

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062658.D
 Acq On : 30 Jul 2020 9:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:56:45 AM

Quant Time: Jul 31 04:28:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	175696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	128845	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	7.54	113	88677	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	10.06	98	345664	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.37	95	132329	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98178	46.847	ug/l	97
3) Chloromethane	2.03	50	109959	38.684	ug/l	100
4) Vinyl Chloride	2.16	62	100616	40.832	ug/l	99
5) Bromomethane	2.51	94	52807	48.384	ug/l	96
6) Chloroethane	2.66	64	55888	50.140	ug/l	97
7) Trichlorofluoromethane	2.98	101	153611	53.095	ug/l	99
8) Diethyl Ether	3.37	74	52585	38.868	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	83209	44.858	ug/l	98
10) Methyl Iodide	3.91	142	116333	49.056	ug/l	96
11) Tert butyl alcohol	4.73	59	84997	195.761	ug/l	98
12) 1,1-Dichloroethene	3.69	96	78648	41.806	ug/l	98
13) Acrolein	3.56	56	73867	166.066	ug/l	100
14) Allyl chloride	4.27	41	170734	41.956	ug/l	93
15) Acrylonitrile	4.93	53	255604	219.788	ug/l	99
16) Acetone	3.77	43	304137	296.119	ug/l	98
17) Carbon Disulfide	4.00	76	257249	41.618	ug/l	99
18) Methyl Acetate	4.27	43	121481	46.721	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	325607	47.025	ug/l	98
20) Methylene Chloride	4.50	84	106531	43.246	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	94944	45.472	ug/l	99
22) Diisopropyl ether	5.90	45	355982	44.009	ug/l	97
23) Vinyl Acetate	5.84	43	1475535	222.628	ug/l	99
24) 1,1-Dichloroethane	5.79	63	197645	45.375	ug/l	99
25) 2-Butanone	6.78	43	377435	241.295	ug/l	99
26) 2,2-Dichloropropane	6.77	77	182194	50.953	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	108375	45.487	ug/l	99
28) Bromochloromethane	7.14	49	95178	44.401	ug/l	95
29) Tetrahydrofuran	7.16	42	220473	208.302	ug/l	96
30) Chloroform	7.32	83	199449	48.159	ug/l	99
31) Cyclohexane	7.61	56	172865	42.983	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	177153	51.234	ug/l	99
36) 1,1-Dichloropropene	7.75	75	150885	52.550	ug/l	99
37) Ethyl Acetate	6.88	43	142017	45.885	ug/l	100
38) Carbon Tetrachloride	7.73	117	157203	56.960	ug/l	99

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	162744	52.655	ug/l	97
40) Benzene	8.00	78	427836	49.219	ug/l	98
41) Methacrylonitrile	7.13	41	66171m	49.885	ug/l	
42) 1,2-Dichloroethane	8.08	62	172543	54.294	ug/l	98
43) Isopropyl Acetate	8.12	43	239387	47.979	ug/l	99
44) Trichloroethene	8.80	130	99007	50.507	ug/l	99
45) 1,2-Dichloropropane	9.08	63	116905	47.900	ug/l	100
46) Dibromomethane	9.17	93	72662	51.511	ug/l	97
47) Bromodichloromethane	9.37	83	160663	52.572	ug/l	98
48) Methyl methacrylate	9.16	41	116121	48.959	ug/l	99
49) 1,4-Dioxane	9.17	88	33272	913.357	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	730052	244.543	ug/l	99
52) Toluene	10.12	92	264459	52.394	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	181033	53.213	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	189318	51.861	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	102224	52.212	ug/l	96
56) Ethyl methacrylate	10.40	69	162991	46.491	ug/l	97
57) 1,3-Dichloropropane	10.68	76	182057	50.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	248994	236.015	ug/l	100
59) 2-Hexanone	10.72	43	569560	246.730	ug/l	100
60) Dibromochloromethane	10.87	129	120273	55.066	ug/l	100
61) 1,2-Dibromoethane	10.98	107	101746	49.907	ug/l	98
64) Tetrachloroethene	10.60	164	87129	52.214	ug/l	97
65) Chlorobenzene	11.40	112	272169	50.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	106955	52.803	ug/l	98
67) Ethyl Benzene	11.48	91	515664	52.234	ug/l	99
68) m/p-Xylenes	11.59	106	385291	108.584	ug/l	100
69) o-Xylene	11.92	106	178339	52.928	ug/l	98
70) Styrene	11.94	104	314116	55.187	ug/l	99
71) Bromoform	12.10	173	83502	54.905	ug/l #	98
73) Isopropylbenzene	12.22	105	503981	50.195	ug/l	99
74) N-amyl acetate	12.04	43	213071	47.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	153425	43.974	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	146187m	45.230	ug/l	
77) Bromobenzene	12.50	156	113891	47.201	ug/l	97
78) n-propylbenzene	12.56	91	598075	50.853	ug/l	99
79) 2-Chlorotoluene	12.65	91	357224	49.286	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	443220	53.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	55840	48.095	ug/l	97
82) 4-Chlorotoluene	12.75	91	375322	49.749	ug/l	99
83) tert-Butylbenzene	12.97	119	361887	52.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	442320	54.138	ug/l	97
85) sec-Butylbenzene	13.15	105	491837	53.122	ug/l	100
86) p-Isopropyltoluene	13.26	119	445445	55.939	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	212570	50.202	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	209745	50.320	ug/l	99
89) n-Butylbenzene	13.59	91	374360	54.713	ug/l	99
90) Hexachloroethane	13.85	117	84315	49.738	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	205902	50.856	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31922	50.392	ug/l	96

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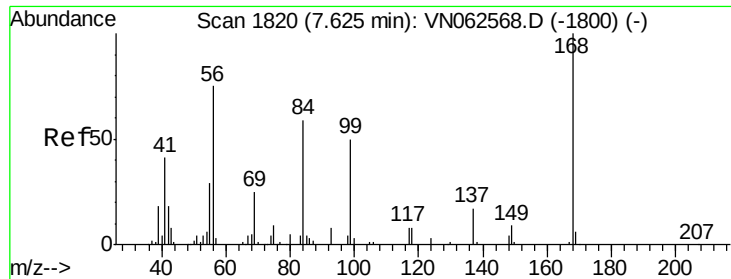
Manual Integrations
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MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	99997	47.161	ug/l	98
94) Hexachlorobutadiene	14.98	225	67854	62.055	ug/l	99
95) Naphthalene	15.10	128	237930	42.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	99402	52.097	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 175696

Ion Ratio Lower Upper

168 100

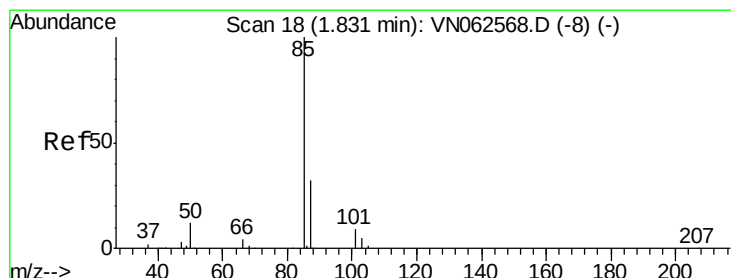
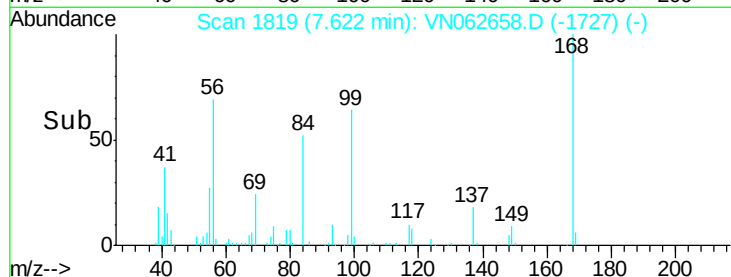
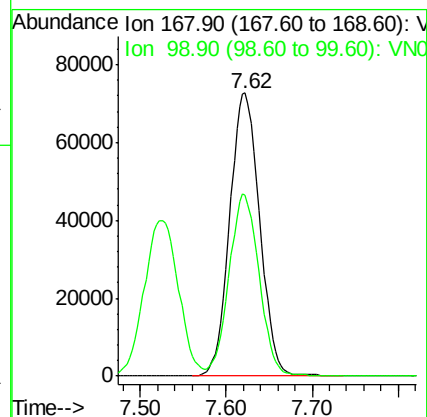
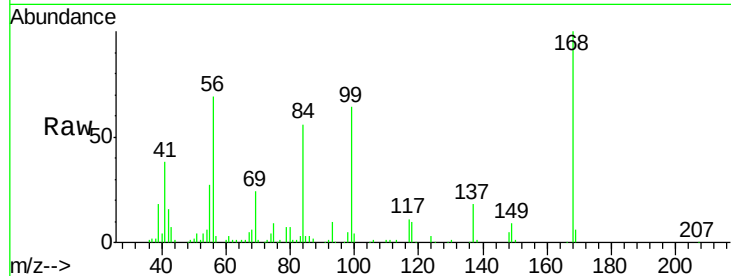
99 63.7 48.4 72.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.847 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062658.D

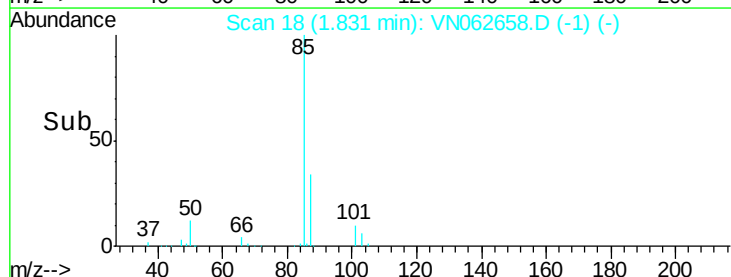
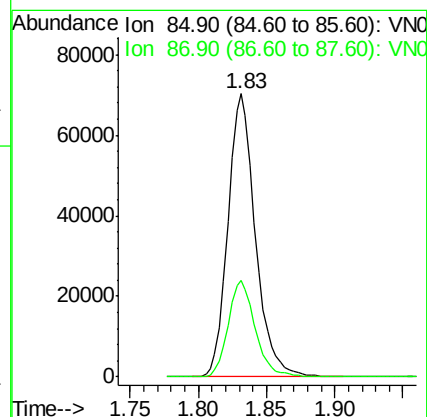
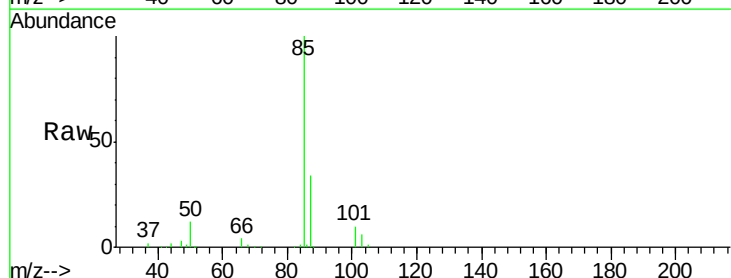
Acq: 30 Jul 2020 9:16

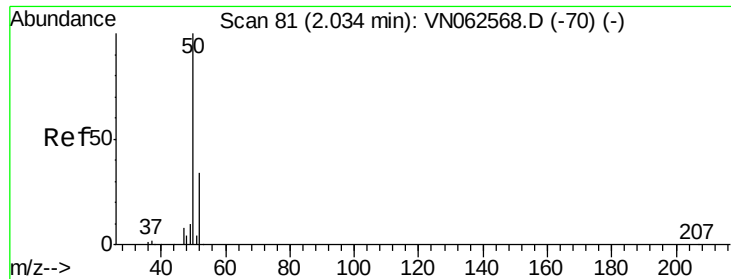
Tgt Ion: 85 Resp: 98178

Ion Ratio Lower Upper

85 100

87 33.9 16.0 48.0





#3

Chloromethane

Concen: 38.684 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 109959

Ion Ratio Lower Upper

50 100

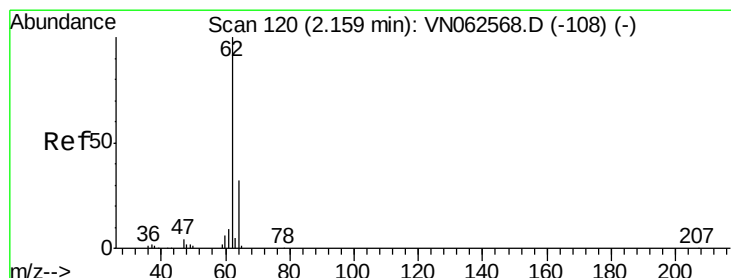
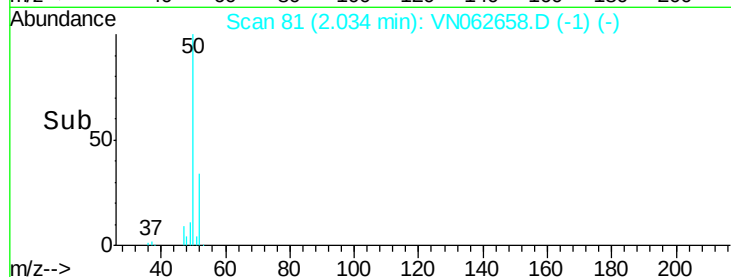
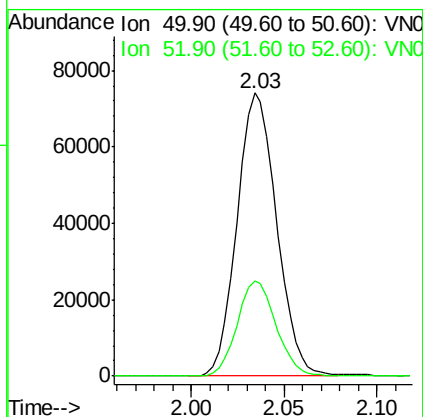
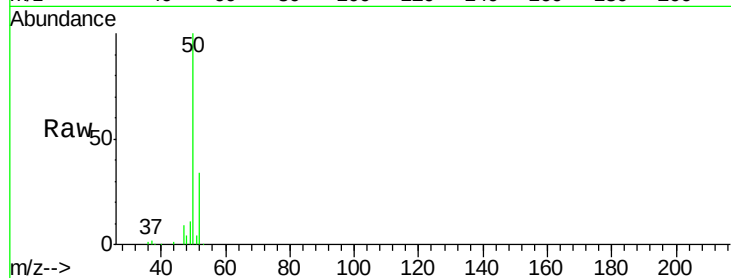
52 33.8 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.832 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062658.D

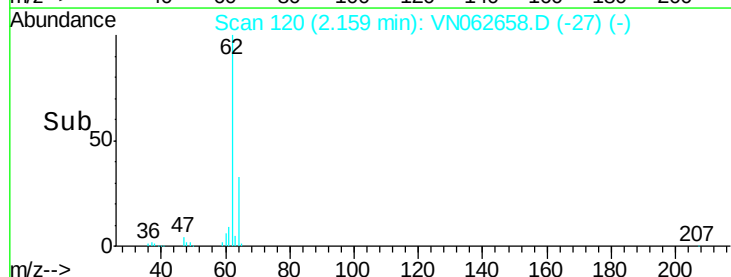
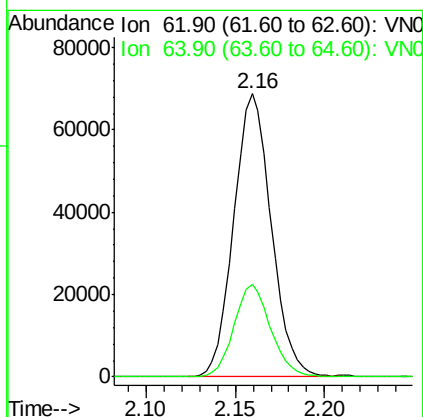
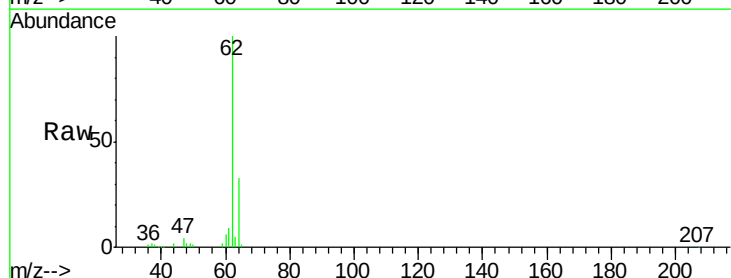
Acq: 30 Jul 2020 9:16

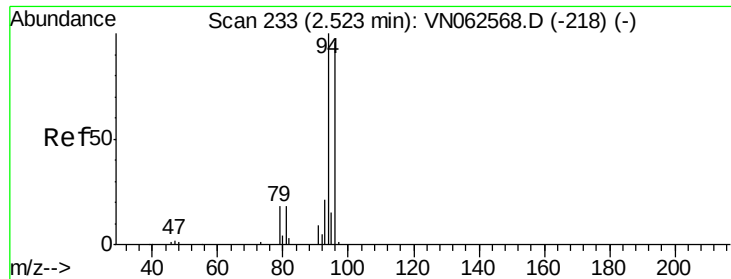
Tgt Ion: 62 Resp: 100616

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 48.384 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 52807

Ion Ratio Lower Upper

94 100

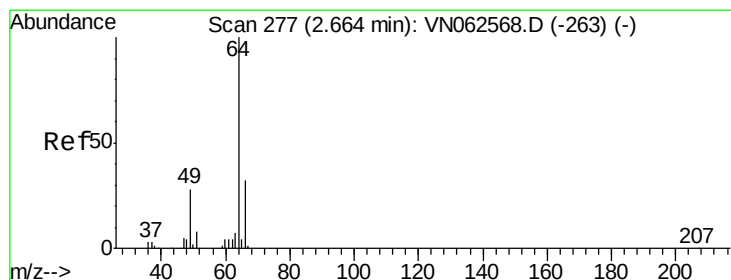
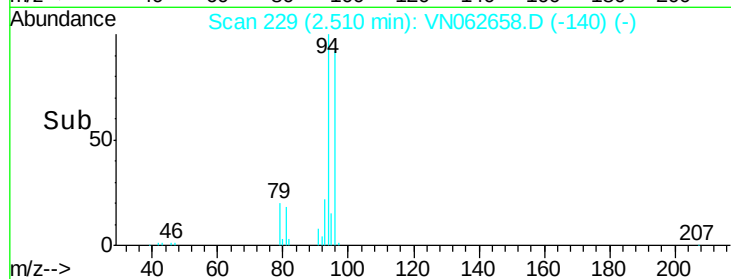
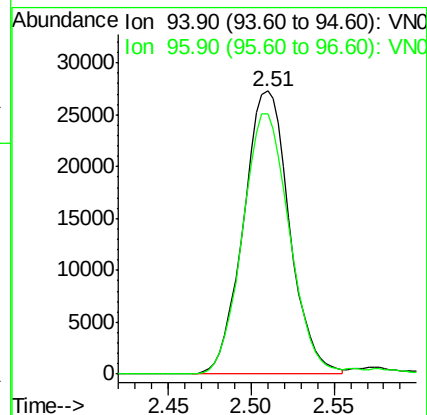
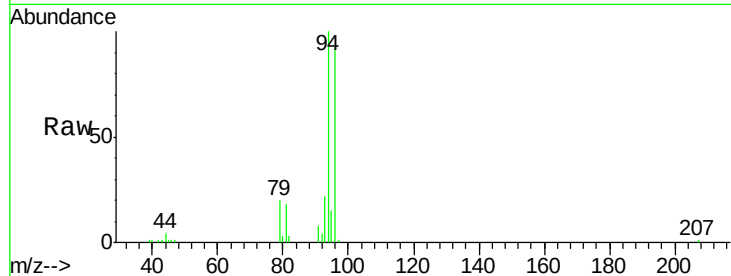
96 92.1 76.6 114.8

Manual Integrations

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#6

Chloroethane

Concen: 50.140 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062658.D

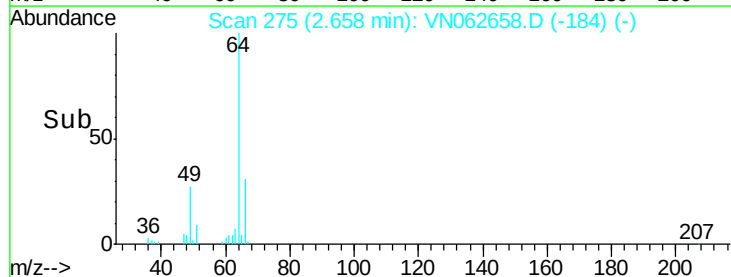
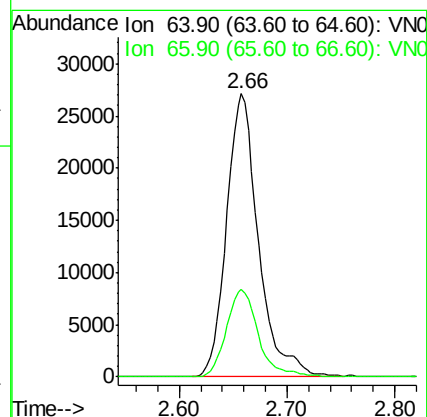
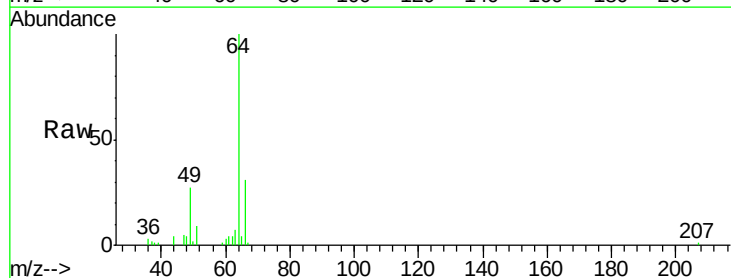
Acq: 30 Jul 2020 9:16

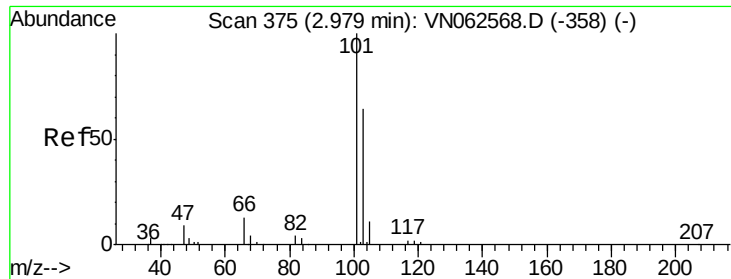
Tgt Ion: 64 Resp: 55888

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.8





#7

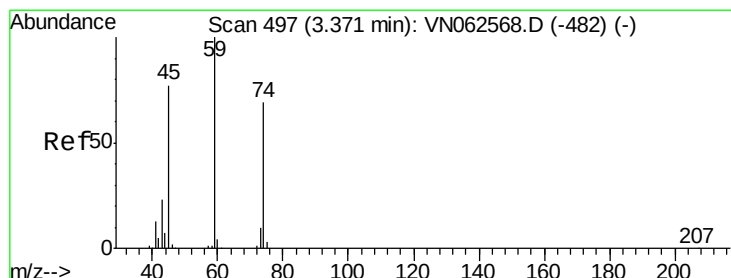
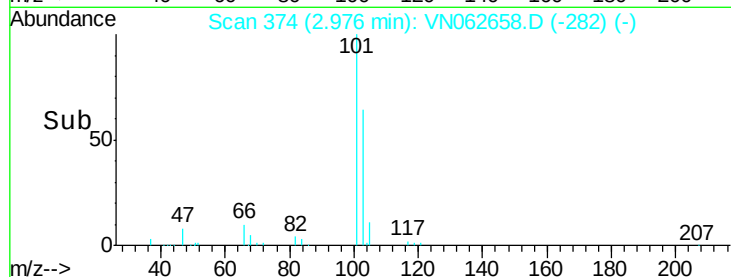
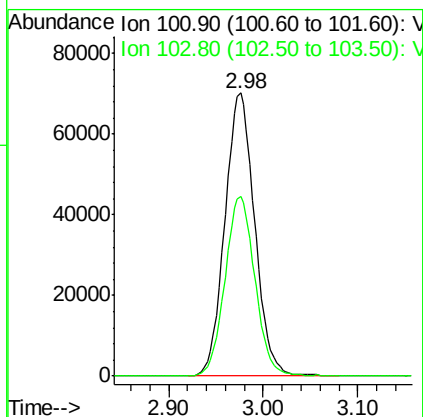
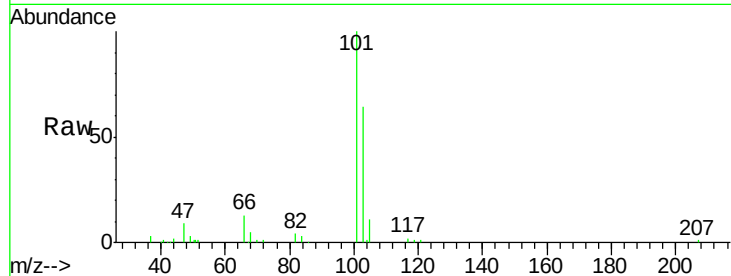
Trichlorofluoromethane
Concen: 53.095 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	153611		
103	63.5	51.5	77.3	

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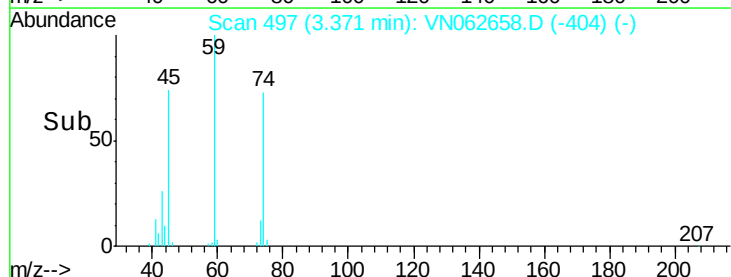
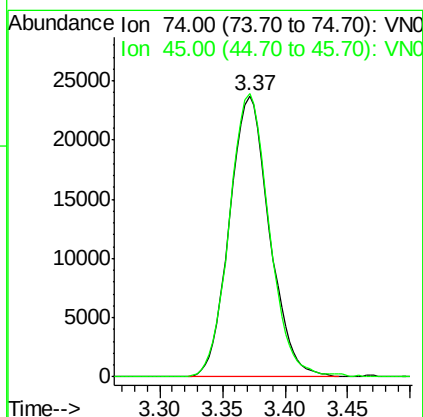
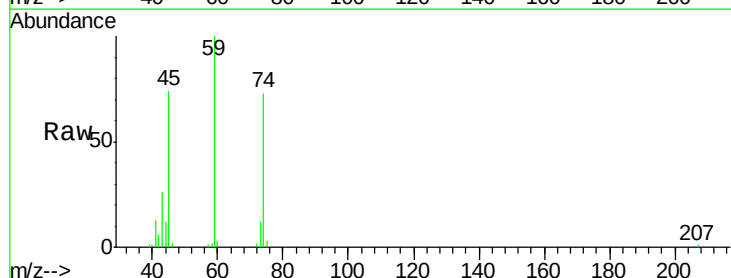
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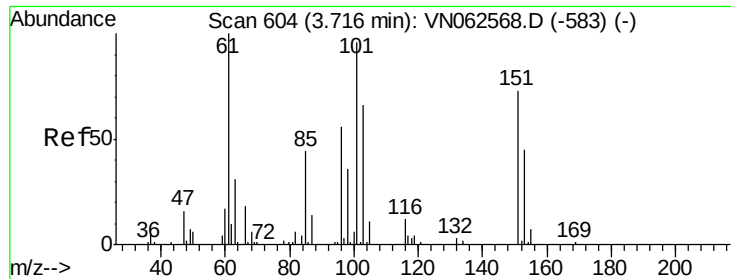


#8

Diethyl Ether
Concen: 38.868 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	52585		
45	100.8	55.3	165.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.858 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

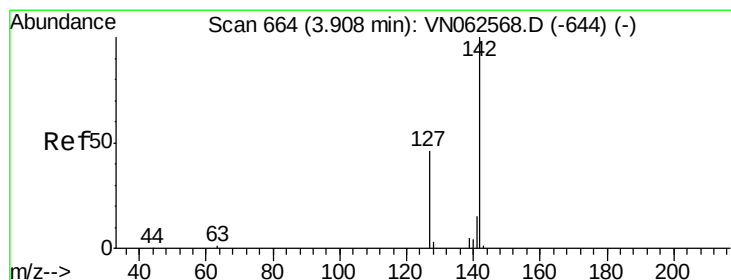
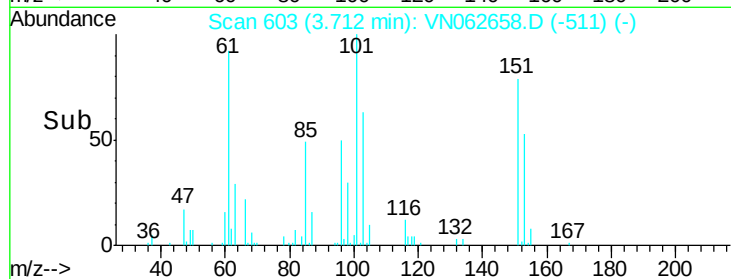
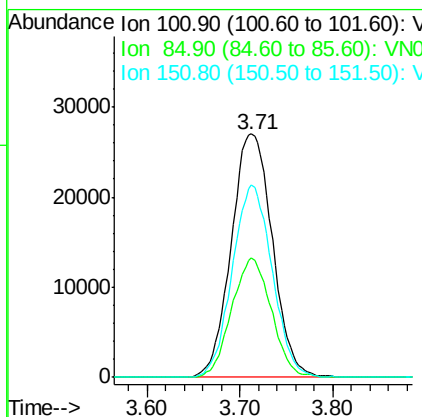
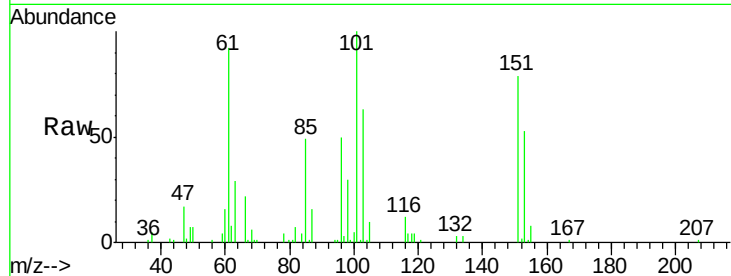
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	83209
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.0	54.0
151	76.5	60.0	90.0

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#10

Methyl Iodide

Concen: 49.056 ug/l

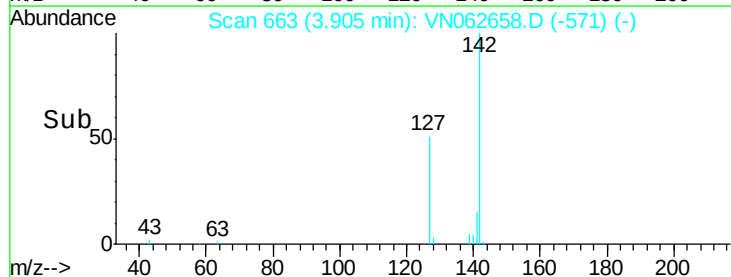
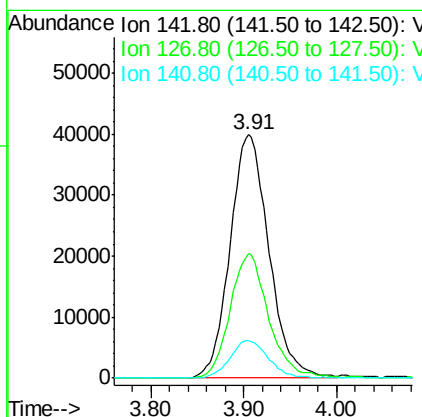
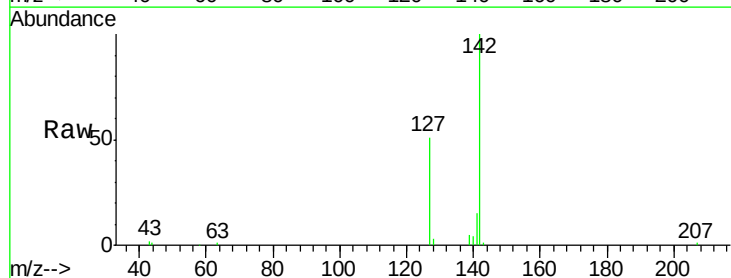
RT: 3.91 min Scan# 663

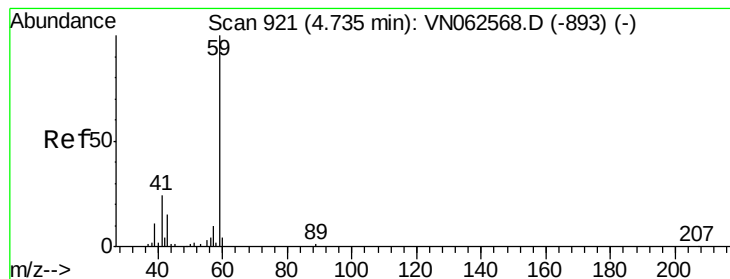
Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion:	142	Resp:	116333
Ion Ratio	Lower	Upper	
142	100		
127	50.5	37.4	56.0
141	15.1	11.9	17.9





#11

Tert butyl alcohol

Concen: 195.761 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062568.D

Acq: 30 Jul 2020 9:16

Tot Ion: 59 Resp: 84997

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2

Instrument :

MSVOA_N

ClientSampleId :

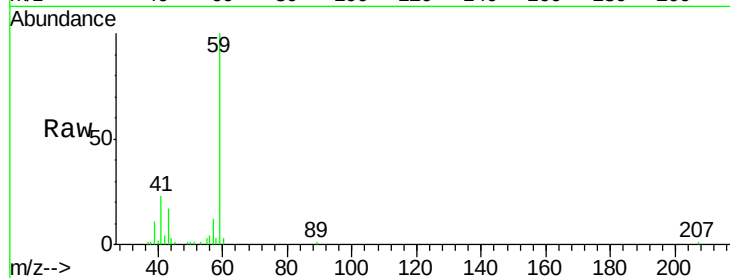
VSTDCCC050

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Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

25000

20000

15000

10000

5000

0

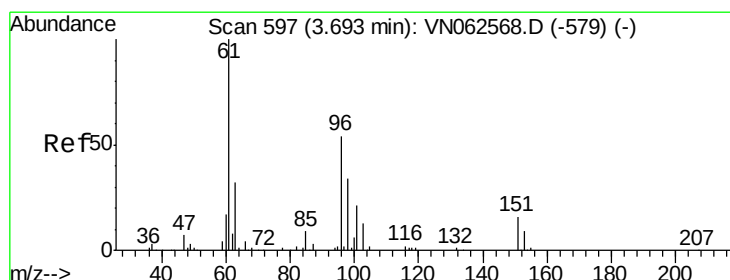
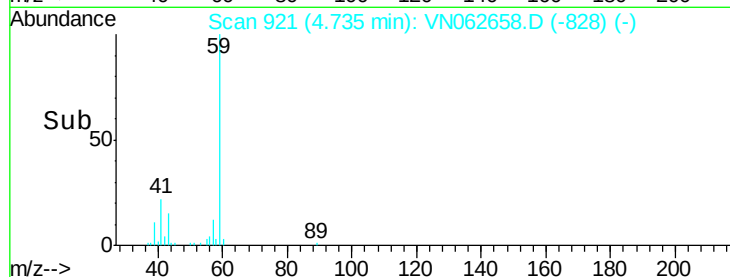
4.60

4.70

4.80

4.90

Time-->



#12

1,1-Dichloroethene

Concen: 41.806 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.00 min

Lab File: VN062568.D

Acq: 30 Jul 2020 9:16

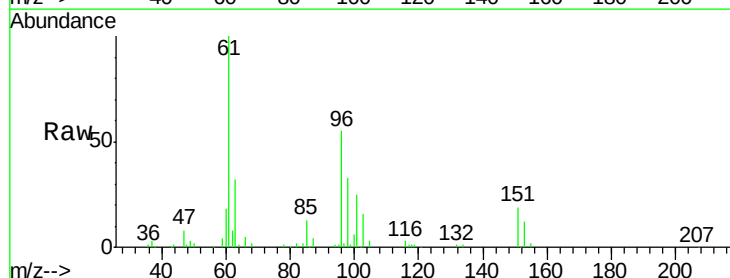
Tgt Ion: 96 Resp: 78648

Ion Ratio Lower Upper

96 100

61 183.1 148.6 222.8

98 61.1 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

80000

60000

40000

20000

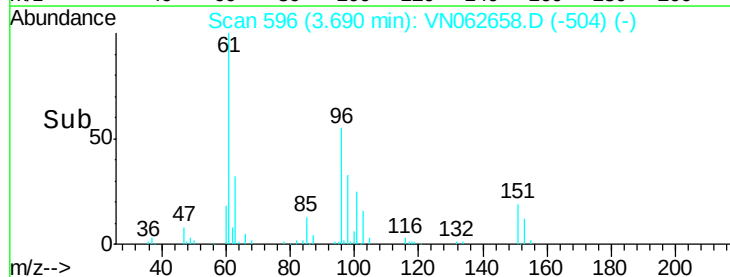
0

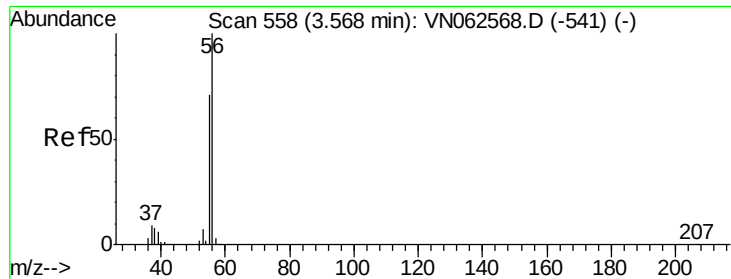
3.60

3.70

3.80

Time-->





#13

Acrolein

Concen: 166.066 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 73867

Ion Ratio Lower Upper

56 100

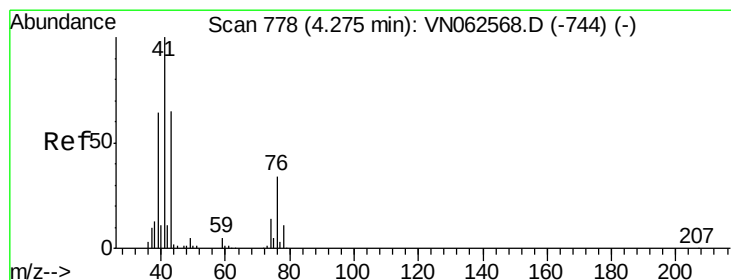
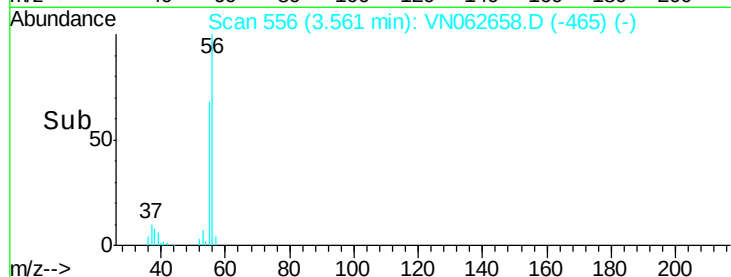
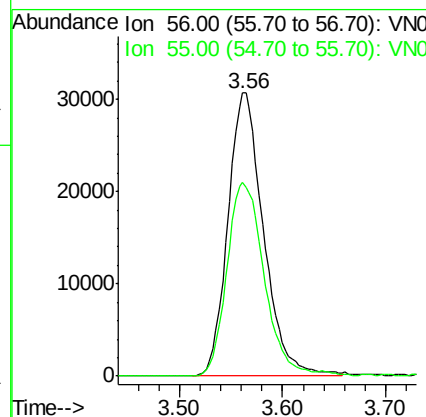
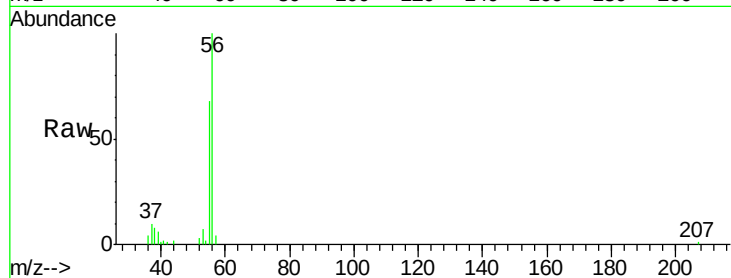
55 70.9 57.0 85.4

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#14

Allyl chloride

Concen: 41.956 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

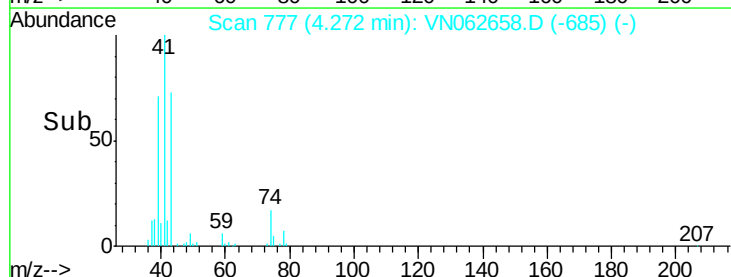
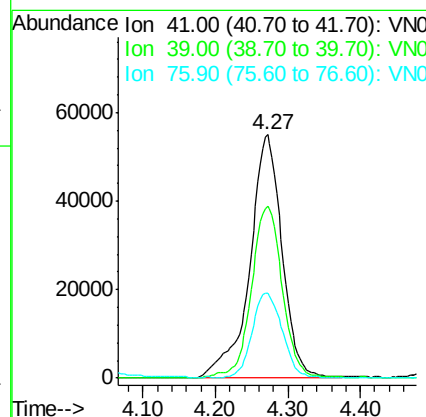
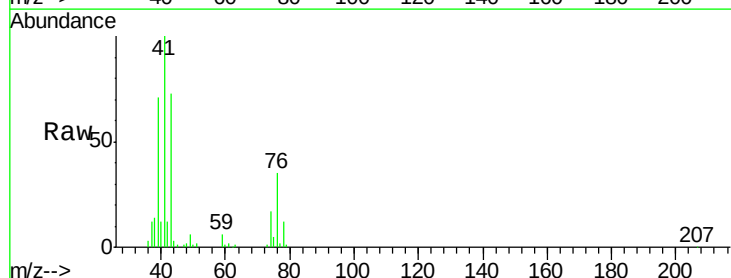
Tgt Ion: 41 Resp: 170734

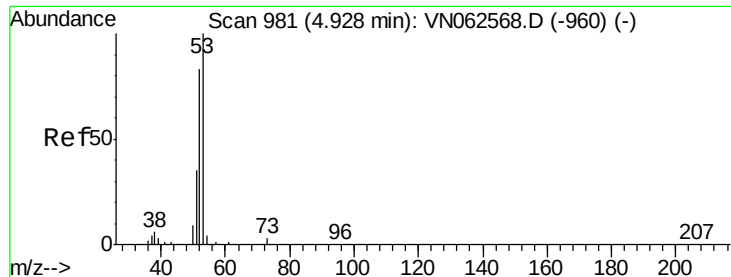
Ion Ratio Lower Upper

41 100

39 67.5 49.0 73.4

76 32.6 24.0 36.0





#15

Acrylonitrile

Concen: 219.788 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

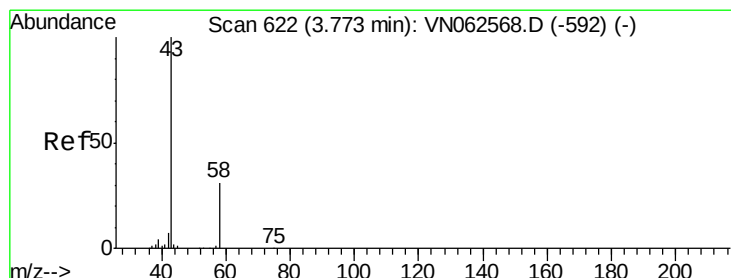
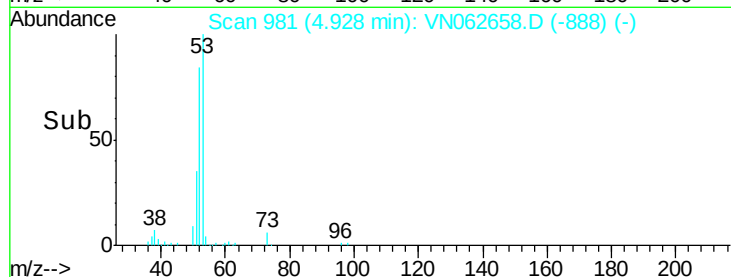
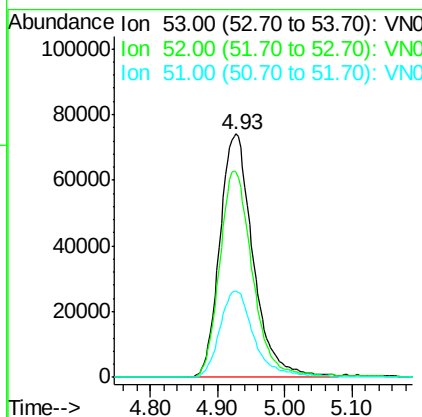
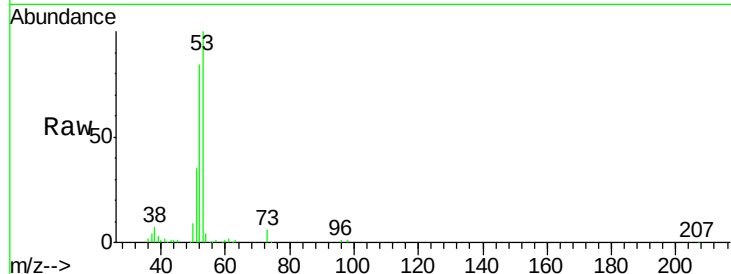
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	255604
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.3	99.5
51	36.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 296.119 ug/l

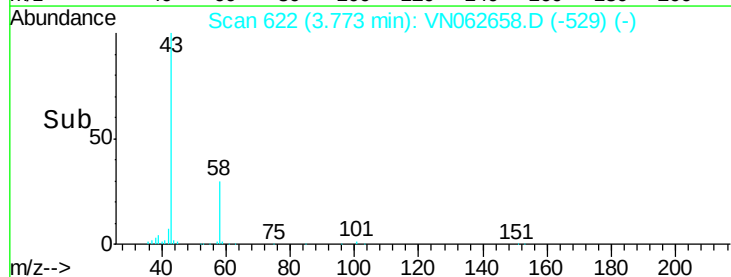
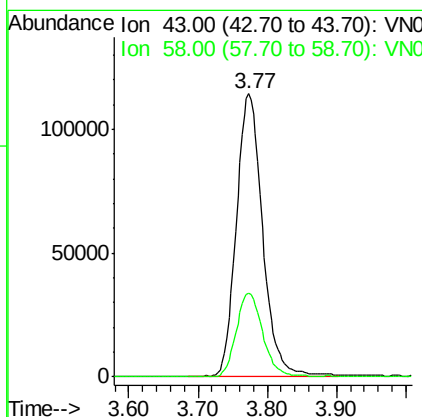
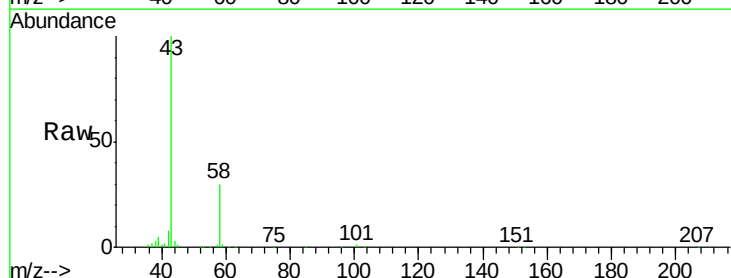
RT: 3.77 min Scan# 622

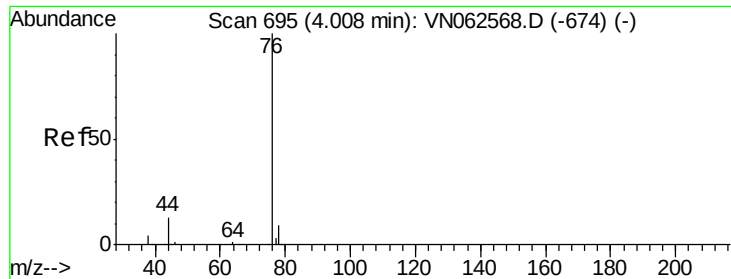
Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion:	43	Resp:	304137
Ion Ratio		Lower	Upper
43	100		
58	29.6	24.6	37.0





#17

Carbon Disulfide

Concen: 41.618 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 257249

Ion Ratio Lower Upper

76 100

78 8.8

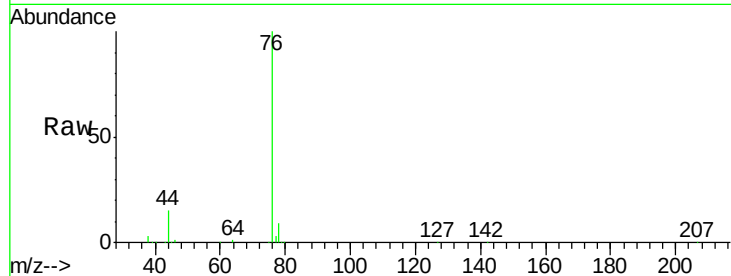
7.3 10.9

Manual Integrations

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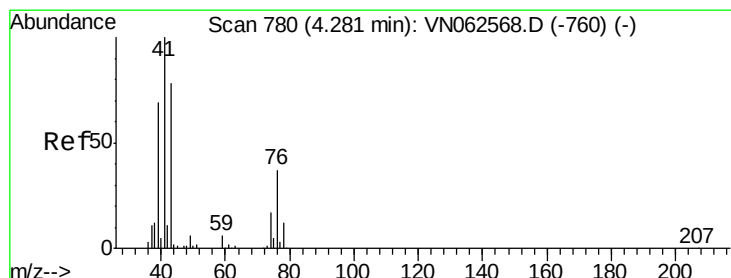
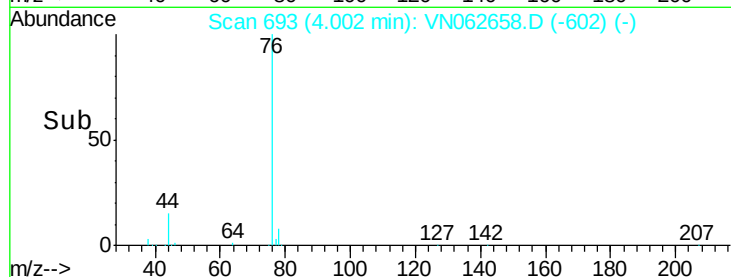
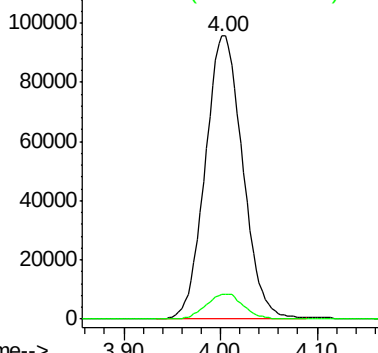
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 46.721 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

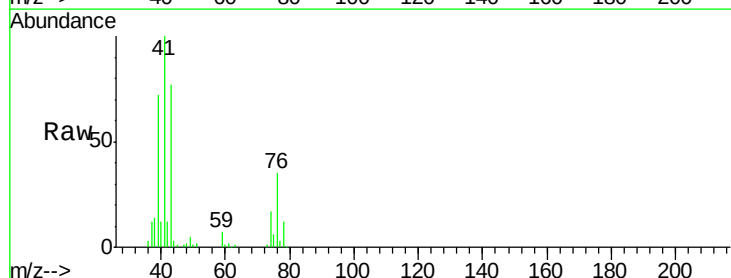
Tgt Ion: 43 Resp: 121481

Ion Ratio Lower Upper

43 100

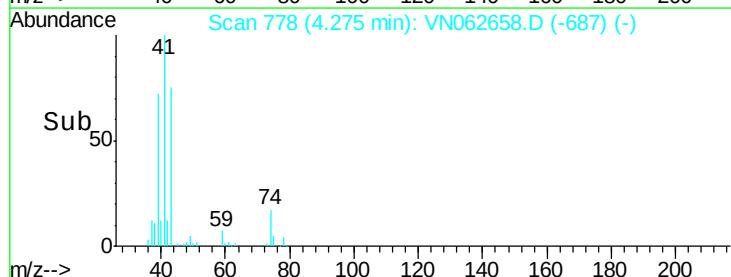
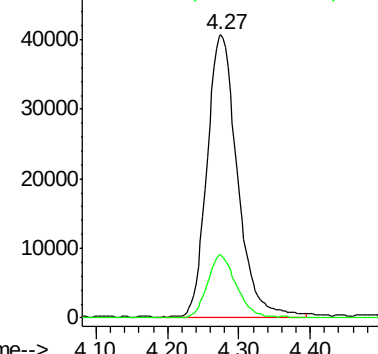
74 20.9

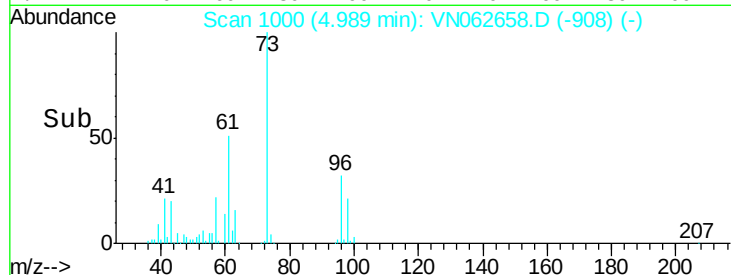
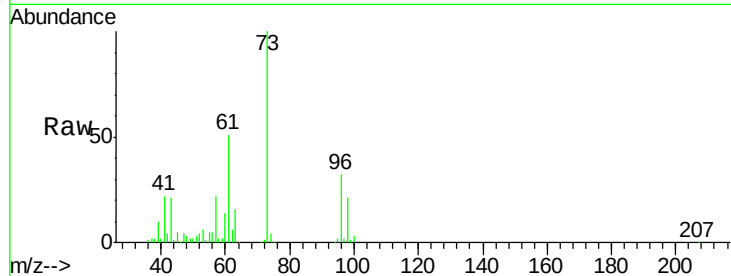
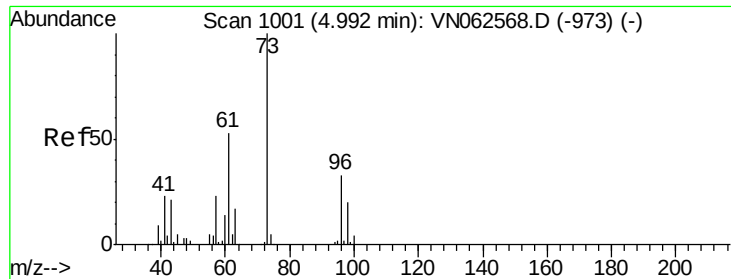
16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





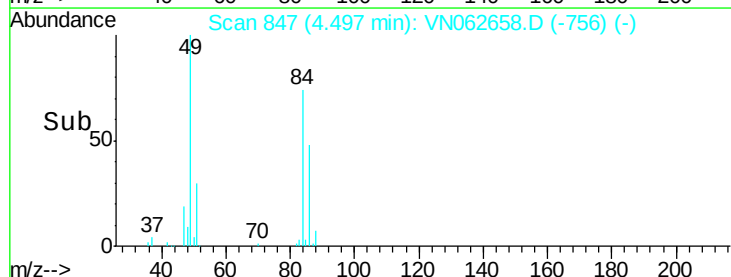
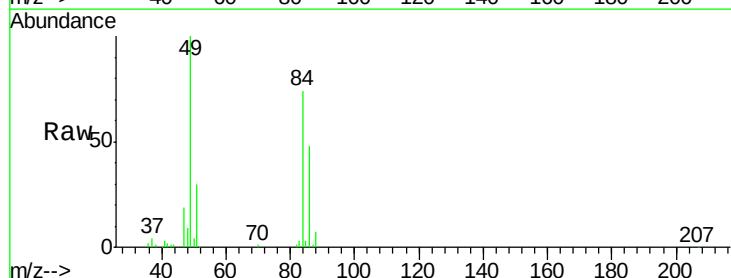
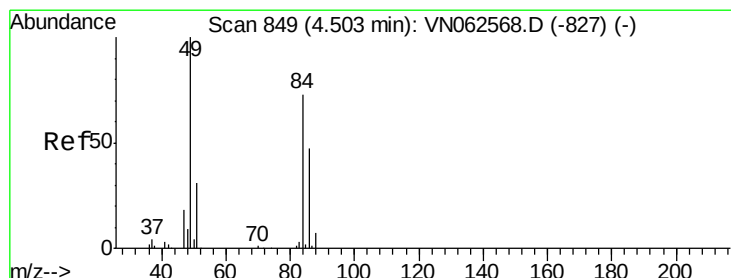
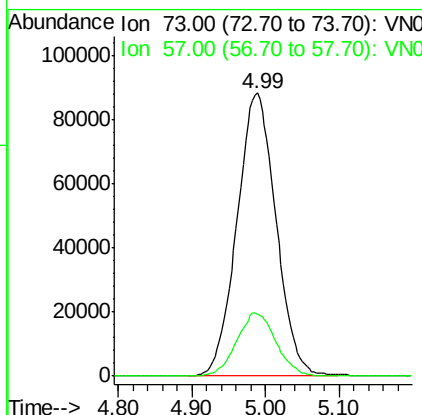
#19
Methyl tert-butyl Ether
Concen: 47.025 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062568.D
Acq: 30 Jul 2020 9:16

Tot Ion: 73 Resp: 325607
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

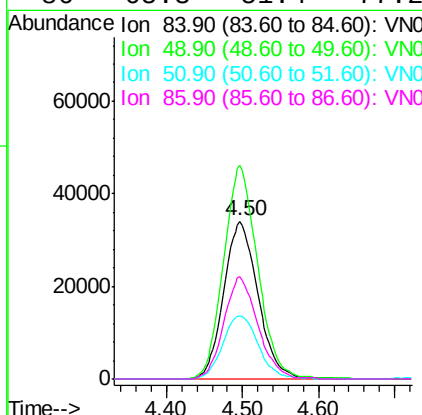
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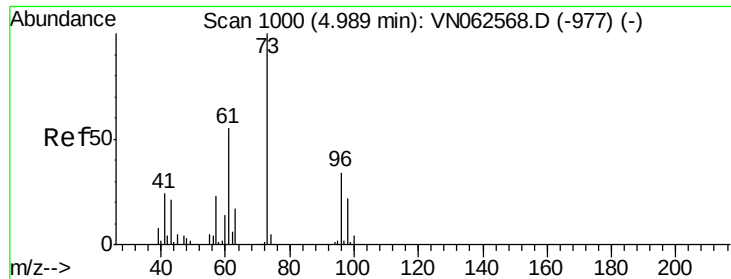
MMDadoda
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#20
Methylene Chloride
Concen: 43.246 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062568.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 84 Resp: 106531
Ion Ratio Lower Upper
84 100
49 135.6 109.4 164.0
51 40.2 33.6 50.4
86 65.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.472 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

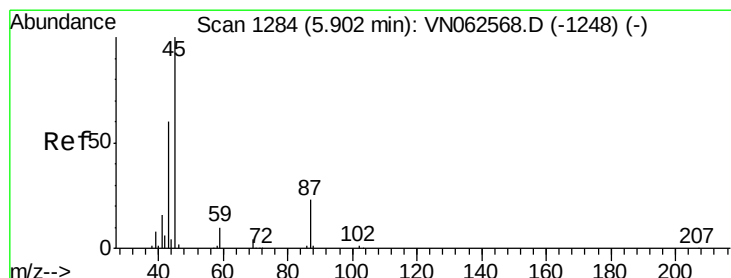
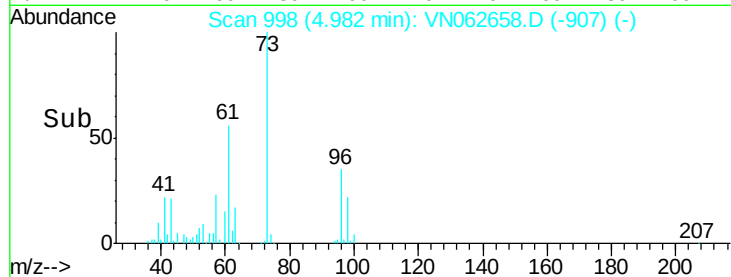
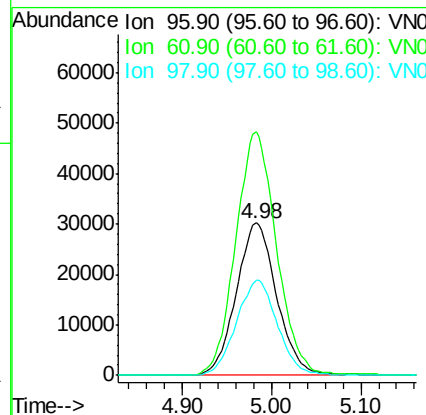
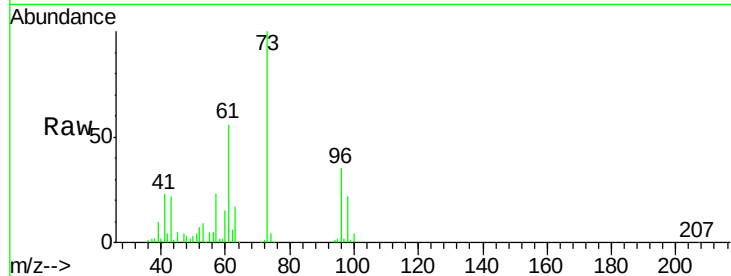
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	94944
Ion	Ratio	Lower	Upper
96	100		
61	159.8	128.6	192.8
98	62.1	50.6	76.0

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#22

Diisopropyl ether

Concen: 44.009 ug/l

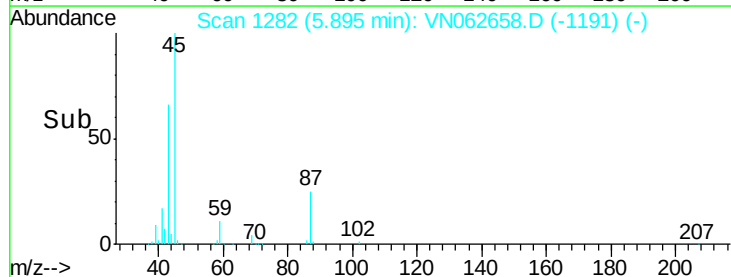
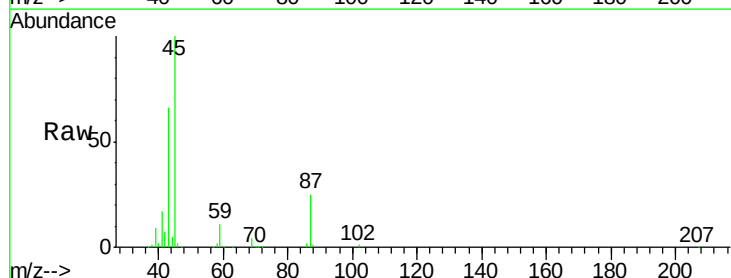
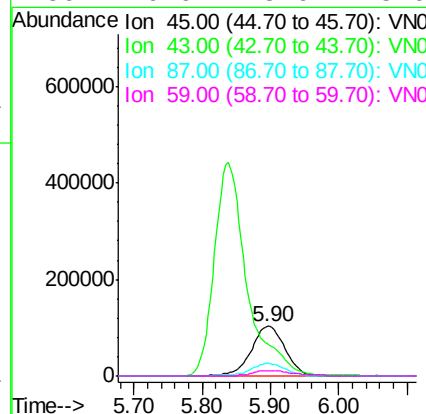
RT: 5.90 min Scan# 1282

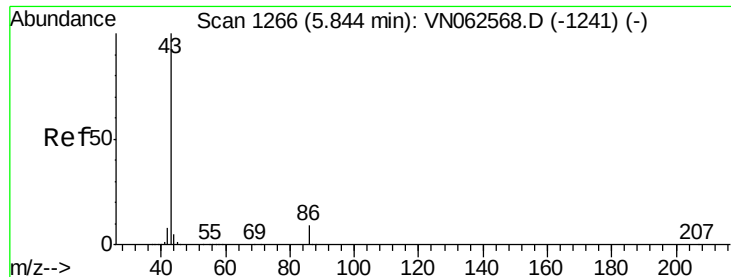
Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion:	45	Resp:	355982
Ion	Ratio	Lower	Upper
45	100		
43	63.7	48.7	73.1
87	24.9	19.0	28.6
59	10.9	8.6	13.0





#23

Vinyl Acetate

Concen: 222.628 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1475535

Ion Ratio Lower Upper

43 100

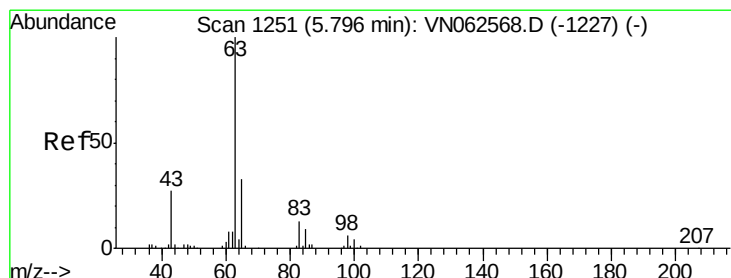
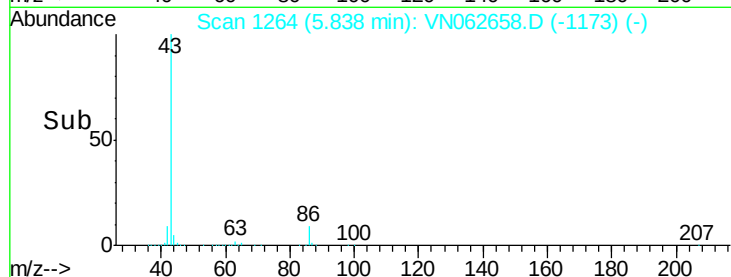
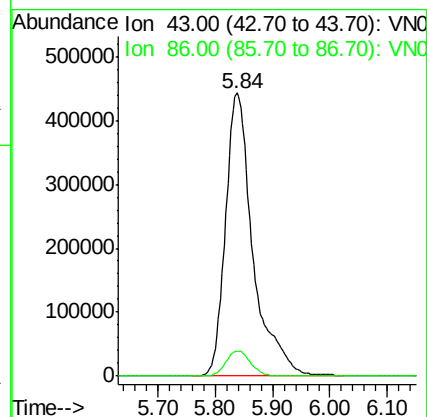
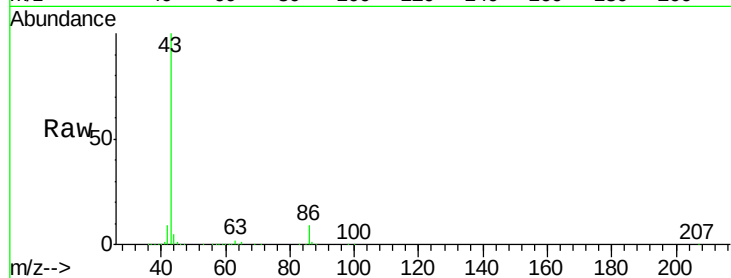
86 8.8 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 45.375 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

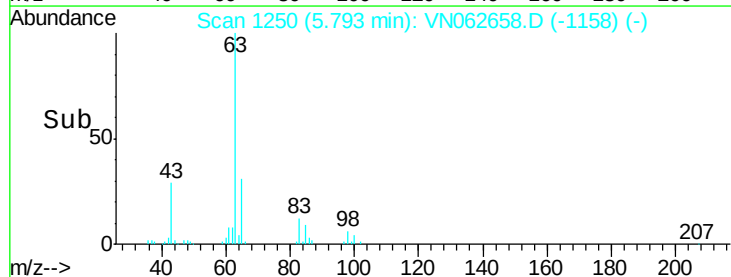
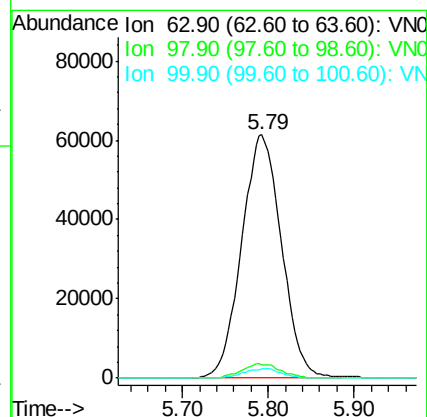
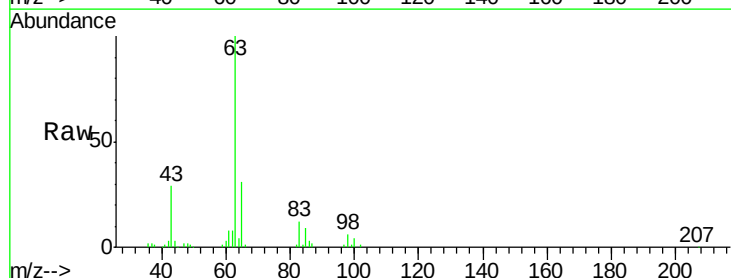
Tgt Ion: 63 Resp: 197645

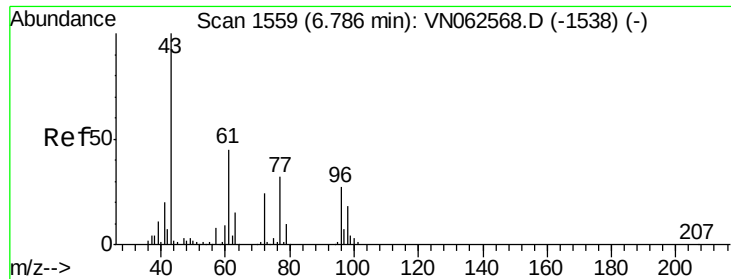
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.8 1.8 5.4





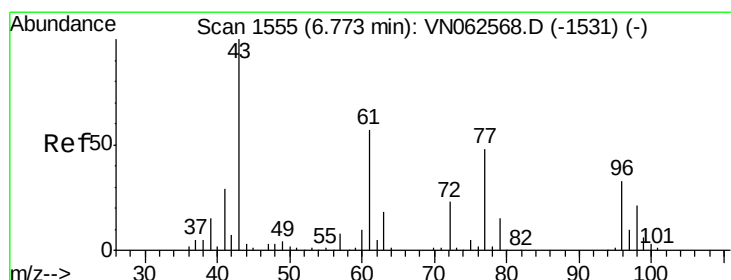
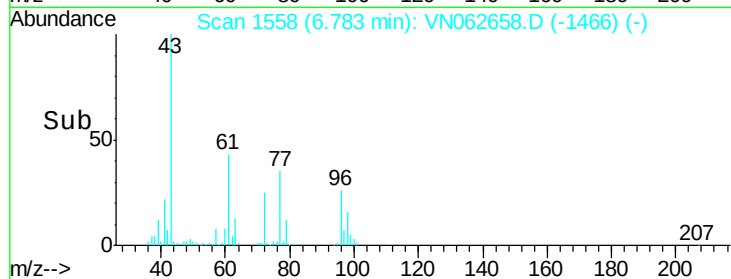
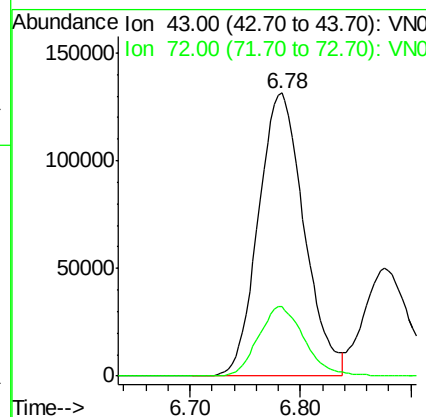
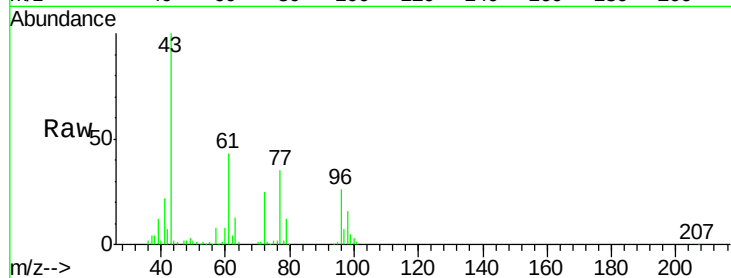
#25
2-Butanone
Concen: 241.295 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 377435
Ion Ratio Lower Upper
43 100
72 24.5 19.0 28.6

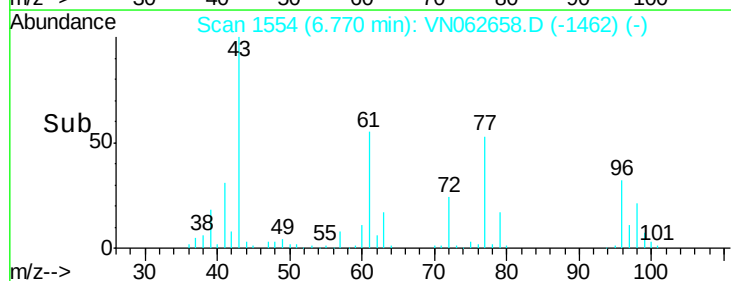
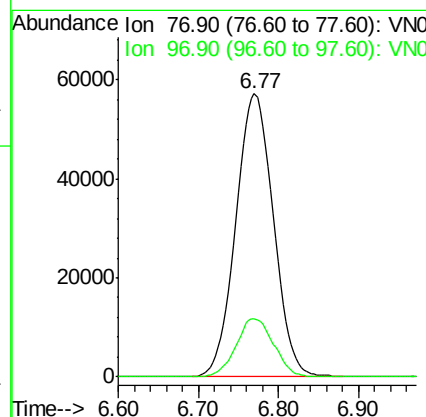
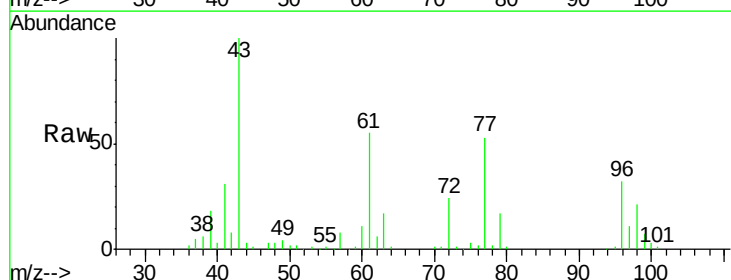
Manual Integrations
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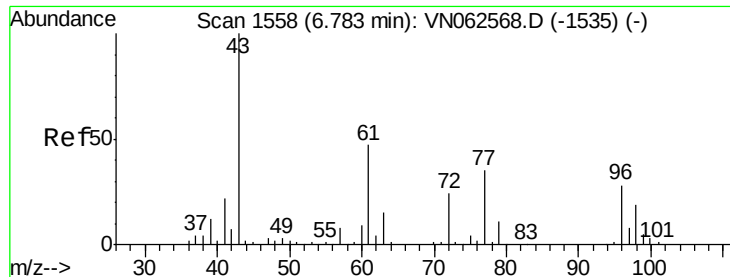
MMDadoda
7/31/2020 11:56:45 AM



#26
2,2-Dichloropropane
Concen: 50.953 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 77 Resp: 182194
Ion Ratio Lower Upper
77 100
97 20.5 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 45.487 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

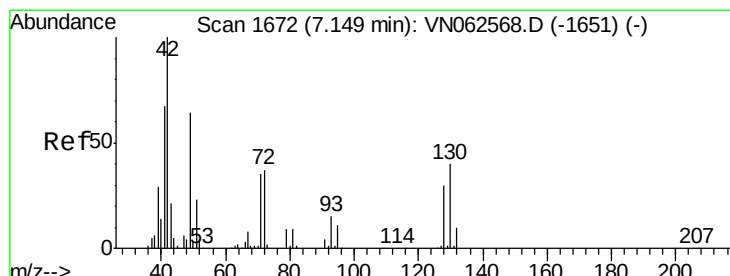
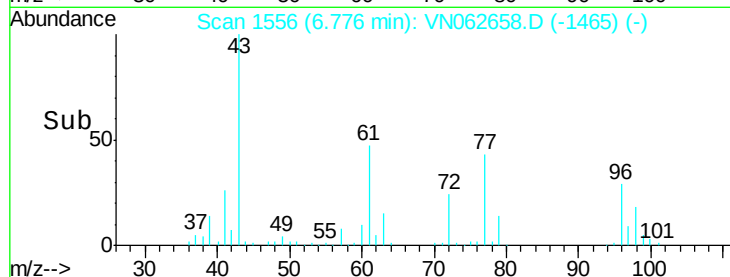
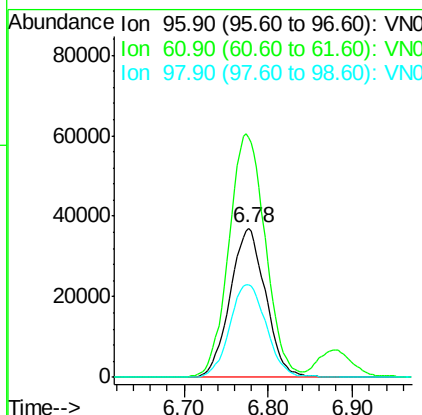
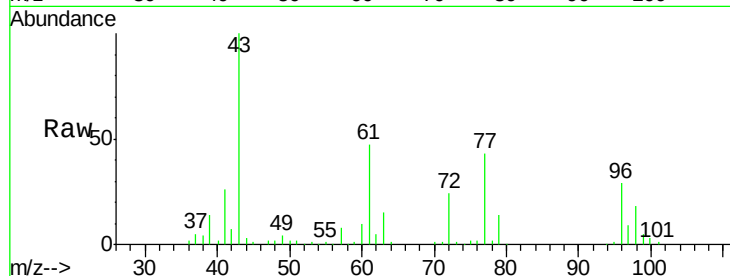
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	108375
Ion	Ratio	Lower	Upper
96	100		
61	167.9	0.0	332.4
98	64.4	0.0	127.4

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#28

Bromochloromethane

Concen: 44.401 ug/l

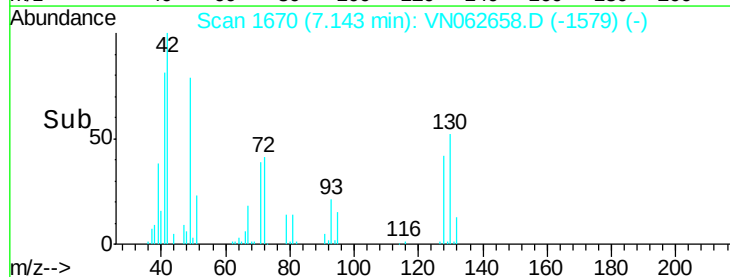
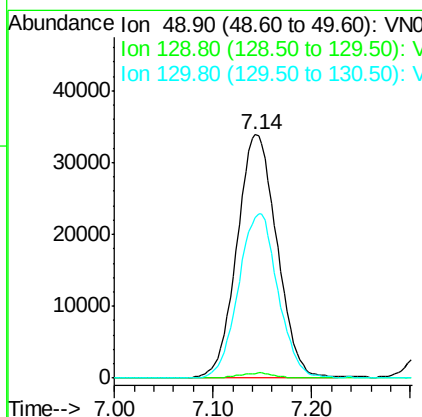
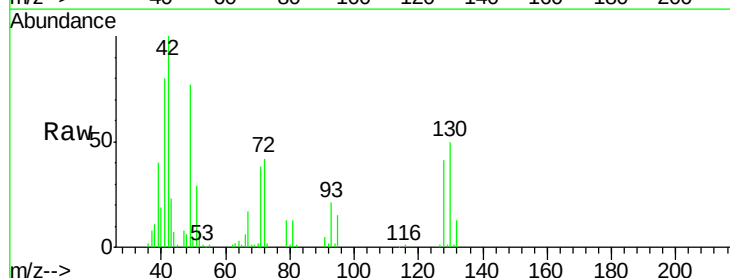
RT: 7.14 min Scan# 1670

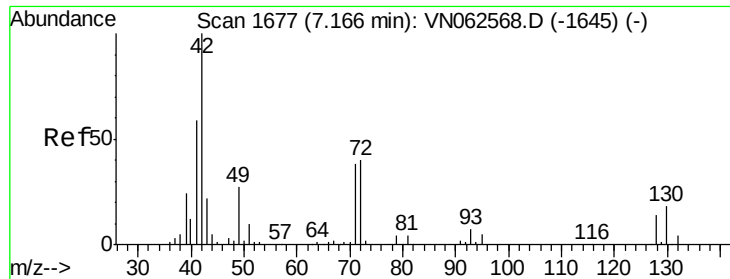
Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion:	49	Resp:	95178
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	66.6	49.8	74.8





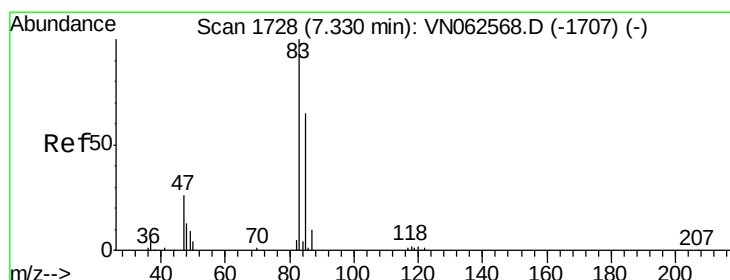
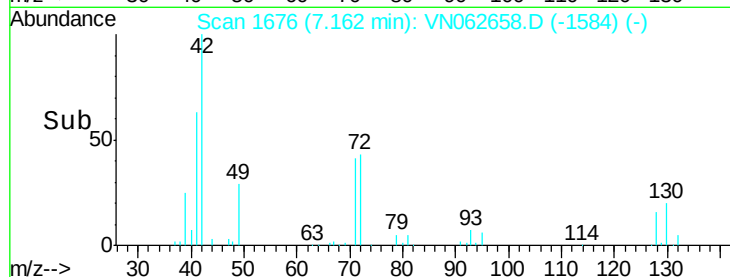
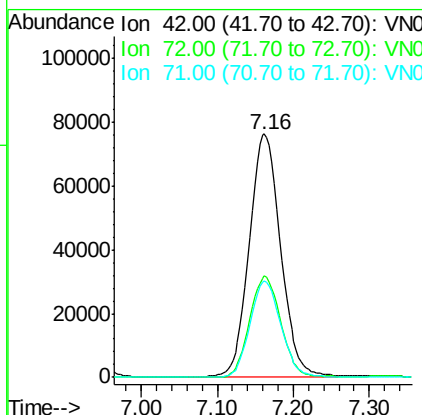
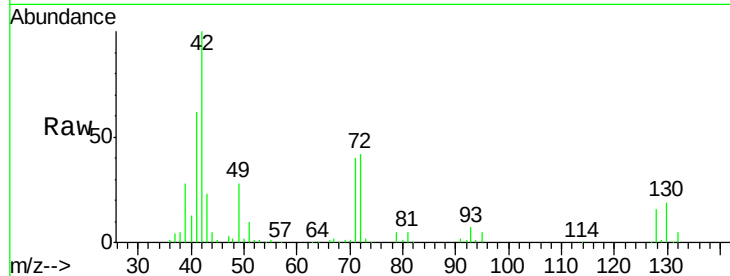
#29
Tetrahydrofuran
Concen: 208.302 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	30.7	46.1
71	38.8	29.1	43.7

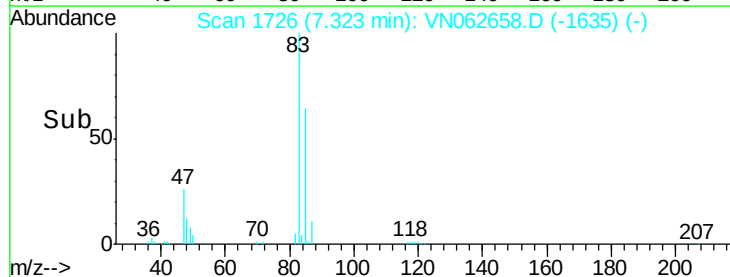
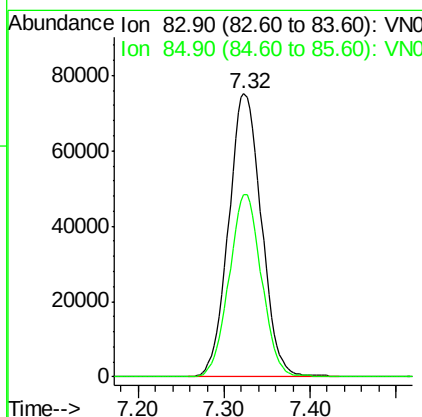
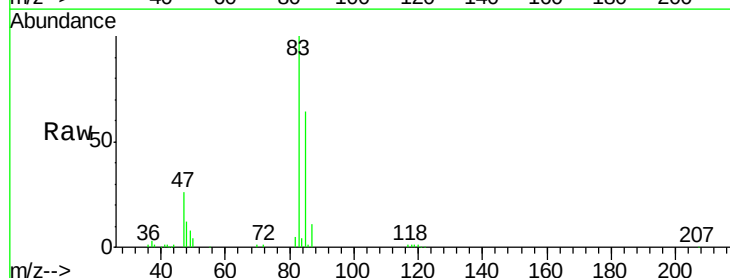
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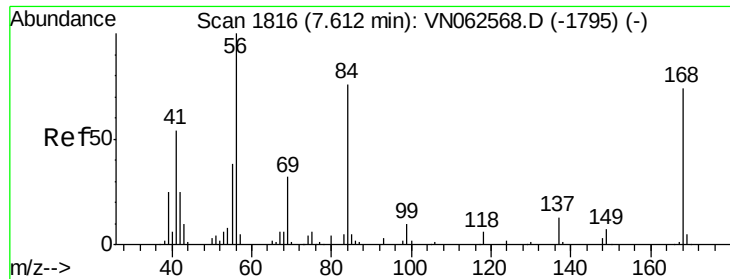
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#30
Chloroform
Concen: 48.159 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.0	78.0





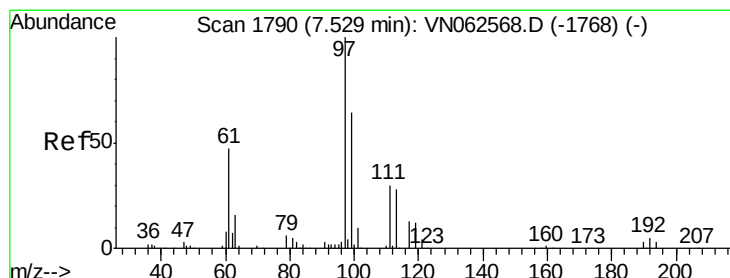
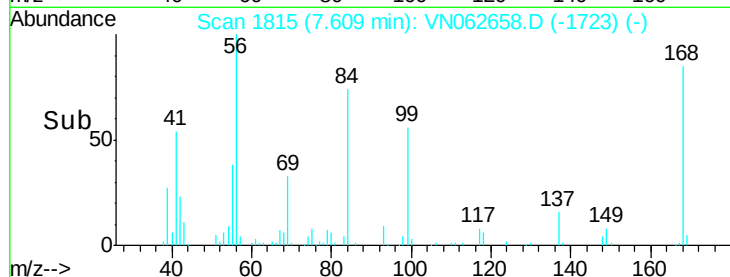
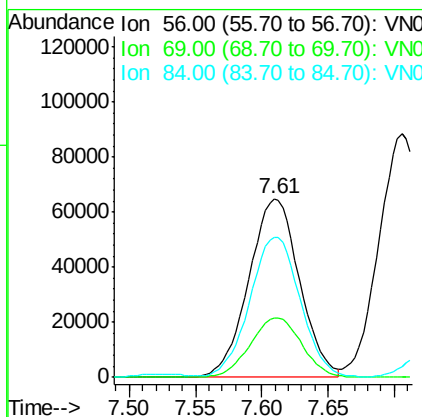
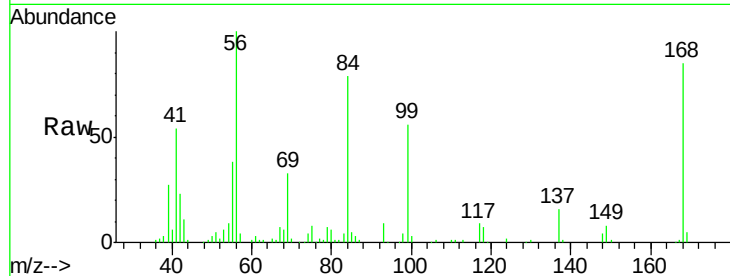
#31
Cyclohexane
Concen: 42.983 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.3	37.9
84	77.4	61.0	91.4

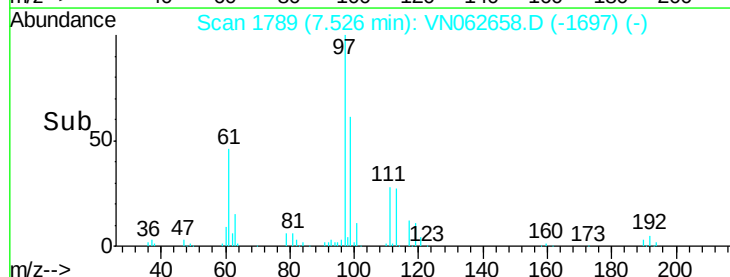
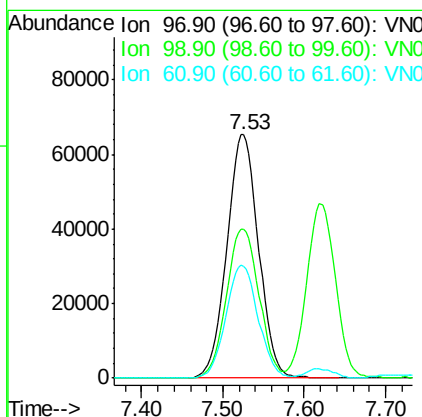
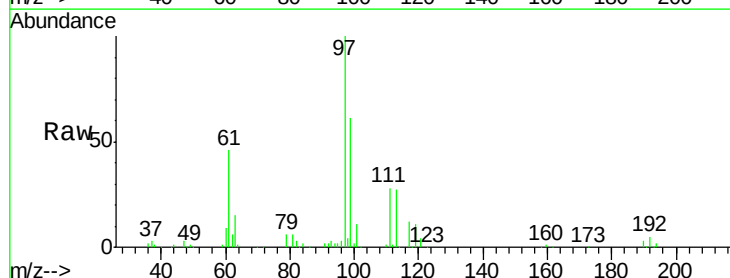
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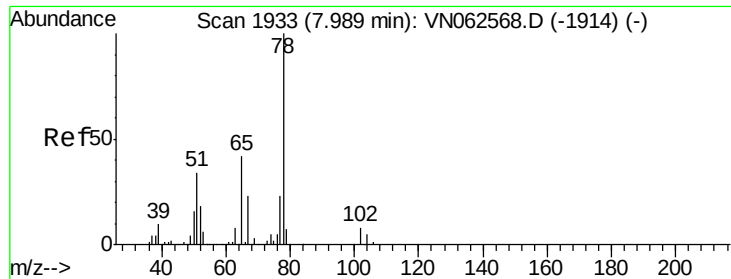
MMDadoda
7/31/2020 11:56:45 AM



#32
1,1,1-Trichloroethane
Concen: 51.234 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.2	76.8
61	47.2	38.4	57.6





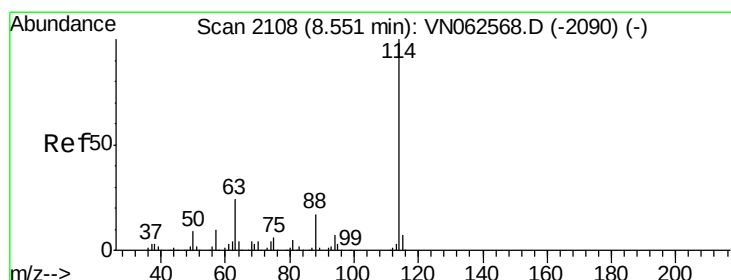
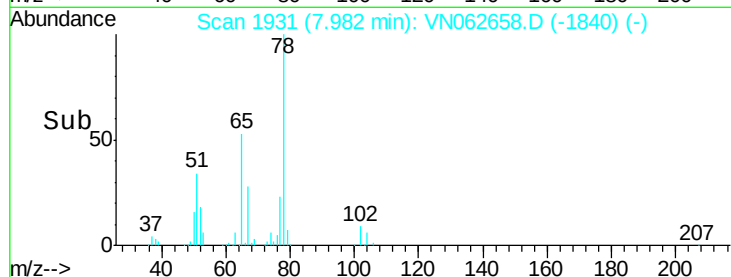
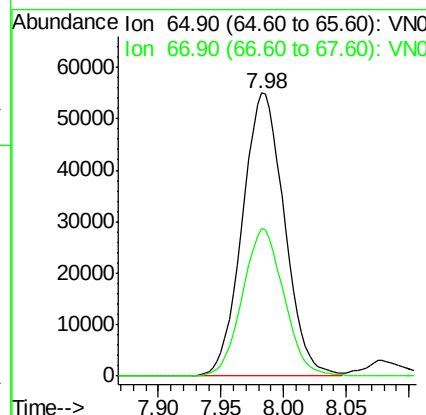
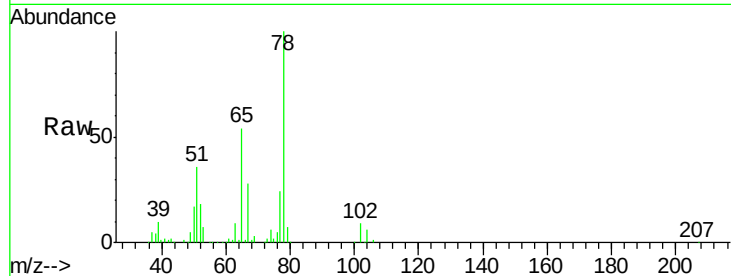
#33
 1,2-Dichloroethane-d4
 Concen: 47.207 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128845		
67	51.3	0.0	106.0	

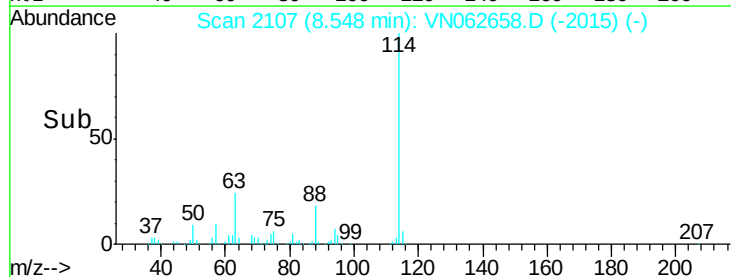
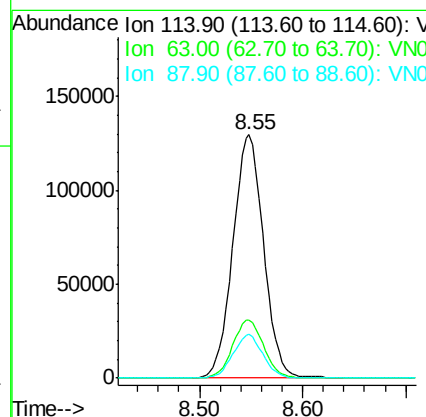
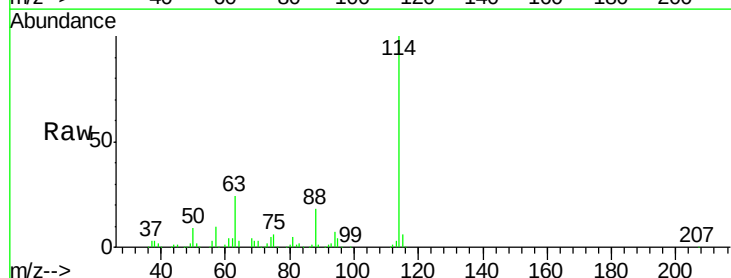
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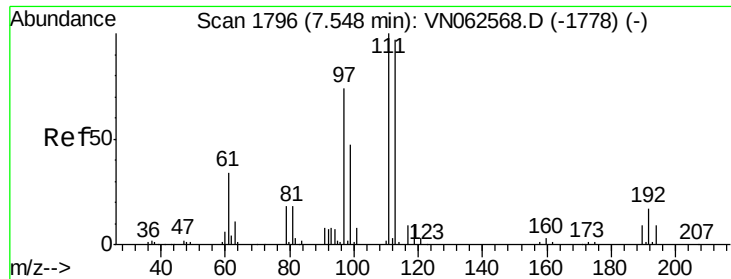
MMDadoda
 7/31/2020 11:56:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	269374		
63	23.8	0.0	48.4	
88	18.0	0.0	33.8	





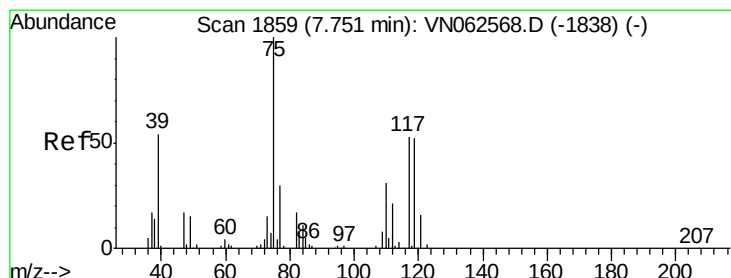
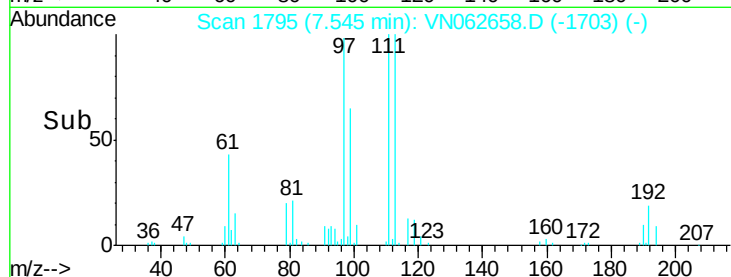
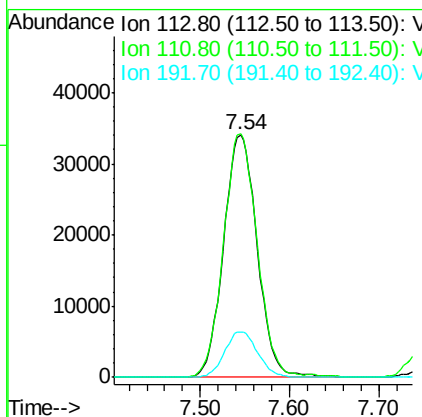
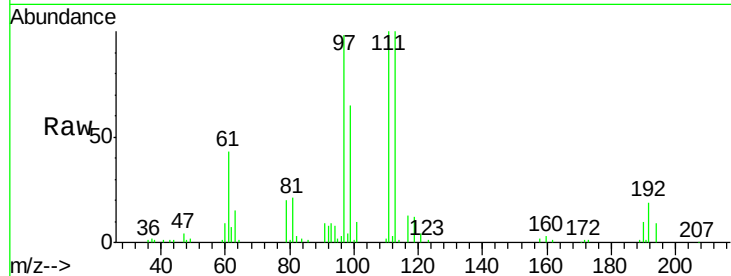
#35
 Dibromofluoromethane
 Concen: 50.117 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	88677		
111	100.5	82.7	124.1	
192	18.5	14.8	22.2	

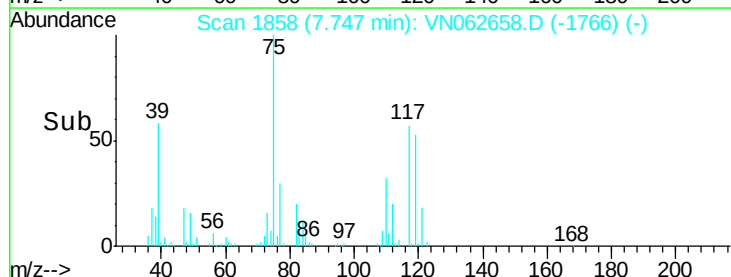
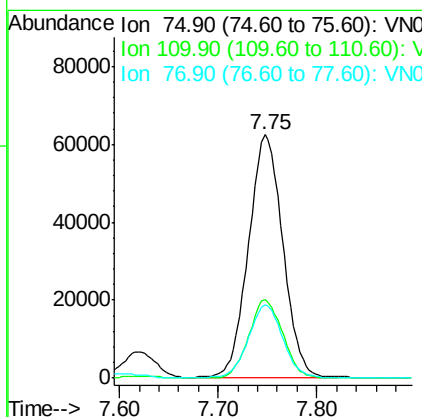
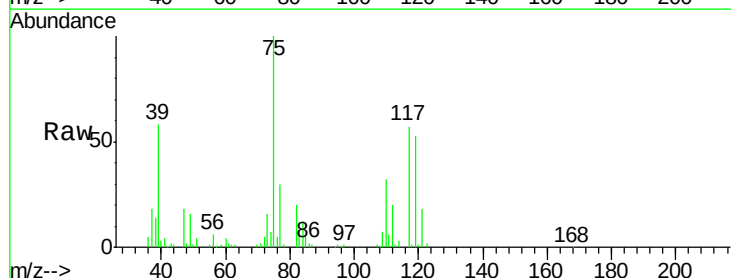
Manual Integrations
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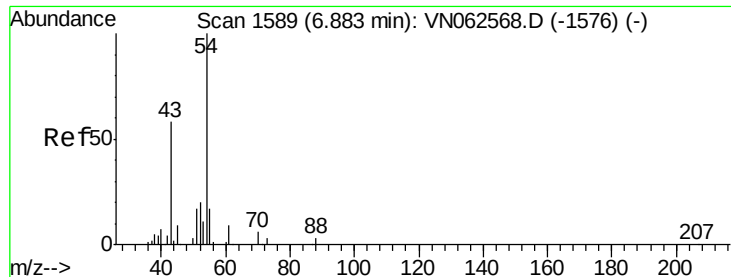
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 7/31/2020 11:56:45 AM



#36
 1,1-Dichloropropene
 Concen: 52.550 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	150885		
110	31.6	16.0	48.0	
77	30.3	24.6	36.8	





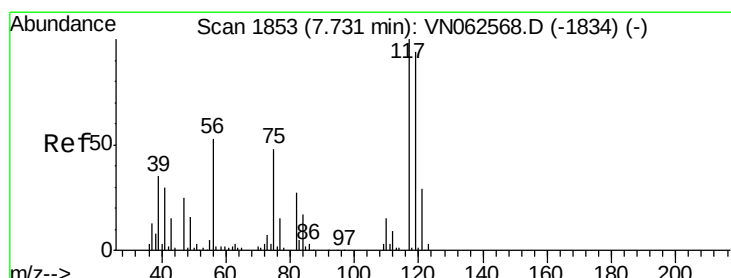
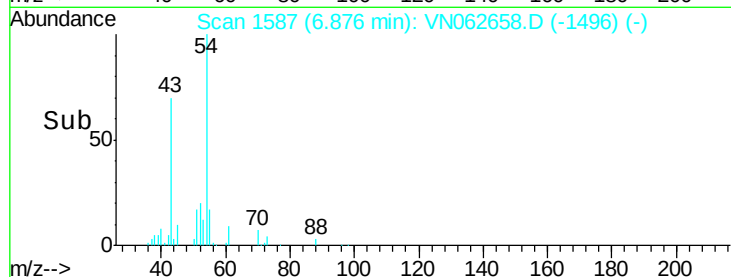
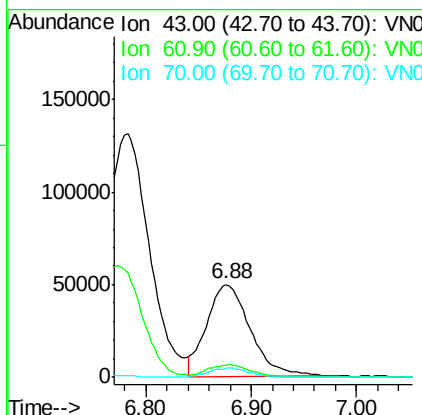
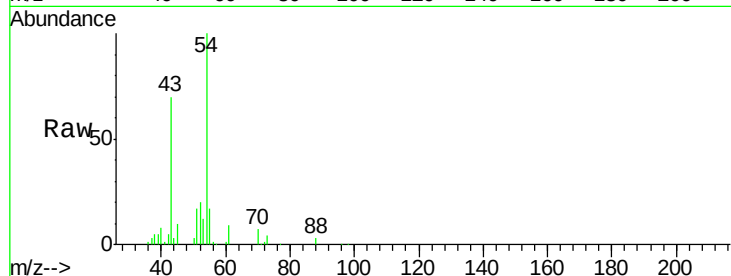
#37
Ethyl Acetate
Concen: 45.885 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	9.7	7.7	11.5

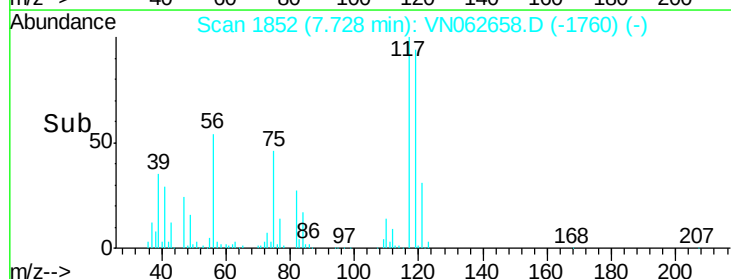
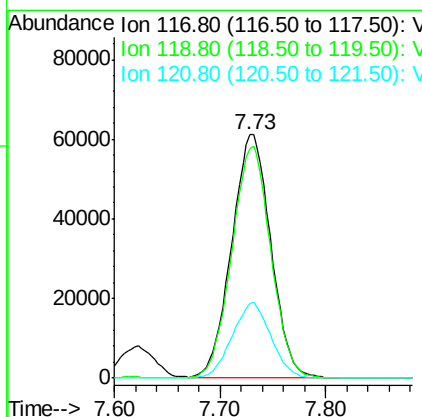
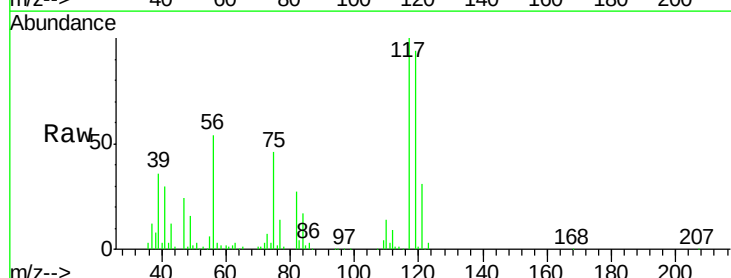
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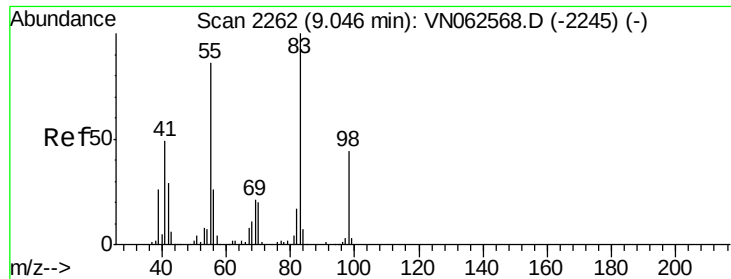
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#38
Carbon Tetrachloride
Concen: 56.960 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.8	112.2
121	30.7	23.0	34.6





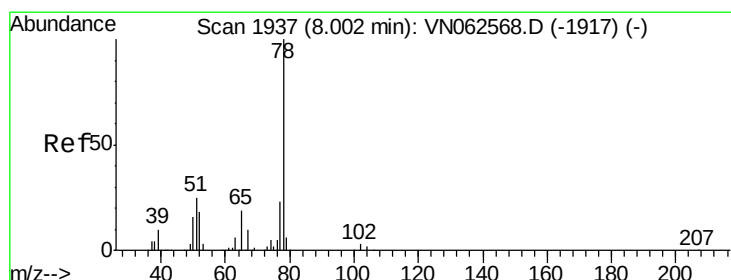
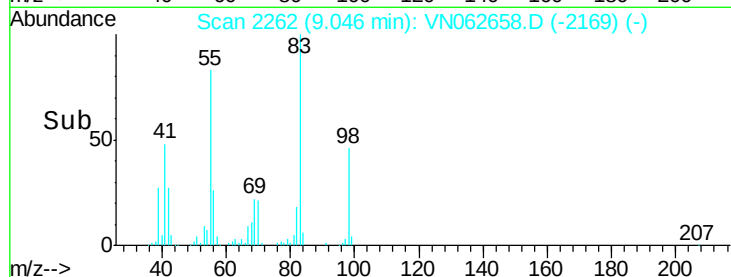
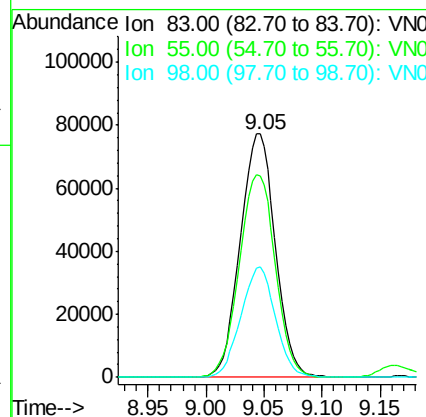
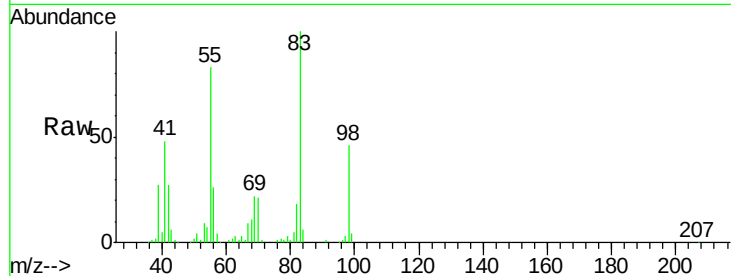
#39
Methylvlcyclohexane
Concen: 52.655 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	68.9	103.3
98	45.5	35.1	52.7

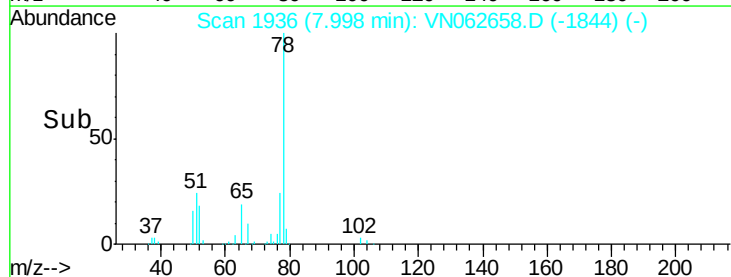
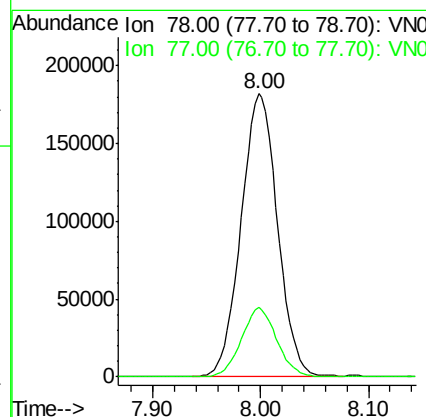
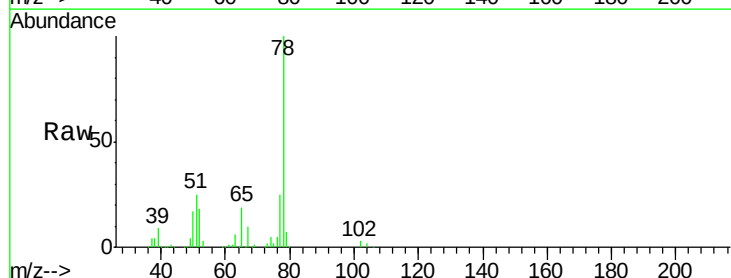
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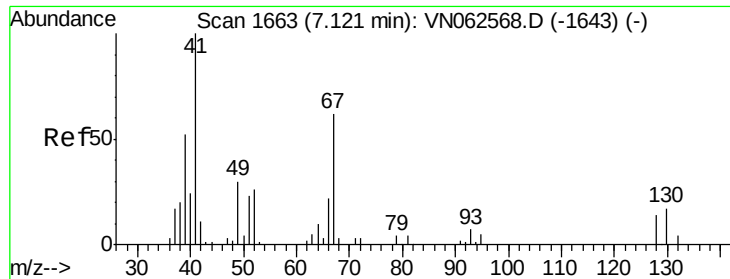
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#40
Benzene
Concen: 49.219 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.7	28.1





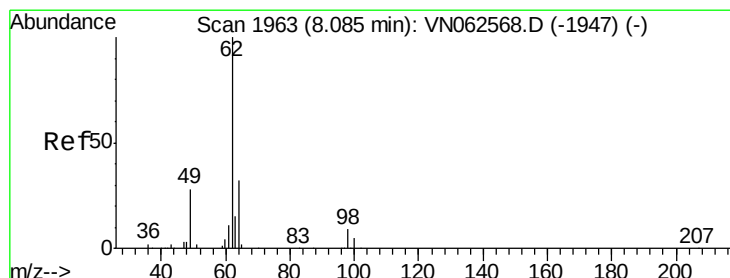
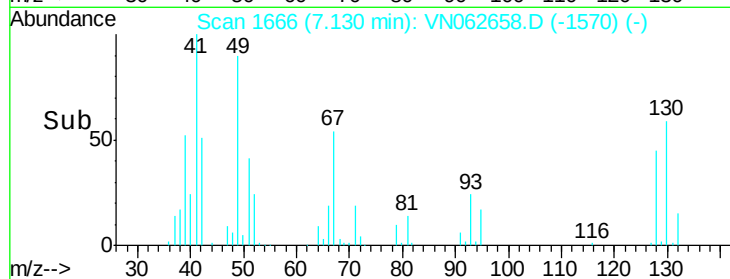
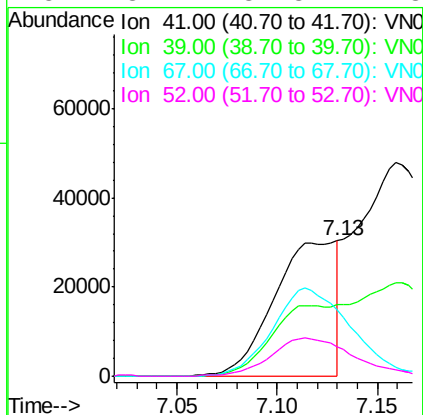
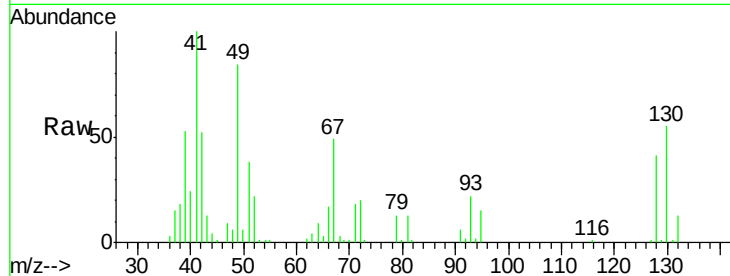
#41
Methacrylonitrile
Concen: 49.885 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	44.8	55.8	83.6#
67	82.1	72.5	108.7
52	37.7	31.8	47.8

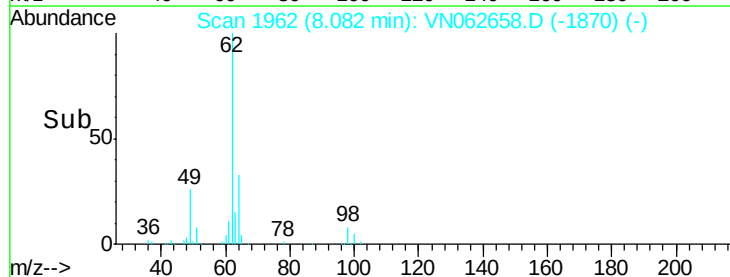
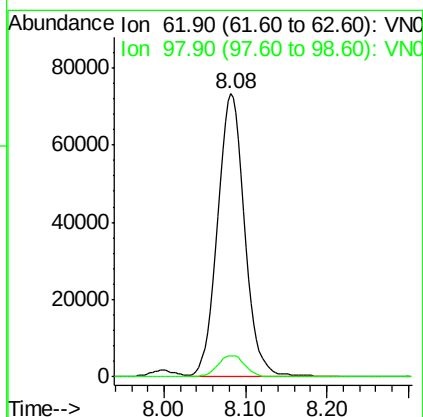
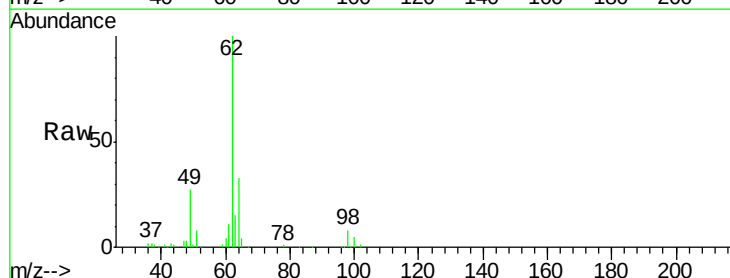
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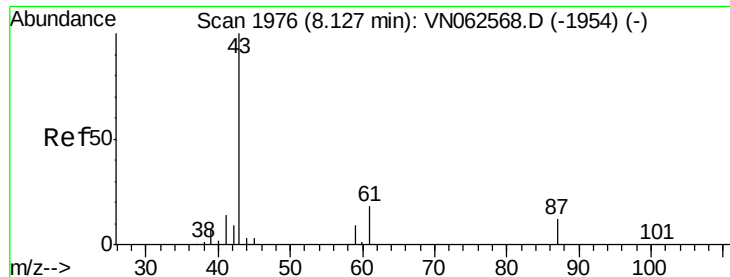
MMDadoda
7/31/2020 11:56:45 AM



#42
1,2-Dichloroethane
Concen: 54.294 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.2





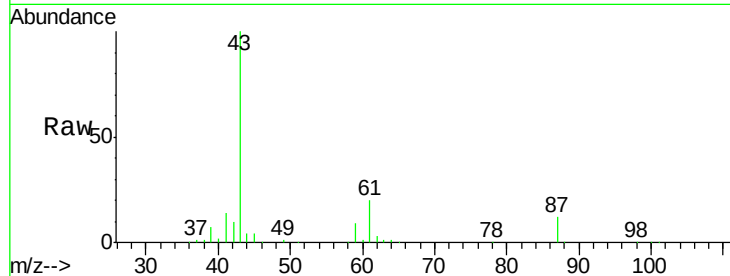
#43
Isopropyl Acetate
Concen: 47.979 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

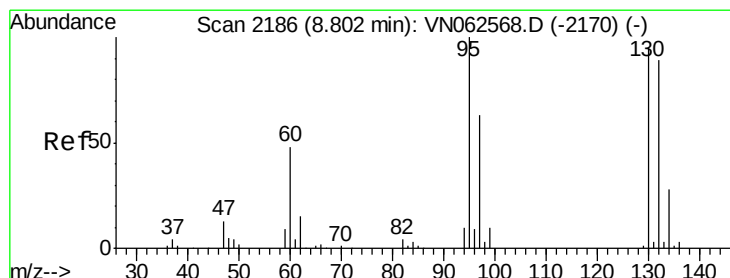
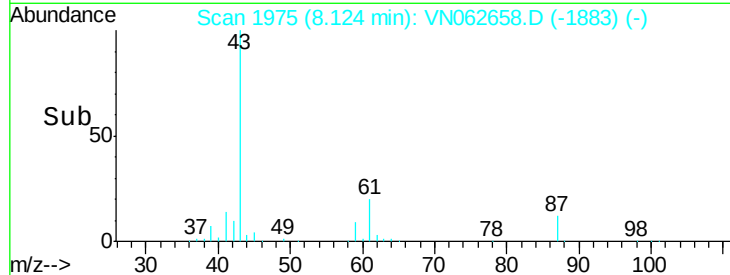
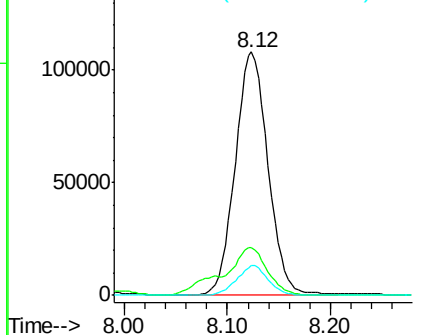
Tot Ion	Ratio	Lower	Upper
43	100		
61	26.6	20.8	31.2
87	11.7	9.2	13.8

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7/31/2020 11:56:45 AM

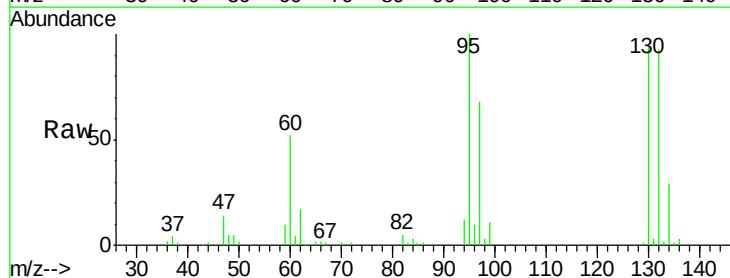


Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

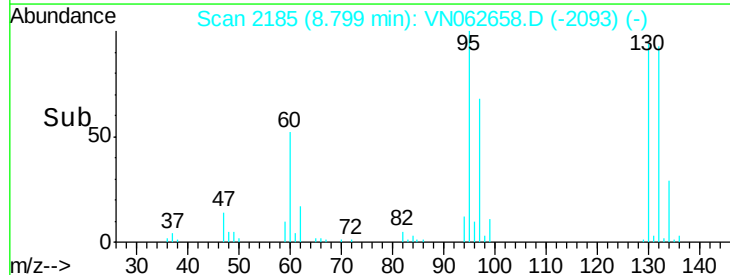
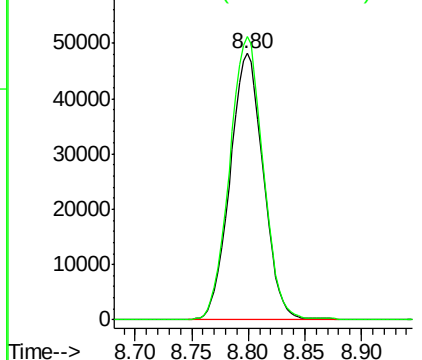


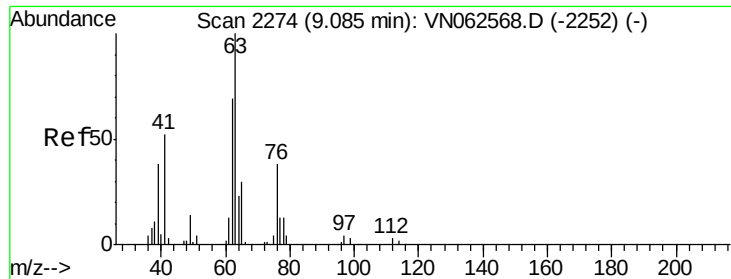
#44
Trichloroethene
Concen: 50.507 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)





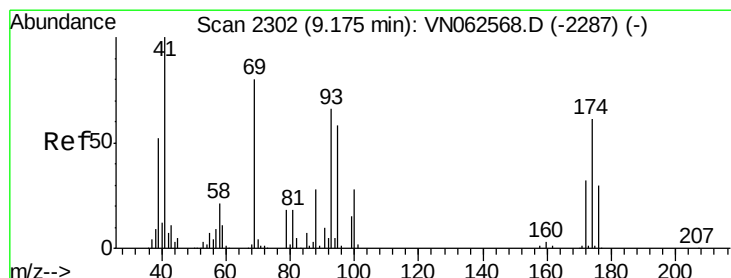
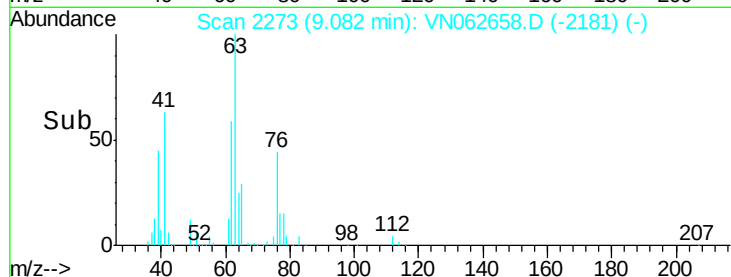
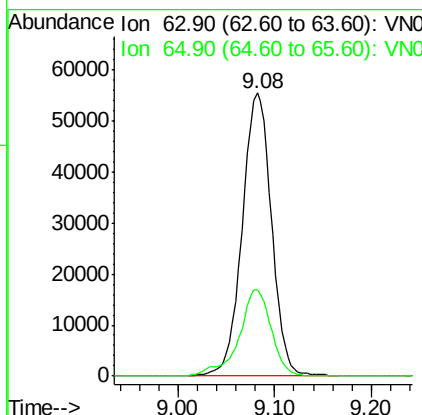
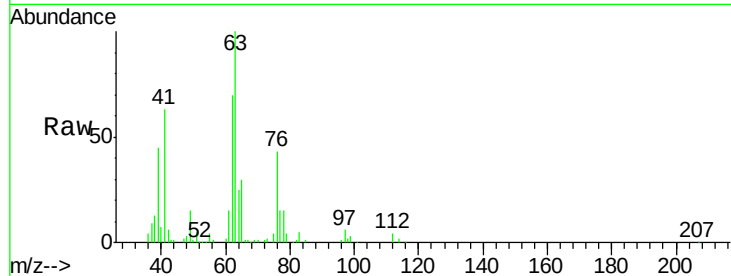
#45
 1,2-Dichloropropane
 Concen: 47.900 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 116905
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6

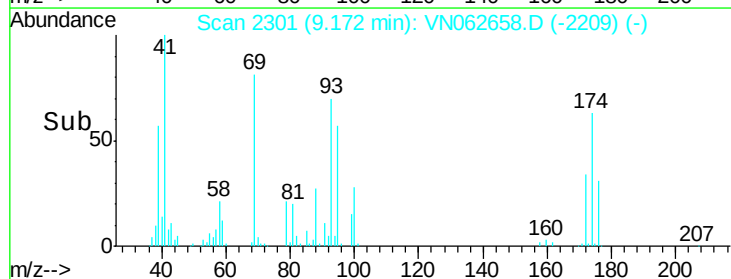
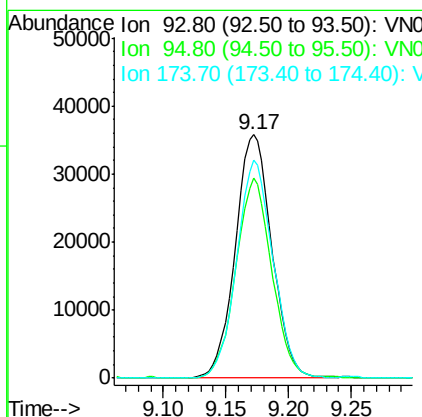
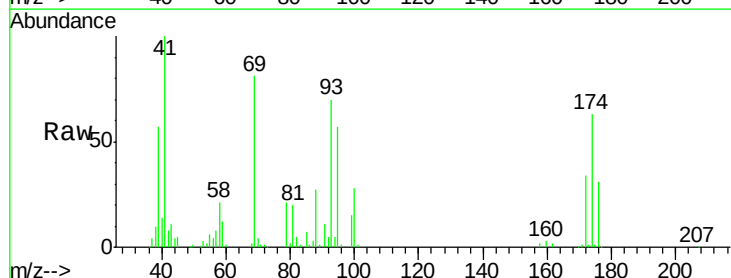
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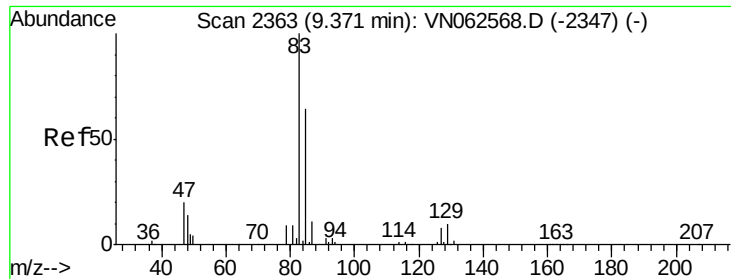
MMDadoda
 7/31/2020 11:56:45 AM



#46
 Dibromomethane
 Concen: 51.511 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 93 Resp: 72662
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.6 101.4
 174 88.6 72.5 108.7





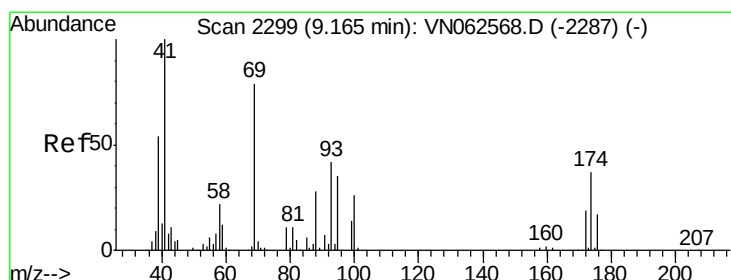
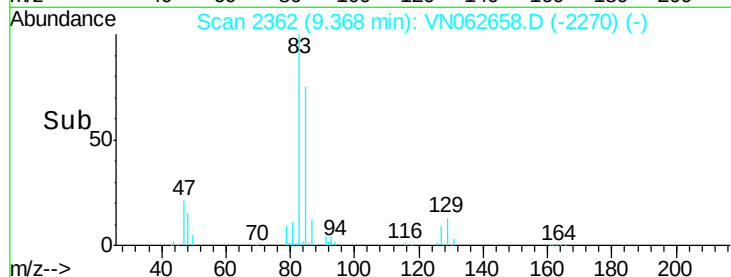
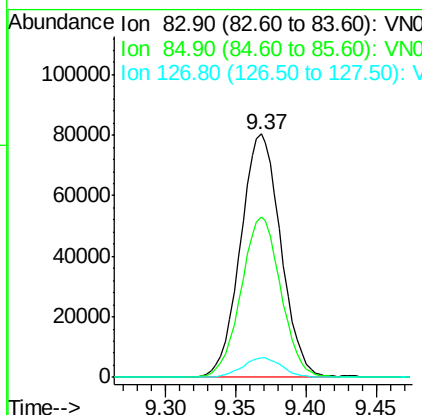
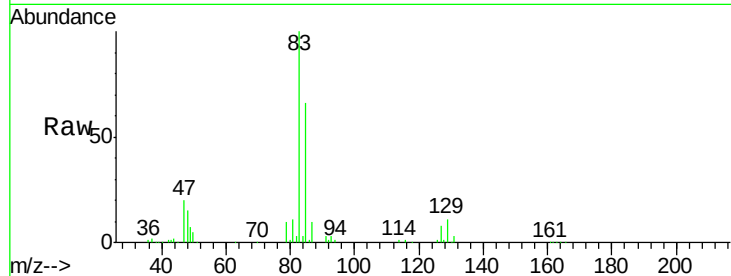
#47
Bromodichloromethane
Concen: 52.572 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	160663
Ion Ratio	100		
85	65.8	51.6	77.4
127	8.1	6.2	9.2

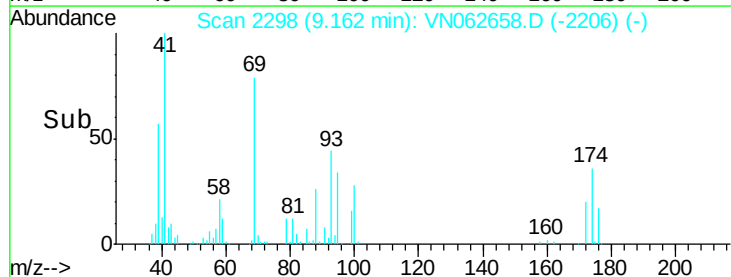
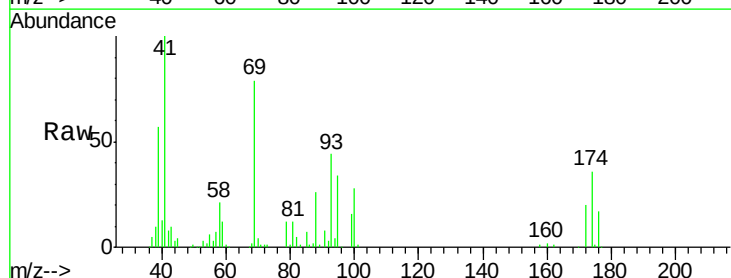
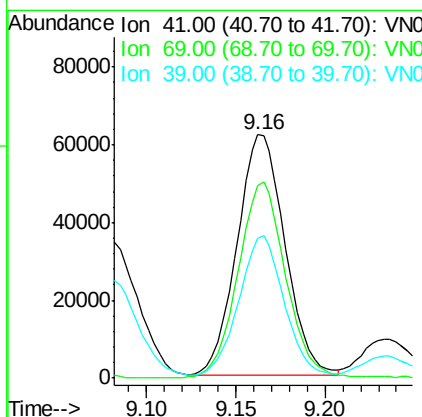
Manual Integrations
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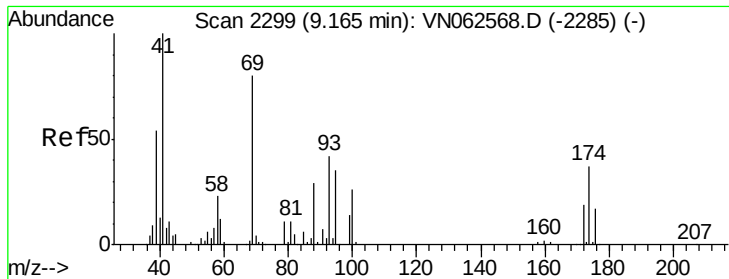
MMDadoda
7/31/2020 11:56:45 AM



#48
Methyl methacrylate
Concen: 48.959 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	41	Resp	116121
Ion Ratio	100		
69	80.9	64.4	96.6
39	56.5	43.5	65.3





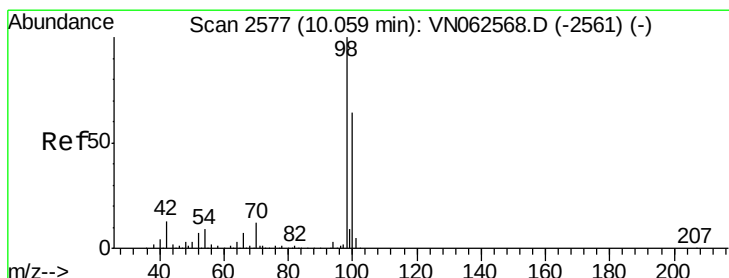
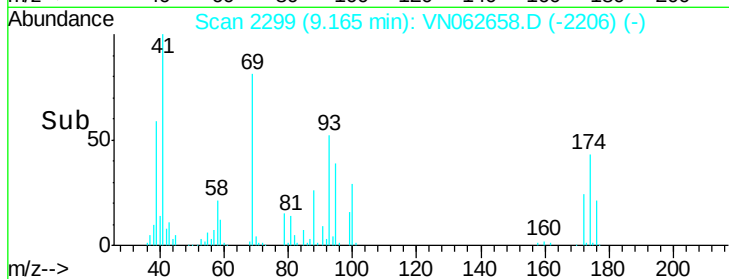
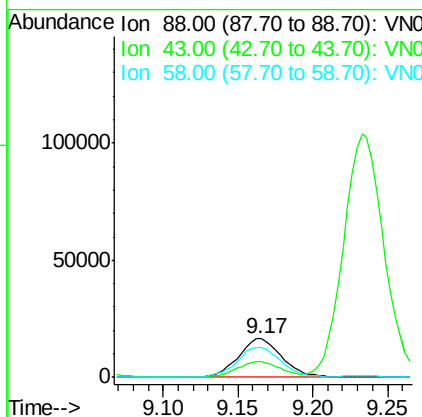
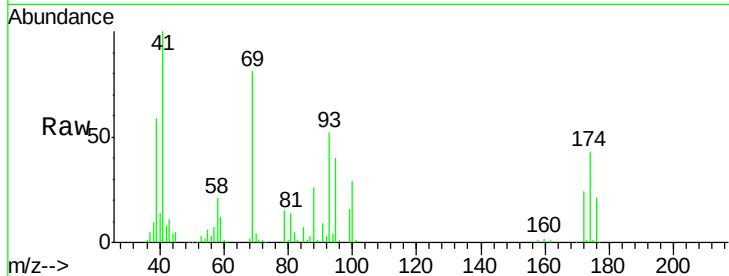
#49
 1,4-Dioxane
 Concen: 913.357 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.5	32.0	48.0
58	78.5	62.8	94.2

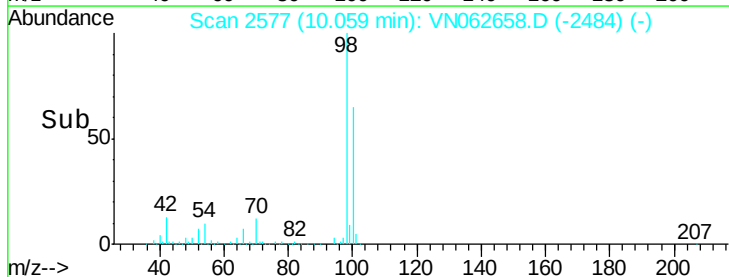
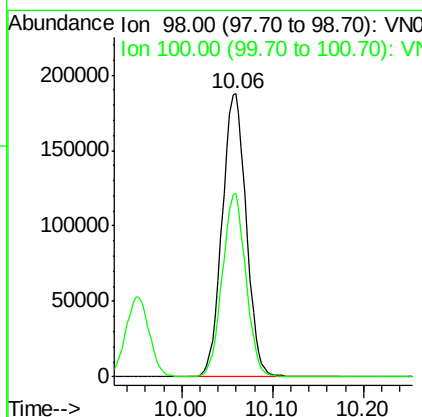
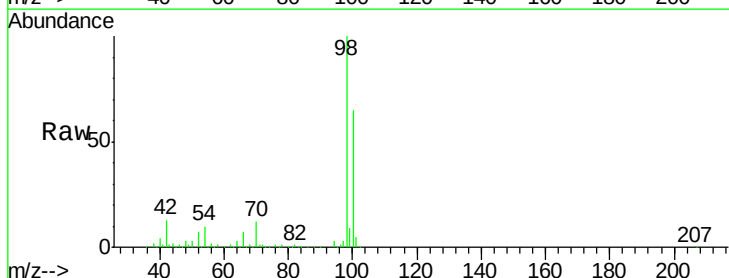
Manual Integrations
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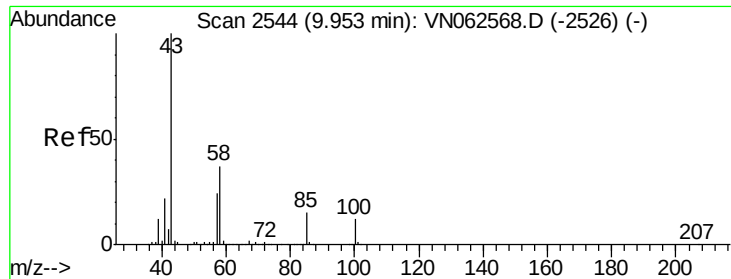
MMDadoda
 7/31/2020 11:56:45 AM



#50
 Toluene-d8
 Concen: 48.962 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 244.543 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 730052

Ion Ratio Lower Upper

43 100

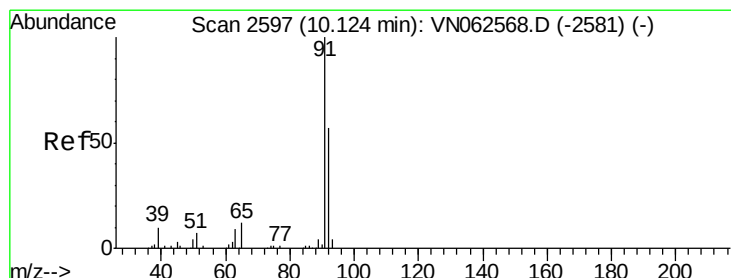
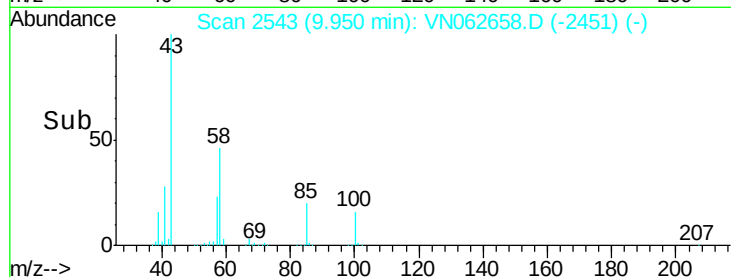
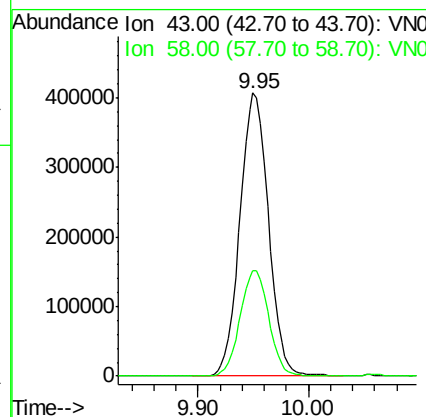
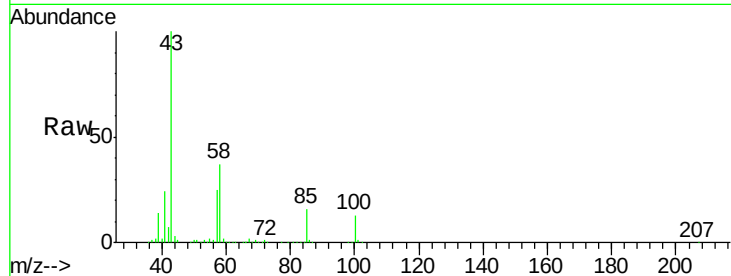
58 37.6 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 52.394 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062658.D

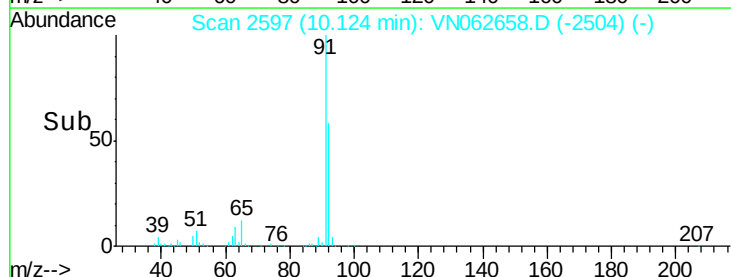
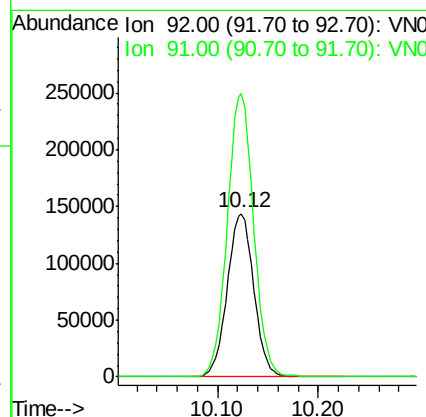
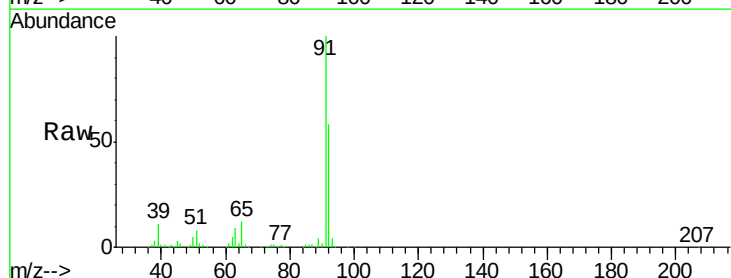
Acq: 30 Jul 2020 9:16

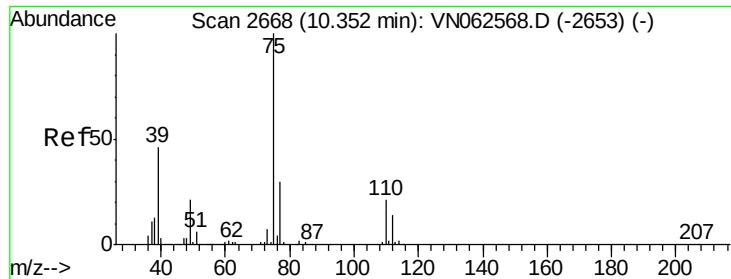
Tgt Ion: 92 Resp: 264459

Ion Ratio Lower Upper

92 100

91 171.9 139.4 209.2





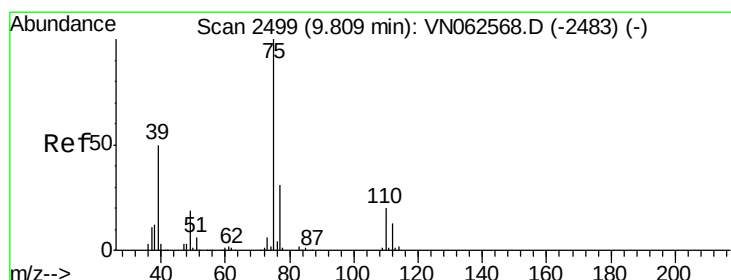
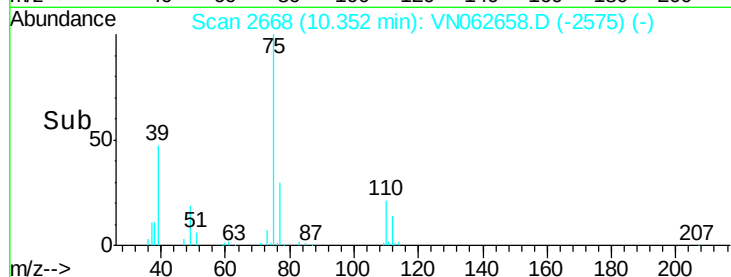
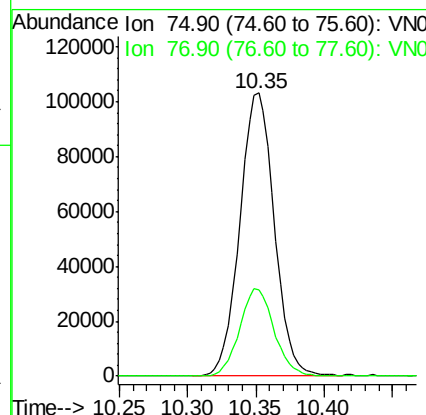
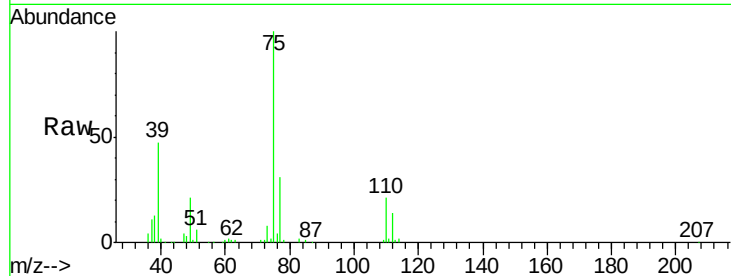
#53
t-1,3-Dichloropropene
Concen: 53.213 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.3	36.5

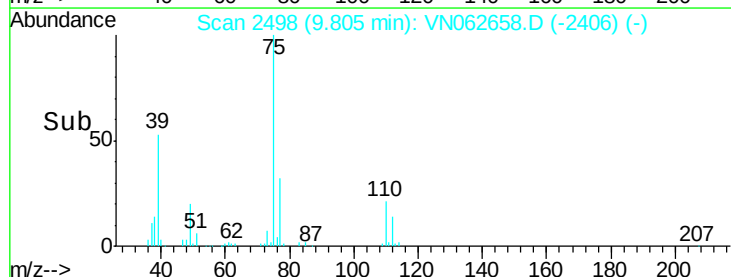
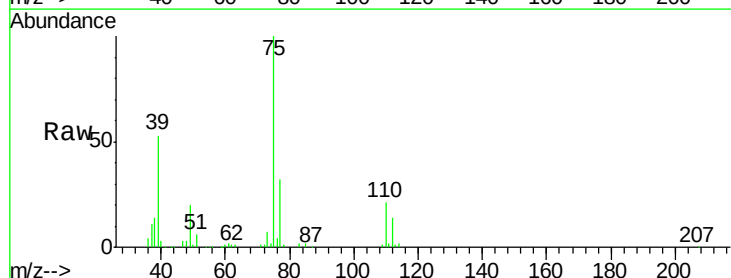
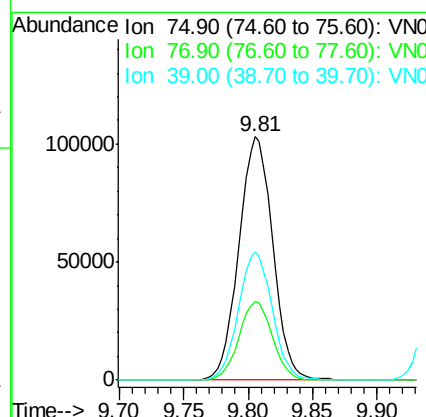
Manual Integrations
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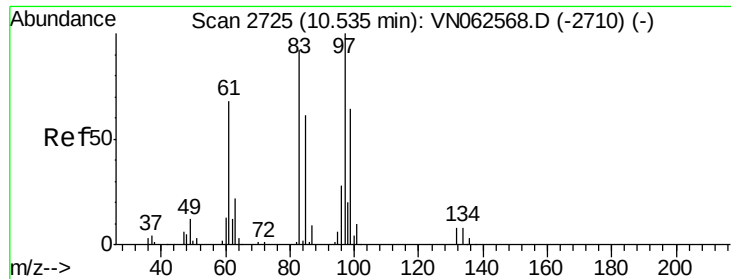
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.861 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.6
39	52.9	39.8	59.8





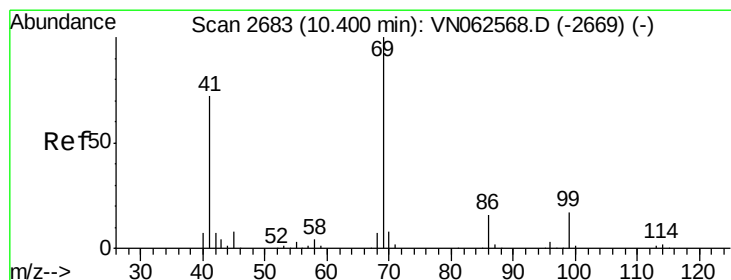
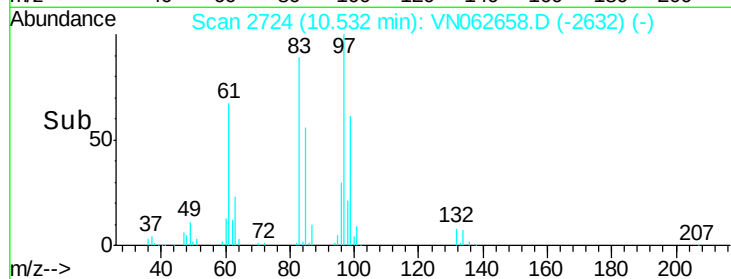
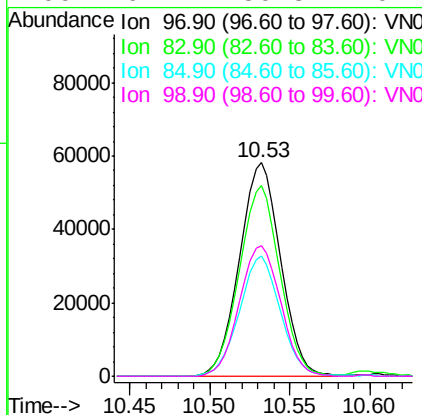
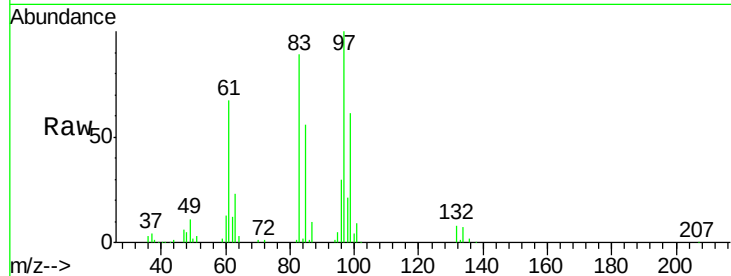
#55
 1,1,2-Trichloroethane
 Concen: 52.212 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	102224
Ion	Ratio	Lower	Upper
97	100		
83	89.0	73.7	110.5
85	56.1	48.5	72.7
99	61.2	50.8	76.2

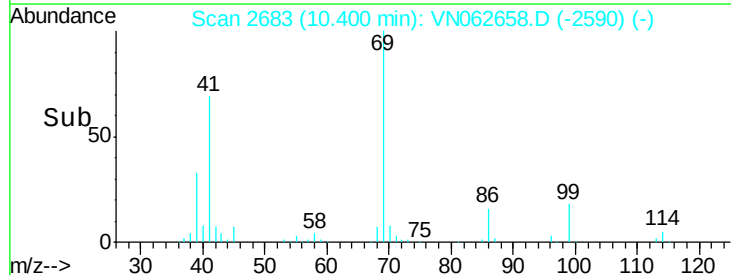
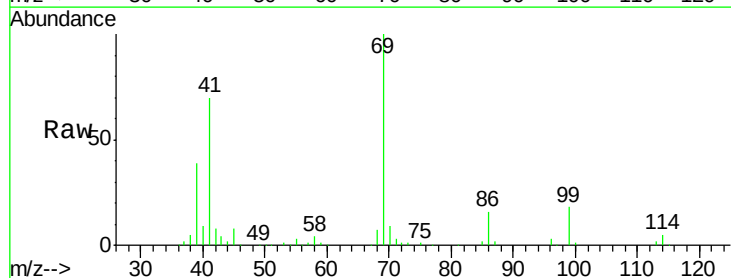
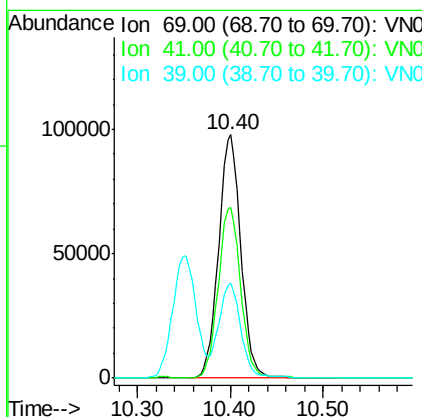
Manual Integrations
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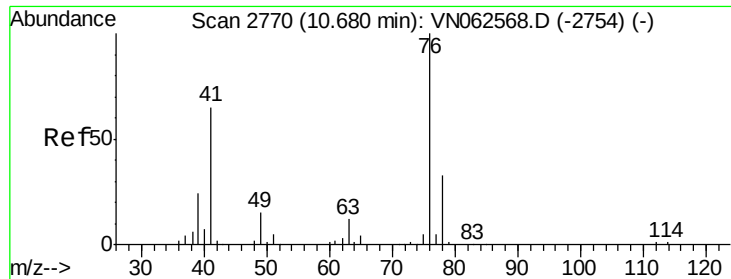
MMDadoda
 7/31/2020 11:56:45 AM



#56
 Ethyl methacrylate
 Concen: 46.491 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion:	69	Resp:	162991
Ion	Ratio	Lower	Upper
69	100		
41	70.2	57.2	85.8
39	39.2	28.6	43.0





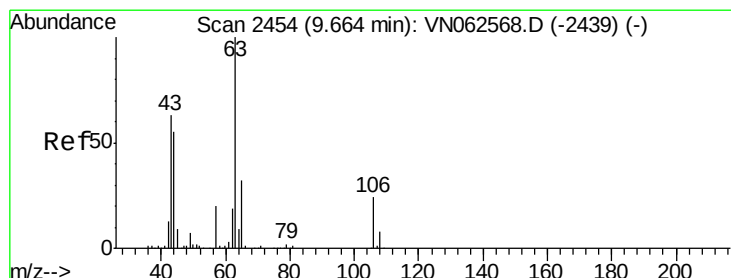
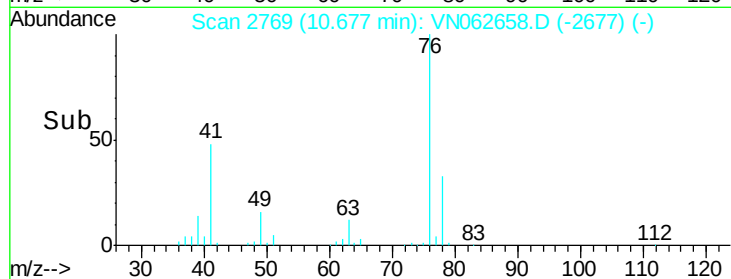
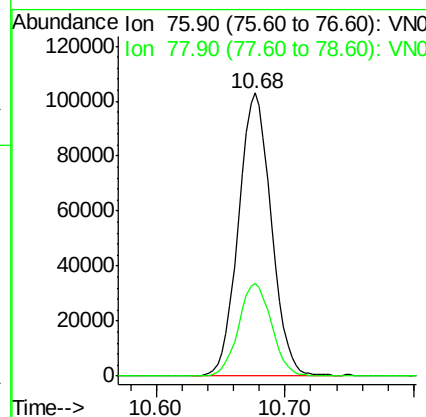
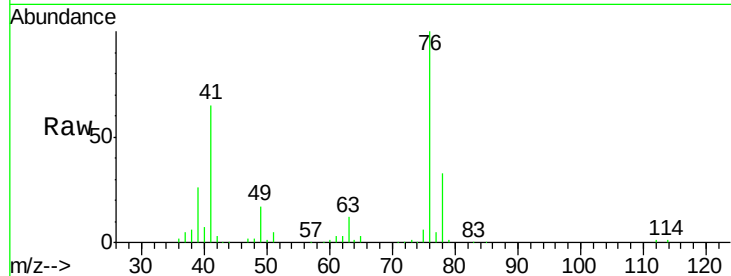
#57
 1,3-Dichloropropane
 Concen: 50.757 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.3	39.5

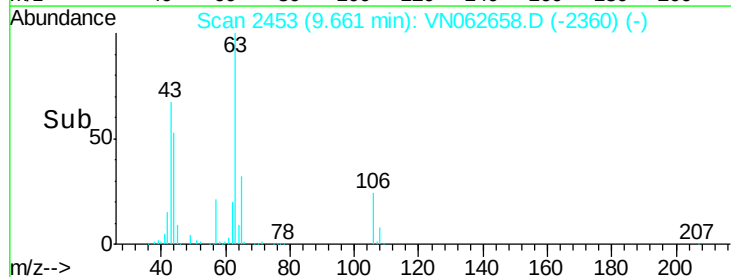
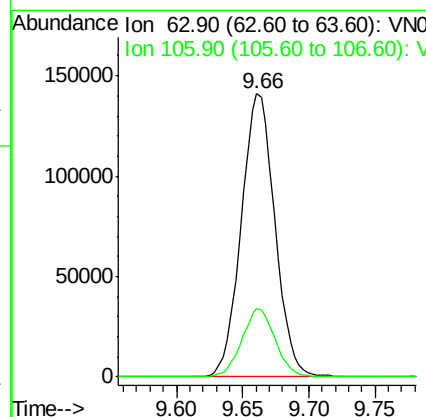
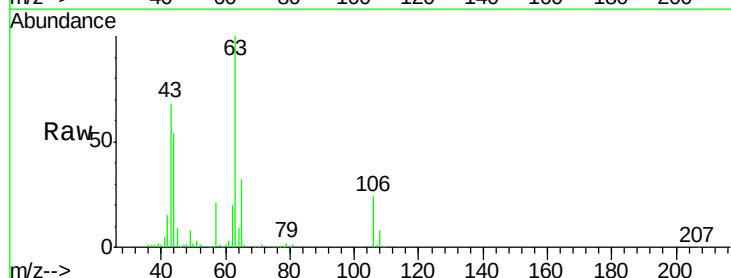
Manual Integrations
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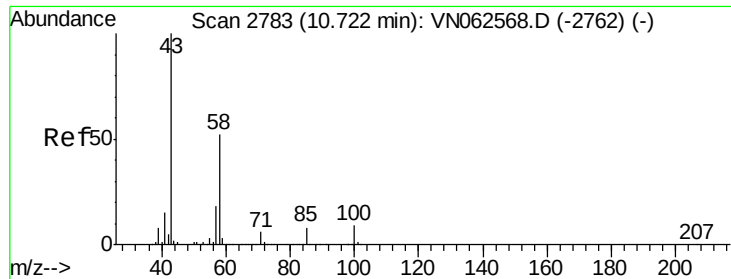
MMDadoda
 7/31/2020 11:56:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.015 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.8	18.9	28.3





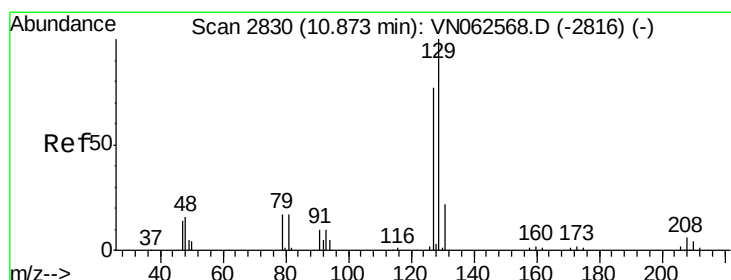
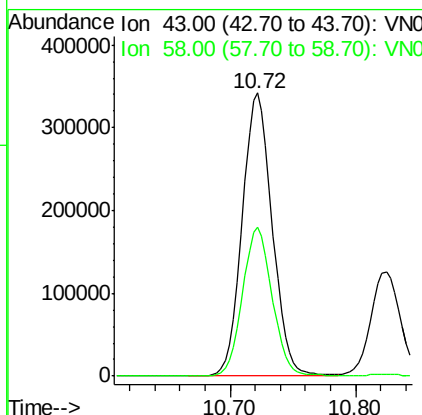
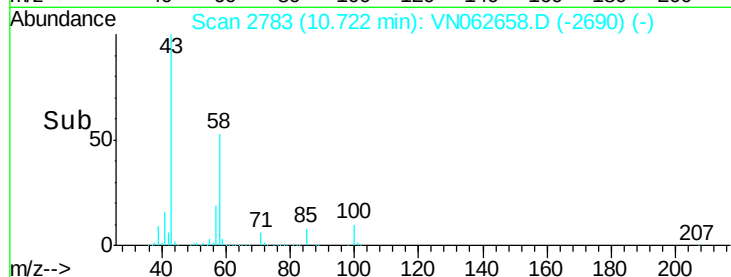
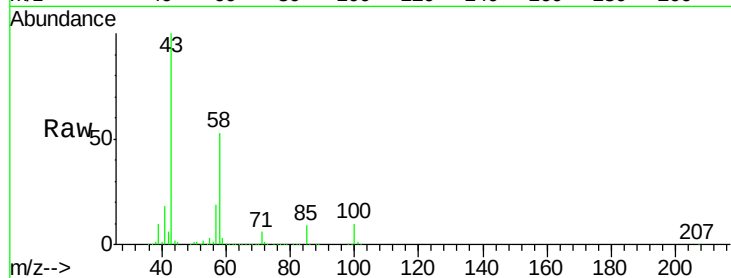
#59
2-Hexanone
Concen: 246.730 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 569560
Ion Ratio Lower Upper
43 100
58 51.9 26.0 78.0

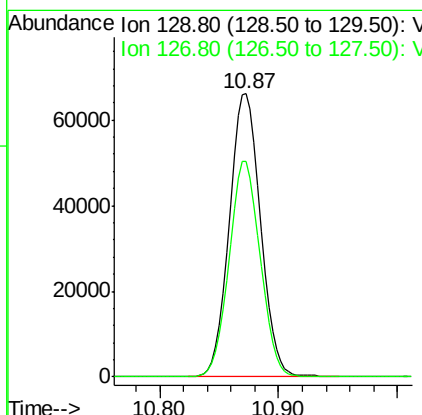
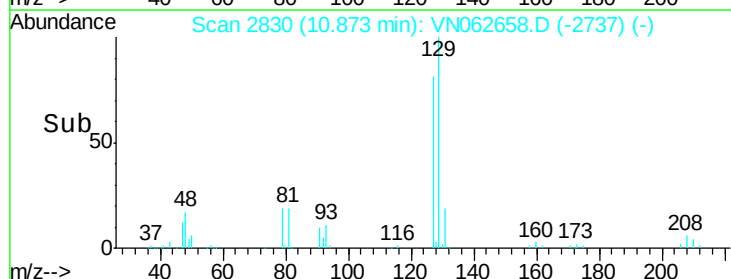
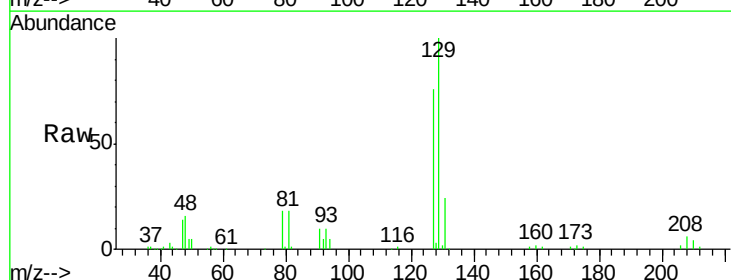
Manual Integrations
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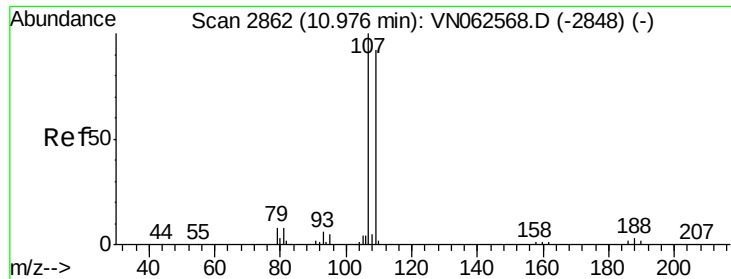
MMDadoda
7/31/2020 11:56:45 AM



#60
Dibromochloromethane
Concen: 55.066 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 129 Resp: 120273
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9





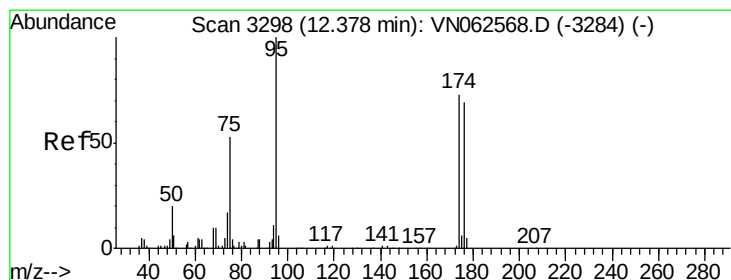
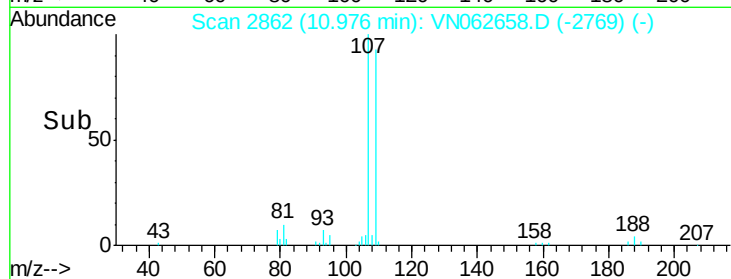
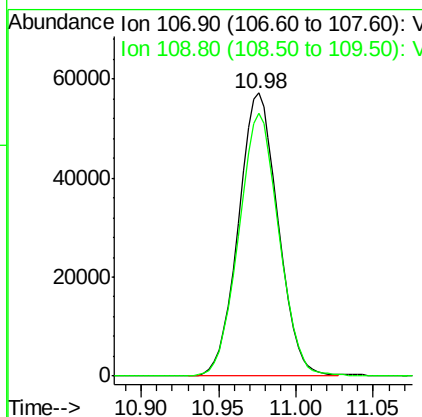
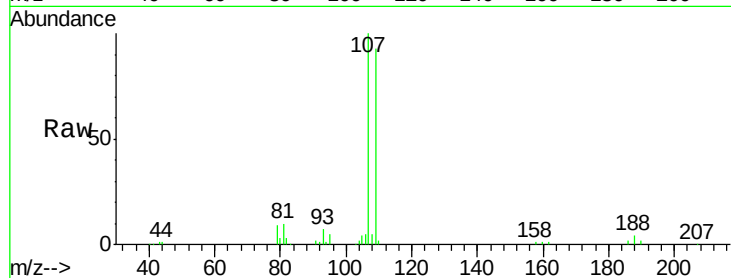
#61
 1,2-Dibromoethane
 Concen: 49.907 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.8	110.6

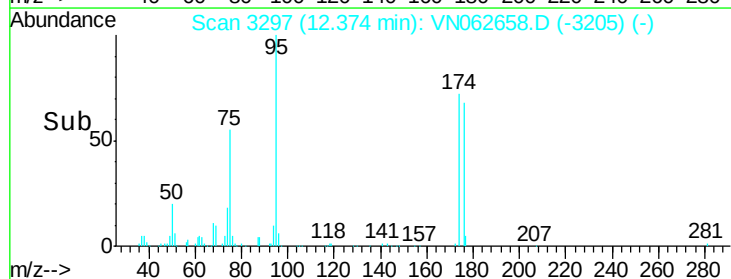
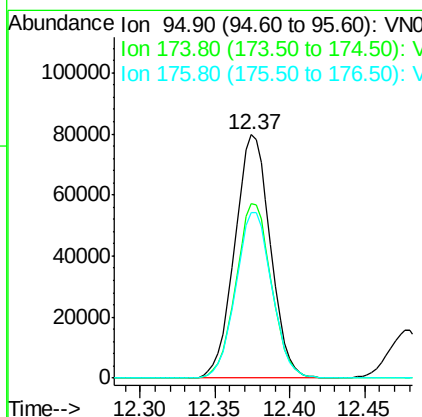
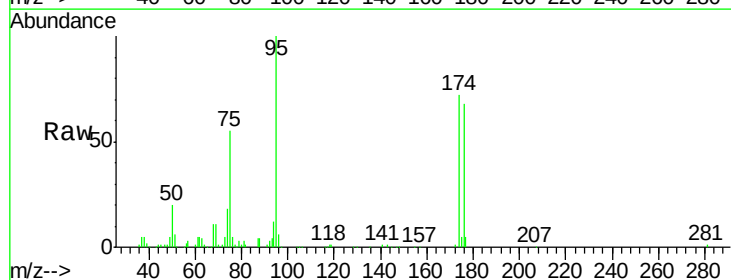
Manual Integrations
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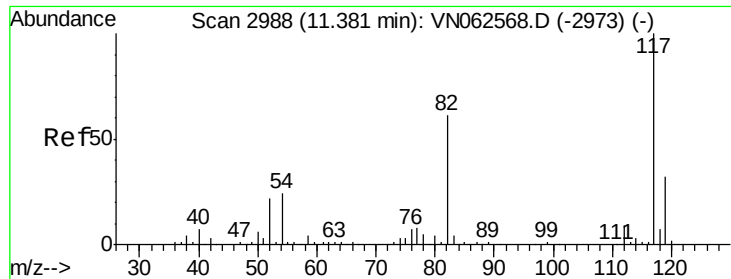
MMDadoda
 7/31/2020 11:56:45 AM



#62
 4-Bromofluorobenzene
 Concen: 51.263 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	144.6
176	69.0	0.0	139.4





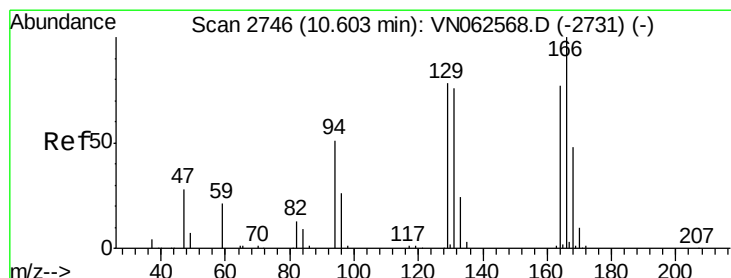
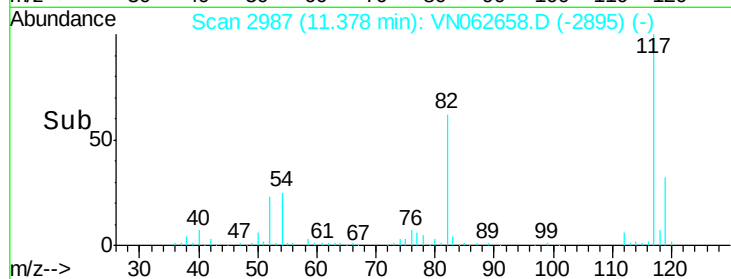
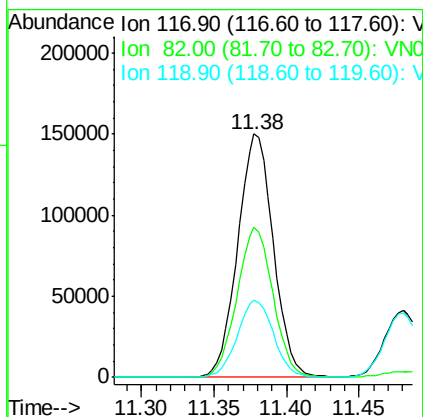
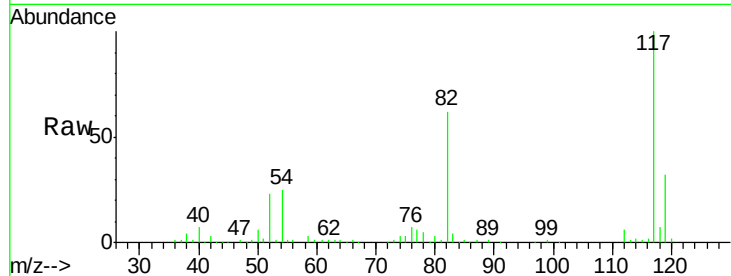
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.0	73.6
119	31.6	25.4	38.2

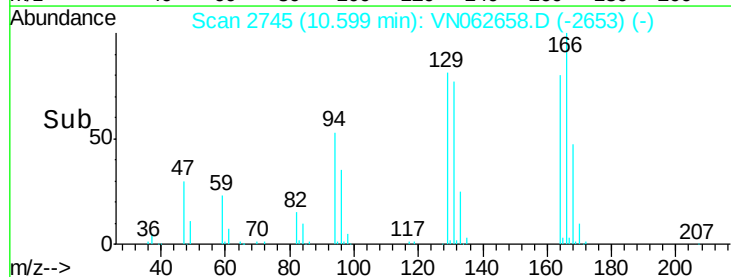
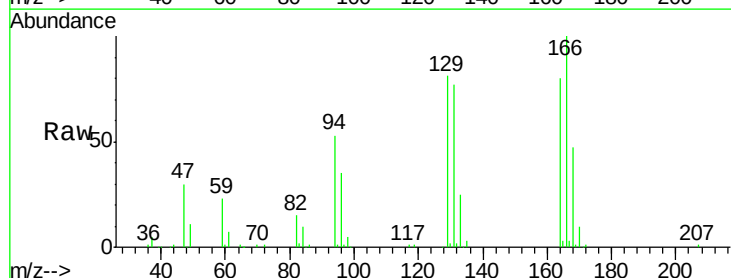
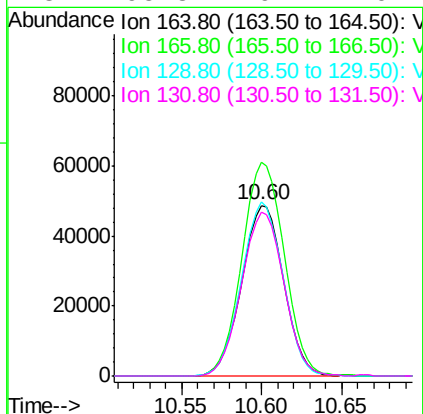
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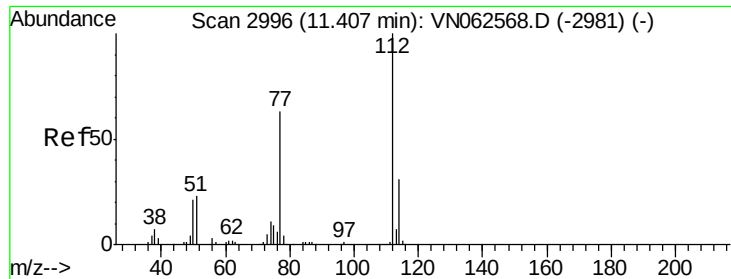
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#64
Tetrachloroethene
Concen: 52.214 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	104.4	156.6
129	101.5	81.0	121.4
131	95.8	79.4	119.2





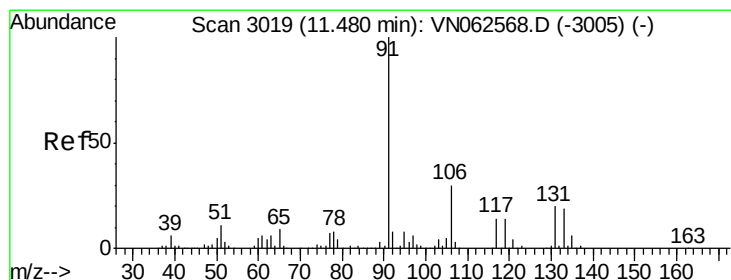
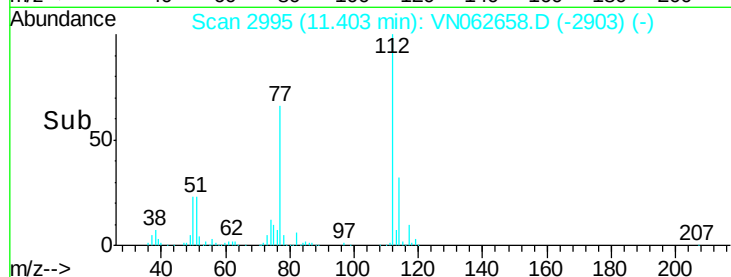
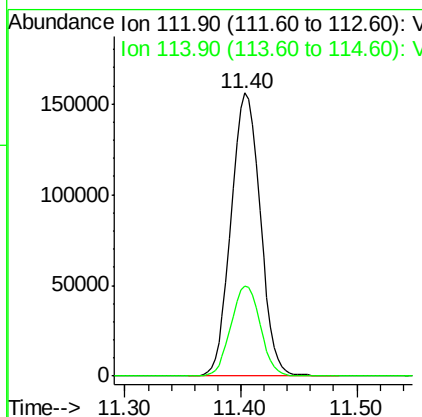
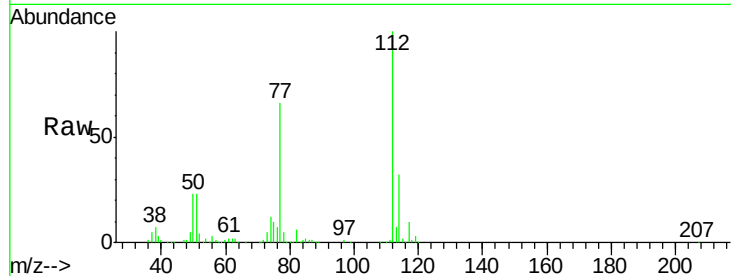
#65
Chlorobenzene
Concen: 50.549 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 272169
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

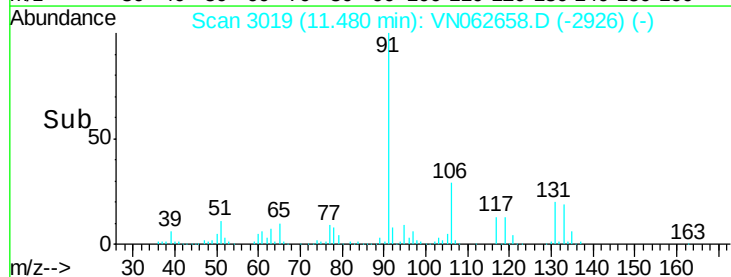
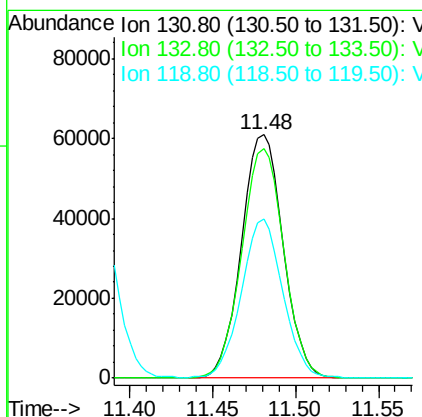
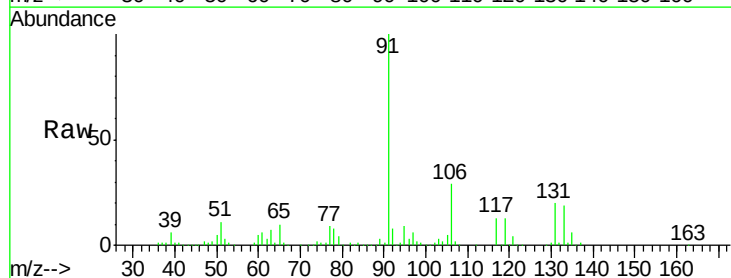
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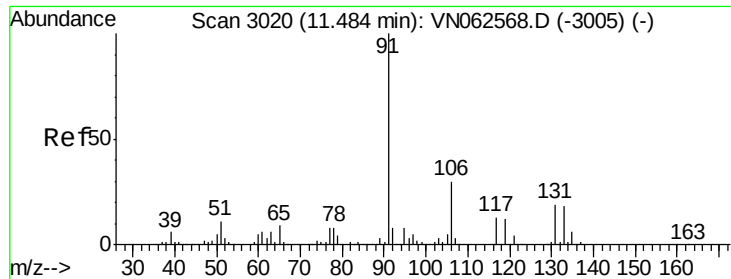
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.803 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion:131 Resp: 106955
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 64.8 33.7 101.0





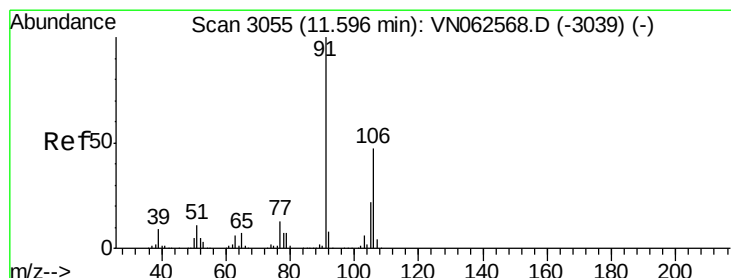
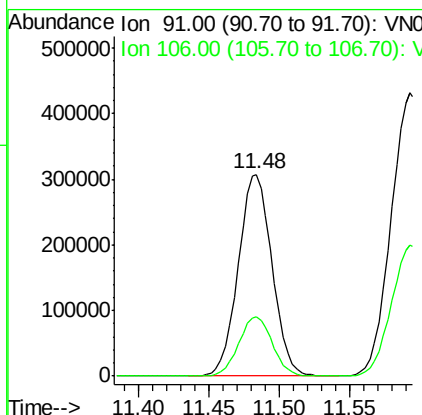
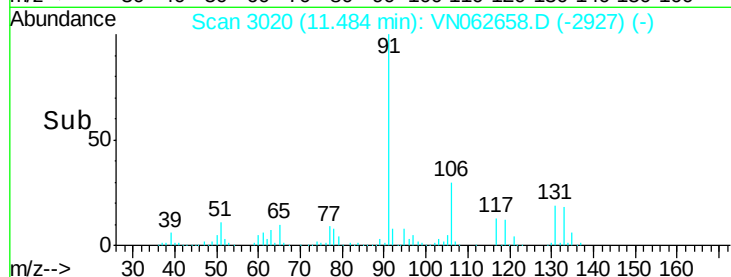
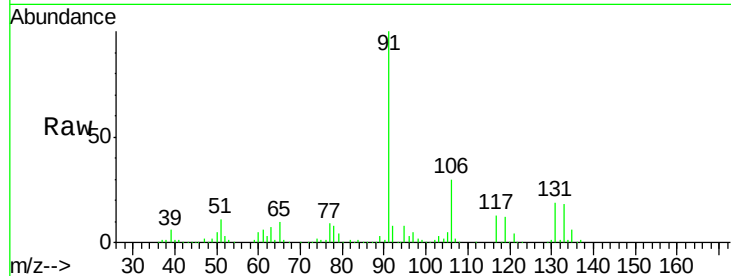
#67
Ethyl Benzene
Concen: 52.234 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 515664
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8

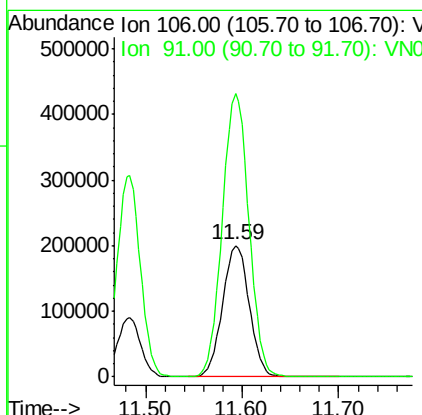
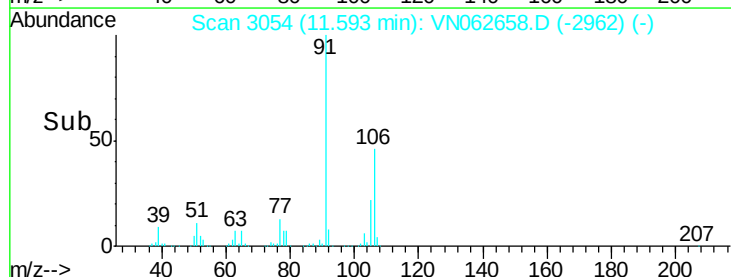
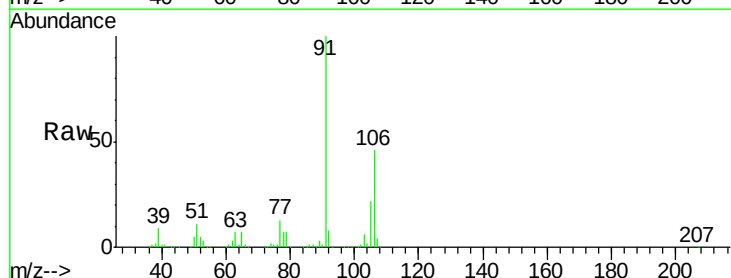
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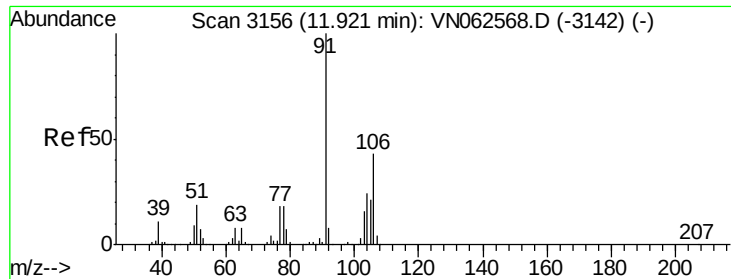
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#68
m/p-Xylenes
Concen: 108.584 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 106 Resp: 385291
Ion Ratio Lower Upper
106 100
91 214.4 171.4 257.2





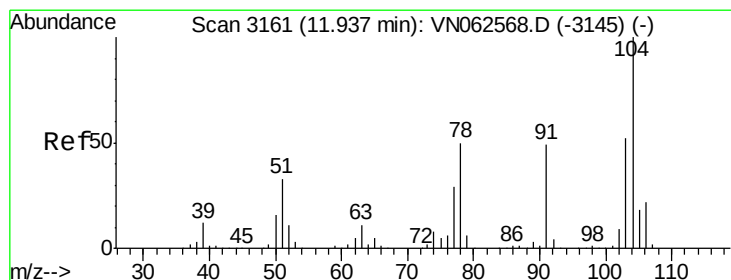
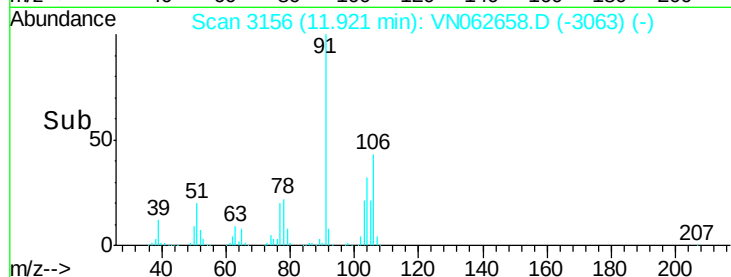
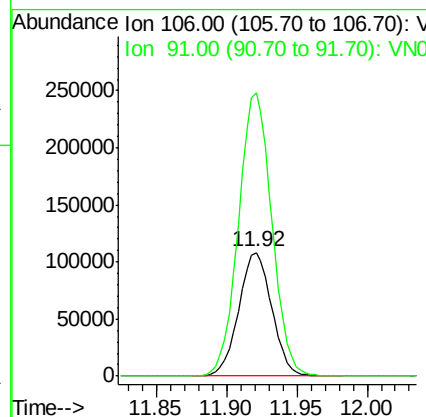
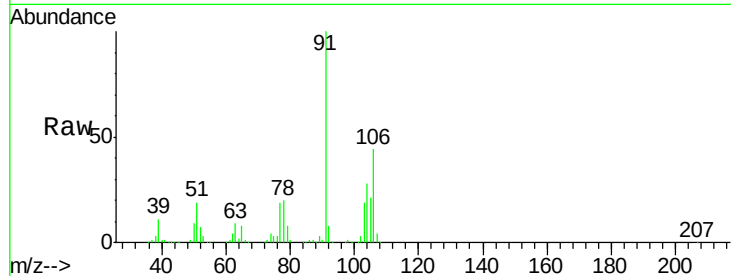
#69
o-Xylene
Concen: 52.928 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	230.6	113.8	341.2

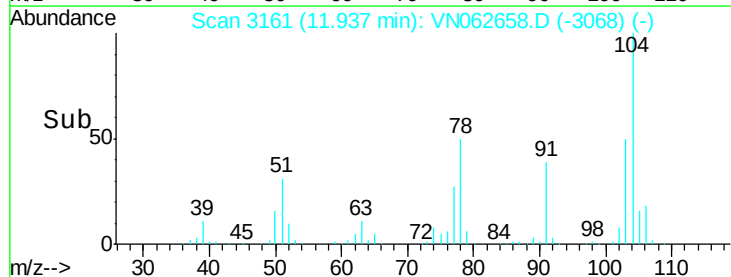
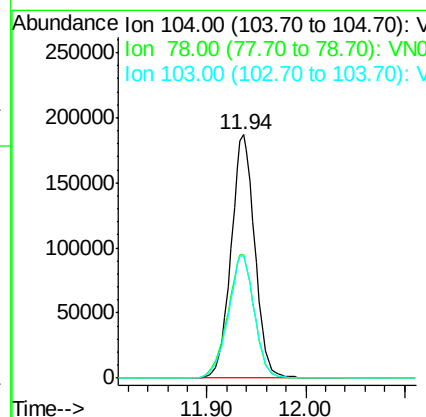
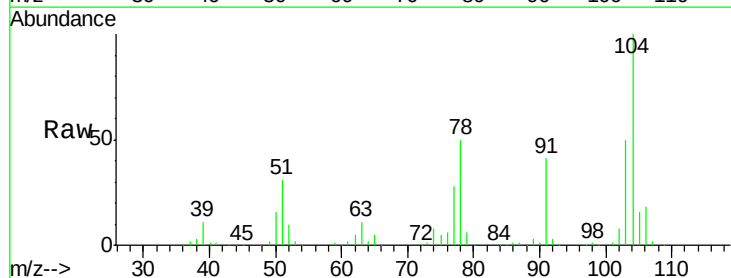
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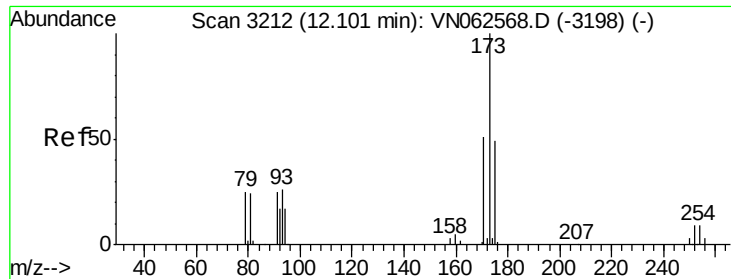
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#70
Styrene
Concen: 55.187 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.4	43.8	65.6
103	55.2	44.0	66.0





#71

Bromoform

Concen: 54.905 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

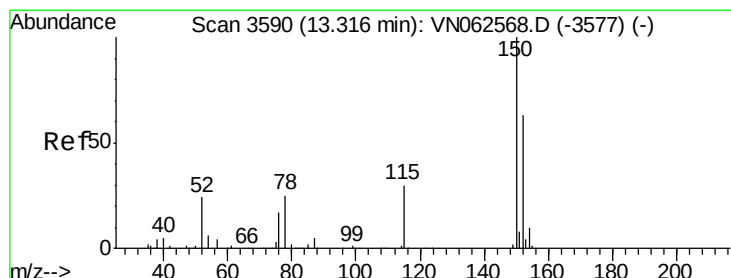
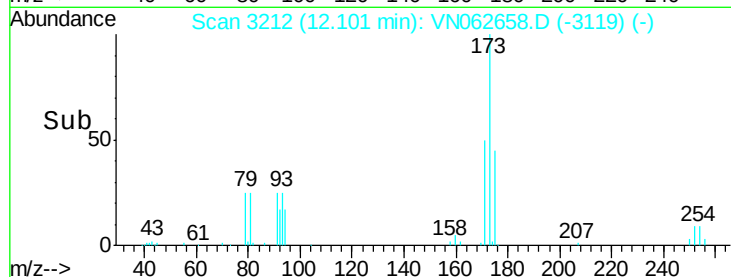
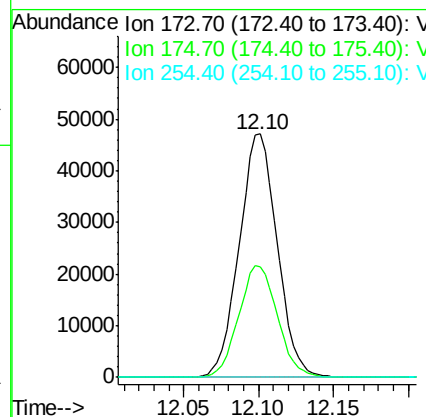
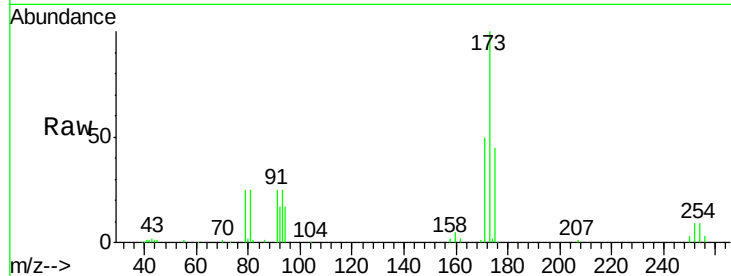
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

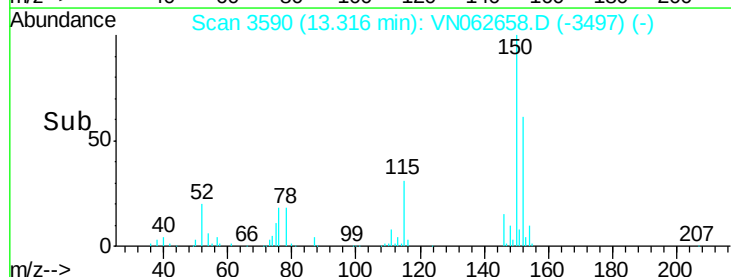
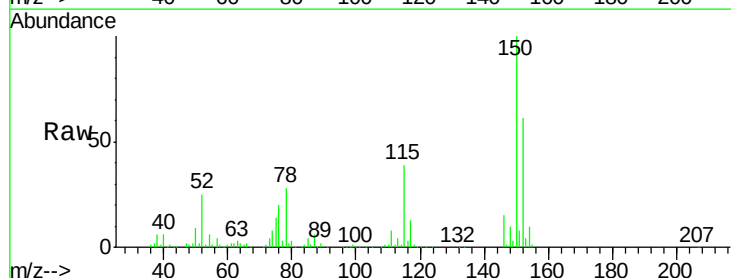
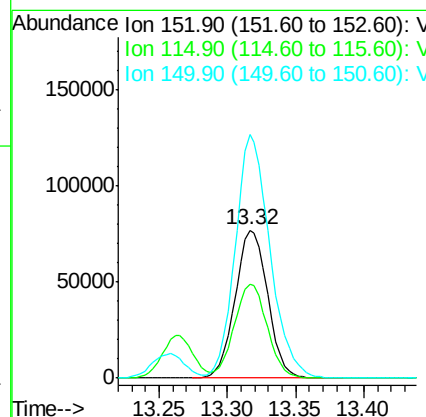
RT: 13.32 min Scan# 3590

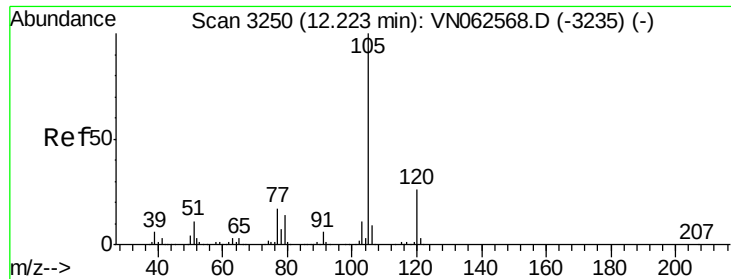
Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	31.8	95.4
150	174.6	0.0	351.4





#73

Isopropylbenzene

Concen: 50.195 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 503981

Ion Ratio Lower Upper

105 100

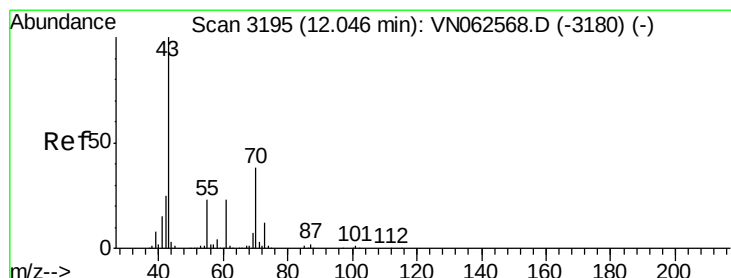
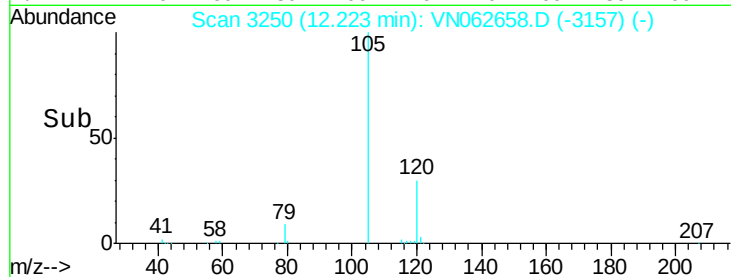
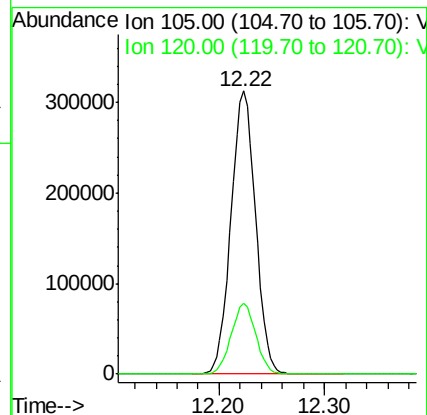
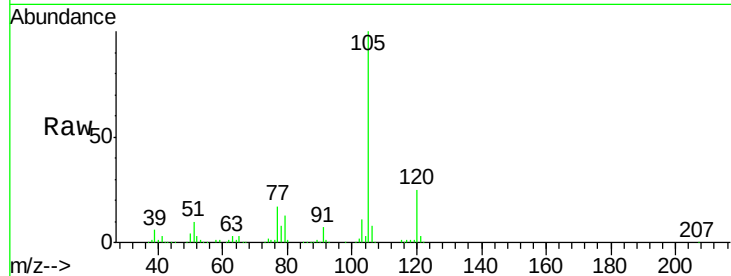
120 25.1 12.8 38.4

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#74

N-ethyl acetate

Concen: 47.519 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion: 43 Resp: 213071

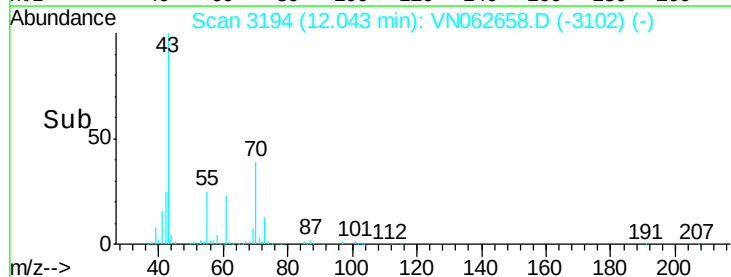
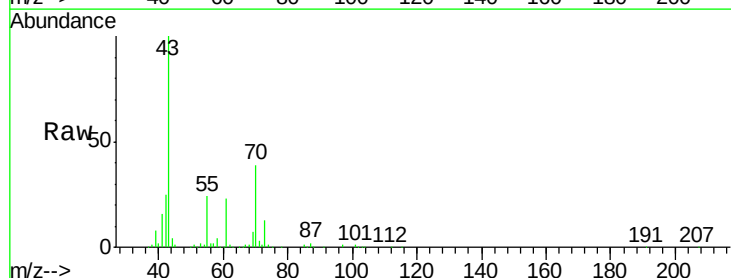
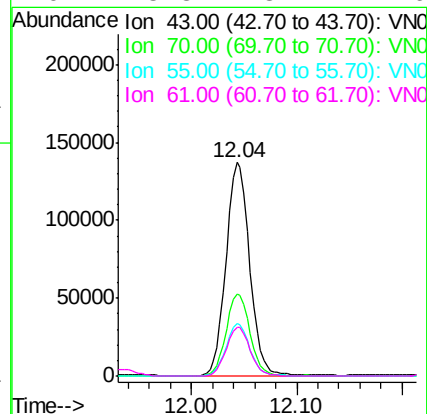
Ion Ratio Lower Upper

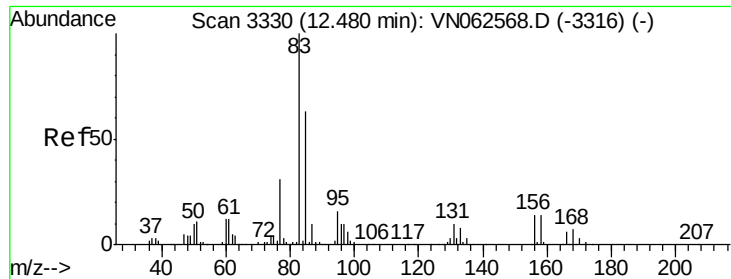
43 100

70 38.8 30.5 45.7

55 24.9 19.0 28.6

61 23.3 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.974 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

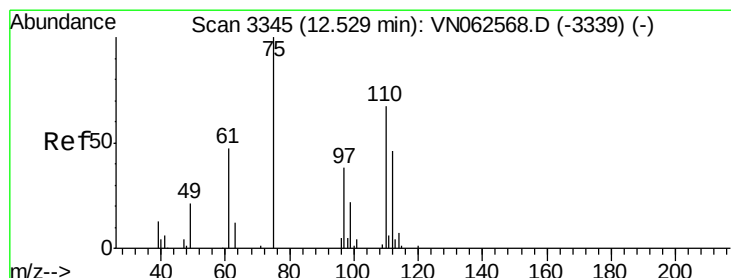
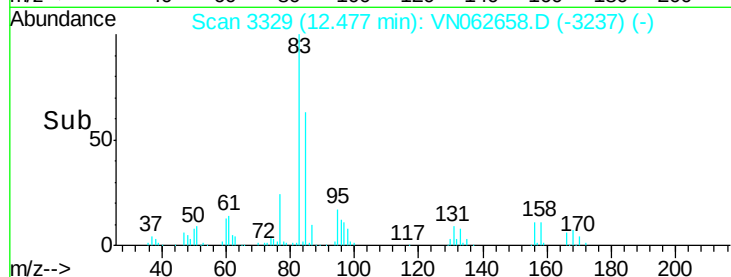
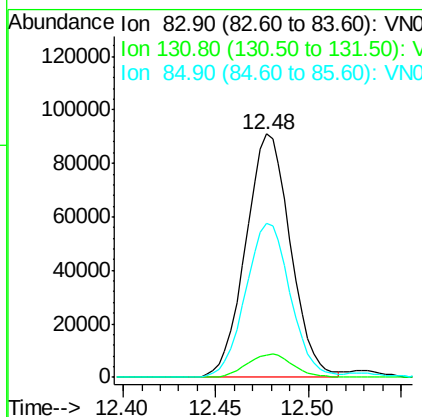
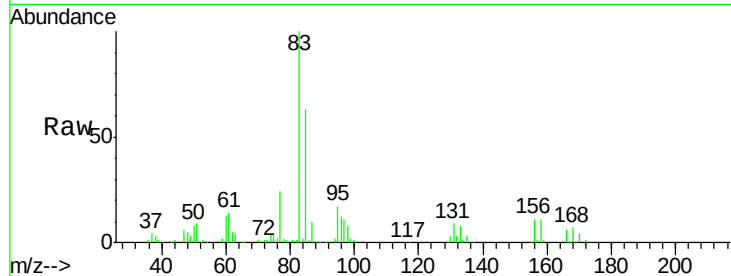
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	153425
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.8	14.3
85	63.3	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 45.230 ug/l m

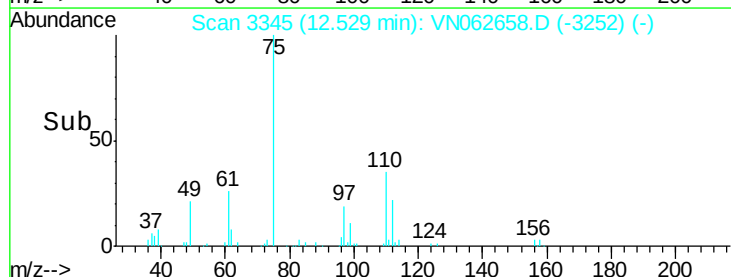
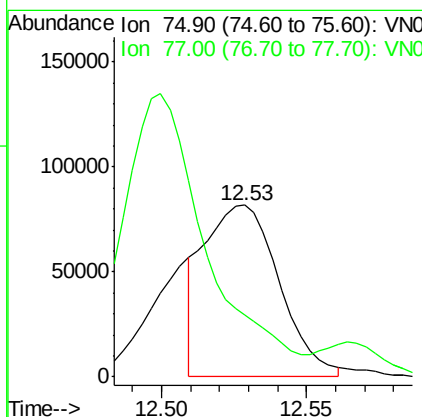
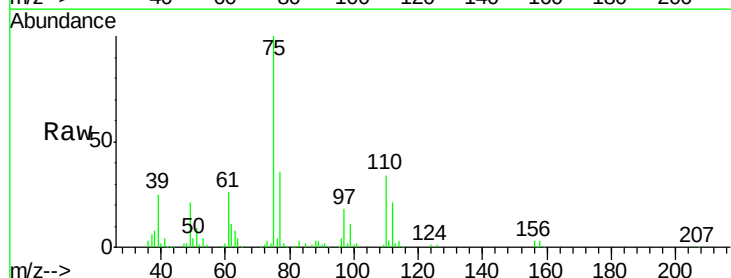
RT: 12.53 min Scan# 3345

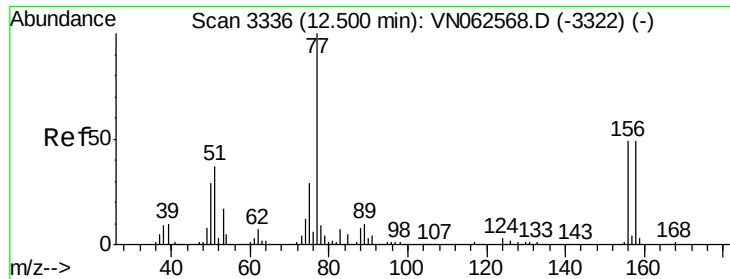
Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion:	75	Resp:	146187
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.201 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

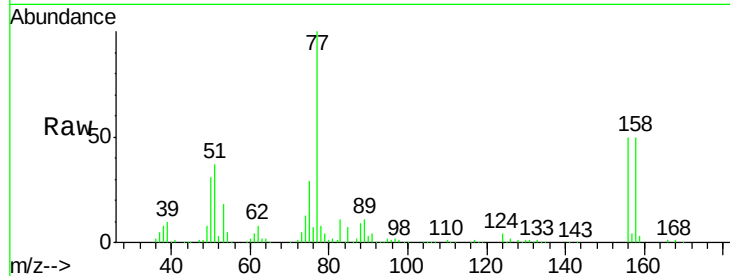
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	239.0	122.8	368.3
158	100.4	49.4	148.0

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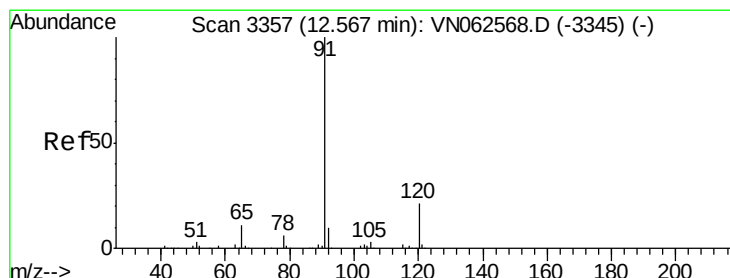
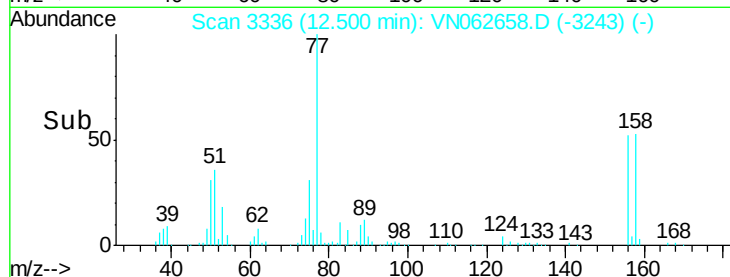
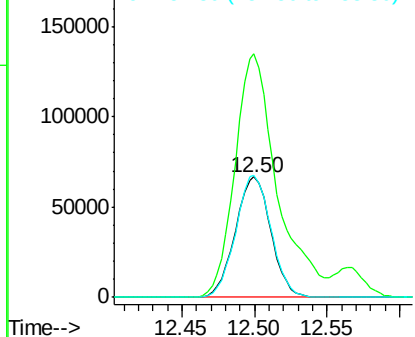
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.853 ug/l

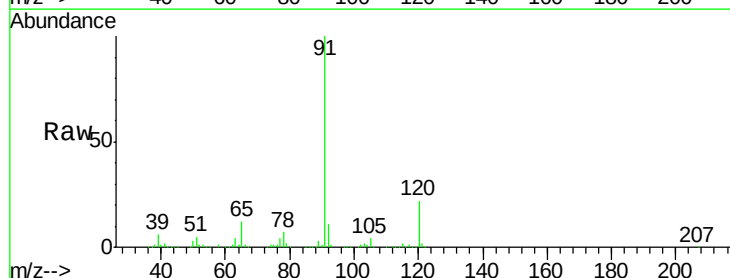
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062658.D

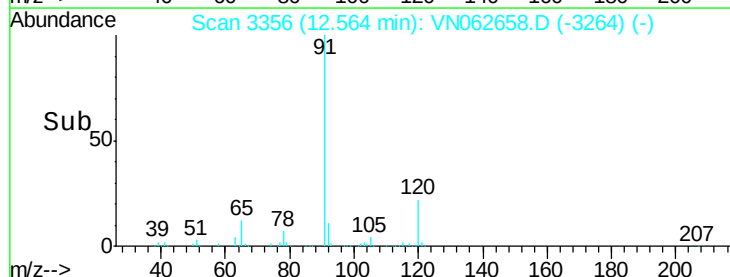
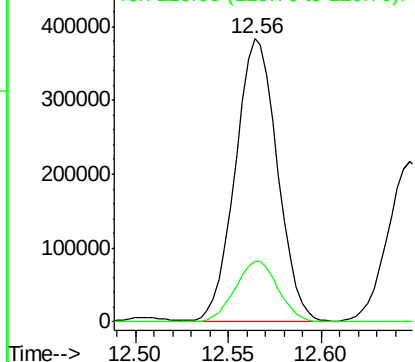
Acq: 30 Jul 2020 9:16

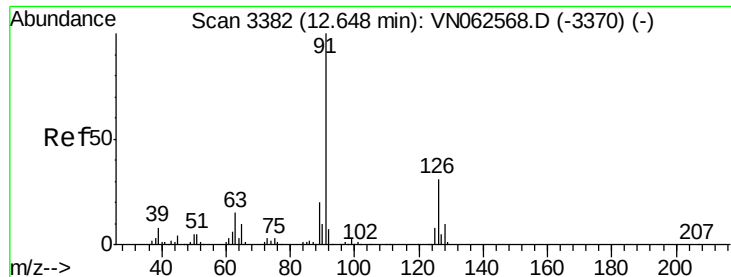
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.286 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 357224

Ion Ratio Lower Upper

91 100

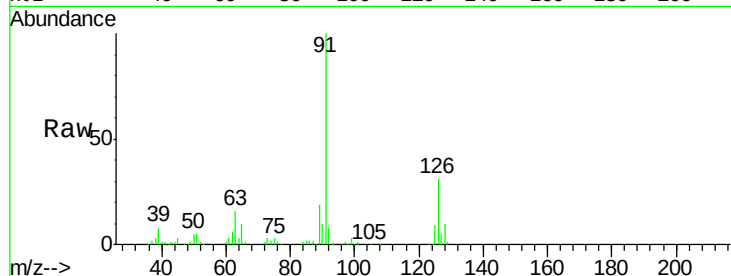
126 31.2 15.9 47.6

Manual Integrations

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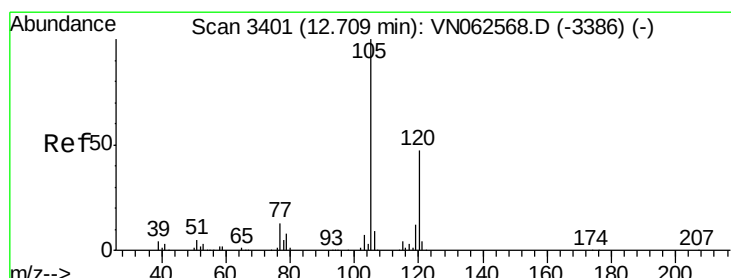
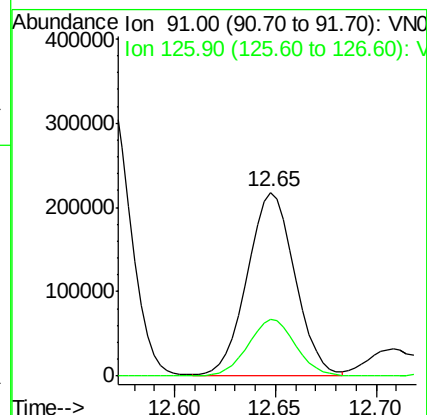
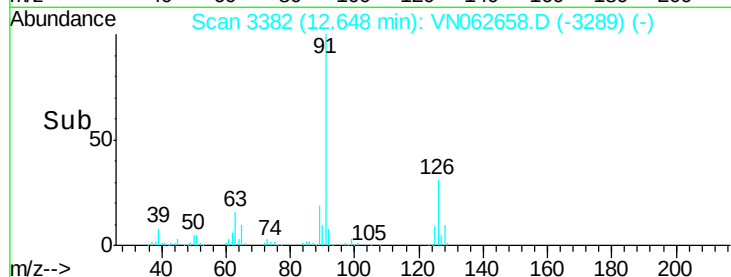
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Abundance Ion 91.00 (90.70 to 91.70): VN062658.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062658.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.218 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062658.D

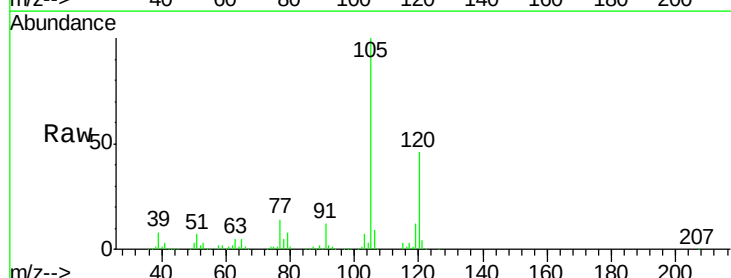
Acq: 30 Jul 2020 9:16

Tgt Ion: 105 Resp: 443220

Ion Ratio Lower Upper

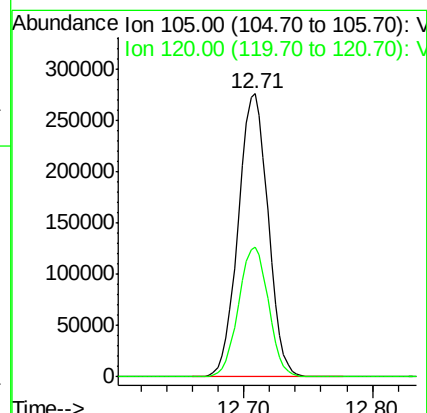
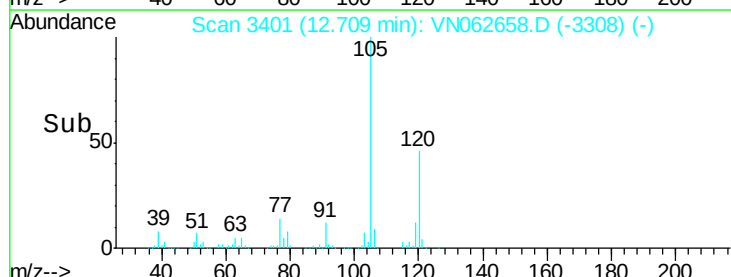
105 100

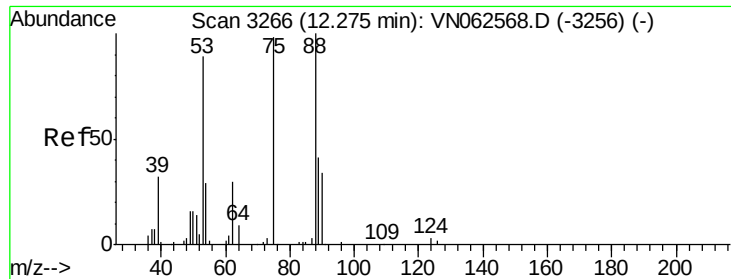
120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062658.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062658.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.095 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

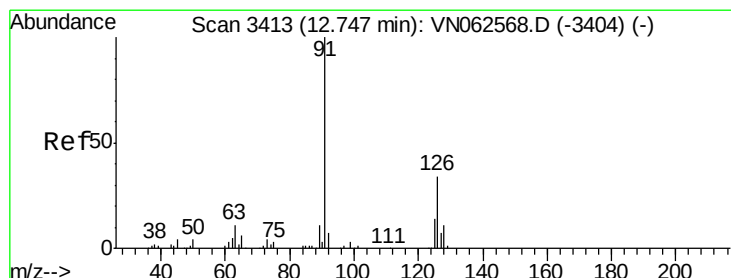
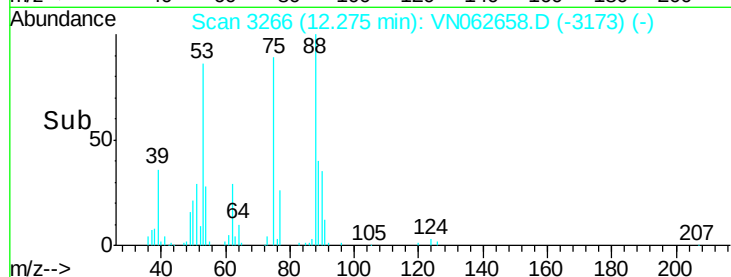
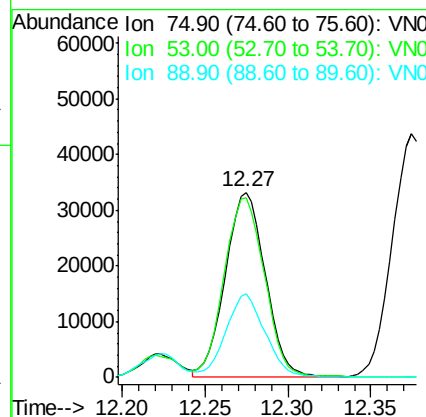
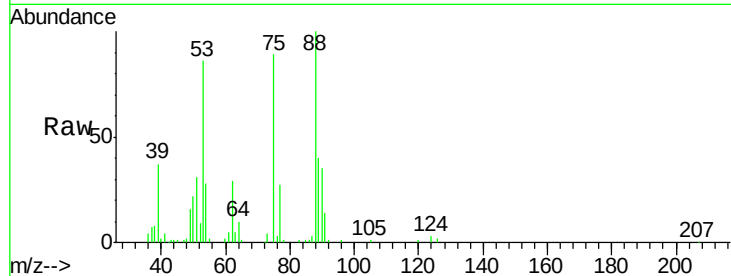
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	55840
Ion	Ratio	Lower	Upper
75	100		
53	98.3	75.4	113.0
89	44.1	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.749 ug/l

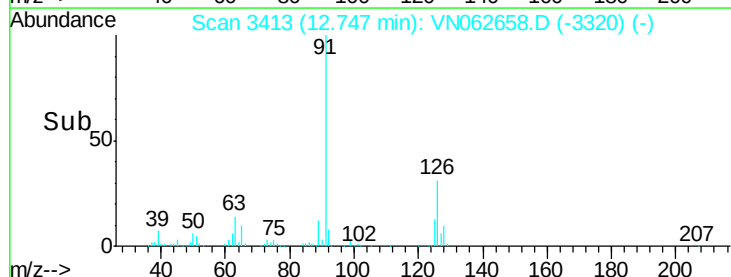
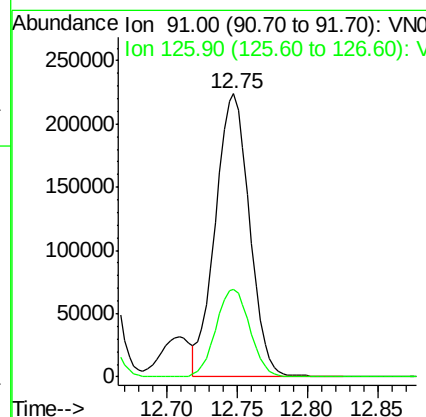
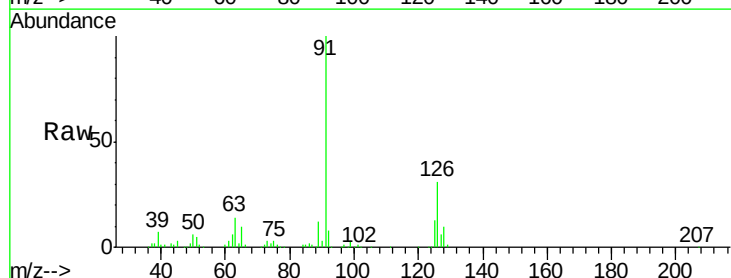
RT: 12.75 min Scan# 3413

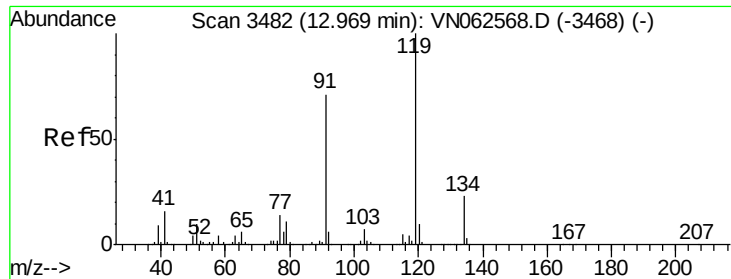
Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion:	91	Resp:	375322
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.4





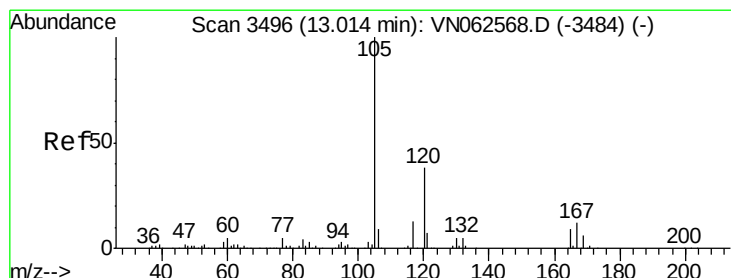
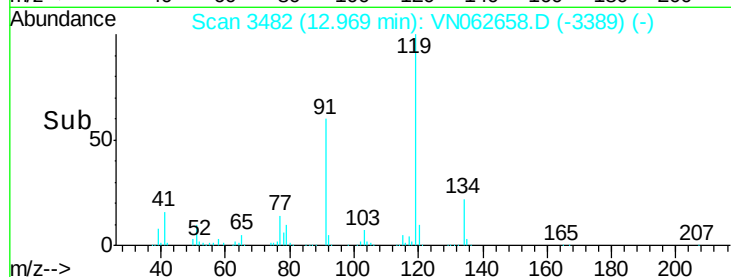
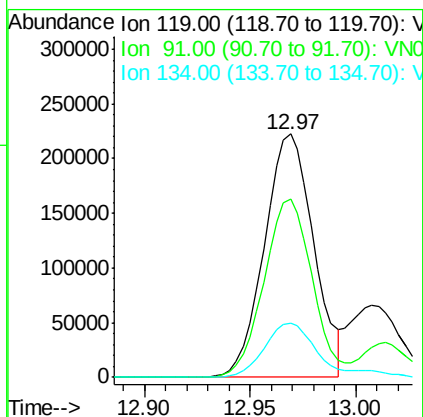
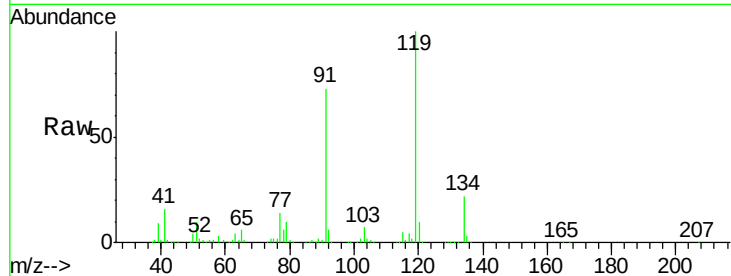
#83
 tert-Butylbenzene
 Concen: 52.329 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.4	34.6	103.8
134	23.0	11.5	34.4

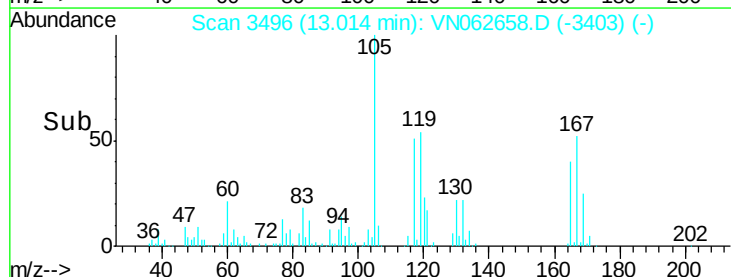
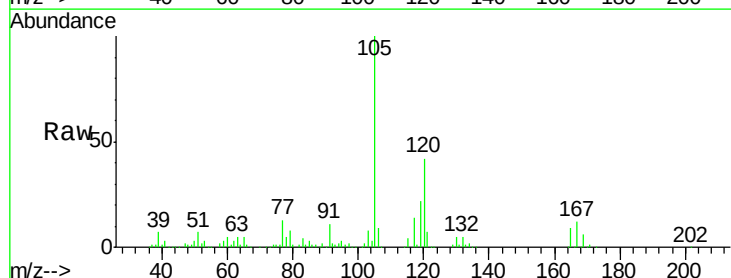
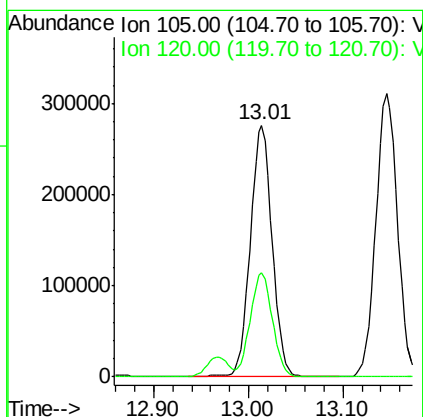
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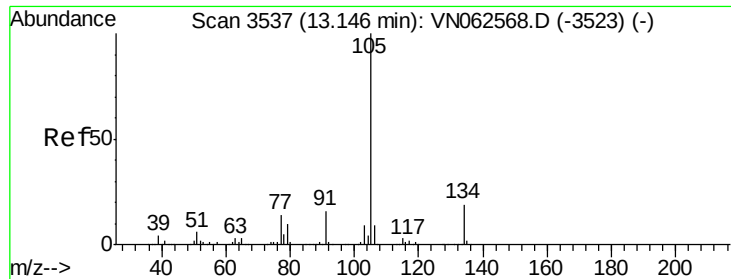
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.138 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.0	22.1	66.3





#85

sec-Butylbenzene

Concen: 53.122 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 491837

Ion Ratio Lower Upper

105 100

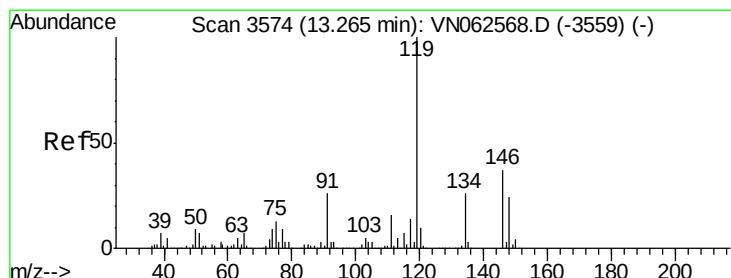
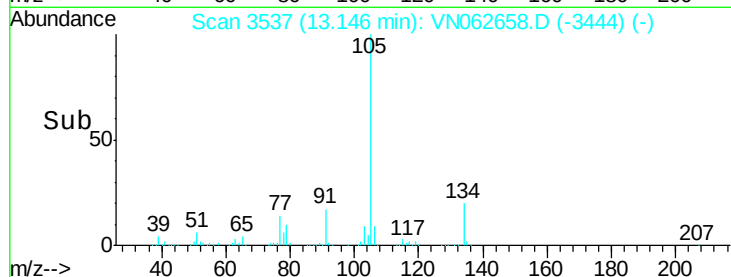
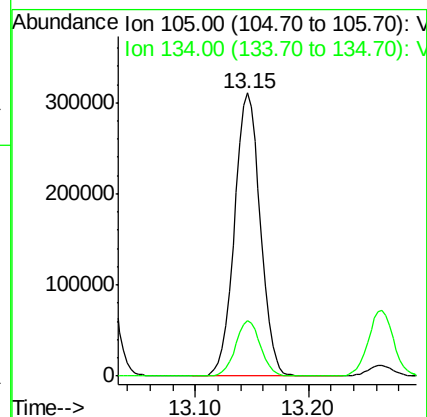
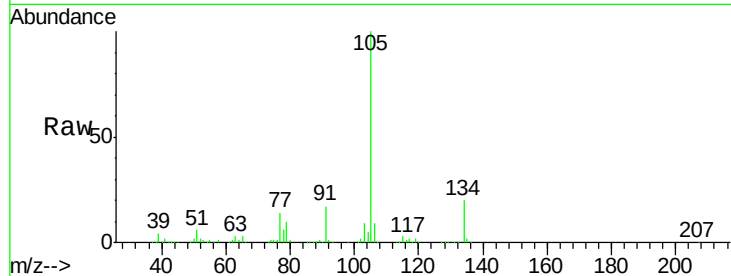
134 19.0 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.939 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

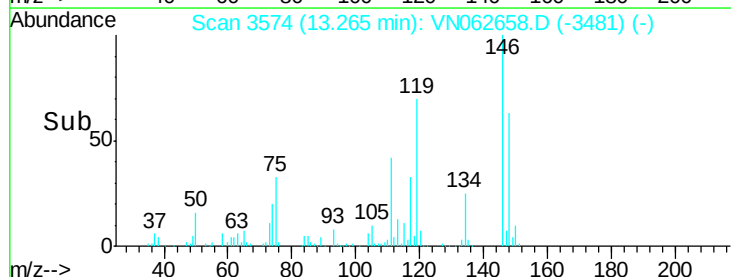
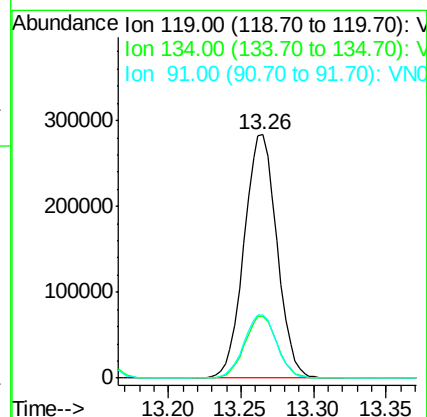
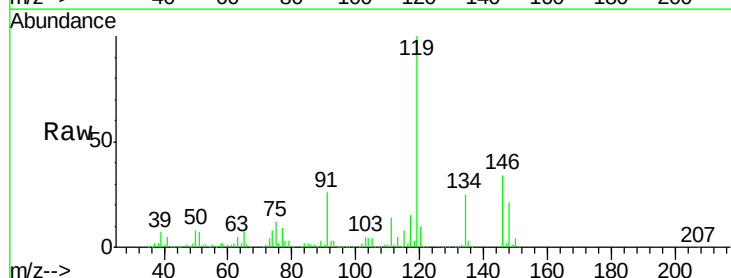
Tgt Ion:119 Resp: 445445

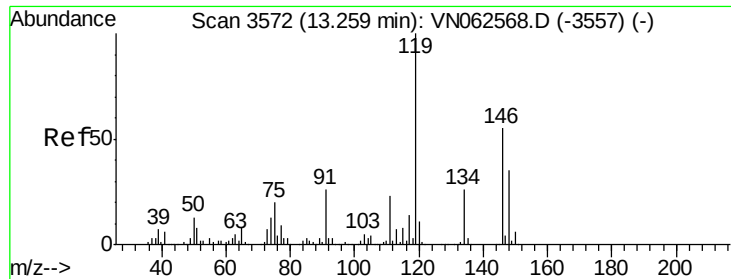
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 26.0 12.7 38.1





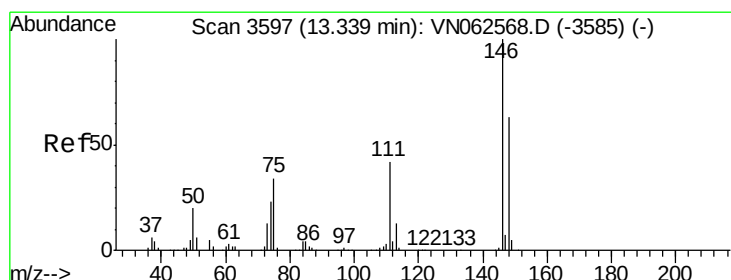
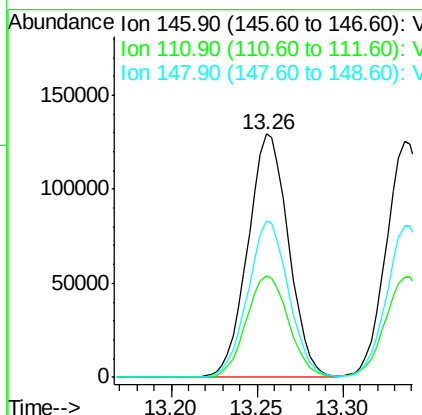
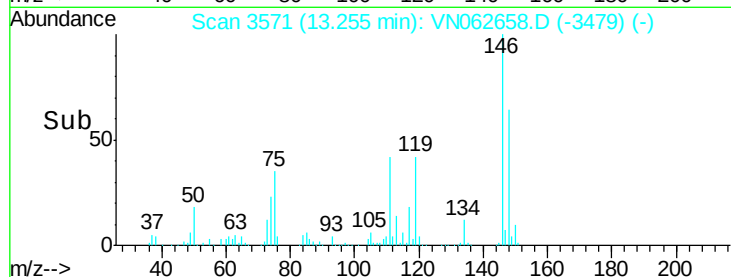
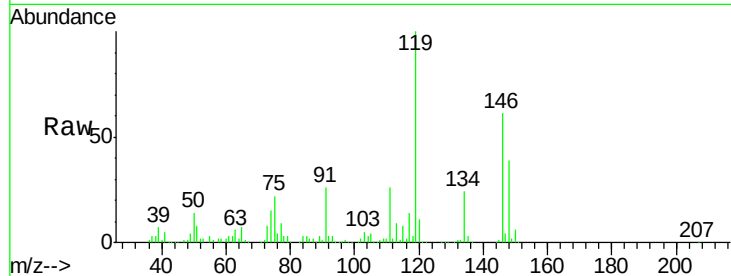
#87
 1,3-Dichlorobenzene
 Concen: 50.202 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.6
148	64.4	31.8	95.4

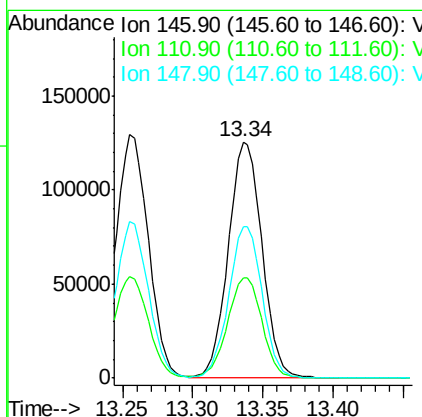
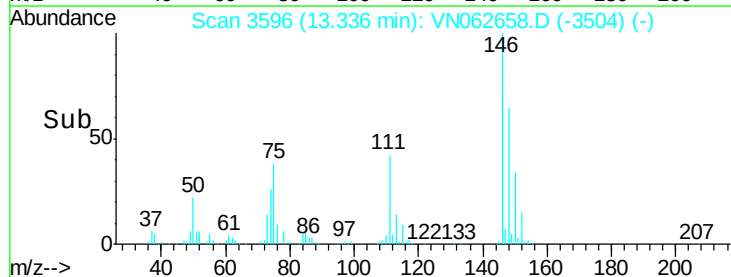
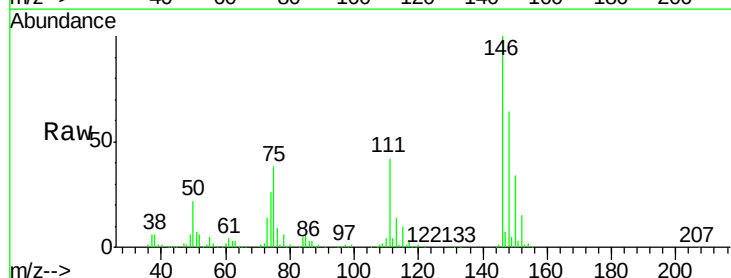
Manual Integrations
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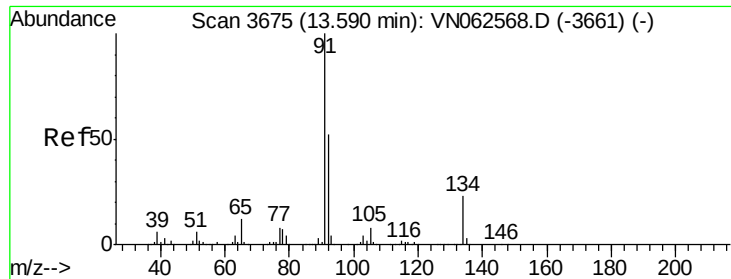
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#88
 1,4-Dichlorobenzene
 Concen: 50.320 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.1	63.1
148	63.3	31.6	94.8





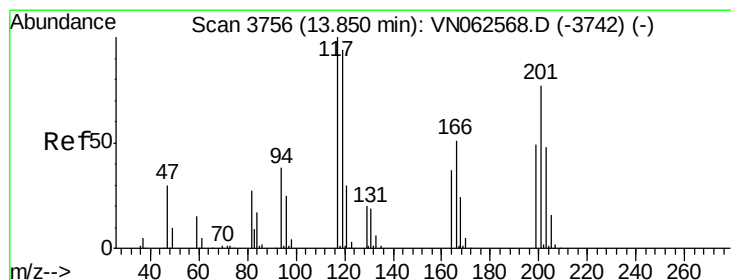
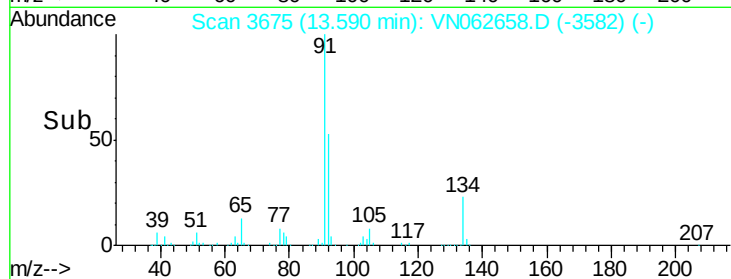
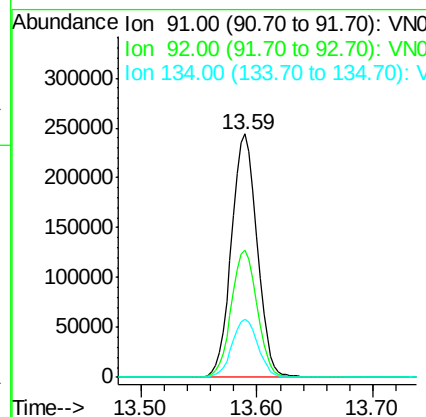
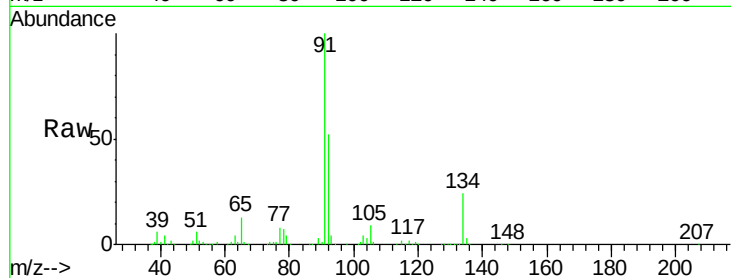
#89
n-Butylbenzene
Concen: 54.713 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.8	77.3
134	24.1	11.8	35.3

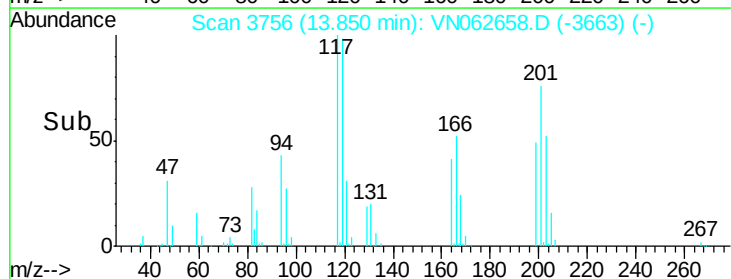
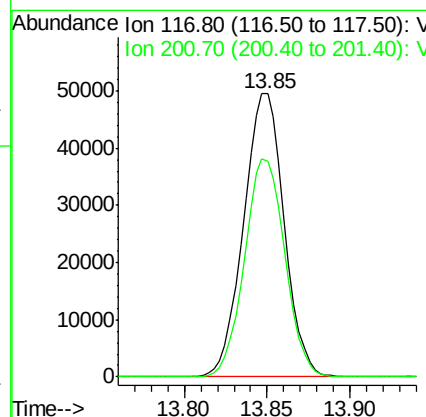
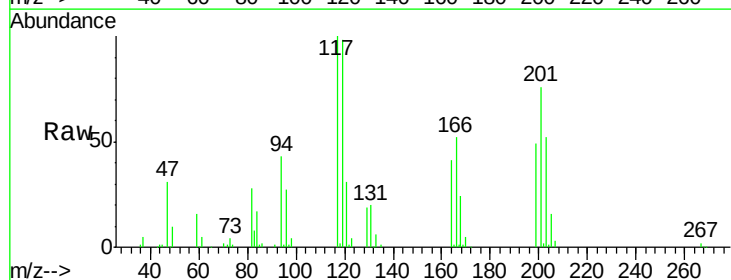
Manual Integrations
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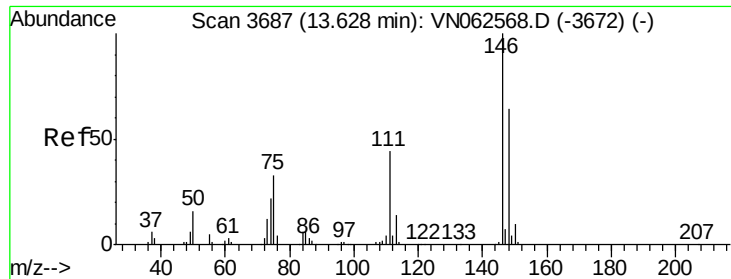
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#90
Hexachloroethane
Concen: 49.738 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.6	39.2	117.6





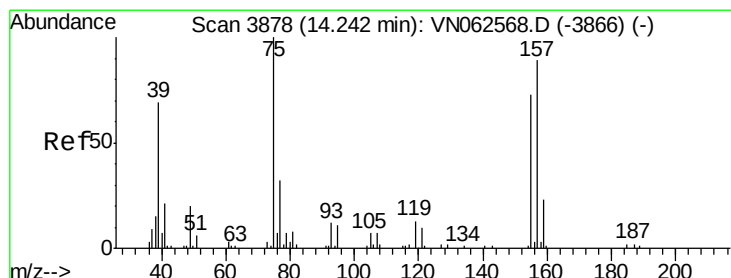
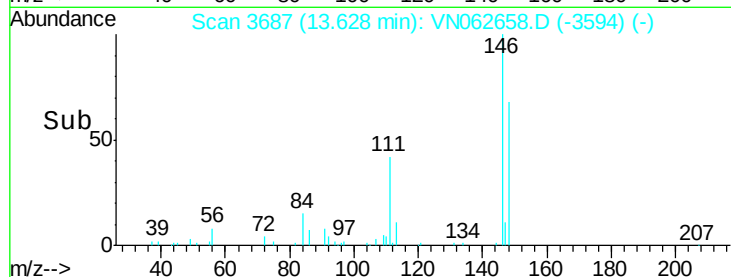
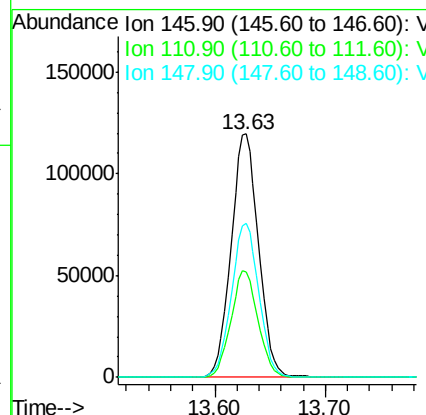
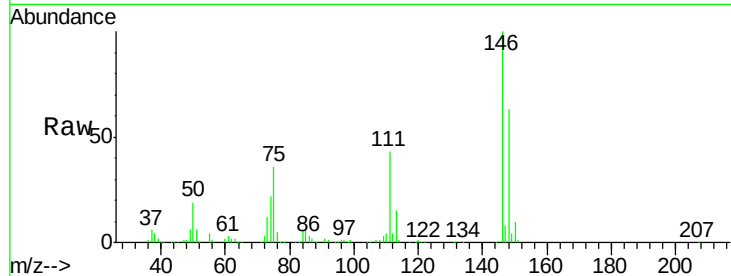
#91
 1,2-Dichlorobenzene
 Concen: 50.856 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.9	65.8
148	63.4	31.6	94.7

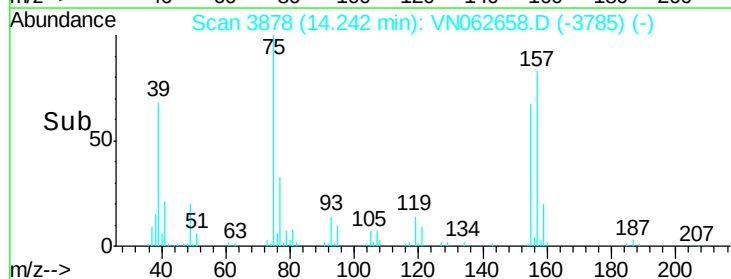
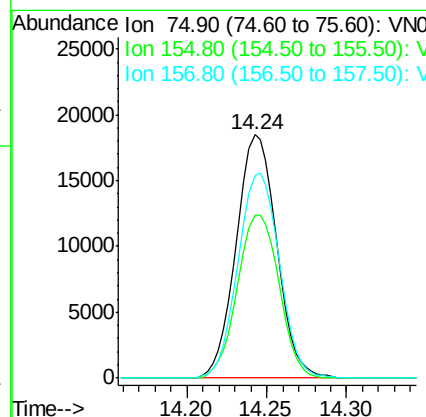
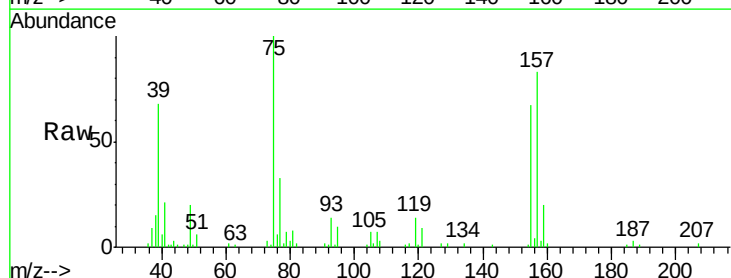
Manual Integrations
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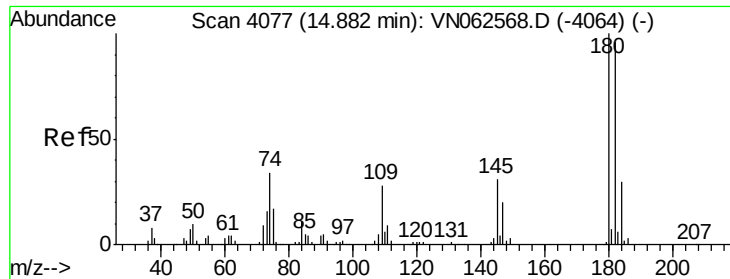
MMDadoda
 7/31/2020 11:56:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.392 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	35.9	107.5
157	86.1	45.0	135.0





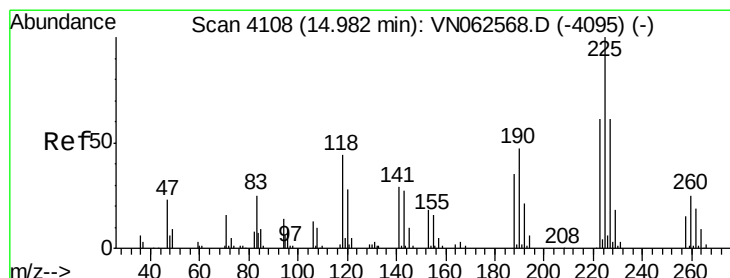
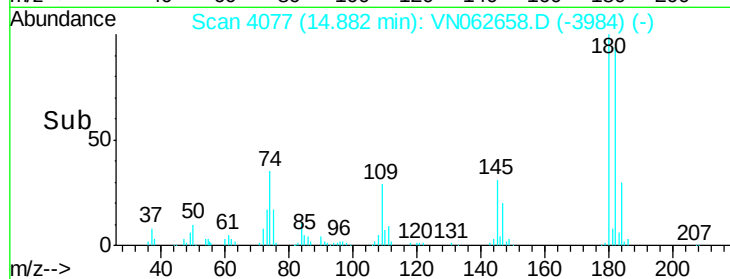
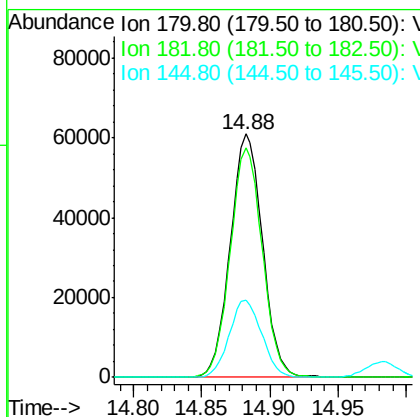
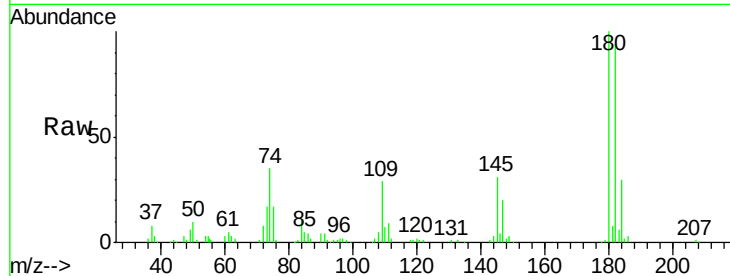
#93
 1,2,4-Trichlorobenzene
 Concen: 47.161 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	99997		
182	93.8	47.8	143.3	
145	32.0	15.3	45.9	

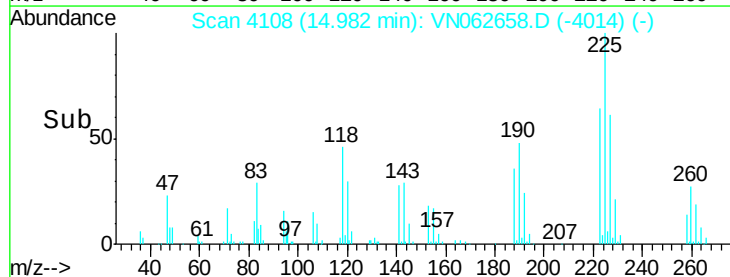
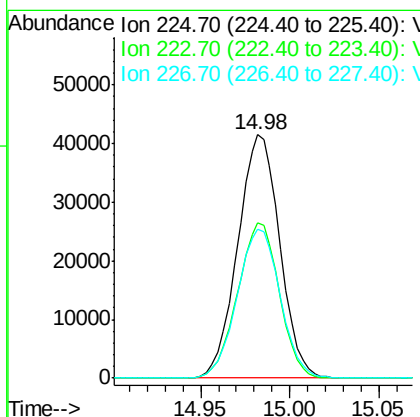
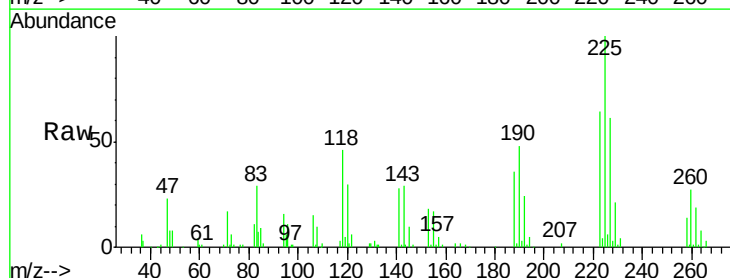
Manual Integrations
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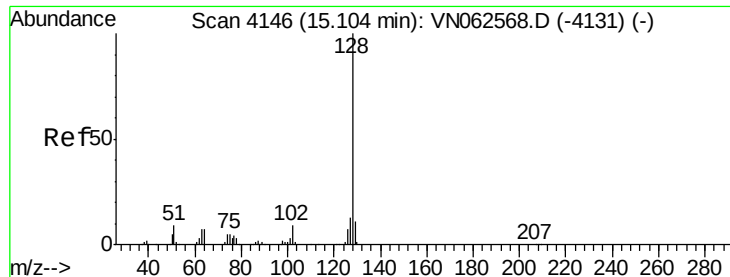
MMDadoda
 7/31/2020 11:56:45 AM



#94
 Hexachlorobutadiene
 Concen: 62.055 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67854		
223	63.1	32.0	96.0	
227	62.8	31.1	93.2	





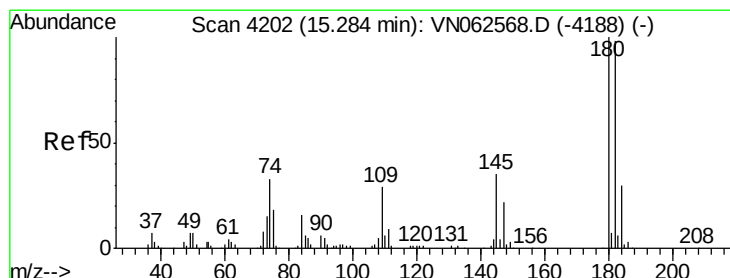
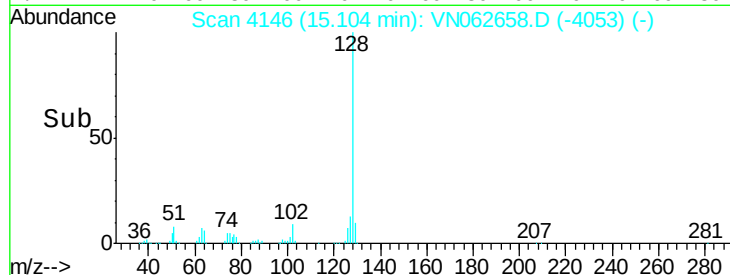
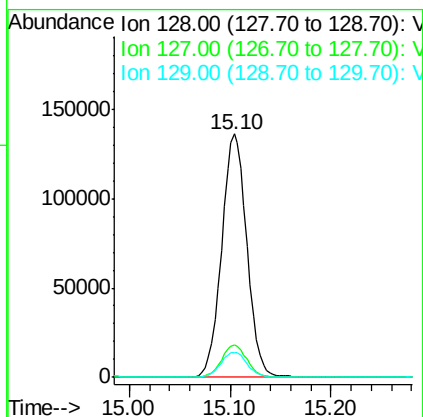
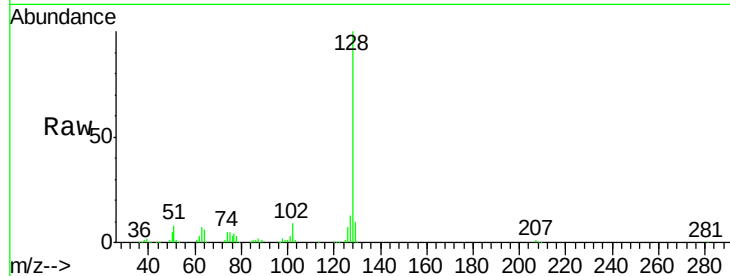
#95
Naphthalene
Concen: 42.726 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/31/2020 11:56:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.097 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.1	144.3
145	32.9	16.7	50.1

