

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064797.D
 Acq On : 24 Nov 2020 1:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 24 03:24:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	279010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108598	48.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.28%
35) Dibromofluoromethane	7.55	113	93451	51.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.90%
50) Toluene-d8	10.06	98	362893	48.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.78%
62) 4-Bromofluorobenzene	12.37	95	130000	48.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.88%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	77215	46.389	ug/l 98
3) Chloromethane	2.04	50	99135	45.831	ug/l 98
4) Vinyl Chloride	2.17	62	105938	46.977	ug/l 99
5) Bromomethane	2.53	94	70043	47.341	ug/l 100
6) Chloroethane	2.68	64	67138	48.134	ug/l 98
7) Trichlorofluoromethane	2.99	101	147459	47.303	ug/l 99
8) Diethyl Ether	3.37	74	59493	48.350	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	87771	46.936	ug/l 99
10) Methyl Iodide	3.91	142	119805	49.392	ug/l 99
11) Tert butyl alcohol	4.74	59	71041	204.018	ug/l 100
12) 1,1-Dichloroethene	3.69	96	89531	48.073	ug/l 99
13) Acrolein	3.57	56	52038	244.664	ug/l 99
14) Allyl chloride	4.27	41	142866	46.510	ug/l 99
15) Acrylonitrile	4.93	53	222963	231.786	ug/l 99
16) Acetone	3.78	43	176435	240.381	ug/l 100
17) Carbon Disulfide	4.01	76	227993	47.414	ug/l 99
18) Methyl Acetate	4.28	43	101179	45.849	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	293665	49.165	ug/l 100
20) Methylene Chloride	4.50	84	105174	45.728	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	96634	46.724	ug/l 99
22) Diisopropyl ether	5.90	45	311255	50.625	ug/l 99
23) Vinyl Acetate	5.85	43	1231121	250.401	ug/l 99
24) 1,1-Dichloroethane	5.80	63	181521	49.402	ug/l 99
25) 2-Butanone	6.79	43	280925	236.107	ug/l 96
26) 2,2-Dichloropropane	6.78	77	130235	40.867	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	112713	48.432	ug/l 99
28) Bromochloromethane	7.15	49	81127	48.263	ug/l 99
29) Tetrahydrofuran	7.16	42	188951	230.057	ug/l 100
30) Chloroform	7.33	83	187204	49.405	ug/l 97
31) Cyclohexane	7.61	56	143776	46.201	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	158801	48.795	ug/l 99
36) 1,1-Dichloropropene	7.75	75	135052	47.996	ug/l 99
37) Ethyl Acetate	6.88	43	120123	44.319	ug/l 98
38) Carbon Tetrachloride	7.73	117	143587	49.043	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	143978	47.532	ug/l	98
40) Benzene	8.00	78	417365	48.404	ug/l	99
41) Methacrylonitrile	7.13	41	56700	45.336	ug/l	92
42) 1,2-Dichloroethane	8.08	62	137775	47.366	ug/l	100
43) Isopropyl Acetate	8.13	43	197701	45.329	ug/l	100
44) Trichloroethene	8.80	130	119435	46.946	ug/l	100
45) 1,2-Dichloropropane	9.08	63	109979	49.253	ug/l	98
46) Dibromomethane	9.17	93	72144	48.362	ug/l	99
47) Bromodichloromethane	9.37	83	145831	48.585	ug/l	98
48) Methyl methacrylate	9.16	41	99185	47.592	ug/l	99
49) 1,4-Dioxane	9.16	88	33281	844.931	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	612544	233.940	ug/l	99
52) Toluene	10.12	92	264509	49.813	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	156099	46.692	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	171245	47.788	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	104941	48.060	ug/l	94
56) Ethyl methacrylate	10.40	69	147764	49.039	ug/l	99
57) 1,3-Dichloropropane	10.68	76	172205	47.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	414249	249.927	ug/l	100
59) 2-Hexanone	10.72	43	434842	230.758	ug/l	100
60) Dibromochloromethane	10.87	129	120194	49.520	ug/l	98
61) 1,2-Dibromoethane	10.97	107	107533	48.473	ug/l	99
64) Tetrachloroethene	10.60	164	125399	46.196	ug/l	99
65) Chlorobenzene	11.40	112	286345	47.791	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	109389	49.678	ug/l	99
67) Ethyl Benzene	11.48	91	489075	48.861	ug/l	99
68) m/p-Xylenes	11.59	106	381717	100.726	ug/l	99
69) o-Xylene	11.92	106	183712	51.085	ug/l	99
70) Styrene	11.94	104	314441	51.794	ug/l	99
71) Bromoform	12.10	173	82957	47.169	ug/l #	100
73) Isopropylbenzene	12.22	105	483385	50.182	ug/l	100
74) N-amyl acetate	12.04	43	178581	47.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	129498	45.866	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	186368	62.489	ug/l #	100
77) Bromobenzene	12.50	156	123100	47.402	ug/l	98
78) n-propylbenzene	12.56	91	544144	49.587	ug/l	99
79) 2-Chlorotoluene	12.65	91	323163	47.642	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	410700	51.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	47498	43.649	ug/l	97
82) 4-Chlorotoluene	12.75	91	340594	47.903	ug/l	99
83) tert-Butylbenzene	12.97	119	344189	51.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	419616	51.835	ug/l	99
85) sec-Butylbenzene	13.14	105	451109	50.626	ug/l	100
86) p-Isopropyltoluene	13.26	119	421239	51.925	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	217588	47.159	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	218917	44.865	ug/l	100
89) n-Butylbenzene	13.59	91	343425	48.205	ug/l	99
90) Hexachloroethane	13.85	117	70118	49.754	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	213521	47.131	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27445	43.201	ug/l	99

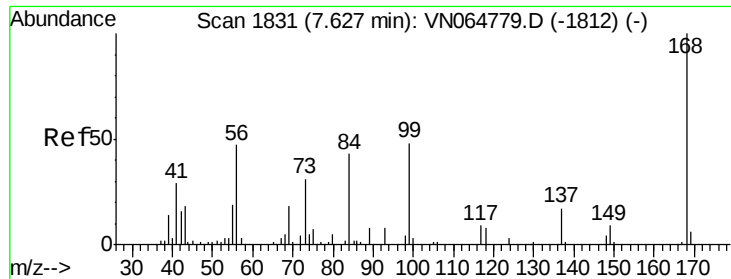
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	123036	43.902	ug/l	99
94) Hexachlorobutadiene	14.98	225	58479	46.365	ug/l	99
95) Naphthalene	15.10	128	372481	44.364	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122541	46.123	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

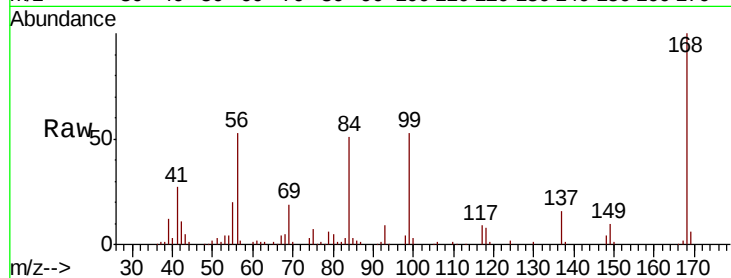
VSTDCCC050EC

Tot Ion:168 Resp: 192057

Ion Ratio Lower Upper

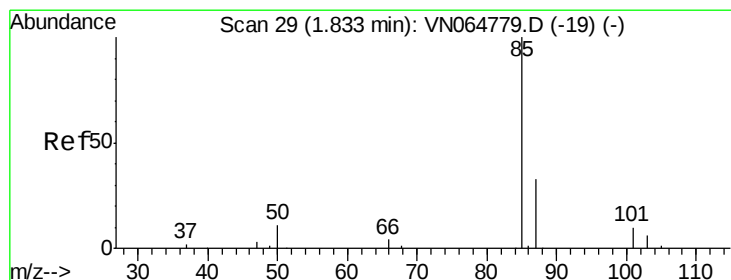
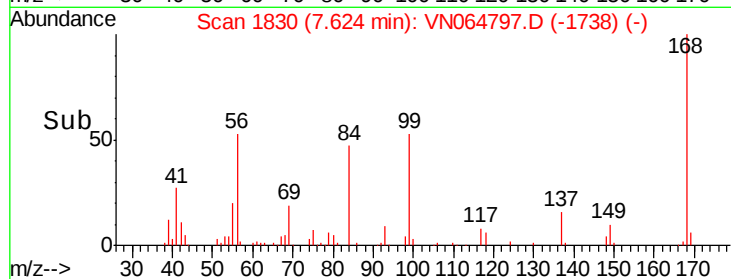
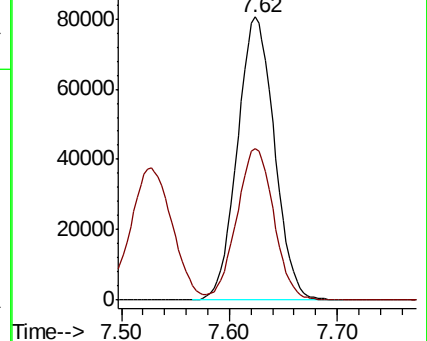
168 100

99 53.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 46.389 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064797.D

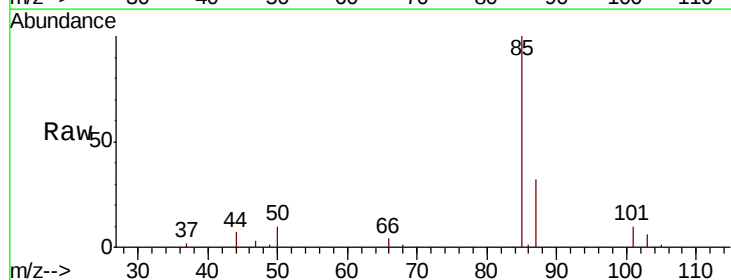
Acq: 24 Nov 2020 1:57

Tgt Ion: 85 Resp: 77215

Ion Ratio Lower Upper

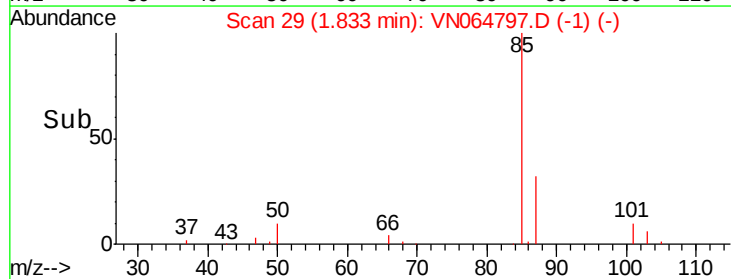
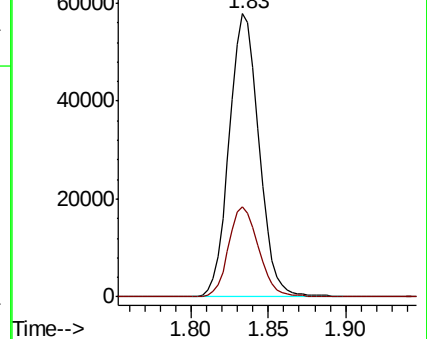
85 100

87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

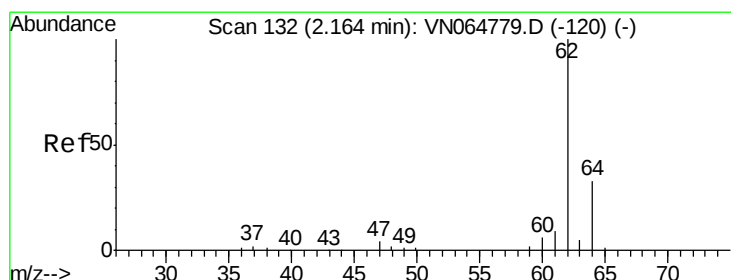
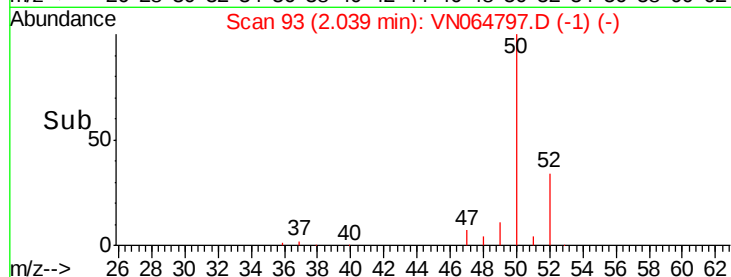
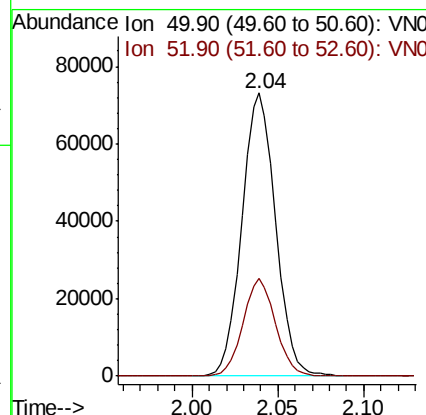
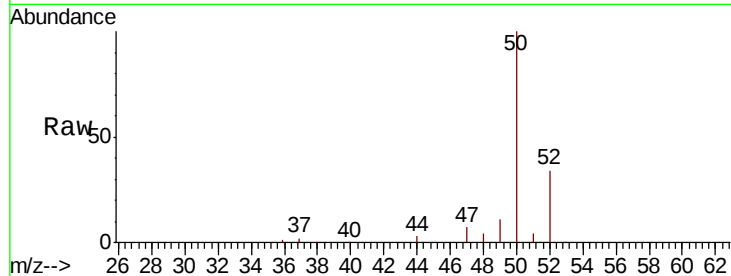




#3
Chloromethane
Concen: 45.831 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

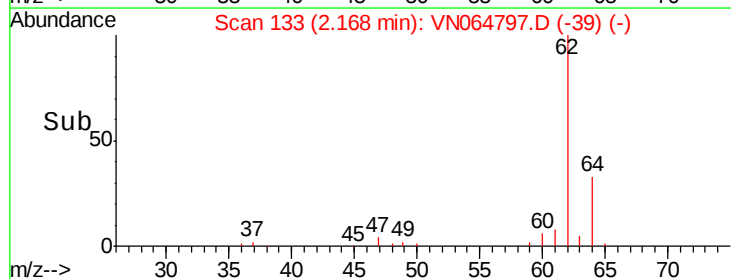
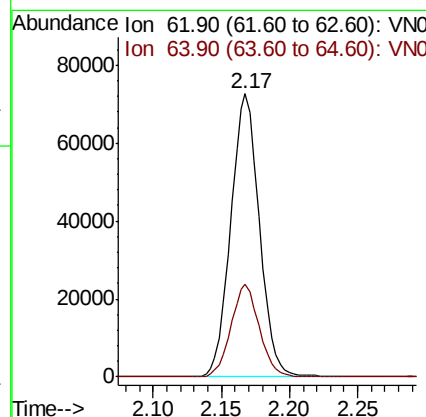
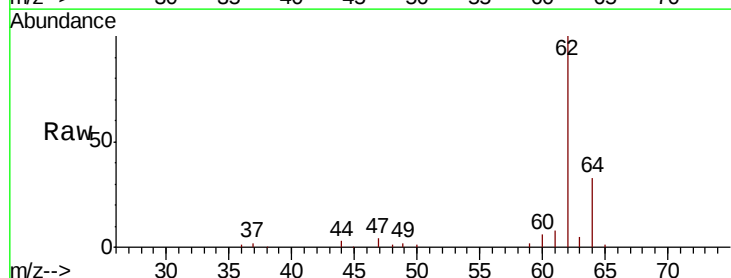
Instrument :
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VSTDCCC050EC

Tot Ion: 50 Resp: 99135
Ion Ratio Lower Upper
50 100
52 34.3 26.6 39.8



#4
Vinyl Chloride
Concen: 46.977 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 62 Resp: 105938
Ion Ratio Lower Upper
62 100
64 32.6 26.5 39.7

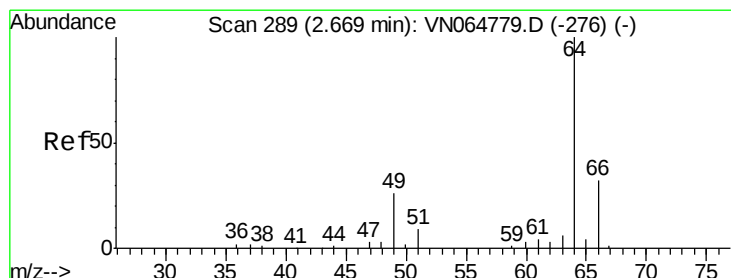
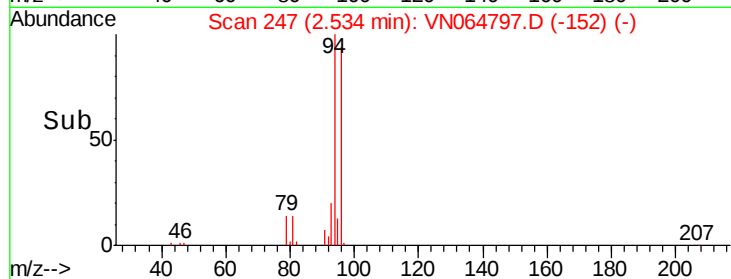
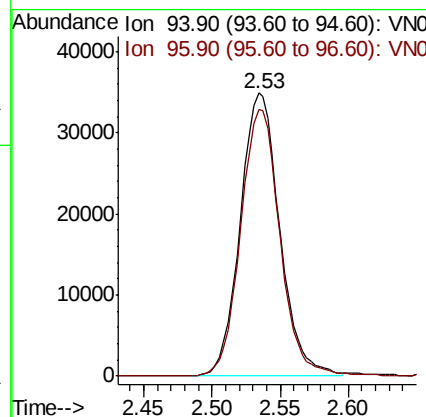
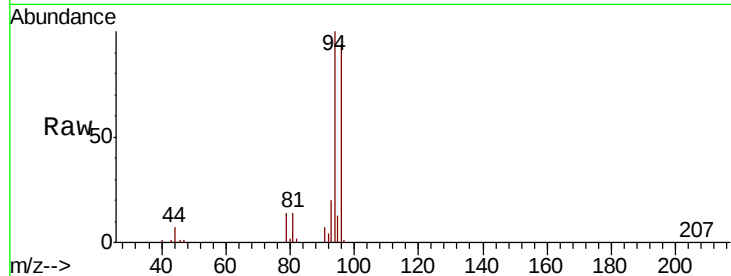




#5
Bromomethane
Concen: 47.341 ug/l
RT: 2.53 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

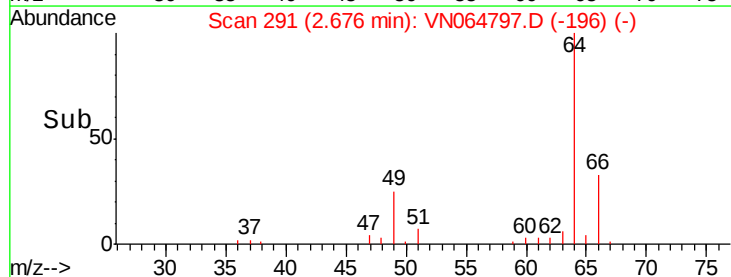
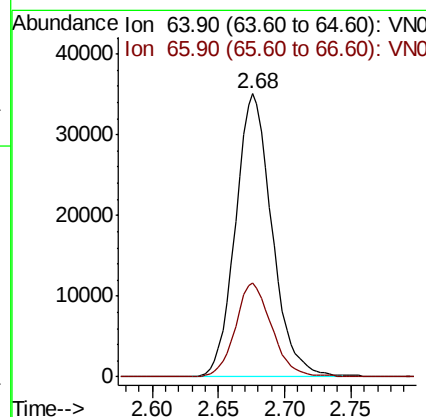
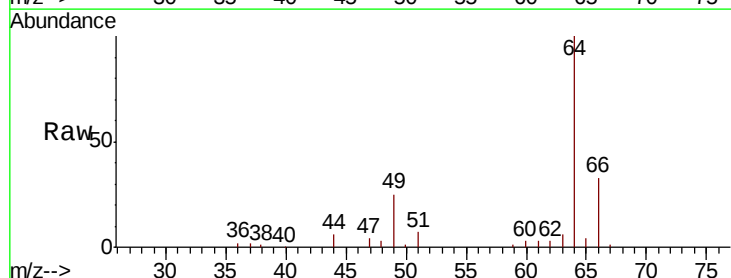
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ClientSampleId :
VSTDCCC050EC

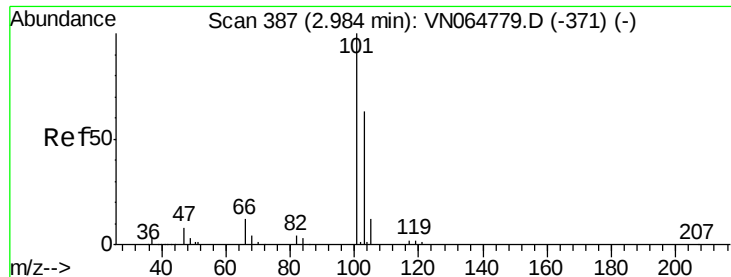
Tot Ion: 94 Resp: 70043
Ion Ratio Lower Upper
94 100
96 94.2 75.4 113.0



#6
Chloroethane
Concen: 48.134 ug/l
RT: 2.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 64 Resp: 67138
Ion Ratio Lower Upper
64 100
66 33.2 25.6 38.4



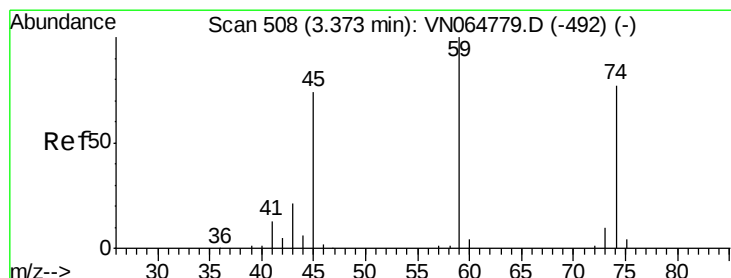
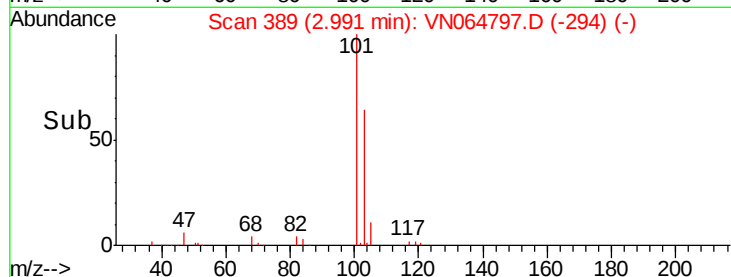
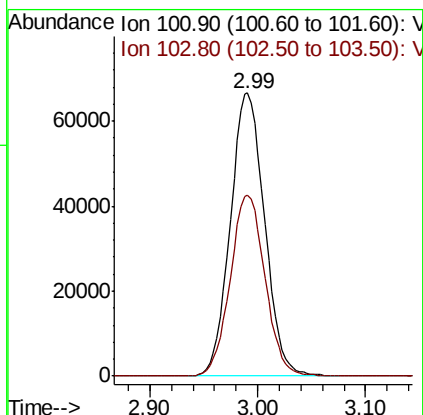
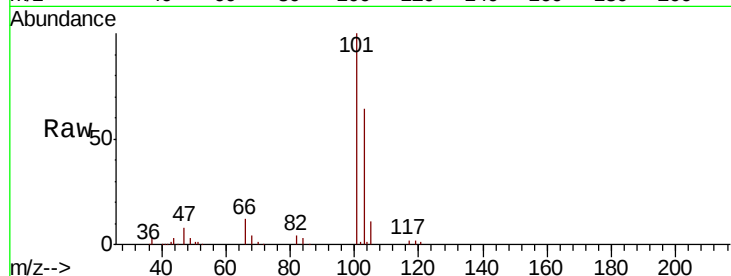


#7

Trichlorofluoromethane
Concen: 47.303 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.01 min
Lab File: VN064797.D
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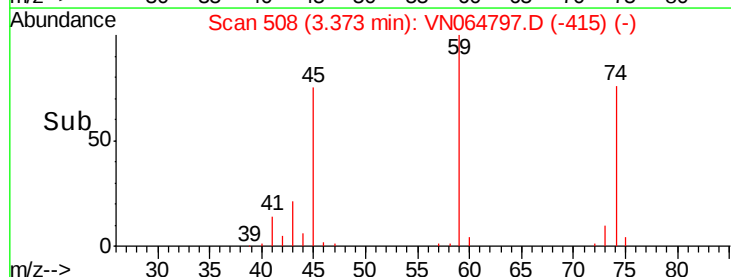
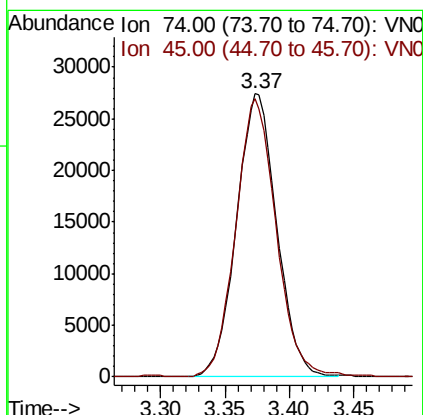
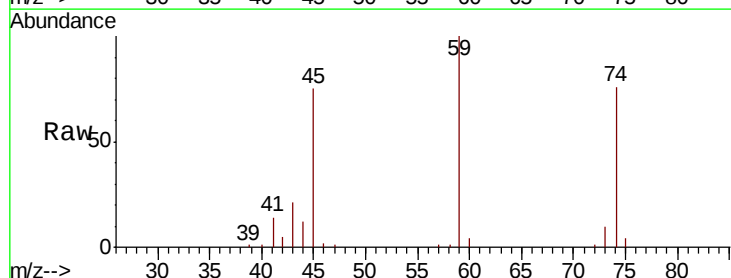
Tot Ion:101 Resp: 147459
Ion Ratio Lower Upper
101 100
103 64.1 50.5 75.7

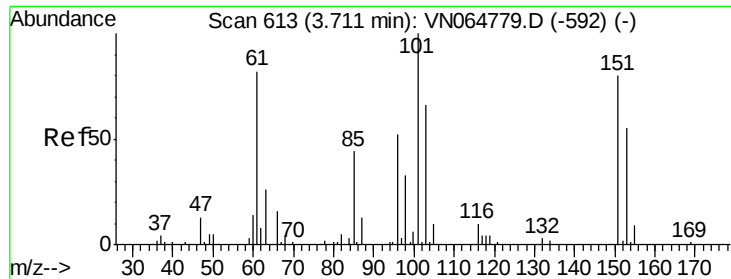


#8

Diethyl Ether
Concen: 48.350 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 74 Resp: 59493
Ion Ratio Lower Upper
74 100
45 99.0 48.9 146.8

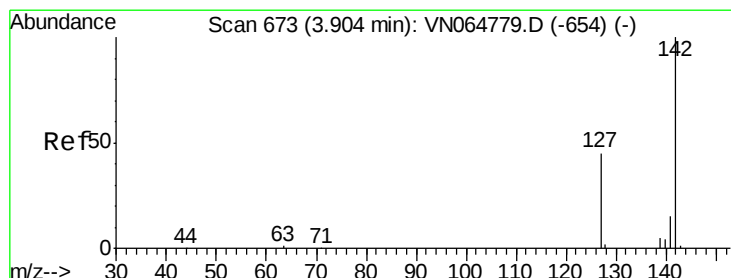
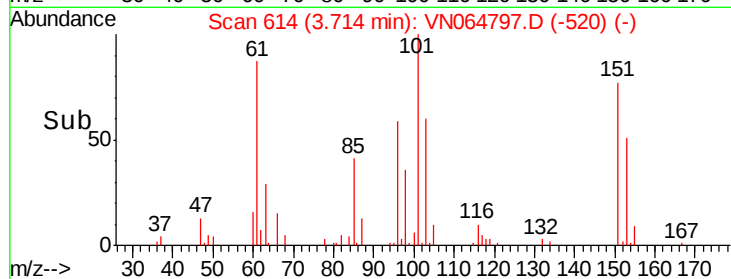
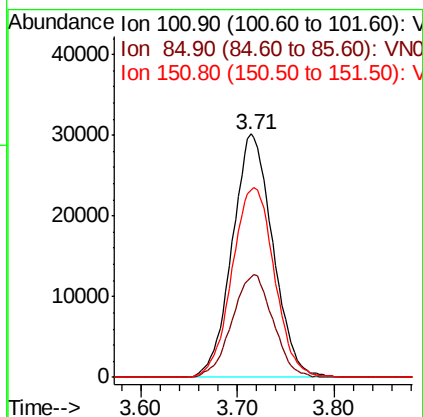
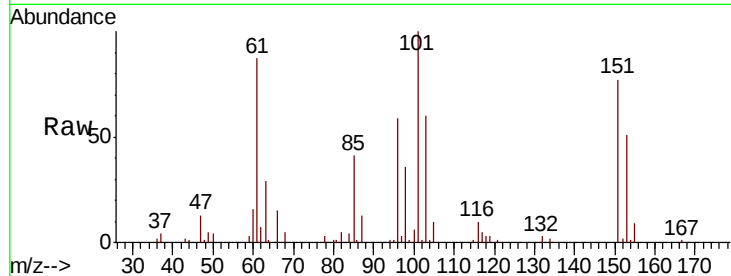




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.936 ug/l
 RT: 3.71 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

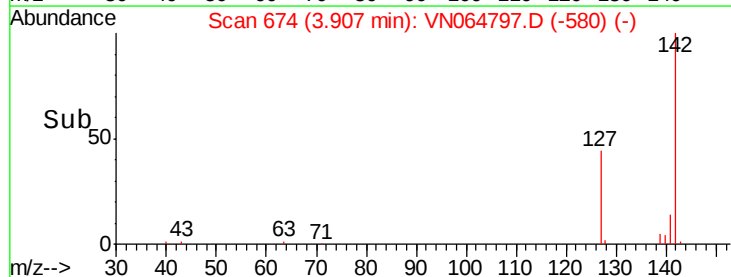
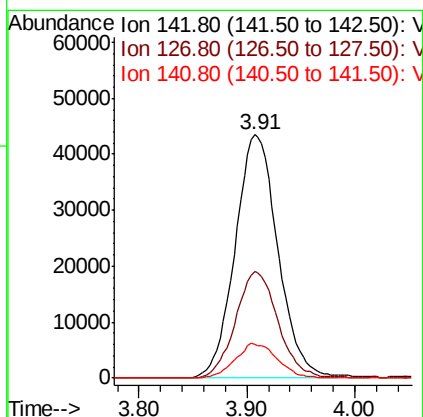
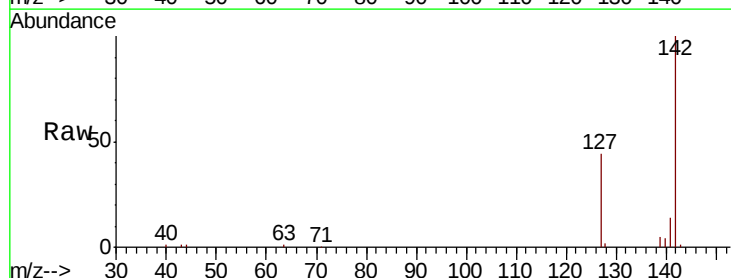
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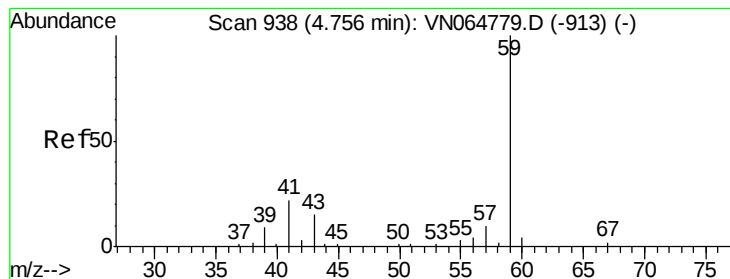
Tot Ion:101 Resp: 87771
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.4 51.6
 151 81.2 64.0 96.0



#10
 Methyl Iodide
 Concen: 49.392 ug/l
 RT: 3.91 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion:142 Resp: 119805
 Ion Ratio Lower Upper
 142 100
 127 43.8 35.0 52.6
 141 13.9 11.8 17.6





#11

Tert butyl alcohol

Concen: 204.018 ug/l

RT: 4.74 min Scan# 933

Delta R.T. -0.02 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

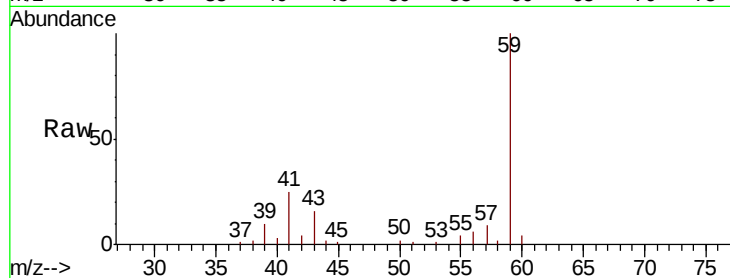
VSTDCCC050EC

Tot Ion: 59 Resp: 71041

Ion Ratio Lower Upper

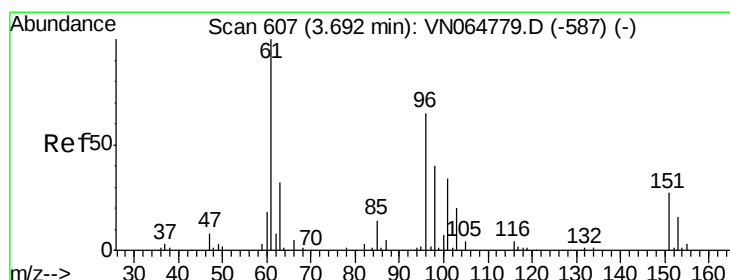
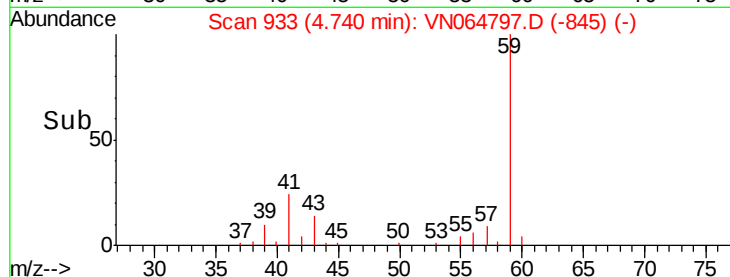
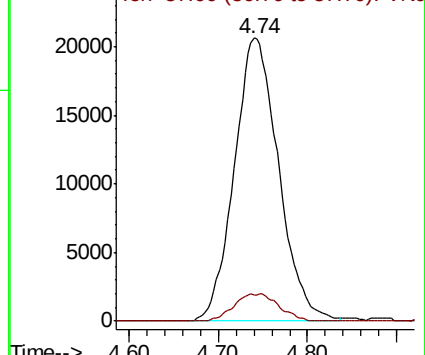
59 100

57 9.8 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 48.073 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

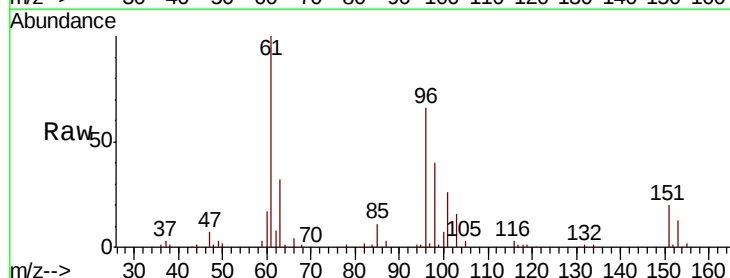
Tgt Ion: 96 Resp: 89531

Ion Ratio Lower Upper

96 100

61 152.6 123.4 185.2

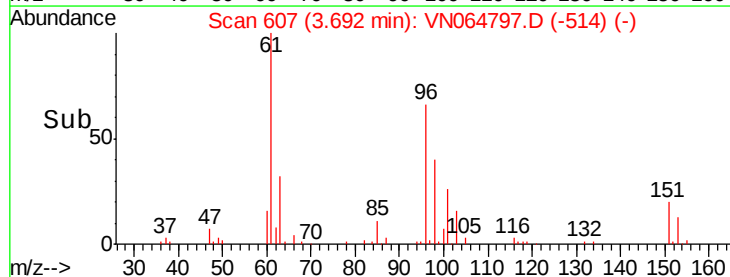
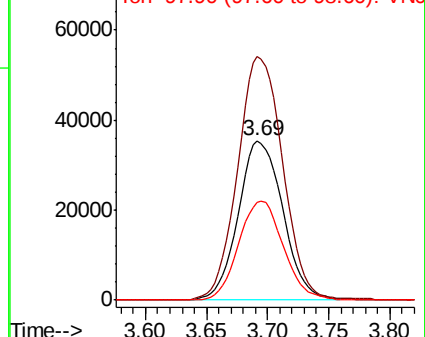
98 61.3 49.8 74.8

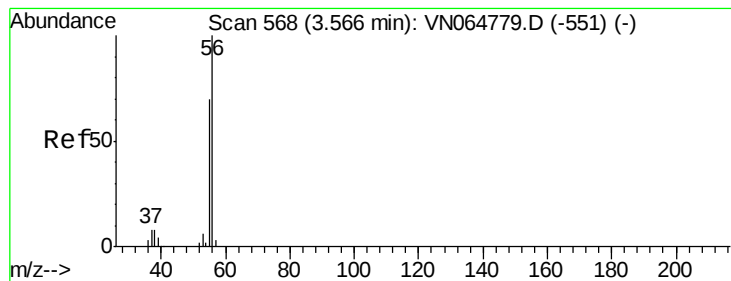


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 244.664 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

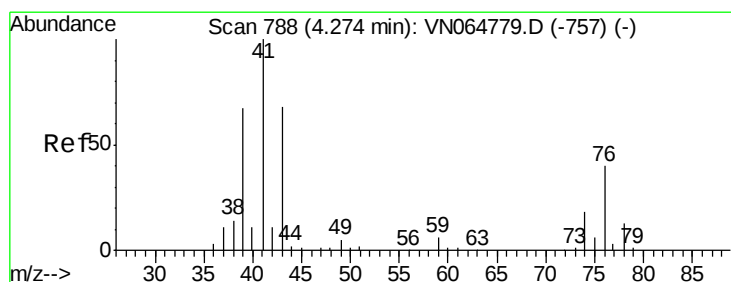
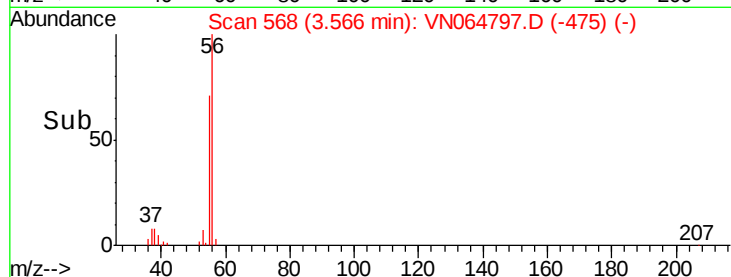
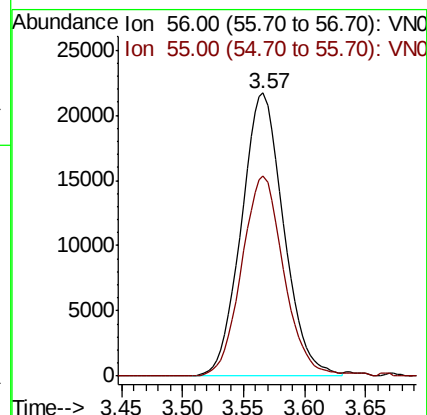
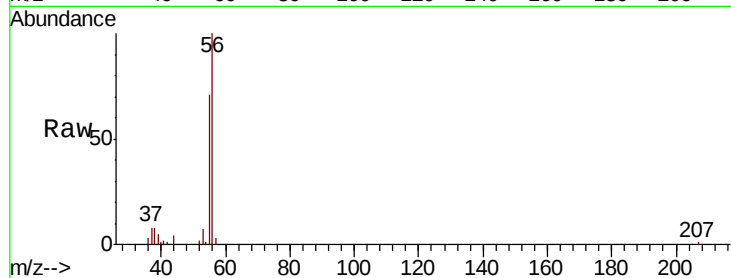
VSTDCCC050EC

Tot Ion: 56 Resp: 52038

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7



#14

Allyl chloride

Concen: 46.510 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

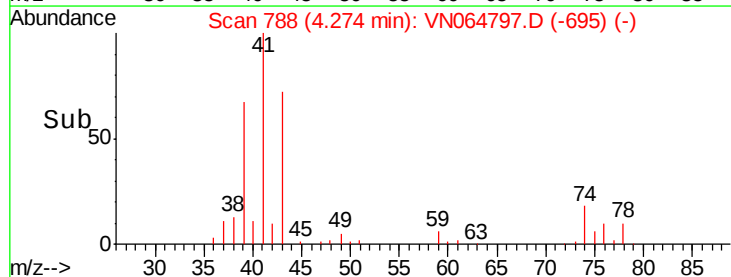
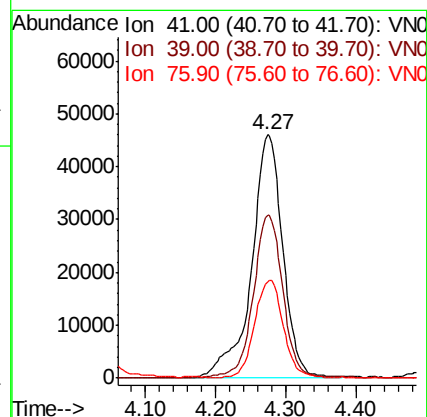
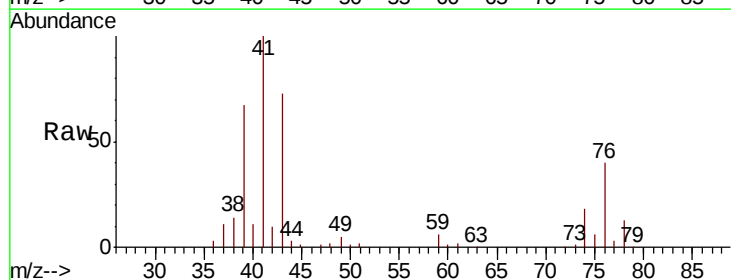
Tgt Ion: 41 Resp: 142866

Ion Ratio Lower Upper

41 100

39 62.9 50.9 76.3

76 36.9 29.0 43.4





#15

Acrylonitrile

Concen: 231.786 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

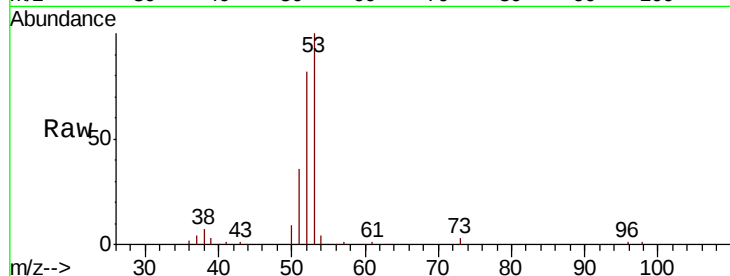
Tot Ion: 53 Resp: 222963

Ion Ratio Lower Upper

53 100

52 82.5 65.5 98.3

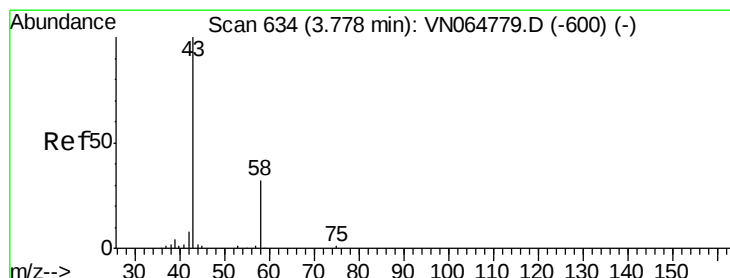
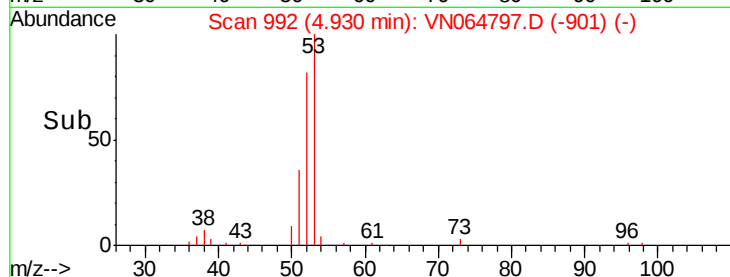
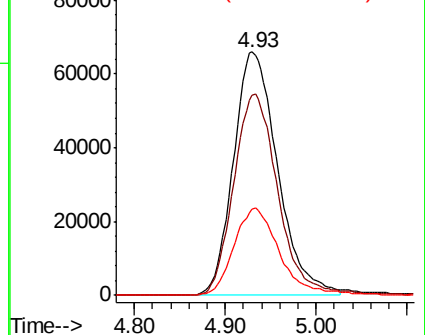
51 36.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 240.381 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064797.D

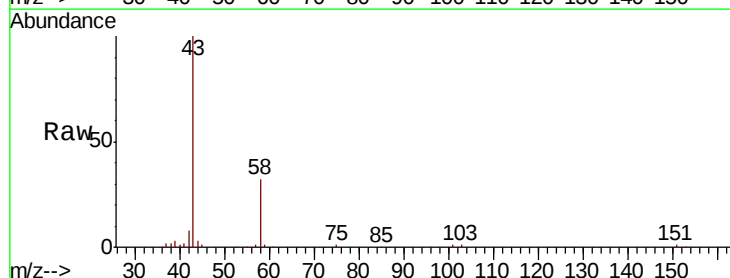
Acq: 24 Nov 2020 1:57

Tgt Ion: 43 Resp: 176435

Ion Ratio Lower Upper

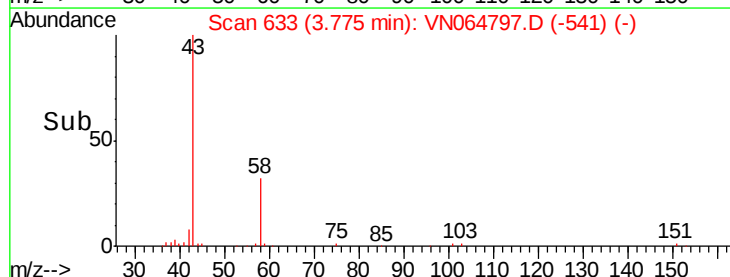
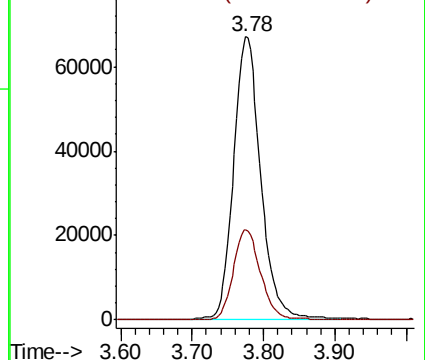
43 100

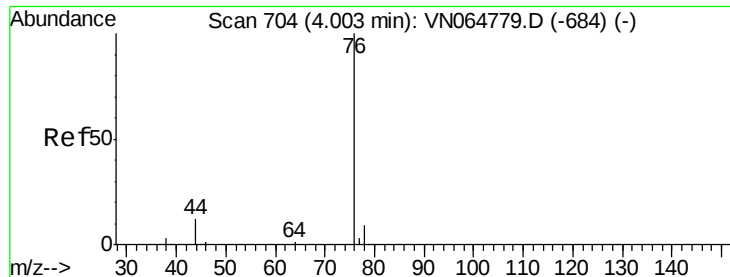
58 32.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

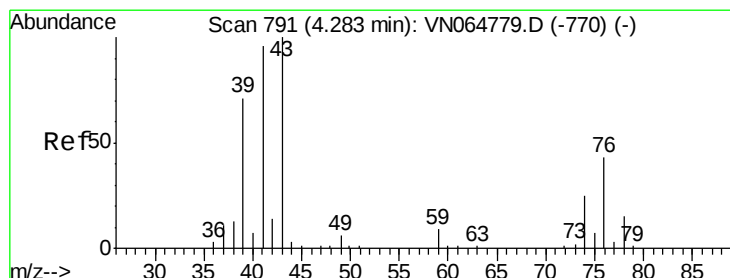
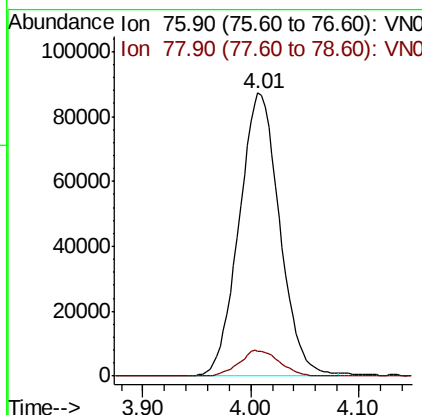
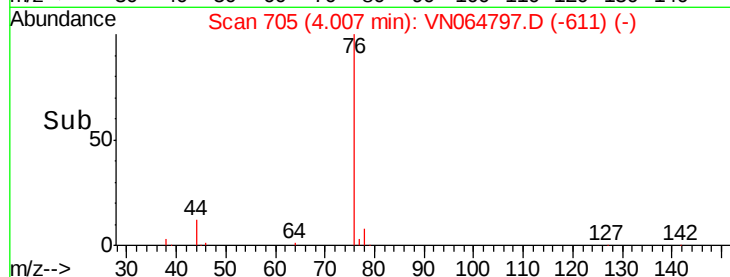
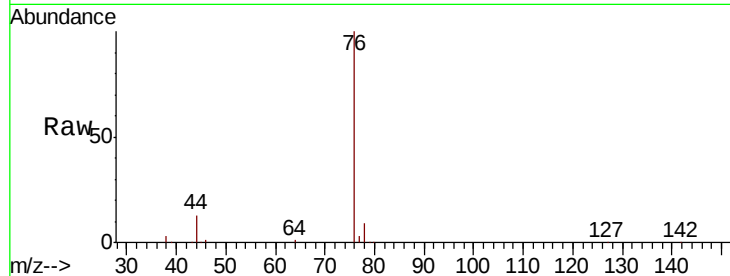




#17
Carbon Disulfide
Concen: 47.414 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

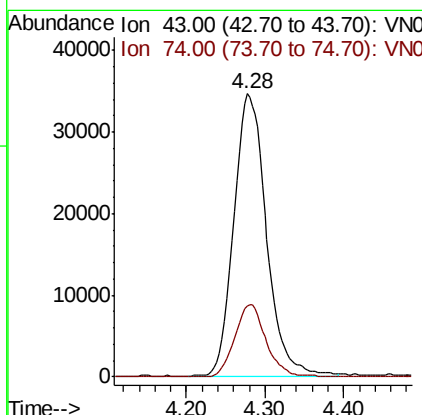
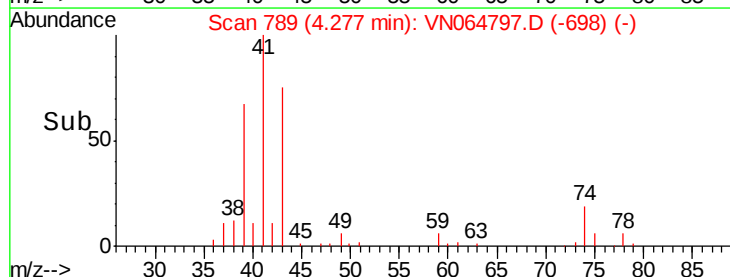
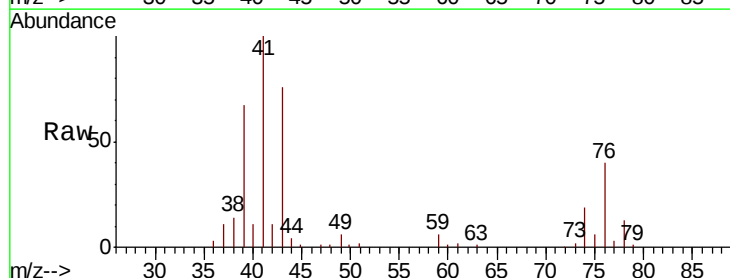
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

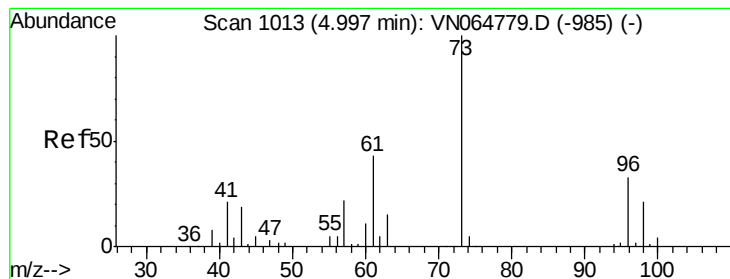
Tot Ion: 76 Resp: 227993
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 45.849 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 43 Resp: 101179
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.2



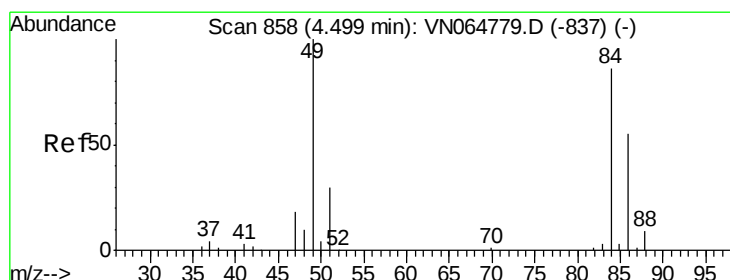
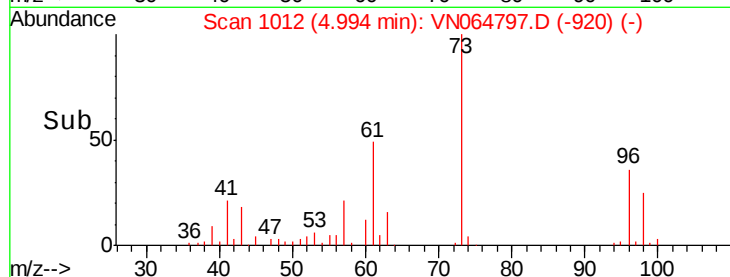
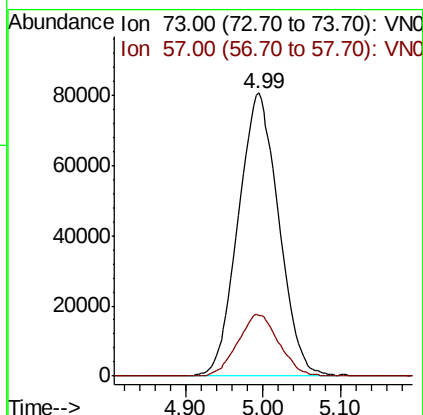
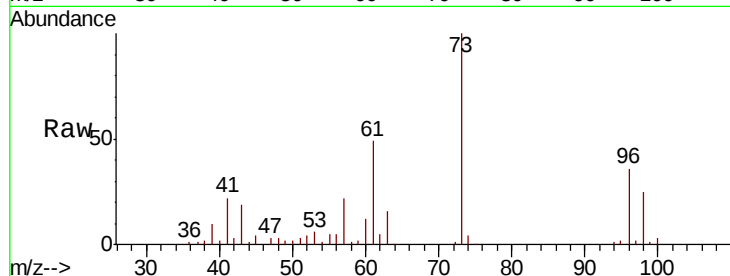


#19

Methyl tert-butyl Ether
 Concen: 49.165 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

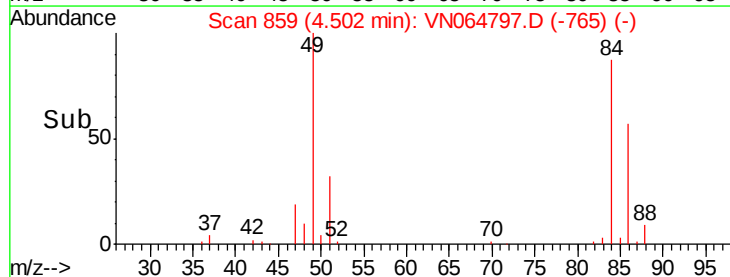
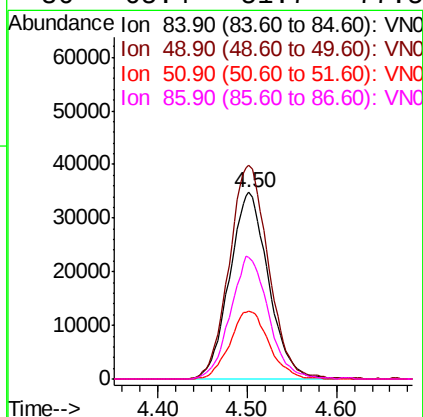
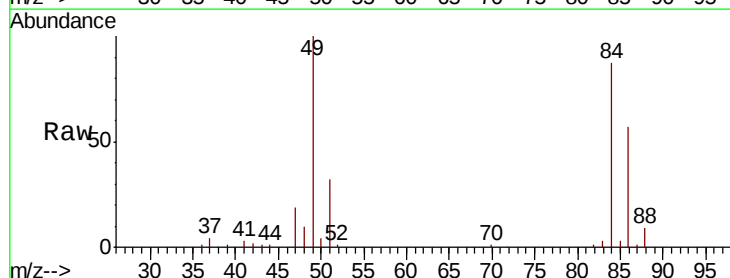
Tot Ion: 73 Resp: 293665
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.0

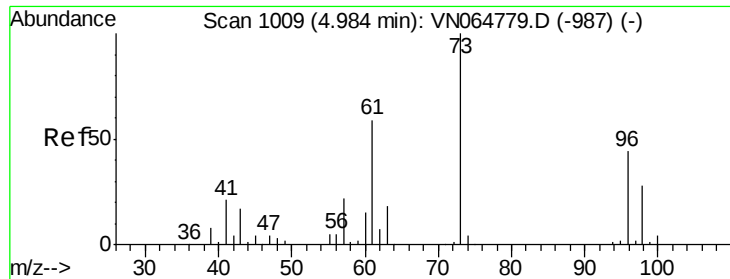


#20

Methylene Chloride
 Concen: 45.728 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 84 Resp: 105174
 Ion Ratio Lower Upper
 84 100
 49 114.6 93.4 140.0
 51 36.1 28.2 42.4
 86 65.4 51.7 77.5

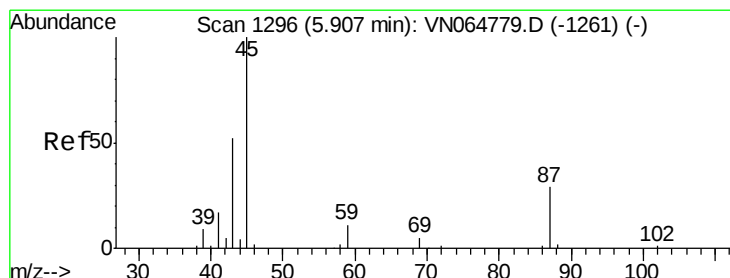
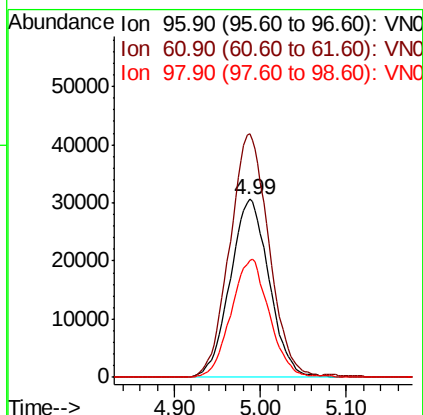
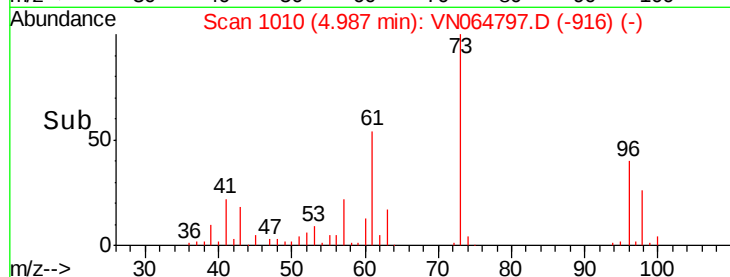
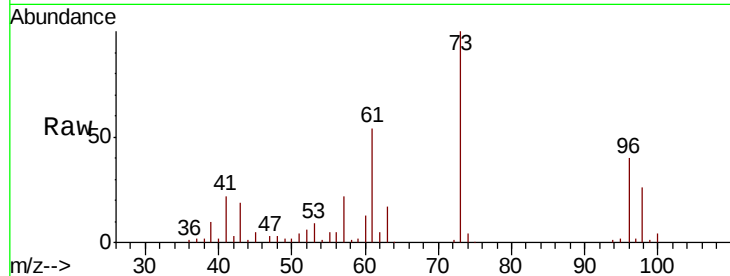




#21
trans-1,2-Dichloroethene
Concen: 46.724 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

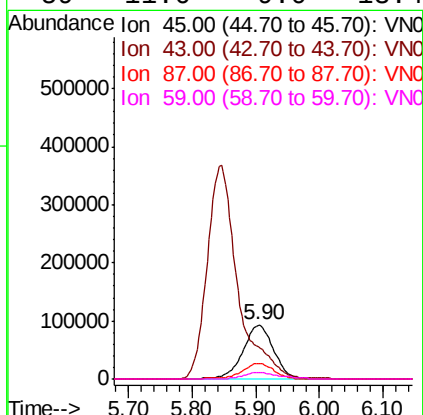
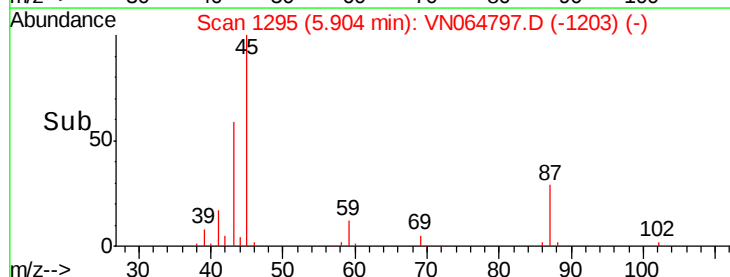
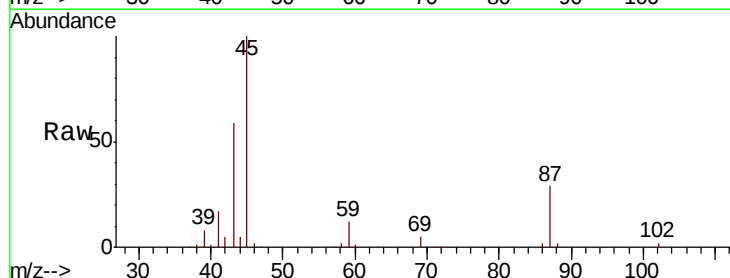
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

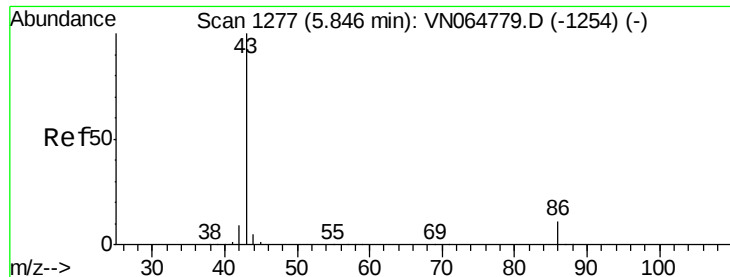
Tot Ion: 96 Resp: 96634
Ion Ratio Lower Upper
96 100
61 137.0 108.4 162.6
98 65.5 51.3 76.9



#22
Diisopropyl ether
Concen: 50.625 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 45 Resp: 311255
Ion Ratio Lower Upper
45 100
43 57.3 46.2 69.2
87 29.2 24.1 36.1
59 11.6 9.0 13.4

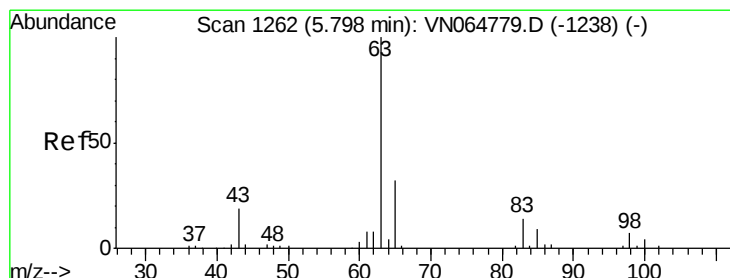
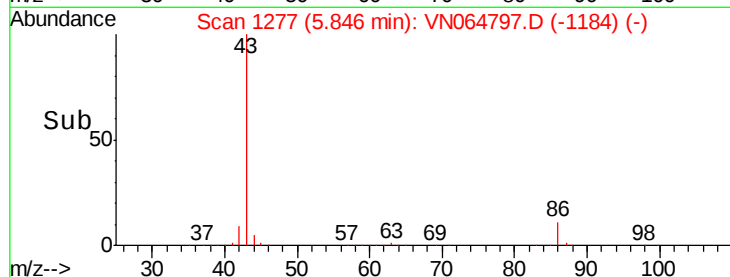
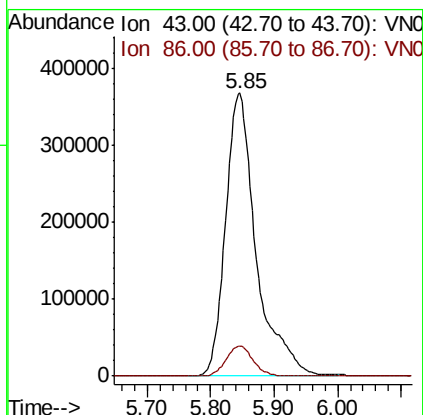
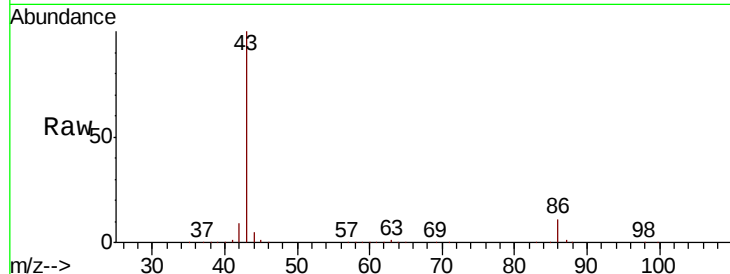




#23
 Vinyl Acetate
 Concen: 250.401 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

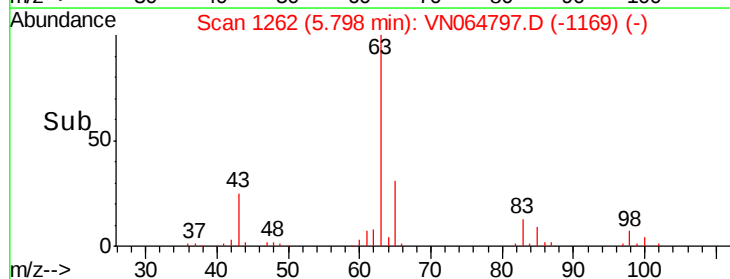
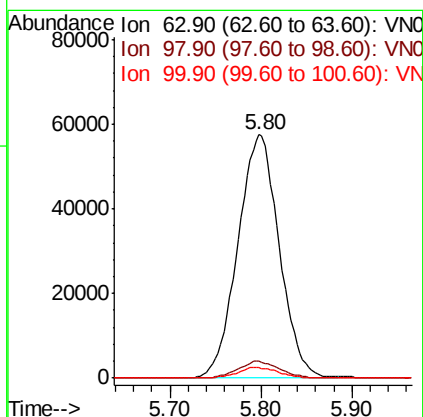
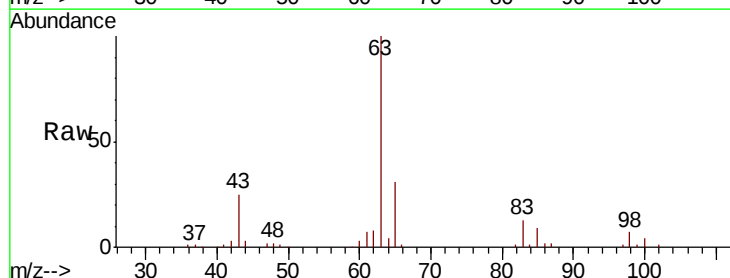
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

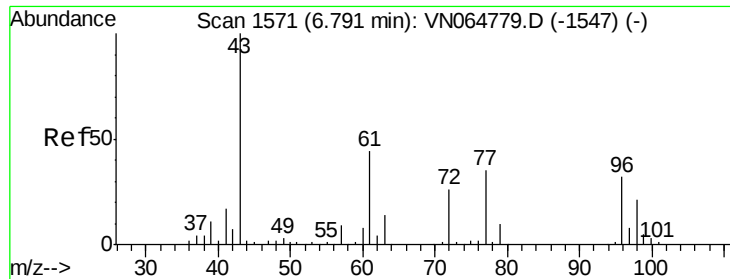
Tot Ion: 43 Resp: 1231121
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.402 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 63 Resp: 181521
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.3 2.3 6.8

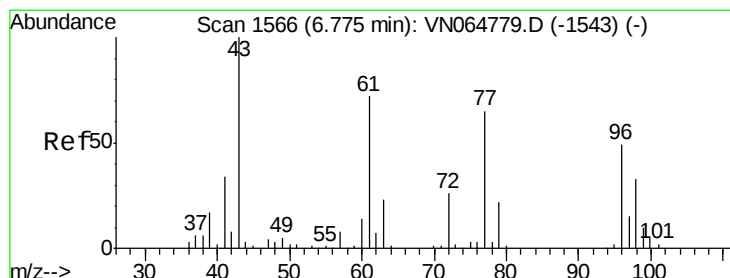
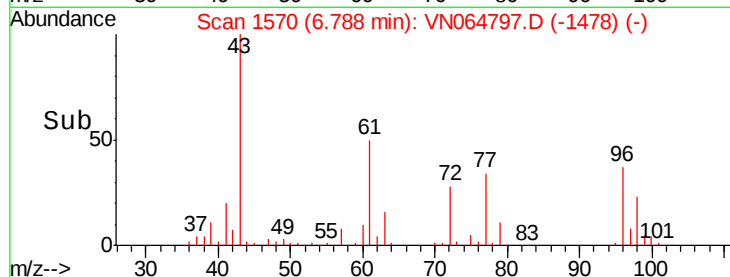
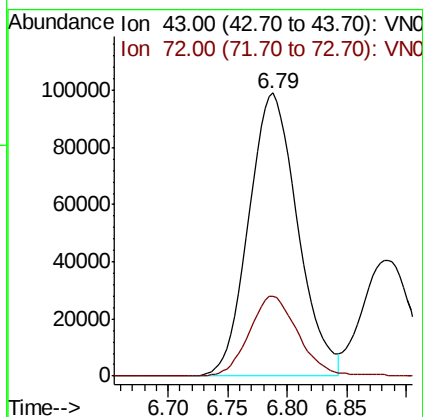
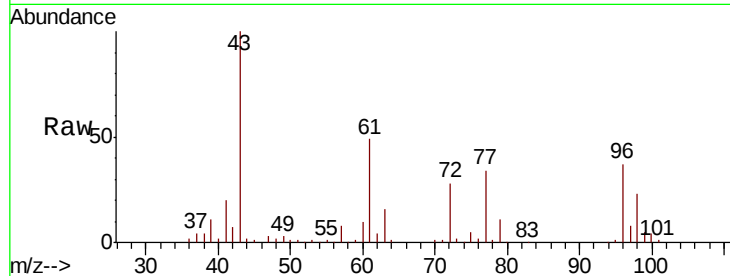




#25
2-Butanone
Concen: 236.107 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

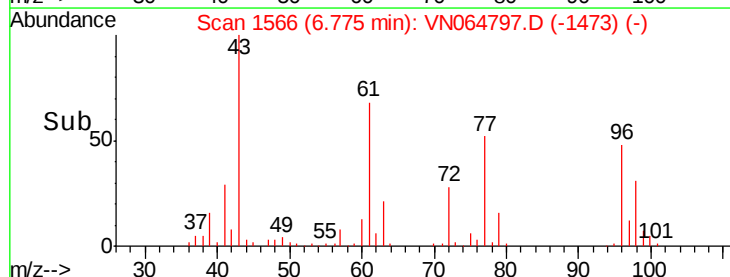
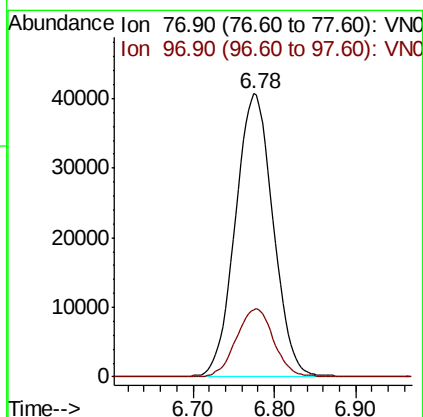
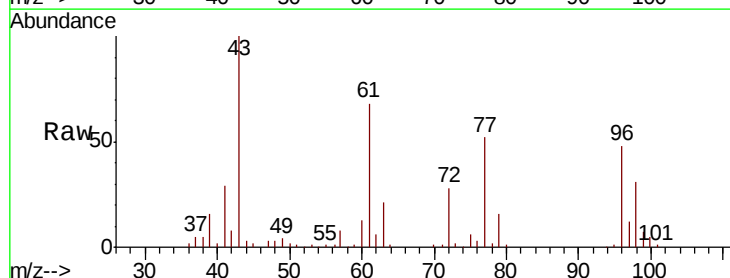
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

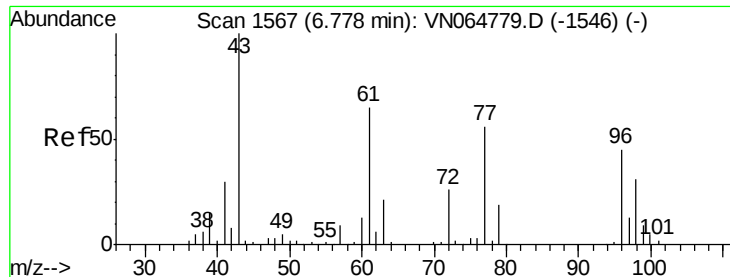
Tot Ion: 43 Resp: 280925
Ion Ratio Lower Upper
43 100
72 28.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 40.867 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 77 Resp: 130235
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.432 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

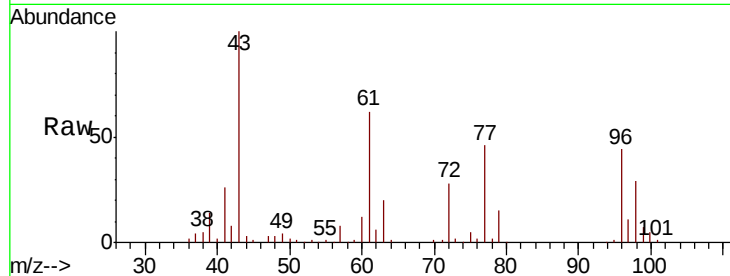
Tot Ion: 96 Resp: 112713

Ion Ratio Lower Upper

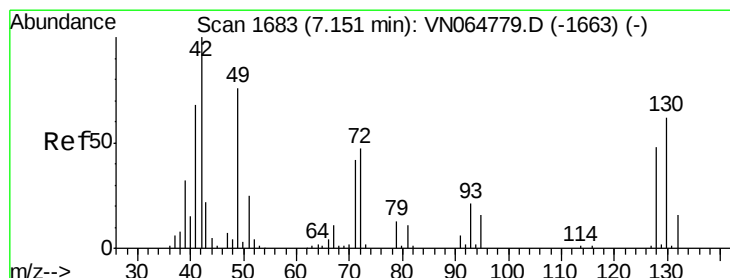
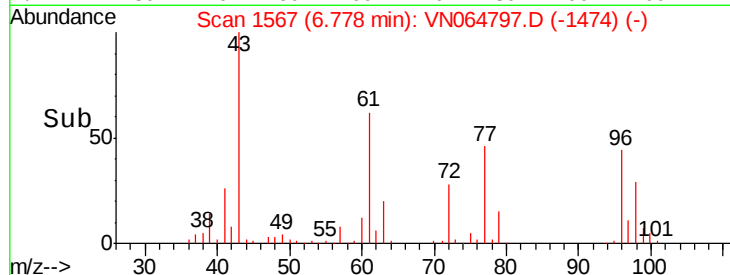
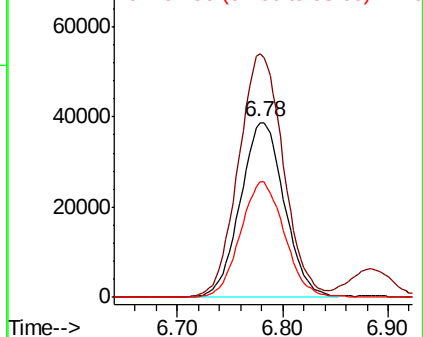
96 100

61 141.8 0.0 285.8

98 65.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 48.263 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

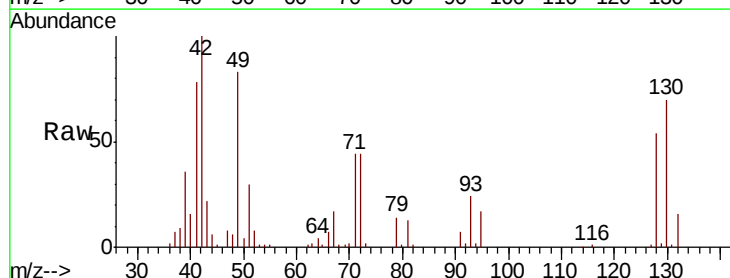
Tgt Ion: 49 Resp: 81127

Ion Ratio Lower Upper

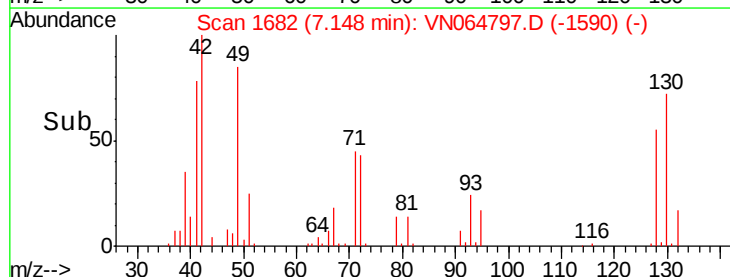
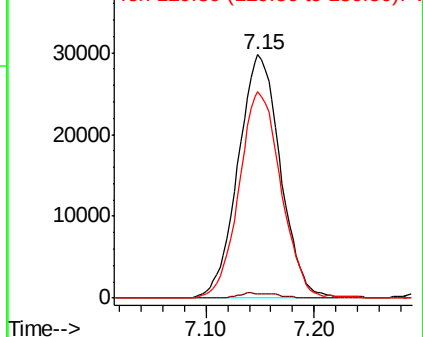
49 100

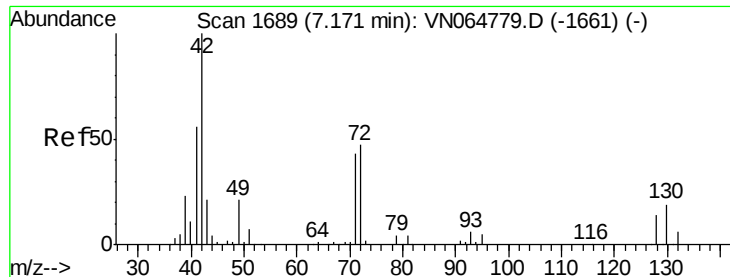
129 1.2 0.0 3.8

130 83.7 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 230.057 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

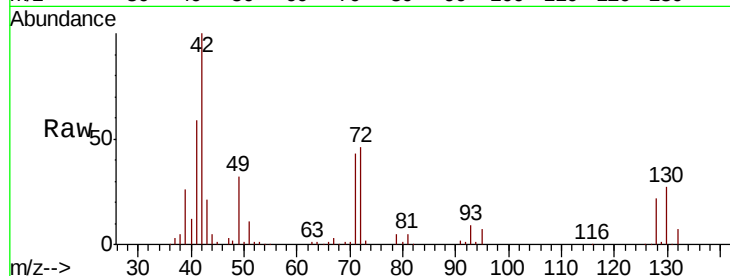
Tot Ion: 42 Resp: 188951

Ion Ratio Lower Upper

42 100

72 45.5 36.6 54.8

71 42.3 33.6 50.4



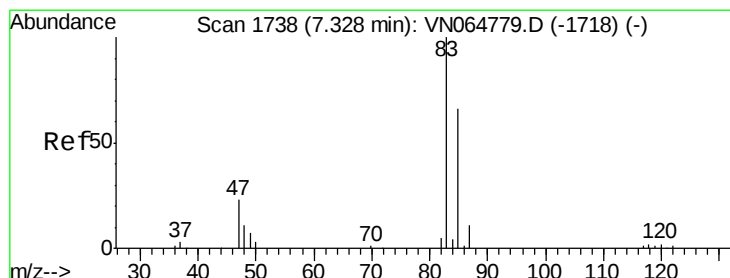
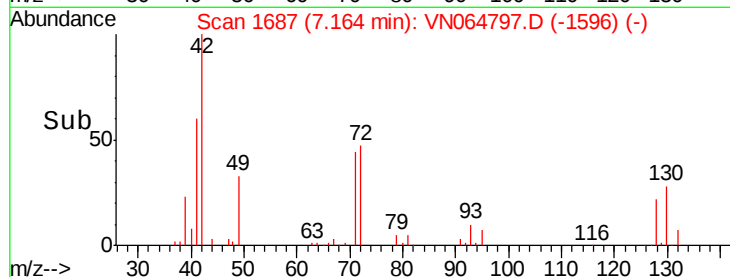
Abundance Ion 42.00 (41.70 to 42.70): VN064797.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064797.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064797.D (-1661) (-)

7.16

Time-->



#30

Chloroform

Concen: 49.405 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064797.D

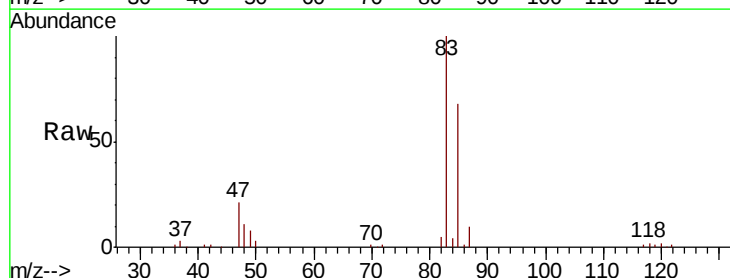
Acq: 24 Nov 2020 1:57

Tgt Ion: 83 Resp: 187204

Ion Ratio Lower Upper

83 100

85 67.7 52.6 78.8

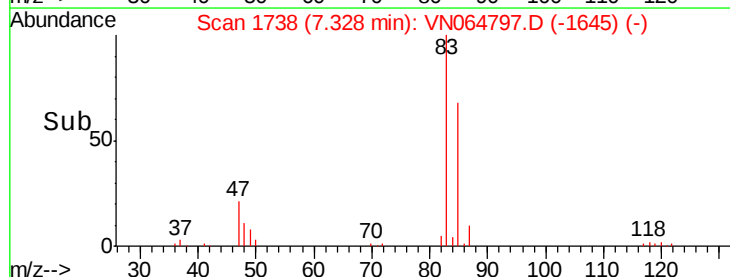


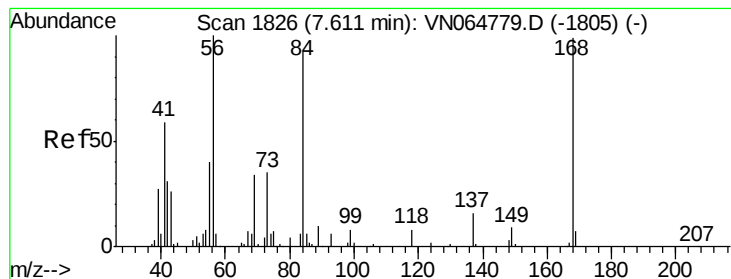
Abundance Ion 82.90 (82.60 to 83.60): VN064797.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064797.D (-1645) (-)

7.33

Time-->





#31

Cyclohexane

Concen: 46.201 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

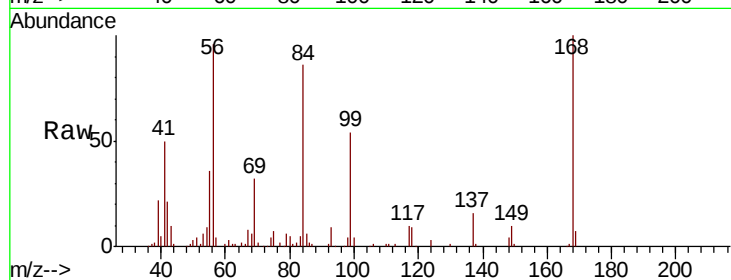
Tot Ion: 56 Resp: 143776

Ion Ratio Lower Upper

56 100

69 33.4 27.5 41.3

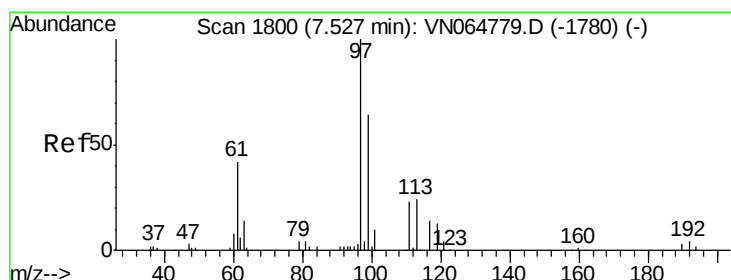
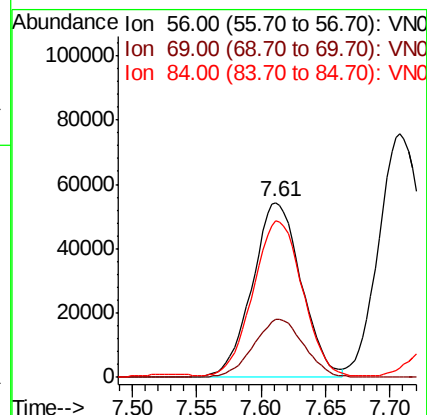
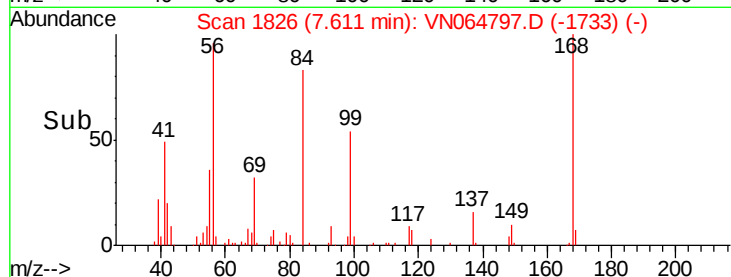
84 88.2 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064797.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064797.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064797.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 48.795 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

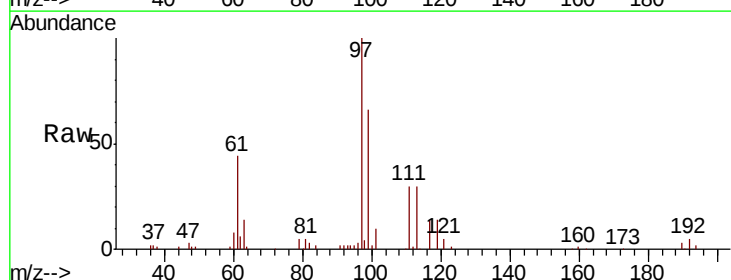
Tgt Ion: 97 Resp: 158801

Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

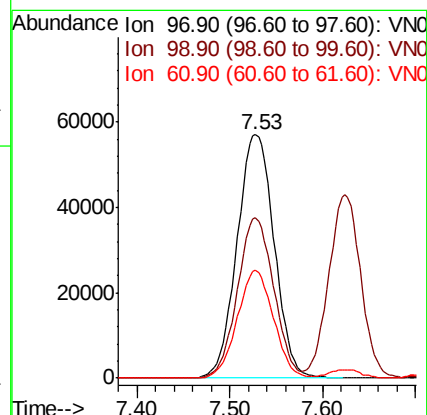
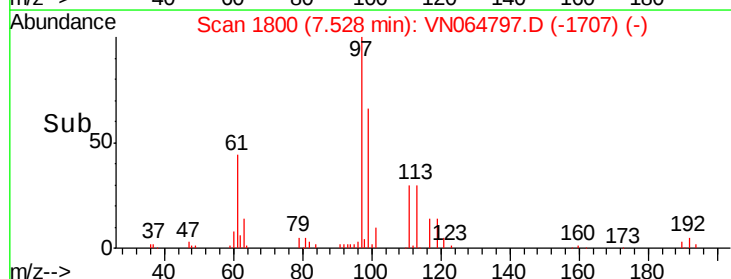
61 43.0 33.9 50.9

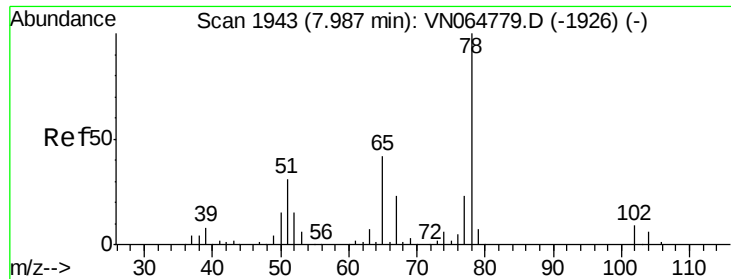


Abundance Ion 96.90 (96.60 to 97.60): VN064797.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064797.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064797.D (-1707) (-)

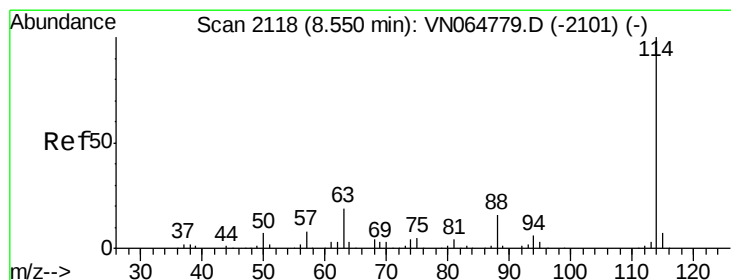
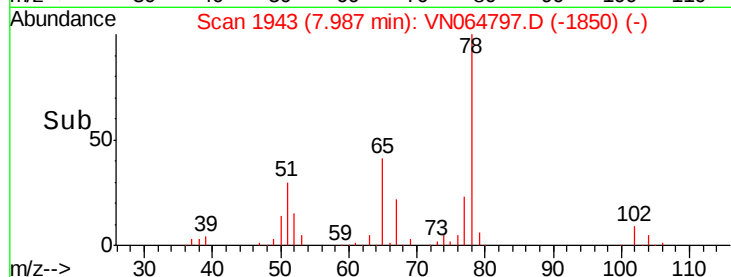
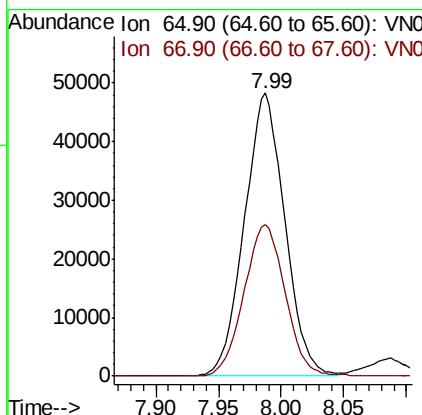
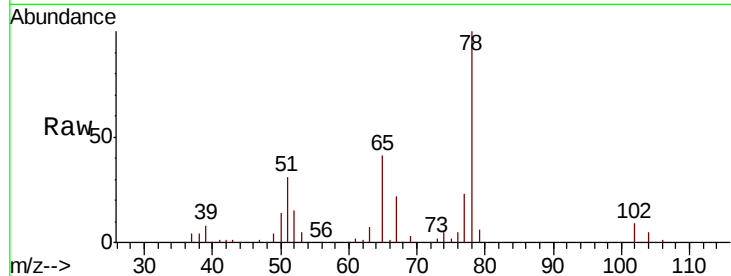




#33
 1,2-Dichloroethane-d4
 Concen: 48.638 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

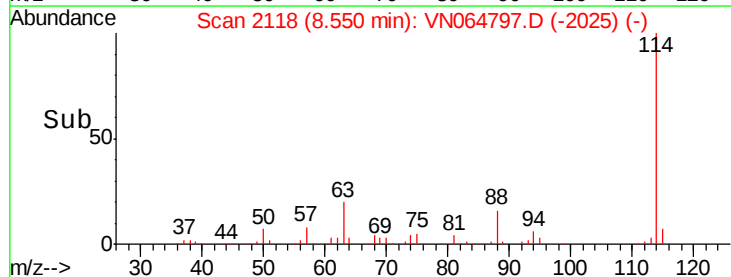
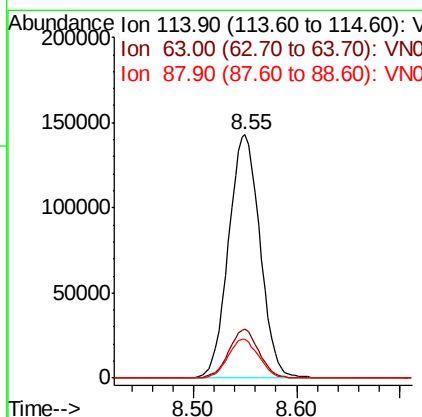
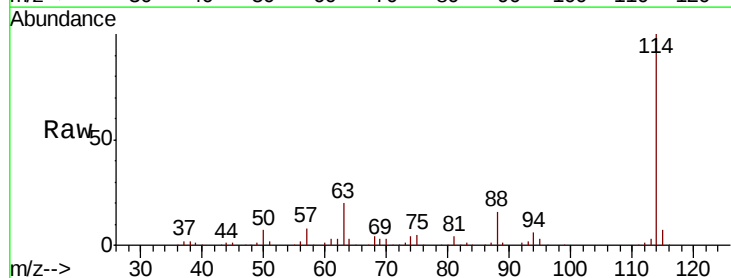
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 108598
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 114 Resp: 303571
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 15.8 0.0 32.6

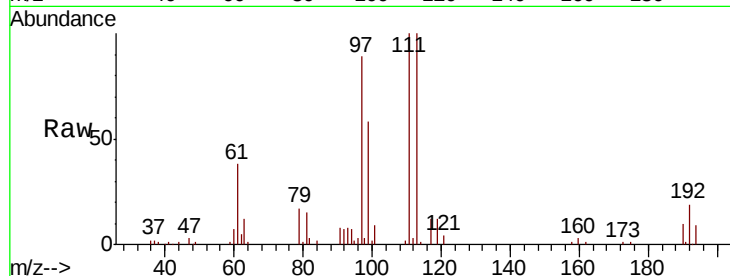




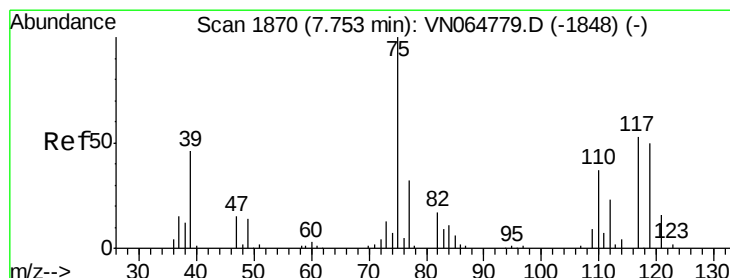
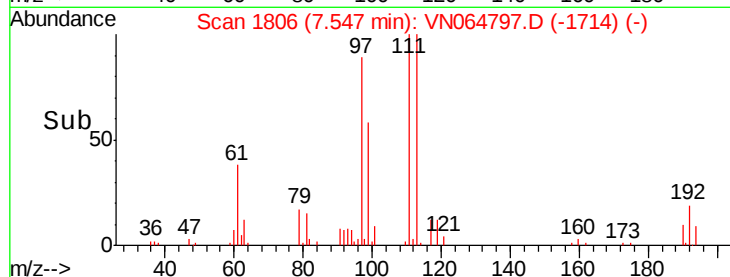
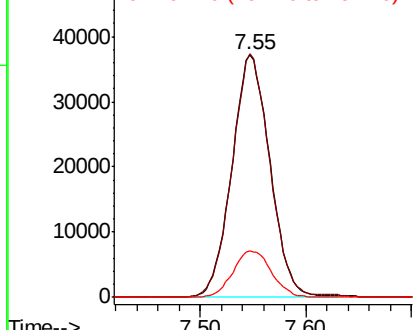
#35
 Dibromofluoromethane
 Concen: 51.446 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 93451
 Ion Ratio Lower Upper
 113 100
 111 99.1 81.6 122.4
 192 19.4 16.2 24.2

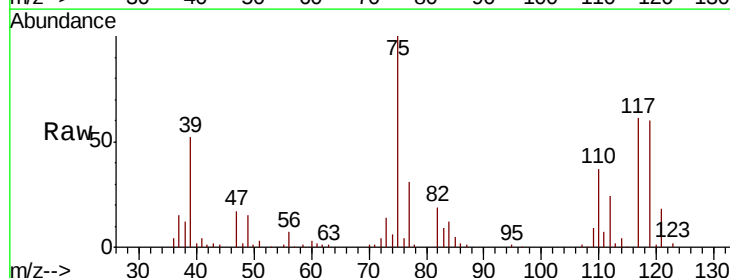


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

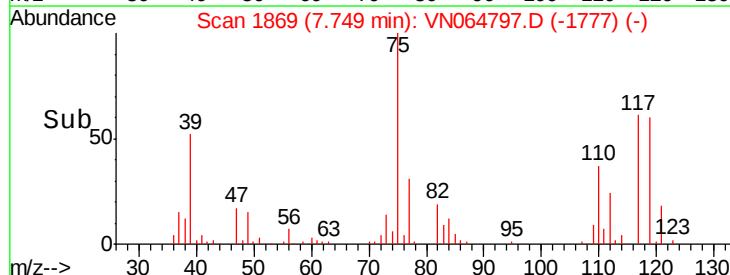
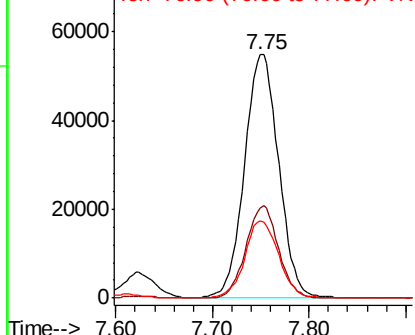


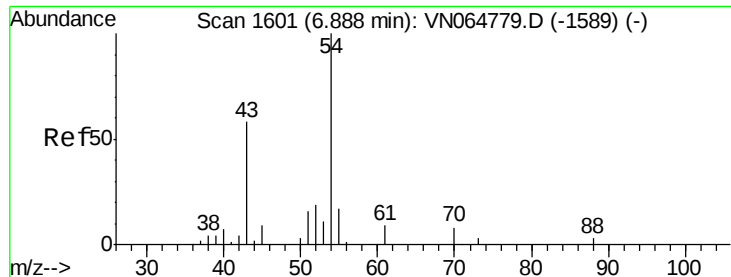
#36
 1,1-Dichloropropene
 Concen: 47.996 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 75 Resp: 135052
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.8 53.3
 77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

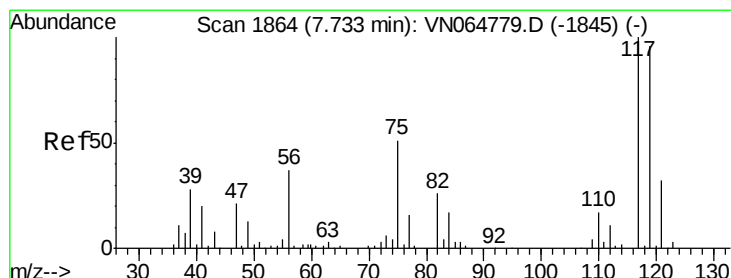
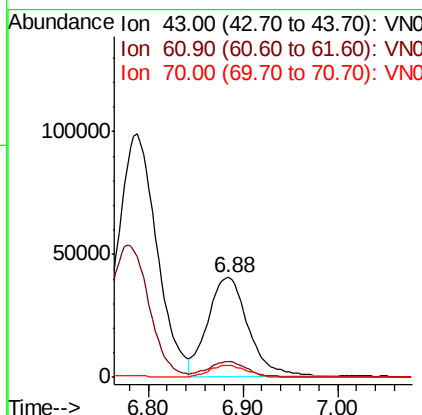
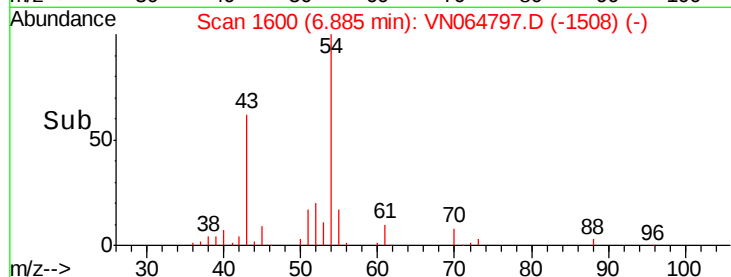
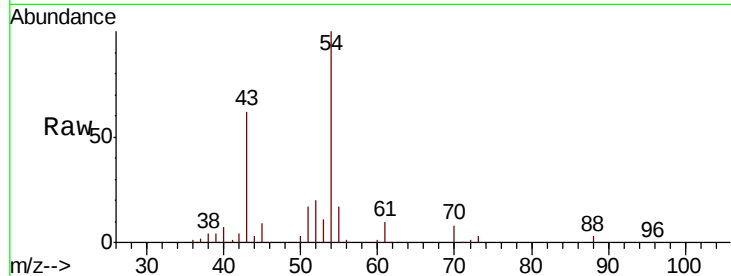




#37
Ethyl Acetate
Concen: 44.319 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

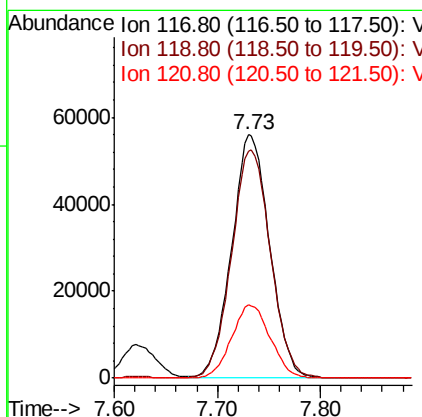
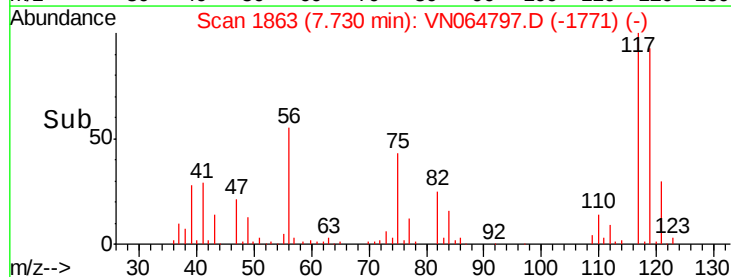
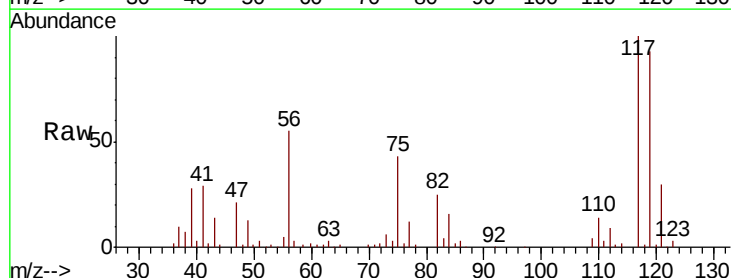
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

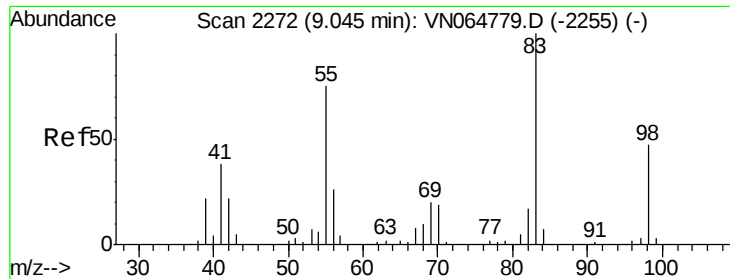
Tot Ion: 43 Resp: 120123
Ion Ratio Lower Upper
43 100
61 14.9 12.8 19.2
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.043 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 117 Resp: 143587
Ion Ratio Lower Upper
117 100
119 93.3 76.7 115.1
121 30.1 25.4 38.2

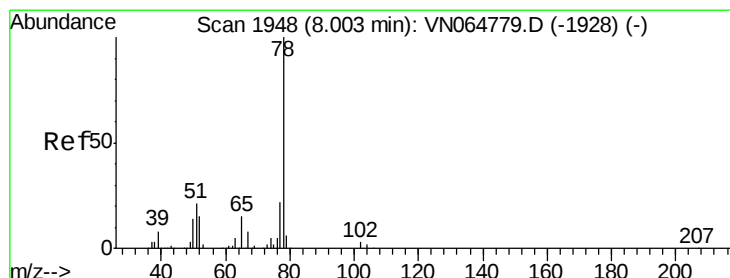
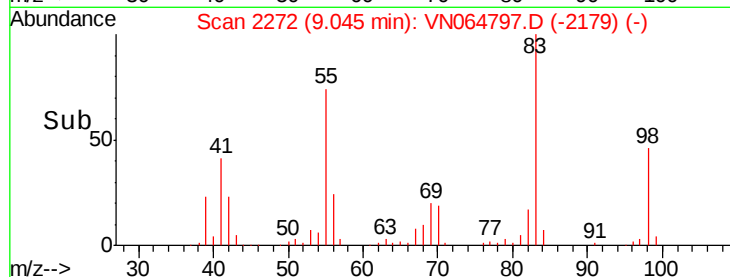
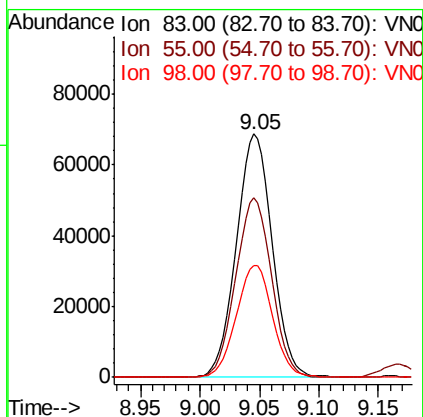
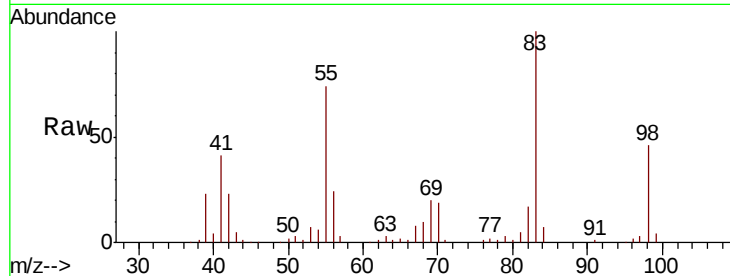




#39
Methvlcvclohexane
Concen: 47.532 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

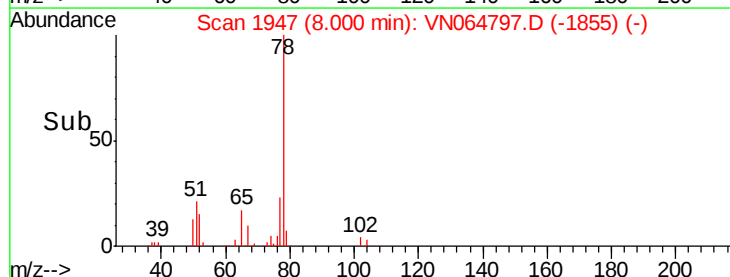
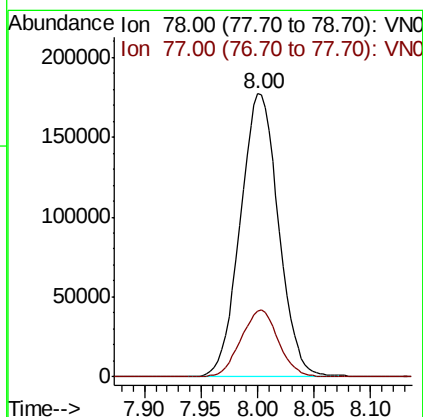
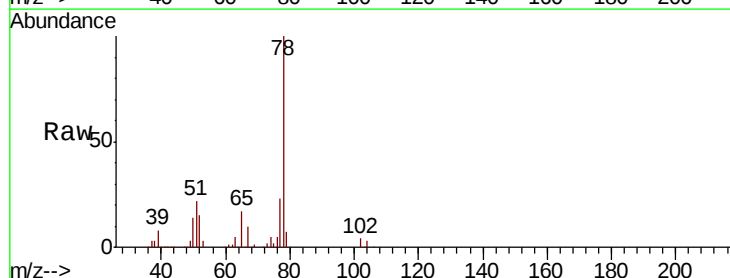
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

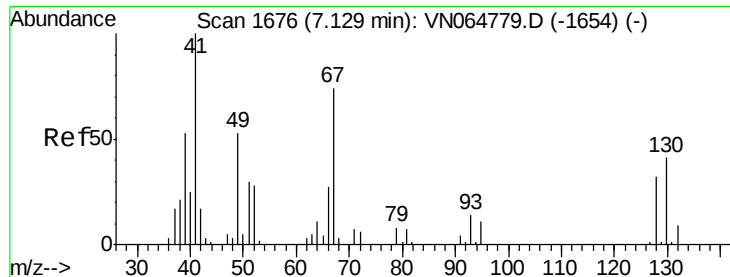
Tot Ion: 83 Resp: 143978
Ion Ratio Lower Upper
83 100
55 73.7 60.2 90.2
98 45.9 37.4 56.2



#40
Benzene
Concen: 48.404 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 78 Resp: 417365
Ion Ratio Lower Upper
78 100
77 23.1 17.9 26.9

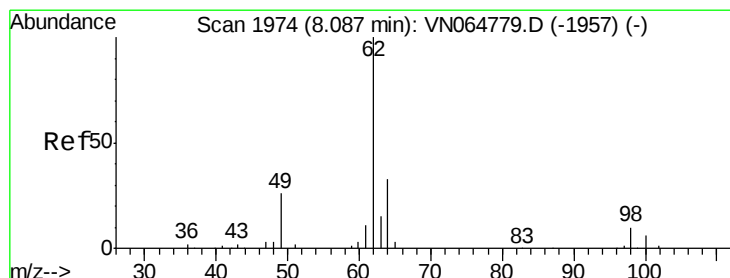
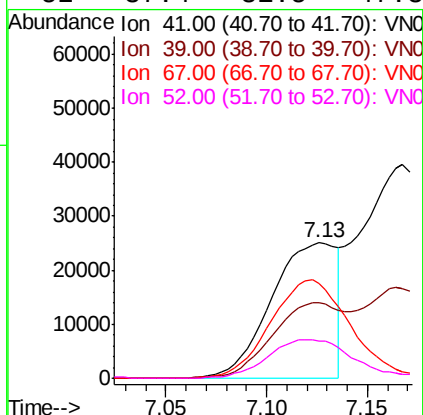
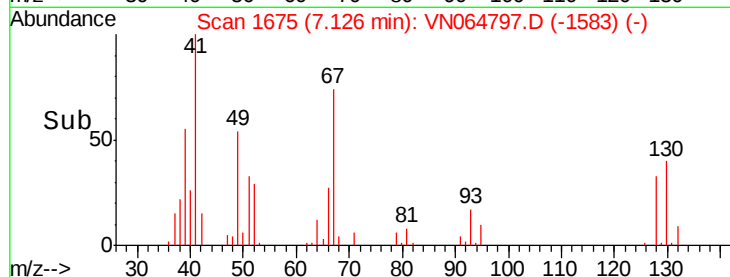
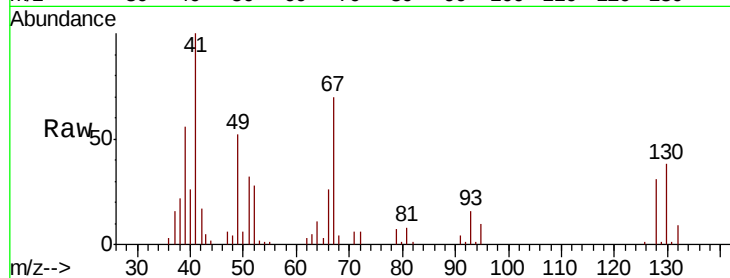




#41
Methacrylonitrile
Concen: 45.336 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

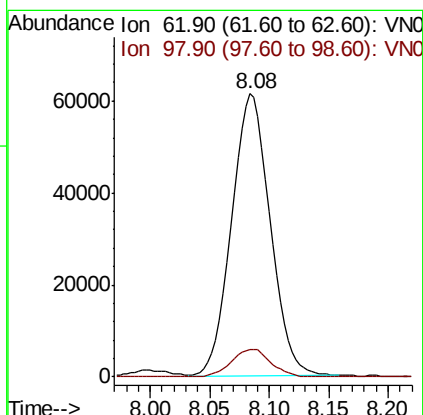
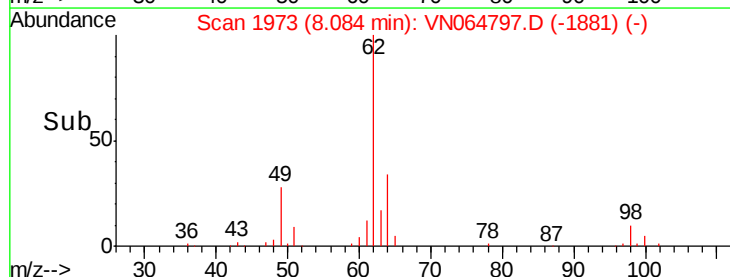
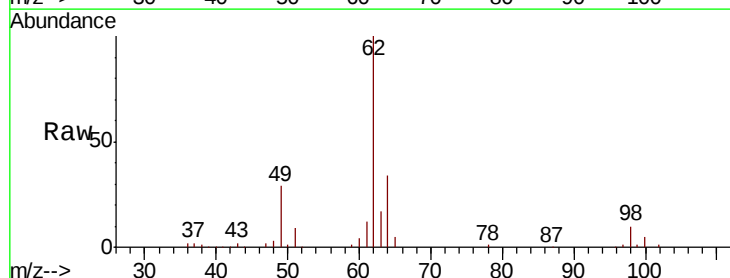
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

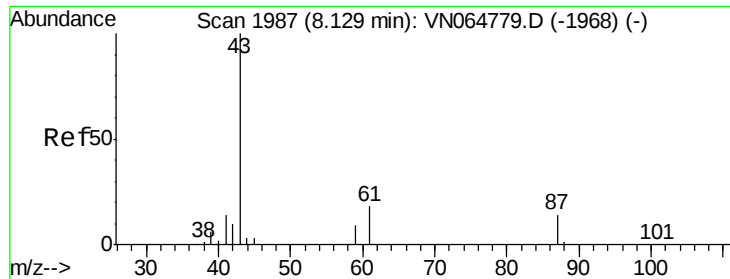
Tot Ion:	41	Resp:	56700
Ion	Ratio	Lower	Upper
41	100		
39	58.2	51.0	76.6
67	88.6	79.8	119.8
52	37.4	31.5	47.3



#42
1,2-Dichloroethane
Concen: 47.366 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion:	62	Resp:	137775
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6





#43

Isopropyl Acetate

Concen: 45.329 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

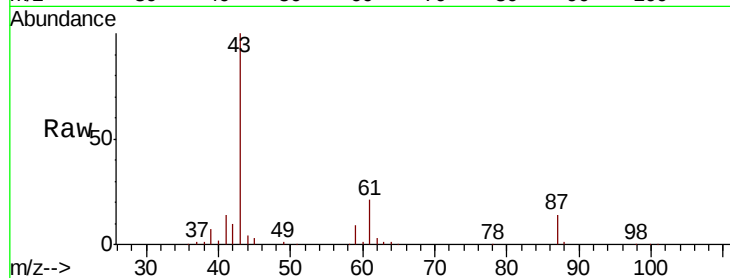
Tot Ion: 43 Resp: 197701

Ion Ratio Lower Upper

43 100

61 21.3 17.2 25.8

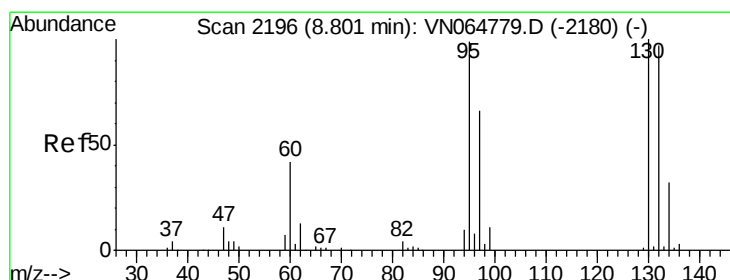
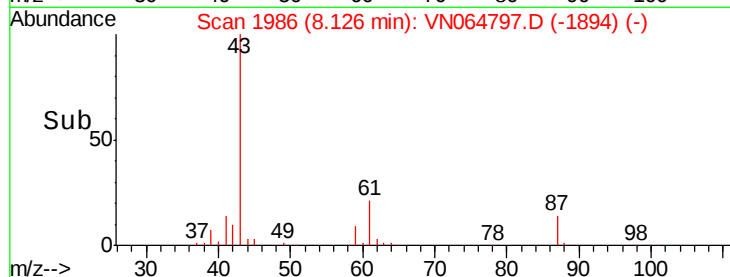
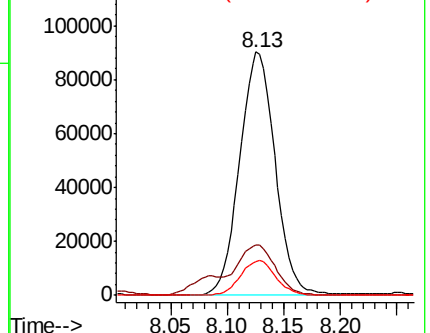
87 14.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064797.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064797.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064797.D (-1968) (-)



#44

Trichloroethene

Concen: 46.946 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064797.D

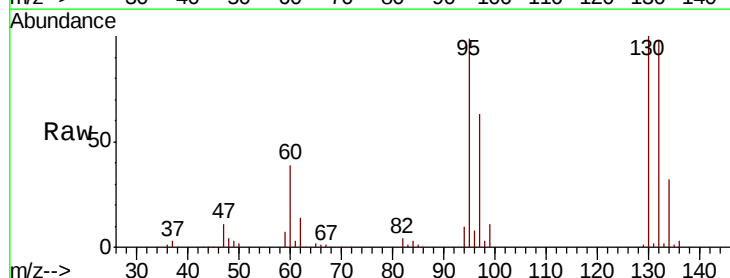
Acq: 24 Nov 2020 1:57

Tgt Ion:130 Resp: 119435

Ion Ratio Lower Upper

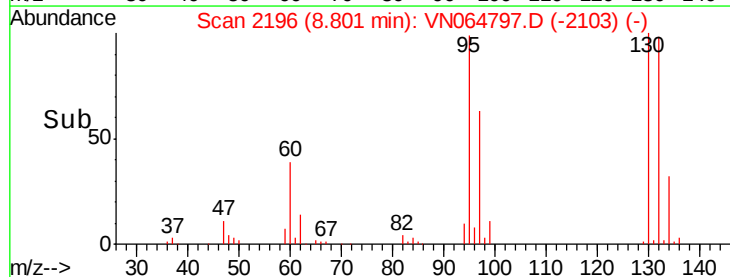
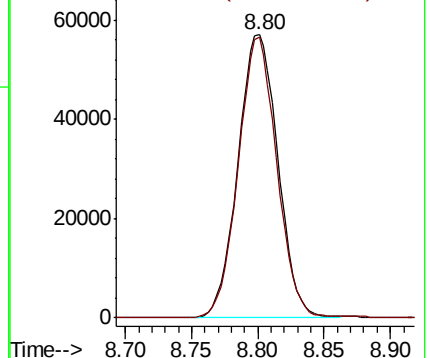
130 100

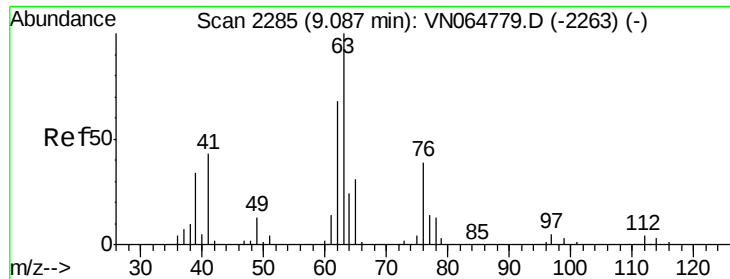
95 99.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064797.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064797.D (-2180) (-)

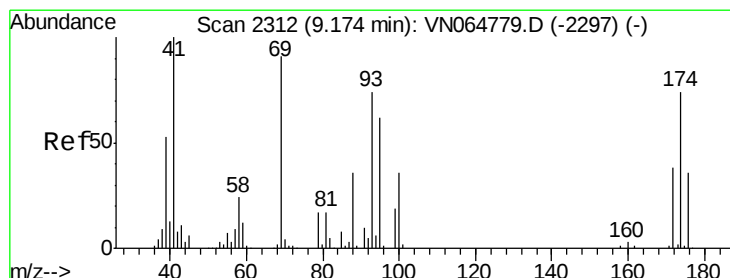
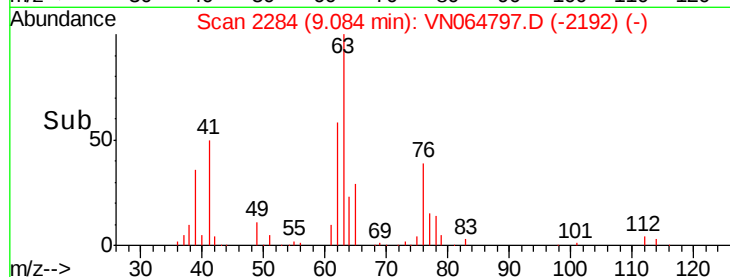
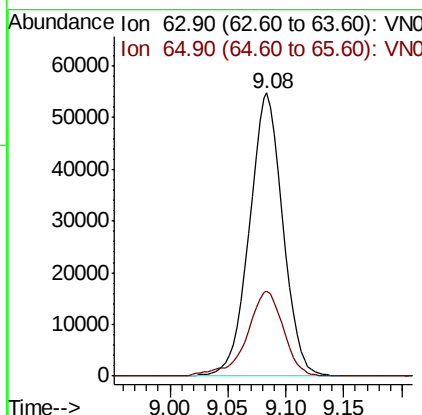
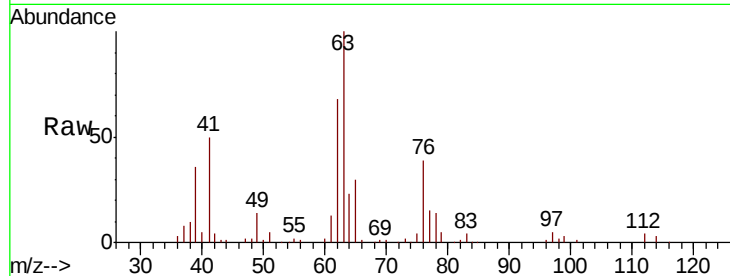




#45
 1,2-Dichloropropane
 Concen: 49.253 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

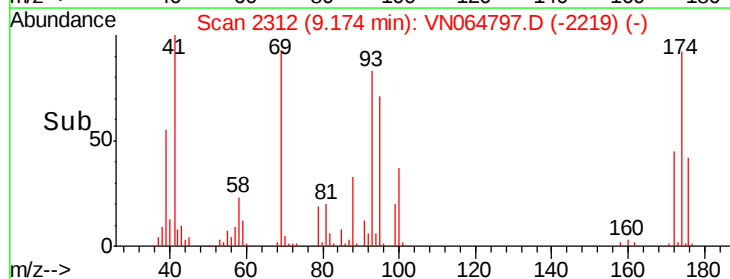
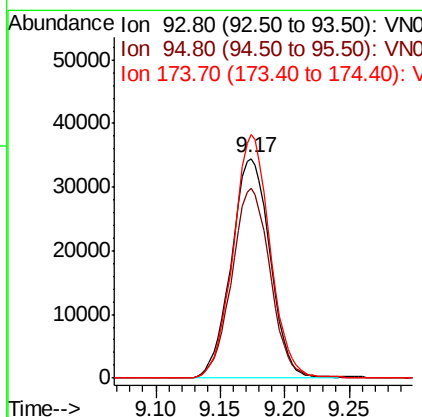
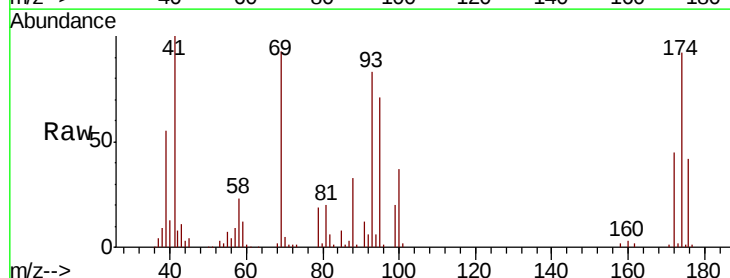
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

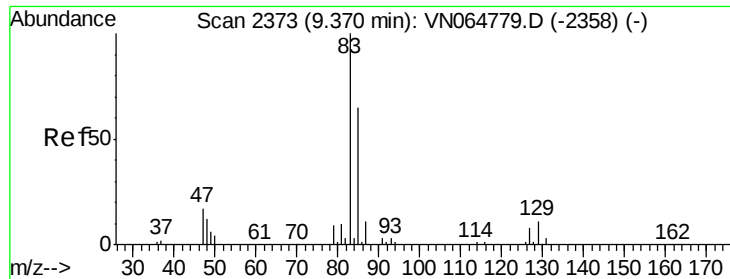
Tot Ion: 63 Resp: 109979
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4



#46
 Dibromomethane
 Concen: 48.362 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 93 Resp: 72144
 Ion Ratio Lower Upper
 93 100
 95 85.6 68.8 103.2
 174 105.6 83.1 124.7





#47

Bromodichloromethane

Concen: 48.585 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

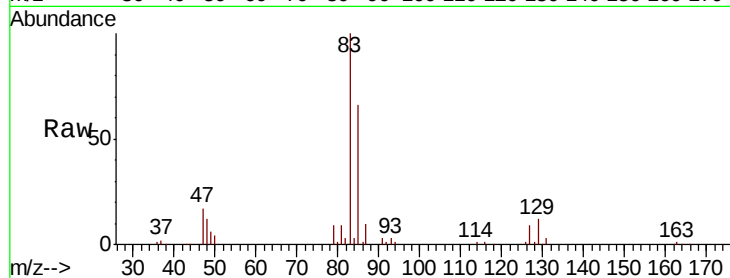
Tot Ion: 83 Resp: 145831

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.8

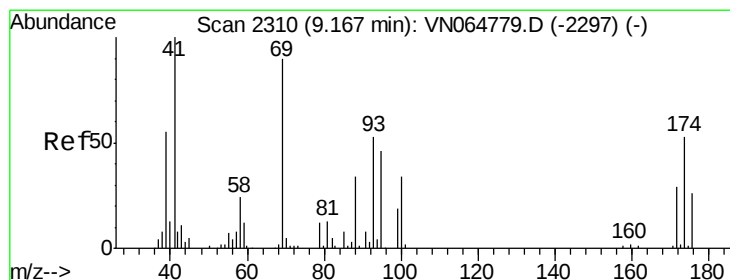
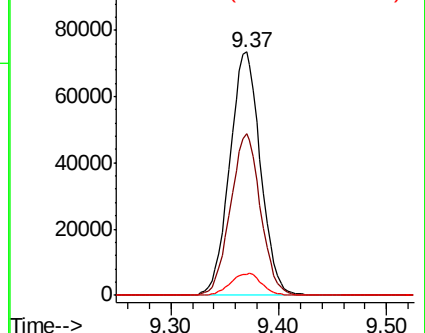
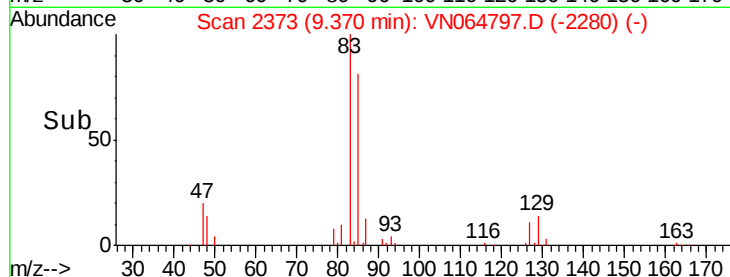
127 8.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064797.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064797.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064797.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.592 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

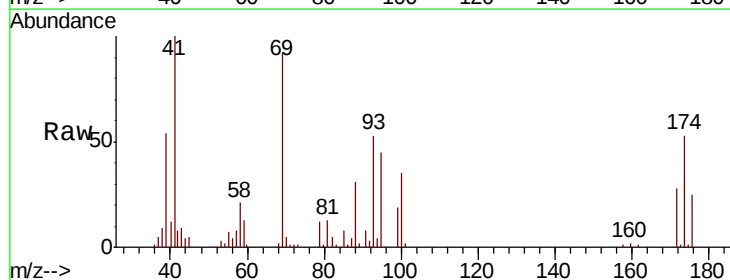
Tgt Ion: 41 Resp: 99185

Ion Ratio Lower Upper

41 100

69 90.7 71.8 107.8

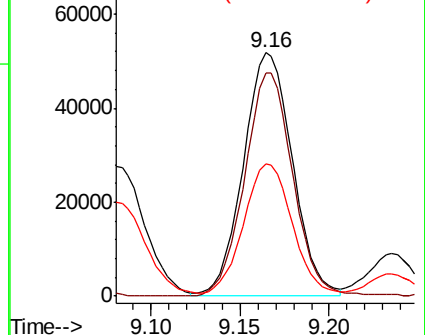
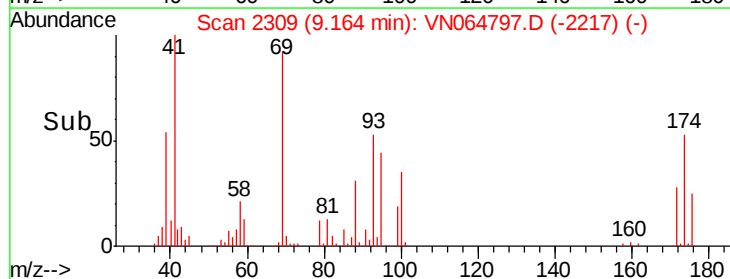
39 54.8 44.1 66.1

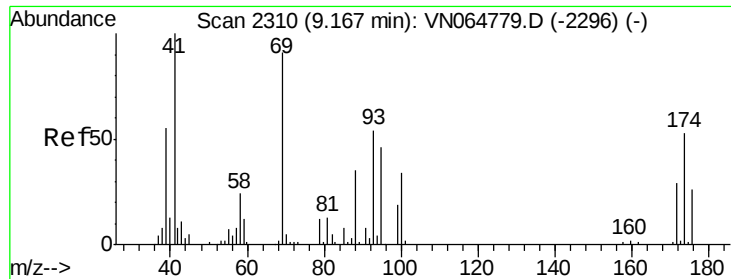


Abundance Ion 41.00 (40.70 to 41.70): VN064797.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064797.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064797.D (-2217) (-)

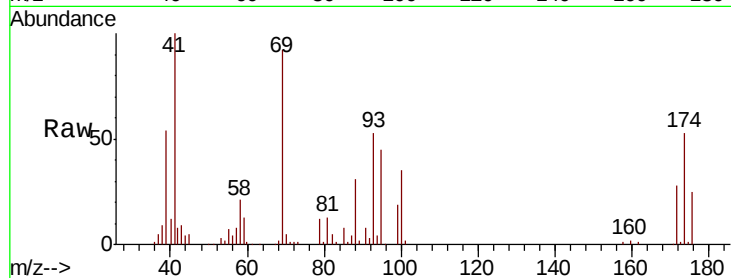




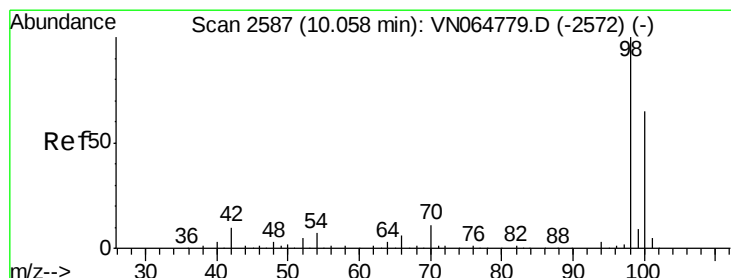
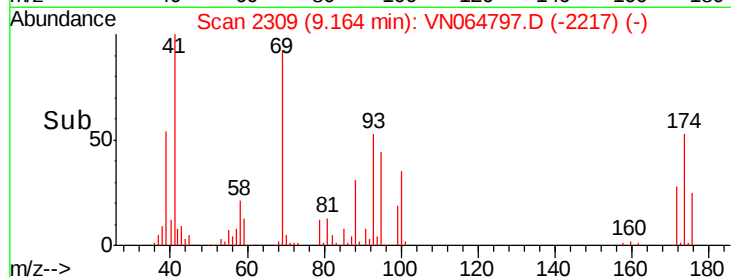
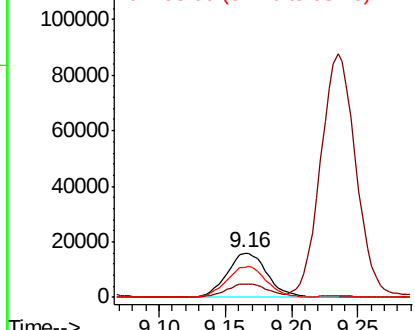
#49
1,4-Dioxane
Concen: 844.931 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 33281
Ion Ratio Lower Upper
88 100
43 29.7 24.2 36.4
58 69.1 52.5 78.7

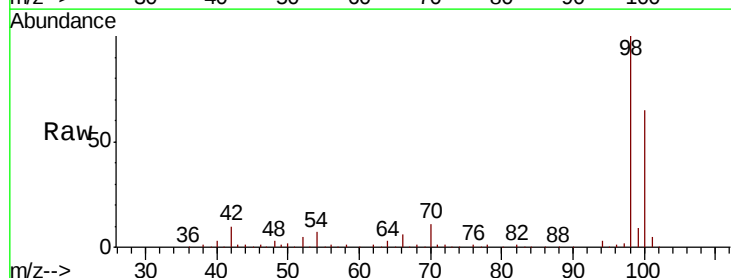


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

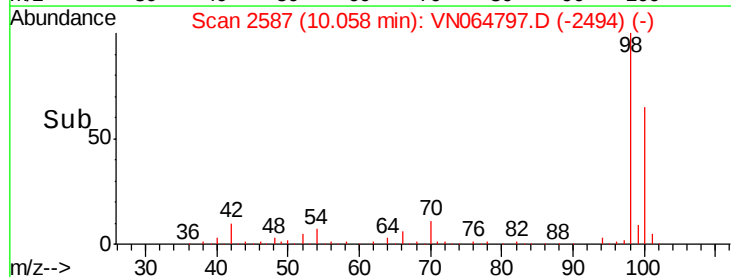
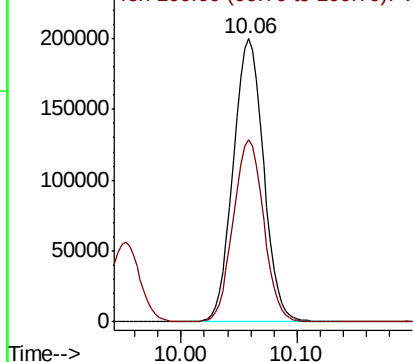


#50
Toluene-d8
Concen: 48.894 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 98 Resp: 362893
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 233.940 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

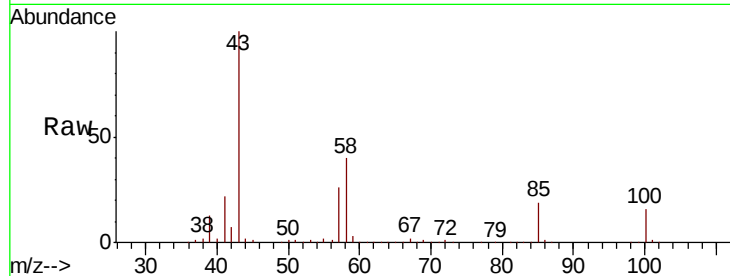
VSTDCCC050EC

Tot Ion: 43 Resp: 612544

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064797.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064797.D (-2534) (-)

9.95

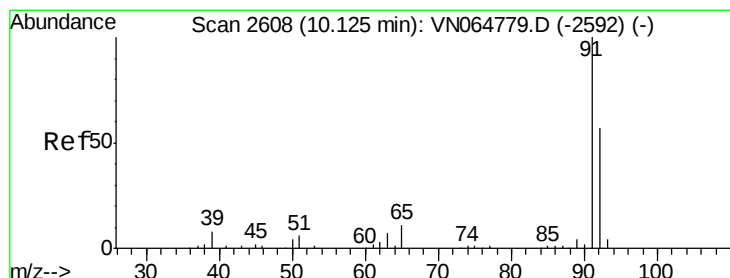
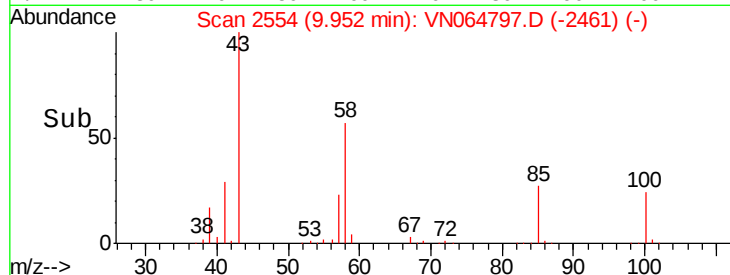
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.813 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064797.D

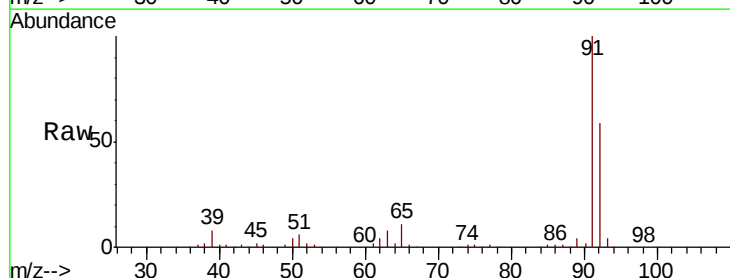
Acq: 24 Nov 2020 1:57

Tgt Ion: 92 Resp: 264509

Ion Ratio Lower Upper

92 100

91 169.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064797.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064797.D (-2515) (-)

10.12

300000

250000

200000

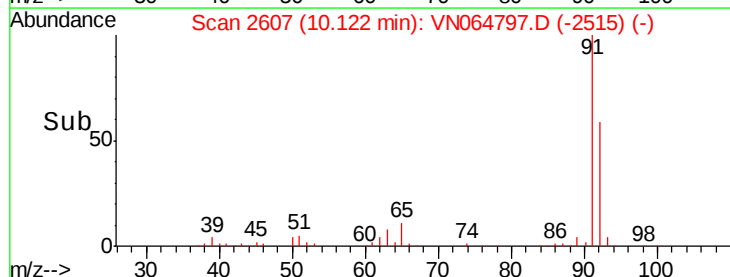
150000

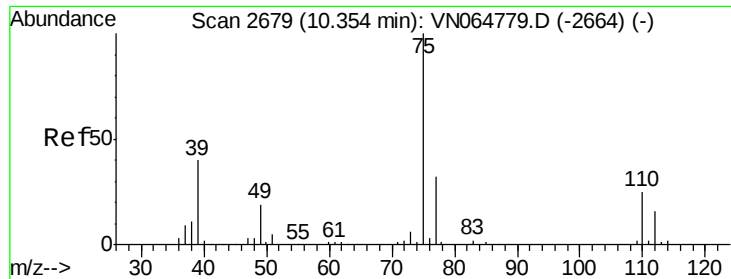
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.692 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

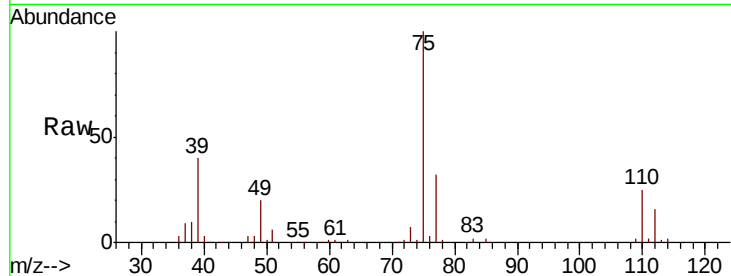
VSTDCCC050EC

Tot Ion: 75 Resp: 156099

Ion Ratio Lower Upper

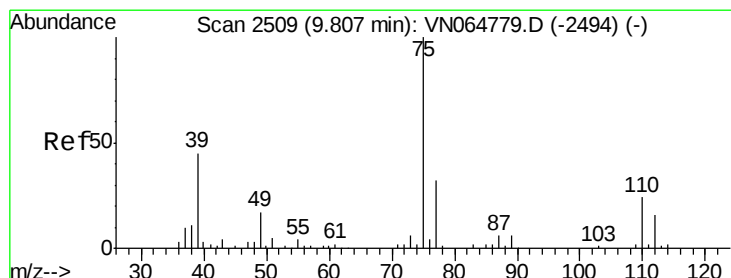
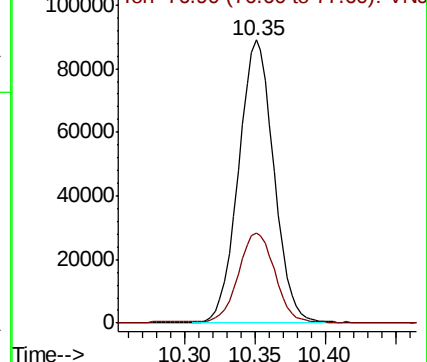
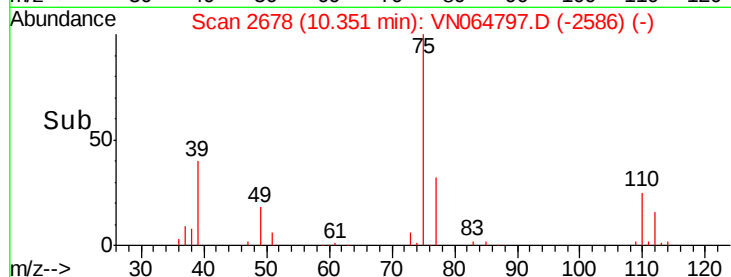
75 100

77 31.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN064797.D (-2586) (-)

Ion 76.90 (76.60 to 77.60): VN064797.D (-2586) (-)



#54

cis-1,3-Dichloropropene

Concen: 47.788 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

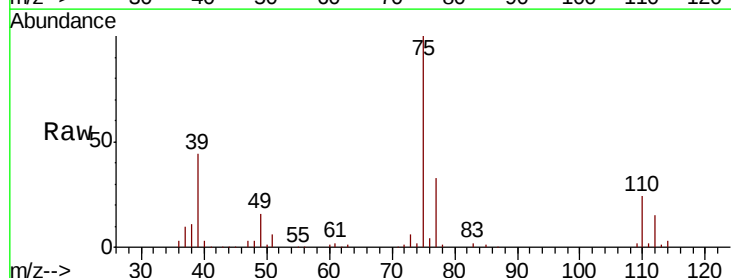
Tgt Ion: 75 Resp: 171245

Ion Ratio Lower Upper

75 100

77 33.0 25.5 38.3

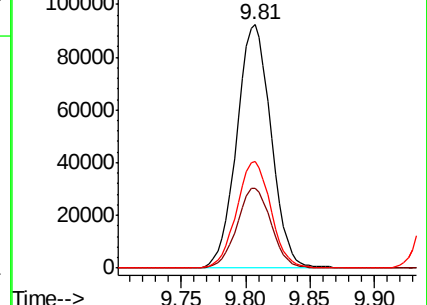
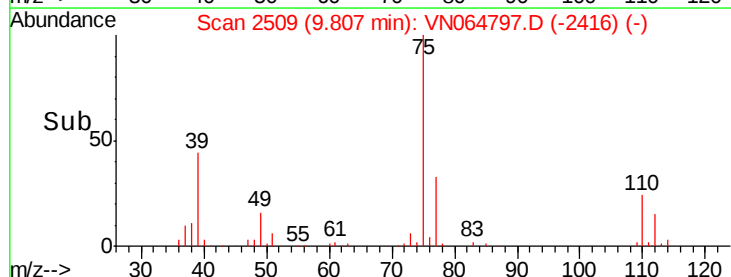
39 43.7 35.6 53.4

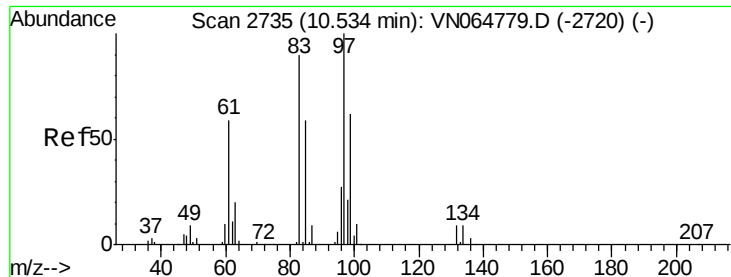


Abundance Ion 74.90 (74.60 to 75.60): VN064797.D (-2416) (-)

Ion 76.90 (76.60 to 77.60): VN064797.D (-2416) (-)

Ion 39.00 (38.70 to 39.70): VN064797.D (-2416) (-)





#55

1,1,2-Trichloroethane

Concen: 48.060 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 104941

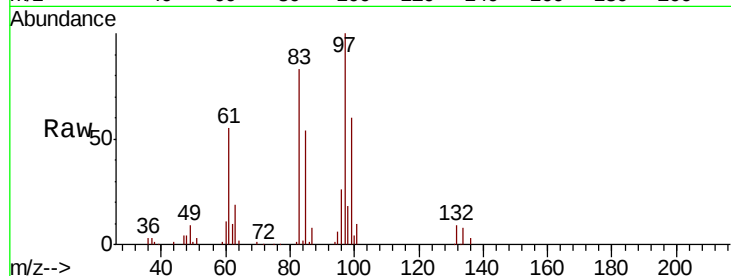
Ion Ratio Lower Upper

97 100

83 83.2 72.1 108.1

85 53.7 46.8 70.2

99 60.1 49.6 74.4

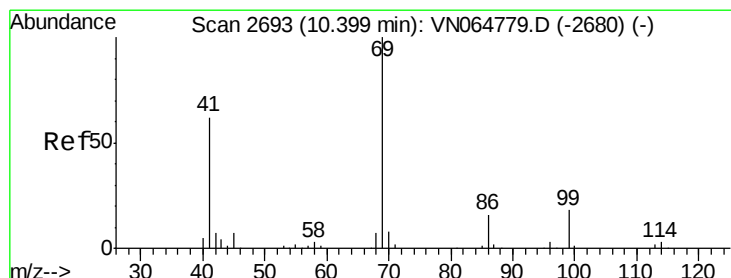
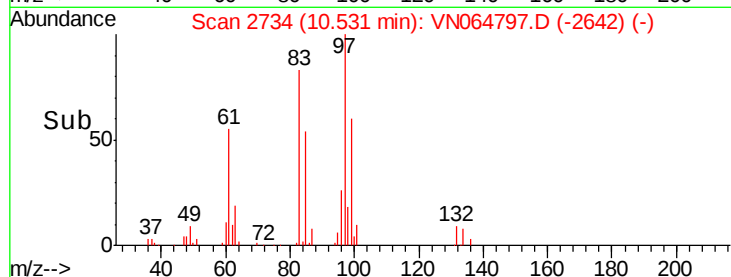
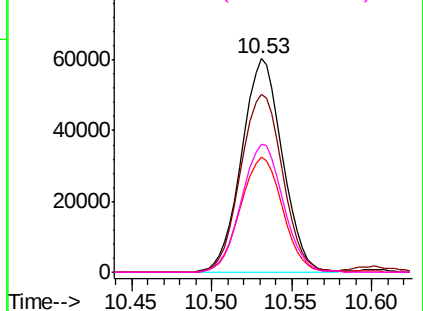


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.039 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

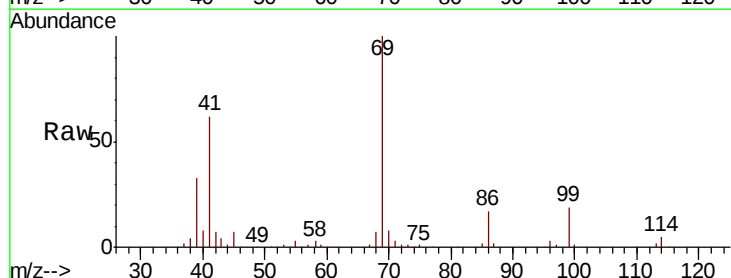
Tgt Ion: 69 Resp: 147764

Ion Ratio Lower Upper

69 100

41 62.8 49.4 74.0

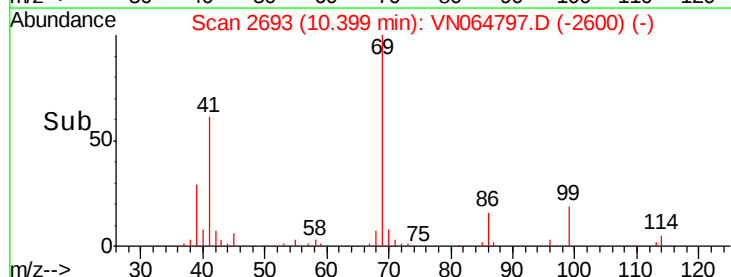
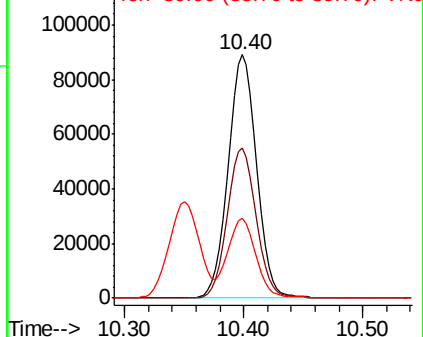
39 32.1 25.9 38.9

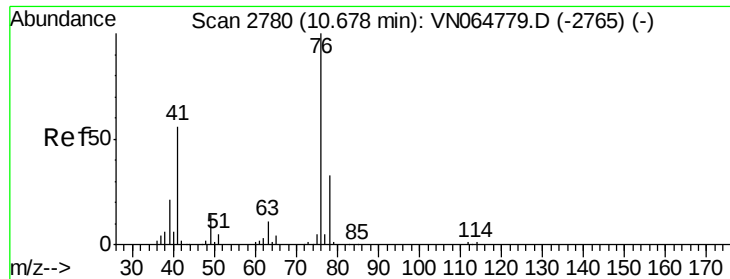


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 47.809 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

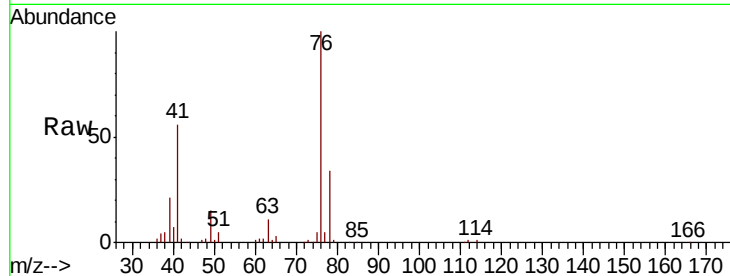
VSTDCCC050EC

Tot Ion: 76 Resp: 172205

Ion Ratio Lower Upper

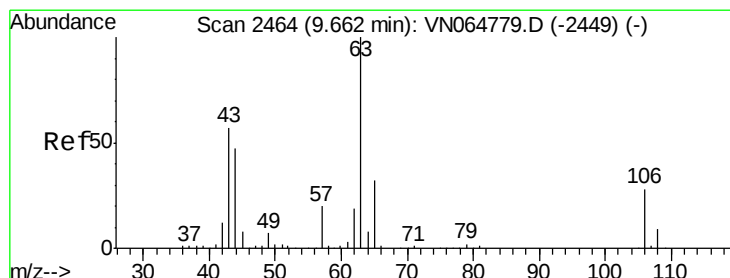
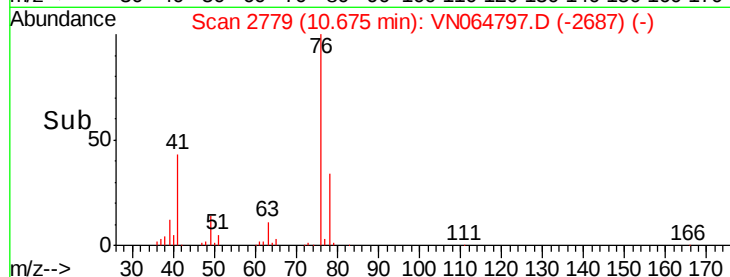
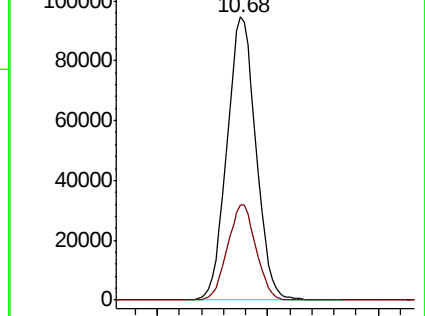
76 100

78 33.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 249.927 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064797.D

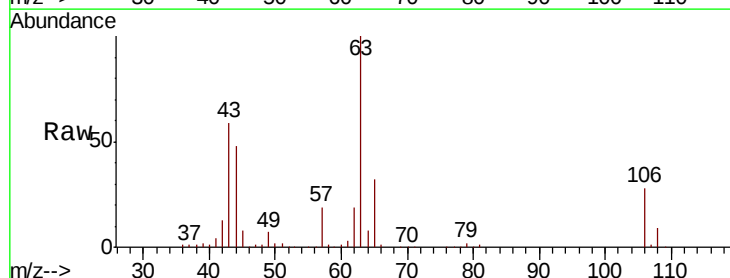
Acq: 24 Nov 2020 1:57

Tgt Ion: 63 Resp: 414249

Ion Ratio Lower Upper

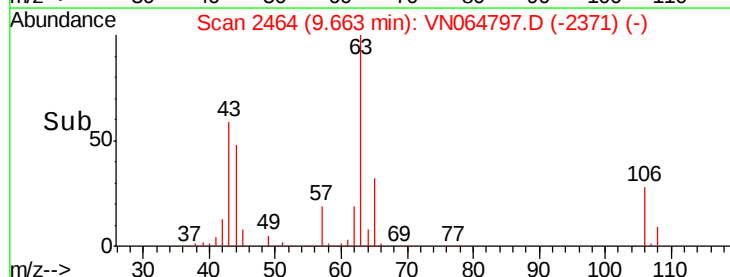
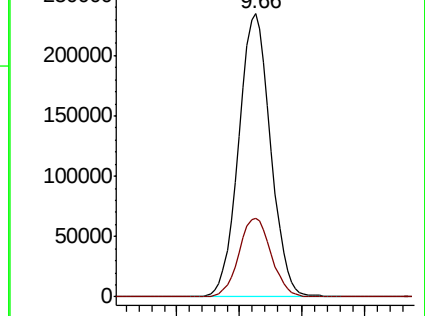
63 100

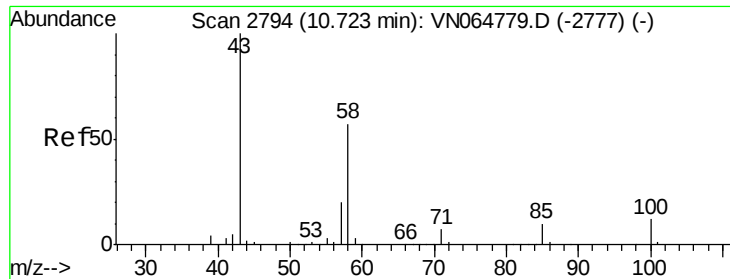
106 28.3 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

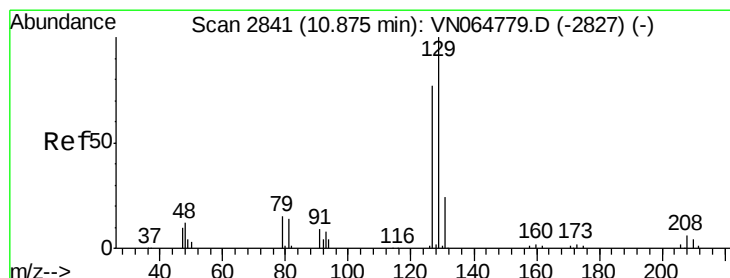
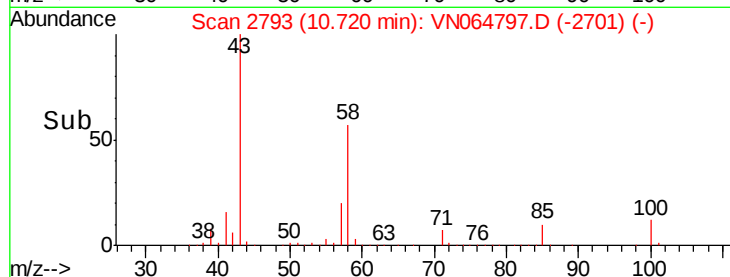
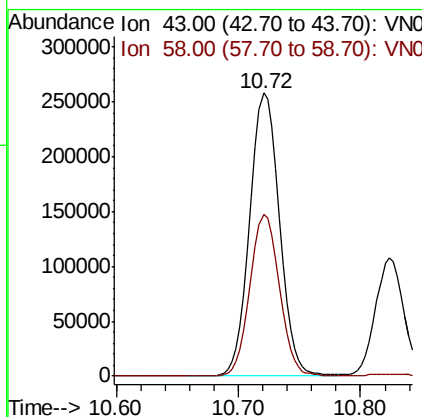
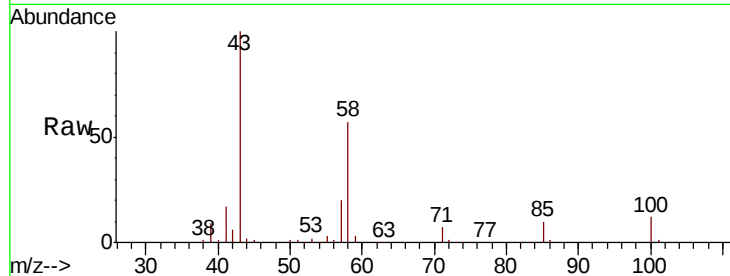




#59
2-Hexanone
Concen: 230.758 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

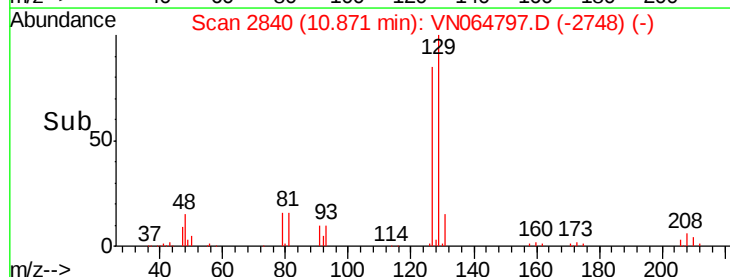
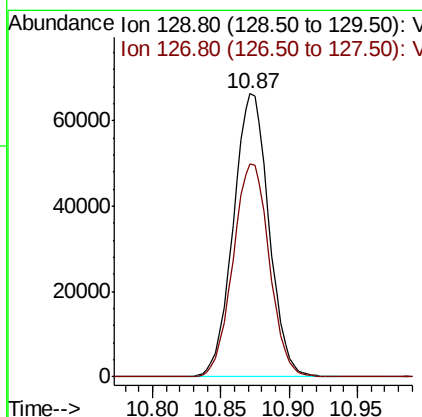
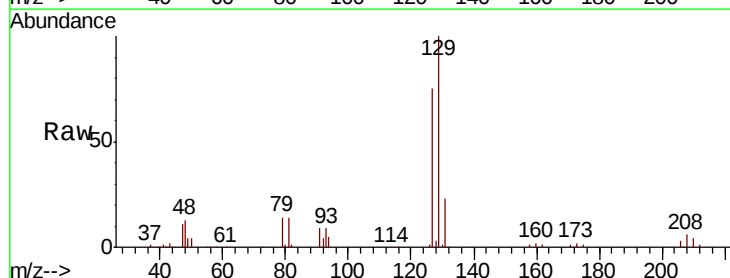
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 434842
Ion Ratio Lower Upper
43 100
58 56.6 28.3 84.9



#60
Dibromochloromethane
Concen: 49.520 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 129 Resp: 120194
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.473 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

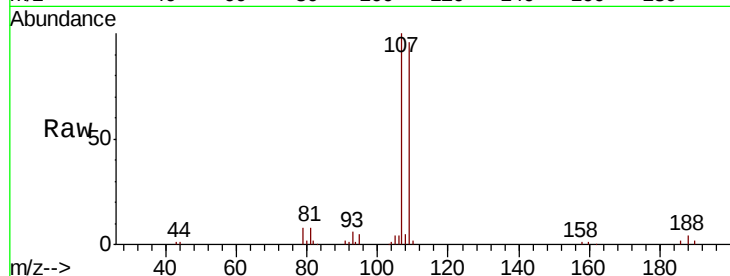
VSTDCCC050EC

Tot Ion: 107 Resp: 107533

Ion Ratio Lower Upper

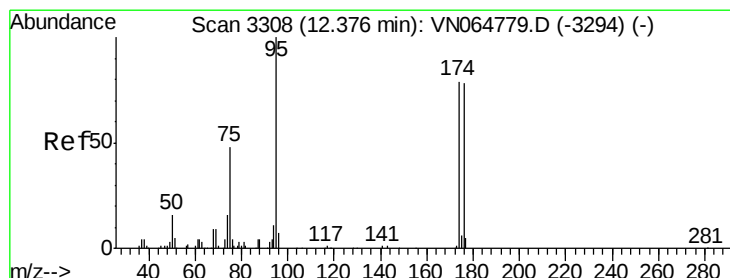
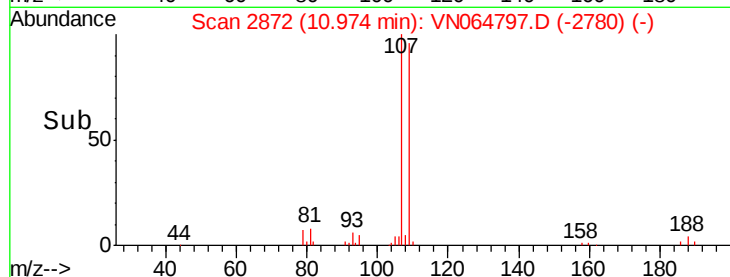
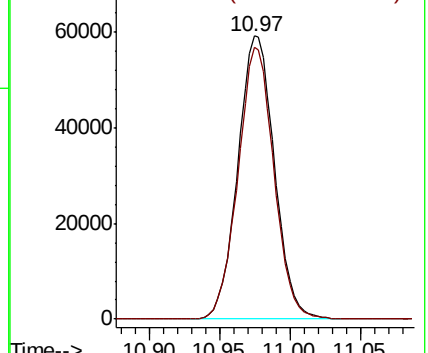
107 100

109 94.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.943 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

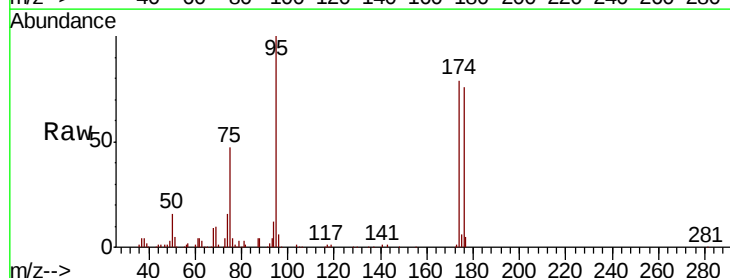
Tgt Ion: 95 Resp: 130000

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.4

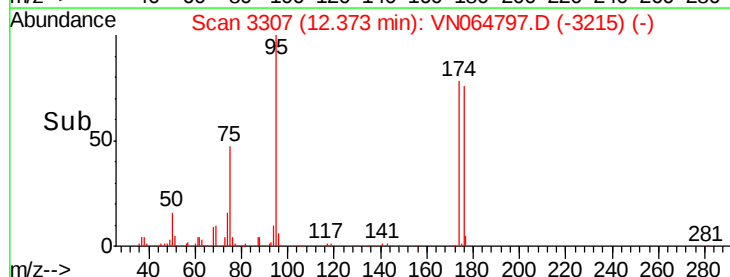
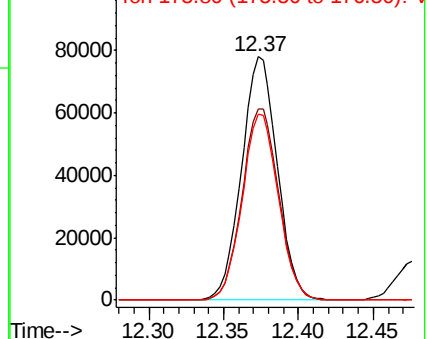
176 77.5 0.0 158.4

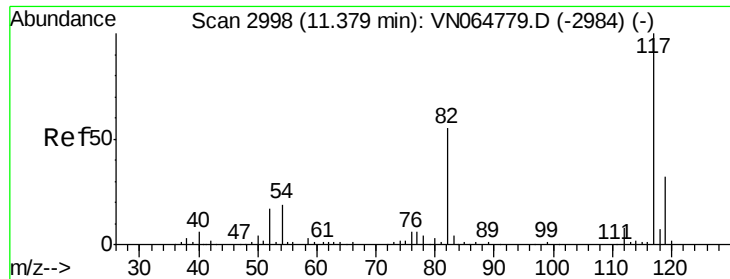


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

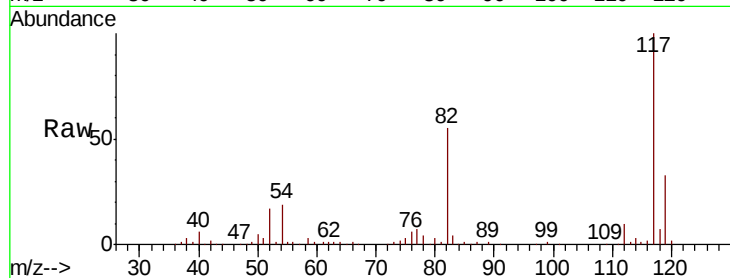
Tot Ion:117 Resp: 279010

Ion Ratio Lower Upper

117 100

82 54.5 44.2 66.2

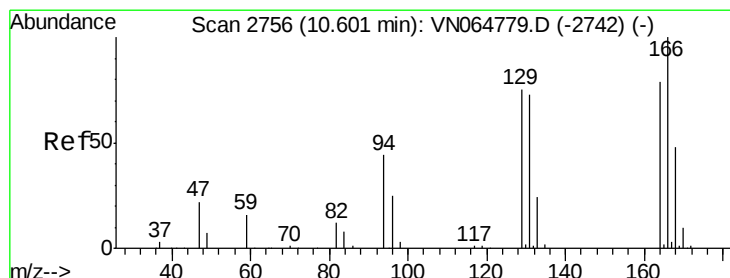
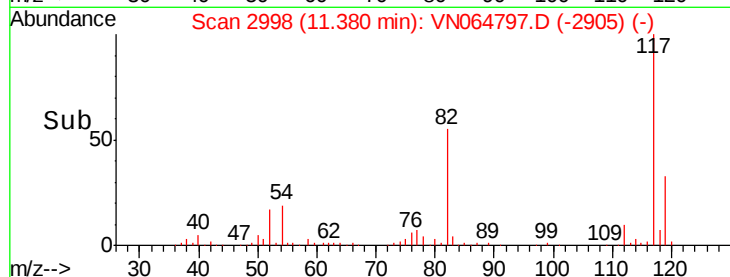
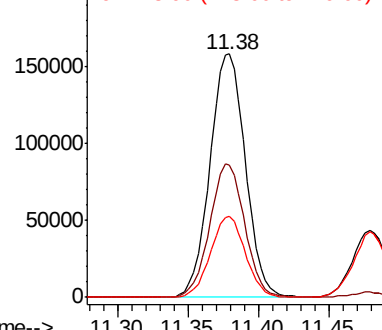
119 33.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.196 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion:164 Resp: 125399

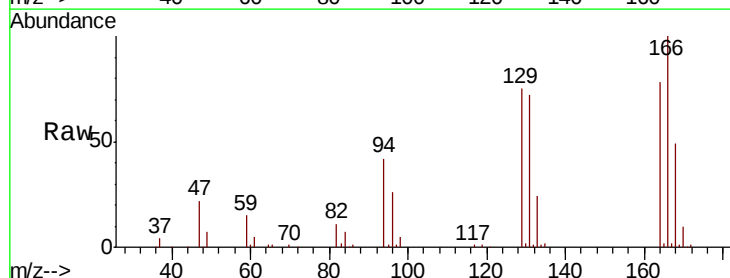
Ion Ratio Lower Upper

164 100

166 127.8 101.4 152.0

129 95.9 76.1 114.1

131 92.5 74.2 111.2

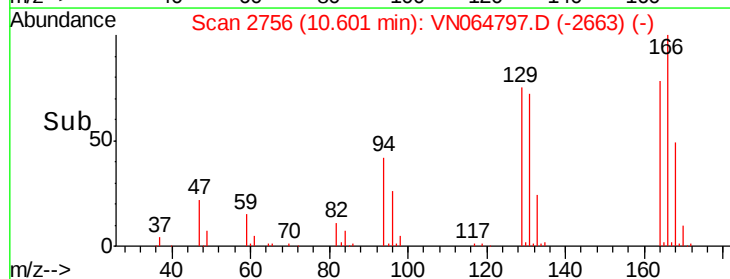
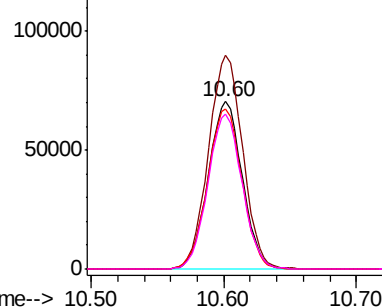


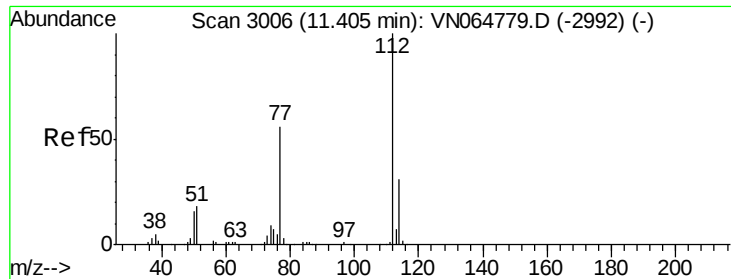
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

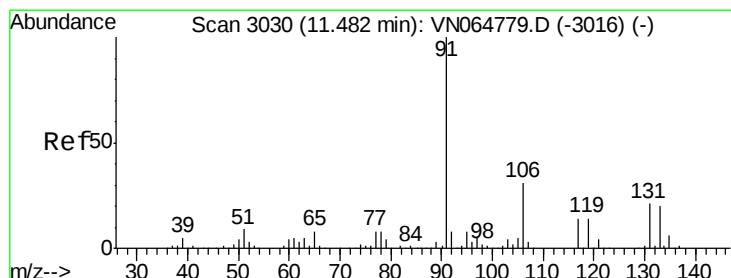
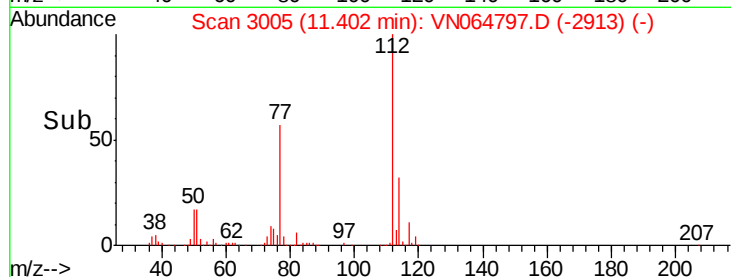
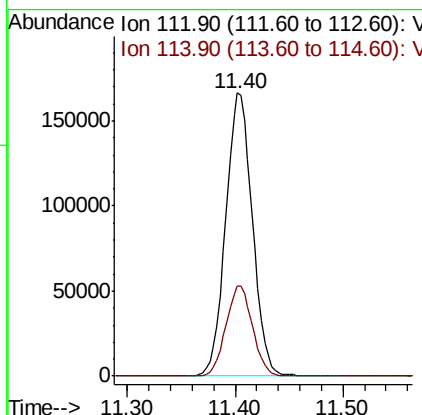
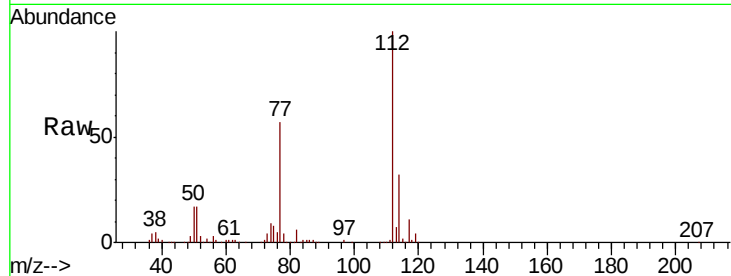




#65
Chlorobenzene
Concen: 47.791 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

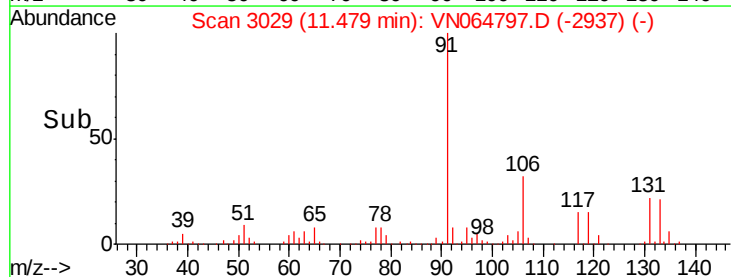
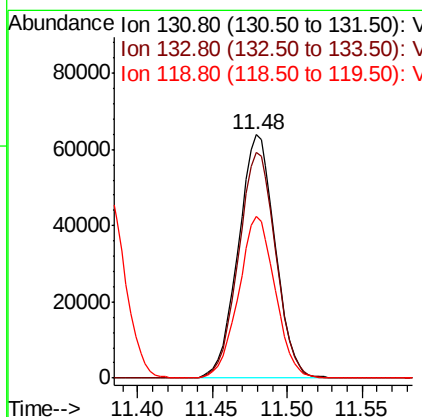
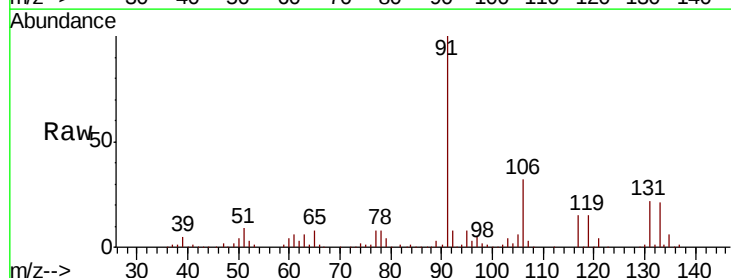
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

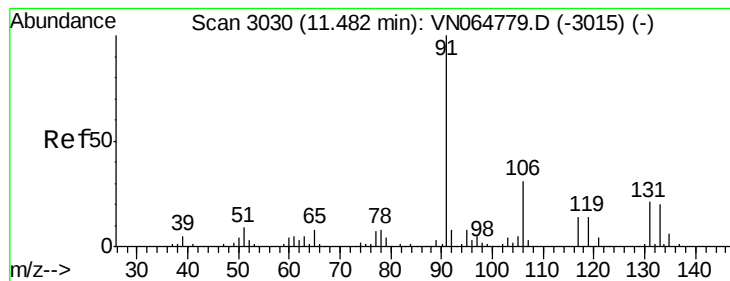
Tot Ion:112 Resp: 286345
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.678 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion:131 Resp: 109389
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.5
119 65.6 33.3 99.8





#67

Ethyl Benzene

Concen: 48.861 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

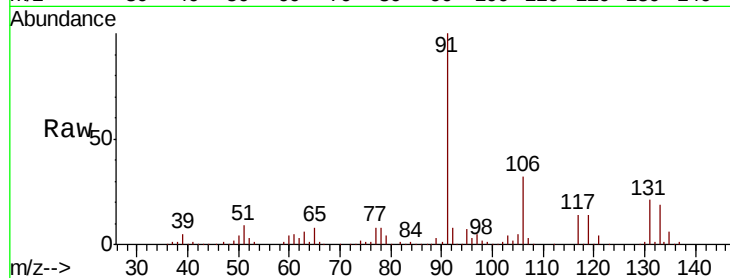
VSTDCCC050EC

Tot Ion: 91 Resp: 489075

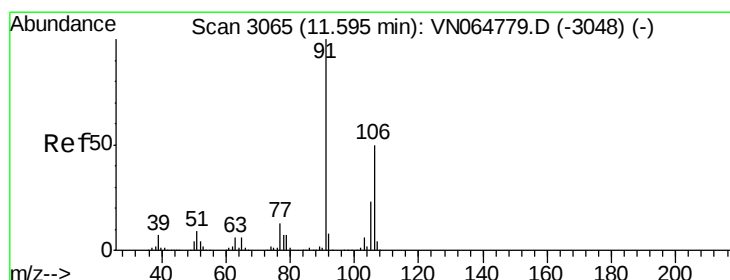
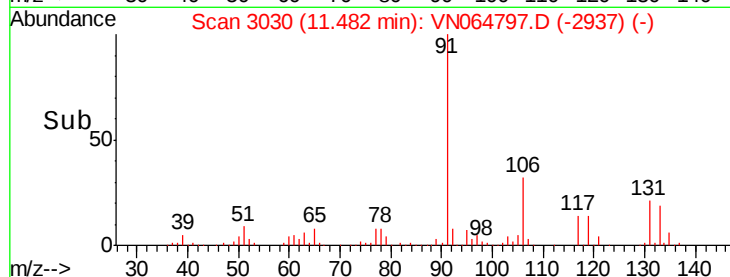
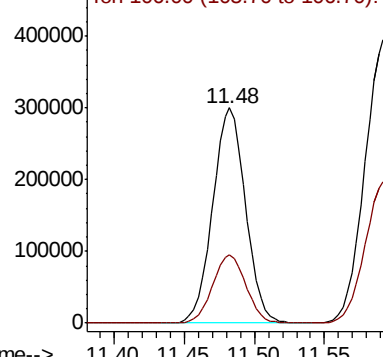
Ion Ratio Lower Upper

91 100

106 31.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3015) (-)



#68

m/p-Xylenes

Concen: 100.726 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN064797.D

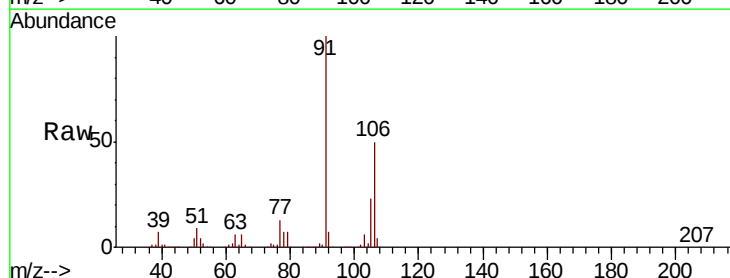
Acq: 24 Nov 2020 1:57

Tgt Ion: 106 Resp: 381717

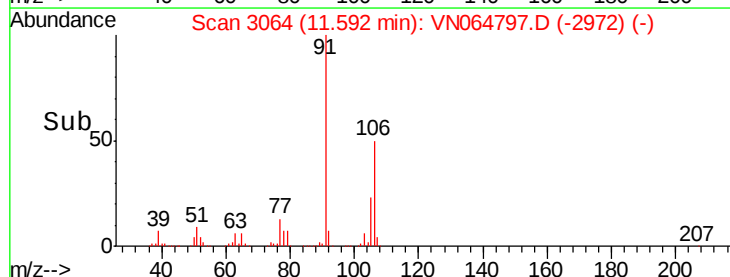
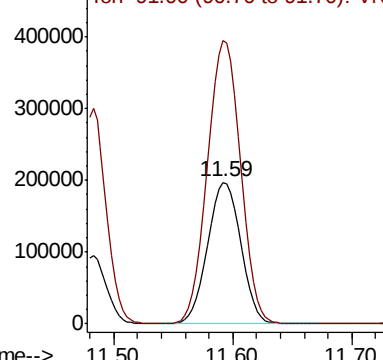
Ion Ratio Lower Upper

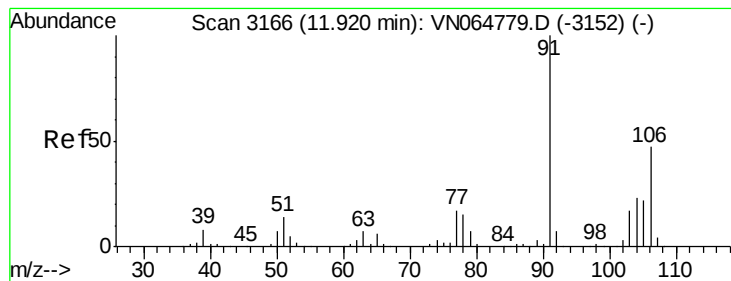
106 100

91 199.3 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VN064779.D (-3048) (-)





#69

o-Xylene

Concen: 51.085 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampled :

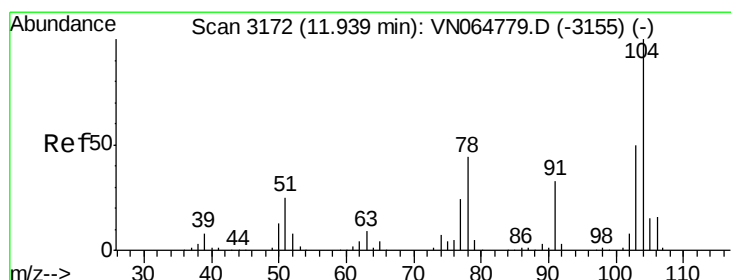
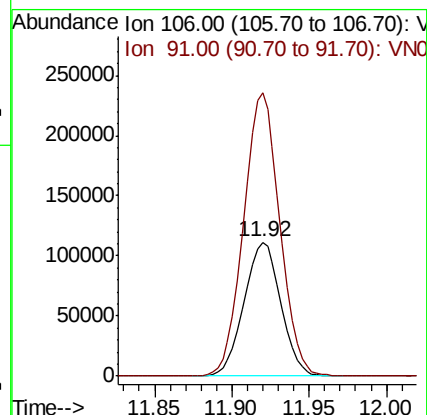
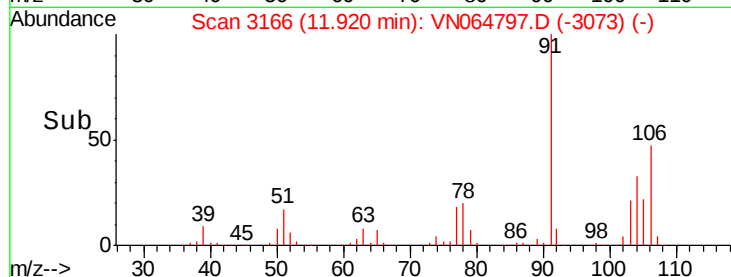
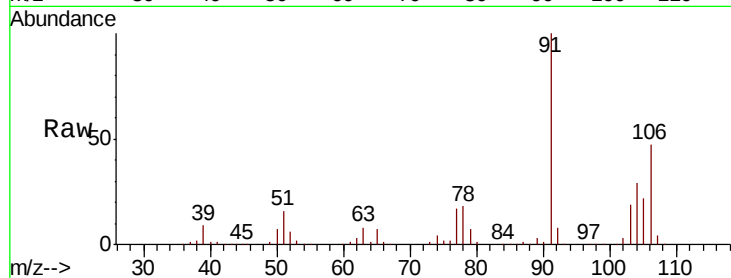
VSTDCCC050EC

Tot Ion:106 Resp: 183712

Ion Ratio Lower Upper

106 100

91 209.1 105.5 316.5



#70

Styrene

Concen: 51.794 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

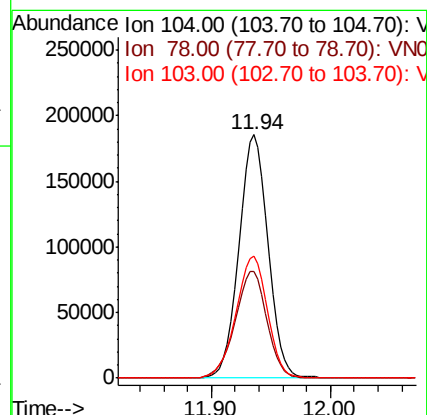
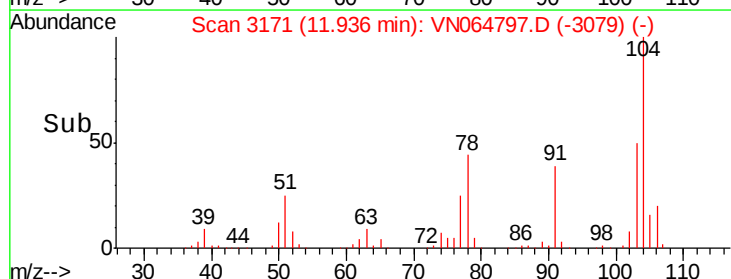
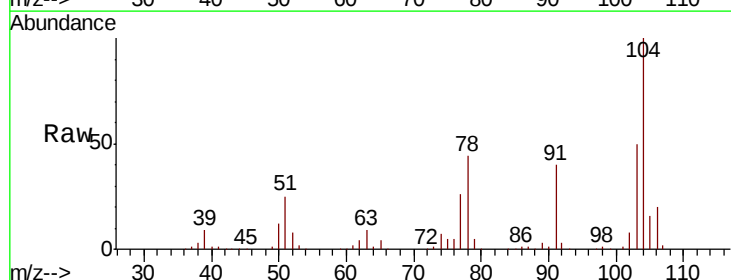
Tgt Ion:104 Resp: 314441

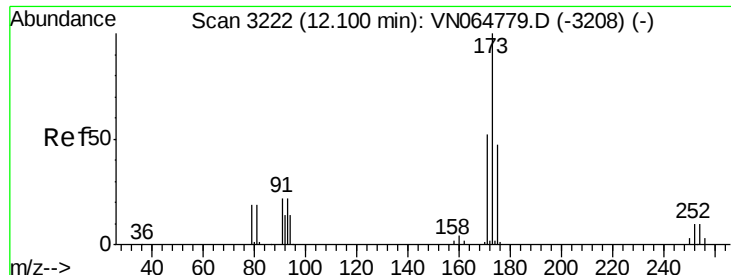
Ion Ratio Lower Upper

104 100

78 48.0 39.0 58.6

103 54.3 44.3 66.5

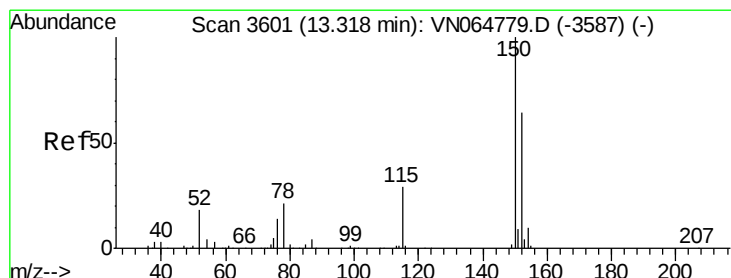
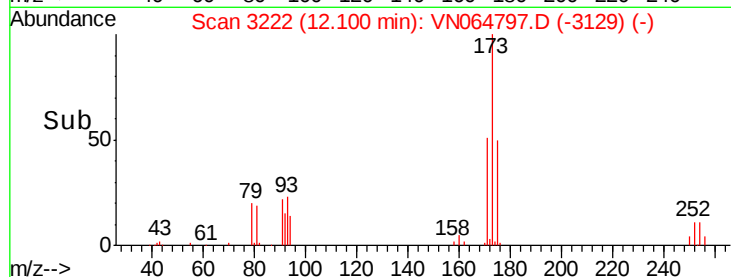
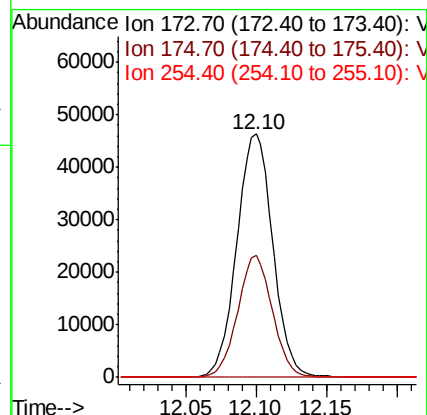
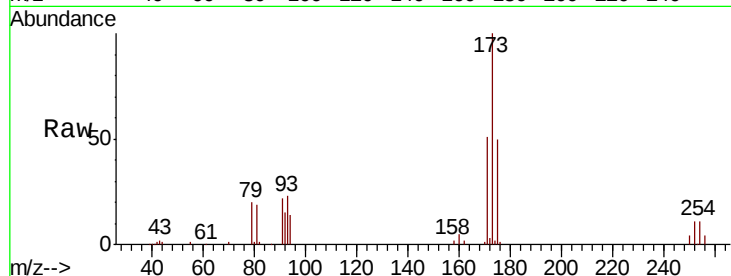




#71
Bromoform
Concen: 47.169 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

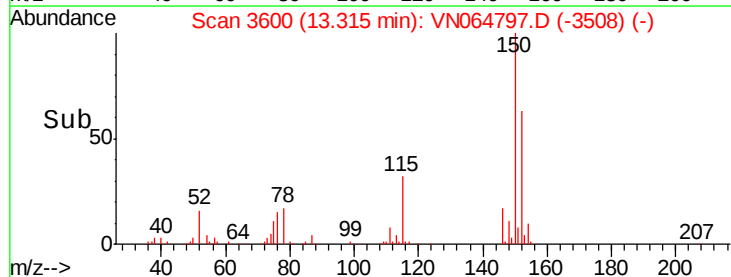
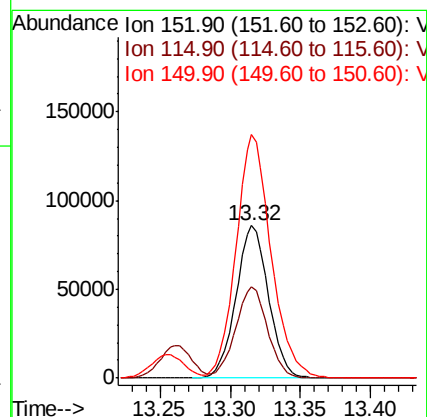
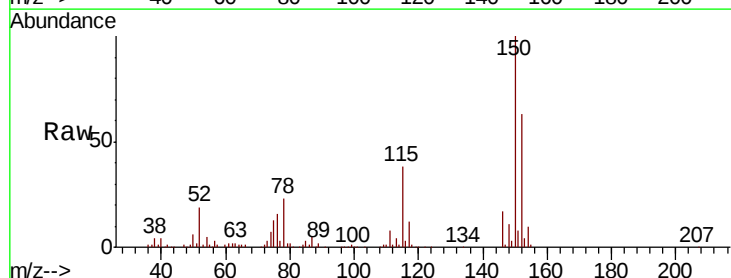
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

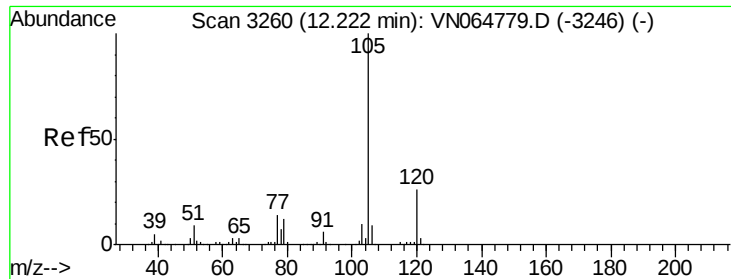
Tot Ion:173 Resp: 82957
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion:152 Resp: 138486
Ion Ratio Lower Upper
152 100
115 59.0 29.7 89.1
150 171.7 0.0 350.6

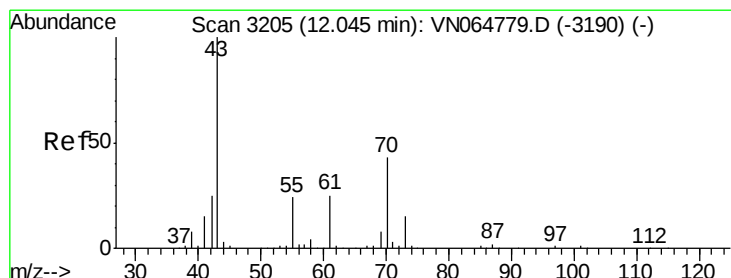
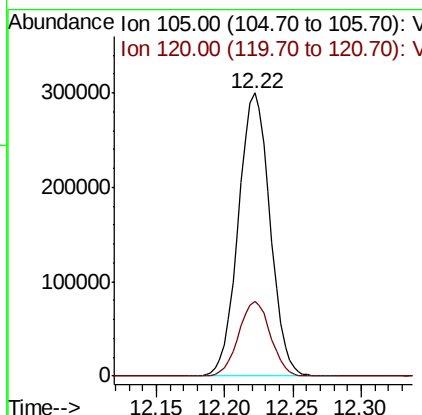
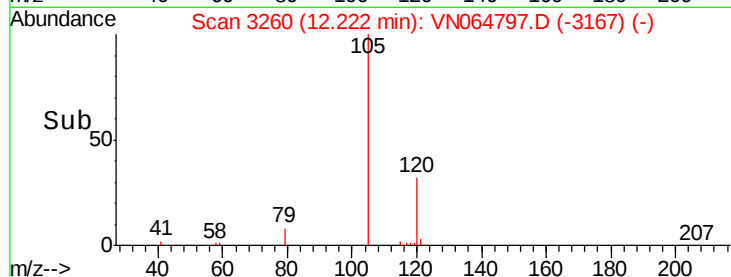
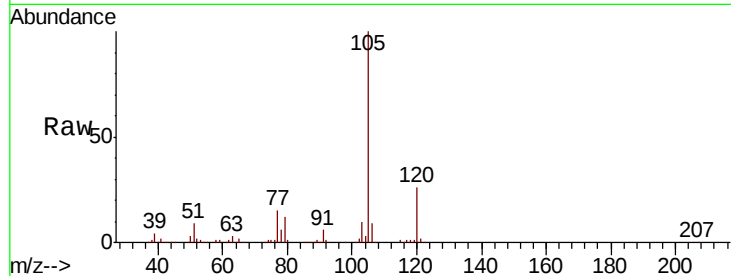




#73
Isopropylbenzene
Concen: 50.182 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

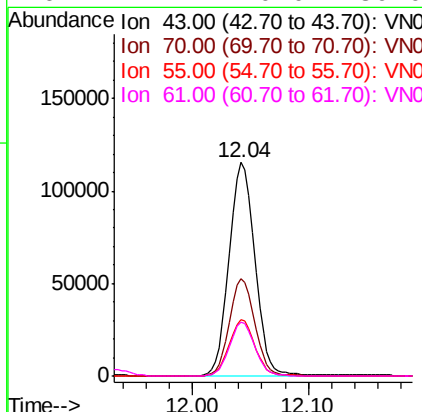
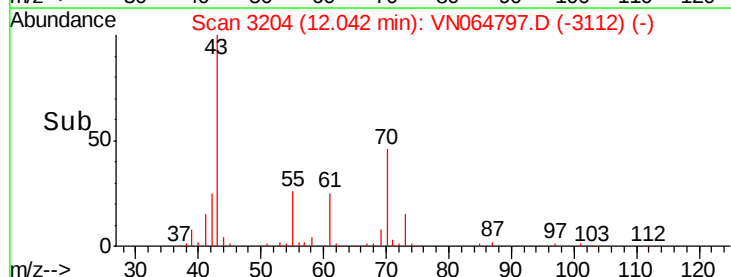
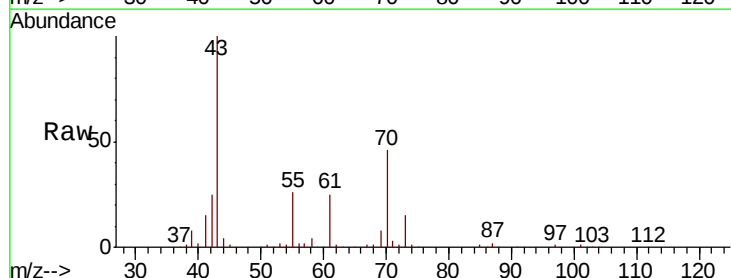
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

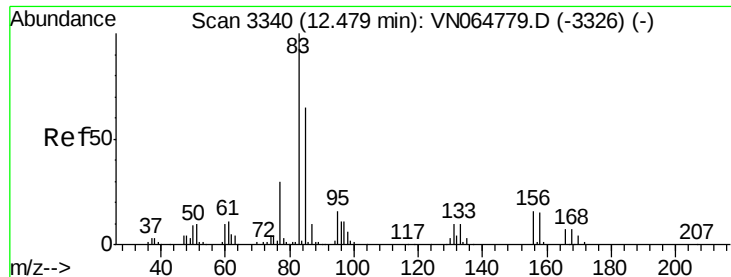
Tot Ion:105 Resp: 483385
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 47.109 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 43 Resp: 178581
Ion Ratio Lower Upper
43 100
70 44.6 34.5 51.7
55 26.1 20.4 30.6
61 24.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.866 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

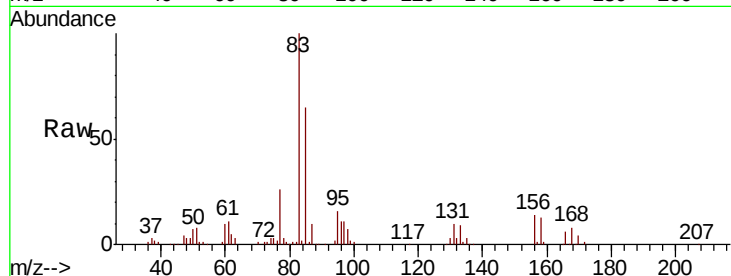
Tot Ion: 83 Resp: 129498

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

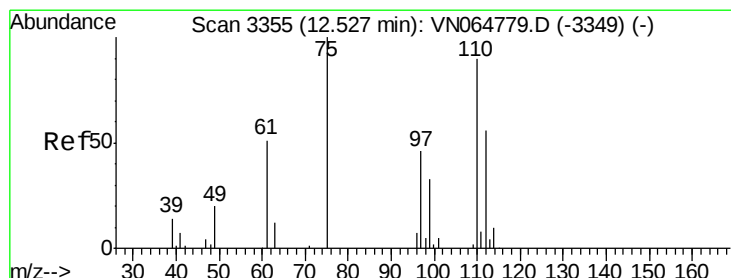
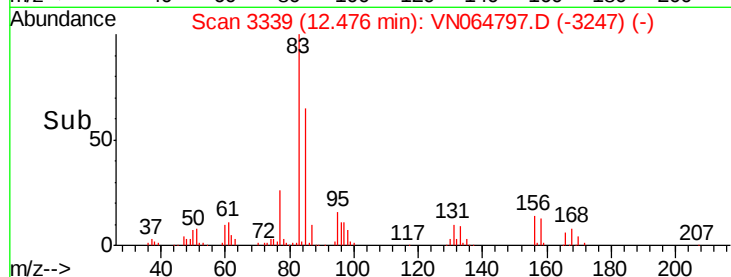
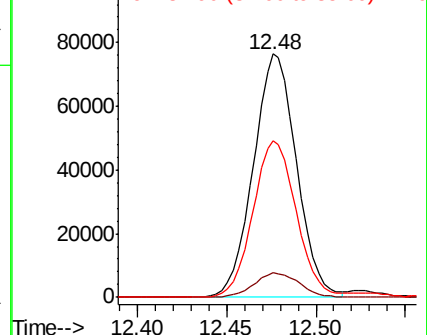
85 64.5 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 62.489 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064797.D

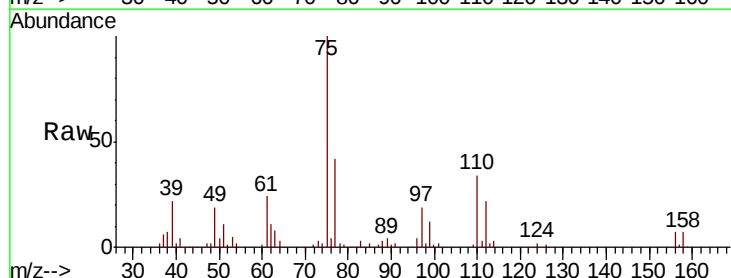
Acq: 24 Nov 2020 1:57

Tgt Ion: 75 Resp: 186368

Ion Ratio Lower Upper

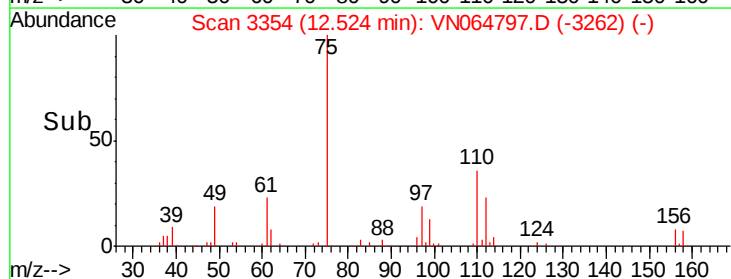
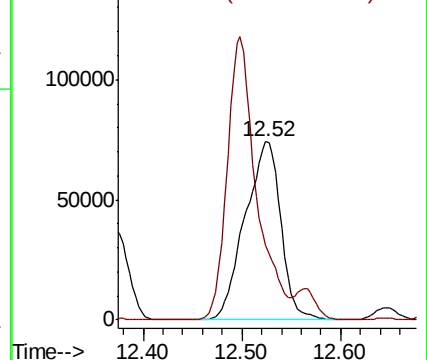
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.402 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

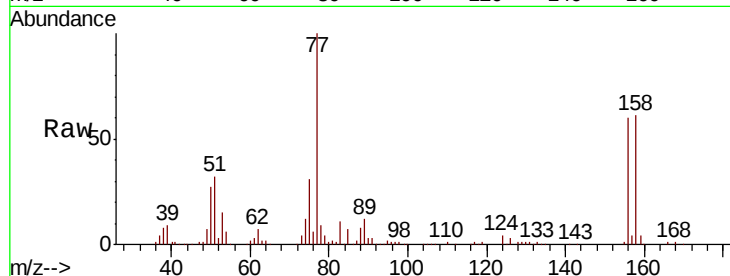
Tot Ion:156 Resp: 123100

Ion Ratio Lower Upper

156 100

77 199.1 101.3 303.7

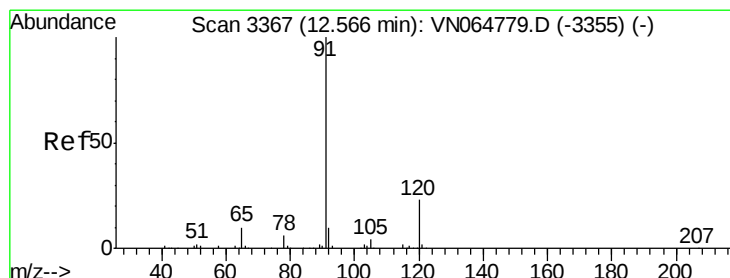
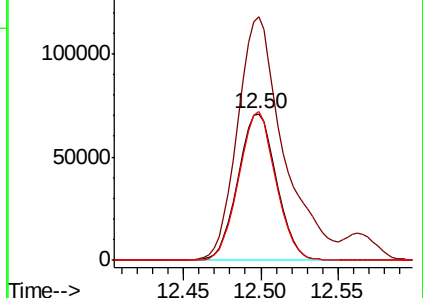
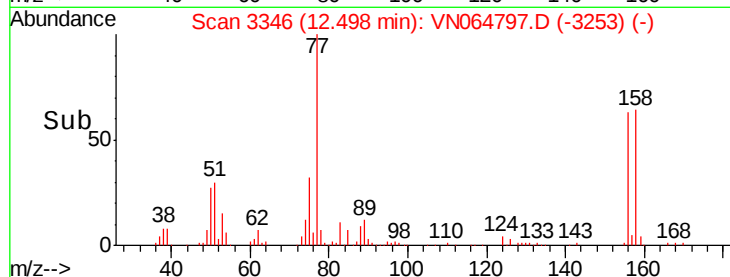
158 97.7 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.587 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064797.D

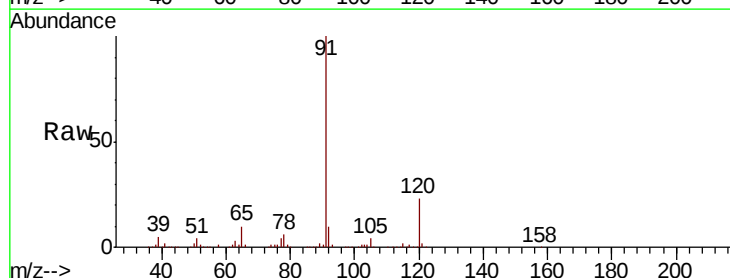
Acq: 24 Nov 2020 1:57

Tgt Ion: 91 Resp: 544144

Ion Ratio Lower Upper

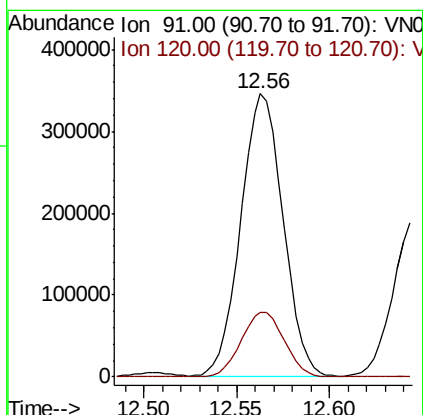
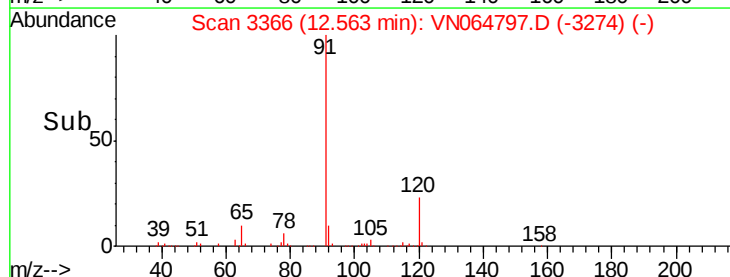
91 100

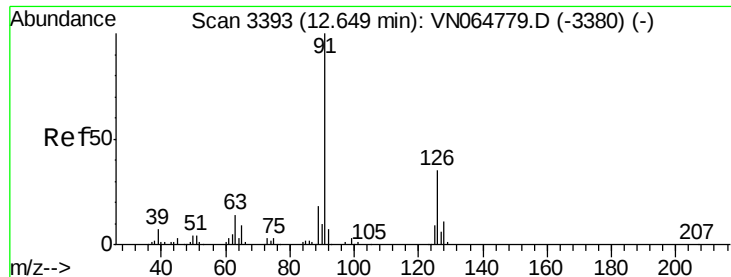
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.642 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

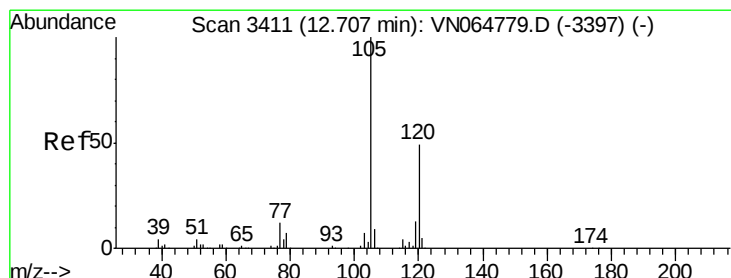
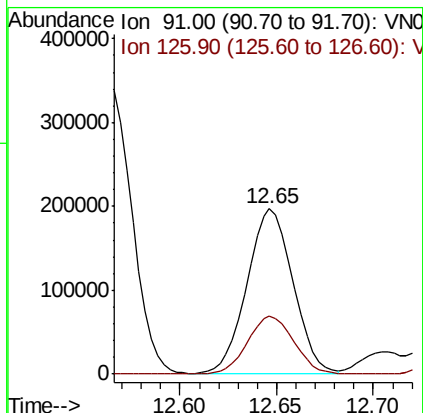
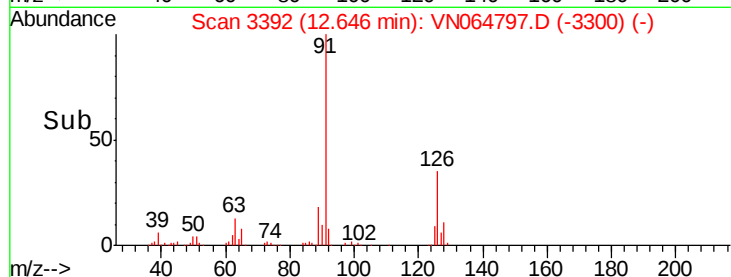
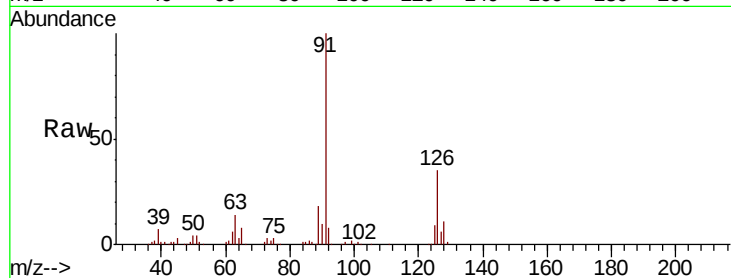
VSTDCCC050EC

Tot Ion: 91 Resp: 323163

Ion Ratio Lower Upper

91 100

126 35.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 51.295 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064797.D

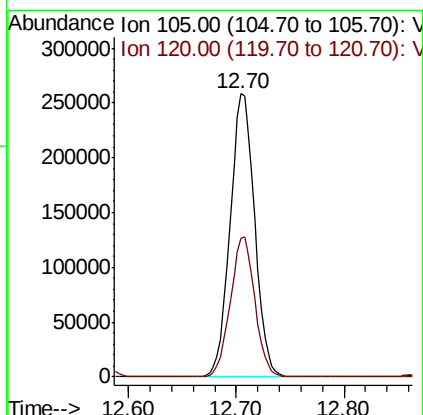
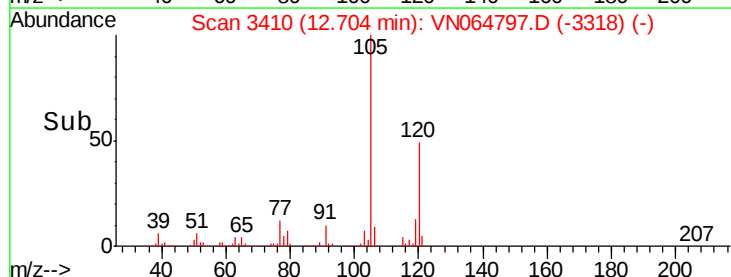
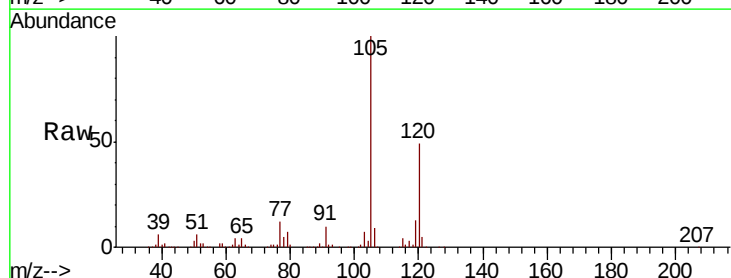
Acq: 24 Nov 2020 1:57

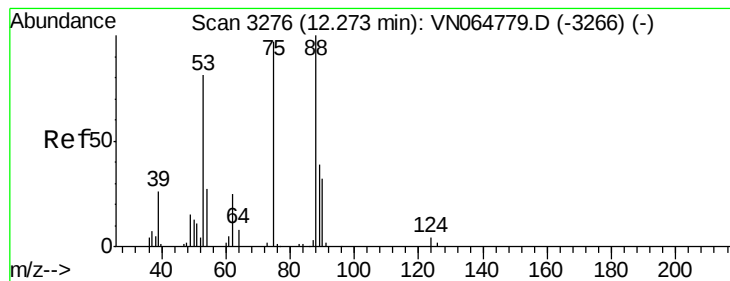
Tgt Ion: 105 Resp: 410700

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 43.649 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

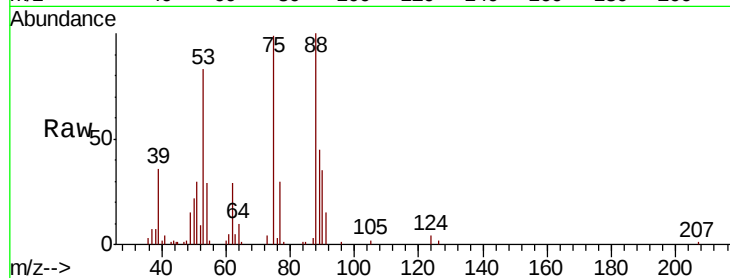
Tot Ion: 75 Resp: 47498

Ion Ratio Lower Upper

75 100

53 84.5 67.0 100.4

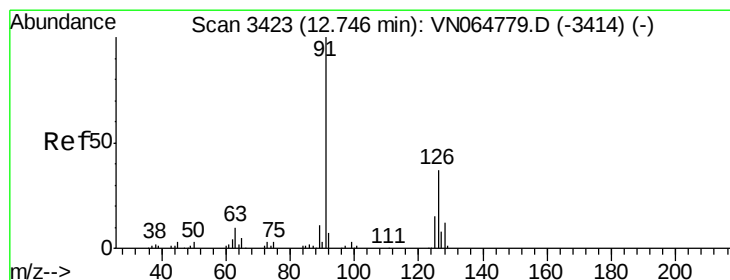
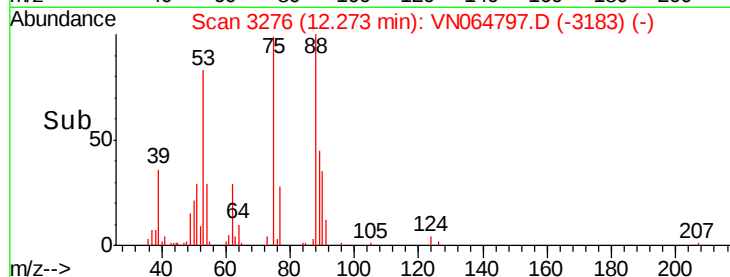
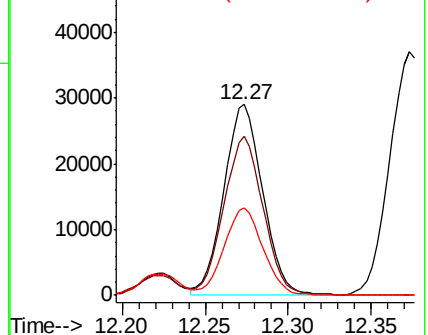
89 45.5 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.903 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064797.D

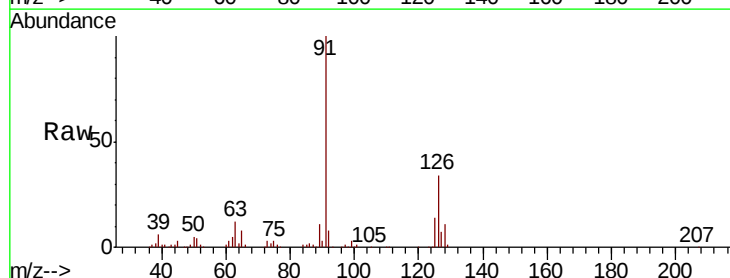
Acq: 24 Nov 2020 1:57

Tgt Ion: 91 Resp: 340594

Ion Ratio Lower Upper

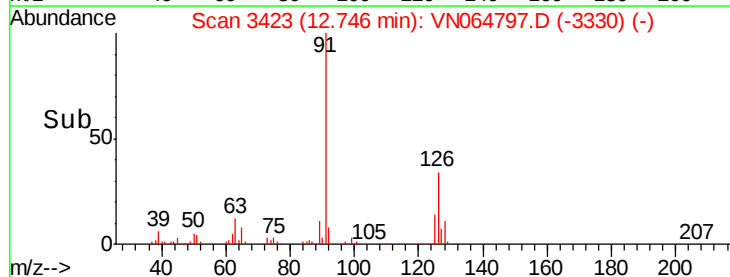
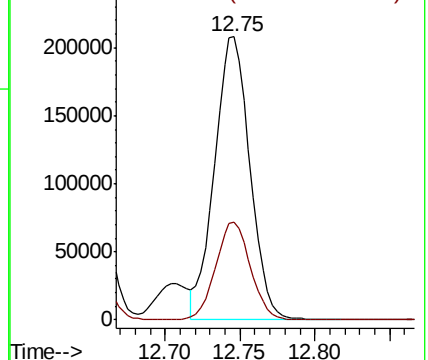
91 100

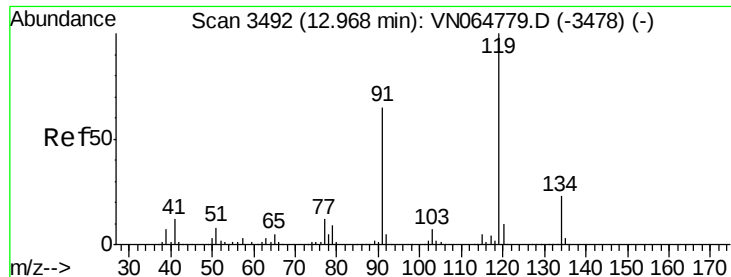
126 34.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

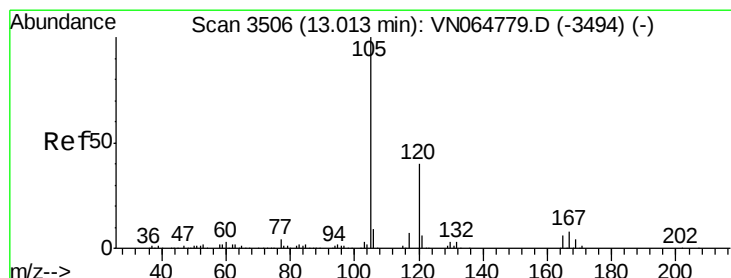
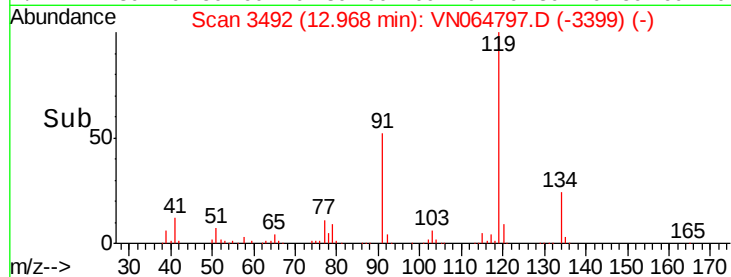
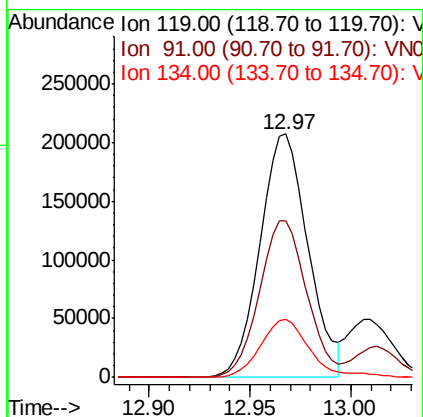
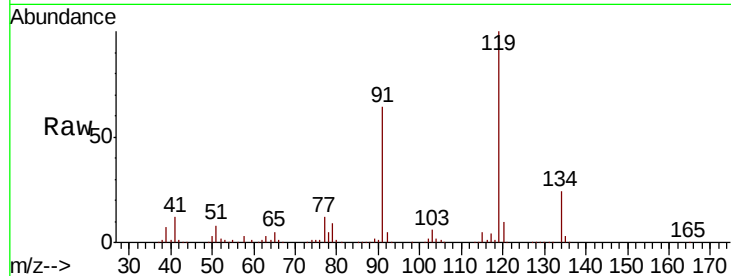




#83
tert-Butylbenzene
Concen: 51.286 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

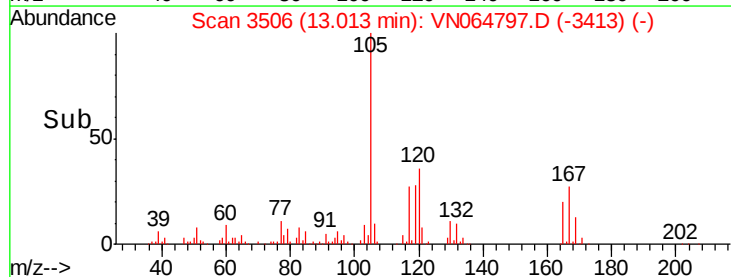
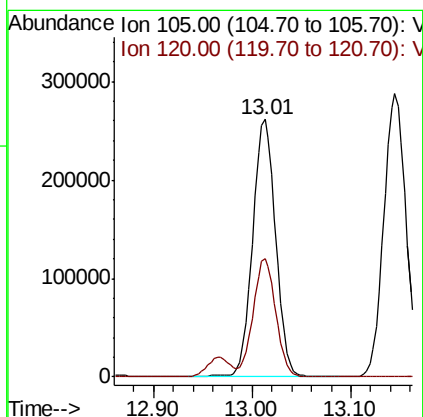
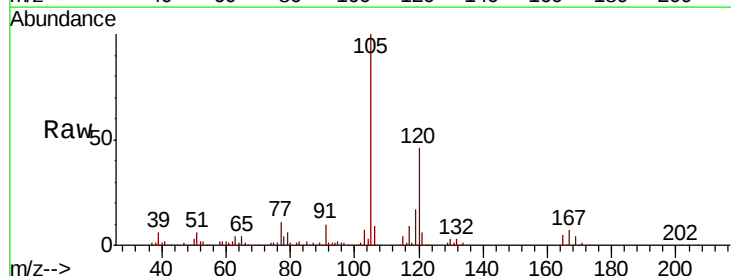
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

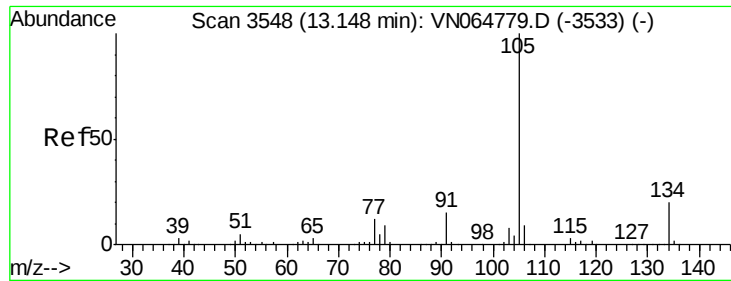
Tot Ion:119 Resp: 344189
Ion Ratio Lower Upper
119 100
91 63.2 32.3 96.8
134 24.4 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 51.835 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion:105 Resp: 419616
Ion Ratio Lower Upper
105 100
120 45.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.626 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

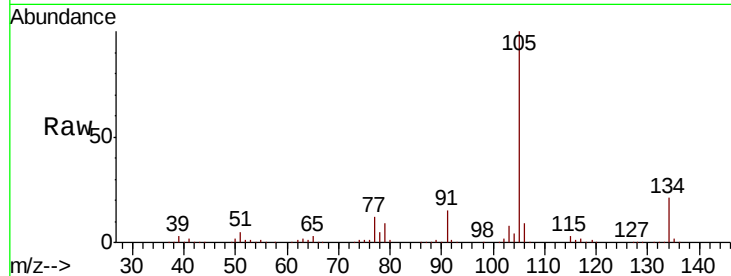
VSTDCCC050EC

Tot Ion:105 Resp: 451109

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

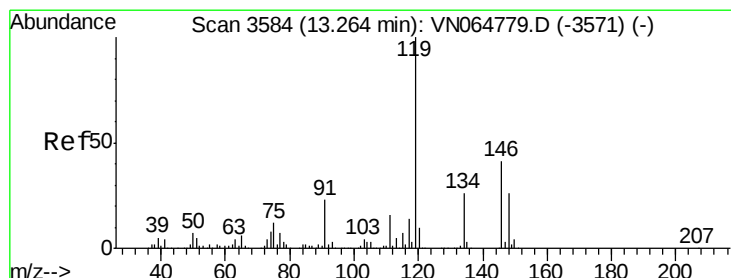
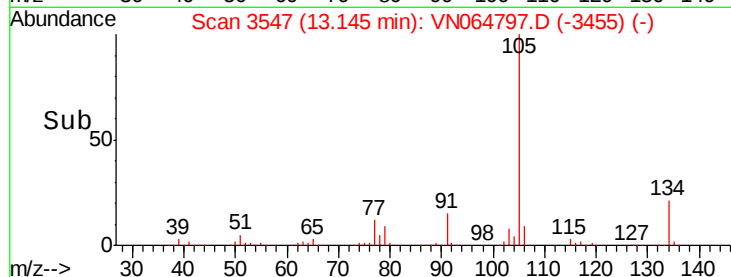
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.925 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

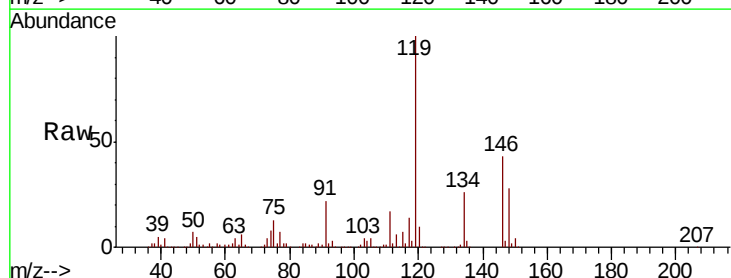
Tgt Ion:119 Resp: 421239

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.7 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

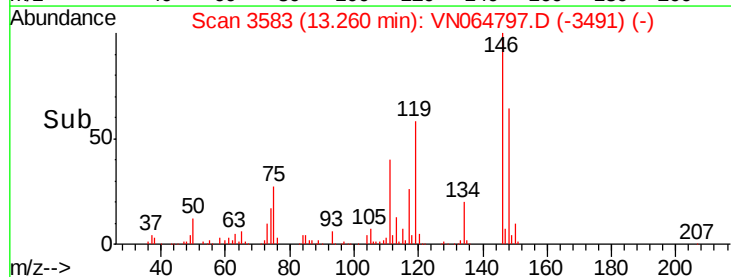
300000

200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.159 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

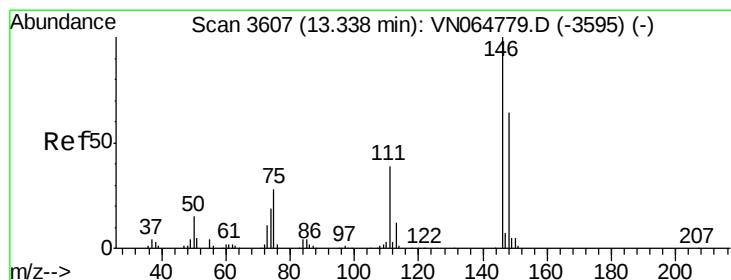
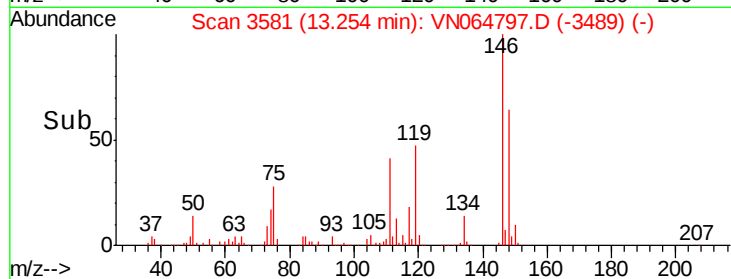
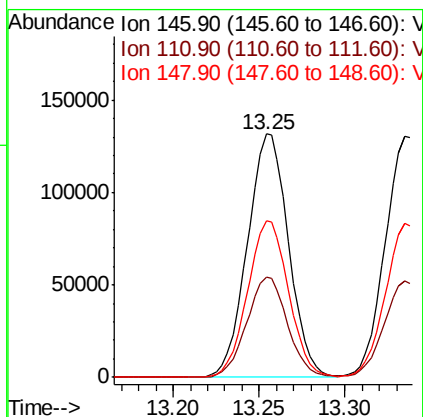
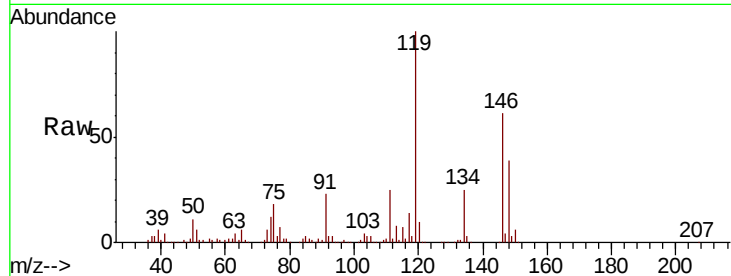
Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 217588

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	64.3	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 44.865 ug/l

RT: 13.33 min Scan# 3606

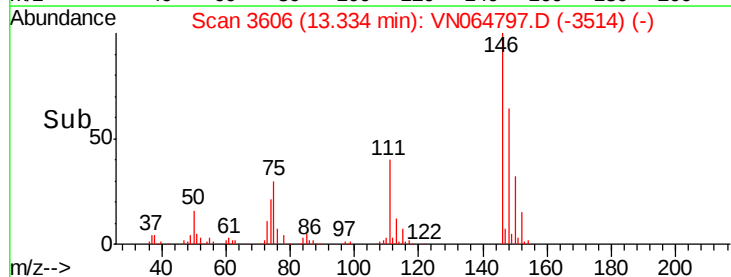
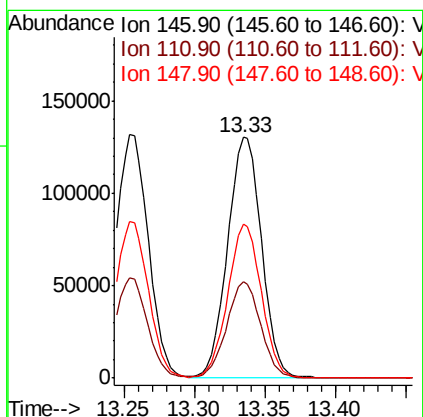
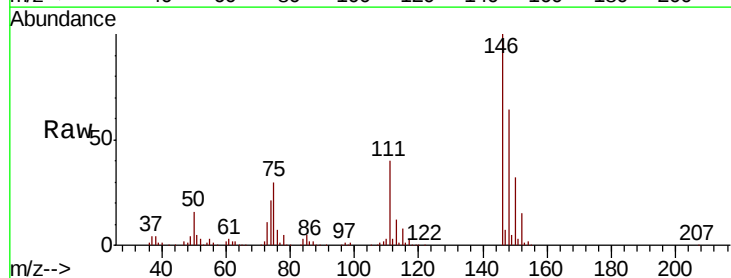
Delta R.T. -0.00 min

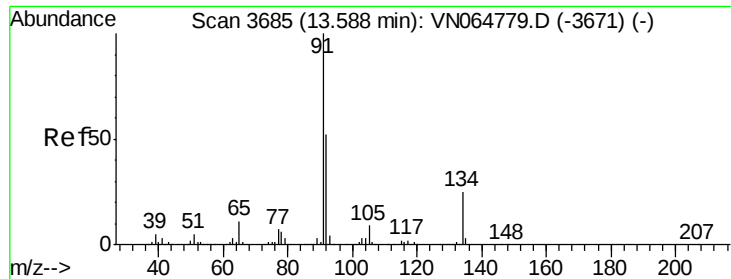
Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion:146 Resp: 218917

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.3
148	63.7	31.9	95.5

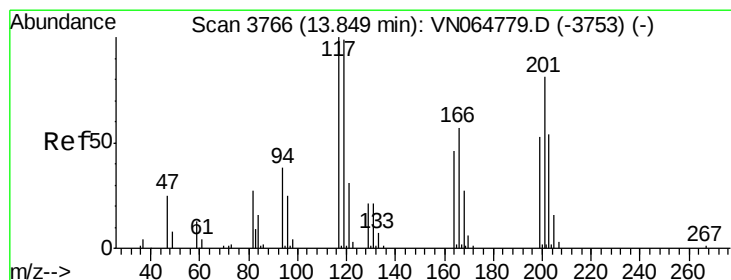
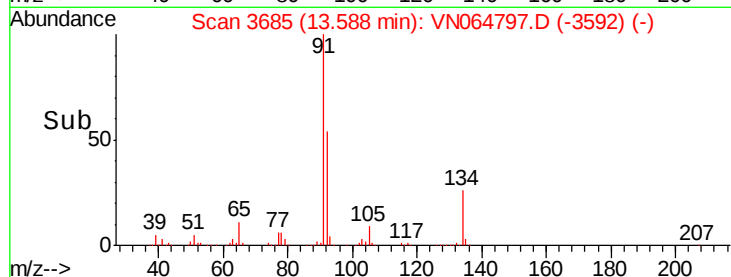
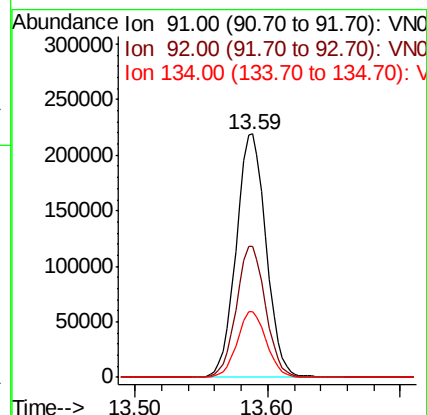
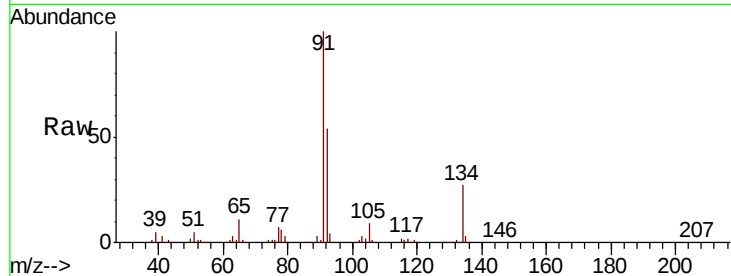




#89
n-Butylbenzene
Concen: 48.205 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

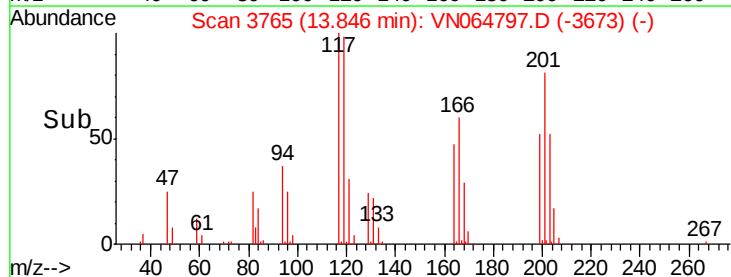
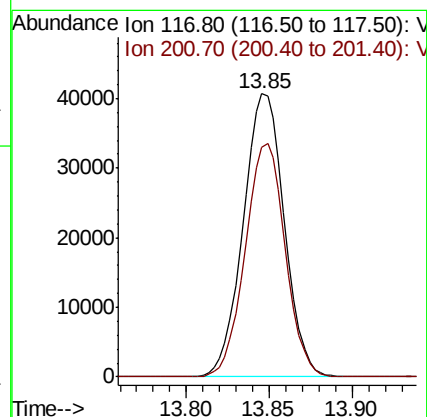
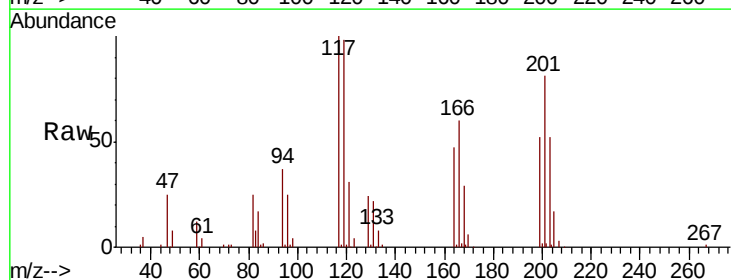
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

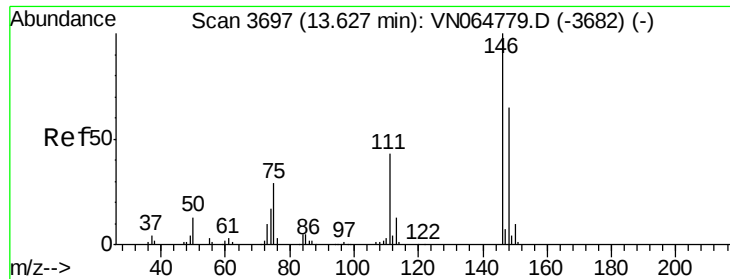
Tot Ion: 91 Resp: 343425
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 26.4 12.9 38.6



#90
Hexachloroethane
Concen: 49.754 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 117 Resp: 70118
Ion Ratio Lower Upper
117 100
201 80.3 40.1 120.3

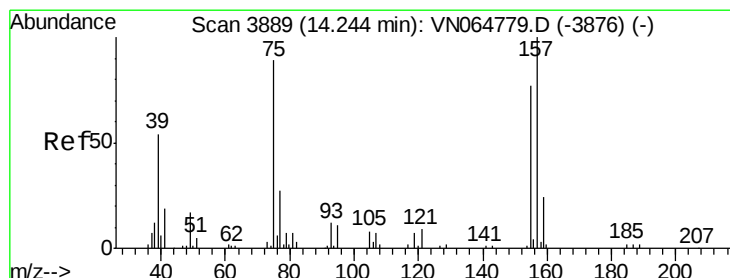
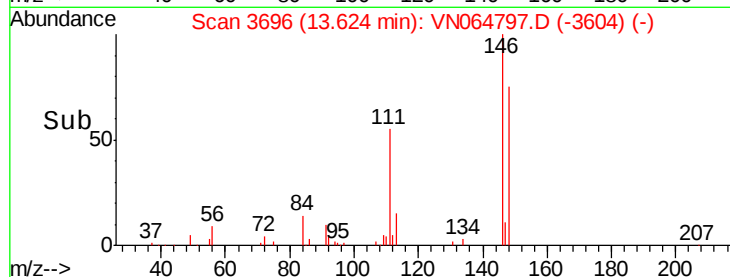
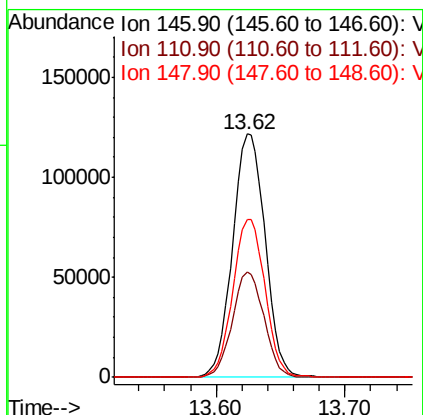
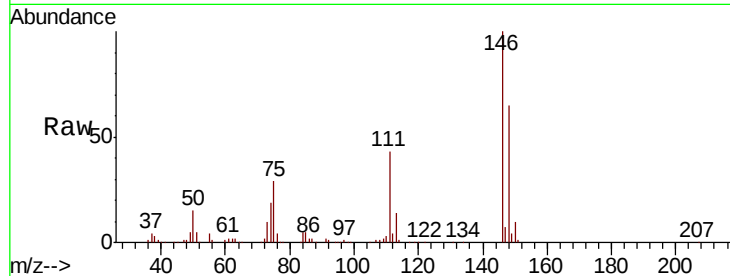




#91
 1,2-Dichlorobenzene
 Concen: 47.131 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

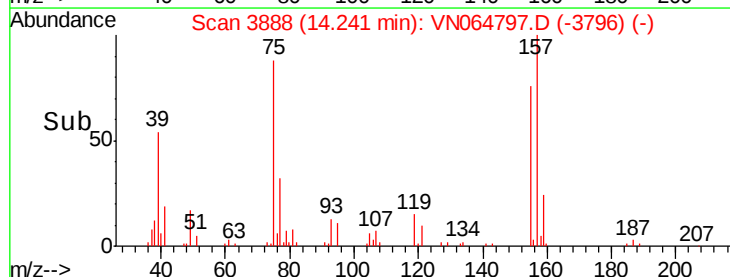
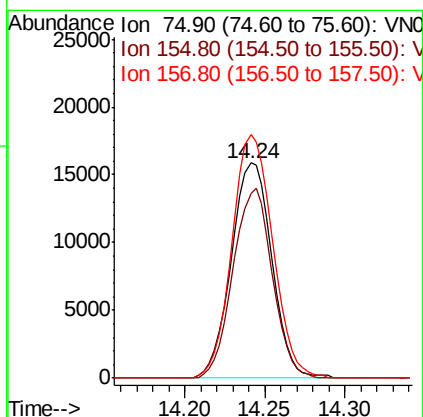
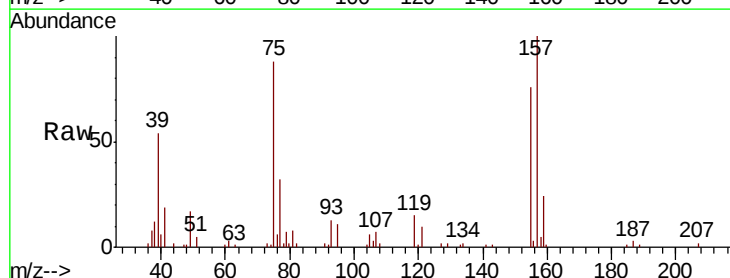
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

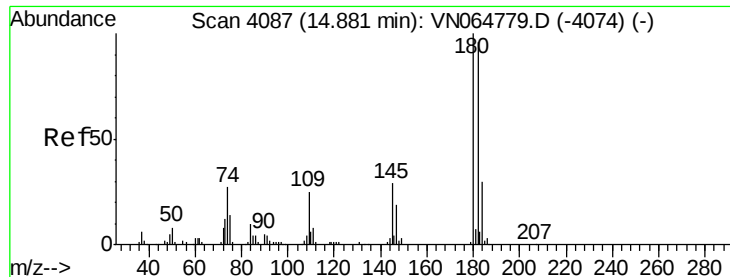
Tot Ion:146 Resp: 213521
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.201 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 75 Resp: 27445
 Ion Ratio Lower Upper
 75 100
 155 85.2 42.8 128.3
 157 113.7 56.4 169.1

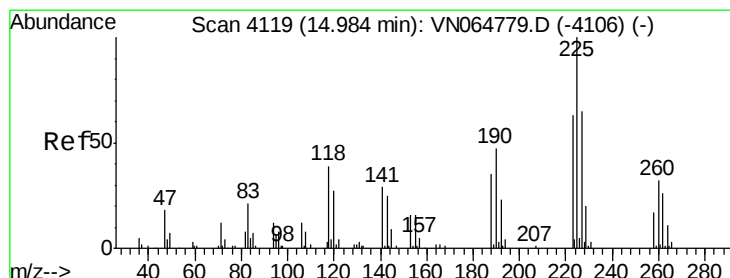
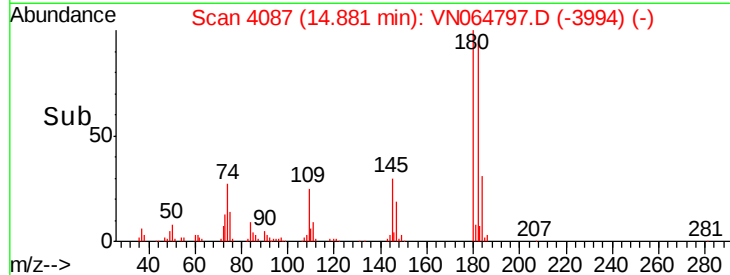
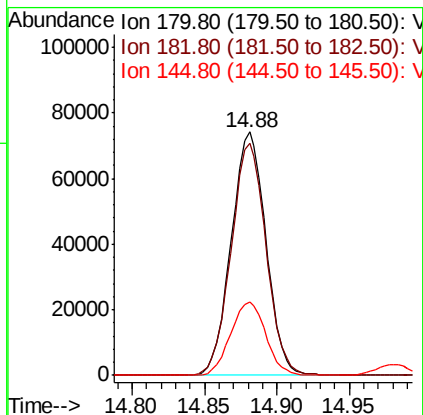
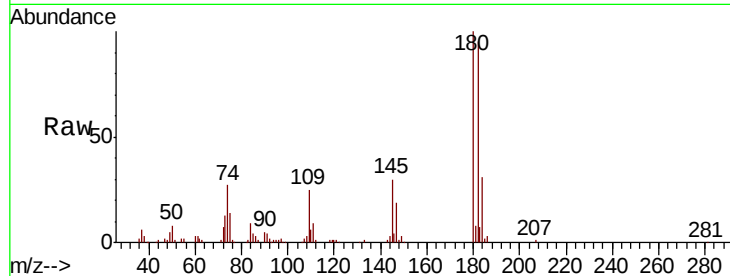




#93
 1,2,4-Trichlorobenzene
 Concen: 43.902 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

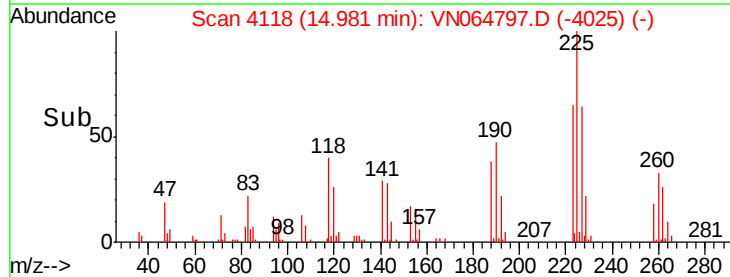
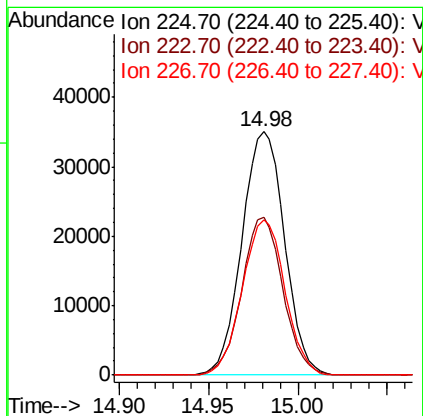
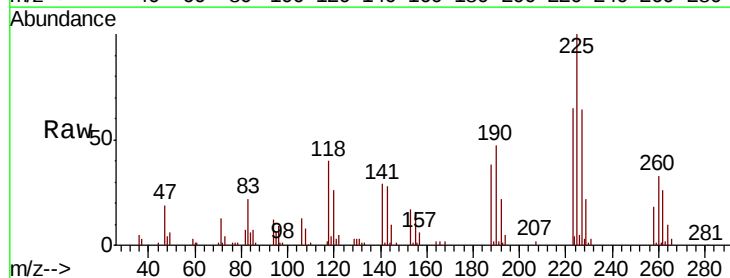
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

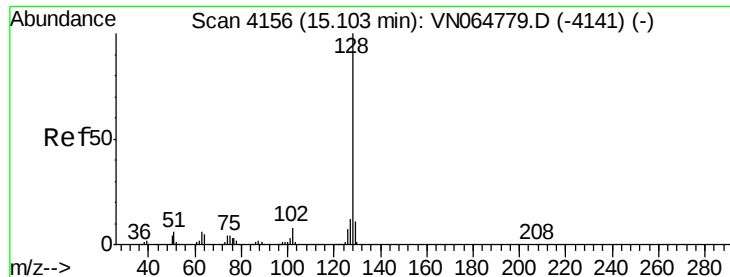
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.6	142.9
145	30.7	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 46.365 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.0	93.0
227	63.8	32.0	96.0

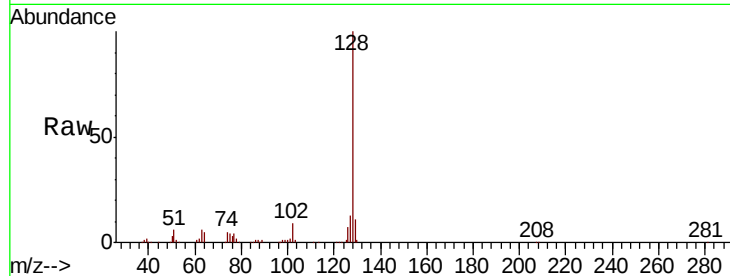




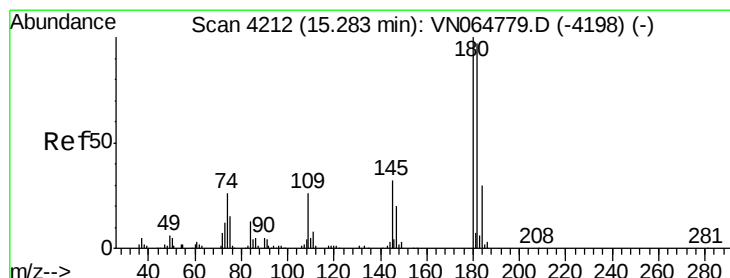
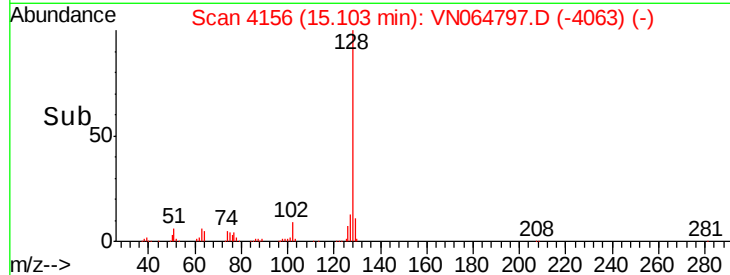
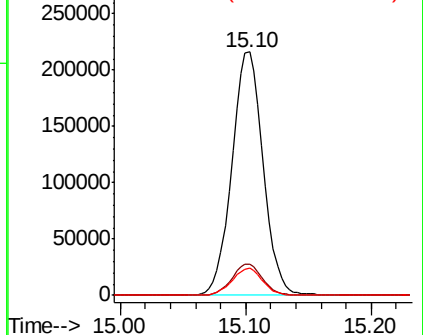
#95
Naphthalene
Concen: 44.364 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 372481
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

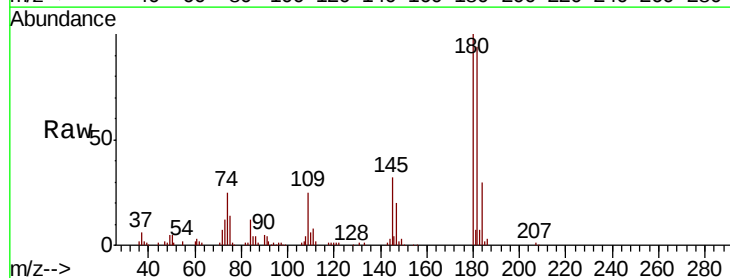


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.123 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion:180 Resp: 122541
Ion Ratio Lower Upper
180 100
182 95.1 48.1 144.4
145 31.8 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

