

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061268.D
 Acq On : 4 May 2020 10:44
 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
 5/5/2020 11:36:08 AM

Quant Time: May 05 03:56:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	125805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	210530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	197581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	100001	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.54	113	58322	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	10.06	98	270965	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.37	95	102395	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	70301	52.697	ug/l	99
3) Chloromethane	2.03	50	96202	59.541	ug/l	99
4) Vinyl Chloride	2.16	62	103937	56.637	ug/l	100
5) Bromomethane	2.53	94	43833	48.321	ug/l	98
6) Chloroethane	2.67	64	62863	54.044	ug/l	99
7) Trichlorofluoromethane	2.98	101	125160	60.451	ug/l	98
8) Diethyl Ether	3.37	74	51775	59.953	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74642	55.960	ug/l	99
10) Methyl Iodide	3.91	142	81359	47.462	ug/l	99
11) Tert butyl alcohol	4.73	59	67246	252.180	ug/l	99
12) 1,1-Dichloroethene	3.69	96	71092	53.559	ug/l	98
13) Acrolein	3.56	56	31369	176.525	ug/l	98
14) Allyl chloride	4.27	41	156099	63.426	ug/l	98
15) Acrylonitrile	4.92	53	236406	288.802	ug/l	99
16) Acetone	3.77	43	227252	296.204	ug/l	99
17) Carbon Disulfide	4.00	76	171252	46.706	ug/l	99
18) Methyl Acetate	4.27	43	123946	49.335	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	275390	54.297	ug/l	99
20) Methylene Chloride	4.49	84	83707	53.928	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	79144	54.757	ug/l	100
22) Diisopropyl ether	5.89	45	326921	57.282	ug/l	99
23) Vinyl Acetate	5.83	43	1313802	285.901	ug/l	100
24) 1,1-Dichloroethane	5.79	63	163743	54.912	ug/l	100
25) 2-Butanone	6.78	43	338615	287.470	ug/l	100
26) 2,2-Dichloropropane	6.77	77	145098	57.771	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	92239	54.381	ug/l	99
28) Bromochloromethane	7.15	49	71356	50.487	ug/l	96
29) Tetrahydrofuran	7.16	42	220628	278.055	ug/l	98
30) Chloroform	7.32	83	159451	52.766	ug/l	100
31) Cyclohexane	7.61	56	146265	50.508	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	137377	52.207	ug/l	100
36) 1,1-Dichloropropene	7.75	75	120303	57.083	ug/l	100
37) Ethyl Acetate	6.87	43	140609	56.911	ug/l	99
38) Carbon Tetrachloride	7.73	117	105246	54.518	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	134499	56.907	ug/l	99
40) Benzene	8.00	78	348475	55.500	ug/l	100
41) Methacrylonitrile	7.12	41	65471	63.823	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	132815	55.837	ug/l	99
43) Isopropyl Acetate	8.12	43	233446	56.932	ug/l	100
44) Trichloroethene	8.80	130	89369	52.653	ug/l	99
45) 1,2-Dichloropropane	9.08	63	96314	57.418	ug/l	99
46) Dibromomethane	9.17	93	59029	56.834	ug/l	99
47) Bromodichloromethane	9.36	83	128221	57.517	ug/l	100
48) Methyl methacrylate	9.16	41	107407	58.048	ug/l	99
49) 1,4-Dioxane	9.16	88	20385	970.560	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	705561	292.332	ug/l	100
52) Toluene	10.12	92	216286	57.190	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	146272	58.231	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	154041	58.006	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	84050	55.718	ug/l	99
56) Ethyl methacrylate	10.40	69	138150	52.416	ug/l	99
57) 1,3-Dichloropropane	10.68	76	152899	57.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	223788	183.276	ug/l	99
59) 2-Hexanone	10.72	43	528343	300.894	ug/l	100
60) Dibromochloromethane	10.87	129	89368	56.565	ug/l	100
61) 1,2-Dibromoethane	10.98	107	84922	56.167	ug/l	100
64) Tetrachloroethene	10.60	164	88422	51.670	ug/l	98
65) Chlorobenzene	11.40	112	219275	55.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	81687	58.233	ug/l	98
67) Ethyl Benzene	11.48	91	423445	57.714	ug/l	100
68) m/p-Xylenes	11.59	106	310592	115.653	ug/l	98
69) o-Xylene	11.92	106	146498	56.790	ug/l	98
70) Styrene	11.94	104	251811	58.323	ug/l	99
71) Bromoform	12.10	173	60512	58.695	ug/l #	99
73) Isopropylbenzene	12.22	105	404025	56.750	ug/l	100
74) N-amyl acetate	12.04	43	208352	57.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	123282	55.534	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	109580m	53.671	ug/l	
77) Bromobenzene	12.50	156	91198	55.491	ug/l	98
78) n-propylbenzene	12.56	91	490210	58.052	ug/l	99
79) 2-Chlorotoluene	12.65	91	279273	56.266	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	341716	57.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	47573	59.171	ug/l	99
82) 4-Chlorotoluene	12.75	91	299564	57.264	ug/l	99
83) tert-Butylbenzene	12.97	119	283090	56.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	343038	56.506	ug/l	99
85) sec-Butylbenzene	13.15	105	394008	58.165	ug/l	99
86) p-Isopropyltoluene	13.26	119	356006	58.330	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	169139	55.905	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	170253	55.075	ug/l	100
89) n-Butylbenzene	13.59	91	340200	60.803	ug/l	100
90) Hexachloroethane	13.85	117	40636	61.723	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	161489	55.667	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25195	53.738	ug/l	99

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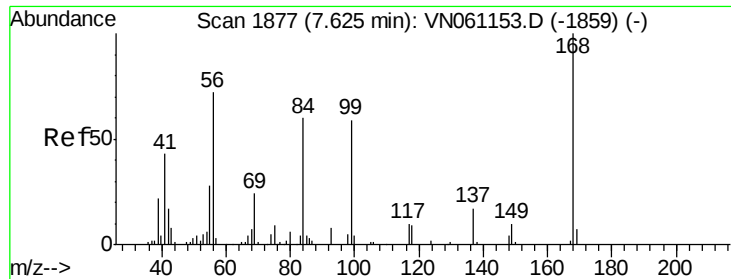
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	102112	57.803	ug/l	100
94) Hexachlorobutadiene	14.99	225	46611	63.158	ug/l	97
95) Naphthalene	15.10	128	313562	54.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	99200	56.877	ug/l	99

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



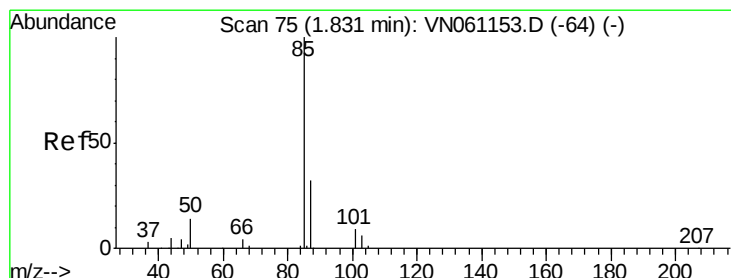
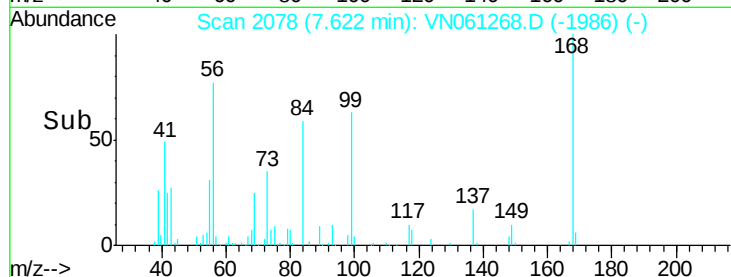
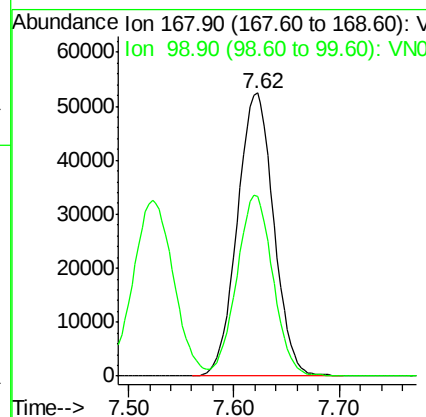
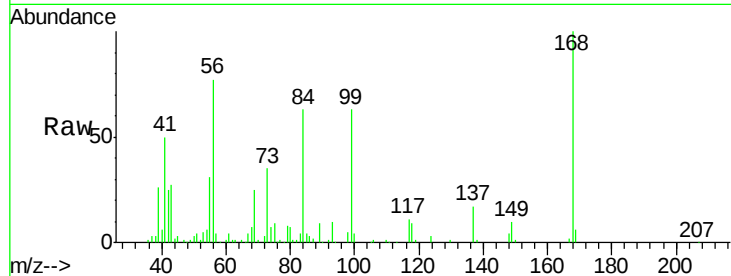
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	63.3	51.2	76.8

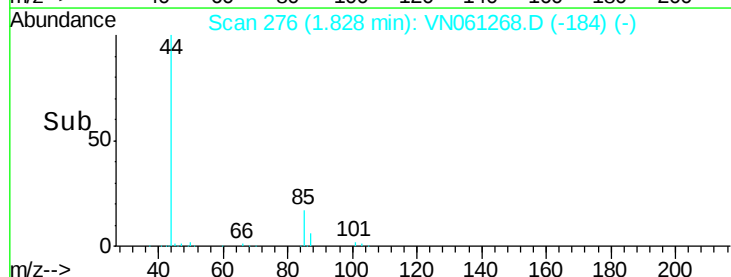
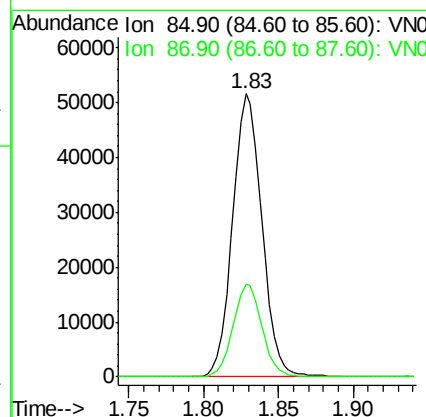
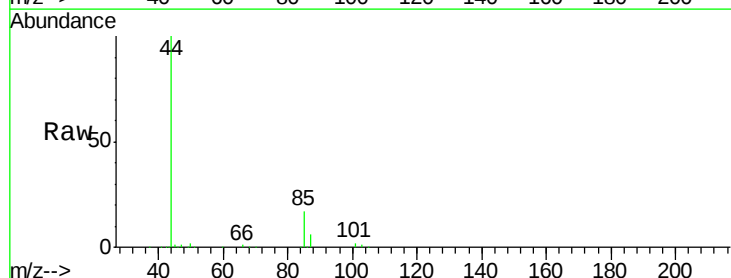
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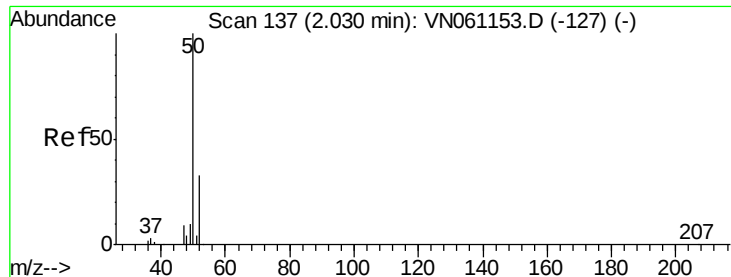
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#2
Dichlorodifluoromethane
Concen: 52.697 ug/l
RT: 1.83 min Scan# 276
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.1	48.2





#3

Chloromethane

Concen: 59.541 ug/l

RT: 2.03 min Scan# 339

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tot Ion: 50 Resp: 96202

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0

Instrument :

MSVOA_N

ClientSampleId :

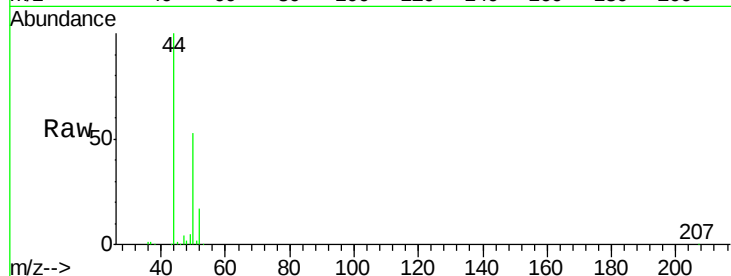
VSTDCCC050

Manual Integrations

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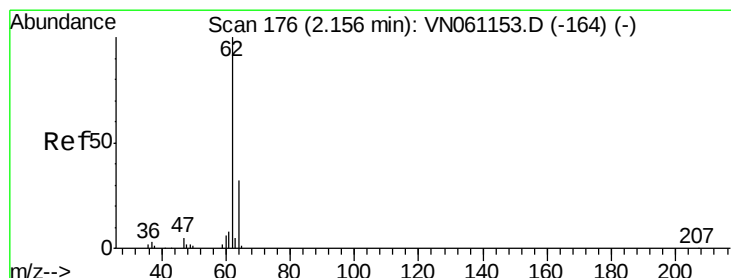
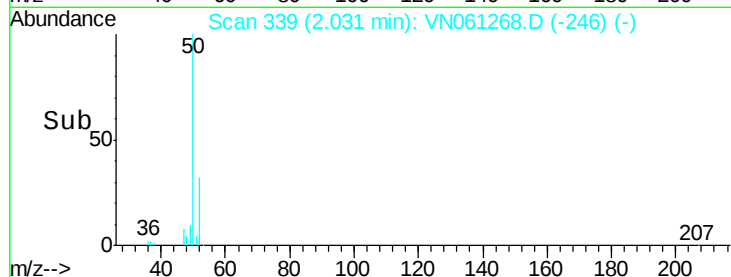
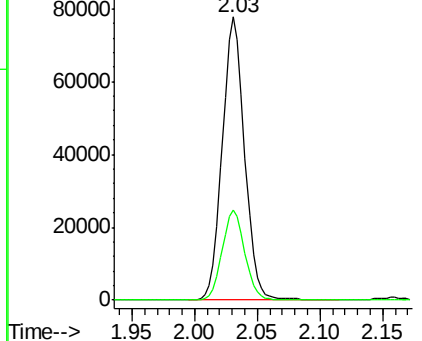
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 56.637 ug/l

RT: 2.16 min Scan# 378

Delta R.T. 0.00 min

Lab File: VN061268.D

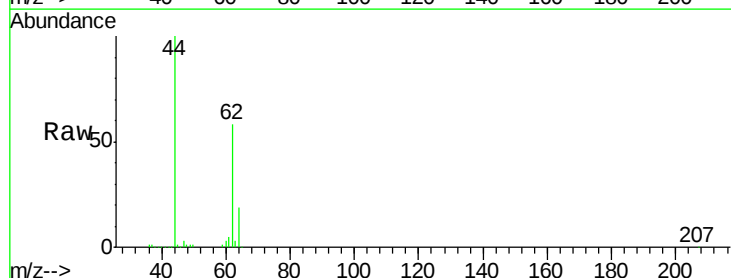
Acq: 4 May 2020 10:44

Tgt Ion: 62 Resp: 103937

Ion Ratio Lower Upper

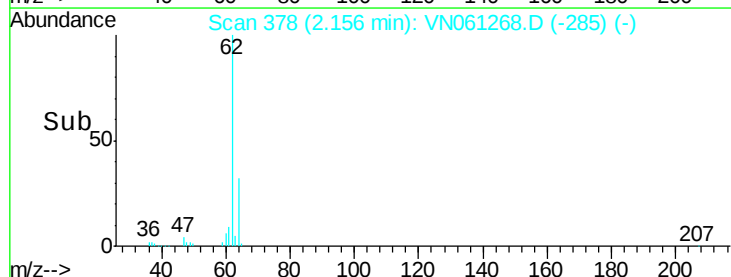
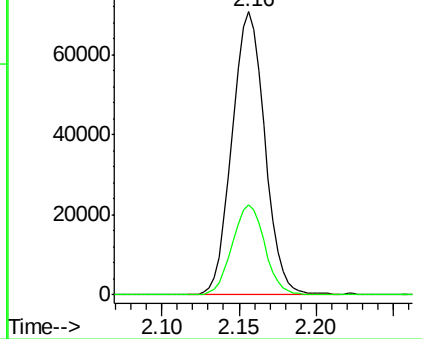
62 100

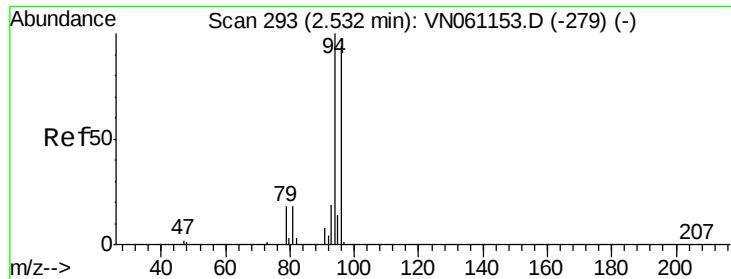
64 31.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.321 ug/l

RT: 2.53 min Scan# 495

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 43833

Ion Ratio Lower Upper

94 100

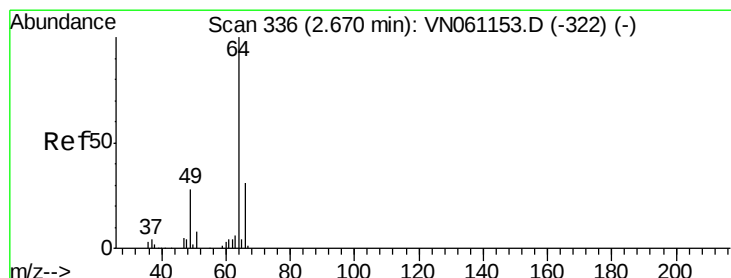
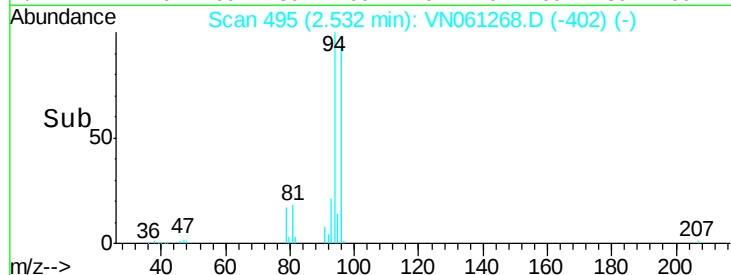
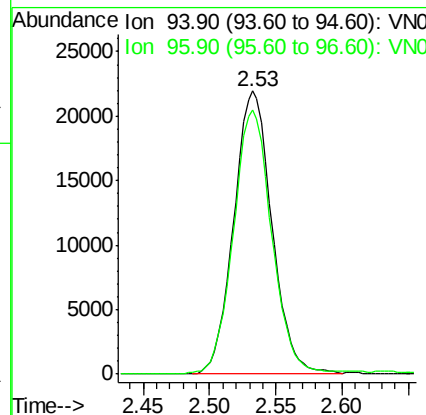
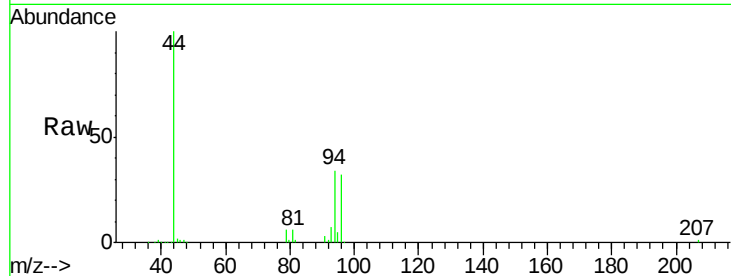
96 92.3 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 54.044 ug/l

RT: 2.67 min Scan# 538

Delta R.T. 0.00 min

Lab File: VN061268.D

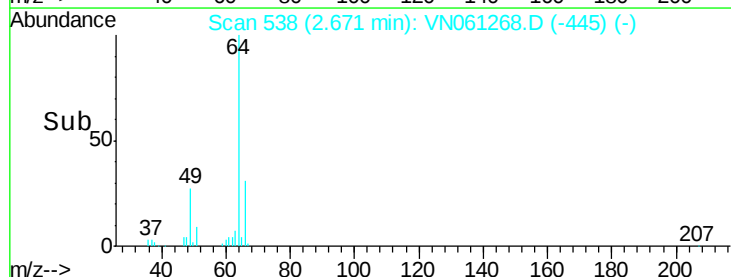
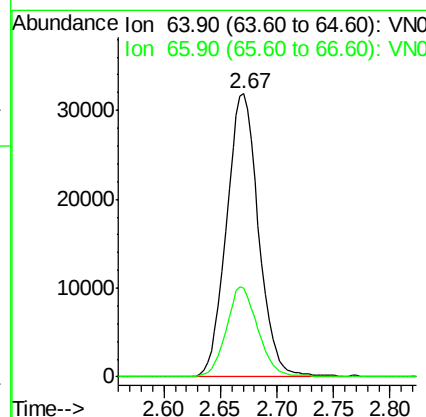
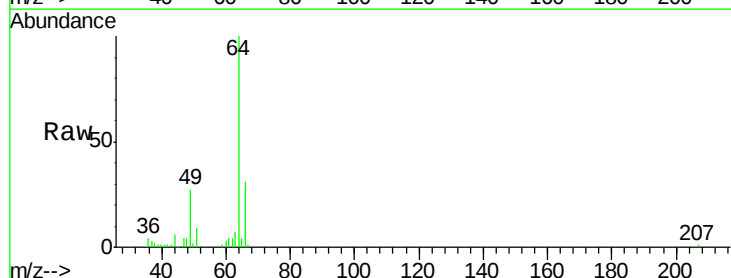
Acq: 4 May 2020 10:44

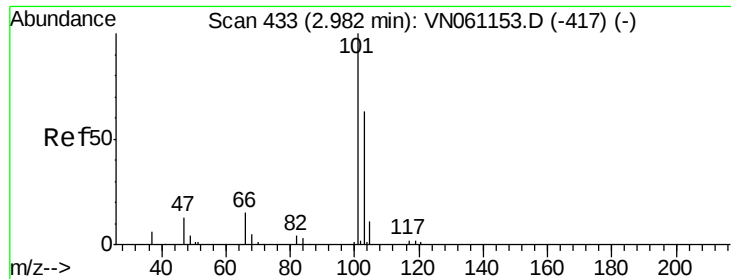
Tgt Ion: 64 Resp: 62863

Ion Ratio Lower Upper

64 100

66 31.3 24.6 36.8





#7

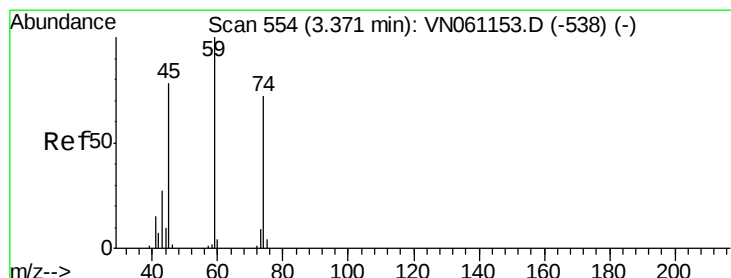
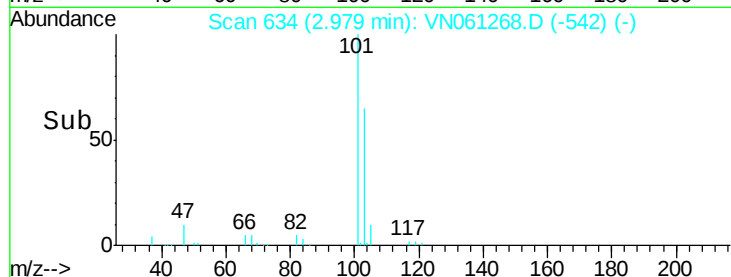
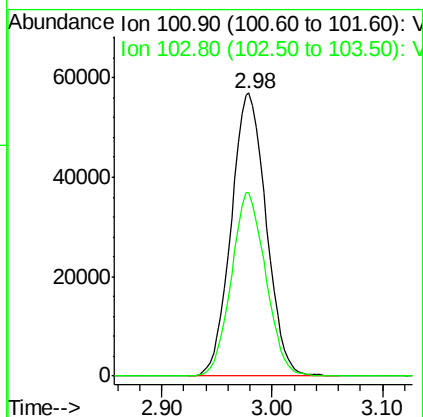
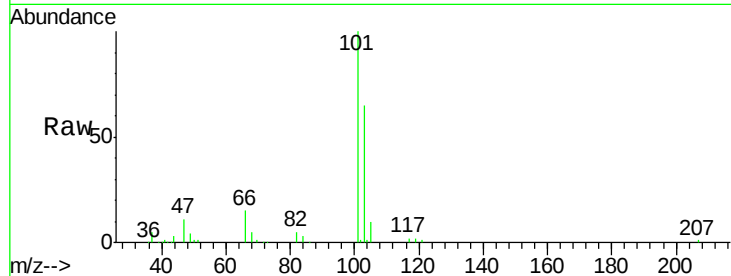
Trichlorofluoromethane
Concen: 60.451 ug/l
RT: 2.98 min Scan# 634
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.6	76.0

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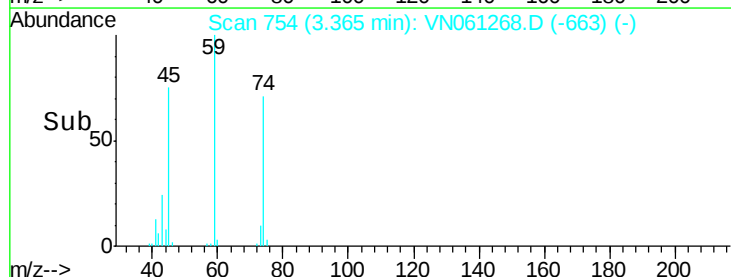
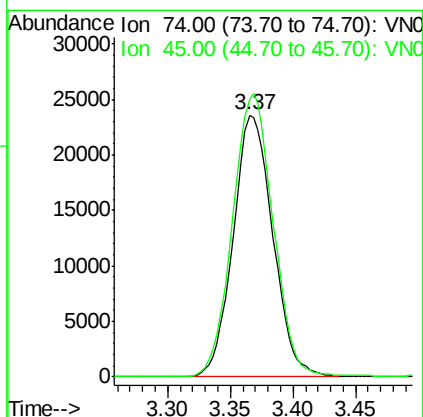
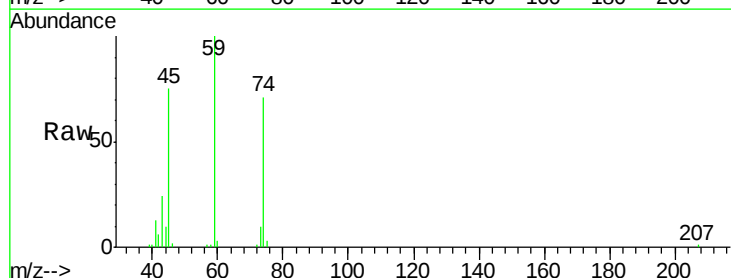
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#8

Diethyl Ether
Concen: 59.953 ug/l
RT: 3.37 min Scan# 754
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.1	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.960 ug/l

RT: 3.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN061268.D

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Instrument :

MSVOA_N

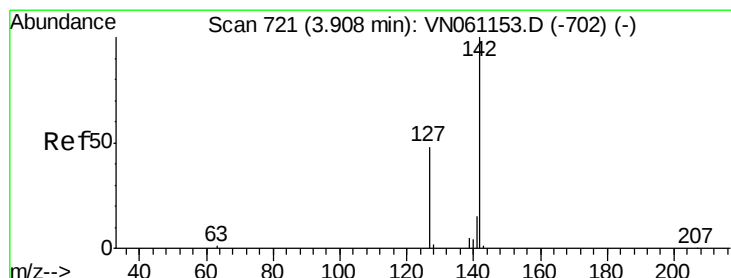
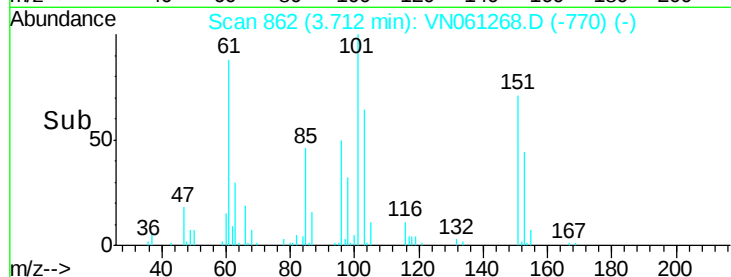
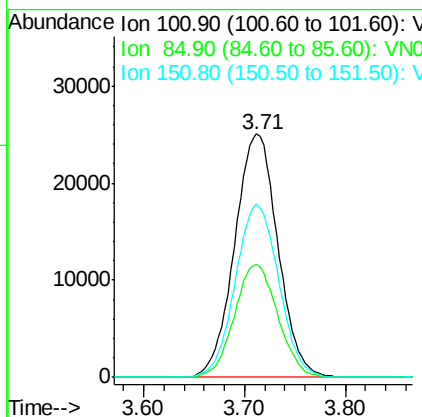
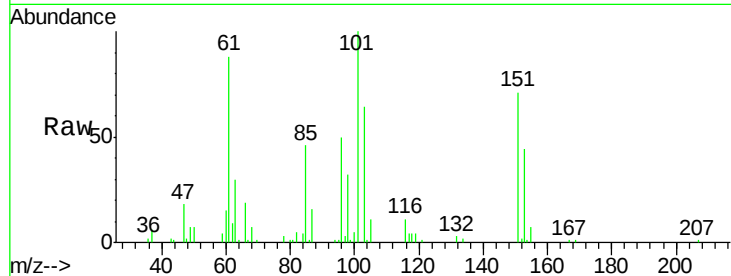
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	74642
Ion Ratio	Lower	Upper	
101	100		
85	46.4	37.2	55.8
151	71.4	57.7	86.5

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#10

Methyl Iodide

Concen: 47.462 ug/l

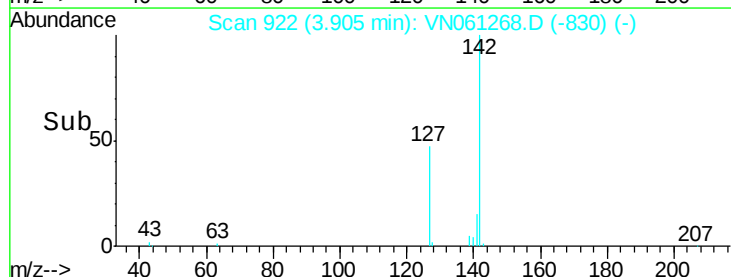
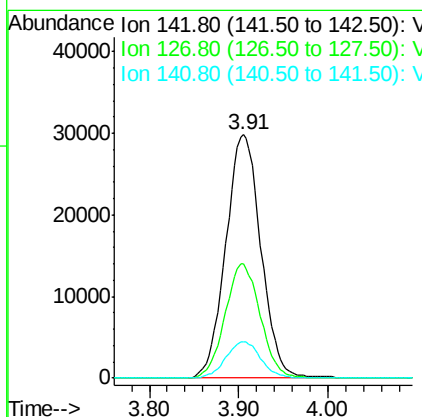
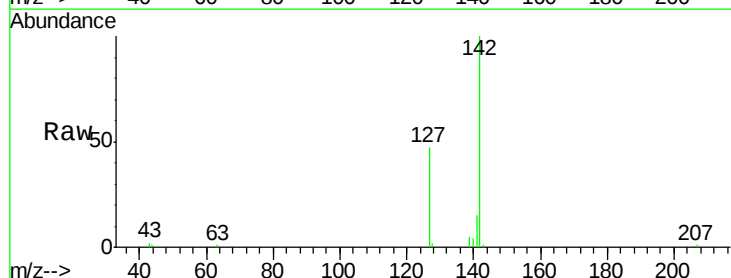
RT: 3.91 min Scan# 922

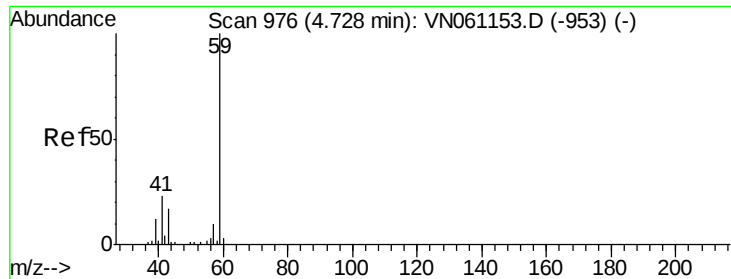
Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	142	Resp:	81359
Ion Ratio	Lower	Upper	
142	100		
127	46.8	38.0	57.0
141	14.8	11.7	17.5





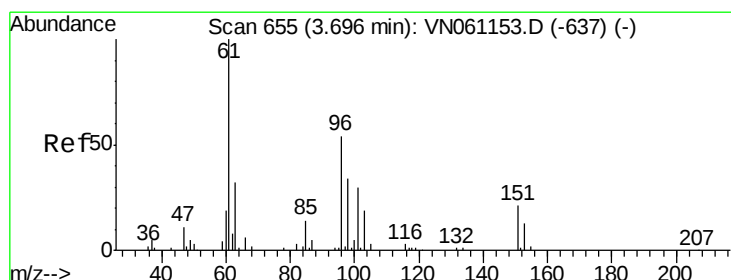
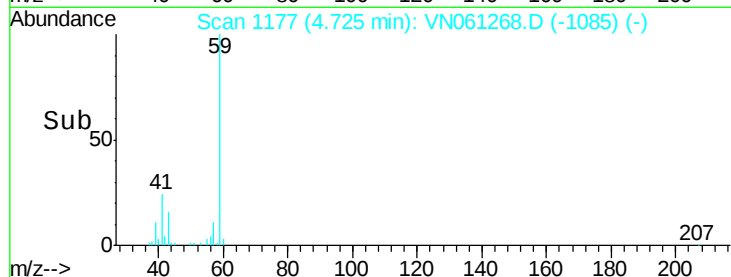
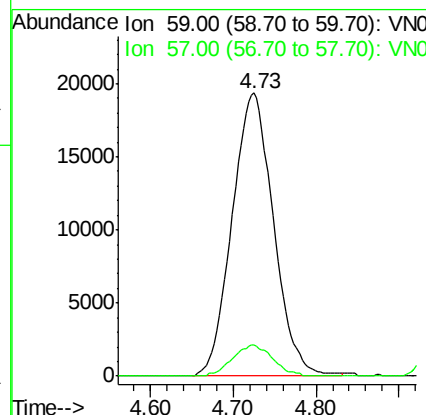
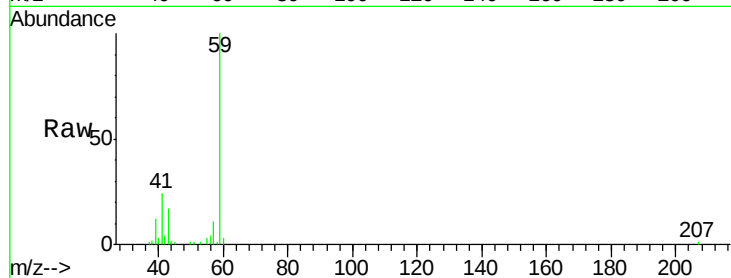
#11
Tert butyl alcohol
Concen: 252.180 ug/l
RT: 4.73 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 67246
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

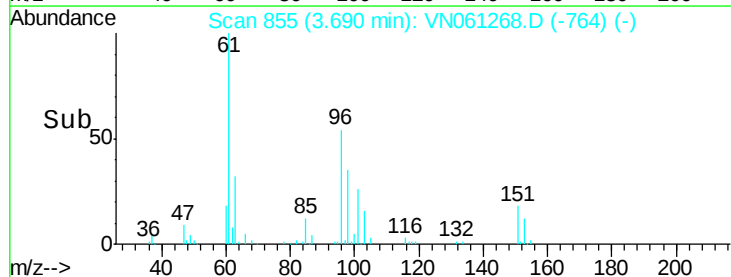
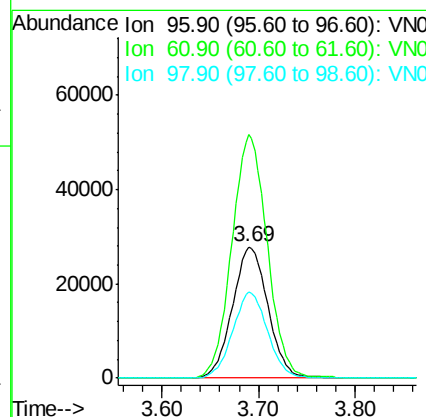
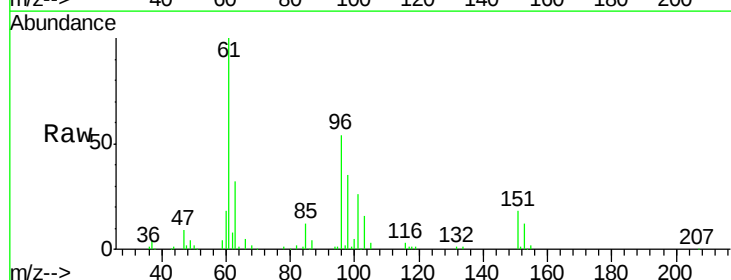
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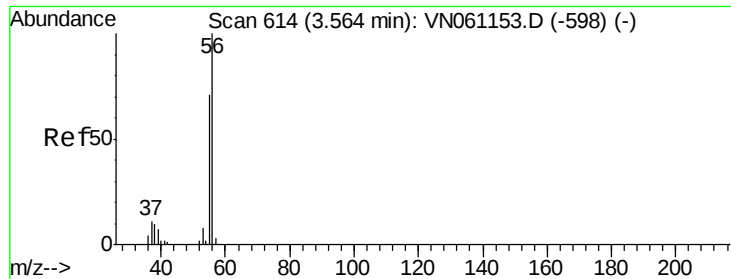
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#12
1,1-Dichloroethene
Concen: 53.559 ug/l
RT: 3.69 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 96 Resp: 71092
Ion Ratio Lower Upper
96 100
61 185.1 147.0 220.6
98 65.4 49.8 74.6





#13

Acrolein

Concen: 176.525 ug/l

RT: 3.56 min Scan# 814

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 31369

Ion Ratio Lower Upper

56 100

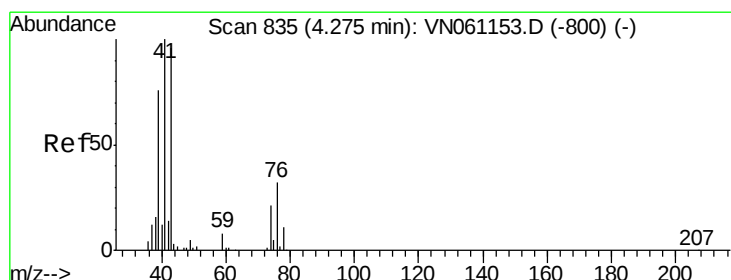
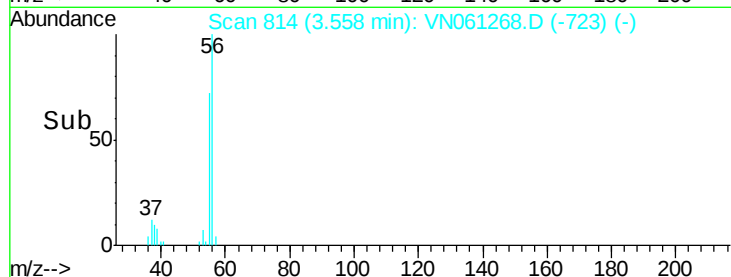
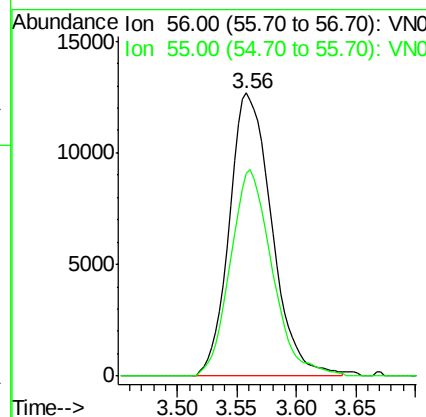
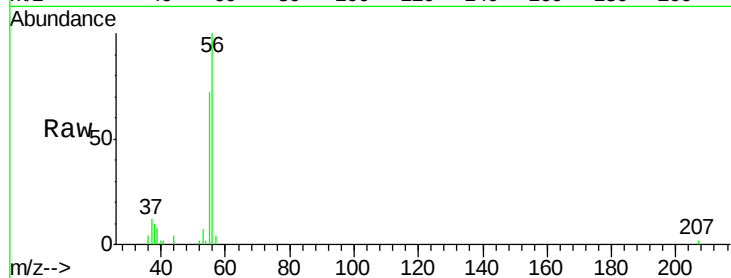
55 71.8 58.5 87.7

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5/5/2020 11:36:08 AM



#14

Allyl chloride

Concen: 63.426 ug/l

RT: 4.27 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

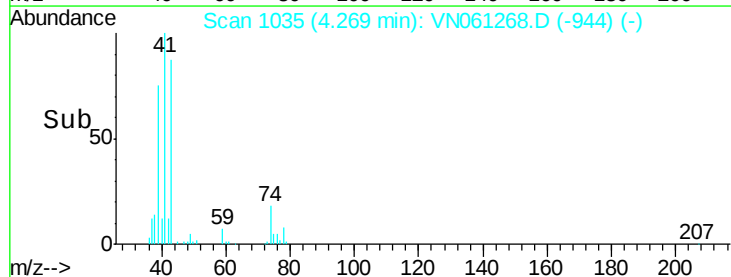
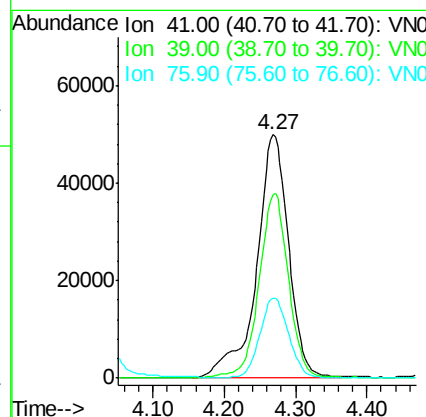
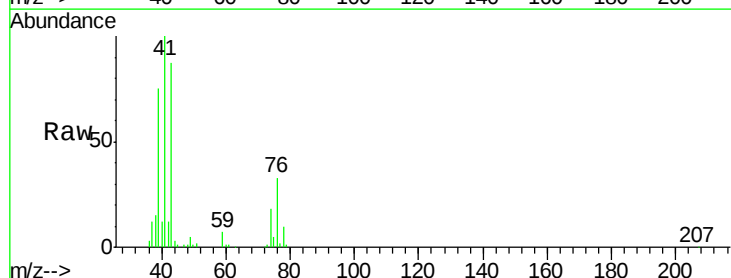
Tgt Ion: 41 Resp: 156099

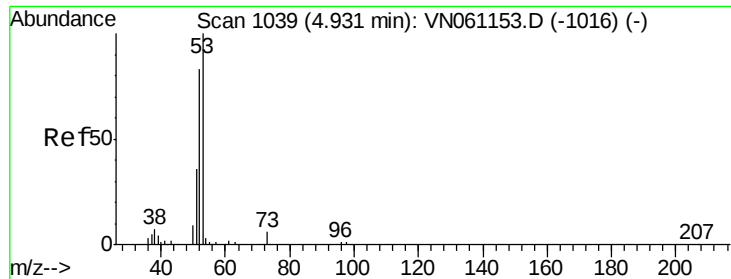
Ion Ratio Lower Upper

41 100

39 69.5 57.1 85.7

76 29.4 24.3 36.5





#15

Acrylonitrile

Concen: 288.802 ug/l

RT: 4.92 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

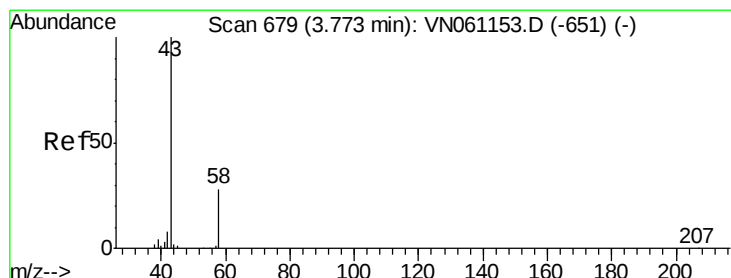
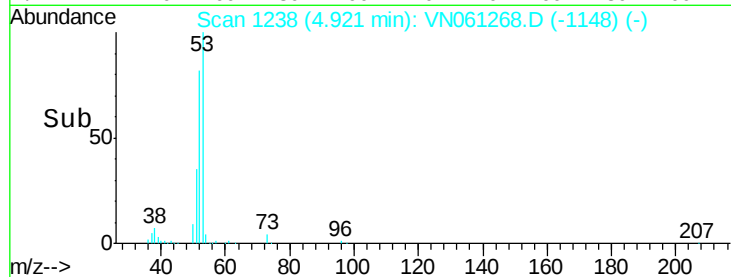
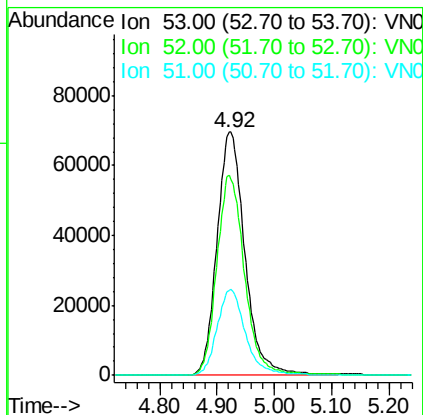
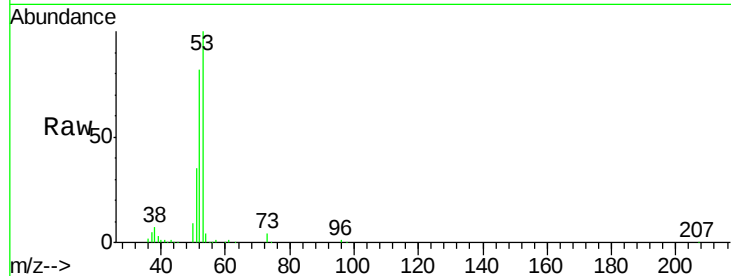
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	236406
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.4	98.0
51	35.6	29.5	44.3

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#16

Acetone

Concen: 296.204 ug/l

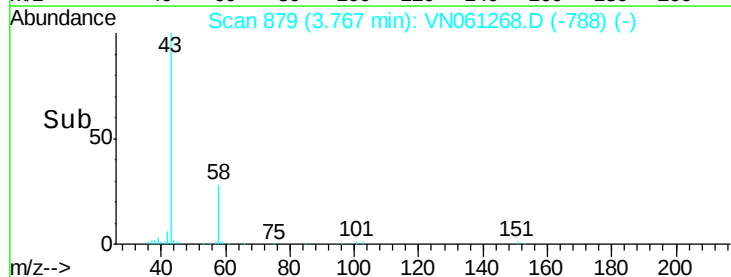
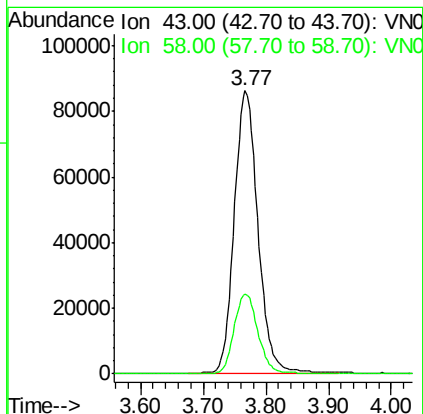
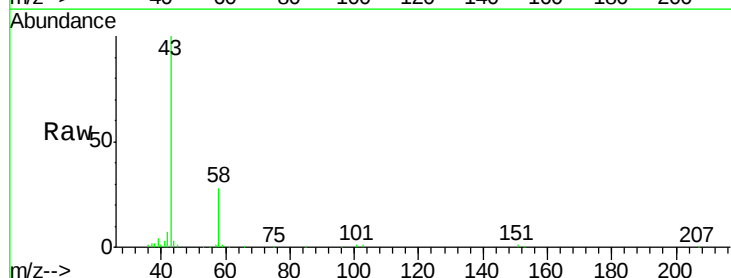
RT: 3.77 min Scan# 879

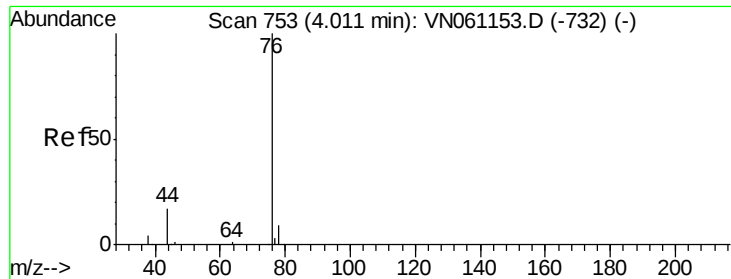
Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	43	Resp:	227252
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.2	33.2





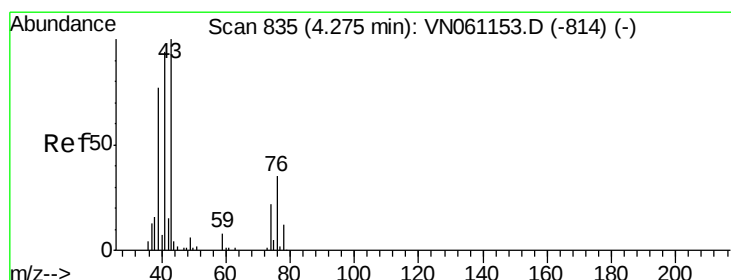
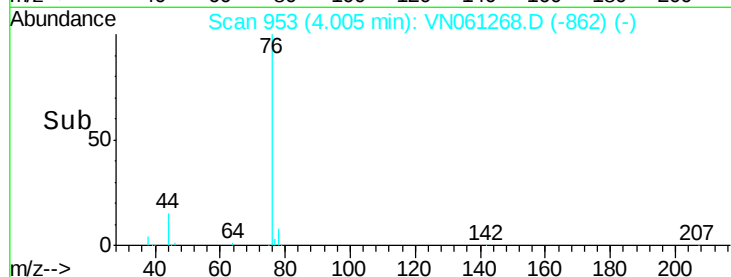
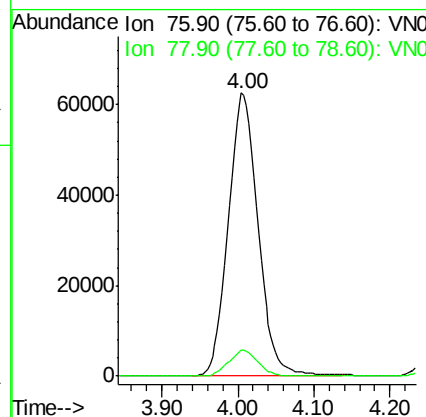
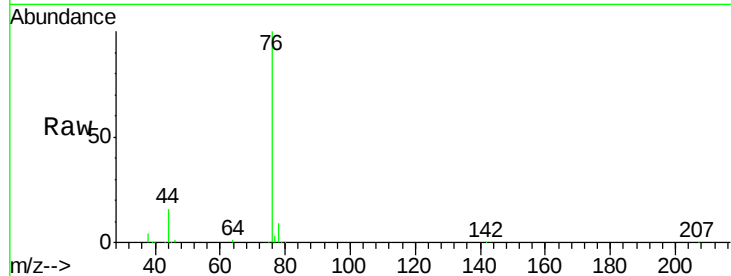
#17
Carbon Disulfide
Concen: 46.706 ug/l
RT: 4.00 min Scan# 953
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

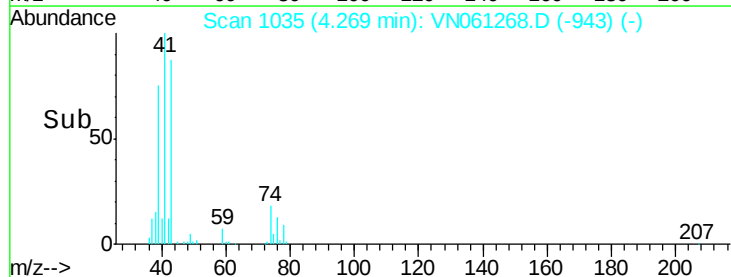
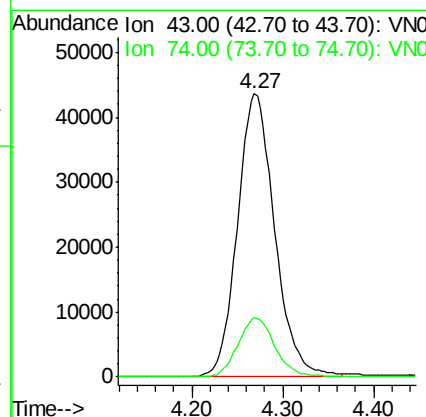
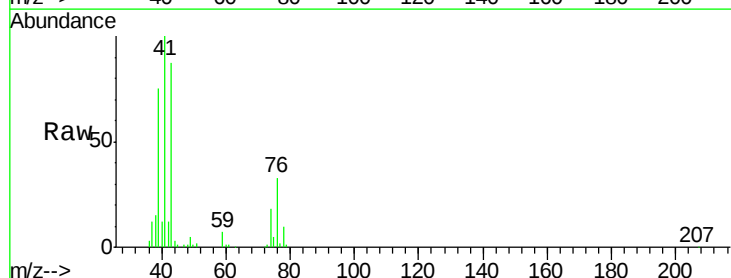
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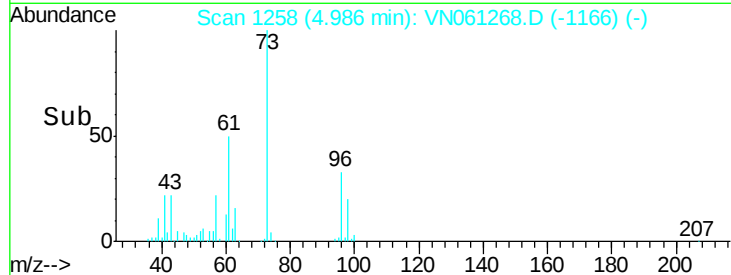
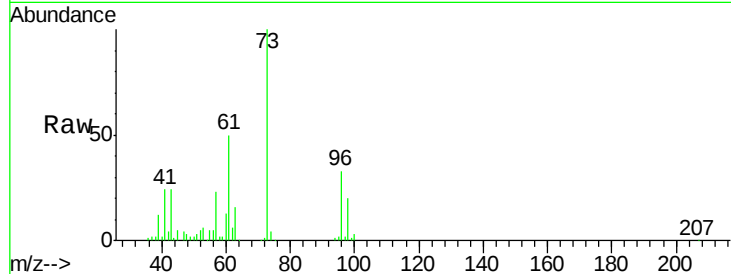
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#18
Methyl Acetate
Concen: 49.335 ug/l
RT: 4.27 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	17.0	25.4





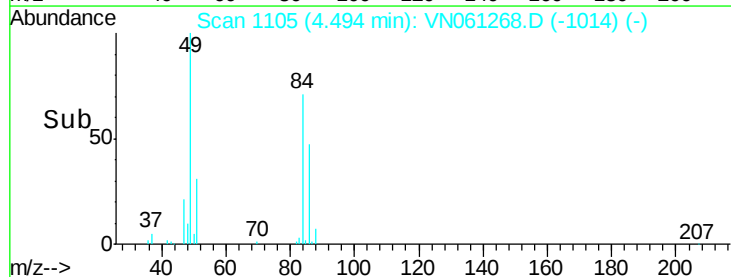
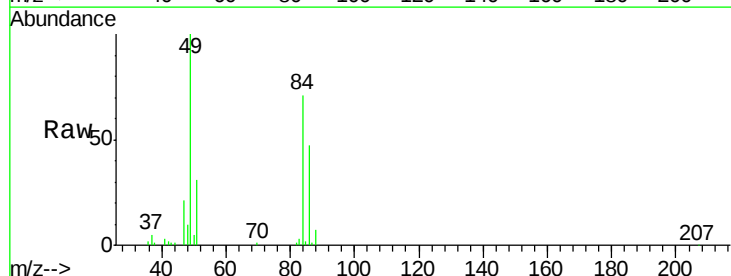
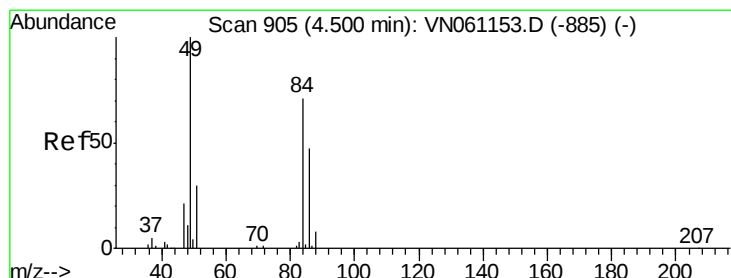
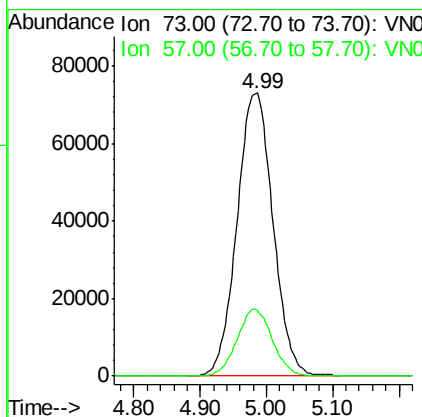
#19
Methyl tert-butyl Ether
Concen: 54.297 ug/l
RT: 4.99 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tot Ion: 73 Resp: 275390
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

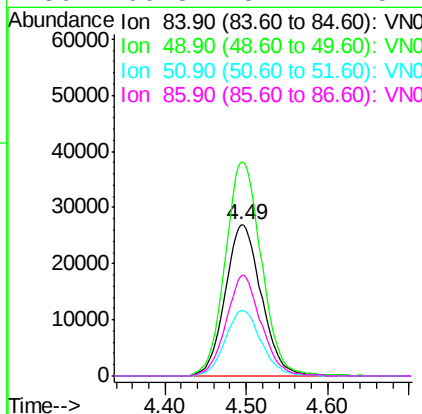
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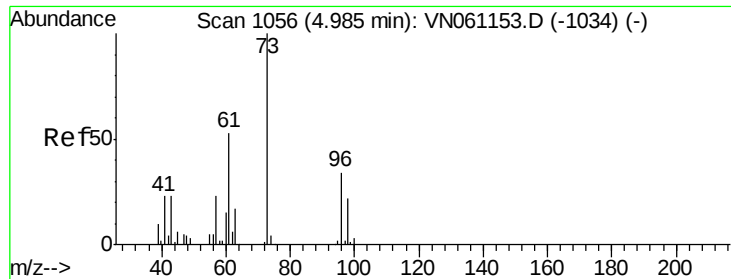
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#20
Methylene Chloride
Concen: 53.928 ug/l
RT: 4.49 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 84 Resp: 83707
Ion Ratio Lower Upper
84 100
49 141.0 112.0 168.0
51 43.4 33.6 50.4
86 66.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 54.757 ug/l

RT: 4.98 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

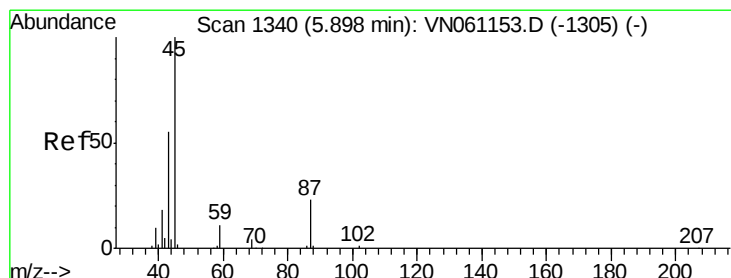
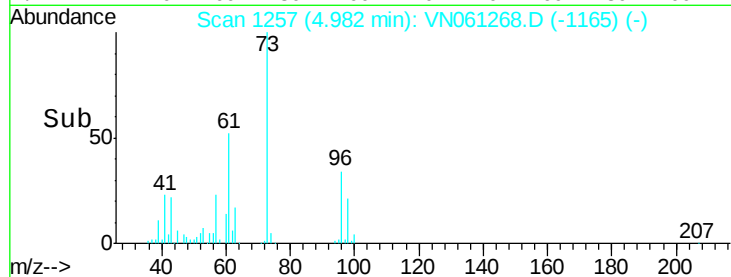
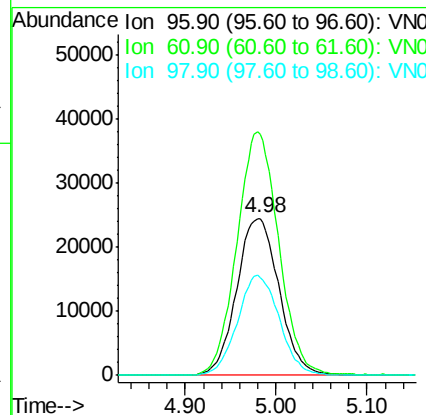
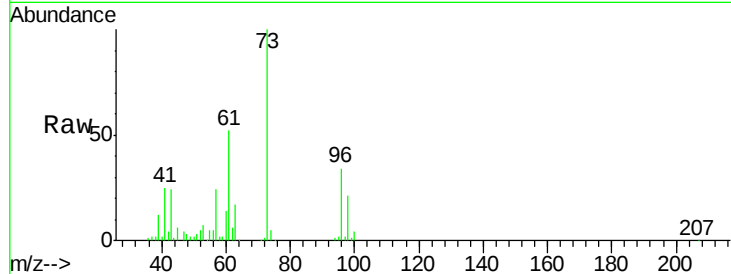
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	79144
Ion	Ratio	Lower	Upper
96	100		
61	153.9	123.0	184.4
98	62.5	50.1	75.1

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#22

Diisopropyl ether

Concen: 57.282 ug/l

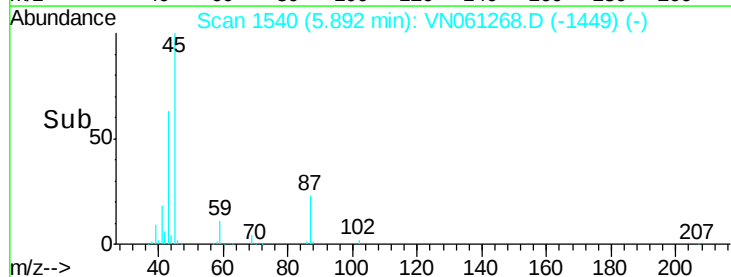
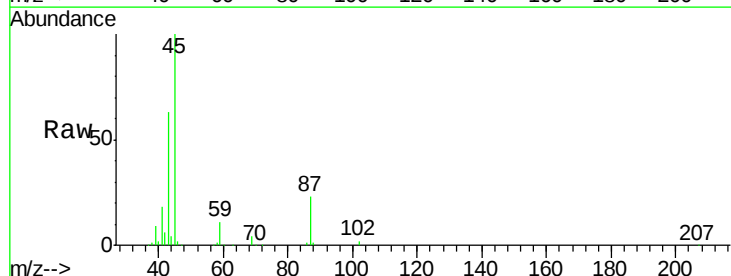
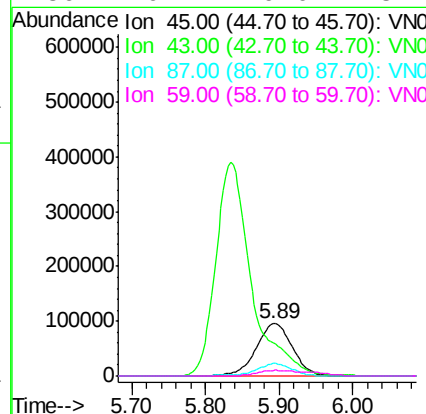
RT: 5.89 min Scan# 1540

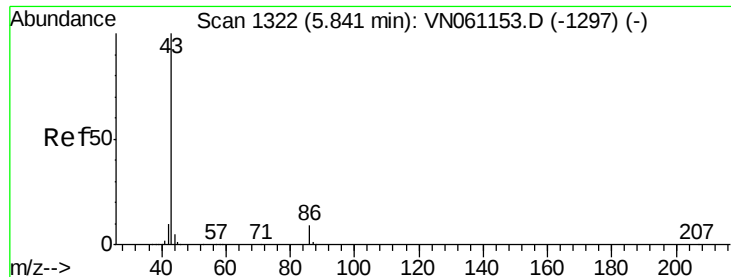
Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	45	Resp:	326921
Ion	Ratio	Lower	Upper
45	100		
43	61.1	47.9	71.9
87	23.5	19.2	28.8
59	10.7	9.0	13.4





#23

Vinyl Acetate

Concen: 285.901 ug/l

RT: 5.83 min Scan# 1522

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1313802

Ion Ratio Lower Upper

43 100

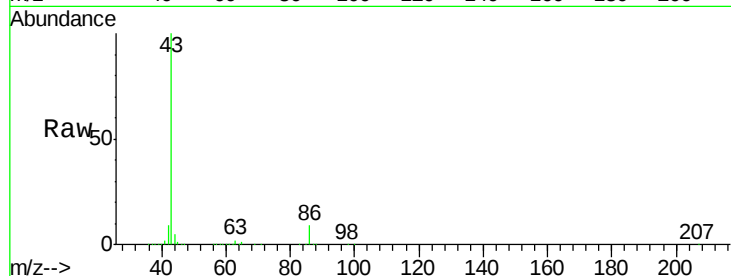
86 8.9 7.2 10.8

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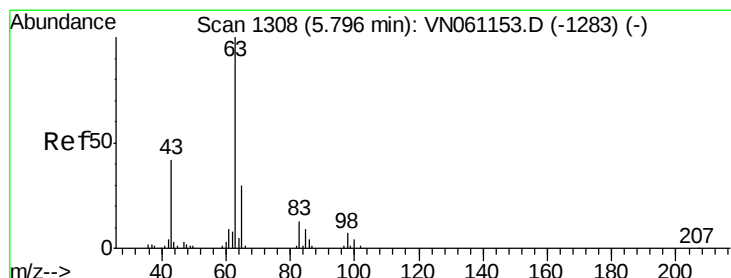
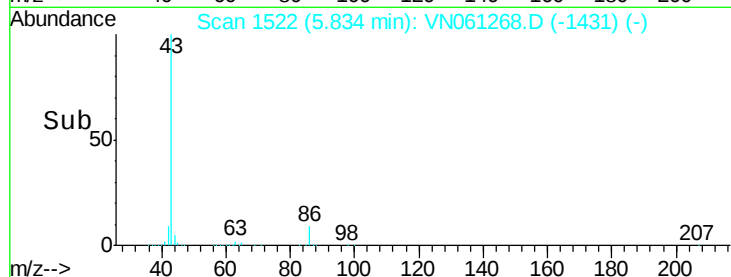
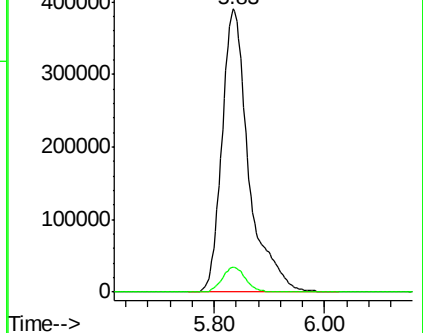
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 54.912 ug/l

RT: 5.79 min Scan# 1508

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

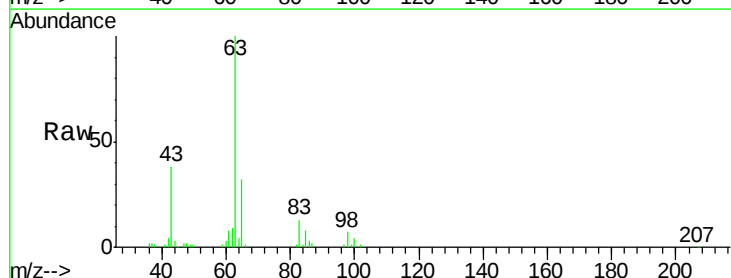
Tgt Ion: 63 Resp: 163743

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

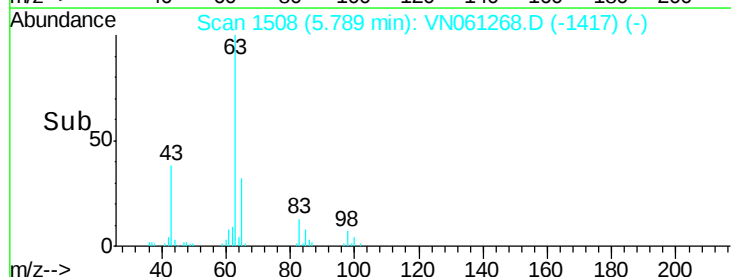
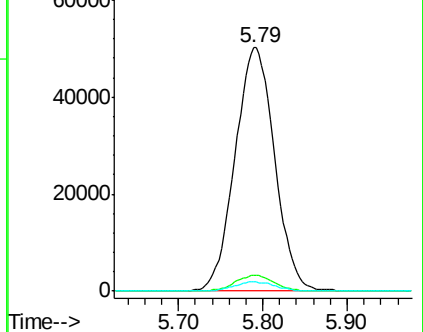
100 3.8 1.9 5.7

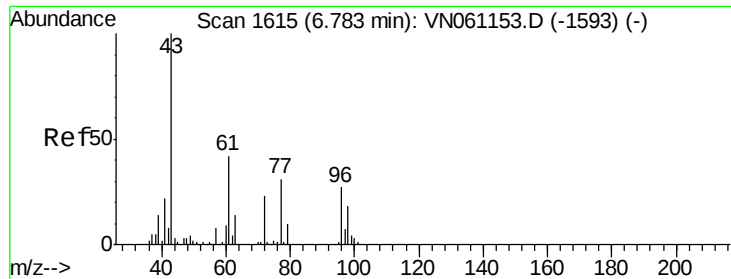


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





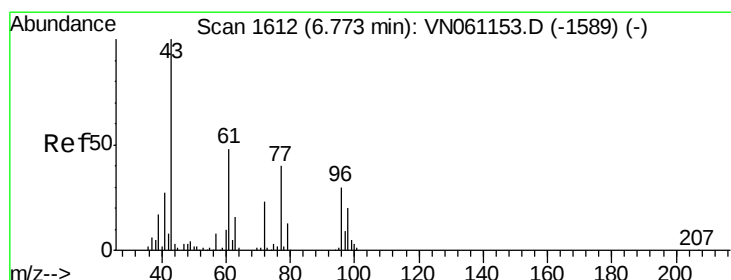
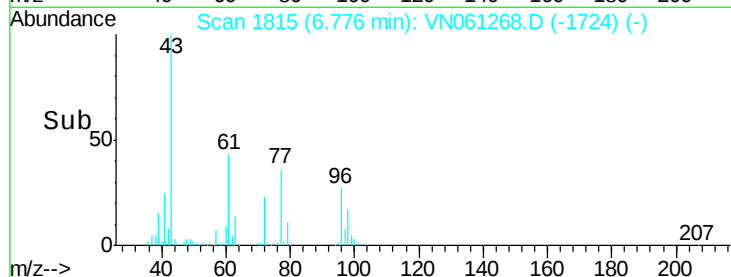
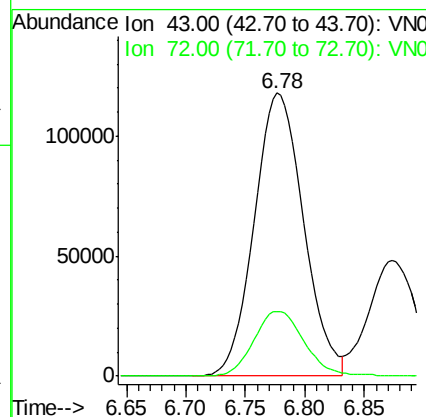
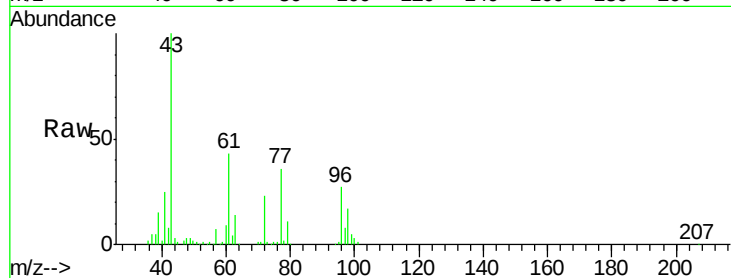
#25
2-Butanone
Concen: 287.470 ug/l
RT: 6.78 min Scan# 1815
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 338615
Ion Ratio Lower Upper
43 100
72 23.0 18.2 27.4

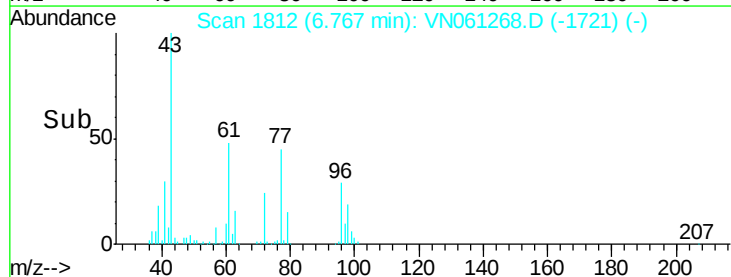
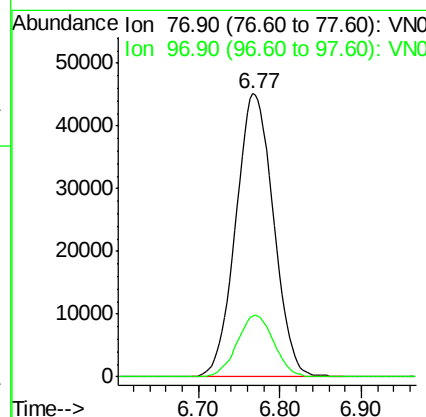
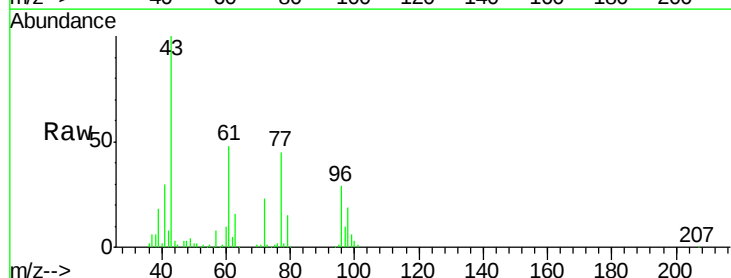
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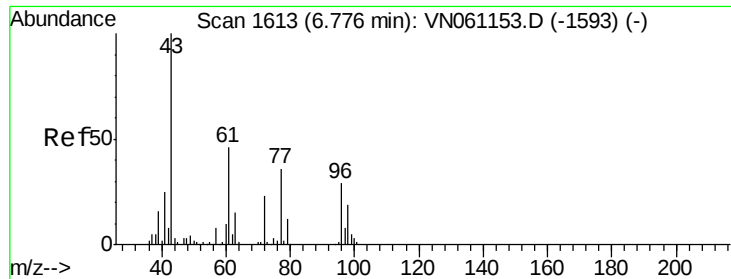
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5/5/2020 11:36:08 AM



#26
2,2-Dichloropropane
Concen: 57.771 ug/l
RT: 6.77 min Scan# 1812
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 77 Resp: 145098
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 54.381 ug/l

RT: 6.77 min Scan# 1814

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

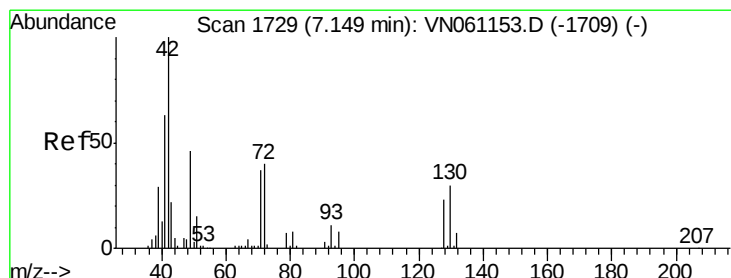
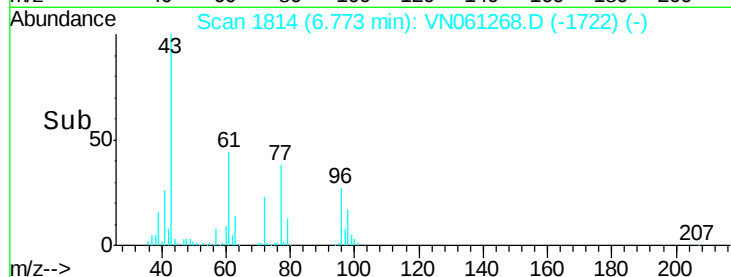
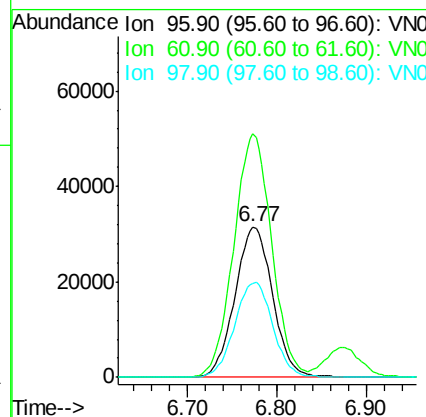
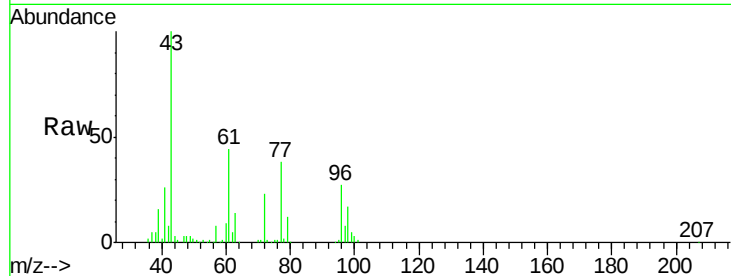
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	92239
Ion	Ratio	Lower	Upper
96	100		
61	162.9	0.0	322.0
98	63.9	0.0	129.6

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#28

Bromochloromethane

Concen: 50.487 ug/l

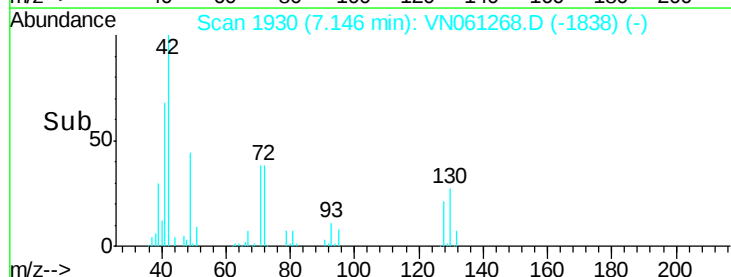
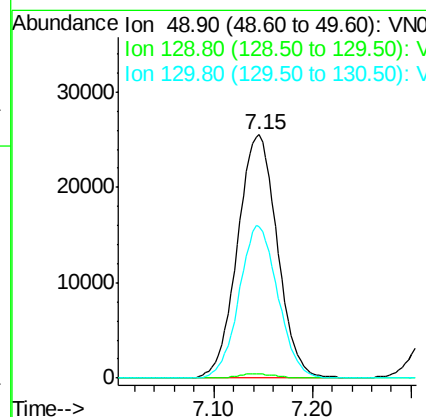
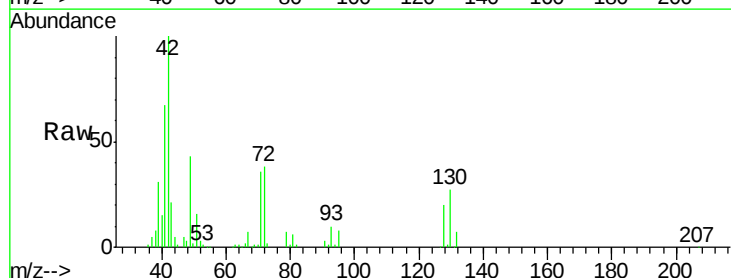
RT: 7.15 min Scan# 1930

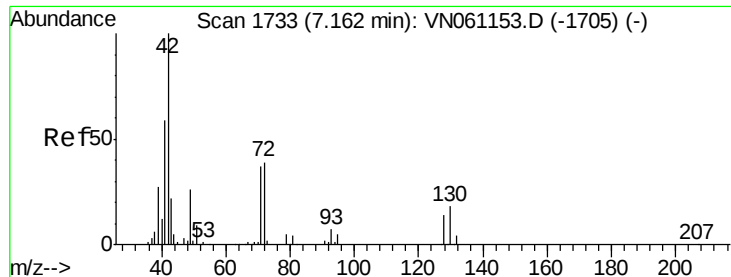
Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	49	Resp:	71356
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.0
130	60.9	51.4	77.2





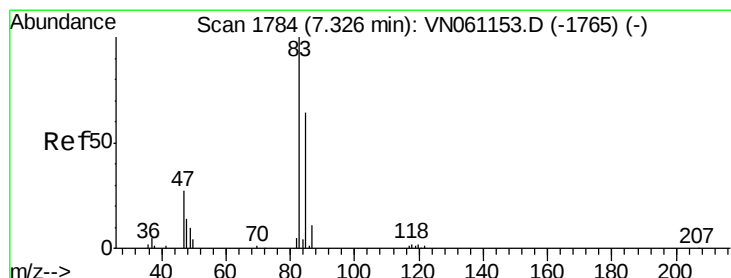
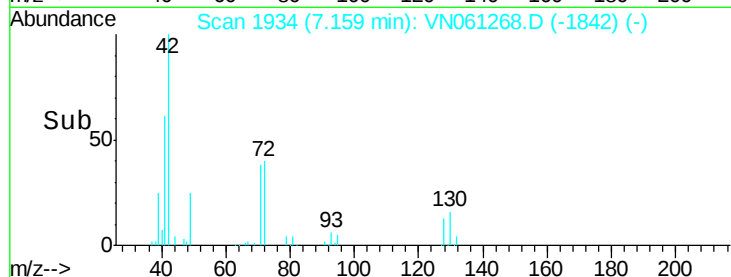
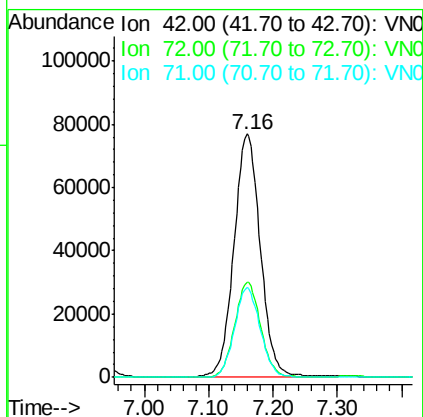
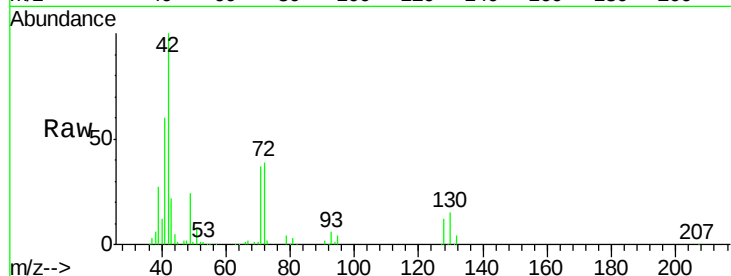
#29
Tetrahydrofuran
Concen: 278.055 ug/l
RT: 7.16 min Scan# 1934
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	31.4	47.0
71	35.7	29.5	44.3

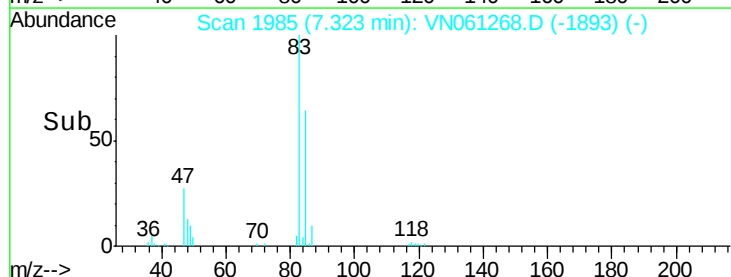
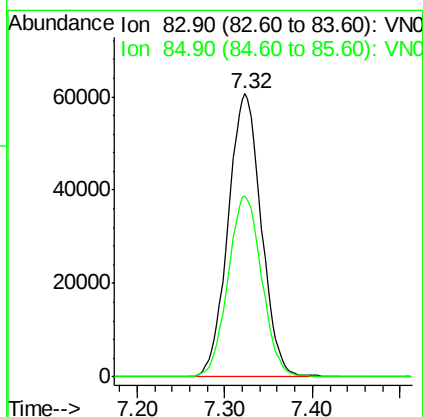
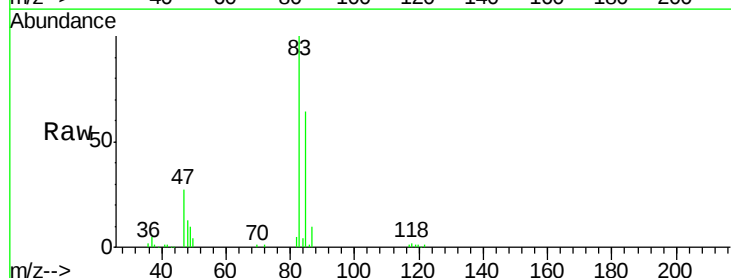
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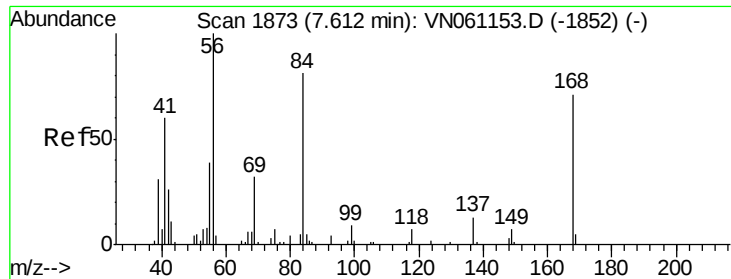
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#30
Chloroform
Concen: 52.766 ug/l
RT: 7.32 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.1	76.7





#31

Cyclohexane

Concen: 50.508 ug/l

RT: 7.61 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

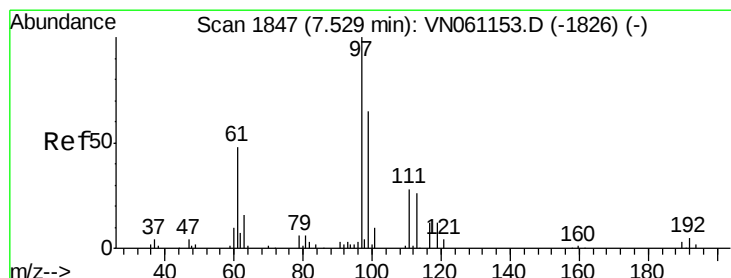
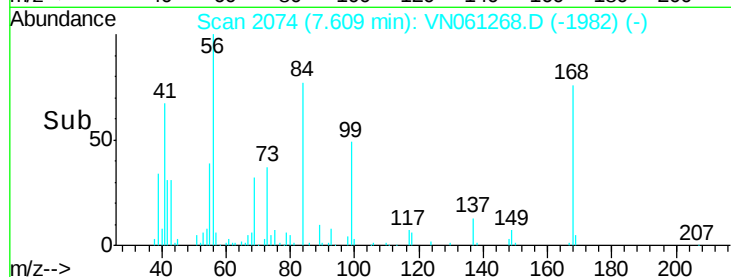
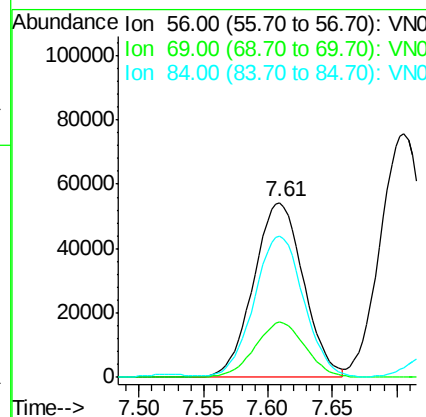
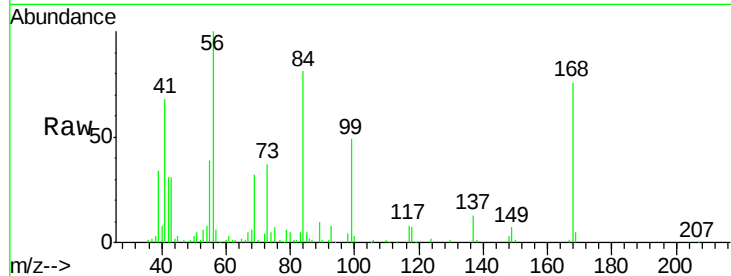
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	146265
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.7	38.5
84	80.1	64.6	97.0

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#32

1,1,1-Trichloroethane

Concen: 52.207 ug/l

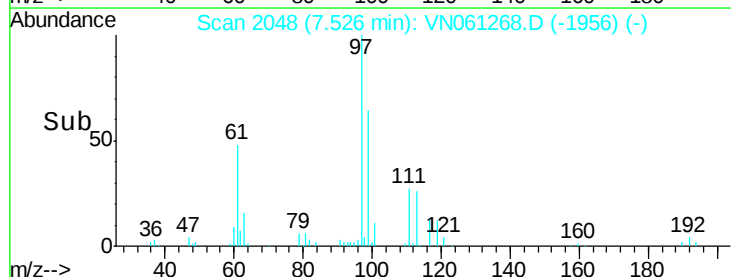
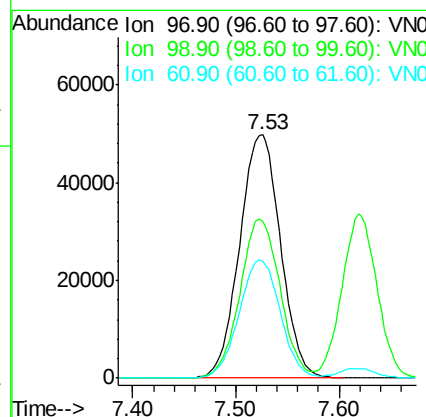
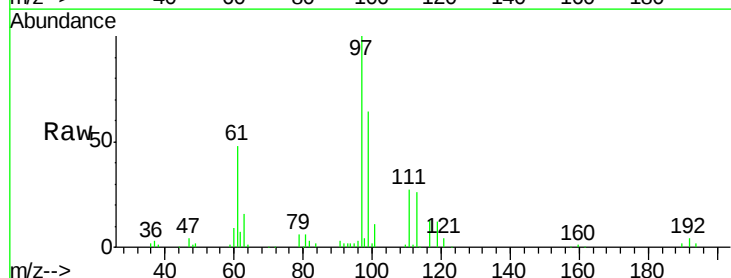
RT: 7.53 min Scan# 2048

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	97	Resp:	137377
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	48.8	38.6	57.8





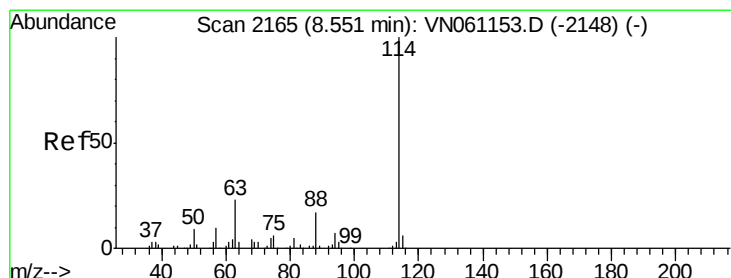
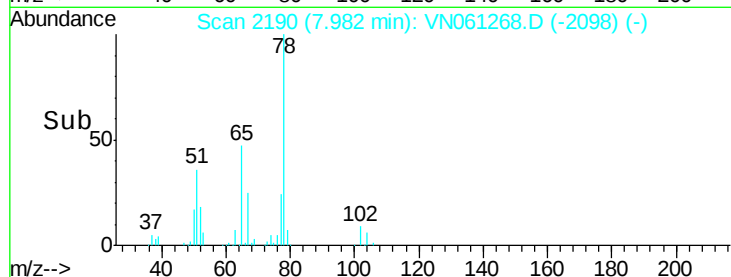
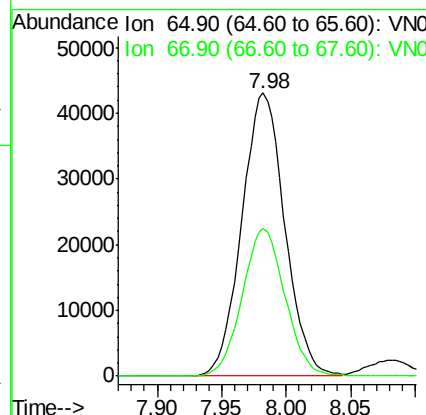
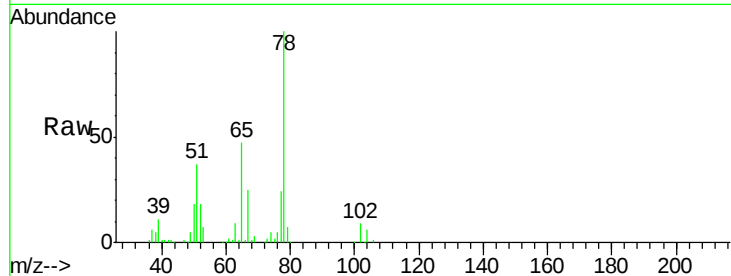
#33
 1,2-Dichloroethane-d4
 Concen: 50.236 ug/l
 RT: 7.98 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	100001		
67	51.8	0.0	101.6	

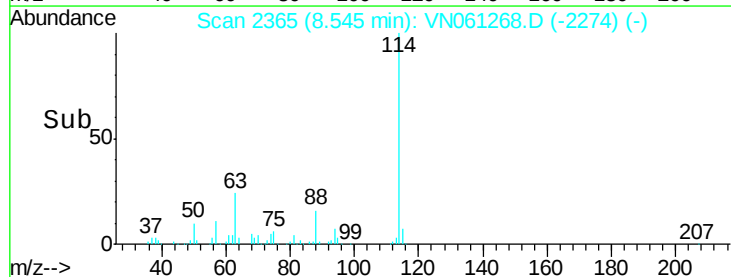
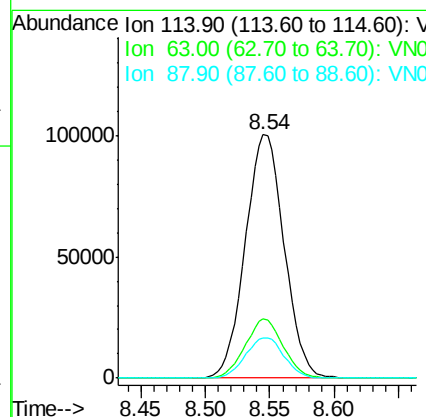
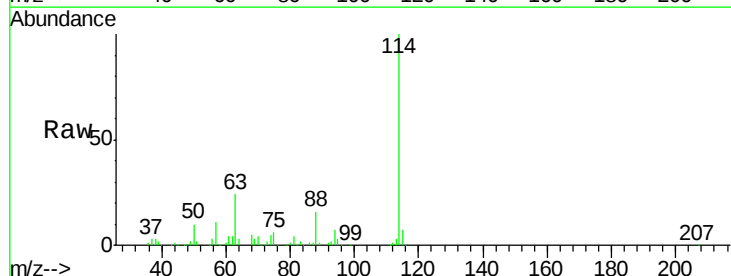
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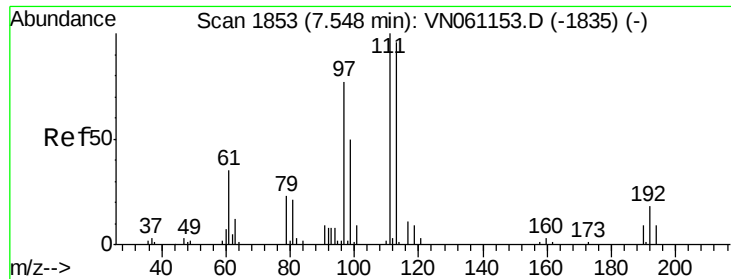
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	210530		
63	24.4	0.0	46.6	
88	16.4	0.0	33.4	





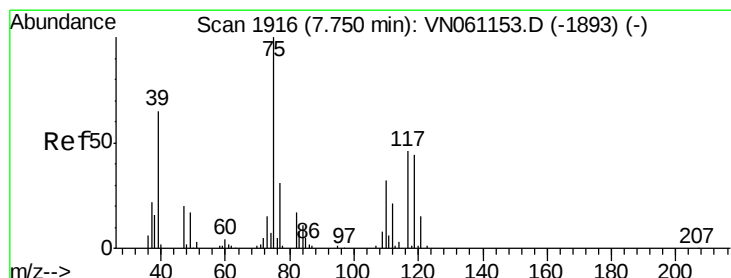
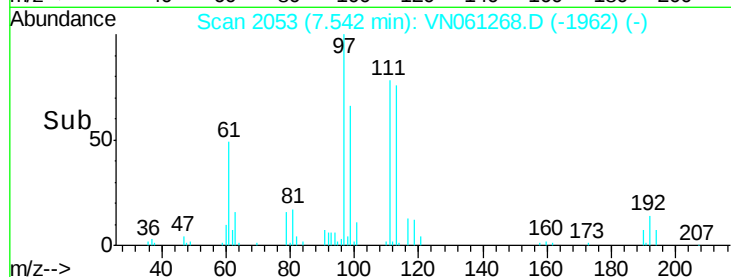
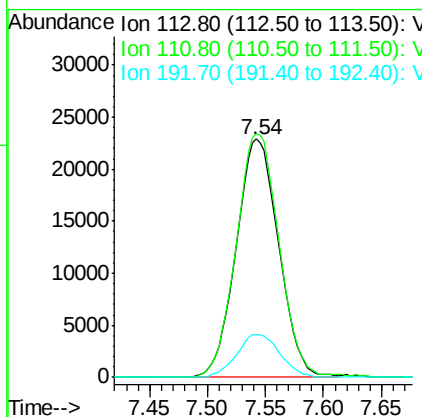
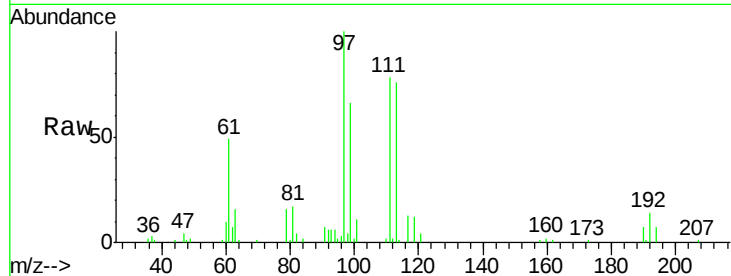
#35
 Dibromofluoromethane
 Concen: 46.848 ug/l
 RT: 7.54 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	58322		
111	102.9	82.9	124.3	
192	18.2	14.7	22.1	

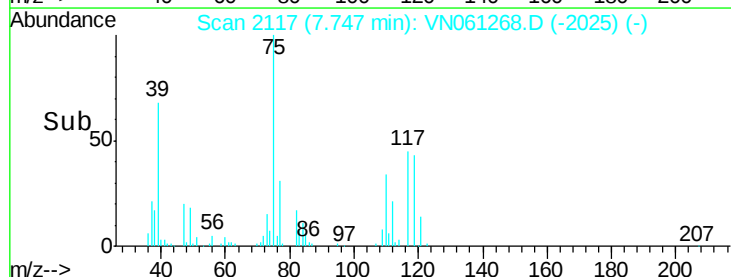
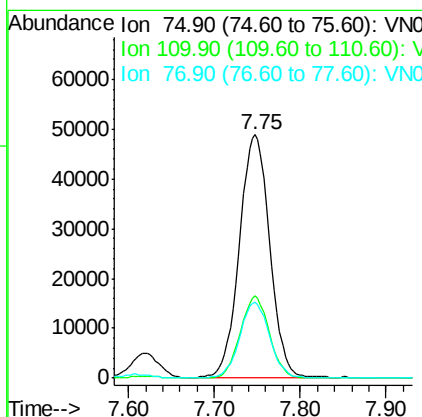
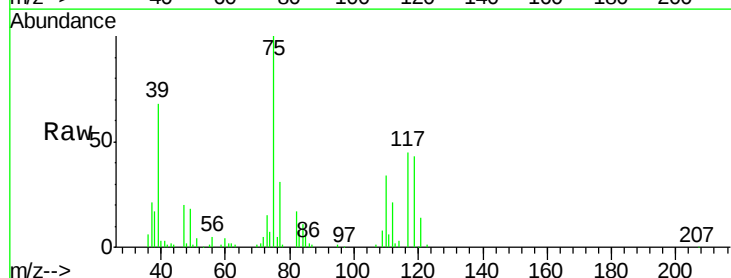
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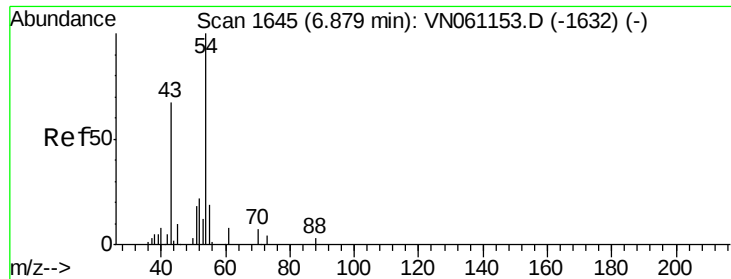
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#36
 1,1-Dichloropropene
 Concen: 57.083 ug/l
 RT: 7.75 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	120303		
110	32.1	16.0	48.0	
77	30.7	24.6	37.0	





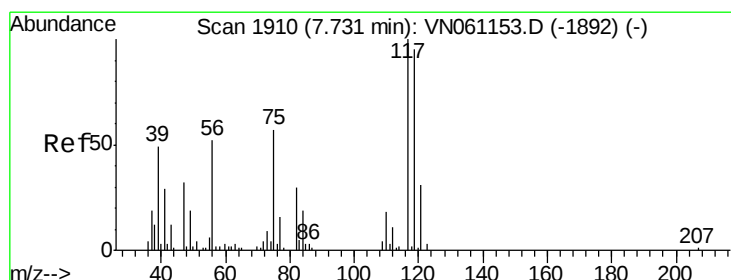
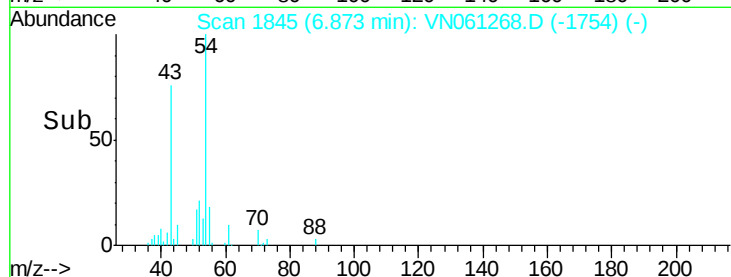
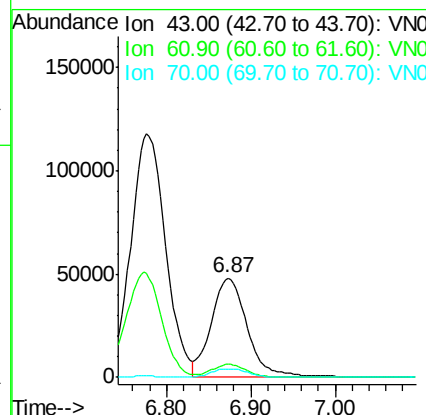
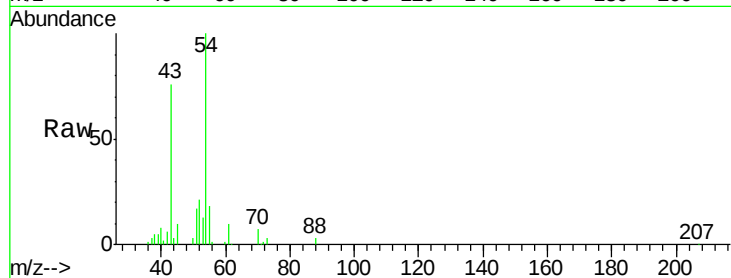
#37
Ethyl Acetate
Concen: 56.911 ug/l
RT: 6.87 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.2	15.2
70	8.9	7.2	10.8

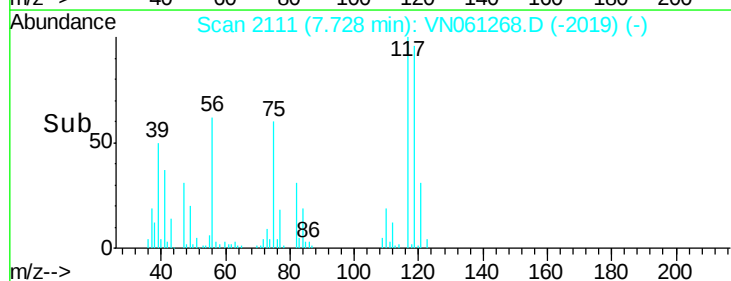
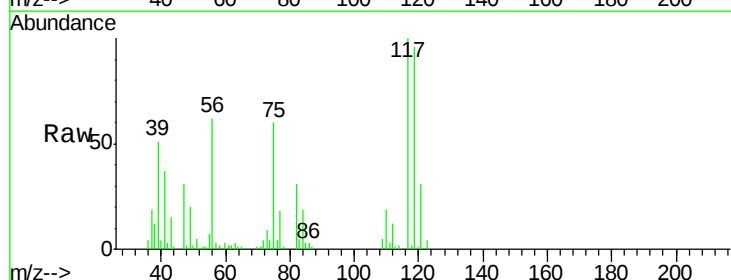
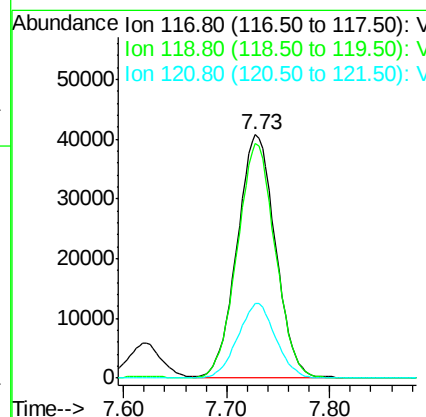
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#38
Carbon Tetrachloride
Concen: 54.518 ug/l
RT: 7.73 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.6
121	30.7	24.7	37.1





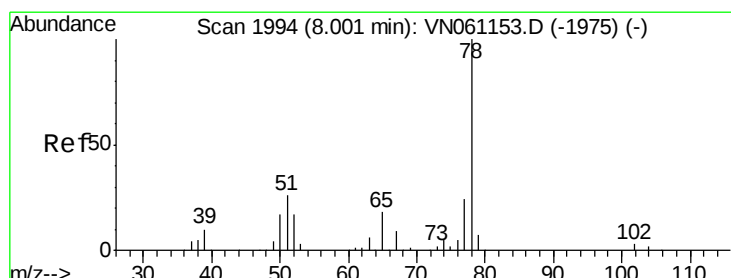
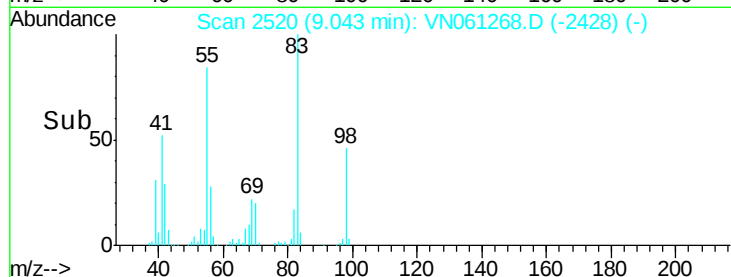
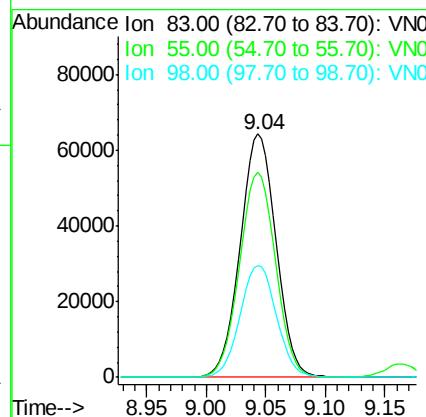
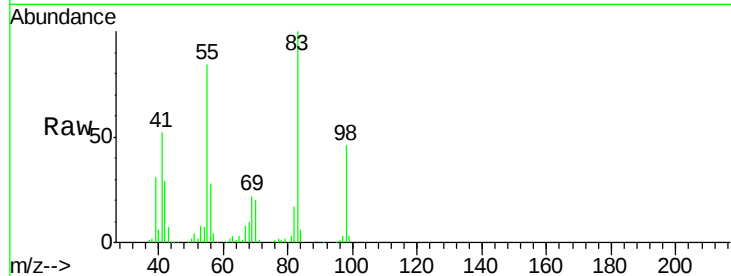
#39
Methvlcvclohexane
Concen: 56.907 ug/l
RT: 9.04 min Scan# 2520
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	84.1	67.3	100.9	
98	45.8	37.7	56.5	

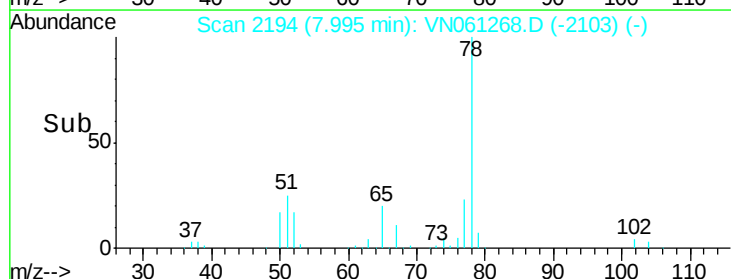
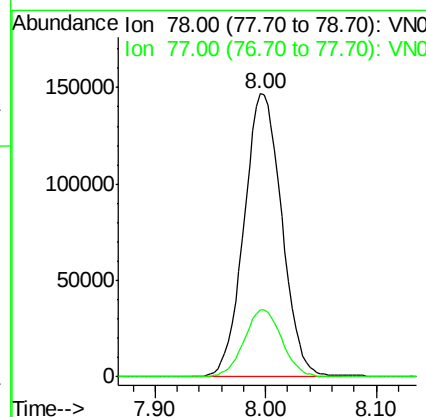
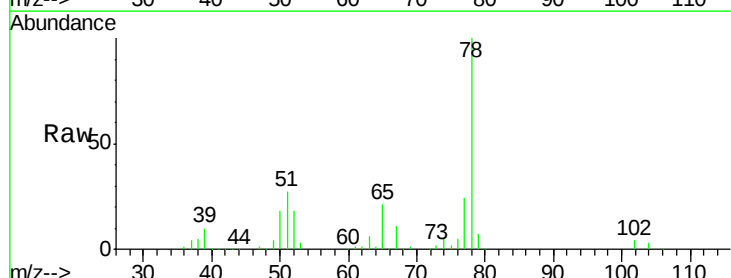
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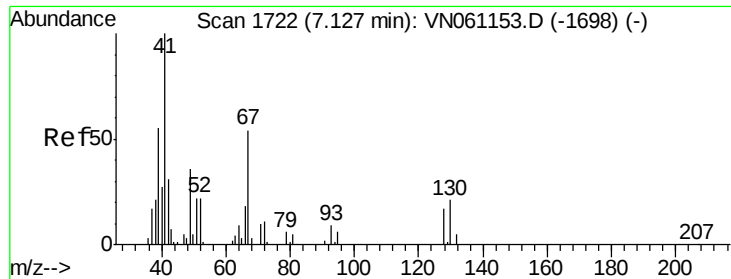
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#40
Benzene
Concen: 55.500 ug/l
RT: 8.00 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.0	28.6	





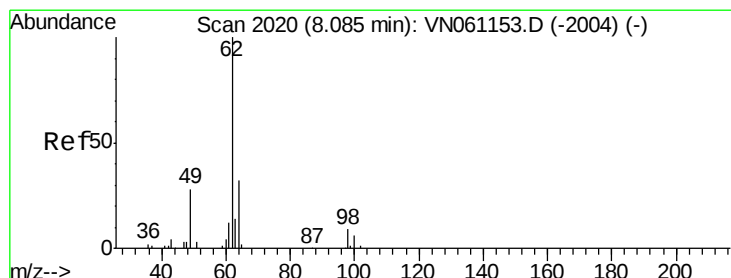
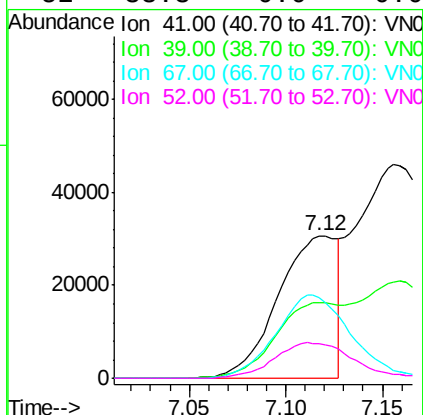
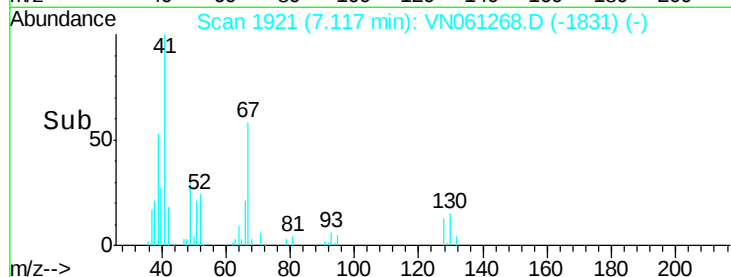
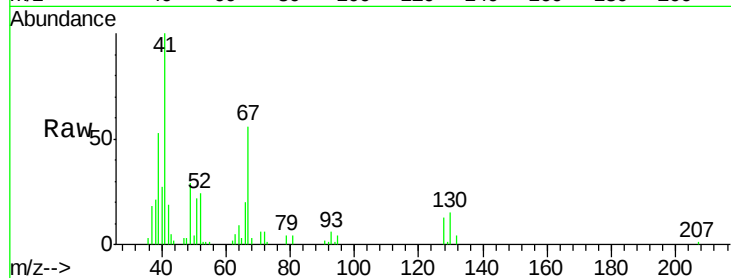
#41
Methacrylonitrile
Concen: 63.823 ug/l
RT: 7.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	59.6	0.0	0.0#		
67	74.1	0.0	0.0#		
52	33.3	0.0	0.0#		

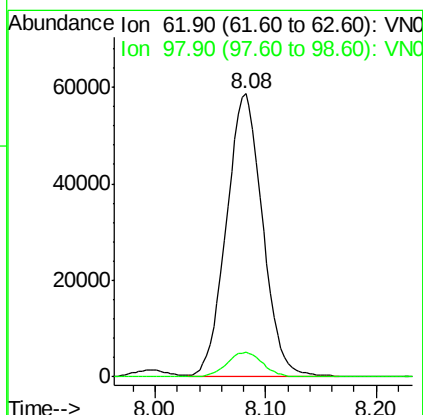
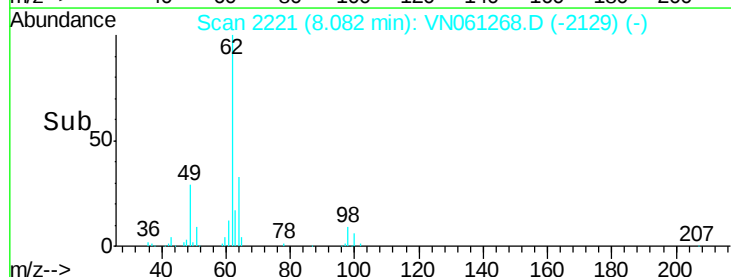
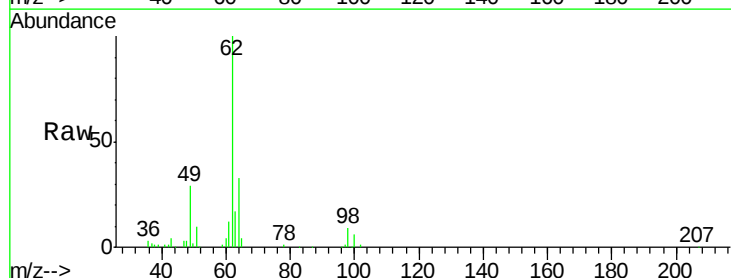
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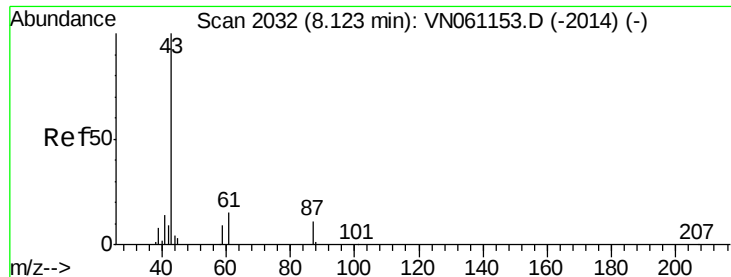
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#42
1,2-Dichloroethane
Concen: 55.837 ug/l
RT: 8.08 min Scan# 2221
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.6	0.0	16.8		





#43

Isopropyl Acetate

Concen: 56.932 ug/l

RT: 8.12 min Scan# 2233

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

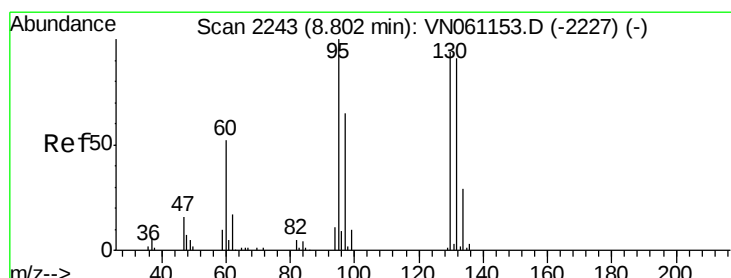
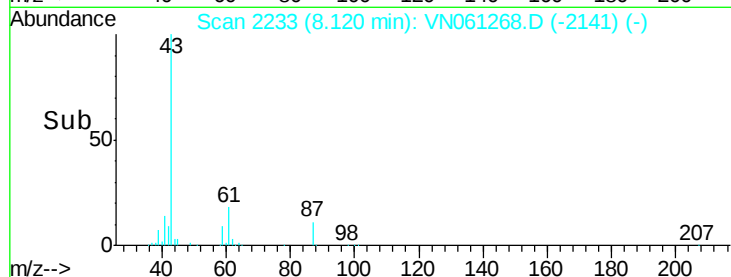
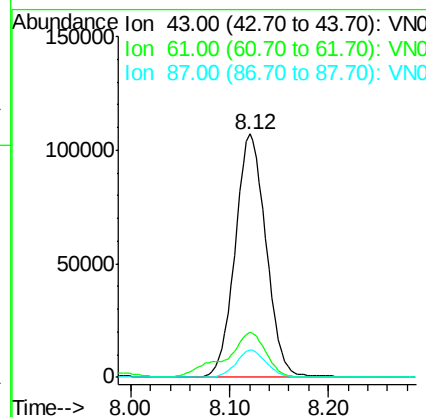
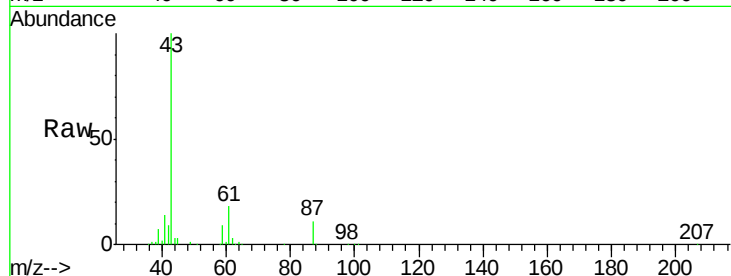
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	233446
Ion Ratio		Lower	Upper
43	100		
61	24.4	19.5	29.3
87	10.9	8.9	13.3

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5/5/2020 11:36:08 AM



#44

Trichloroethene

Concen: 52.653 ug/l

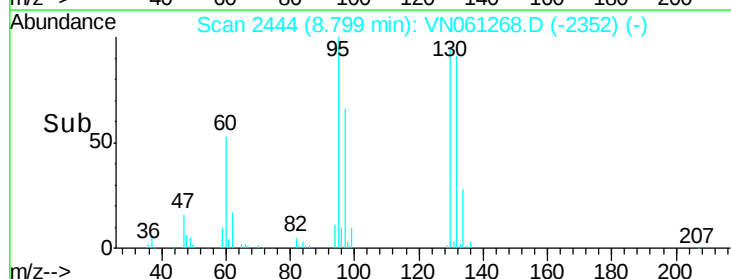
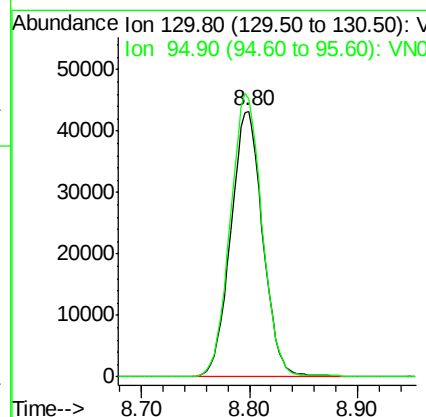
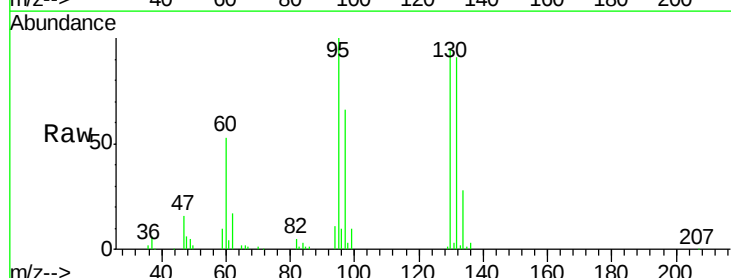
RT: 8.80 min Scan# 2444

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	130	Resp:	89369
Ion Ratio		Lower	Upper
130	100		
95	104.9	0.0	212.4





#45

1,2-Dichloropropane

Concen: 57.418 ug/l

RT: 9.08 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 96314

Ion Ratio Lower Upper

63 100

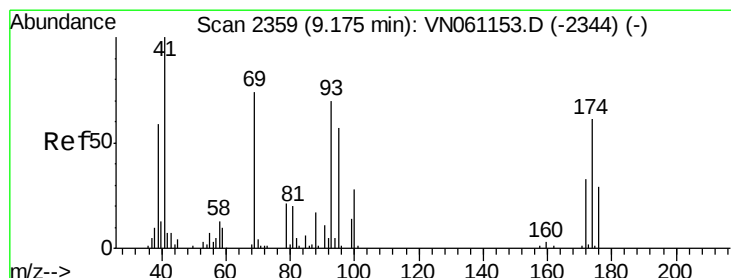
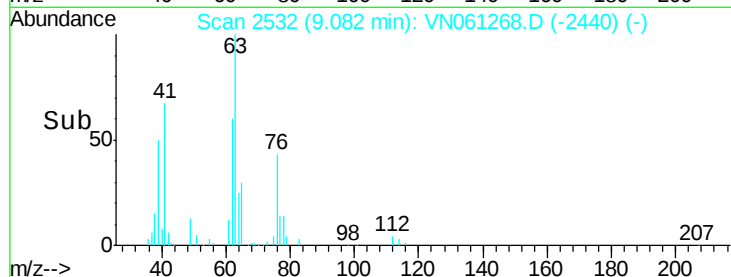
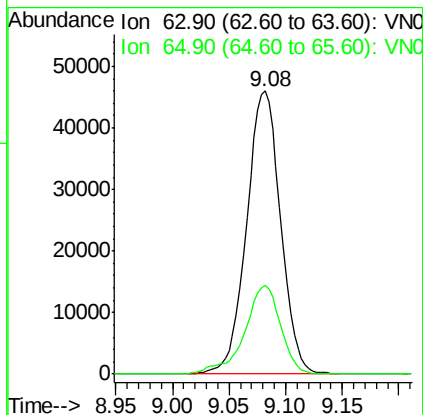
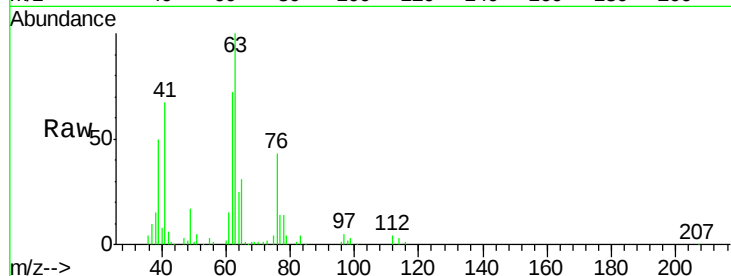
65 31.3 24.7 37.1

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#46

Dibromomethane

Concen: 56.834 ug/l

RT: 9.17 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

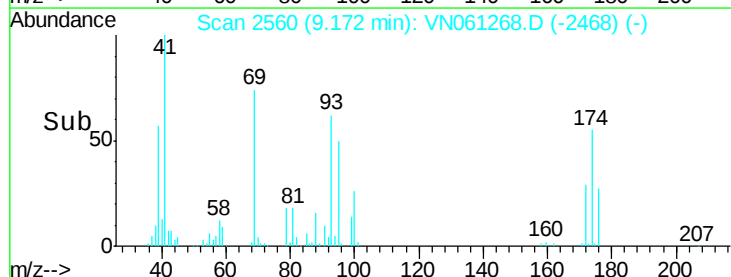
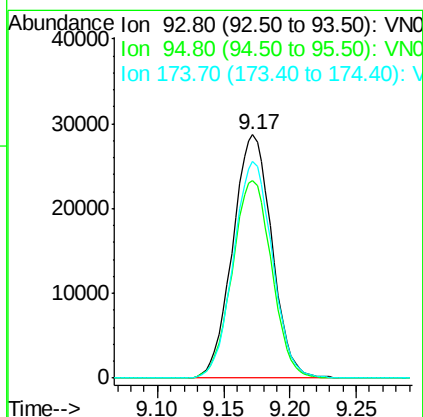
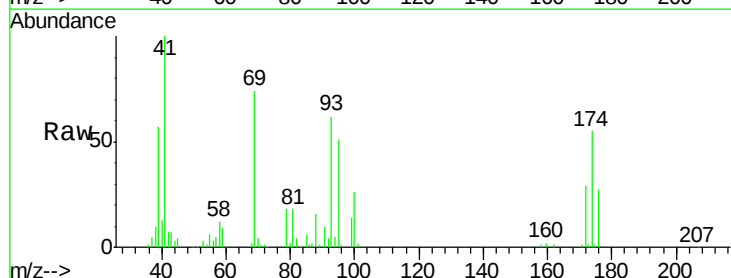
Tgt Ion: 93 Resp: 59029

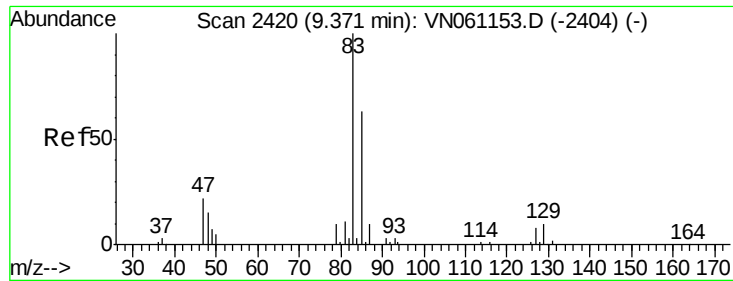
Ion Ratio Lower Upper

93 100

95 81.3 66.6 99.8

174 88.4 70.2 105.2





#47

Bromodichloromethane

Concen: 57.517 ug/l

RT: 9.36 min Scan# 2620

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

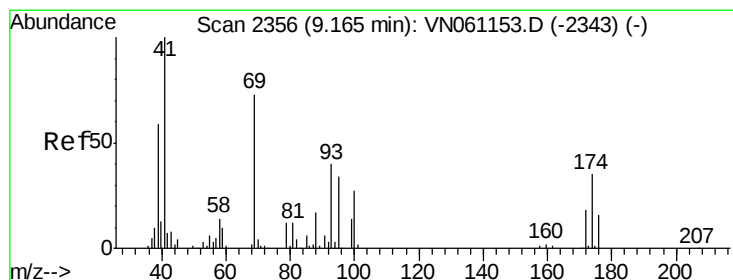
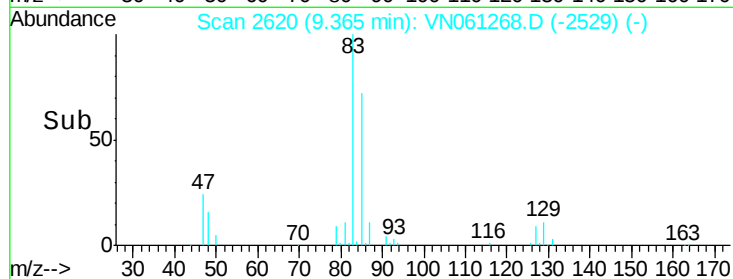
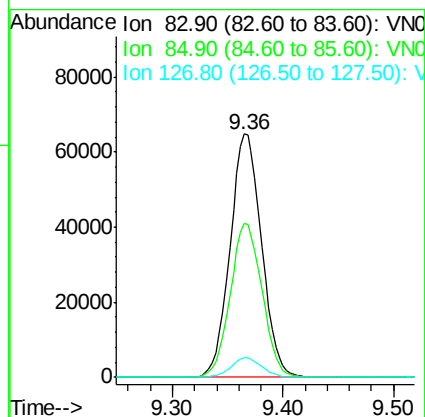
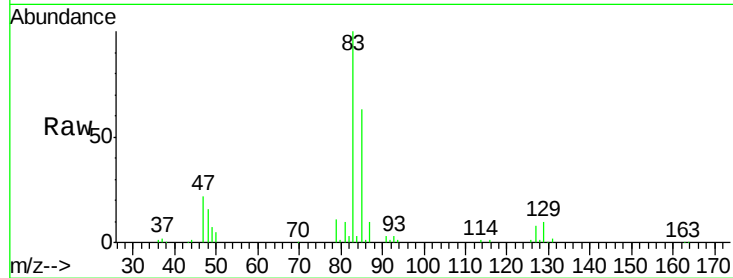
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	128221
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.4	75.6
127	8.0	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.048 ug/l

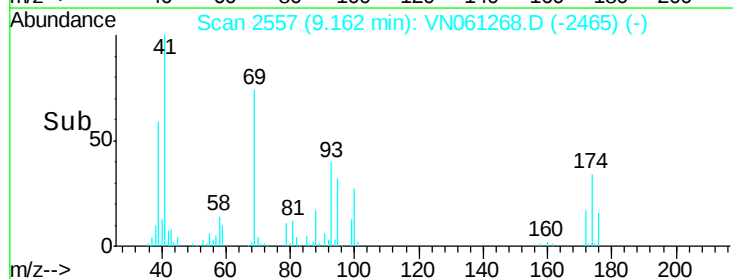
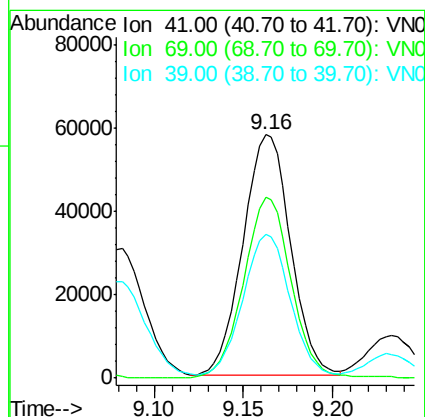
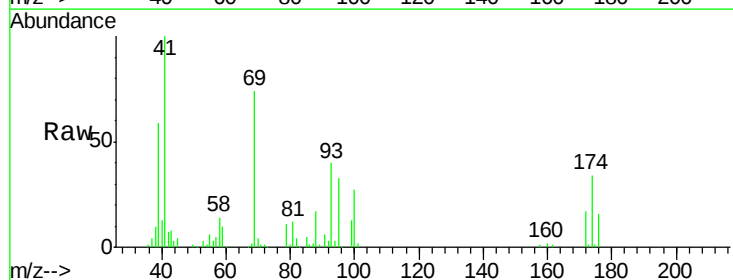
RT: 9.16 min Scan# 2557

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	41	Resp:	107407
Ion Ratio	Lower	Upper	
41	100		
69	75.3	60.3	90.5
39	60.2	47.4	71.0





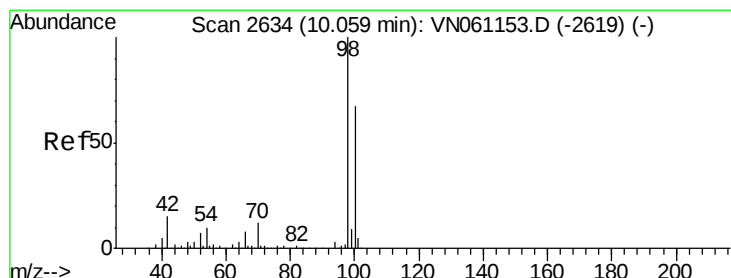
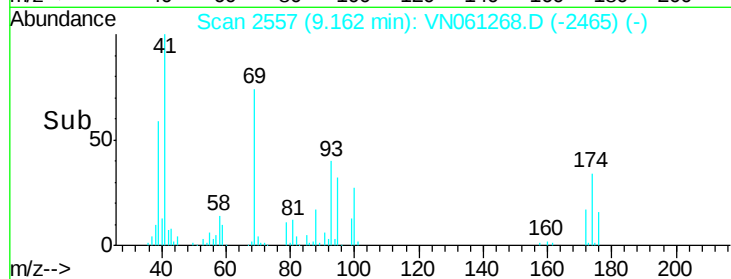
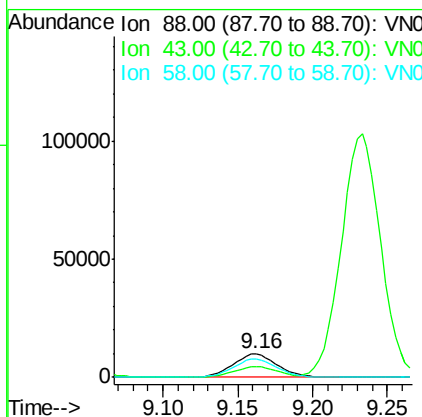
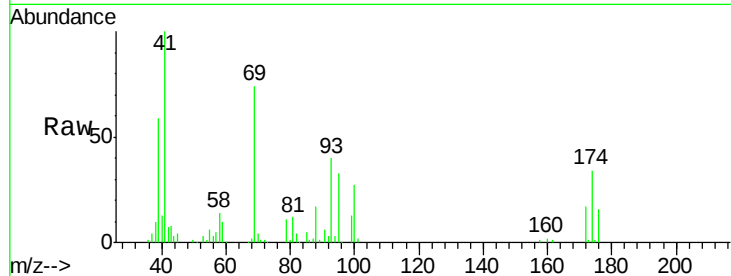
#49
1,4-Dioxane
Concen: 970.560 ug/l
RT: 9.16 min Scan# 2557
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	45.8	35.3	52.9
58	78.2	61.5	92.3

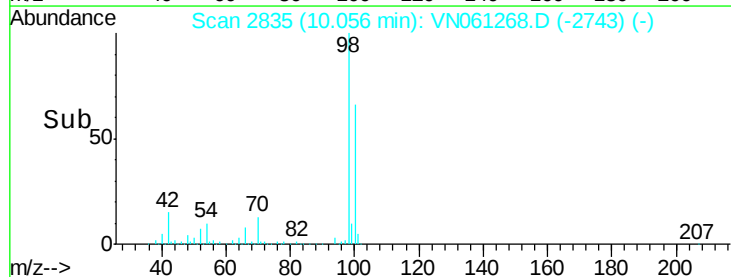
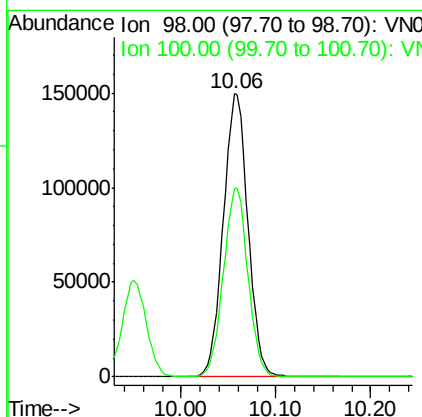
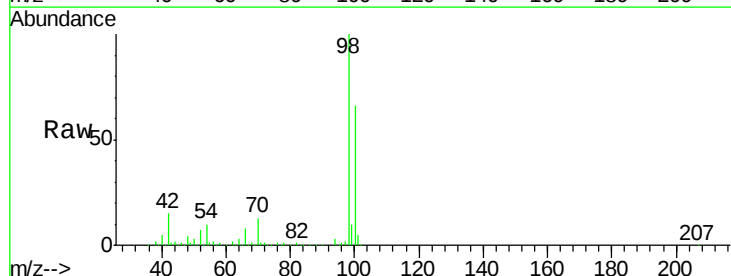
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#50
Toluene-d8
Concen: 53.393 ug/l
RT: 10.06 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0





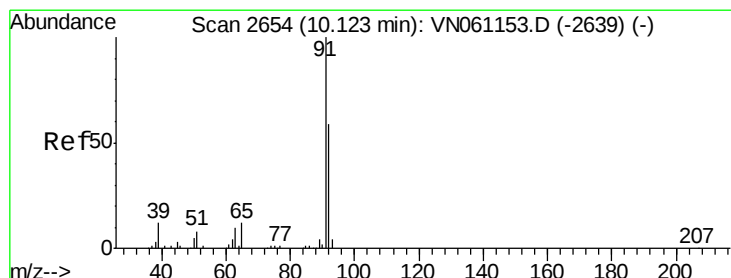
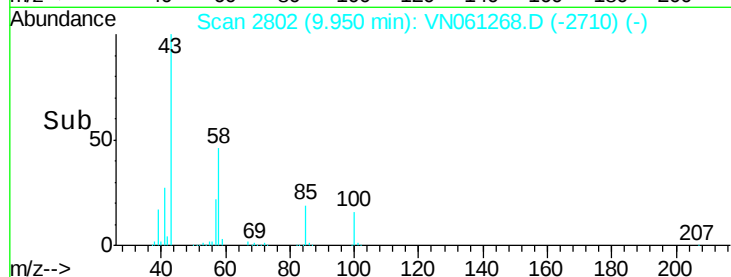
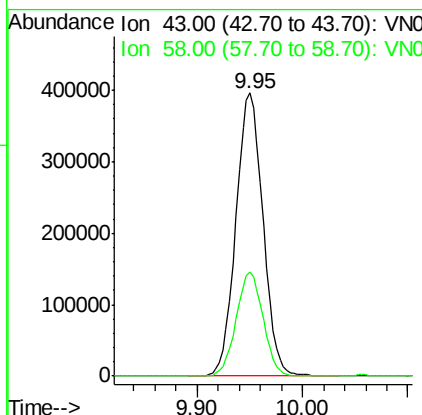
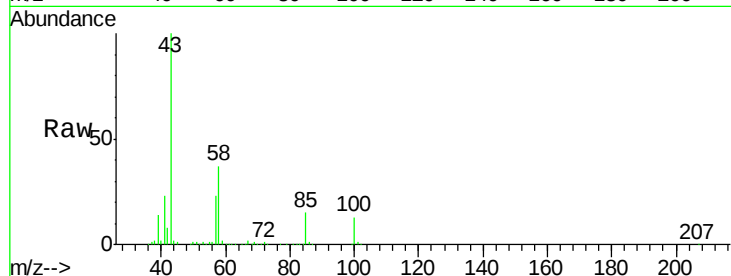
#51
4-Methyl-2-Pentanone
Concen: 292.332 ug/l
RT: 9.95 min Scan# 2802
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	705561
Ion Ratio	43	100	
Lower	58	36.6	29.1
Upper			43.7

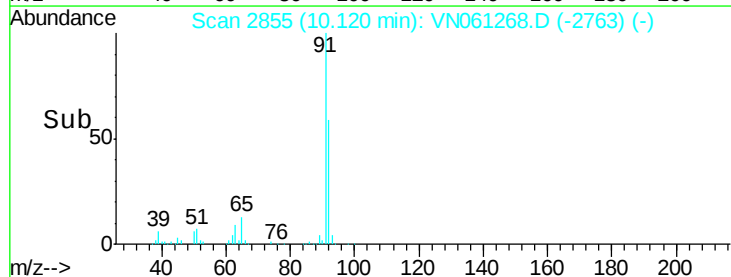
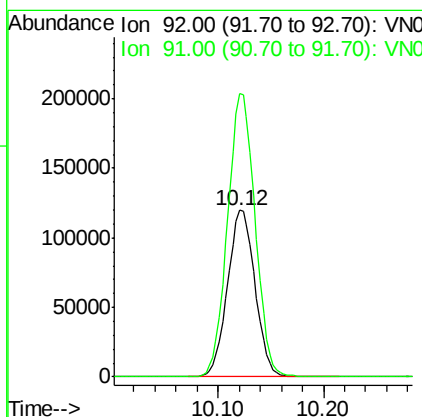
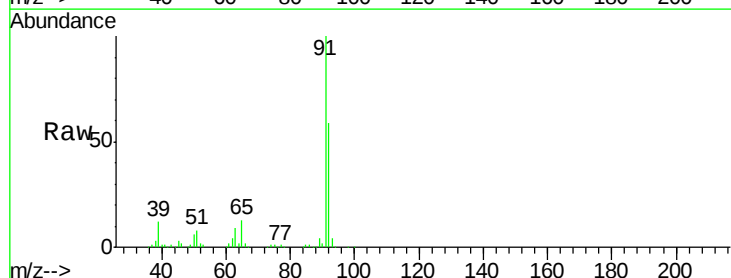
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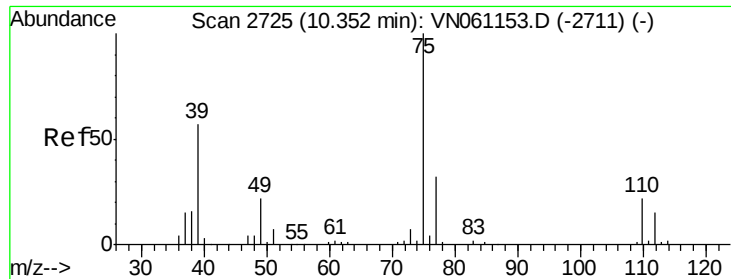
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#52
Toluene
Concen: 57.190 ug/l
RT: 10.12 min Scan# 2855
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	92	Resp	216286
Ion Ratio	92	100	
Lower	91	170.4	136.2
Upper			204.2





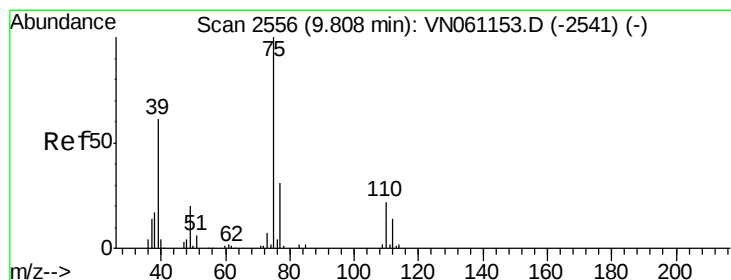
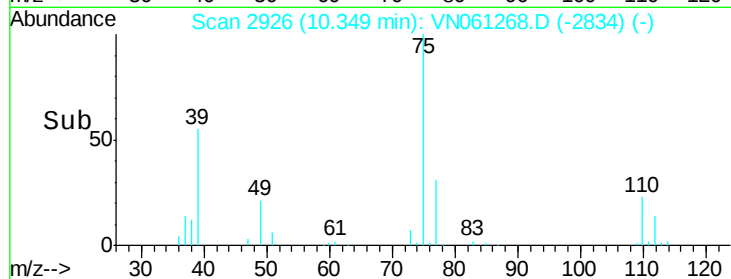
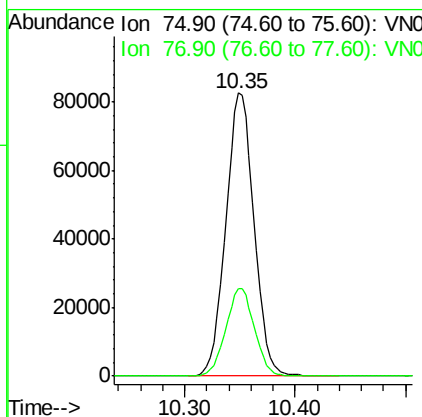
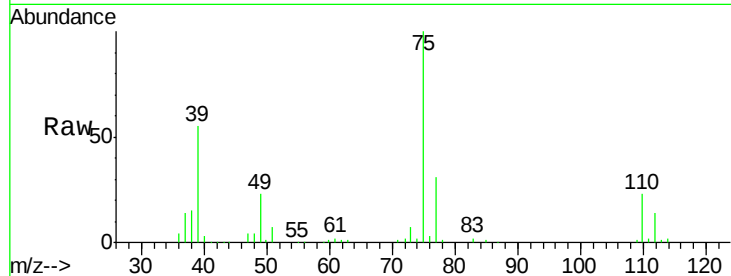
#53
t-1,3-Dichloropropene
Concen: 58.231 ug/l
RT: 10.35 min Scan# 2926
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 146272
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3

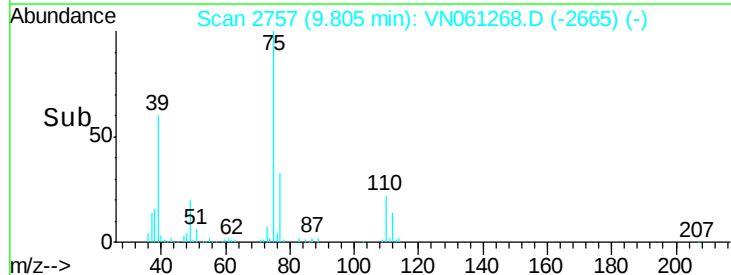
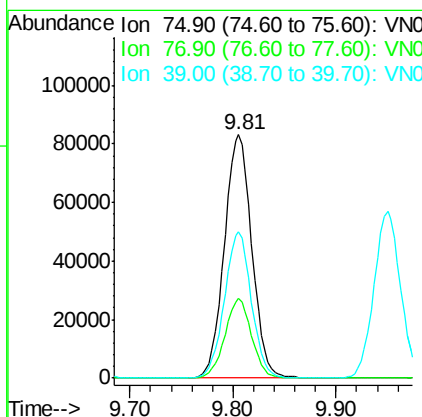
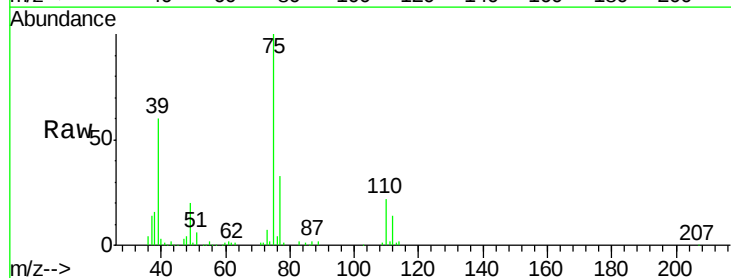
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#54
cis-1,3-Dichloropropene
Concen: 58.006 ug/l
RT: 9.81 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 75 Resp: 154041
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4
39 60.3 48.7 73.1





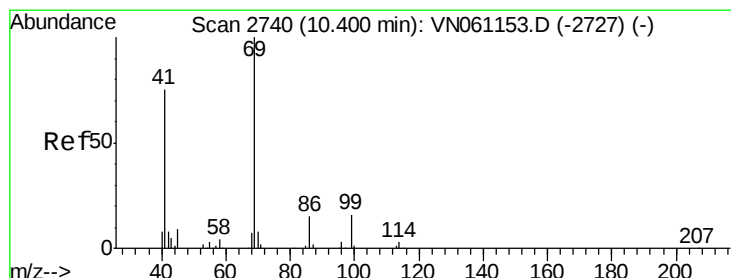
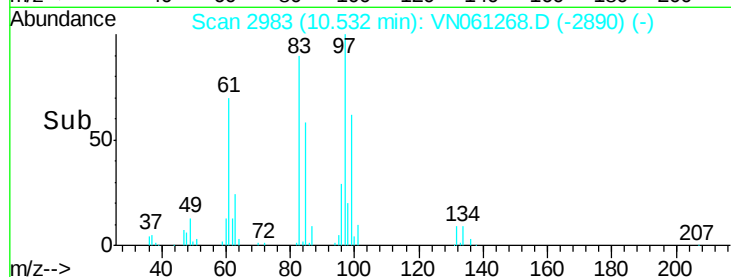
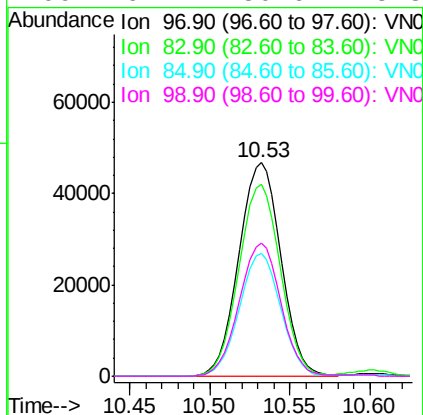
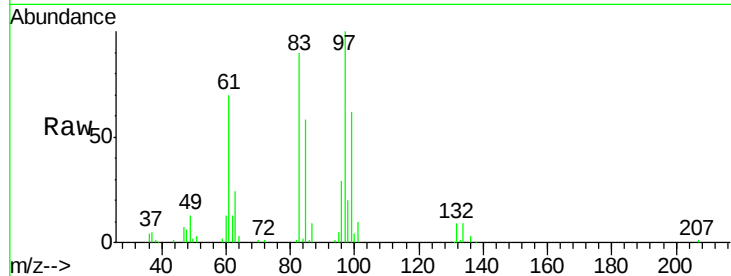
#55
 1,1,2-Trichloroethane
 Concen: 55.718 ug/l
 RT: 10.53 min Scan# 2983
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	84050
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.6	106.0
85	57.7	46.4	69.6
99	62.2	50.6	75.8

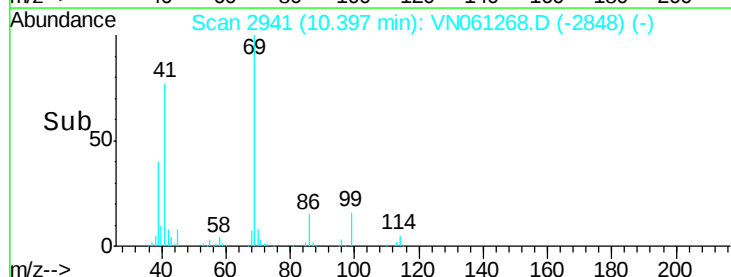
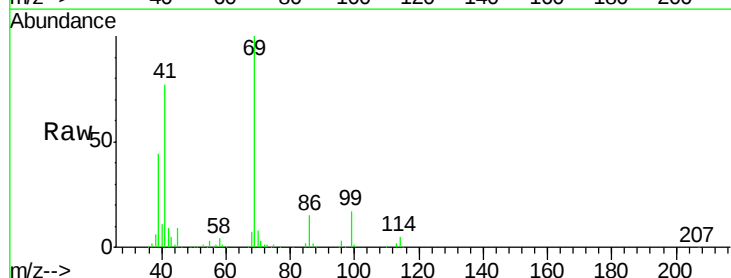
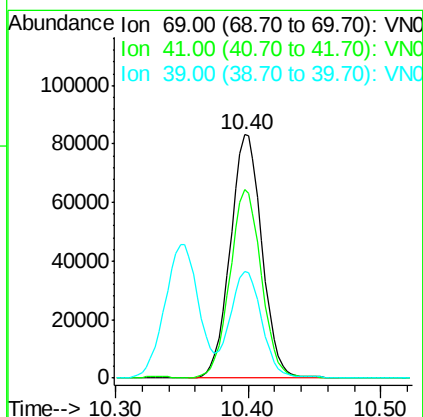
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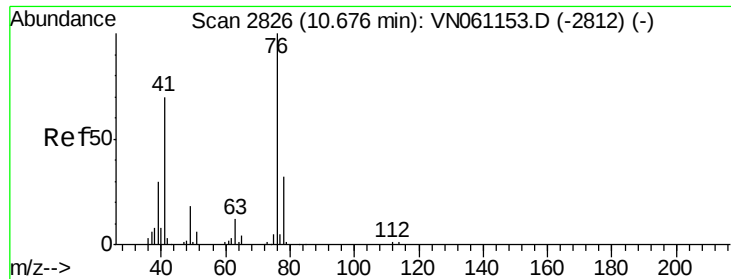
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#56
 Ethyl methacrylate
 Concen: 52.416 ug/l
 RT: 10.40 min Scan# 2941
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion:	69	Resp:	138150
Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.3	90.5
39	43.8	35.9	53.9





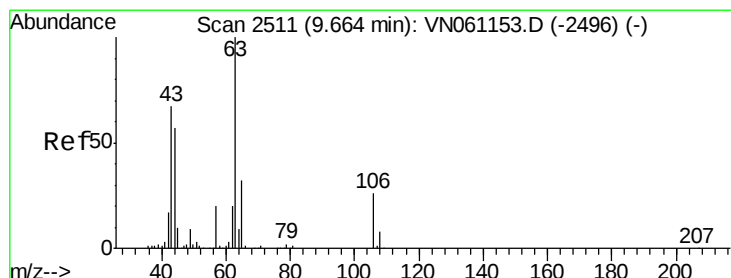
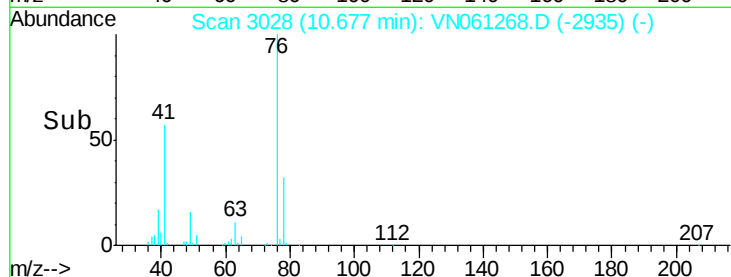
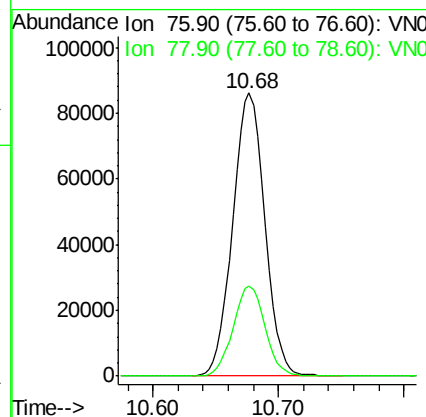
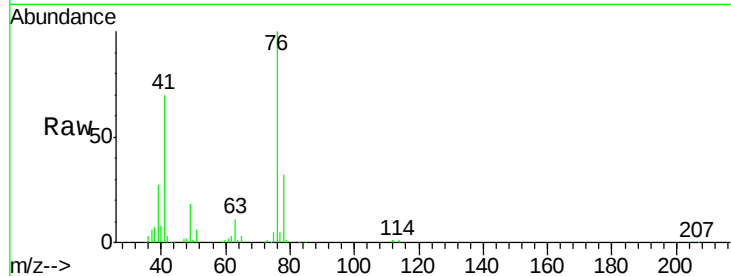
#57
 1,3-Dichloropropane
 Concen: 57.664 ug/l
 RT: 10.68 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 152899
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3

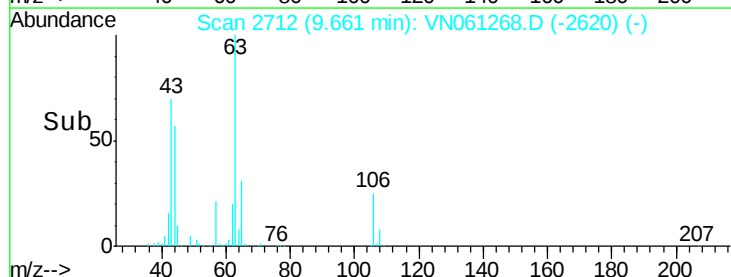
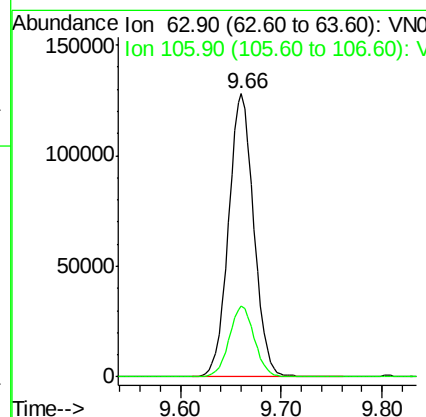
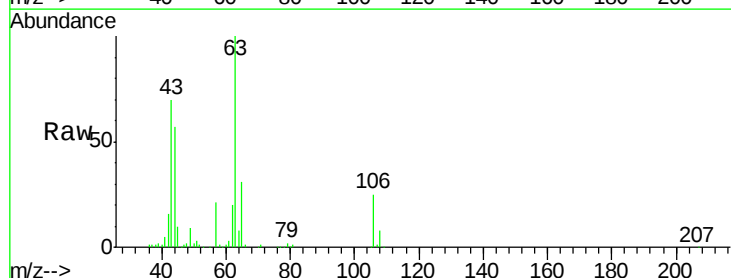
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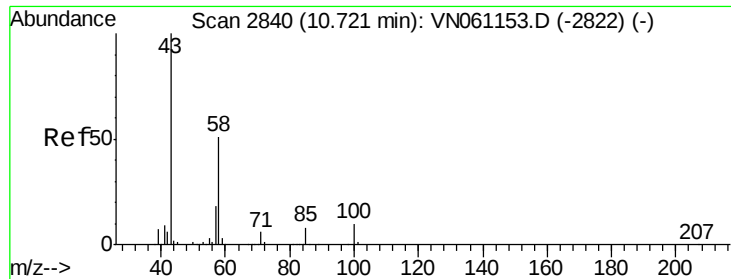
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#58
 2-Chloroethyl Vinyl ether
 Concen: 183.276 ug/l
 RT: 9.66 min Scan# 2712
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion: 63 Resp: 223788
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.6 30.8





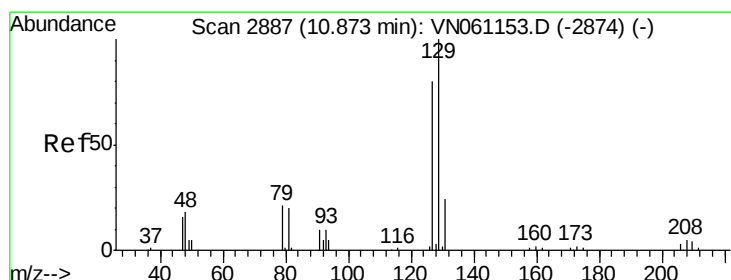
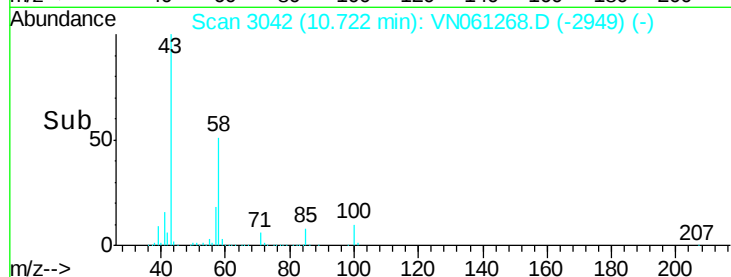
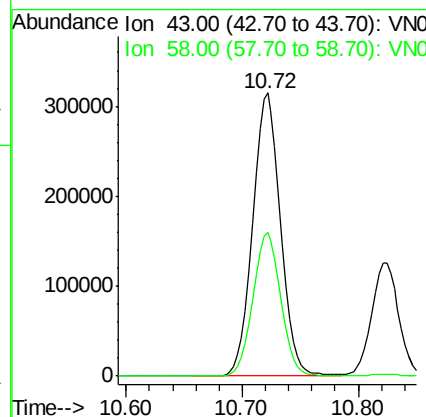
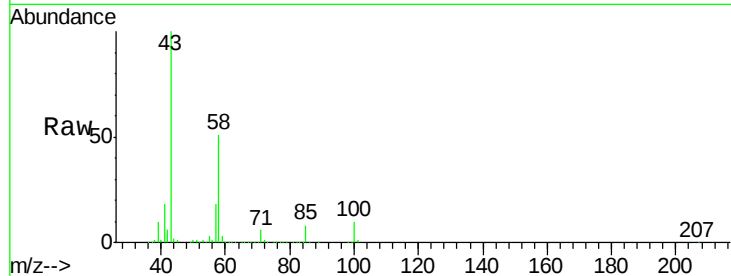
#59
2-Hexanone
Concen: 300.894 ug/l
RT: 10.72 min Scan# 3042
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 528343
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.4

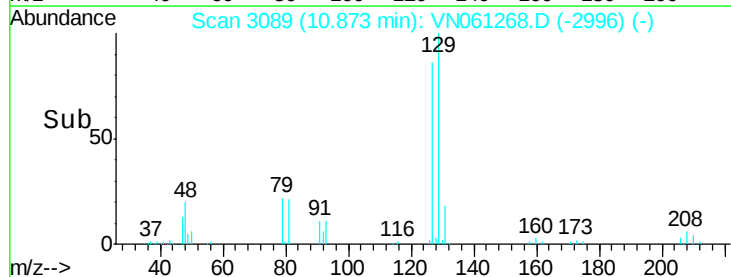
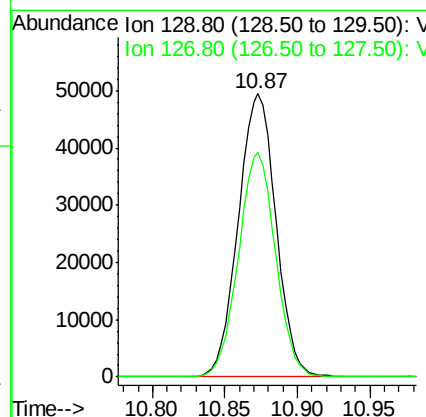
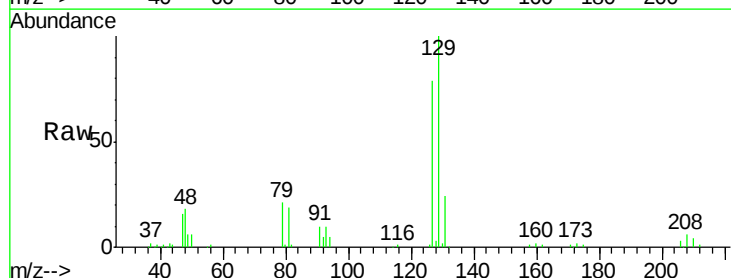
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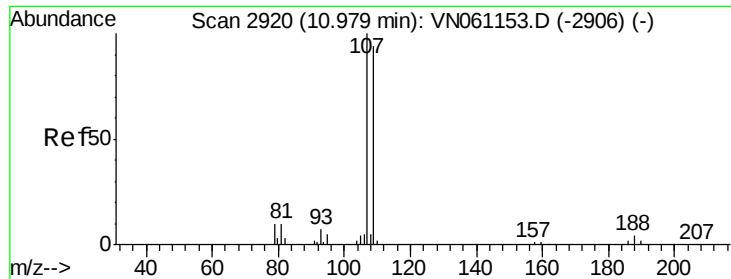
MMDadoda
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#60
Dibromochloromethane
Concen: 56.565 ug/l
RT: 10.87 min Scan# 3089
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 129 Resp: 89368
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 56.167 ug/l

RT: 10.98 min Scan# 3121

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 84922

Ion Ratio Lower Upper

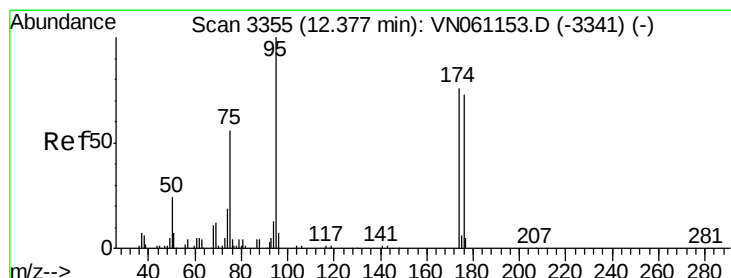
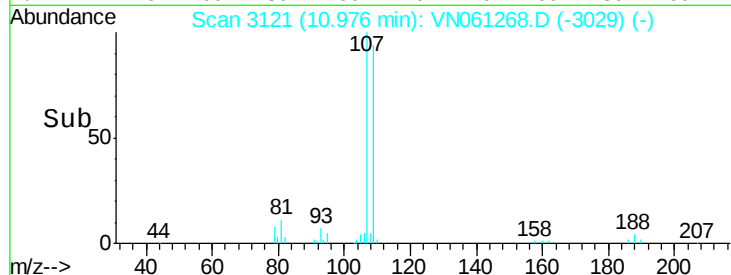
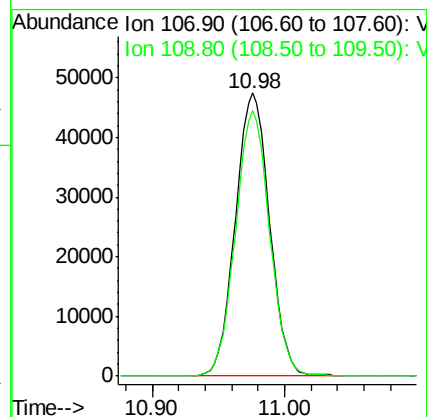
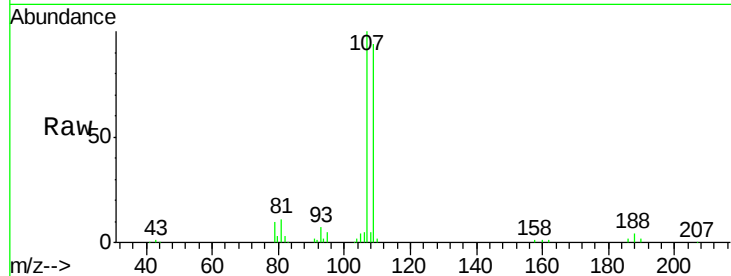
107 100

109 93.3 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 53.616 ug/l

RT: 12.37 min Scan# 3556

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

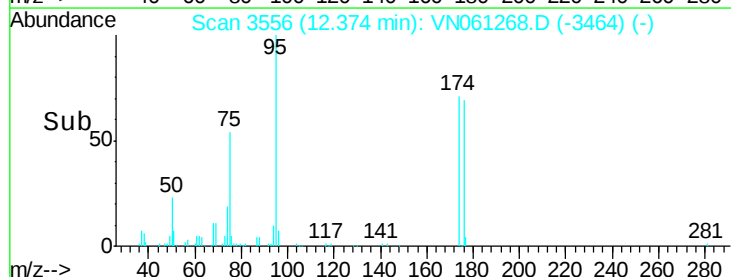
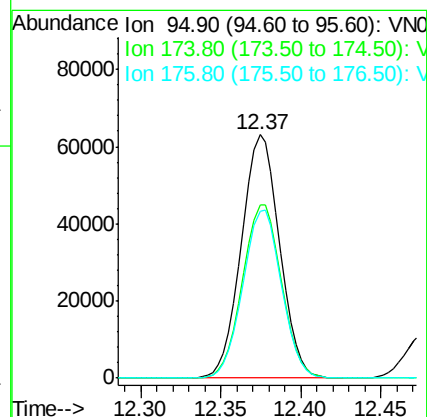
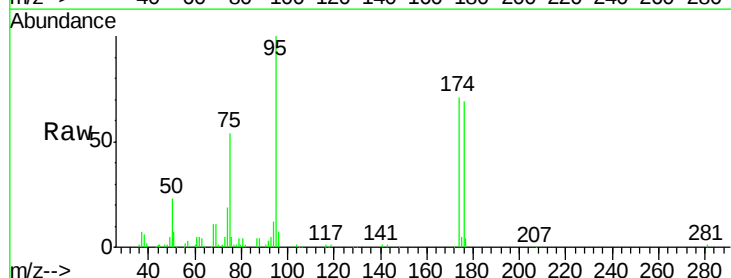
Tgt Ion: 95 Resp: 102395

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.4

176 69.9 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3246

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

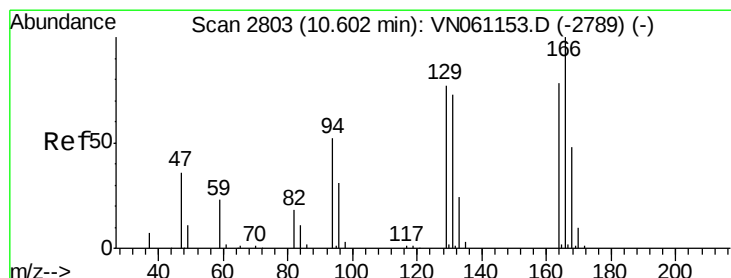
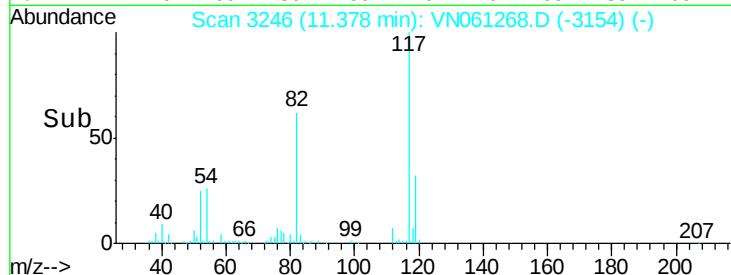
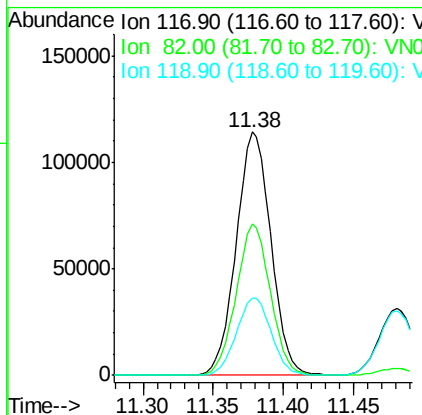
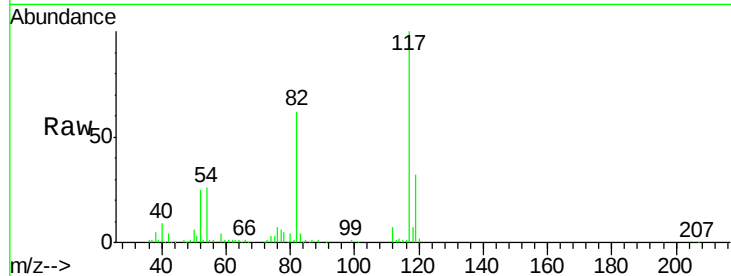
ClientSampled :

VSTDCCC050

Tot Ion:	117	Resp:	197581
Ion Ratio	Lower	Upper	
117	100		
82	62.1	47.8	71.8
119	31.8	25.8	38.6

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#64

Tetrachloroethene

Concen: 51.670 ug/l

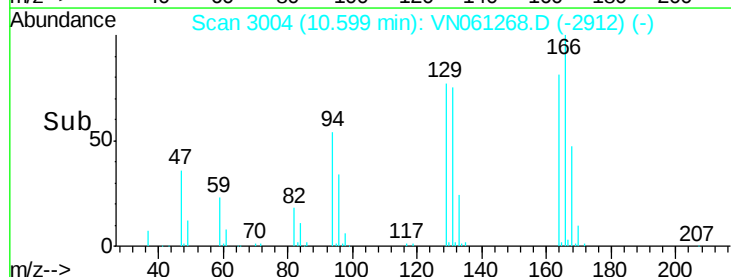
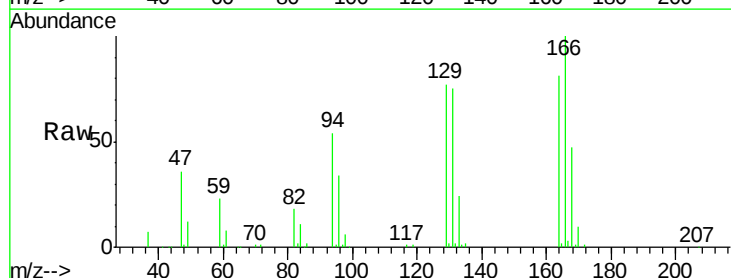
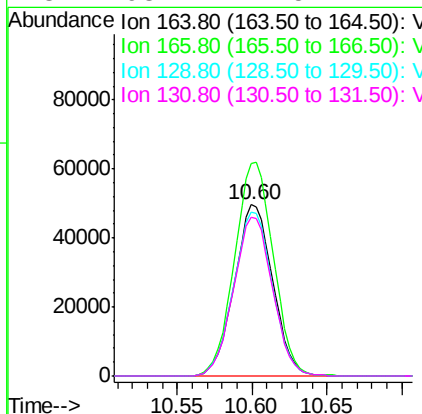
RT: 10.60 min Scan# 3004

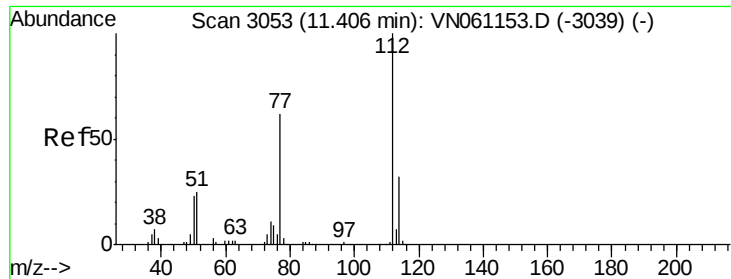
Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	164	Resp:	88422
Ion Ratio	Lower	Upper	
164	100		
166	124.2	102.0	153.0
129	96.2	78.2	117.2
131	93.2	74.5	111.7





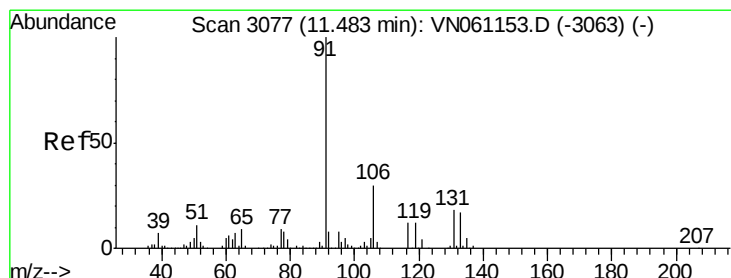
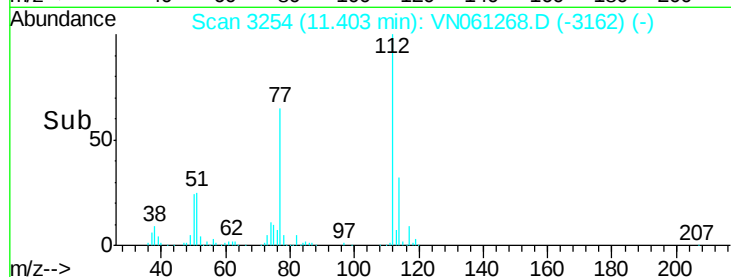
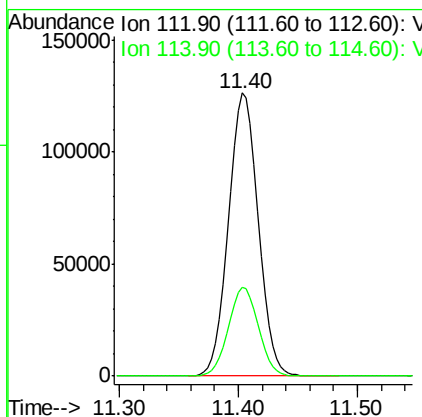
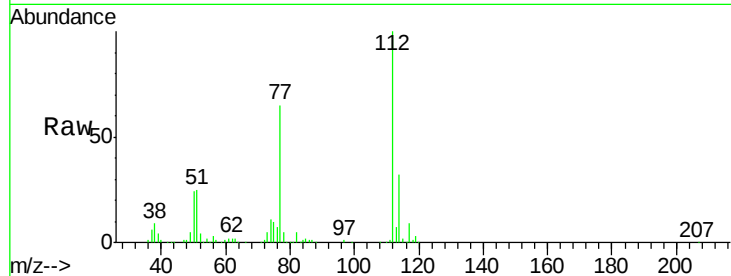
#65
Chlorobenzene
Concen: 55.947 ug/l
RT: 11.40 min Scan# 3254
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	219275		
114	31.6	25.4	38.2	

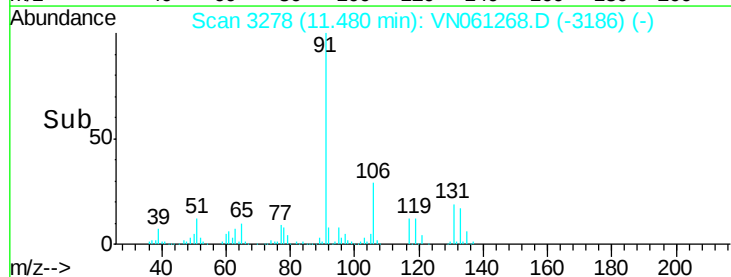
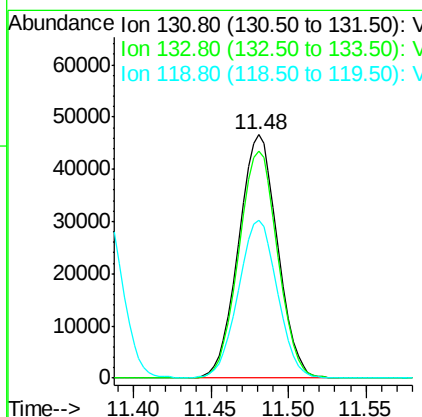
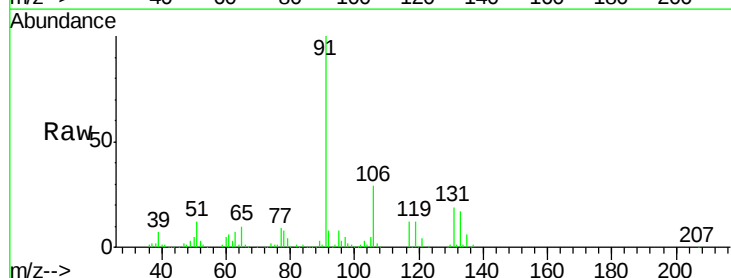
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.233 ug/l
RT: 11.48 min Scan# 3278
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	81687		
133	93.1	48.0	144.2	
119	65.0	32.6	97.8	





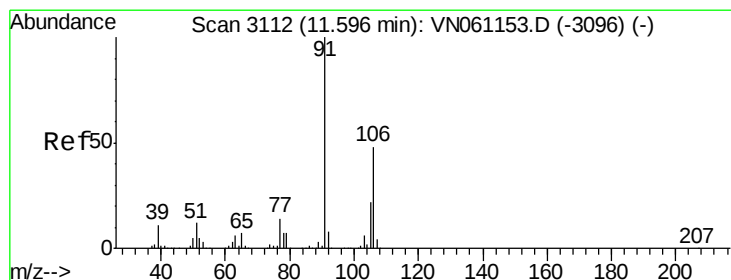
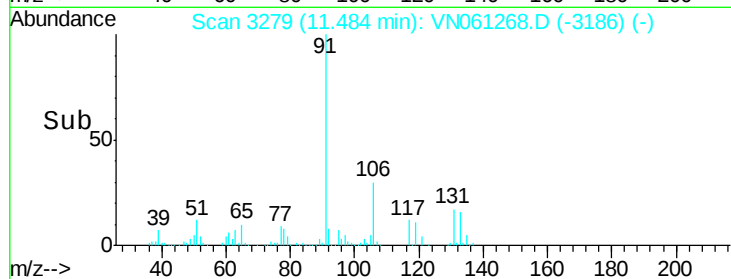
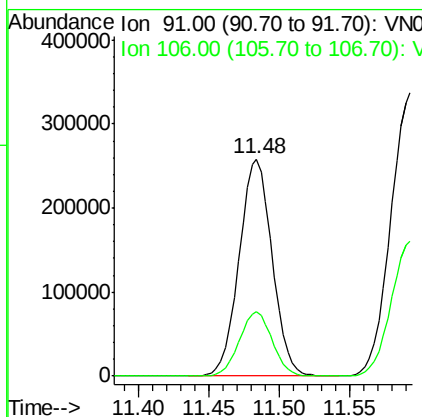
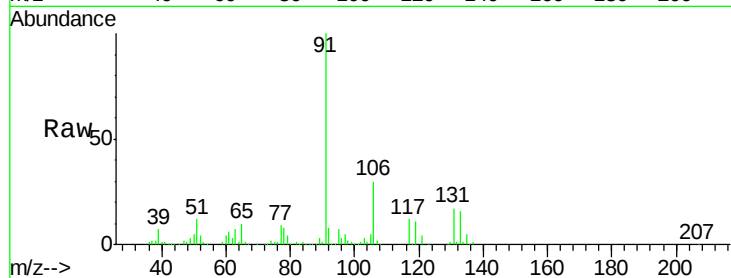
#67
Ethyl Benzene
Concen: 57.714 ug/l
RT: 11.48 min Scan# 3279
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.6

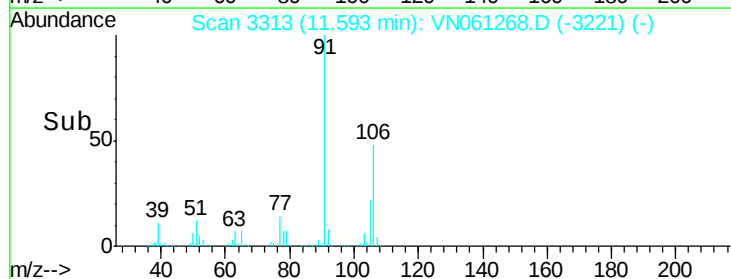
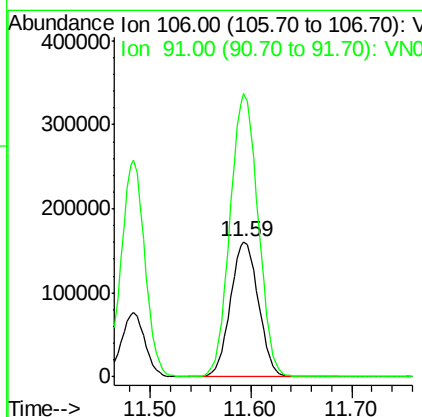
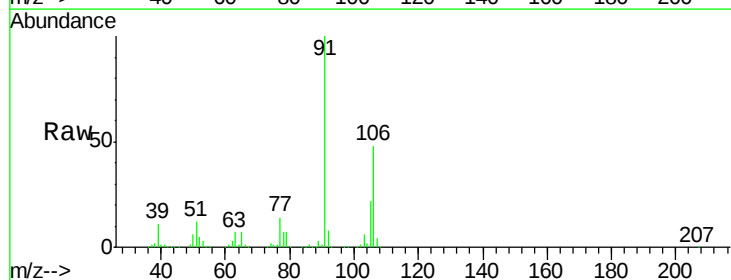
Manual Integrations
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#68
m/p-Xylenes
Concen: 115.653 ug/l
RT: 11.59 min Scan# 3313
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.4	166.4	249.6





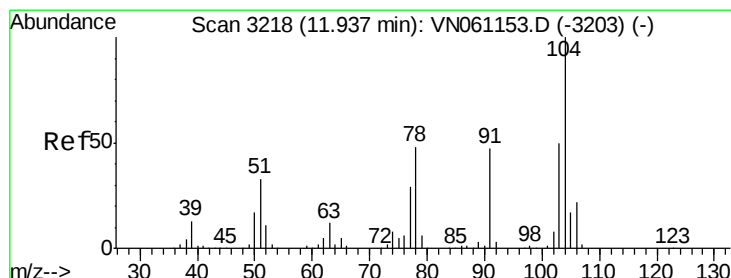
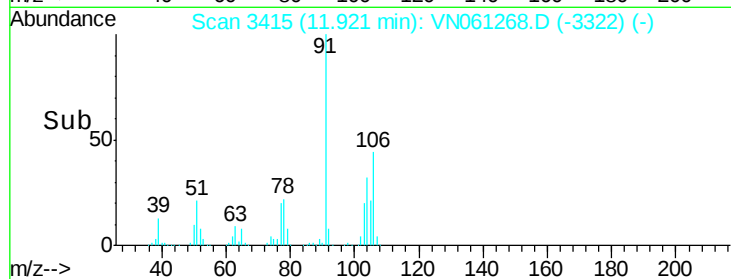
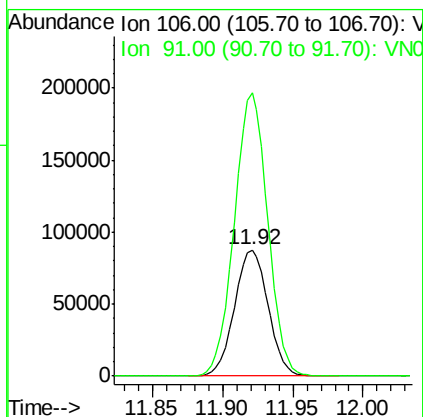
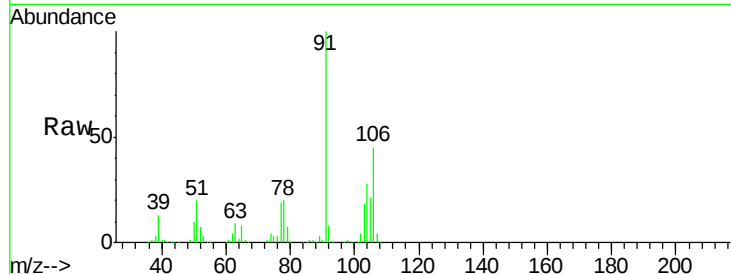
#69
o-Xylene
Concen: 56.790 ug/l
RT: 11.92 min Scan# 3415
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		146498		
91	222.8	109.7	329.0		

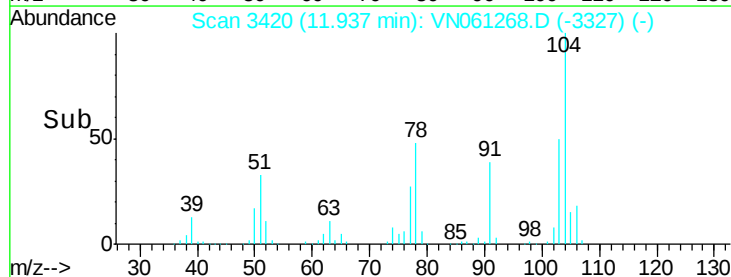
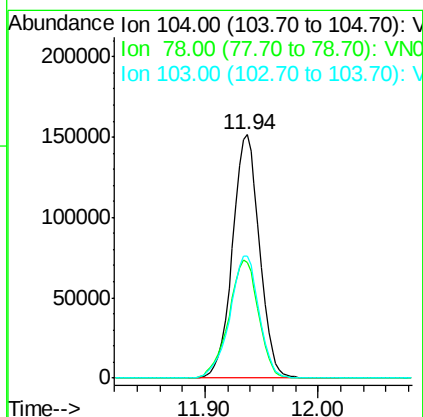
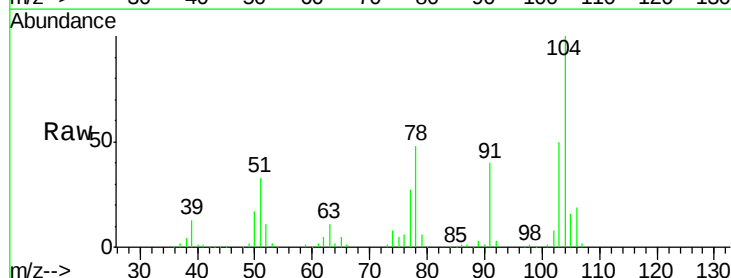
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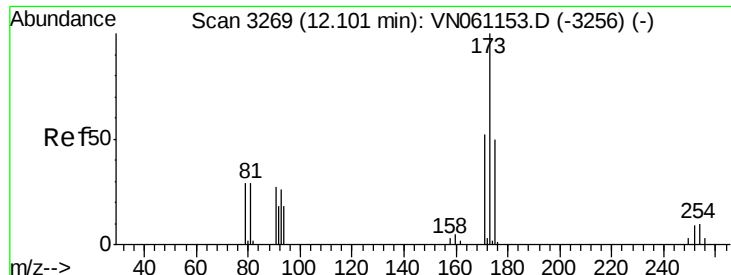
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#70
Styrene
Concen: 58.323 ug/l
RT: 11.94 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		251811		
78	53.7	42.1	63.1		
103	54.4	43.3	64.9		





#71

Bromoform

Concen: 58.695 ug/l

RT: 12.10 min Scan# 3471

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:173 Resp: 60512

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

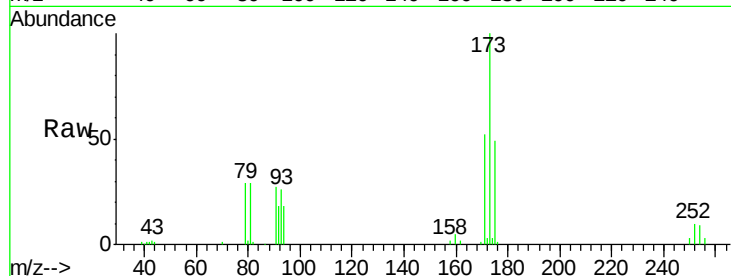
254 0.0 0.0 0.0

Manual Integrations

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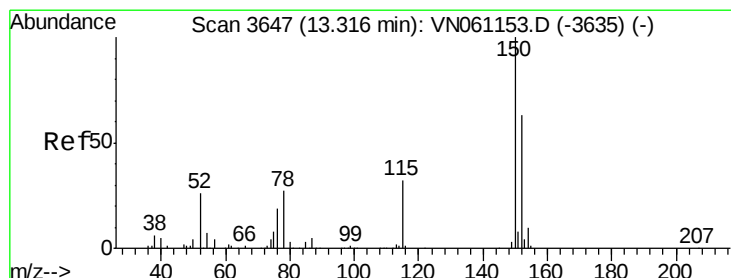
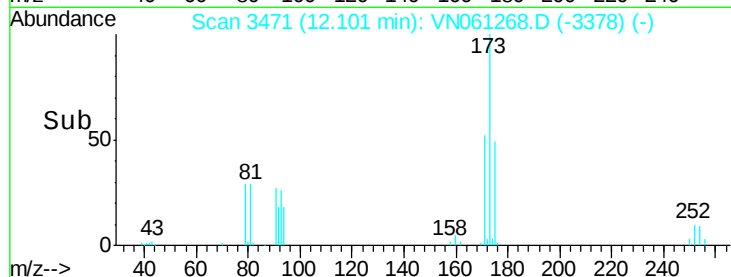
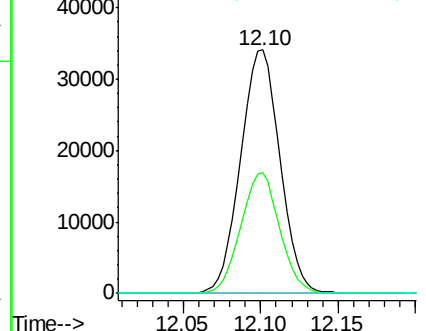
5/5/2020 11:36:08 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3849

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

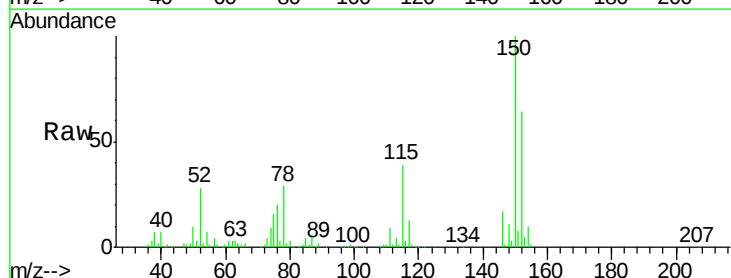
Tgt Ion:152 Resp: 96843

Ion Ratio Lower Upper

152 100

115 62.1 31.0 93.0

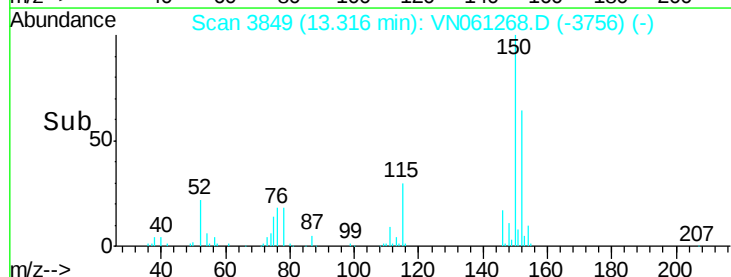
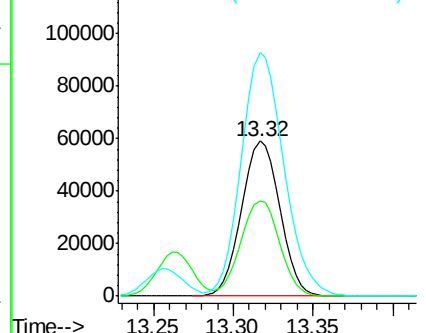
150 174.9 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





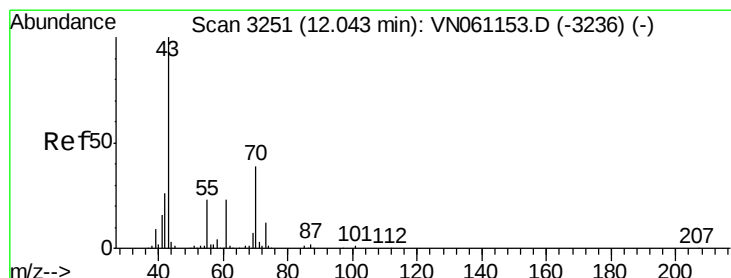
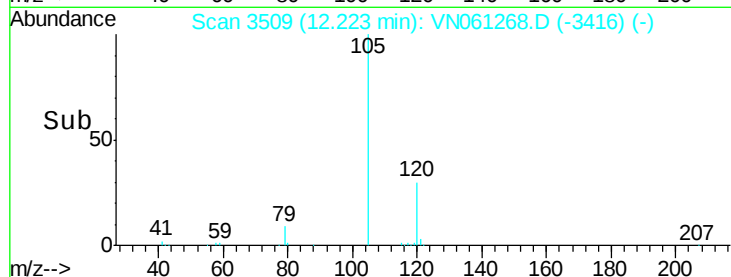
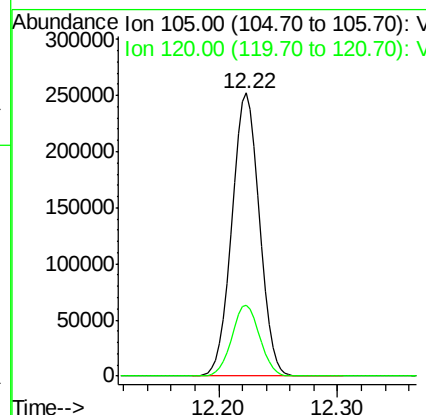
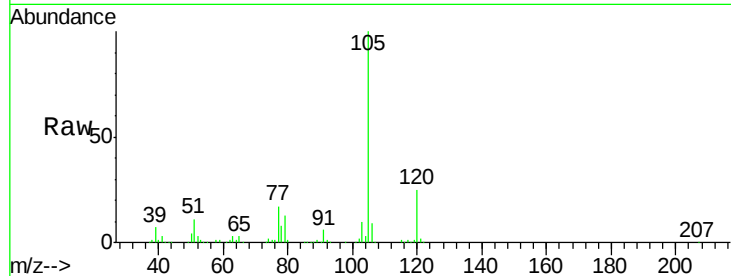
#73
Isopropylbenzene
Concen: 56.750 ug/l
RT: 12.22 min Scan# 3509
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.6	37.8

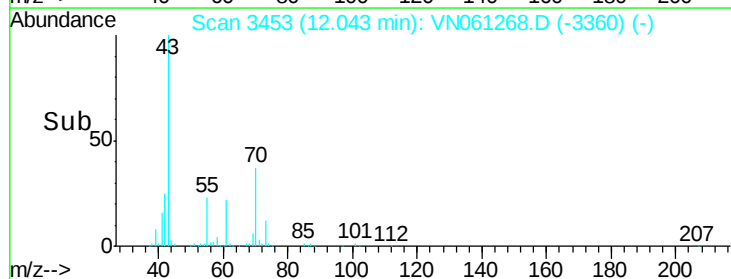
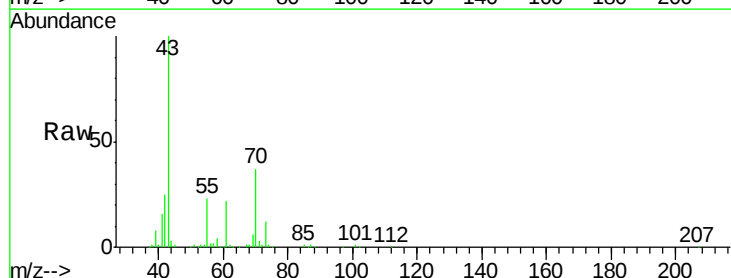
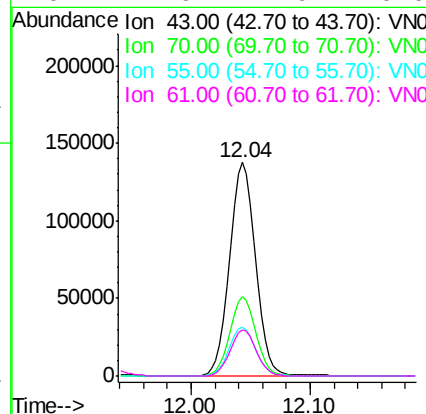
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#74
N-ethyl acetate
Concen: 57.794 ug/l
RT: 12.04 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.2	30.6	46.0
55	23.6	18.5	27.7
61	21.9	17.9	26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 55.534 ug/l

RT: 12.48 min Scan# 3588

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

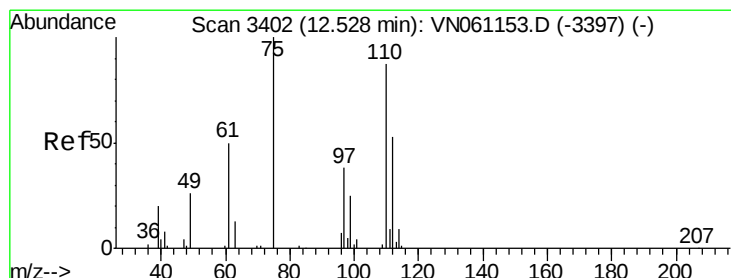
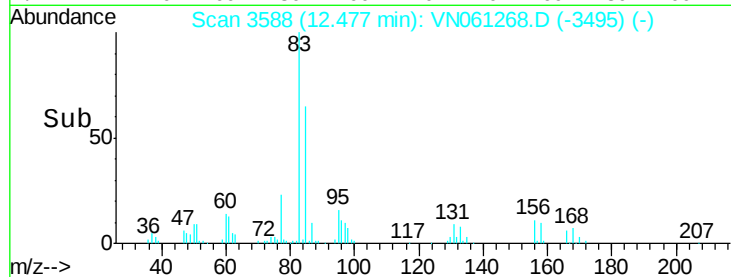
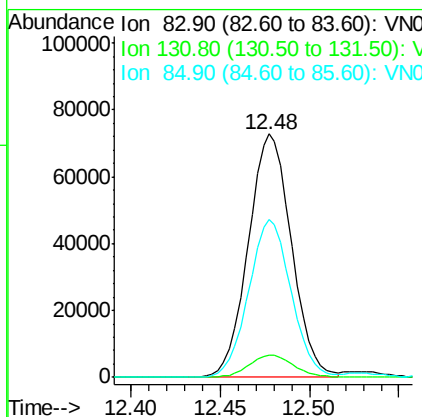
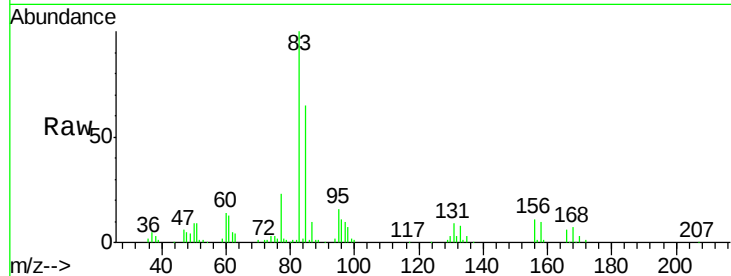
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	123282
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	63.9	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 53.671 ug/l m

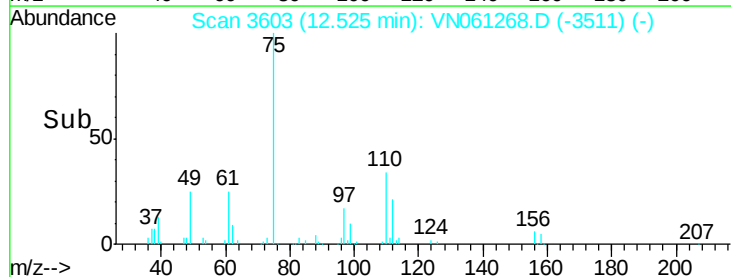
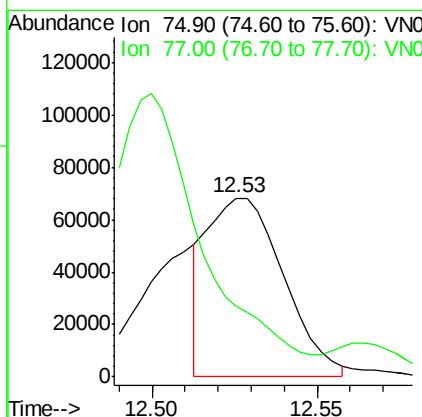
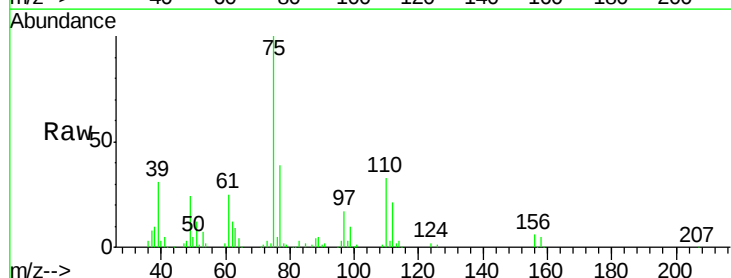
RT: 12.53 min Scan# 3603

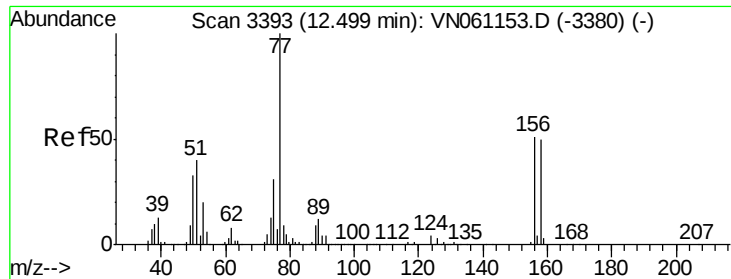
Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	75	Resp:	109580
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.491 ug/l

RT: 12.50 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

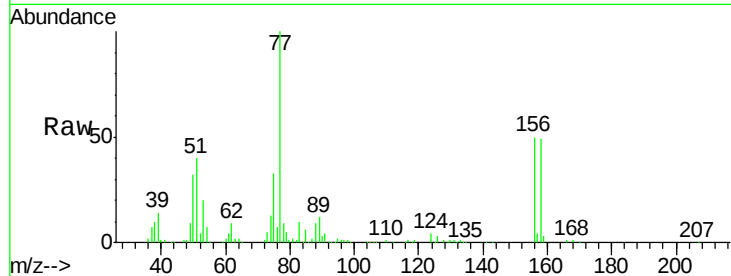
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	239.5	117.4	352.2
158	97.4	48.4	145.0

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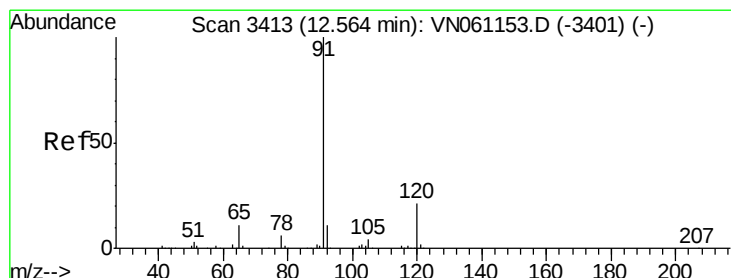
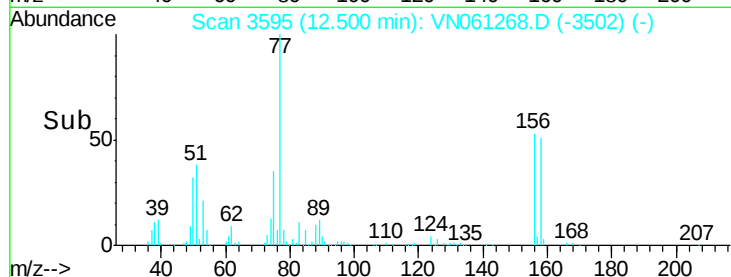
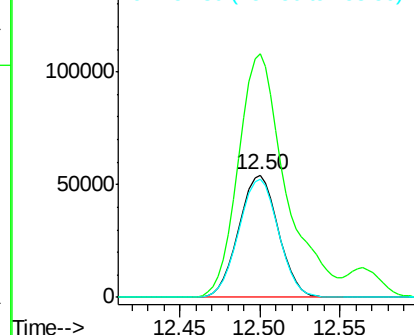


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 58.052 ug/l

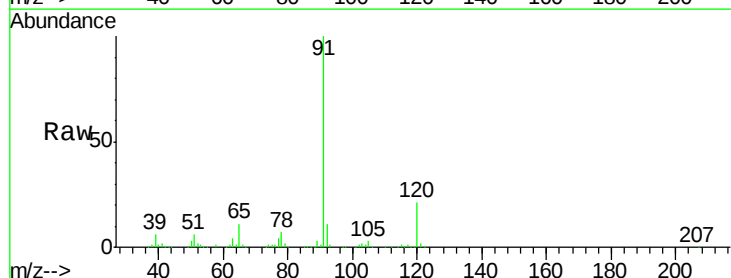
RT: 12.56 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

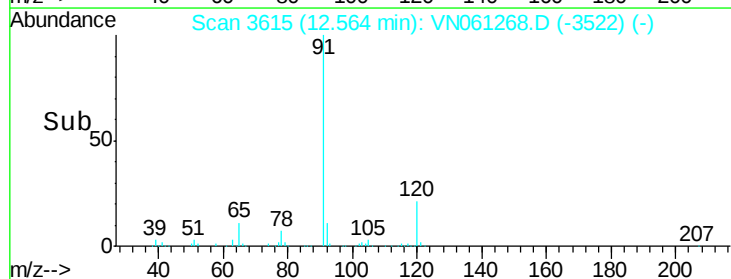
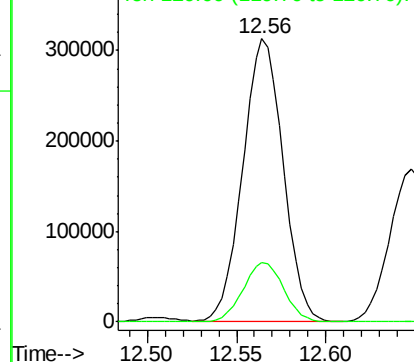
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.8	32.3

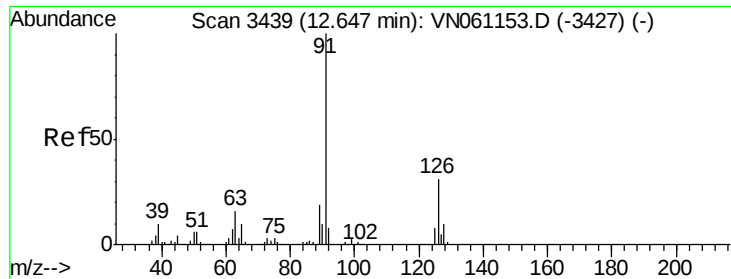


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.266 ug/l

RT: 12.65 min Scan# 3641

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 279273

Ion Ratio Lower Upper

91 100

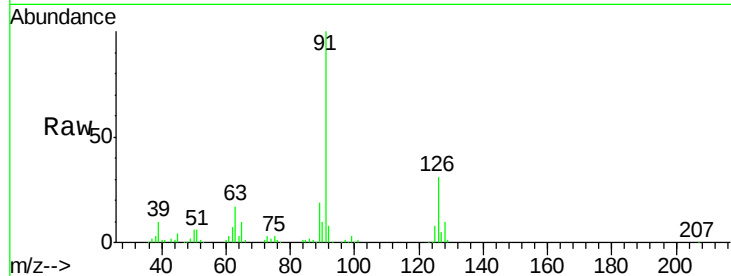
126 31.4 15.9 47.7

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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

250000

200000

150000

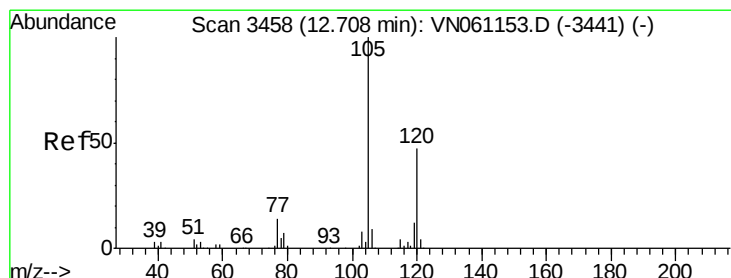
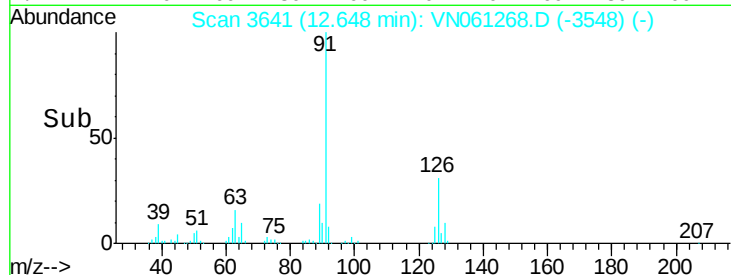
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 57.992 ug/l

RT: 12.71 min Scan# 3660

Delta R.T. 0.00 min

Lab File: VN061268.D

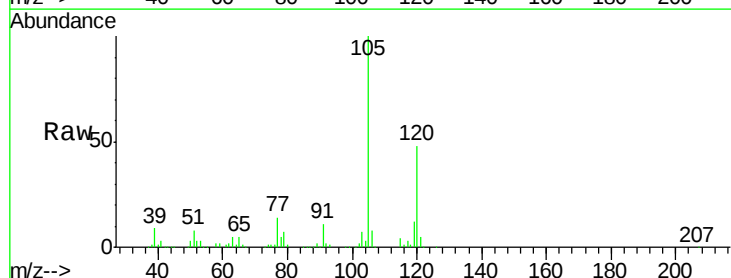
Acq: 4 May 2020 10:44

Tgt Ion: 105 Resp: 341716

Ion Ratio Lower Upper

105 100

120 47.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)

250000

200000

150000

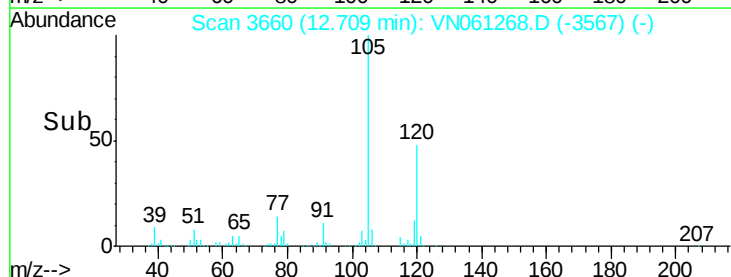
100000

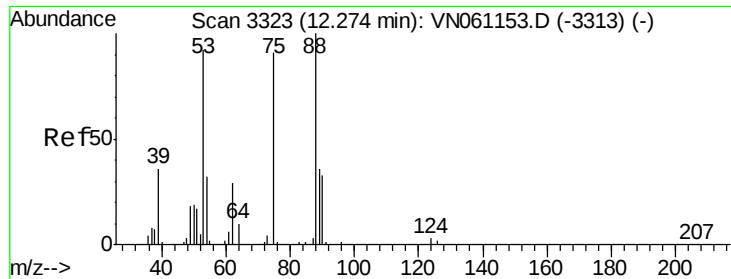
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 59.171 ug/l

RT: 12.27 min Scan# 3525

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

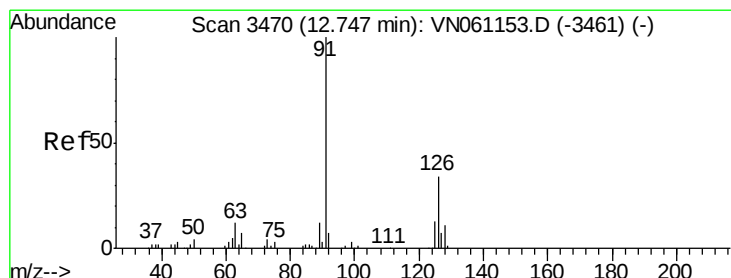
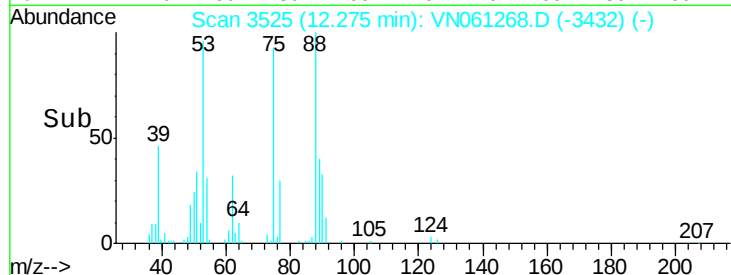
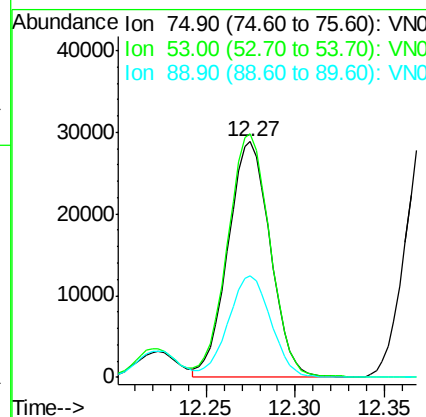
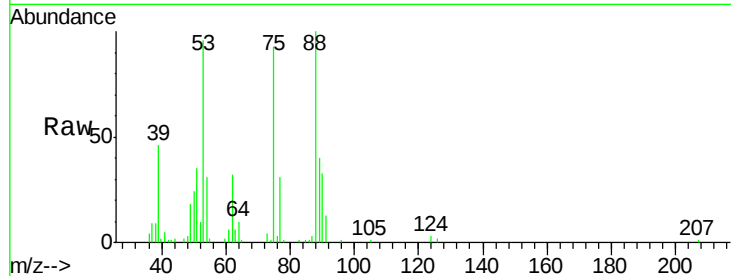
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	47573
Ion	Ratio	Lower	Upper
75	100		
53	103.5	84.1	126.1
89	43.2	35.2	52.8

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#82

4-Chlorotoluene

Concen: 57.264 ug/l

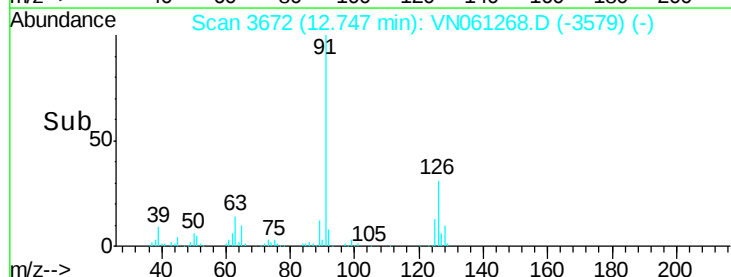
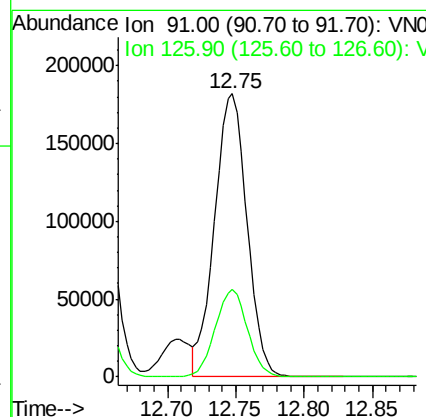
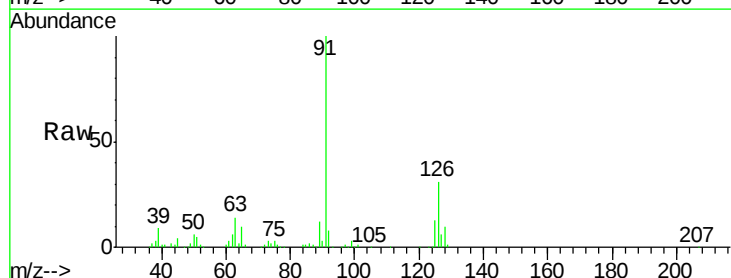
RT: 12.75 min Scan# 3672

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:	91	Resp:	299564
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.1





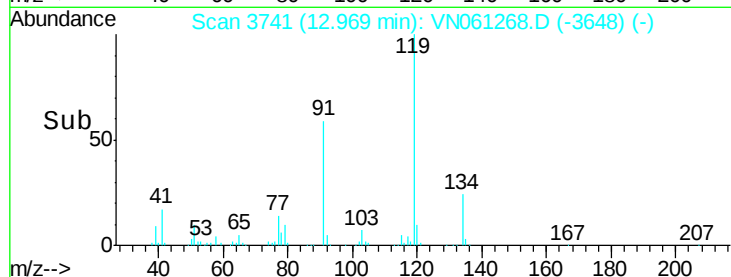
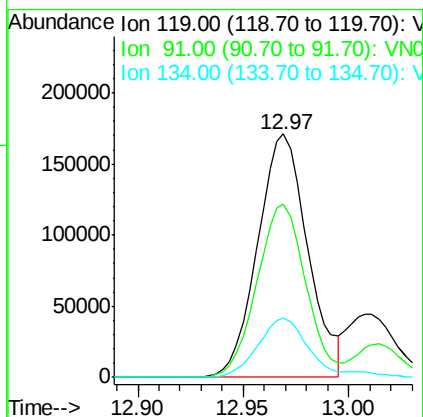
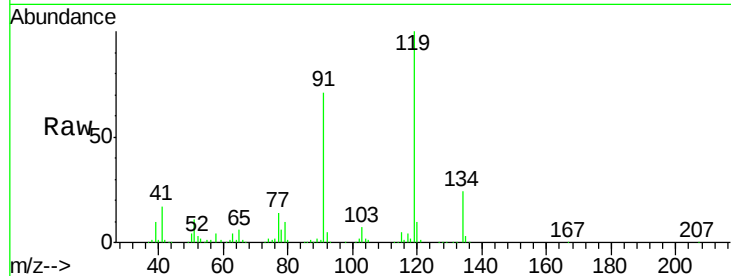
#83
 tert-Butylbenzene
 Concen: 56.976 ug/l
 RT: 12.97 min Scan# 3741
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	283090		
91	69.1	34.8	104.4	
134	25.6	12.9	38.7	

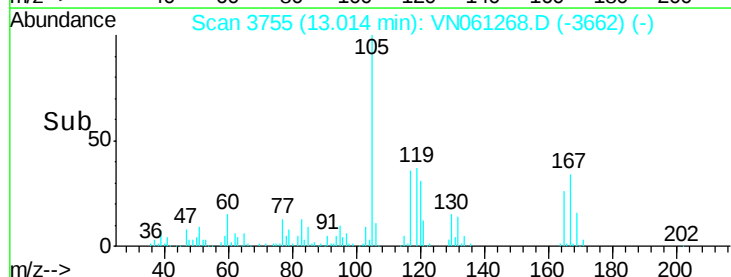
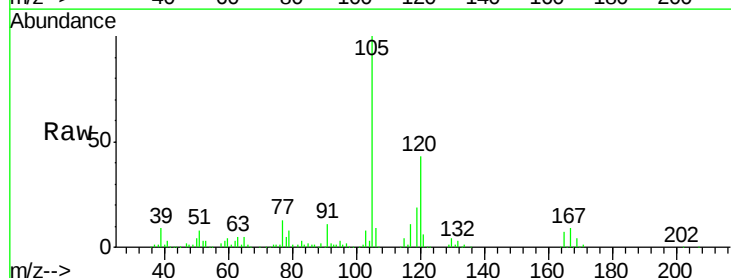
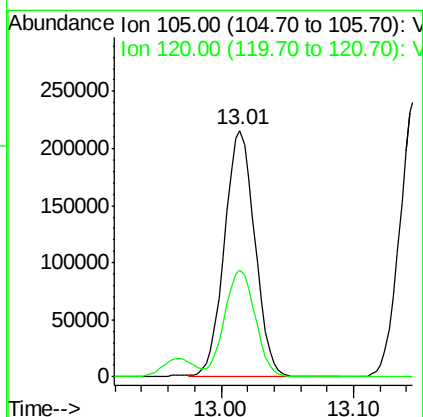
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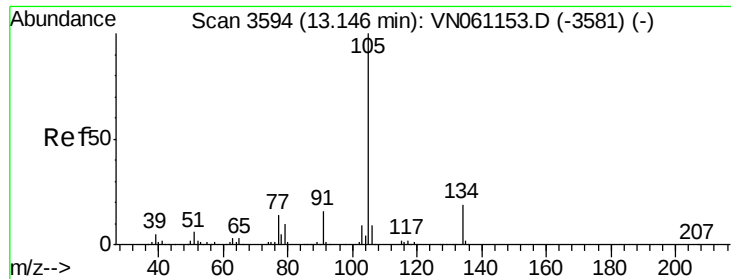
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.506 ug/l
 RT: 13.01 min Scan# 3755
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	343038		
120	44.0	22.2	66.6	





#85

sec-Butylbenzene

Concen: 58.165 ug/l

RT: 13.15 min Scan# 3796

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 394008

Ion Ratio Lower Upper

105 100

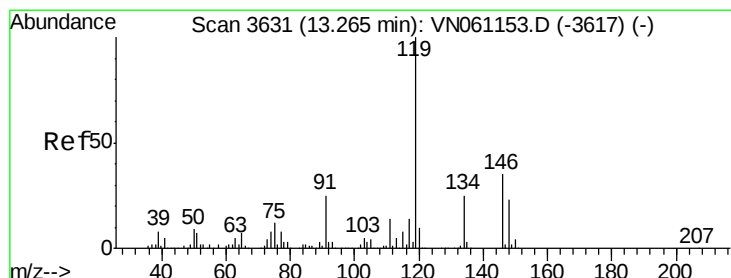
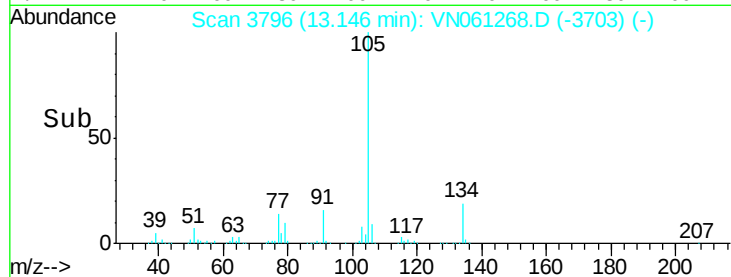
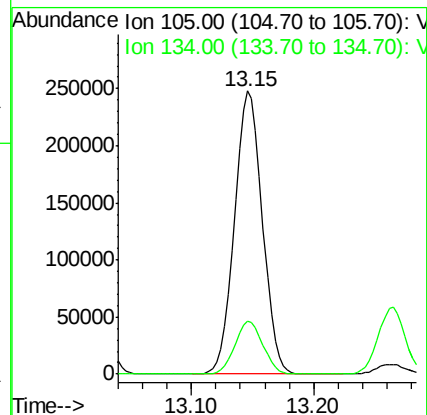
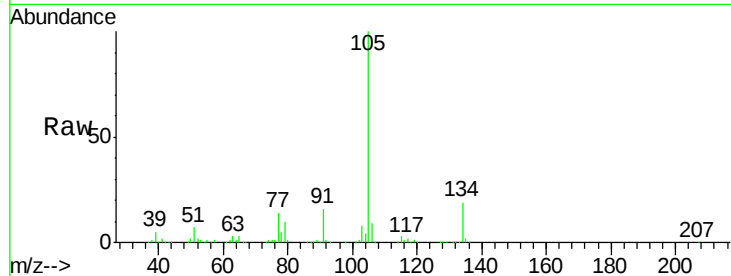
134 18.8 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 58.330 ug/l

RT: 13.26 min Scan# 3833

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

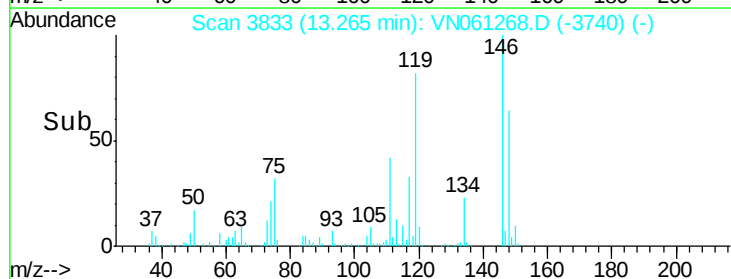
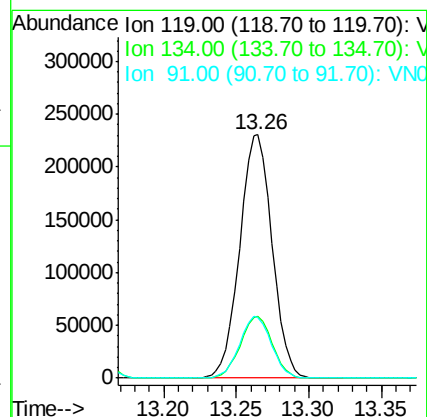
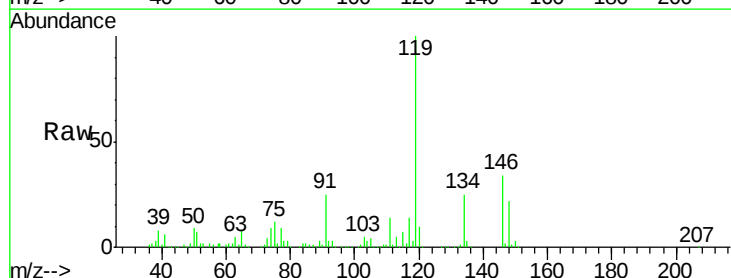
Tgt Ion:119 Resp: 356006

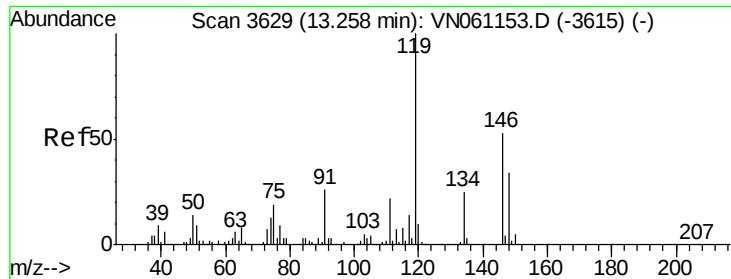
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 25.1 12.7 38.0





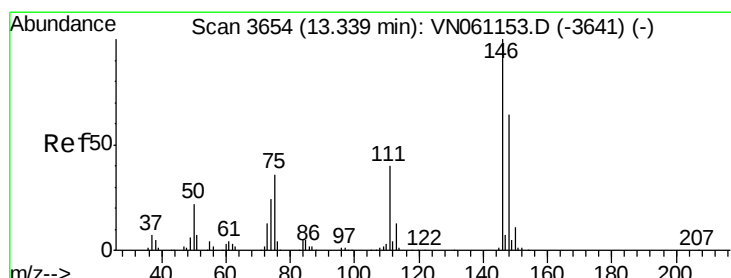
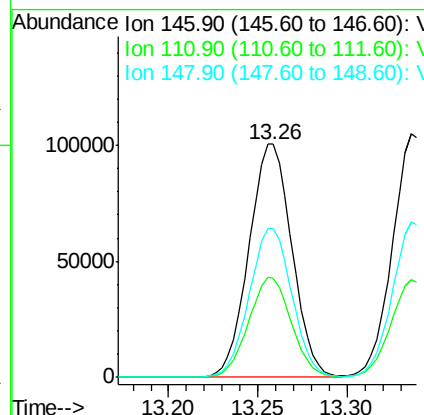
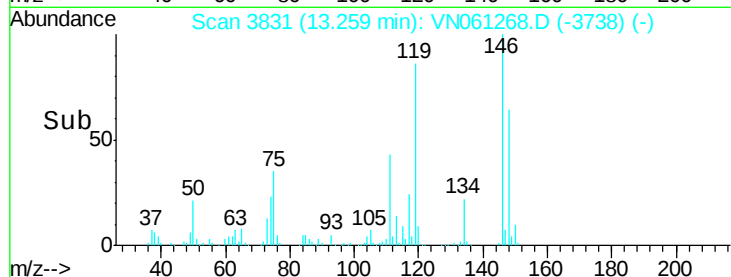
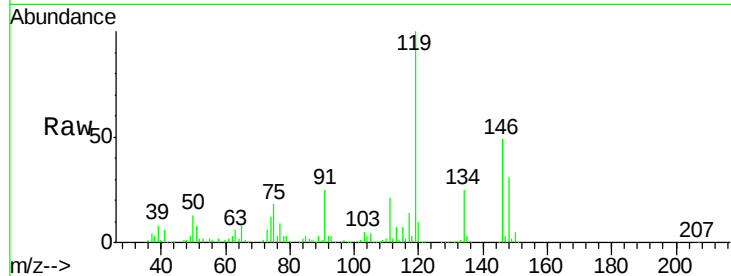
#87
 1,3-Dichlorobenzene
 Concen: 55.905 ug/l
 RT: 13.26 min Scan# 3831
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.7	62.1
148	63.4	31.8	95.3

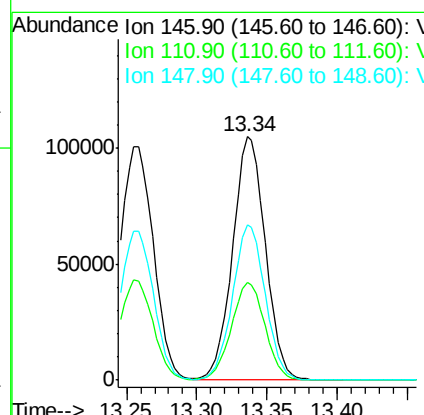
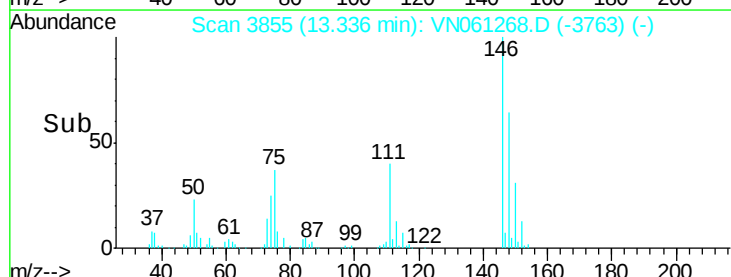
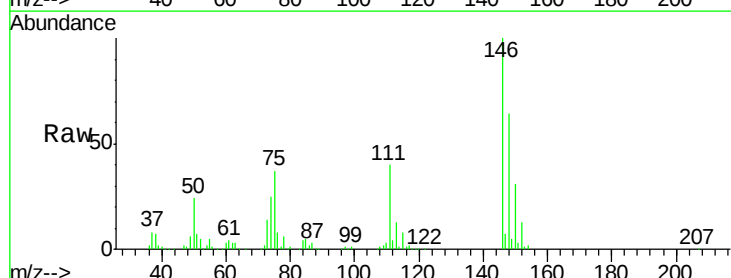
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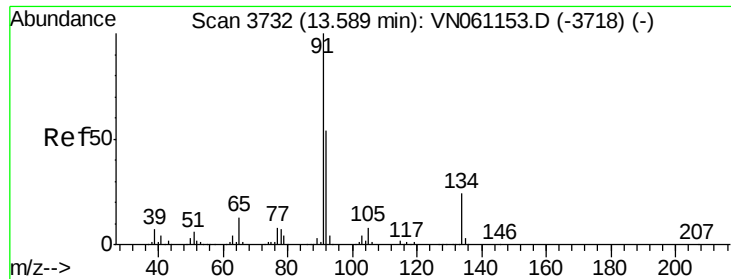
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#88
 1,4-Dichlorobenzene
 Concen: 55.075 ug/l
 RT: 13.34 min Scan# 3855
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	63.8	31.9	95.7





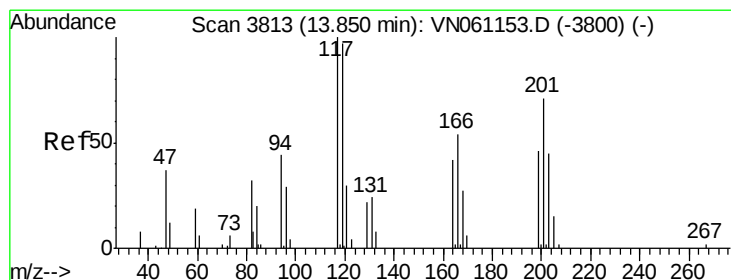
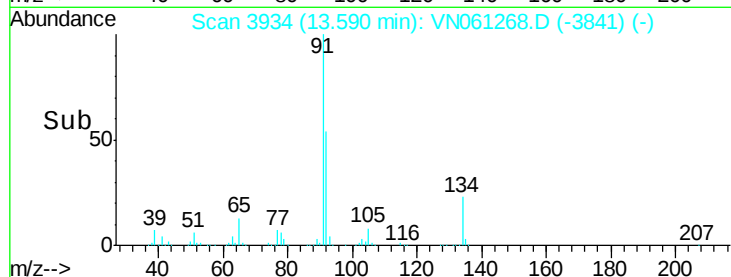
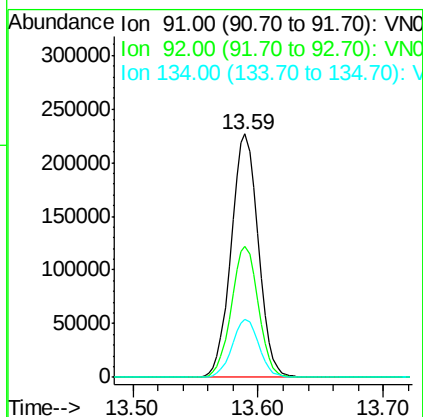
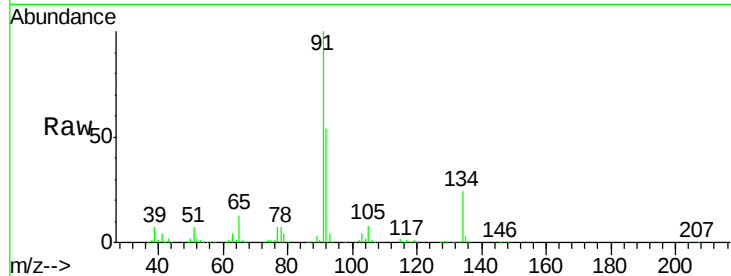
#89
n-Butylbenzene
Concen: 60.803 ug/l
RT: 13.59 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.8	80.3
134	23.5	11.9	35.5

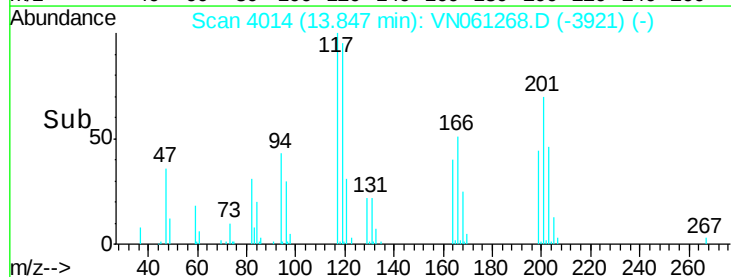
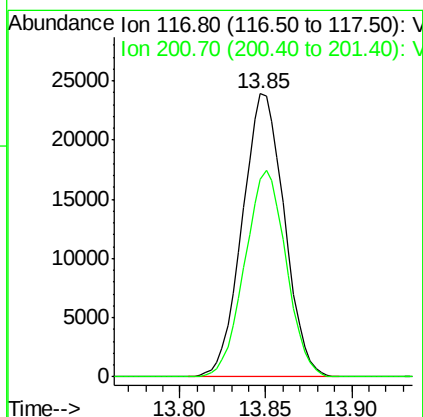
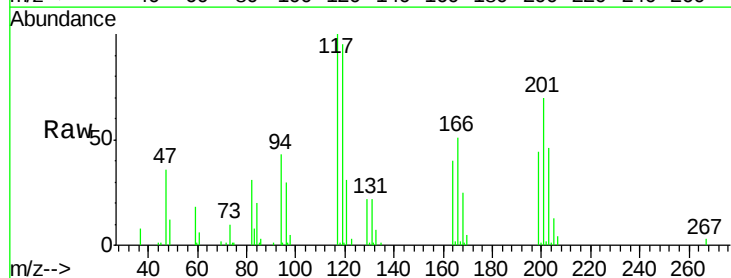
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#90
Hexachloroethane
Concen: 61.723 ug/l
RT: 13.85 min Scan# 4014
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.7	35.5	106.7





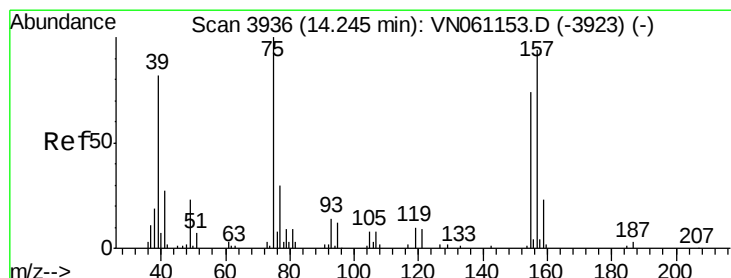
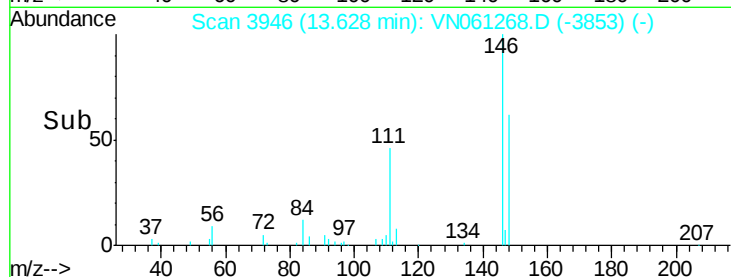
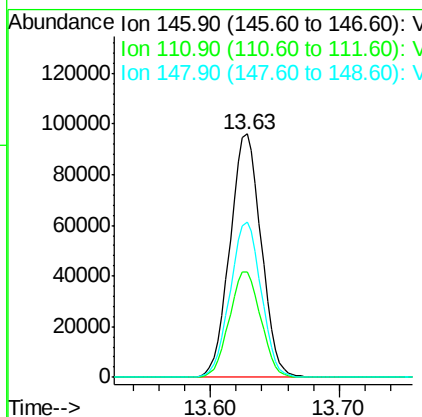
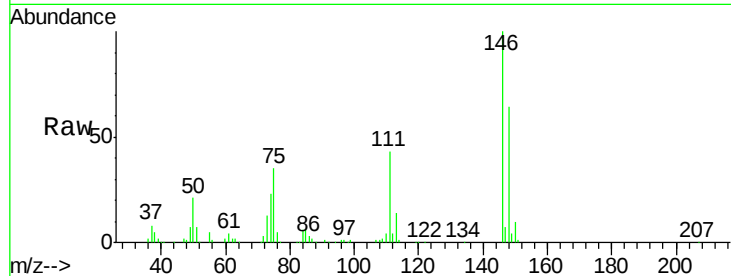
#91
 1,2-Dichlorobenzene
 Concen: 55.667 ug/l
 RT: 13.63 min Scan# 3946
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.8	65.3
148	63.6	31.6	95.0

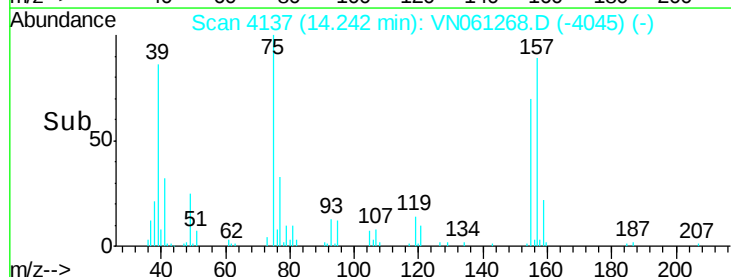
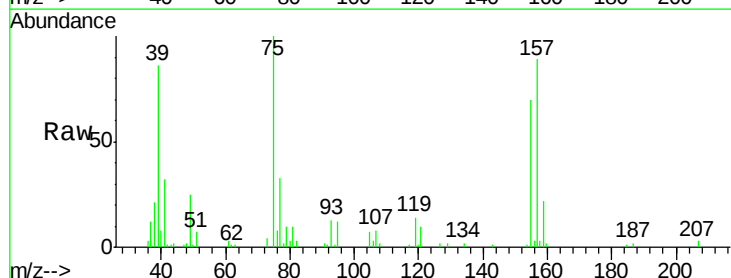
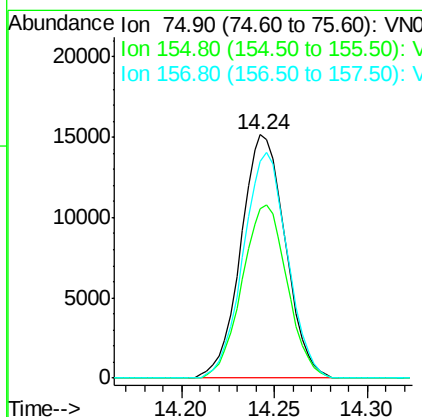
Manual Integrations
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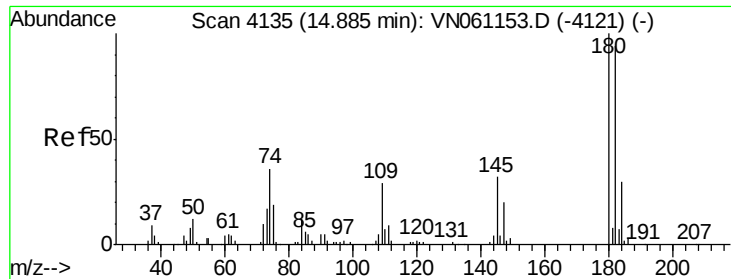
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.738 ug/l
 RT: 14.24 min Scan# 4137
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.1	36.5	109.7
157	91.6	46.6	139.7





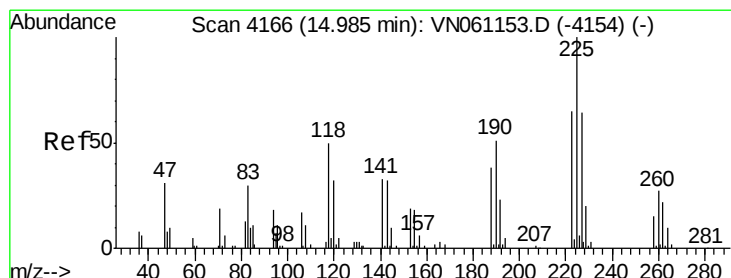
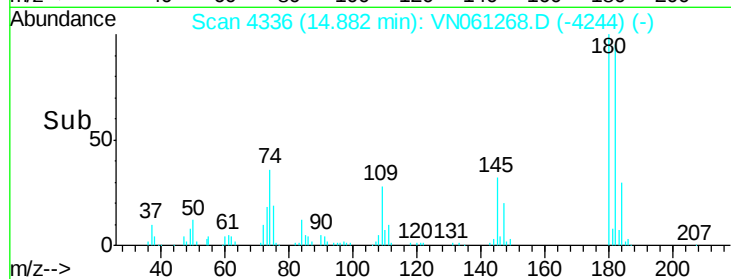
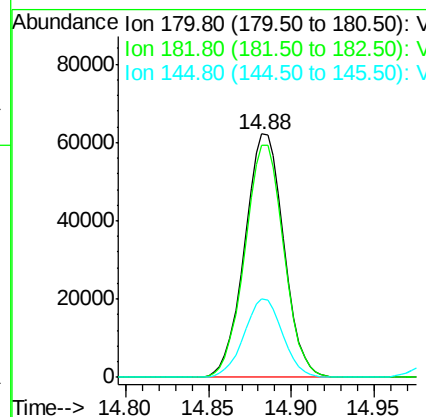
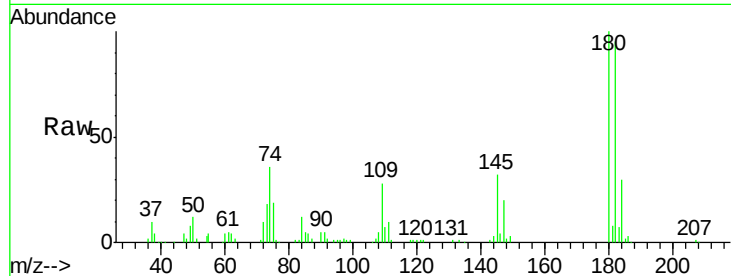
#93
 1,2,4-Trichlorobenzene
 Concen: 57.803 ug/l
 RT: 14.88 min Scan# 4336
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102112		
182	95.0	47.3	141.9	
145	31.8	16.0	47.9	

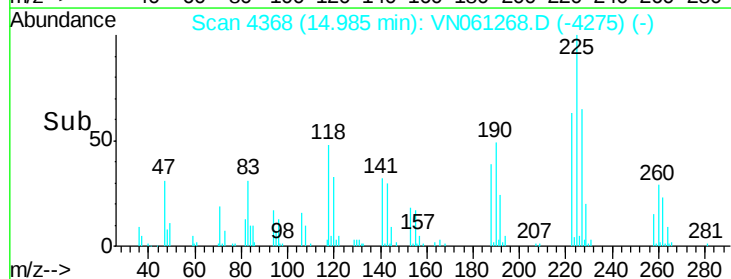
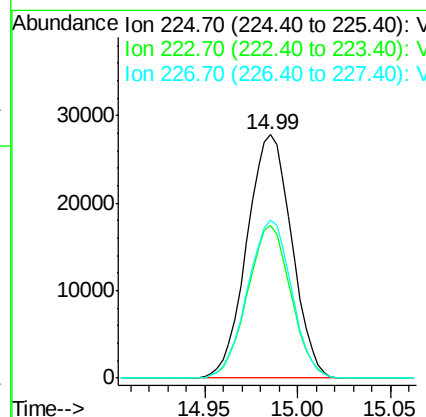
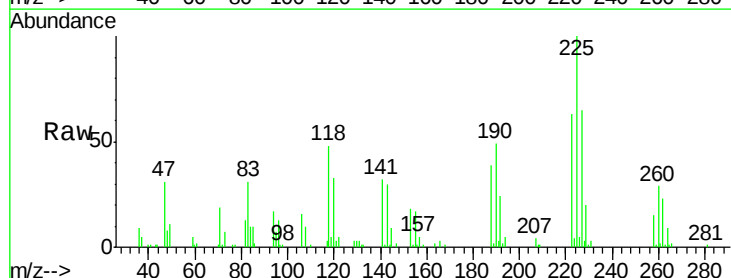
Manual Integrations
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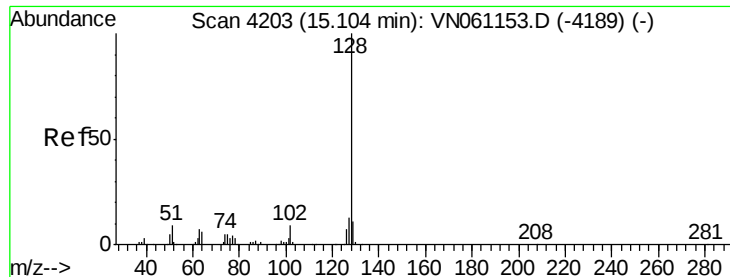
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#94
 Hexachlorobutadiene
 Concen: 63.158 ug/l
 RT: 14.99 min Scan# 4368
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46611		
223	60.9	32.4	97.0	
227	63.7	32.4	97.0	





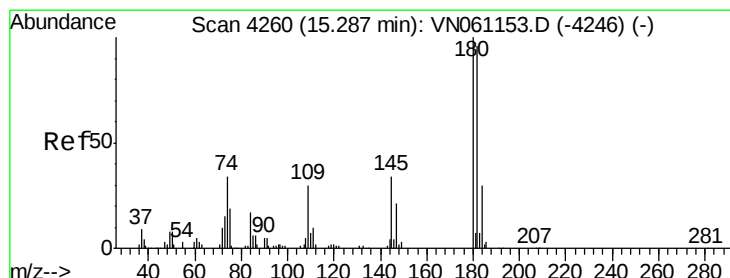
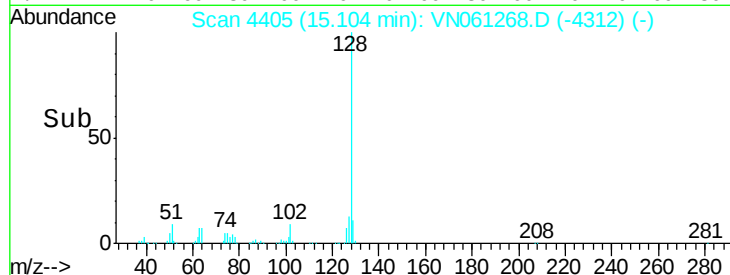
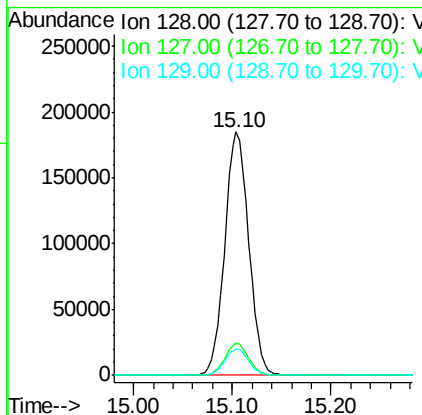
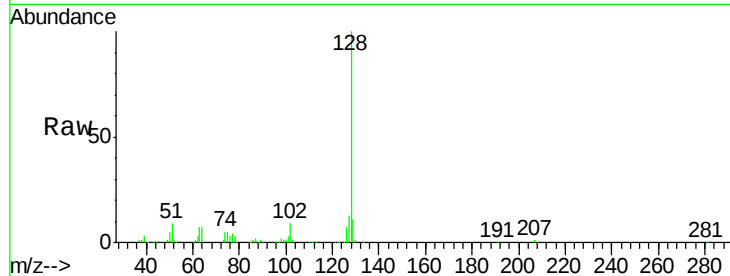
#95
Naphthalene
Concen: 54.503 ug/l
RT: 15.10 min Scan# 4405
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	313562		
127	13.0		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:36:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.877 ug/l
RT: 15.28 min Scan# 4461
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99200		
182	94.0		47.5	142.5
145	33.1		16.9	50.7

