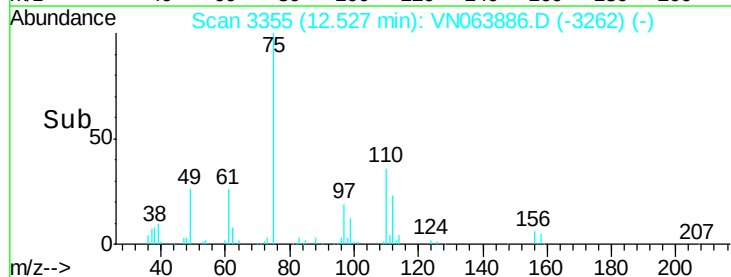
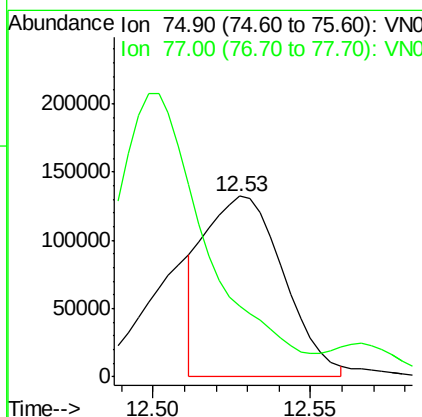
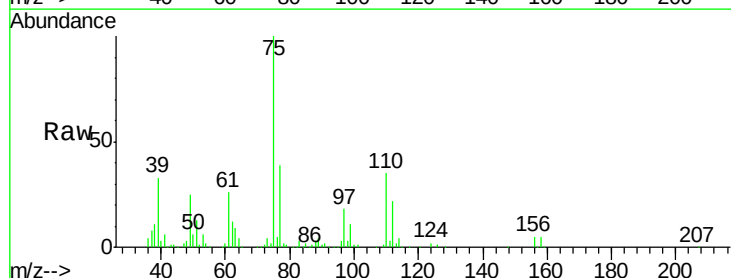
RT: 12.53 min Scan# 3355

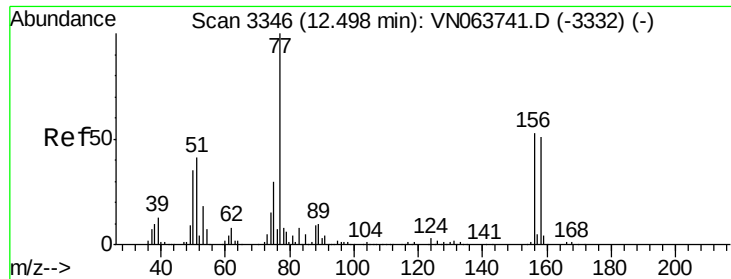
Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Tgt Ion:	75	Resp:	229330
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.668 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion:156 Resp: 196877

Ion Ratio Lower Upper

156 100

77 219.0 110.9 332.7

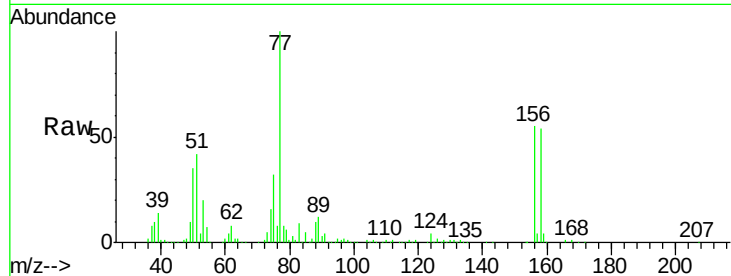
158 96.7 47.7 143.1

Manual Integrations

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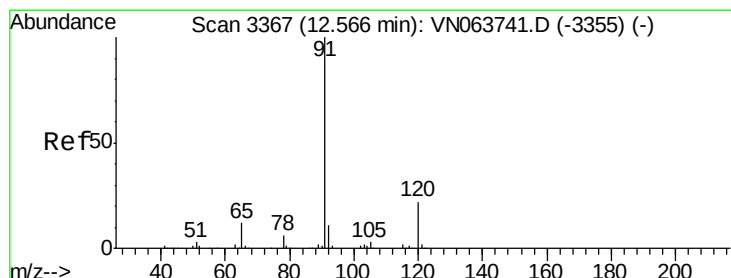
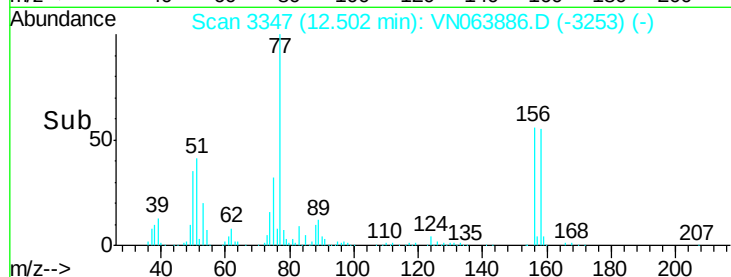
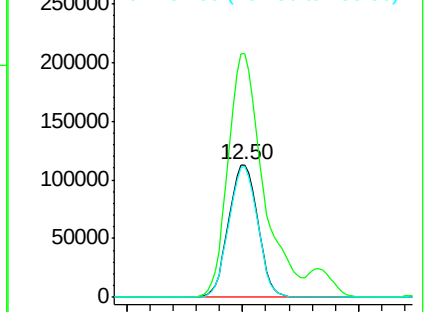
10/6/2020 12:57:10 PM



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: 48.555 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063886.D

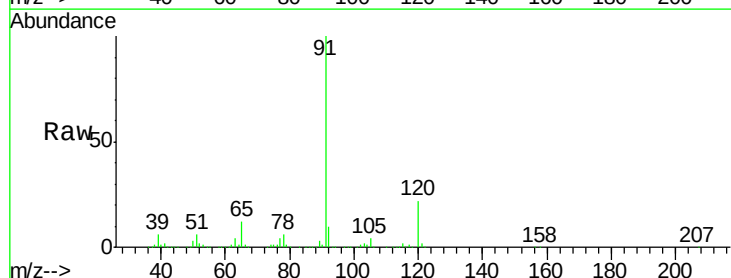
Acq: 5 Oct 2020 21:20

Tgt Ion: 91 Resp: 894828

Ion Ratio Lower Upper

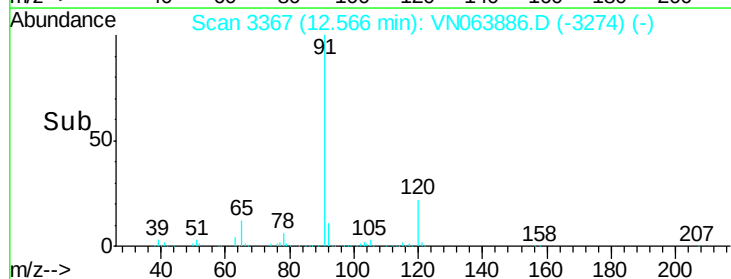
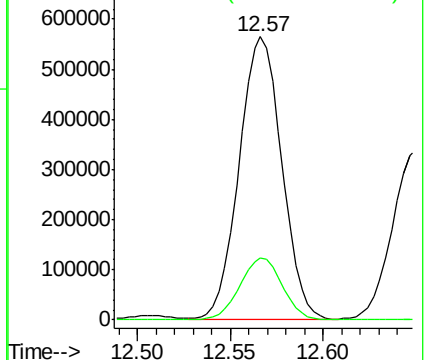
91 100

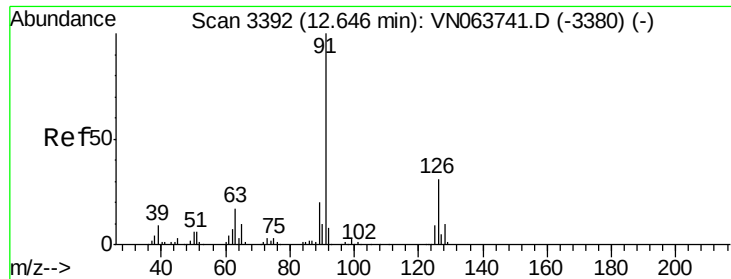
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.249 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 558199

Ion Ratio Lower Upper

91 100

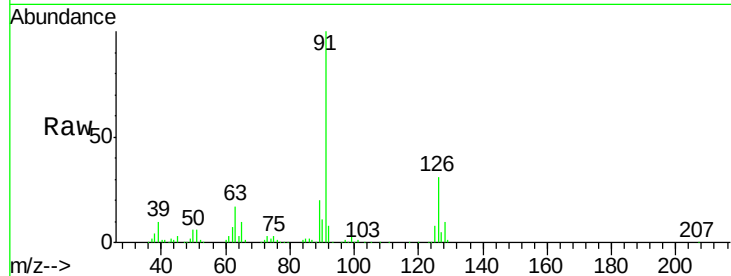
126 31.6 15.9 47.7

Manual Integrations

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

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

600000

500000

400000

300000

200000

100000

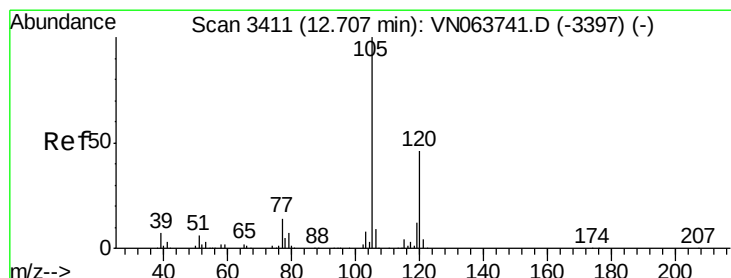
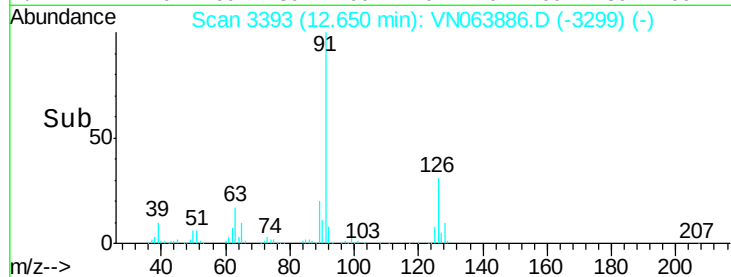
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.822 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063886.D

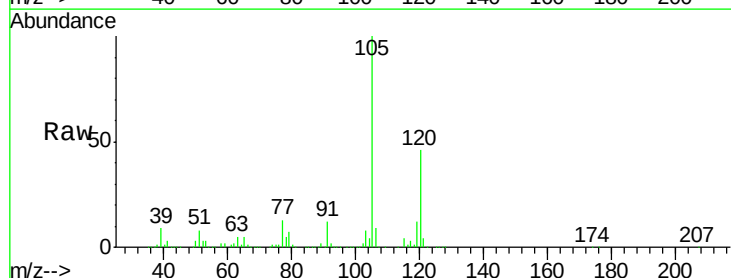
Acq: 5 Oct 2020 21:20

Tgt Ion: 105 Resp: 661880

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.9



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

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

500000

400000

300000

200000

100000

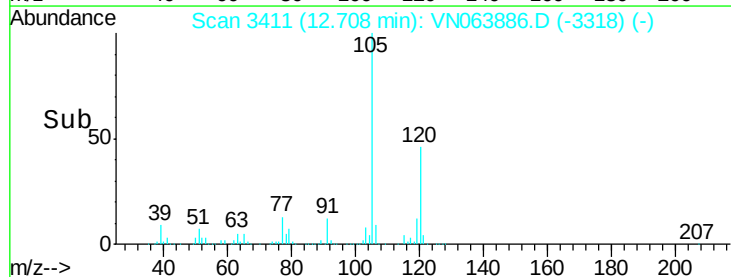
0

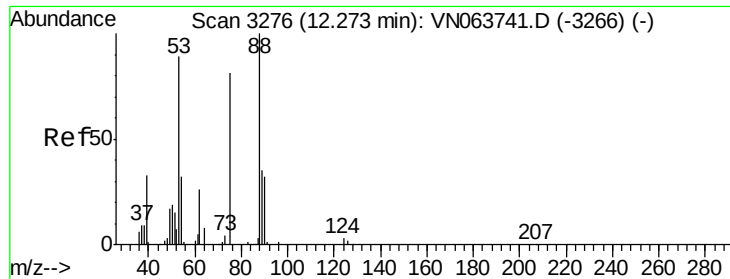
12.60

12.70

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.385 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 77076

Ion Ratio Lower Upper

75 100

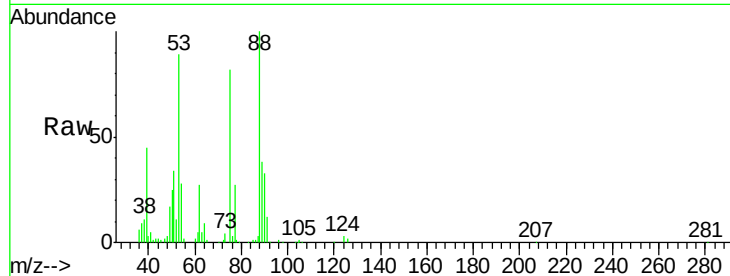
53 115.8 88.2 132.2

89 47.7 36.0 54.0

Manual Integrations
APPROVED

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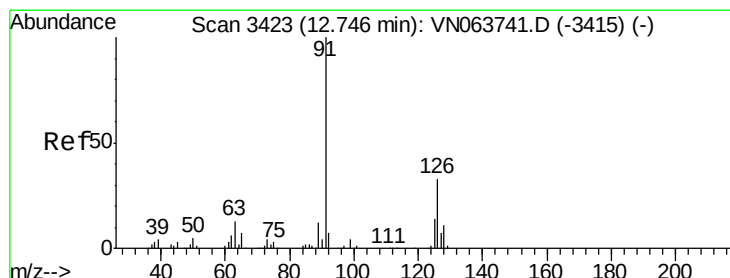
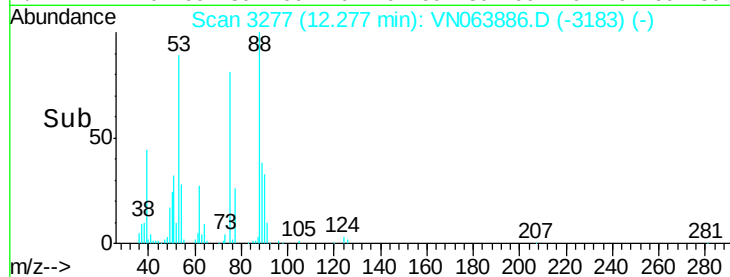
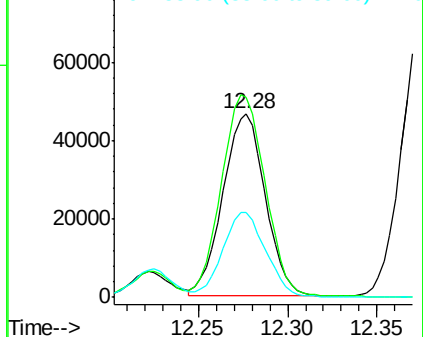
10/6/2020 12:57:10 PM



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063741.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063741.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 49.533 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063886.D

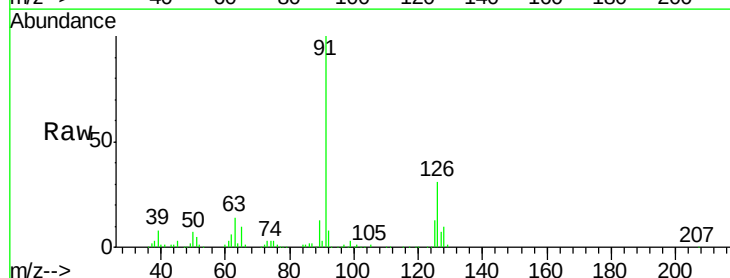
Acq: 5 Oct 2020 21:20

Tgt Ion: 91 Resp: 582818

Ion Ratio Lower Upper

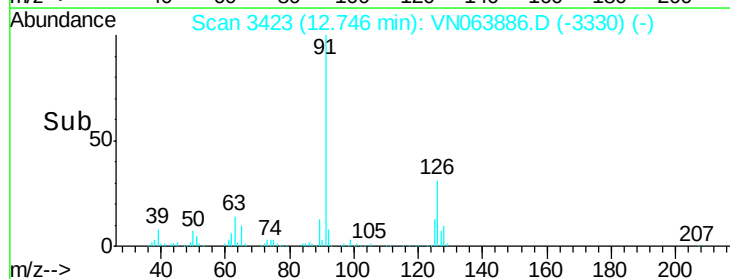
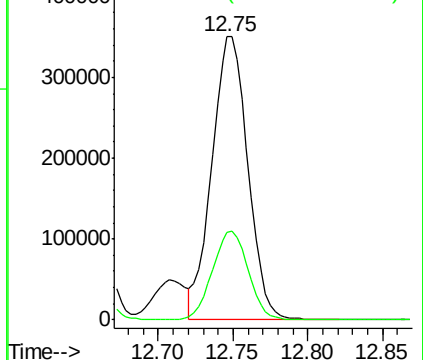
91 100

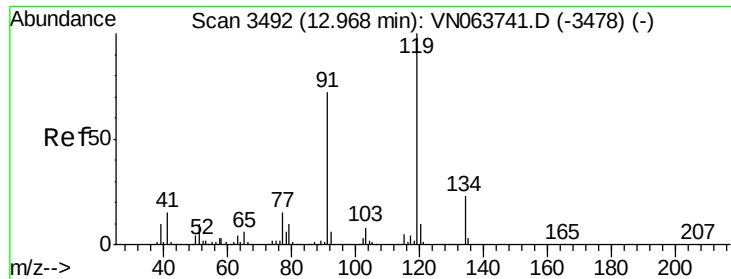
126 31.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3415) (-)





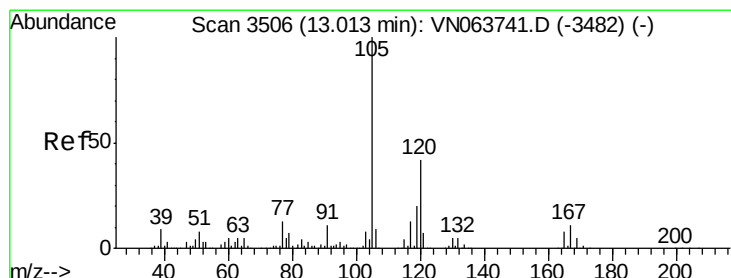
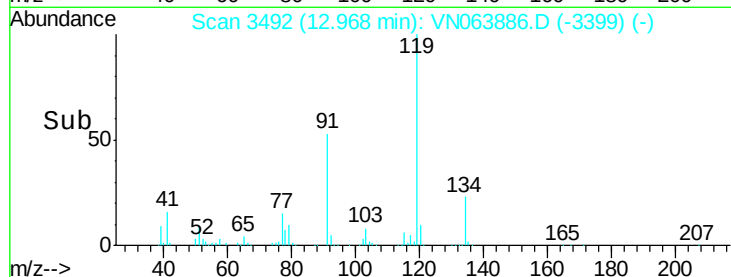
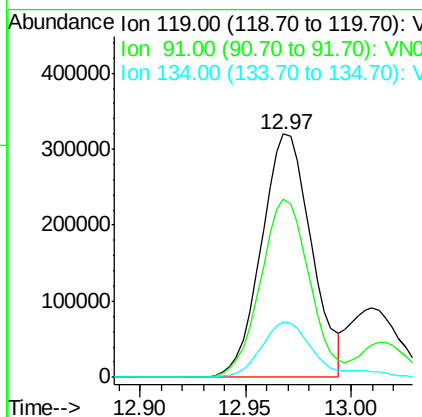
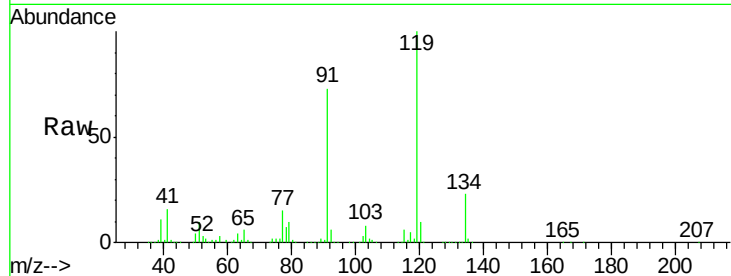
#83
tert-Butylbenzene
Concen: 48.522 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.7	35.5	106.5
134	24.8	11.7	35.1

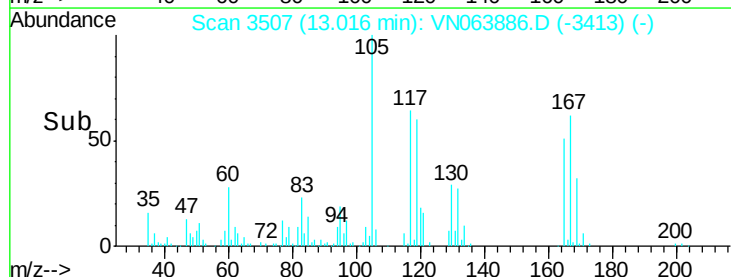
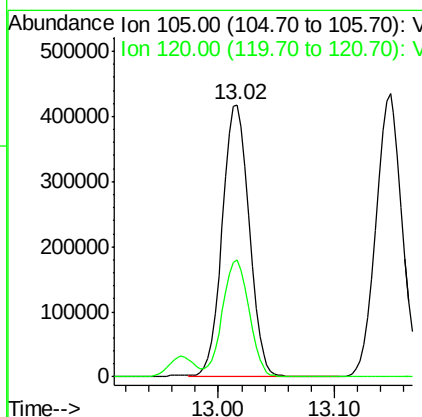
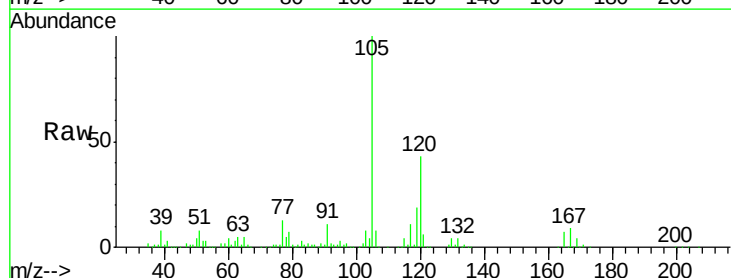
Manual Integrations
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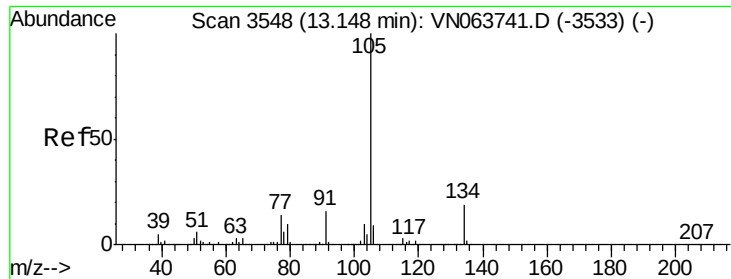
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.473 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.5	20.9	62.7





#85

sec-Butylbenzene

Concen: 48.028 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 685501

Ion Ratio Lower Upper

105 100

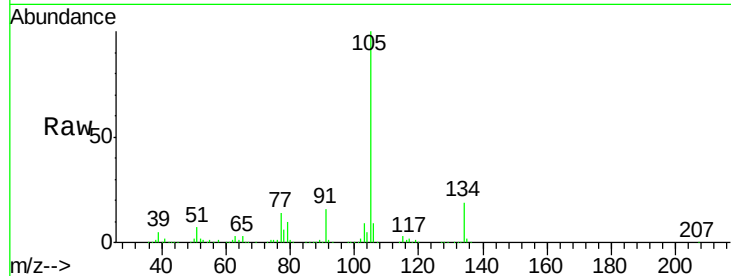
134 19.0 9.5 28.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

400000

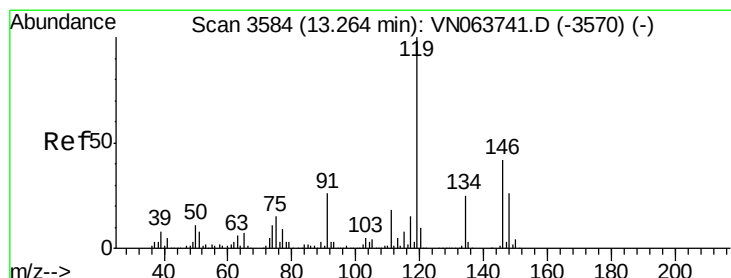
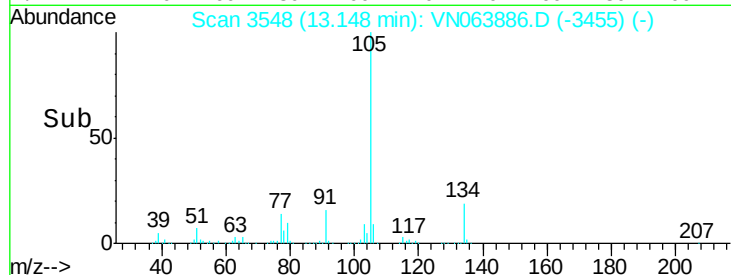
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.235 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

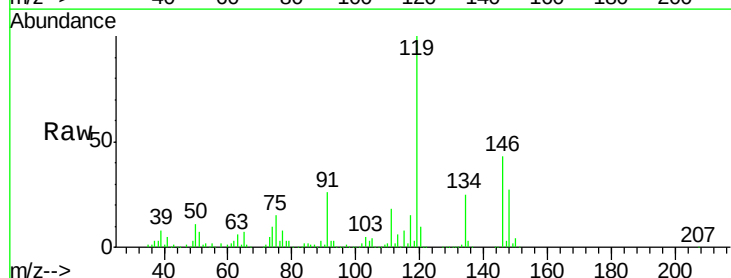
Tgt Ion:119 Resp: 621673

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 26.1 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

400000

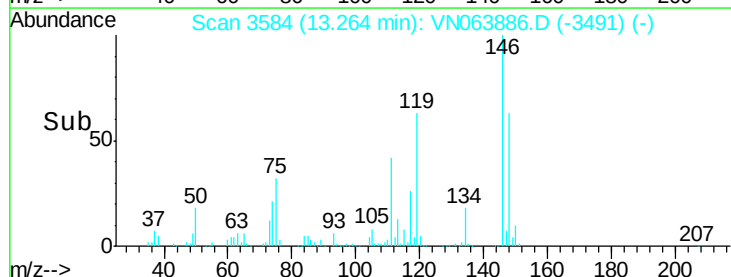
300000

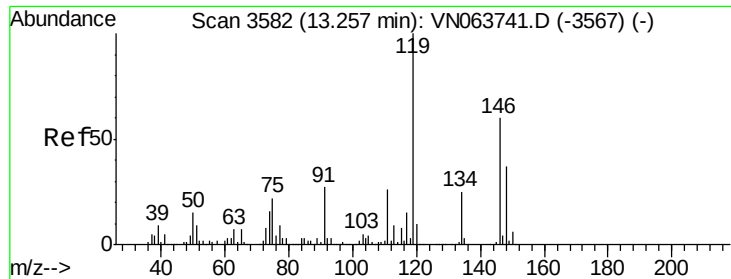
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.816 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Instrument :

MSVOA_N

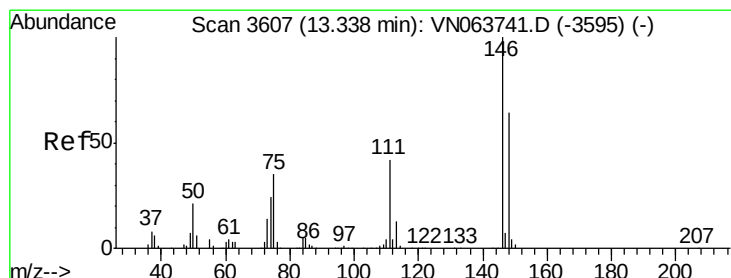
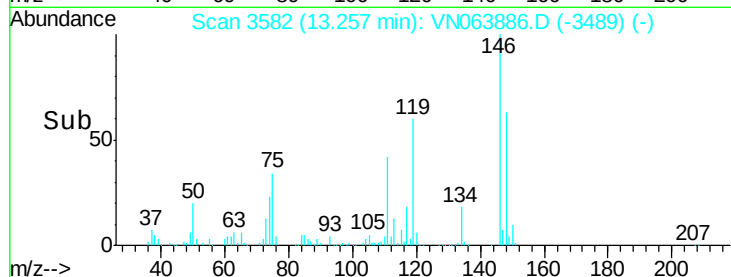
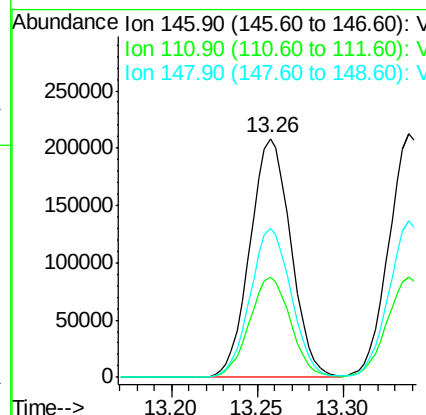
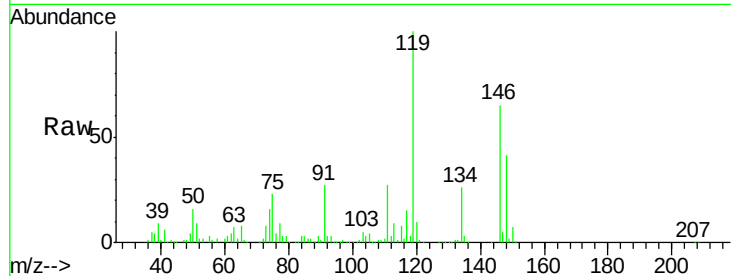
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	343153
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.5	64.5
148	62.7	31.1	93.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.457 ug/l

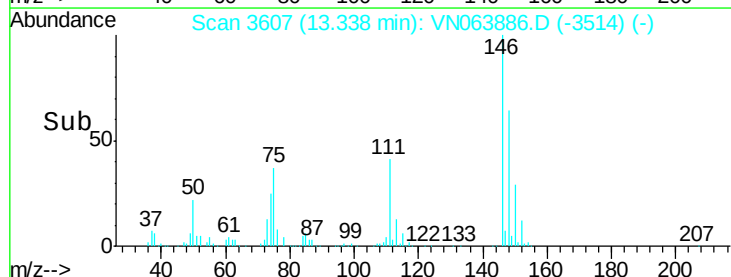
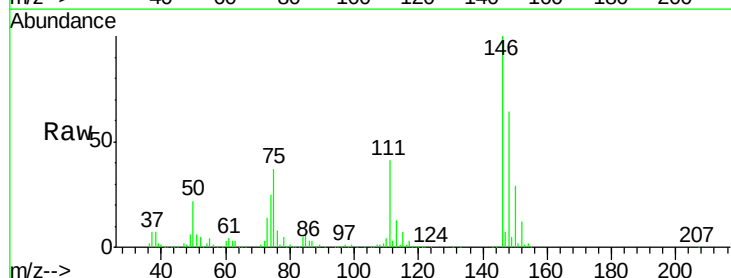
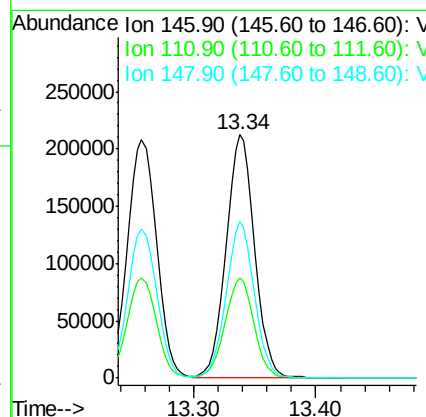
RT: 13.34 min Scan# 3607

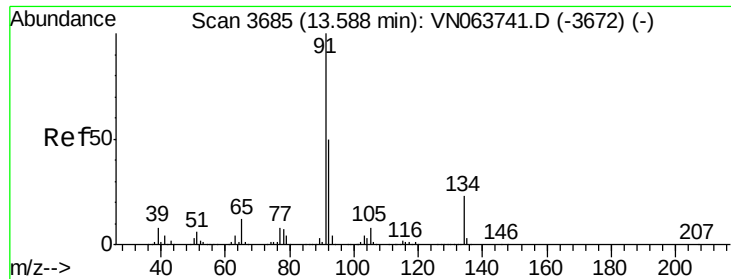
Delta R.T. 0.00 min

Lab File: VN063886.D

Acq: 5 Oct 2020 21:20

Tgt Ion:	146	Resp:	347349
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.3	63.7
148	63.8	32.0	96.0





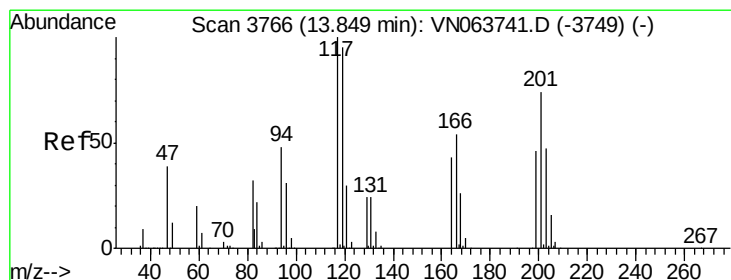
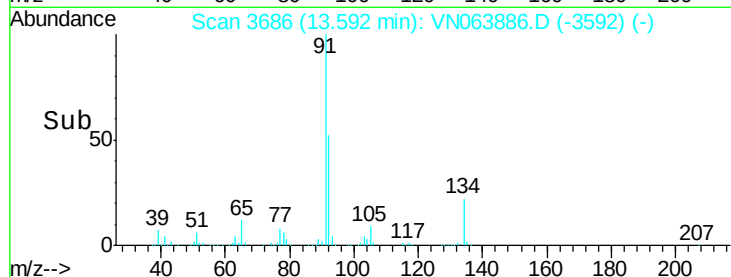
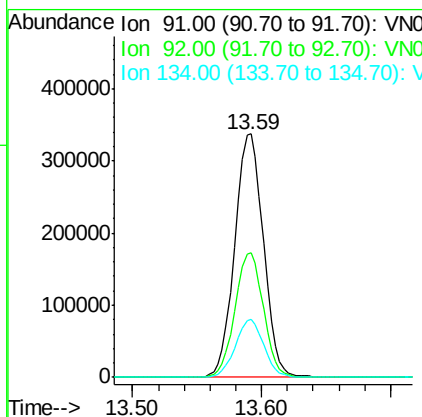
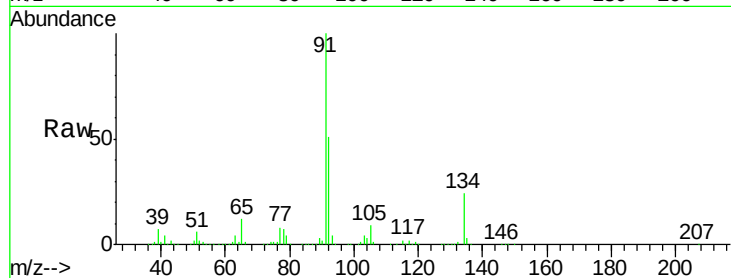
#89
n-Butylbenzene
Concen: 44.895 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.4	76.4
134	23.3	11.7	35.1

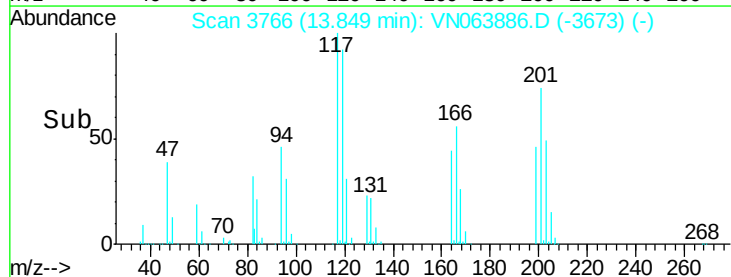
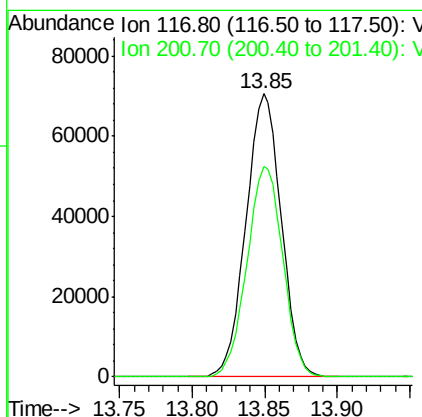
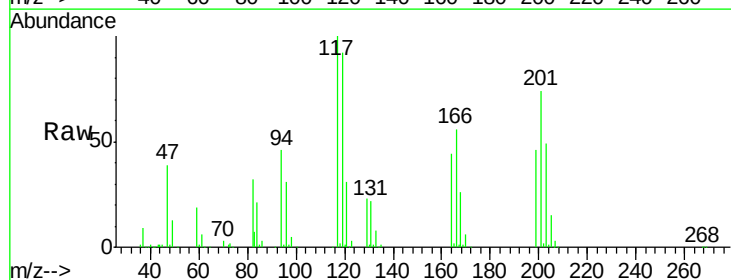
Manual Integrations
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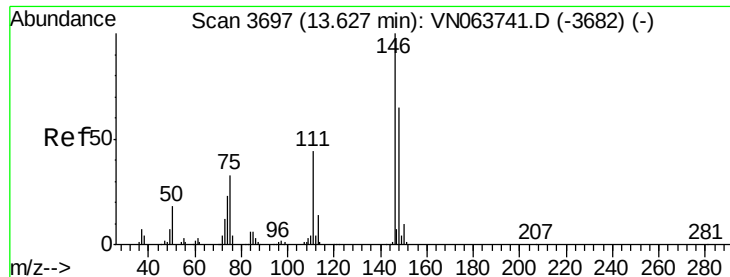
MMDadoda
10/6/2020 12:57:10 PM



#90
Hexachloroethane
Concen: 48.869 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.4	36.0	108.0





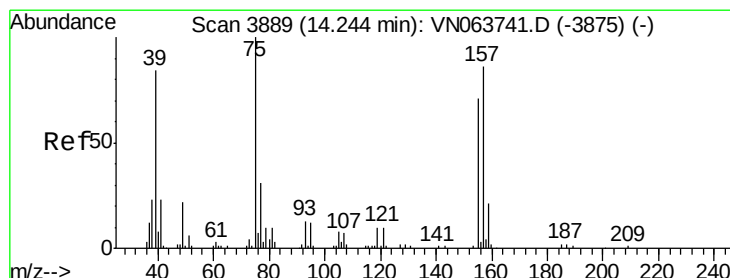
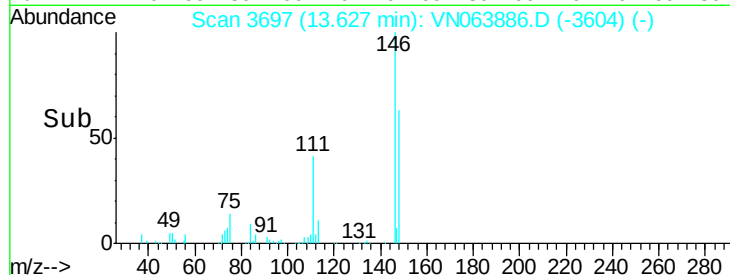
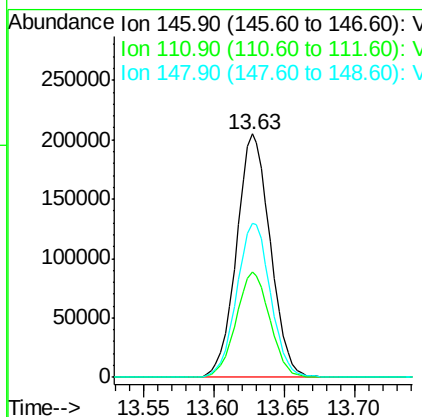
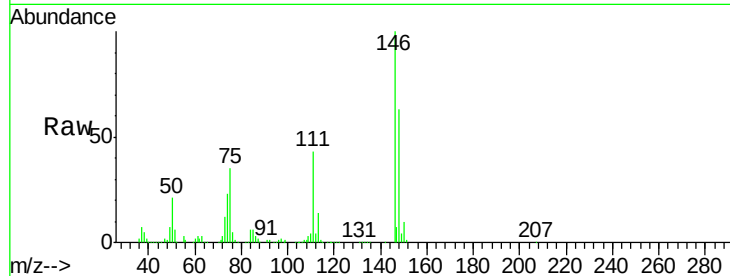
#91
 1,2-Dichlorobenzene
 Concen: 49.349 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.4	22.2	66.6	
148	63.6	32.5	97.4	

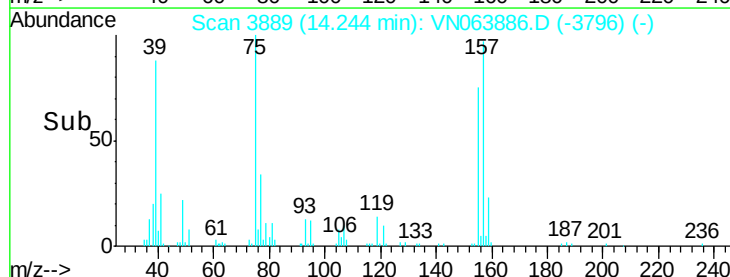
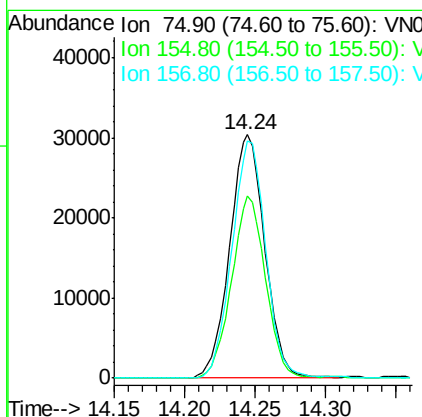
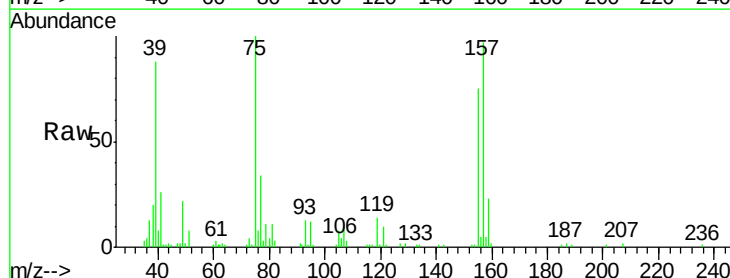
Manual Integrations
 APPROVED

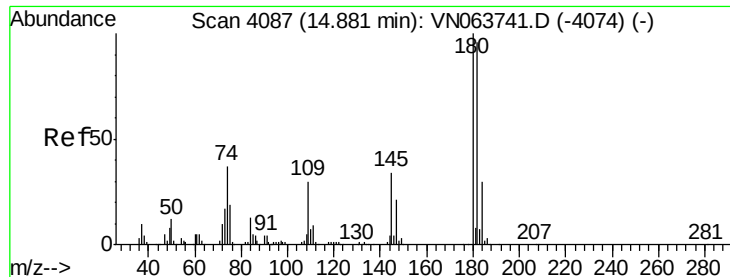
MMDadoda
 10/6/2020 12:57:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.581 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	72.2	34.8	104.5	
157	93.7	43.7	131.1	





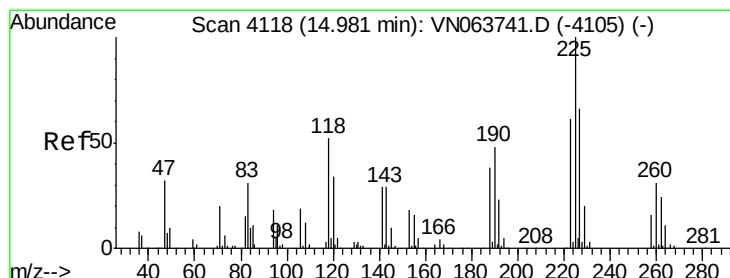
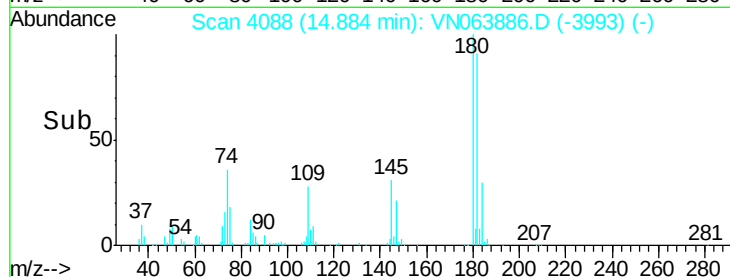
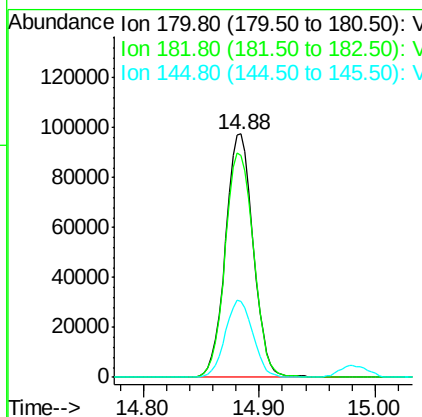
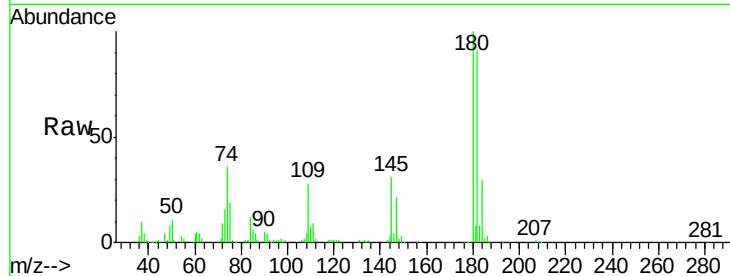
#93
 1,2,4-Trichlorobenzene
 Concen: 42.862 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.2	144.6
145	31.8	17.1	51.2

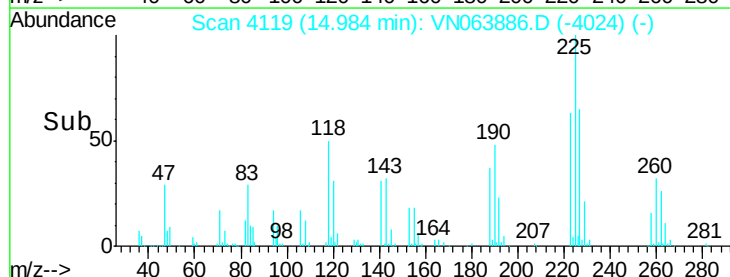
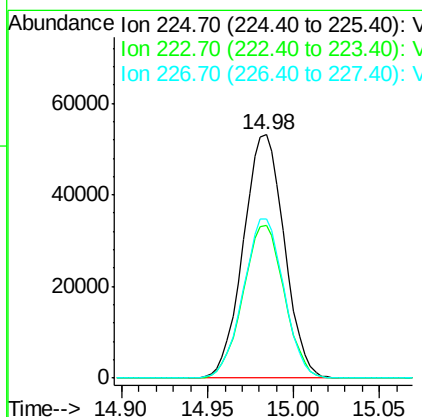
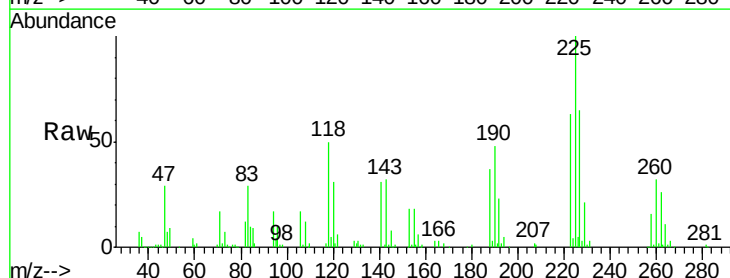
Manual Integrations
 APPROVED

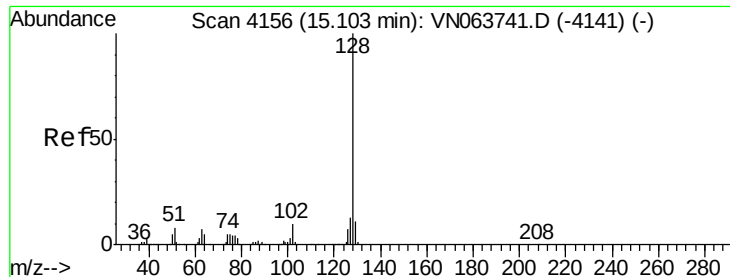
MMDadoda
 10/6/2020 12:57:10 PM



#94
 Hexachlorobutadiene
 Concen: 46.528 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063886.D
 Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.3	91.0
227	64.7	31.9	95.5





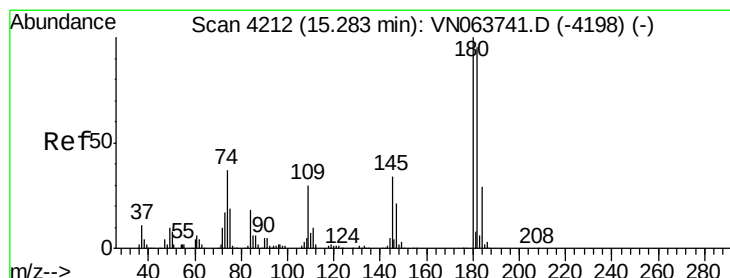
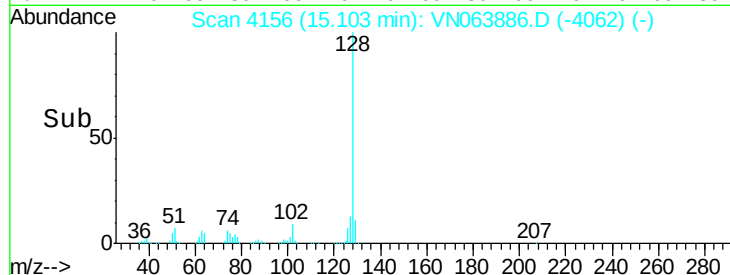
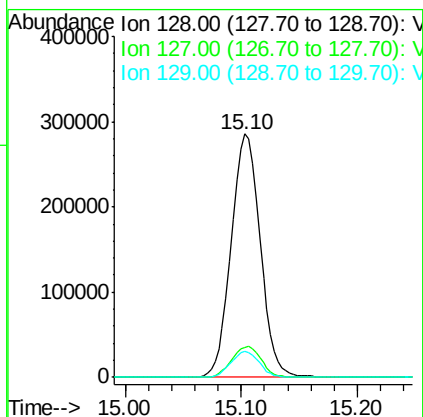
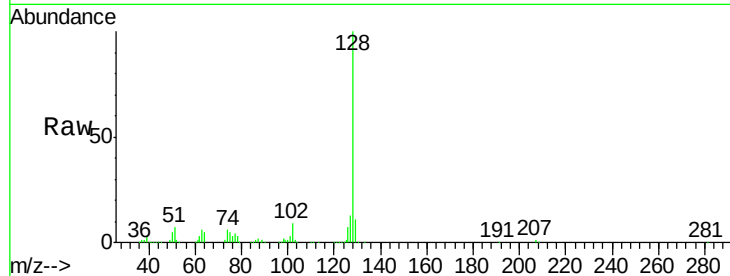
#95
Naphthalene
Concen: 42.497 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	494306		
127	13.1		10.5	15.7
129	10.5		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:57:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.229 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063886.D
Acq: 5 Oct 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	157934		
182	97.8		47.9	143.6
145	33.7		17.2	51.5

