

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063788.D
 Acq On : 1 Oct 2020 21:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 02 02:17:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	273924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204991	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	7.55	113	138289	42.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.32%	
50) Toluene-d8	10.06	98	532316	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
62) 4-Bromofluorobenzene	12.38	95	203043	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123091	42.587	ug/l	99
3) Chloromethane	2.04	50	147589	43.518	ug/l	98
4) Vinyl Chloride	2.16	62	147832	43.425	ug/l	99
5) Bromomethane	2.53	94	89563	41.826	ug/l	98
6) Chloroethane	2.67	64	95350	46.873	ug/l	97
7) Trichlorofluoromethane	2.98	101	243587	45.116	ug/l	98
8) Diethyl Ether	3.37	74	83844	45.917	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	126503	43.837	ug/l	99
10) Methyl Iodide	3.91	142	164777	49.177	ug/l	99
11) Tert butyl alcohol	4.73	59	123373	246.933	ug/l	98
12) 1,1-Dichloroethene	3.70	96	124980	45.309	ug/l	96
13) Acrolein	3.57	56	69471	226.556	ug/l	96
14) Allyl chloride	4.28	41	217778	42.498	ug/l	95
15) Acrylonitrile	4.93	53	345006	241.240	ug/l	99
16) Acetone	3.78	43	322953	231.829	ug/l	100
17) Carbon Disulfide	4.01	76	331976	44.605	ug/l	99
18) Methyl Acetate	4.28	43	175313	48.470	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	476872	47.585	ug/l	99
20) Methylene Chloride	4.51	84	154201	48.330	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	140593	45.505	ug/l	97
22) Diisopropyl ether	5.90	45	516631	49.001	ug/l	98
23) Vinyl Acetate	5.84	43	2155722	246.829	ug/l	100
24) 1,1-Dichloroethane	5.80	63	284264	47.154	ug/l	99
25) 2-Butanone	6.78	43	489088	247.636	ug/l	99
26) 2,2-Dichloropropane	6.78	77	207381	37.565	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	162645	45.772	ug/l	98
28) Bromochloromethane	7.15	49	143334	48.106	ug/l	98
29) Tetrahydrofuran	7.16	42	328795	248.215	ug/l	99
30) Chloroform	7.33	83	302190	48.076	ug/l	95
31) Cyclohexane	7.61	56	226101	43.036	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	268916	47.432	ug/l	99
36) 1,1-Dichloropropene	7.75	75	207799	43.386	ug/l	98
37) Ethyl Acetate	6.88	43	210513	44.240	ug/l #	94
38) Carbon Tetrachloride	7.73	117	236347	44.007	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	193801	40.576	ug/l	99
40) Benzene	8.00	78	611474	44.698	ug/l	100
41) Methacrylonitrile	7.12	41	95965	45.377	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	267897	45.877	ug/l	100
43) Isopropyl Acetate	8.13	43	371040	47.273	ug/l	100
44) Trichloroethene	8.80	130	154178	43.014	ug/l	98
45) 1,2-Dichloropropane	9.08	63	165746	44.863	ug/l	100
46) Dibromomethane	9.17	93	114107	44.771	ug/l	98
47) Bromodichloromethane	9.37	83	245866	46.808	ug/l	99
48) Methyl methacrylate	9.17	41	187290	48.298	ug/l	96
49) 1,4-Dioxane	9.16	88	49745	902.611	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1118218	242.771	ug/l	100
52) Toluene	10.13	92	388852	45.955	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256170	45.496	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	266858	45.318	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	160506	47.300	ug/l	95
56) Ethyl methacrylate	10.40	69	237300	49.335	ug/l	98
57) 1,3-Dichloropropane	10.68	76	268574	46.782	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	618819	240.513	ug/l	100
59) 2-Hexanone	10.72	43	818711	239.273	ug/l	99
60) Dibromochloromethane	10.87	129	179032	45.303	ug/l	100
61) 1,2-Dibromoethane	10.98	107	167071	48.131	ug/l	100
64) Tetrachloroethene	10.60	164	141071	41.206	ug/l	99
65) Chlorobenzene	11.41	112	410870	45.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	161814	46.499	ug/l	100
67) Ethyl Benzene	11.49	91	764916	46.310	ug/l	99
68) m/p-Xylenes	11.59	106	561370	91.191	ug/l	98
69) o-Xylene	11.92	106	271243	47.142	ug/l	100
70) Styrene	11.94	104	468490	47.967	ug/l	99
71) Bromoform	12.10	173	121524	45.660	ug/l #	97
73) Isopropylbenzene	12.23	105	724729	45.972	ug/l	100
74) N-amyl acetate	12.05	43	334424	45.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	227374	47.167	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	307988	64.644	ug/l #	100
77) Bromobenzene	12.50	156	180215	46.589	ug/l	99
78) n-propylbenzene	12.57	91	829674	45.222	ug/l	100
79) 2-Chlorotoluene	12.65	91	515839	45.716	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	606470	45.856	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	73948	44.703	ug/l	98
82) 4-Chlorotoluene	12.75	91	543535	46.402	ug/l	99
83) tert-Butylbenzene	12.97	119	490880	45.375	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	616698	46.704	ug/l	98
85) sec-Butylbenzene	13.15	105	644148	45.333	ug/l	99
86) p-Isopropyltoluene	13.26	119	581994	46.300	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	315983	45.153	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	318865	43.761	ug/l	99
89) n-Butylbenzene	13.59	91	486240	41.911	ug/l	100
90) Hexachloroethane	13.85	117	111812	45.903	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	316549	45.668	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50562	44.724	ug/l	99

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QLast Update : Thu Oct 01 01:46:38 2020
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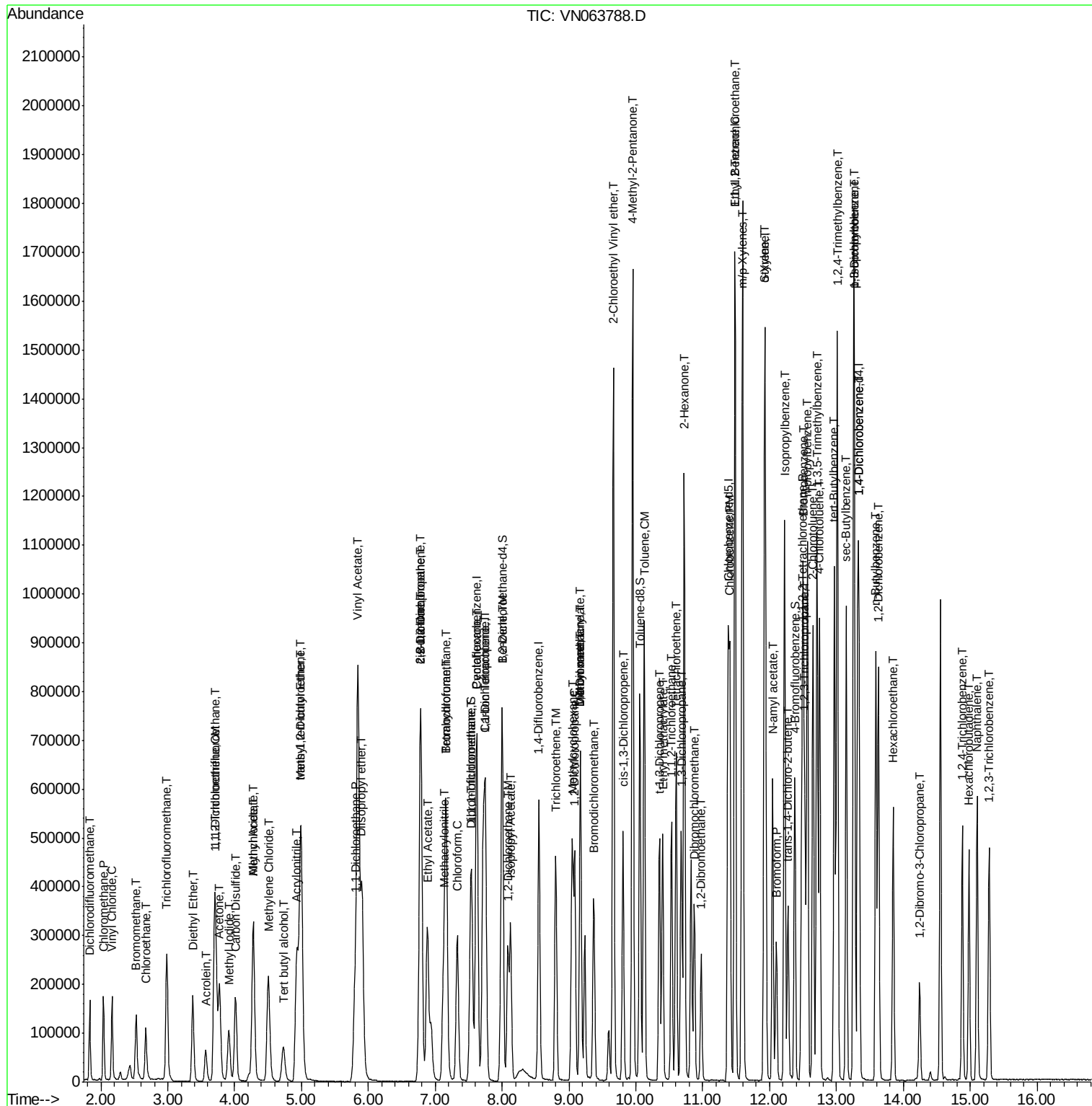
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	148825	39.851	ug/l	97
94) Hexachlorobutadiene	14.98	225	79754	42.447	ug/l	98
95) Naphthalene	15.10	128	471154	40.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	145466	40.113	ug/l	99

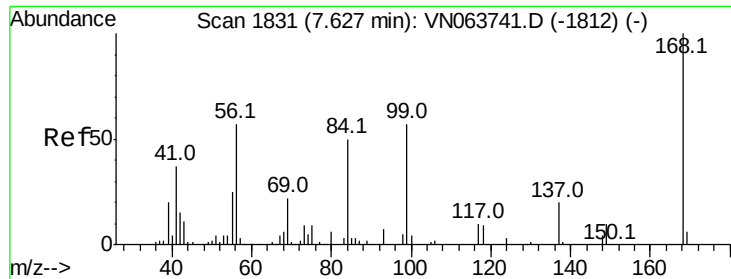
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

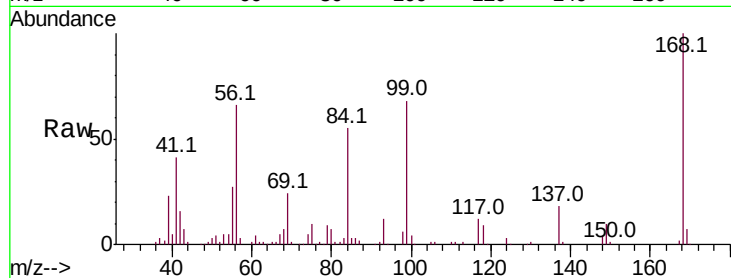
VSTDCCC050EC

Tot Ion:168 Resp: 273924

Ion Ratio Lower Upper

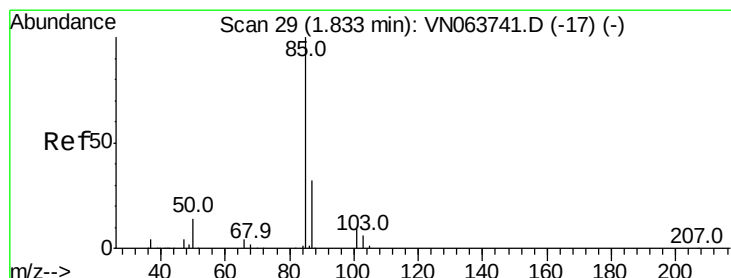
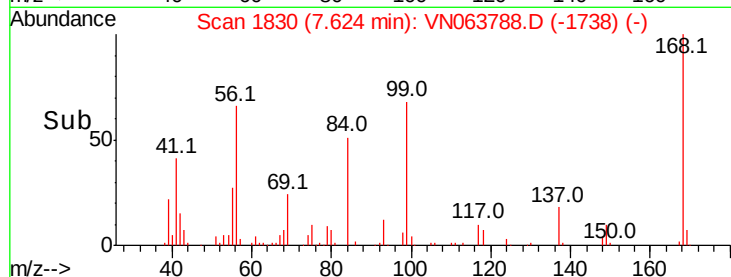
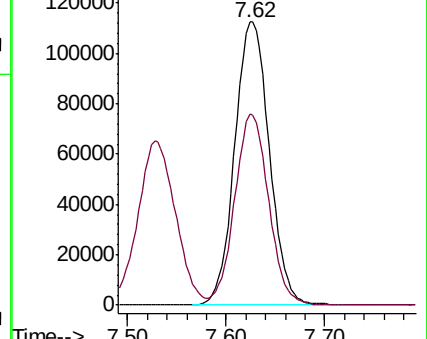
168 100

99 67.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 42.587 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063788.D

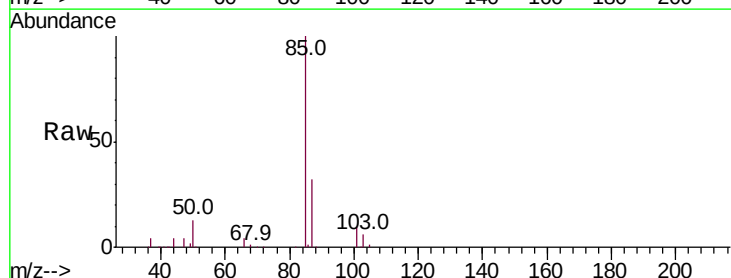
Acq: 1 Oct 2020 21:45

Tgt Ion: 85 Resp: 123091

Ion Ratio Lower Upper

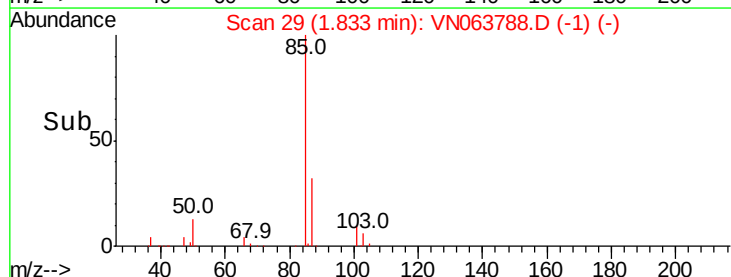
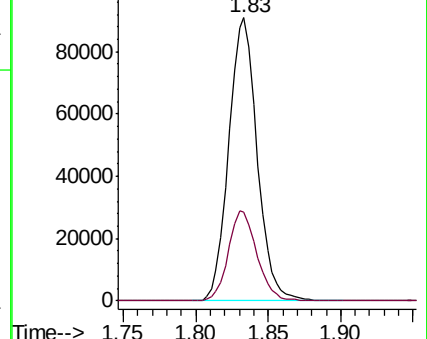
85 100

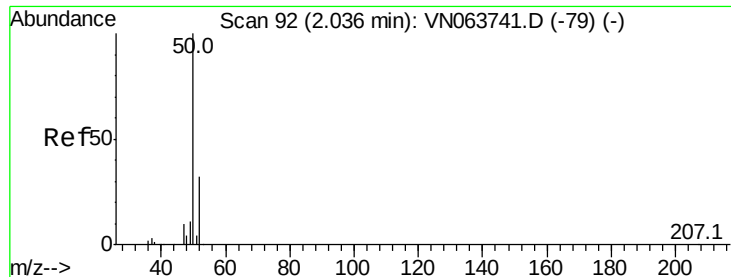
87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 43.518 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

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ClientSampleId :

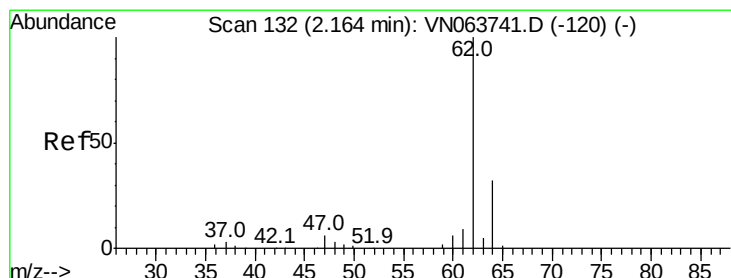
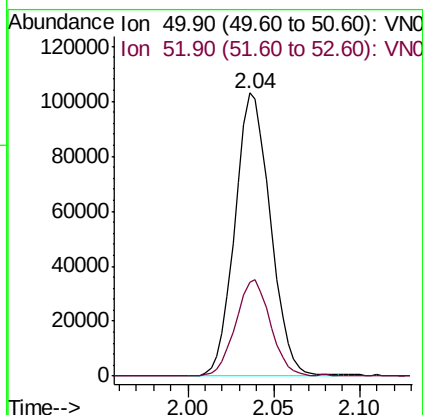
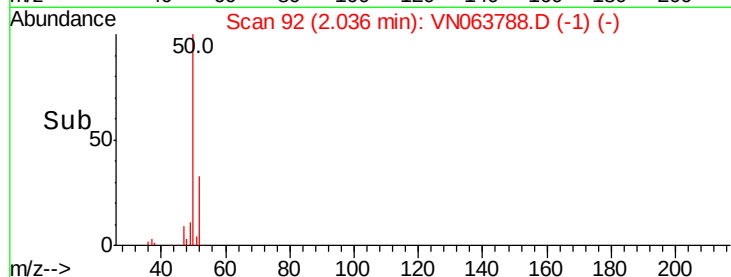
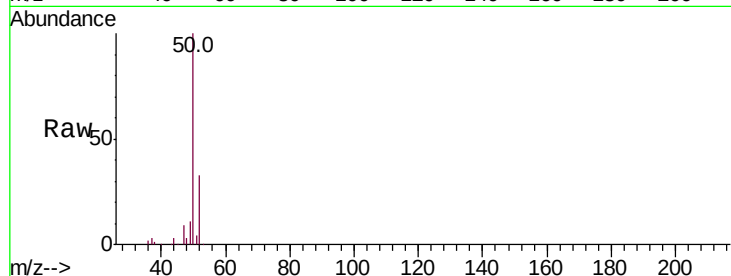
VSTDCCC050EC

Tot Ion: 50 Resp: 147589

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.8



#4

Vinyl Chloride

Concen: 43.425 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063788.D

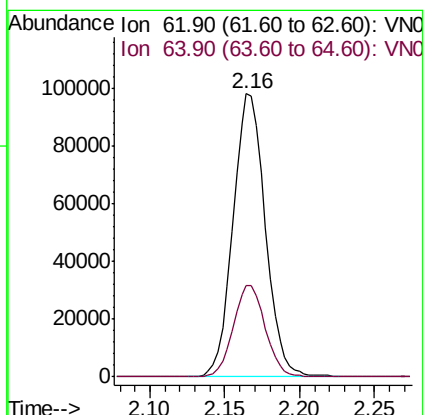
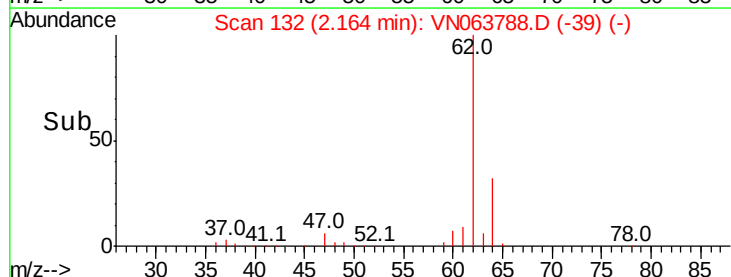
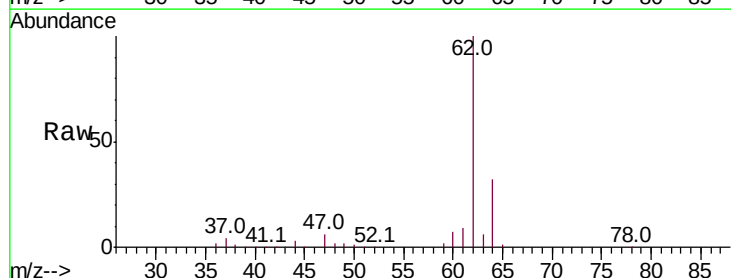
Acq: 1 Oct 2020 21:45

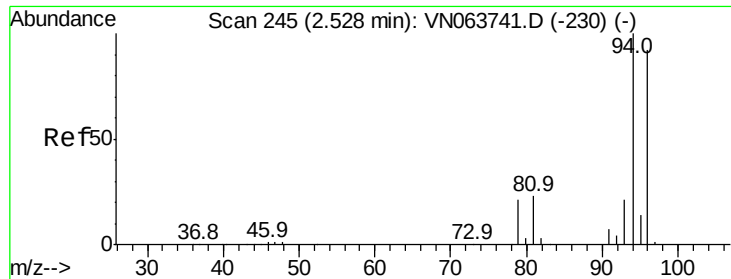
Tgt Ion: 62 Resp: 147832

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4

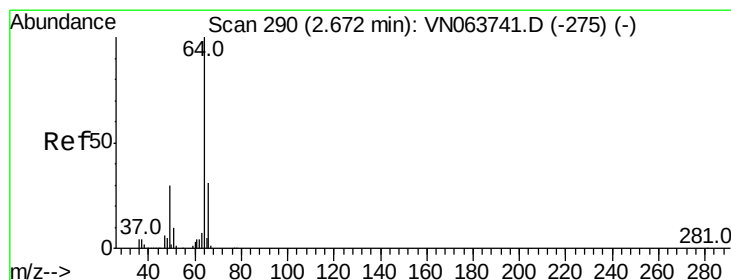
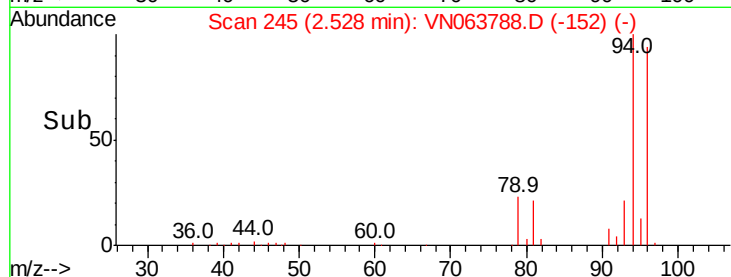
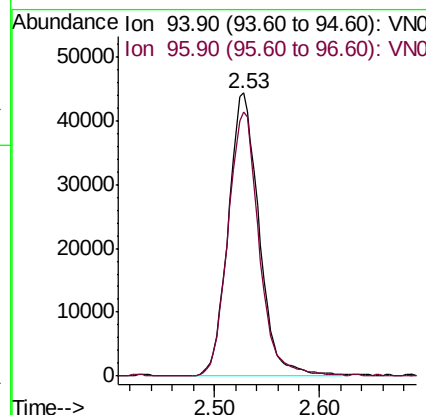
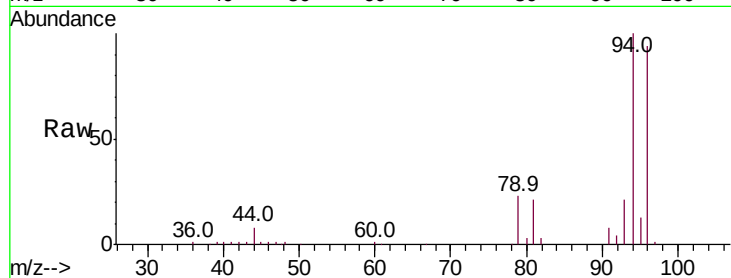




#5
Bromomethane
Concen: 41.826 ug/l
RT: 2.53 min Scan# 245
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

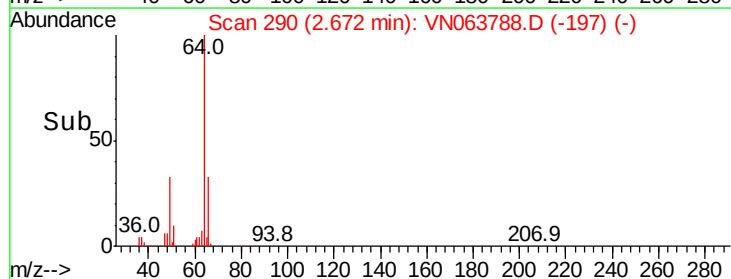
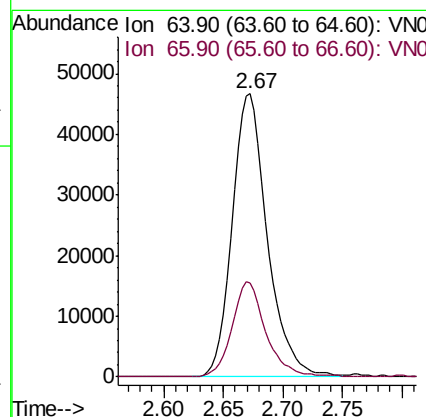
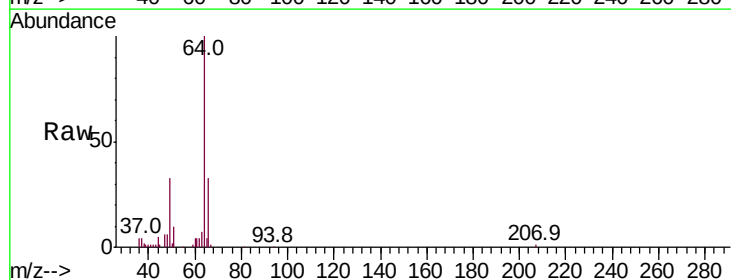
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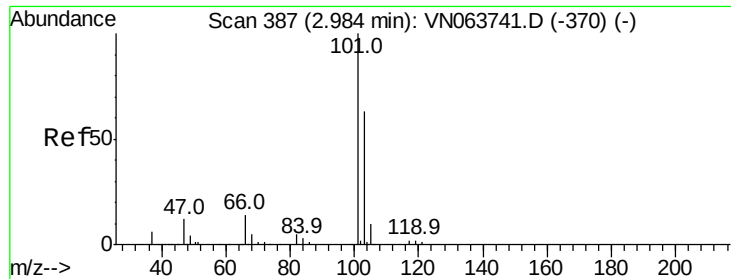
Tot Ion: 94 Resp: 89563
Ion Ratio Lower Upper
94 100
96 93.6 73.3 109.9



#6
Chloroethane
Concen: 46.873 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 64 Resp: 95350
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7



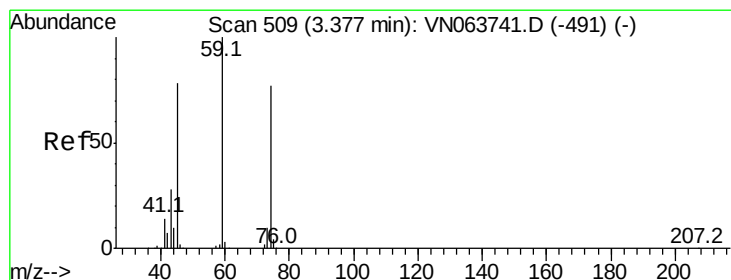
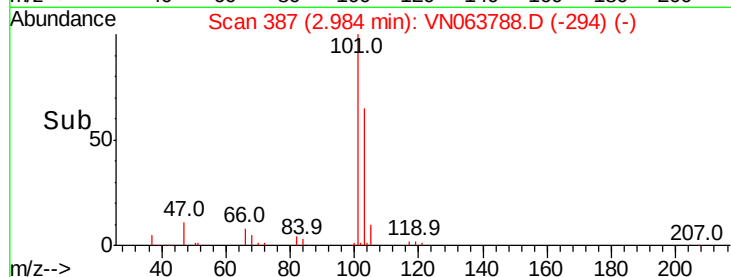
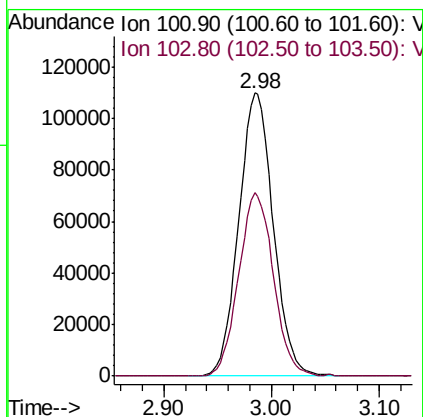
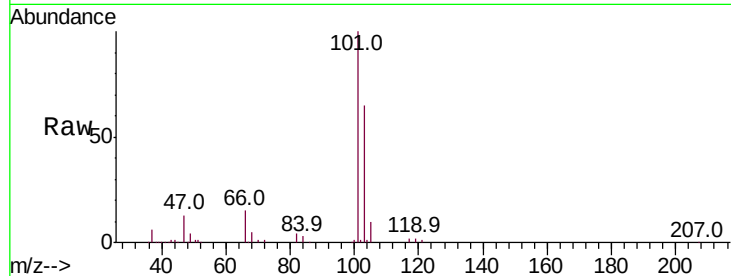


#7

Trichlorofluoromethane
 Concen: 45.116 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063788.D
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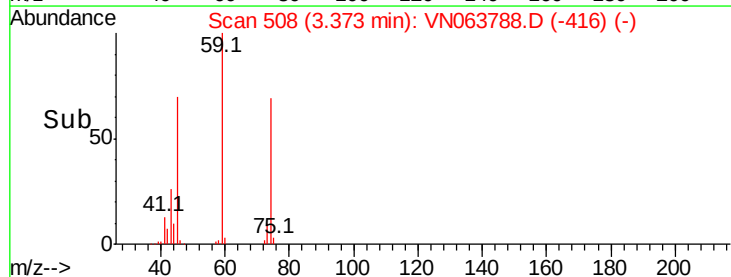
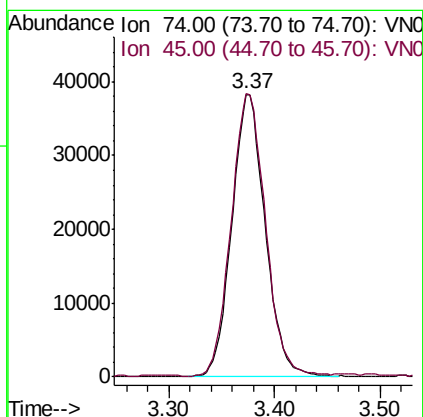
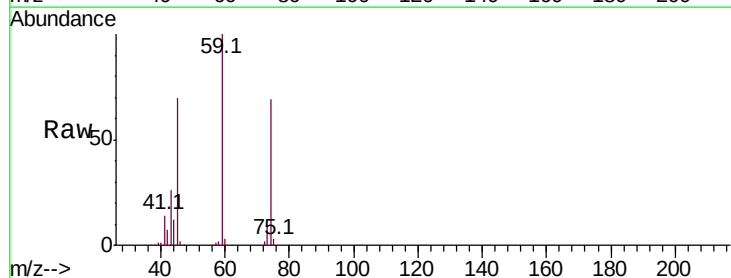
Tot Ion:101 Resp: 243587
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1

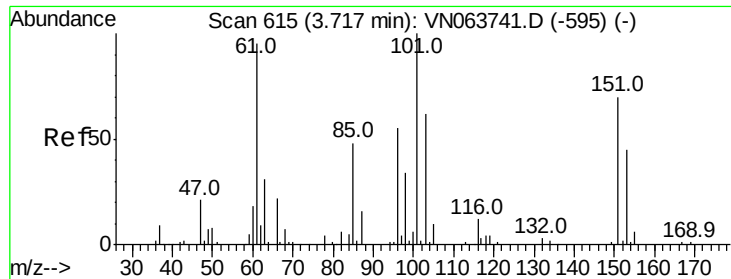


#8

Diethyl Ether
 Concen: 45.917 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion: 74 Resp: 83844
 Ion Ratio Lower Upper
 74 100
 45 104.1 50.9 152.8

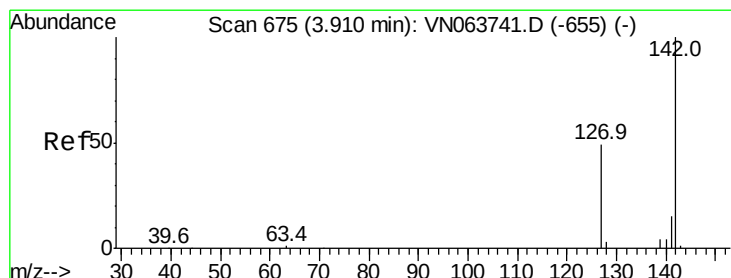
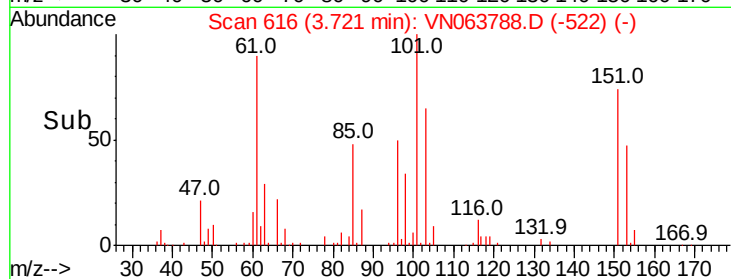
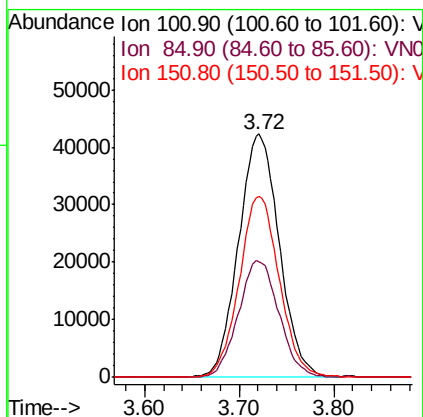
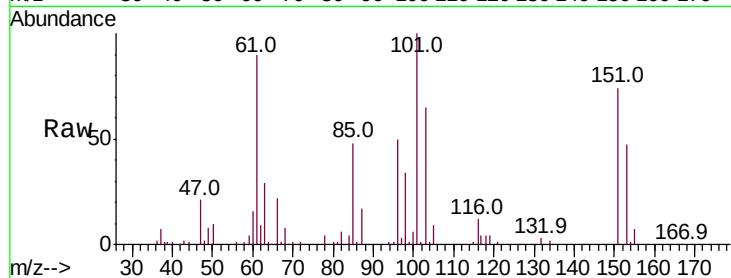




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.837 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

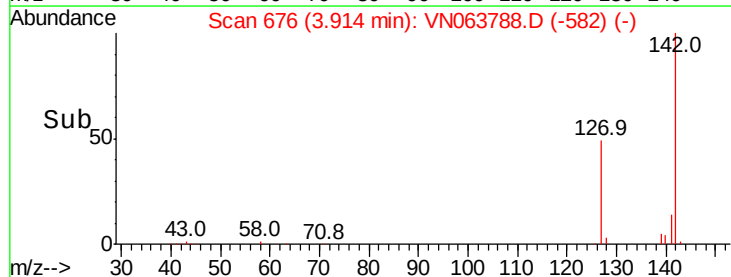
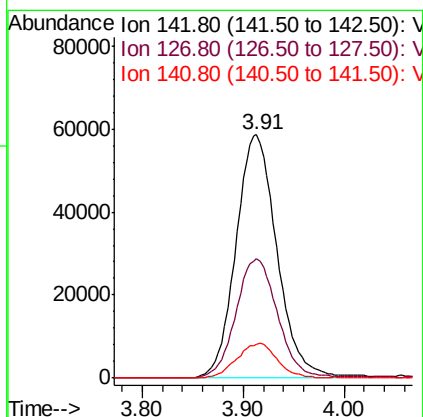
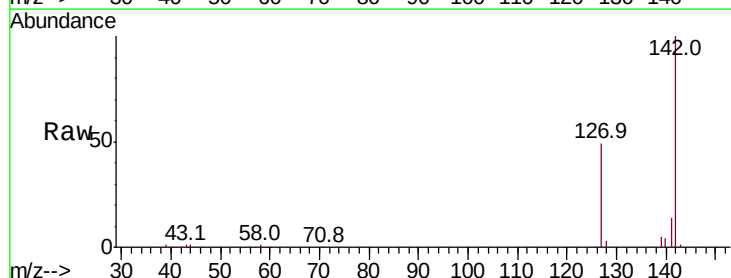
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

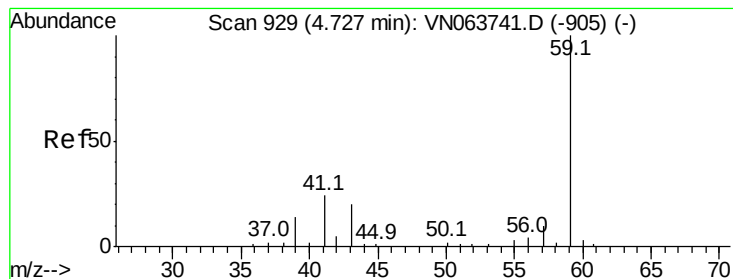
Tot Ion:101 Resp: 126503
 Ion Ratio Lower Upper
 101 100
 85 47.7 38.6 58.0
 151 73.0 58.7 88.1



#10
 Methyl Iodide
 Concen: 49.177 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion:142 Resp: 164777
 Ion Ratio Lower Upper
 142 100
 127 50.2 40.5 60.7
 141 14.1 11.7 17.5



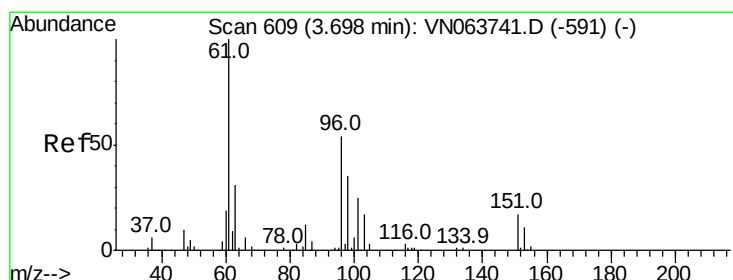
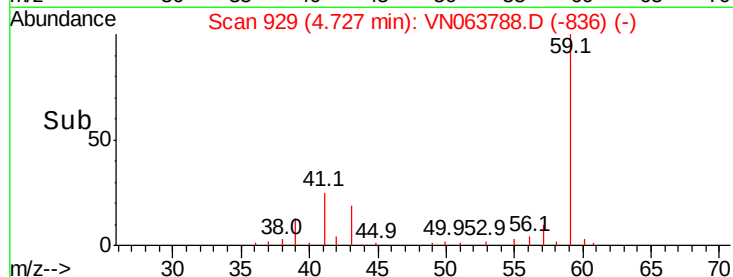
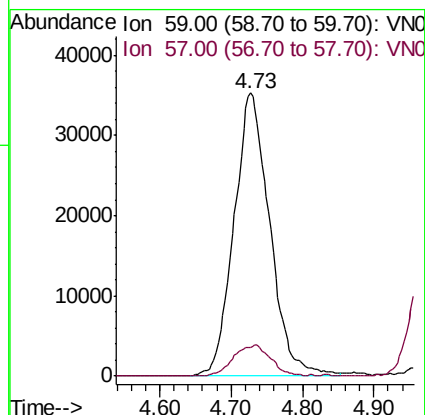
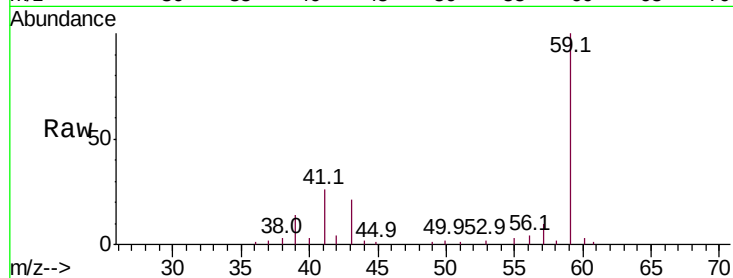


#11

Tert butyl alcohol
 Concen: 246.933 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

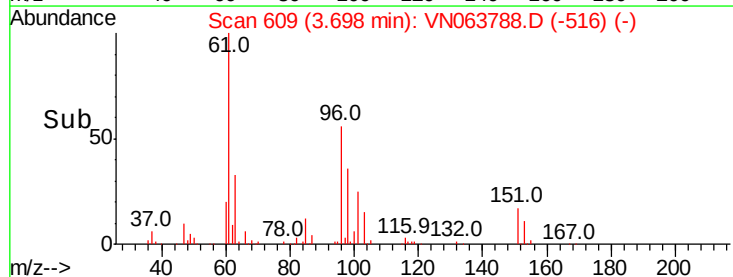
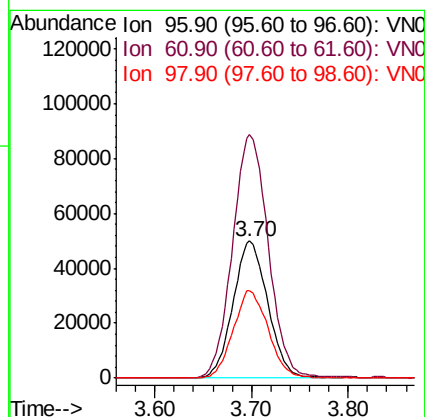
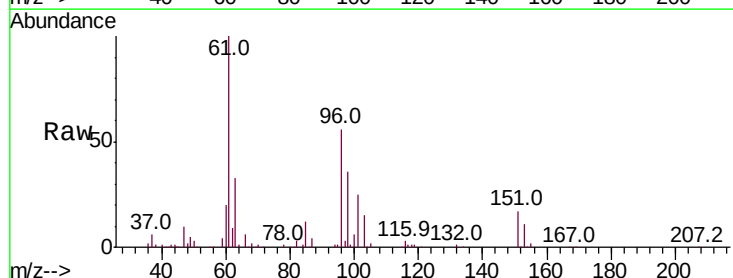
Tot Ion: 59 Resp: 123373
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.7 13.1

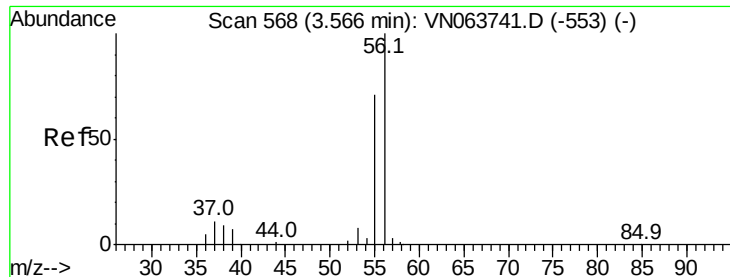


#12

1,1-Dichloroethene
 Concen: 45.309 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion: 96 Resp: 124980
 Ion Ratio Lower Upper
 96 100
 61 177.9 147.7 221.5
 98 64.3 51.9 77.9





#13

Acrolein

Concen: 226.556 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

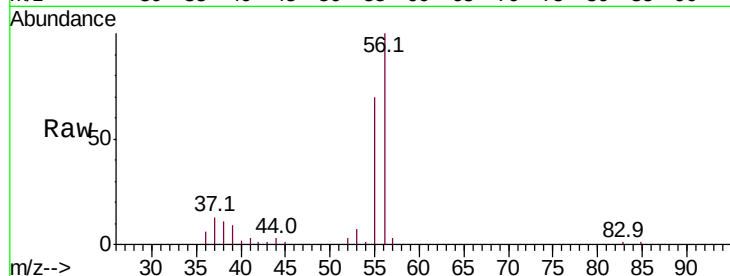
VSTDCCC050EC

Tot Ion: 56 Resp: 69471

Ion Ratio Lower Upper

56 100

55 74.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)

3.57

30000

25000

20000

15000

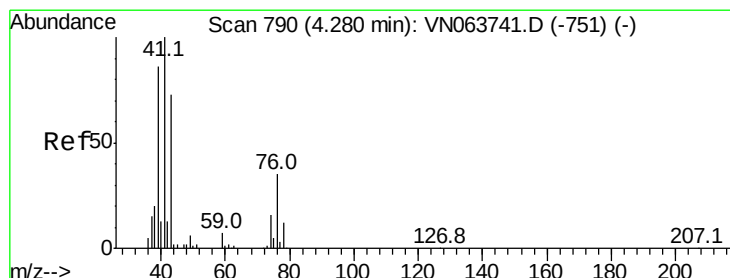
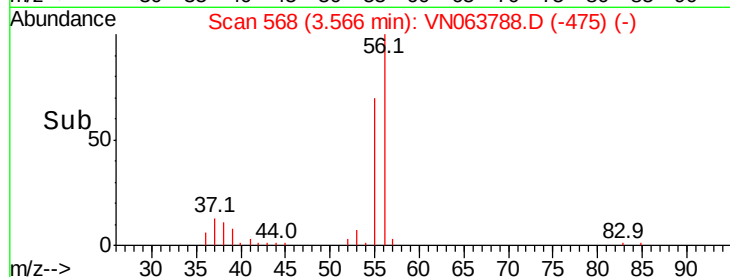
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 42.498 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

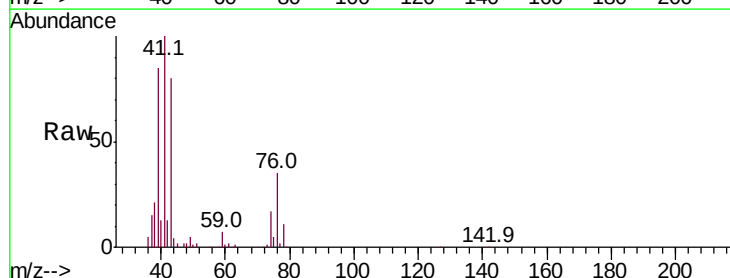
Tgt Ion: 41 Resp: 217778

Ion Ratio Lower Upper

41 100

39 87.0 64.5 96.7

76 32.6 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)

4.28

100000

80000

60000

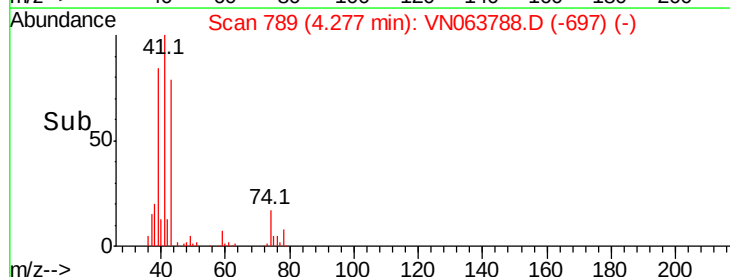
40000

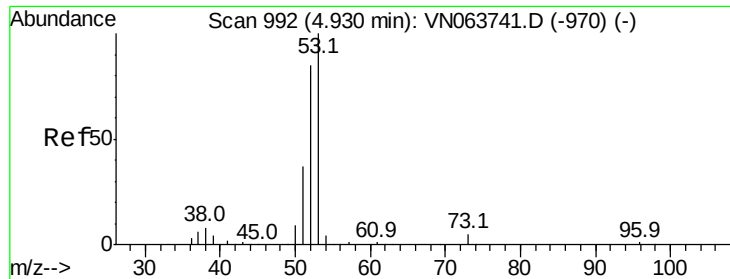
20000

0

Time-->

4.20 4.25 4.30 4.35 4.40





#15

Acrylonitrile

Concen: 241.240 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

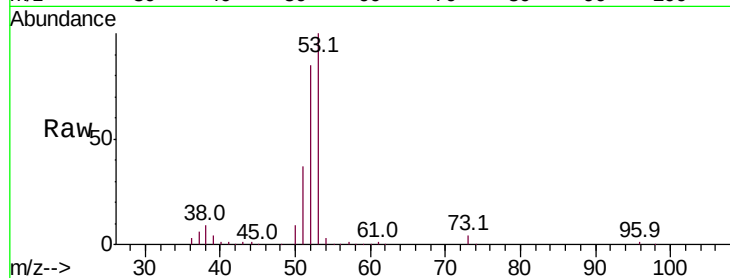
Tot Ion: 53 Resp: 345006

Ion Ratio Lower Upper

53 100

52 83.7 66.5 99.7

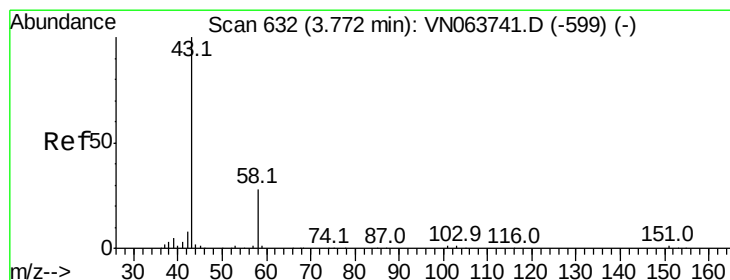
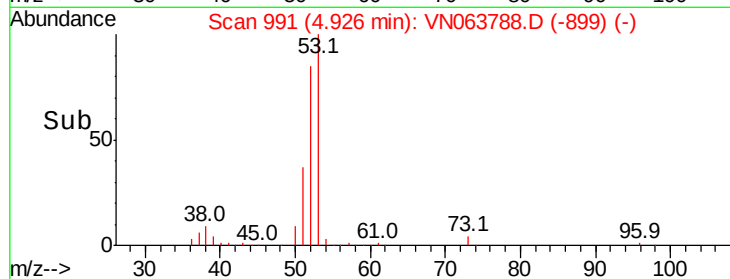
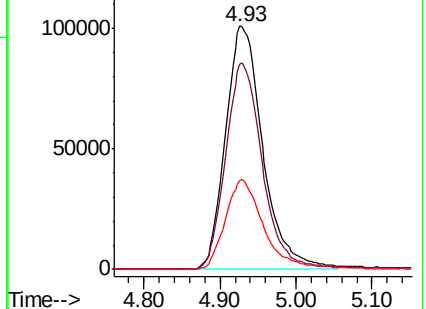
51 37.8 29.9 44.9



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: 231.829 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063788.D

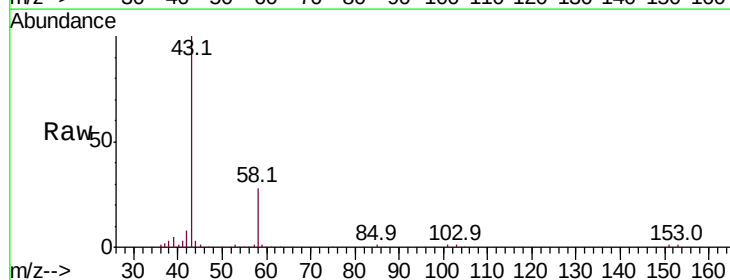
Acq: 1 Oct 2020 21:45

Tgt Ion: 43 Resp: 322953

Ion Ratio Lower Upper

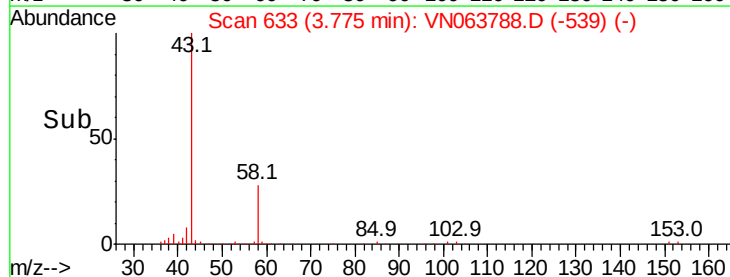
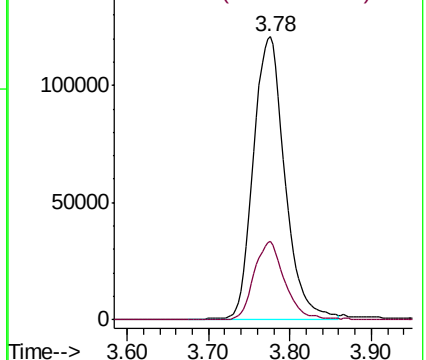
43 100

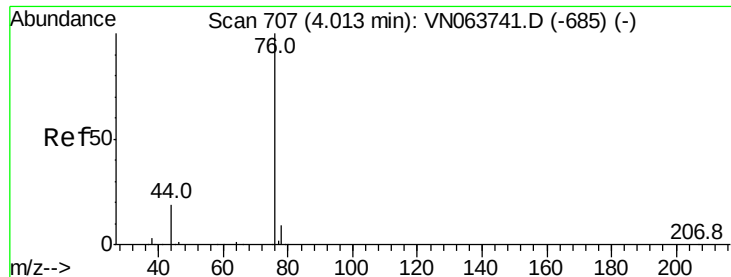
58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

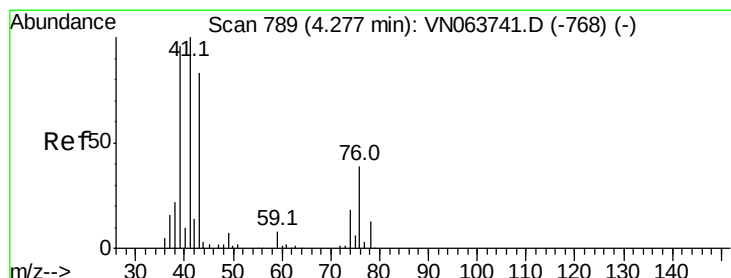
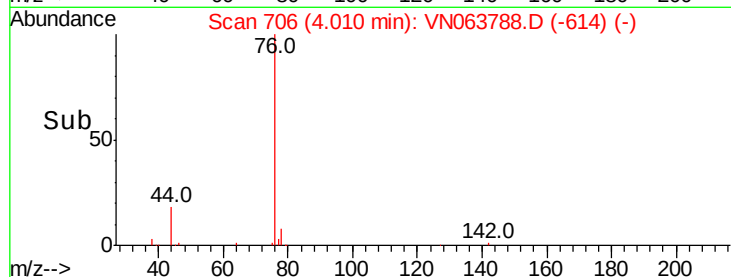
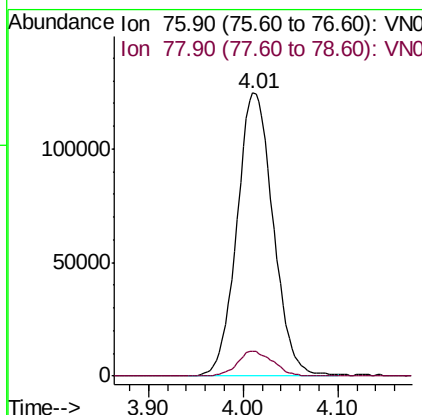
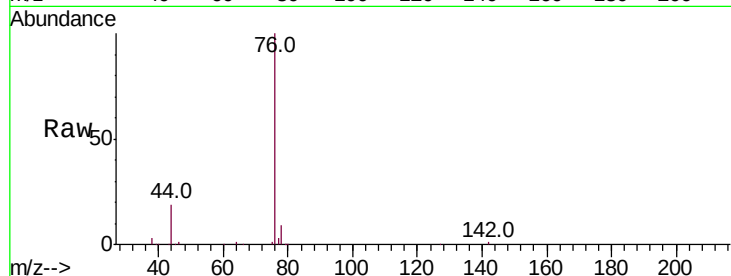




#17
Carbon Disulfide
Concen: 44.605 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

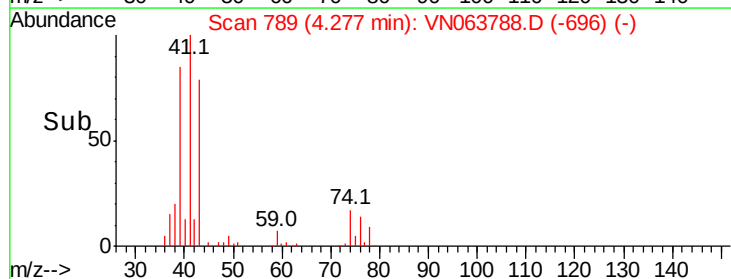
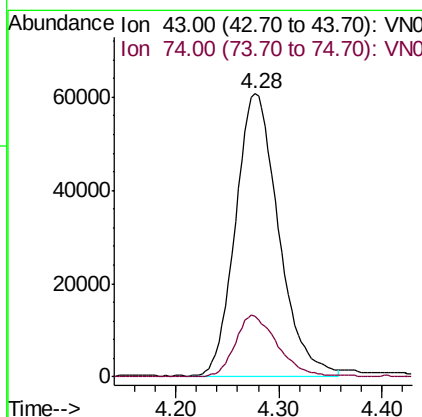
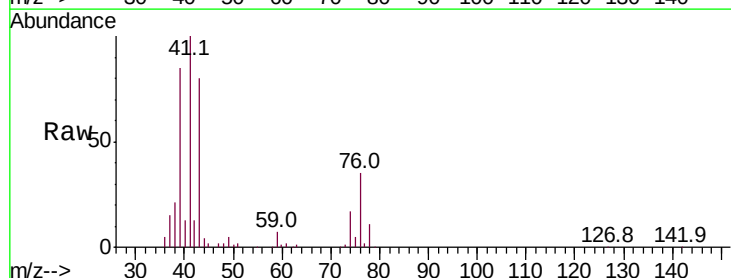
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

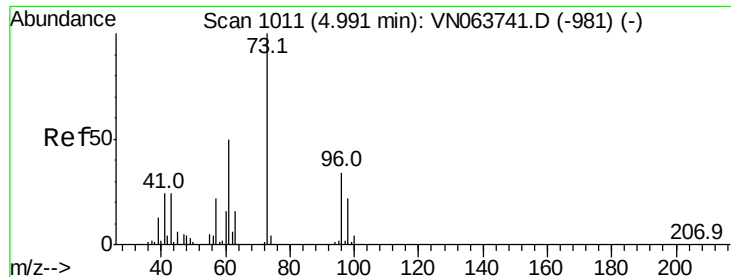
Tot Ion: 76 Resp: 331976
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 48.470 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 43 Resp: 175313
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2

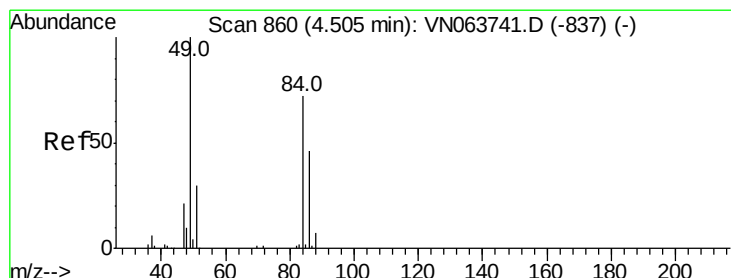
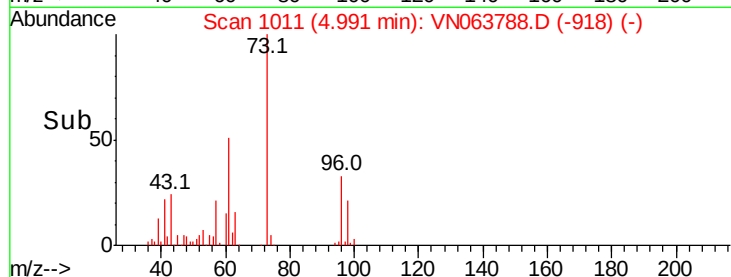
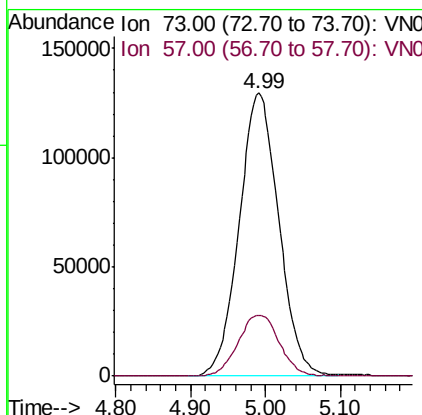
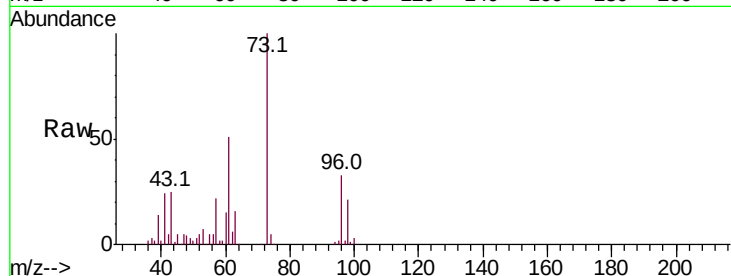




#19
Methvl tert-butvl Ether
Concen: 47.585 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

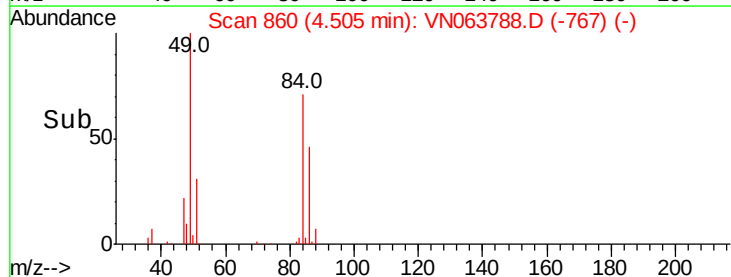
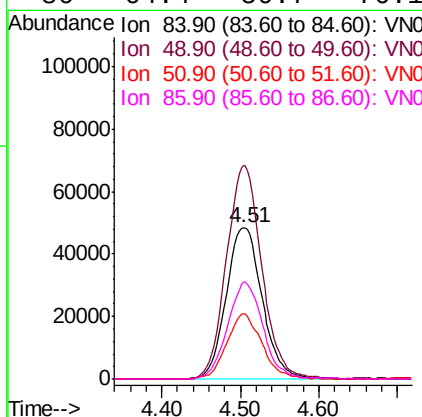
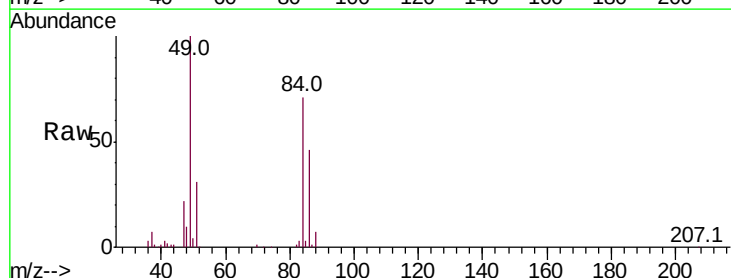
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

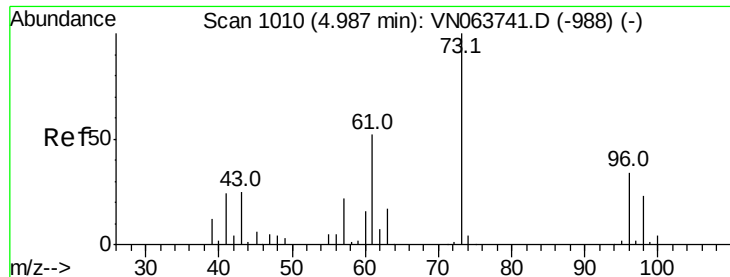
Tot Ion: 73 Resp: 476872
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4



#20
Methylene Chloride
Concen: 48.330 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 84 Resp: 154201
Ion Ratio Lower Upper
84 100
49 140.5 110.4 165.6
51 43.3 33.3 49.9
86 64.4 50.7 76.1

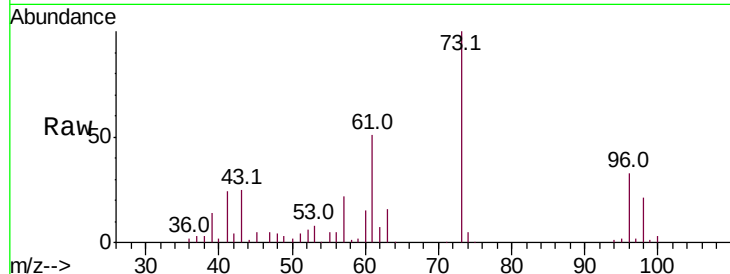




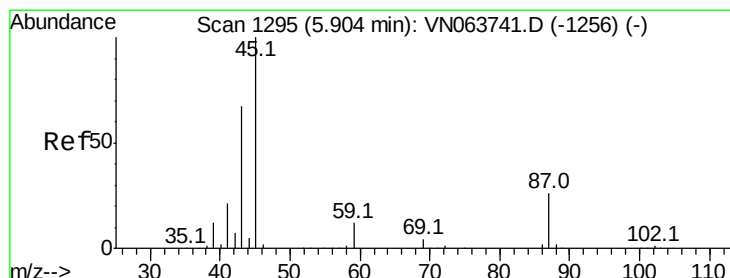
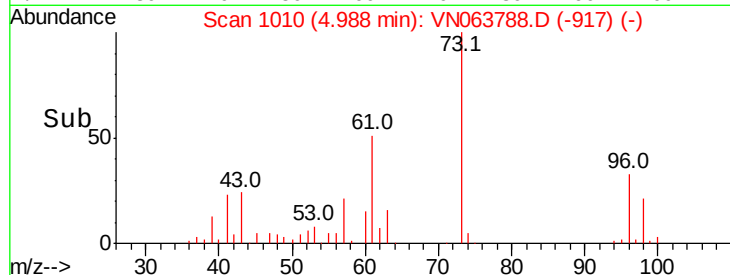
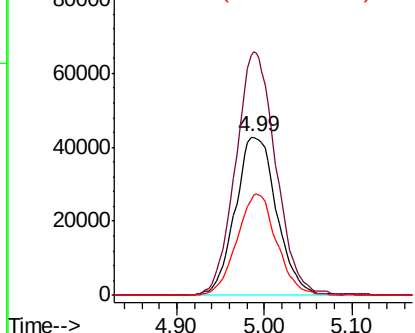
#21
trans-1,2-Dichloroethene
Concen: 45.505 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 140593
Ion Ratio Lower Upper
96 100
61 154.0 120.2 180.2
98 63.6 52.6 79.0

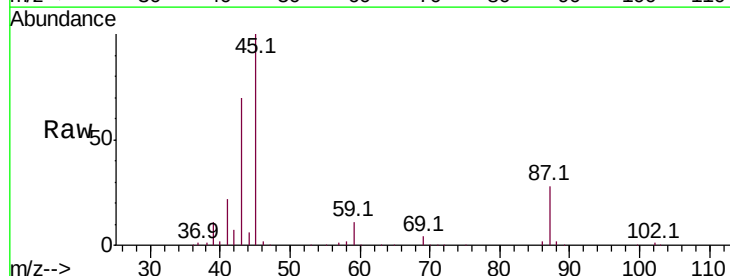


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

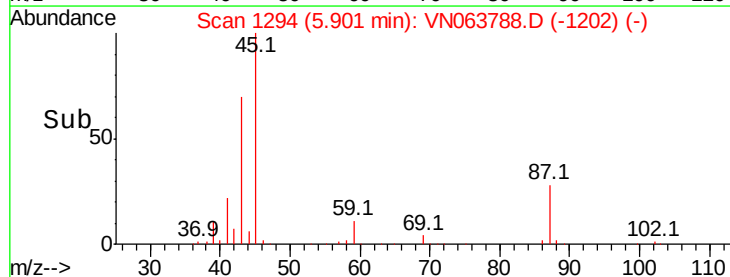
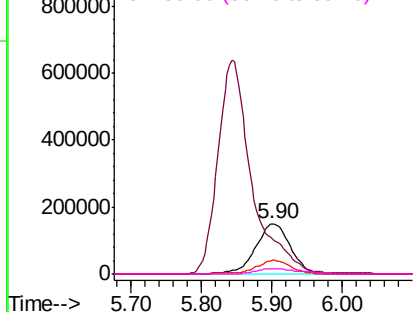


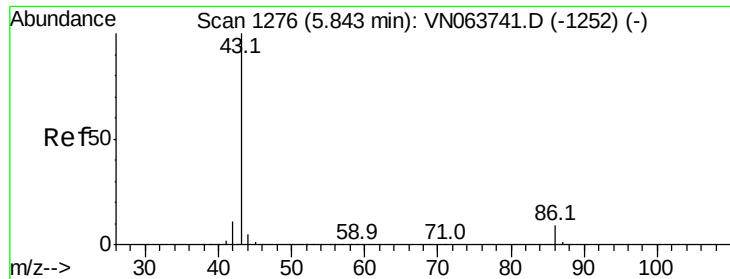
#22
Diisopropyl ether
Concen: 49.001 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 45 Resp: 516631
Ion Ratio Lower Upper
45 100
43 69.0 53.7 80.5
87 27.4 21.1 31.7
59 10.7 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

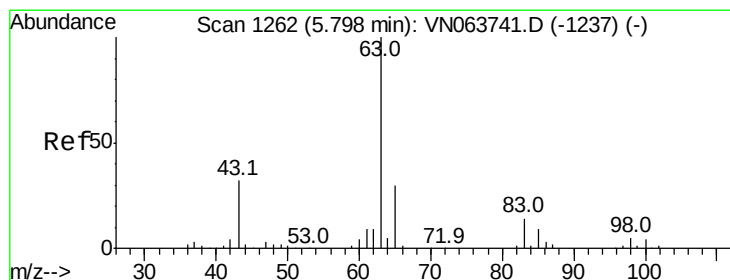
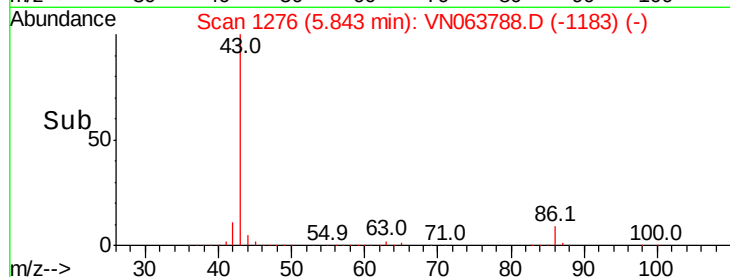
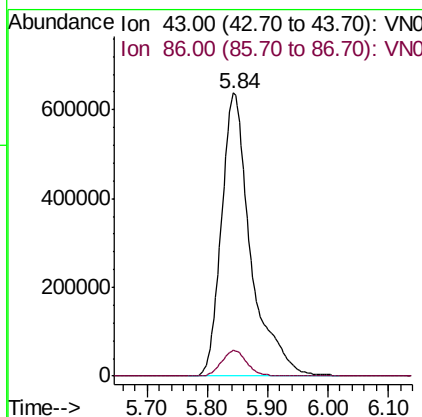
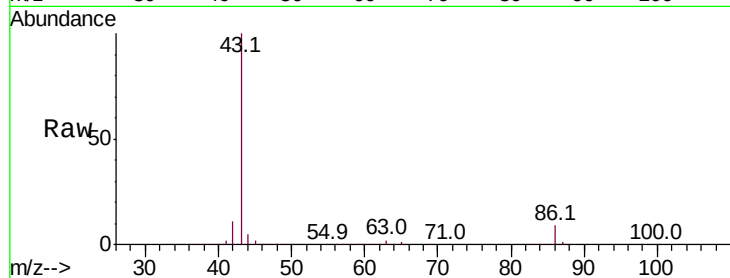




#23
 Vinyl Acetate
 Concen: 246.829 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

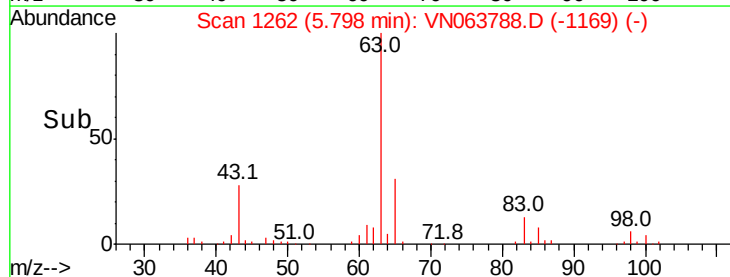
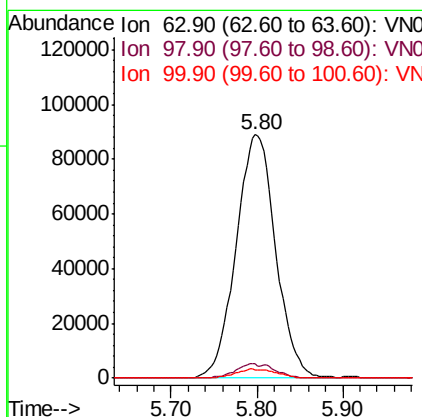
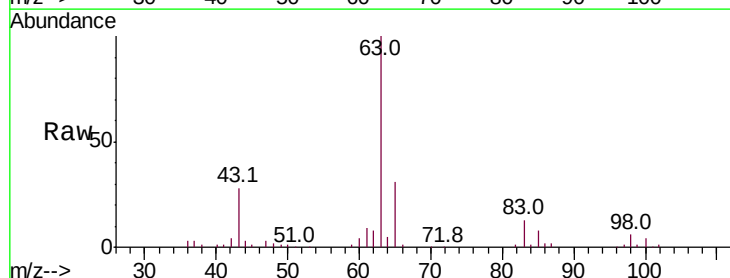
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

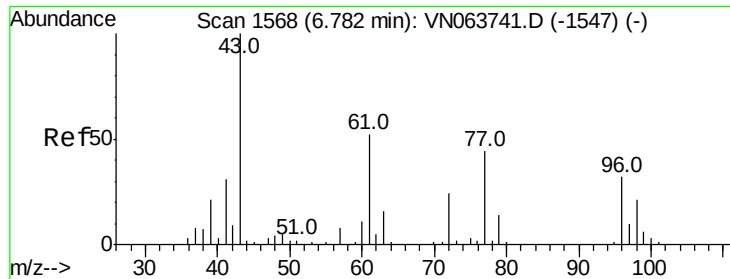
Tot Ion: 43 Resp: 2155722
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 47.154 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion: 63 Resp: 284264
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.7 8.1
 100 3.5 1.9 5.7





#25

2-Butanone

Concen: 247.636 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

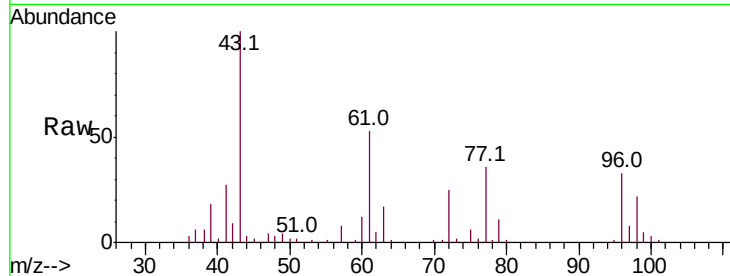
VSTDCCC050EC

Tot Ion: 43 Resp: 489088

Ion Ratio Lower Upper

43 100

72 24.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1547) (-)

6.78

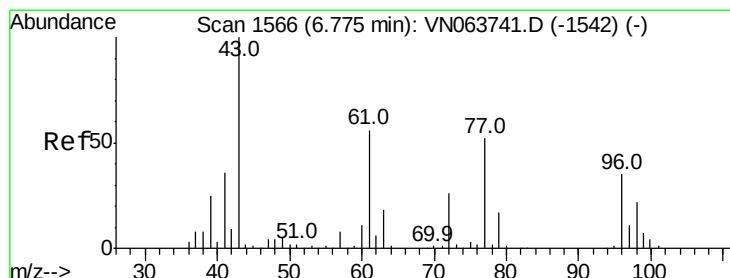
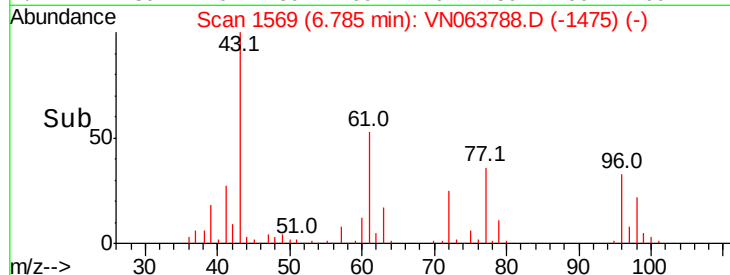
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 37.565 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063788.D

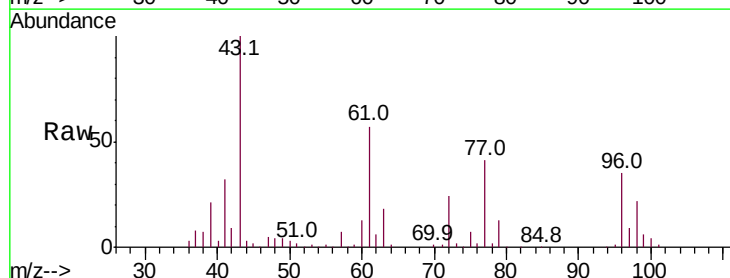
Acq: 1 Oct 2020 21:45

Tgt Ion: 77 Resp: 207381

Ion Ratio Lower Upper

77 100

97 21.3 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN063741.D (-1542) (-)

Ion 96.90 (96.60 to 97.60): VN063741.D (-1542) (-)

6.78

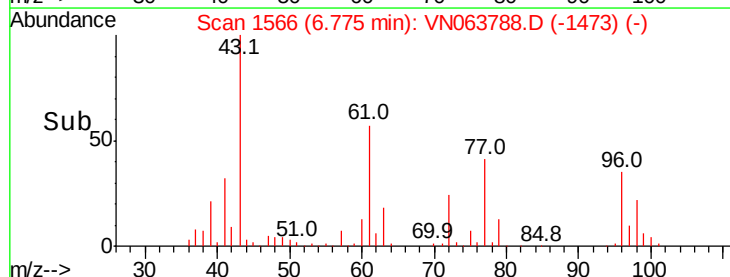
60000

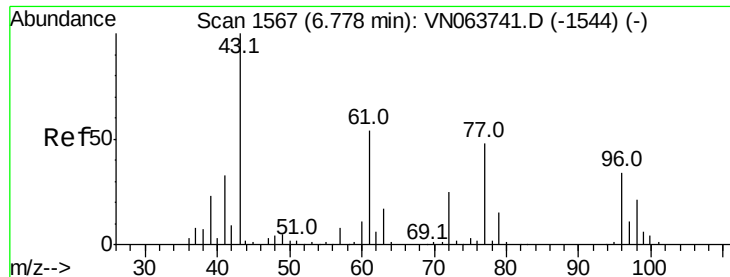
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.772 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

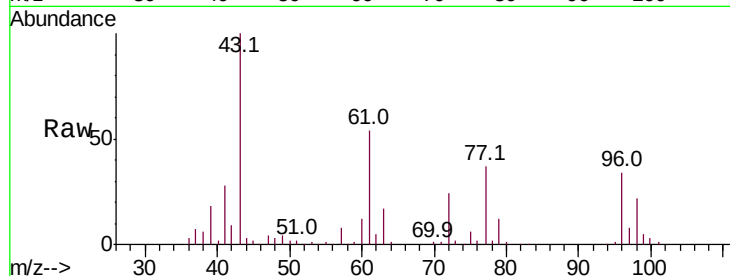
Tot Ion: 96 Resp: 162645

Ion Ratio Lower Upper

96 100

61 161.6 0.0 321.2

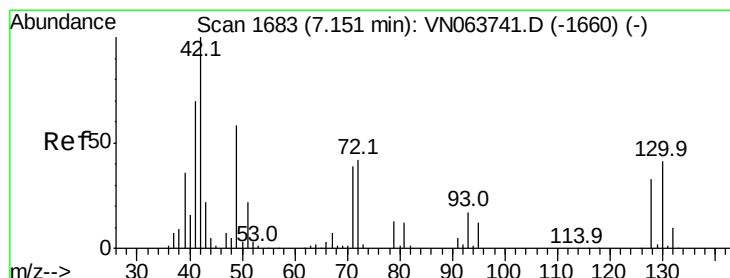
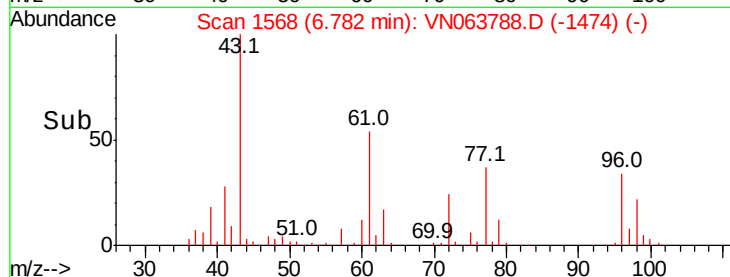
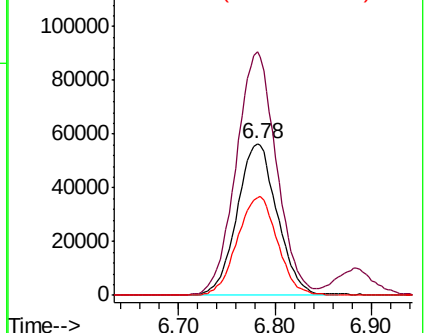
98 65.1 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 48.106 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

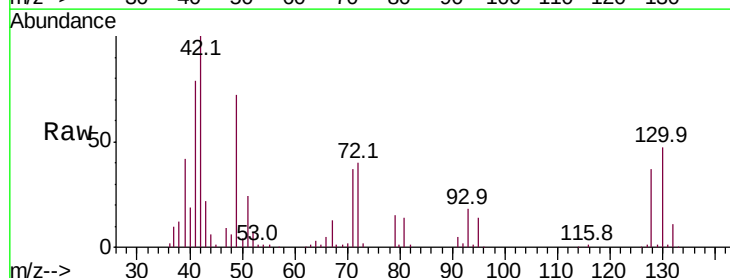
Tgt Ion: 49 Resp: 143334

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

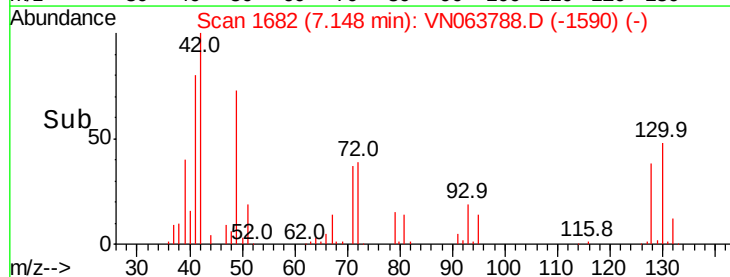
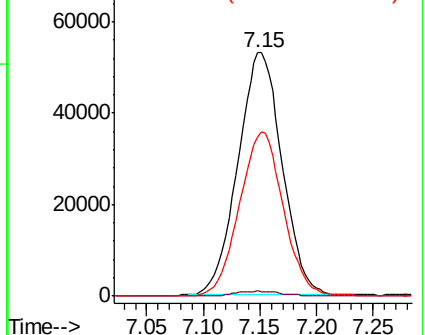
130 67.7 55.6 83.4

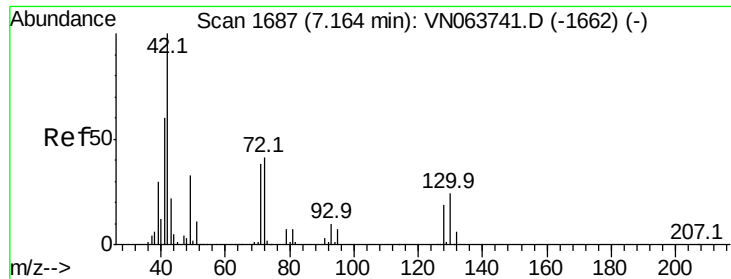


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)

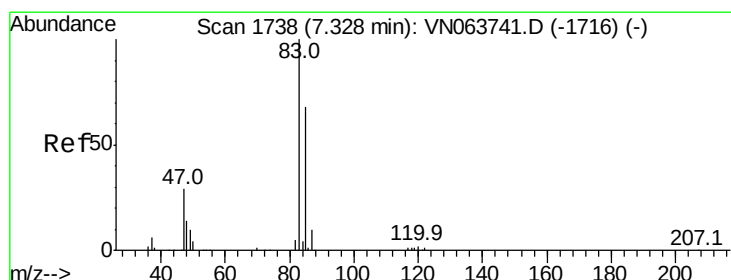
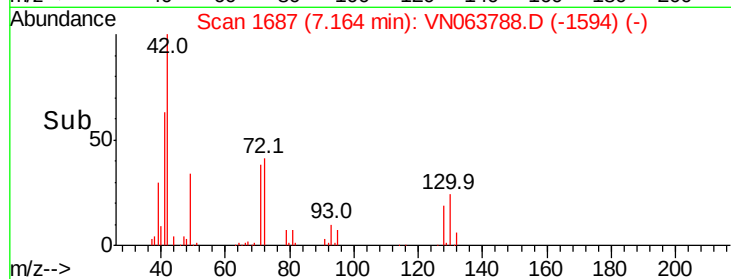
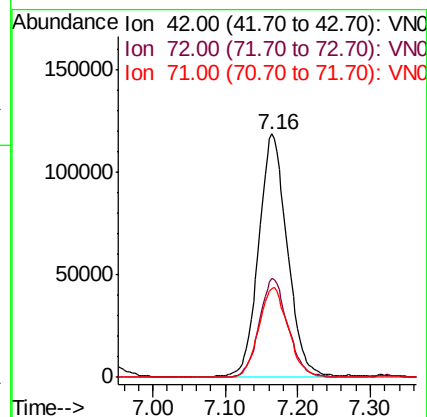
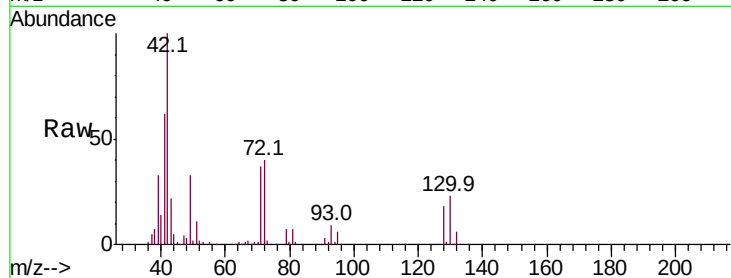




#29
Tetrahydrofuran
Concen: 248.215 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

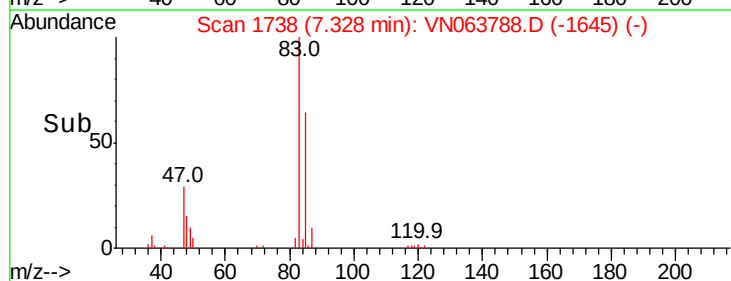
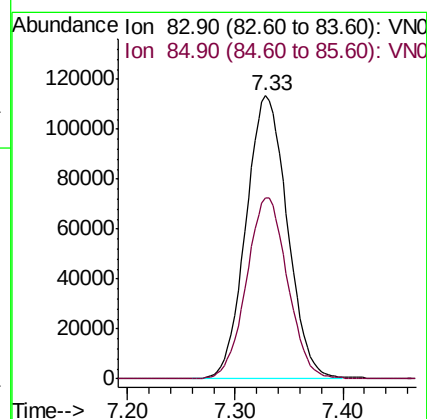
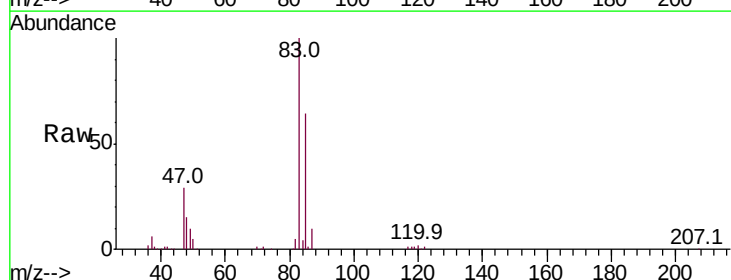
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

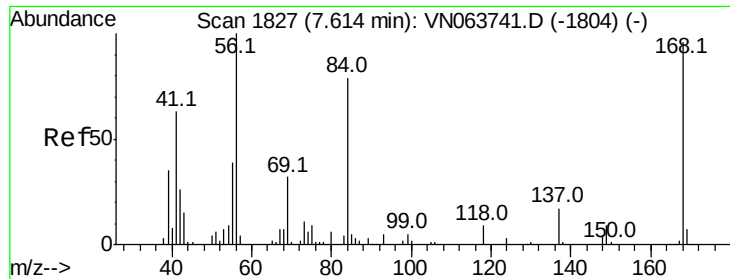
Tot Ion: 42 Resp: 328795
Ion Ratio Lower Upper
42 100
72 40.2 32.8 49.2
71 37.6 30.6 45.8



#30
Chloroform
Concen: 48.076 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 83 Resp: 302190
Ion Ratio Lower Upper
83 100
85 64.1 54.6 82.0

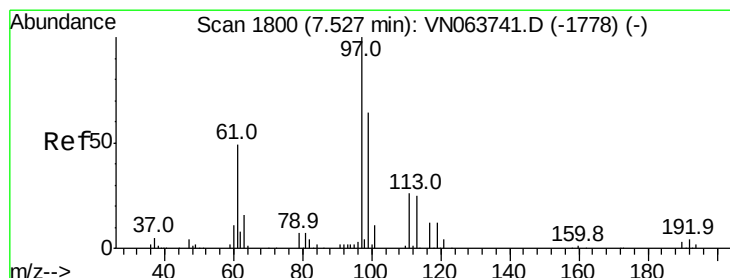
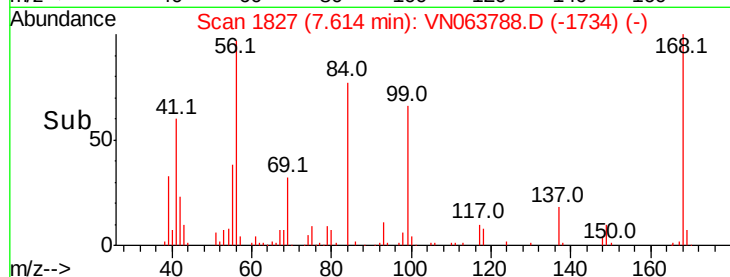
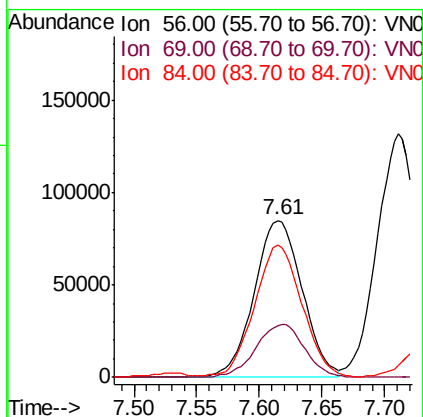
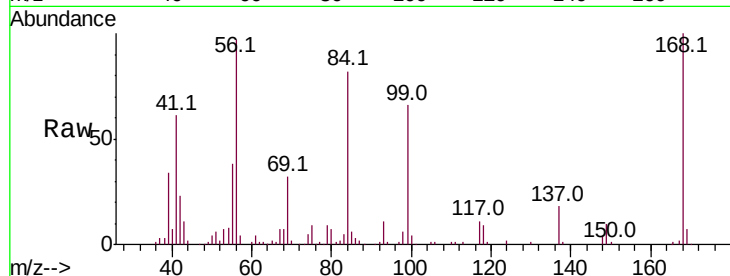




#31
Cyclohexane
Concen: 43.036 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

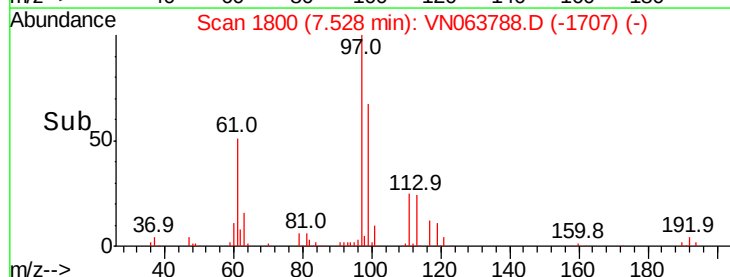
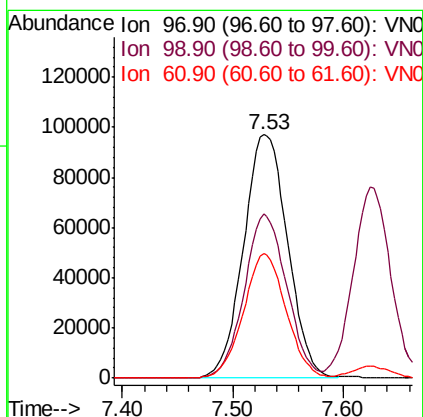
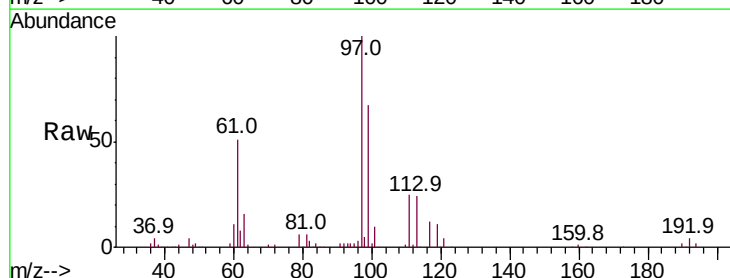
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

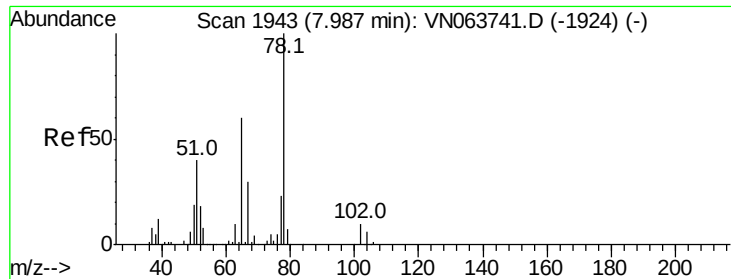
Tot Ion: 56 Resp: 226101
Ion Ratio Lower Upper
56 100
69 32.8 25.4 38.2
84 83.2 63.3 94.9



#32
1,1,1-Trichloroethane
Concen: 47.432 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 97 Resp: 268916
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 49.4 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 45.298 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

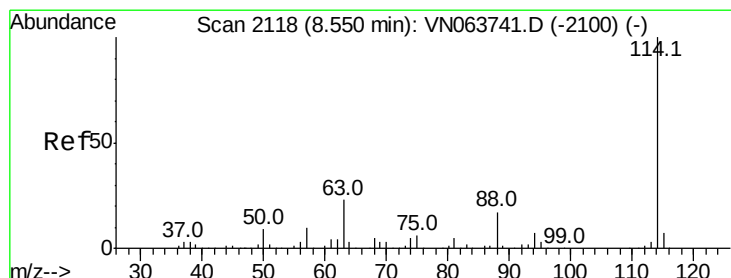
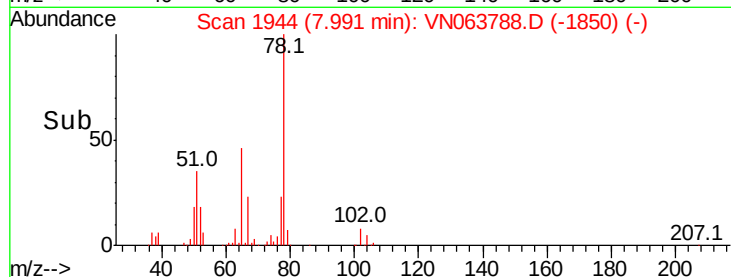
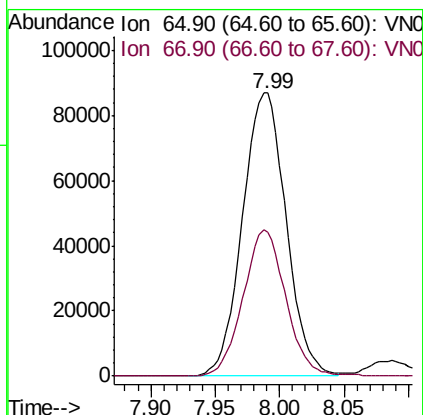
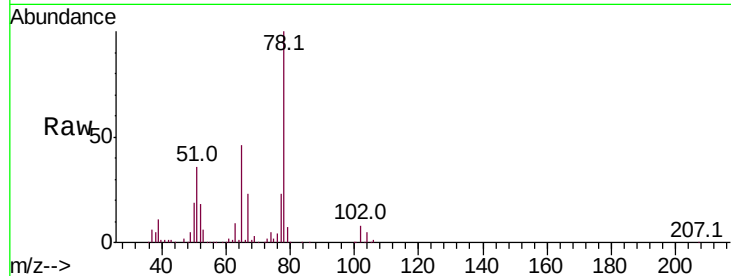
Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 204991

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

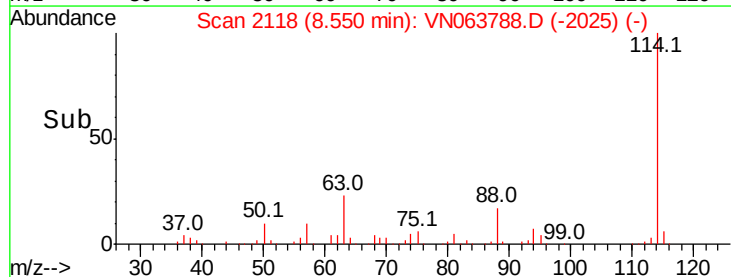
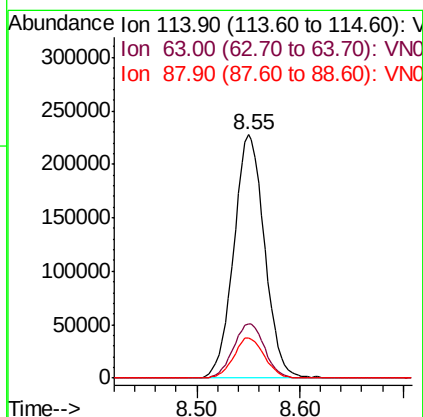
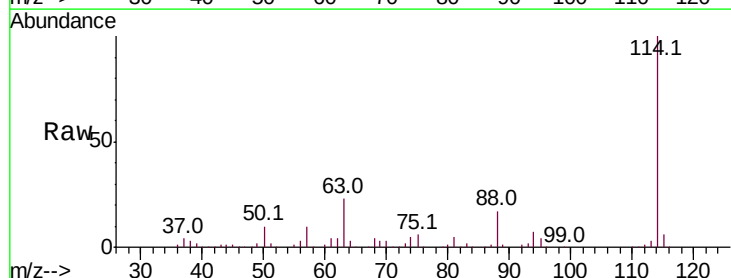
Delta R.T. 0.00 min

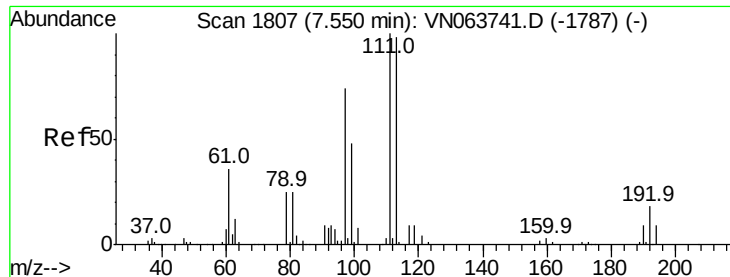
Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Tgt Ion: 114 Resp: 472758

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	16.7	0.0	34.0

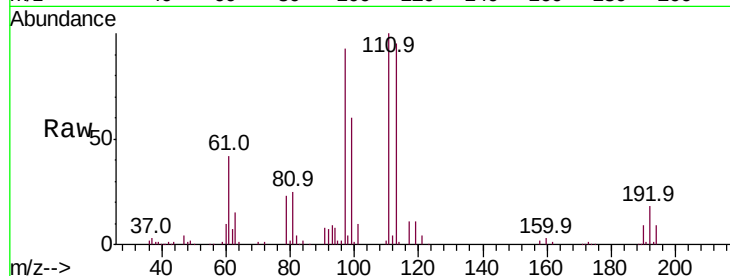




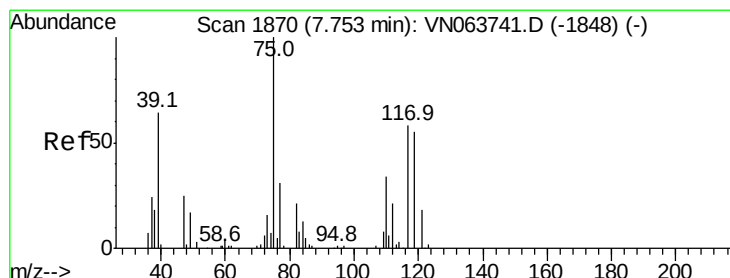
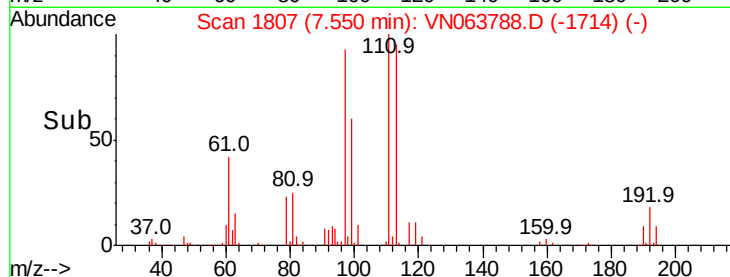
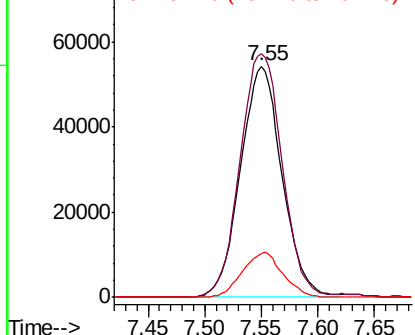
#35
 Dibromofluoromethane
 Concen: 42.157 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 138289
 Ion Ratio Lower Upper
 113 100
 111 107.1 81.8 122.8
 192 18.9 14.2 21.2

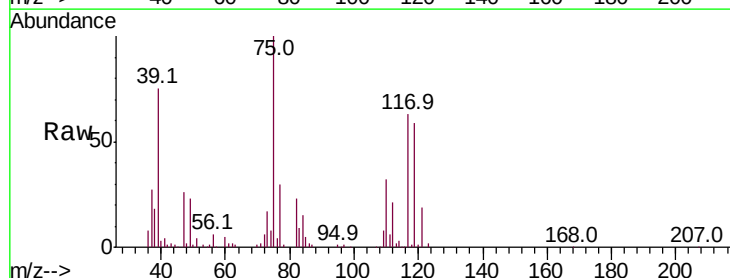


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

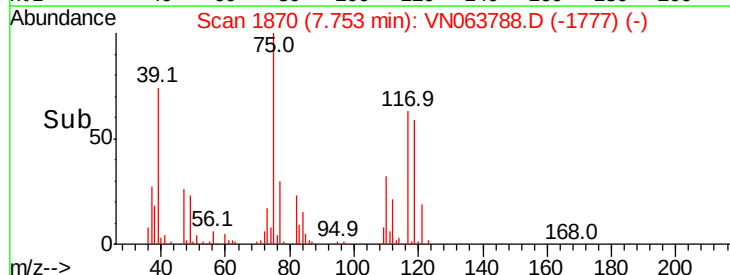
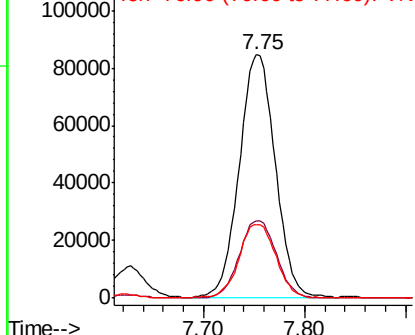


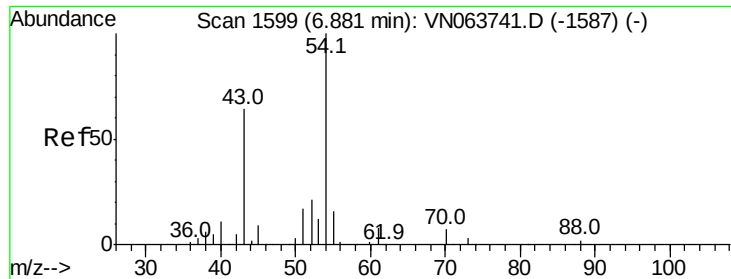
#36
 1,1-Dichloropropene
 Concen: 43.386 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion: 75 Resp: 207799
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.9 50.6
 77 31.7 24.5 36.7



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

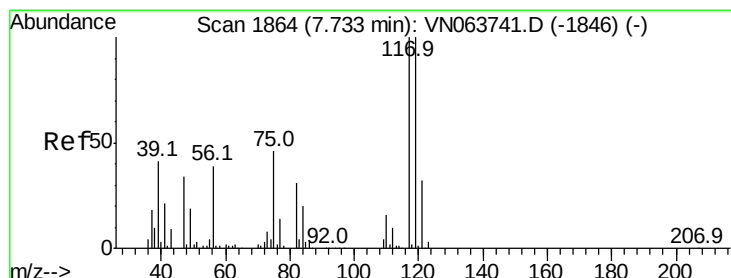
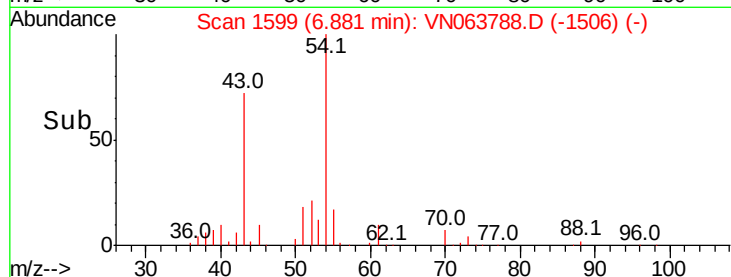
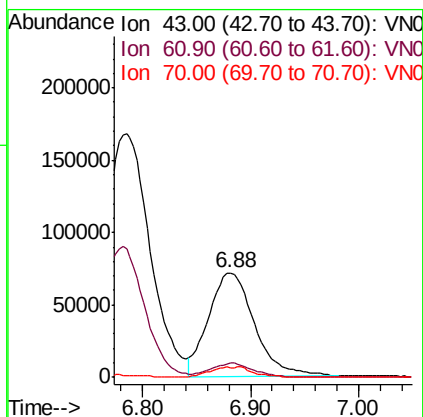
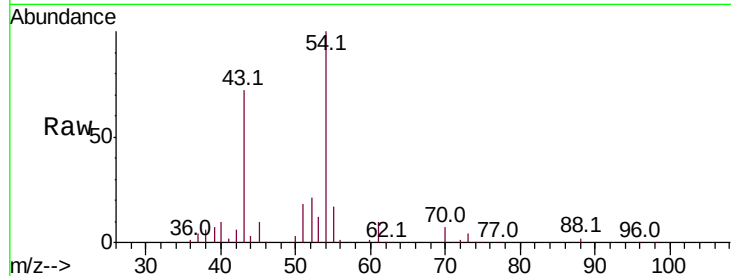




#37
Ethyl Acetate
Concen: 44.240 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

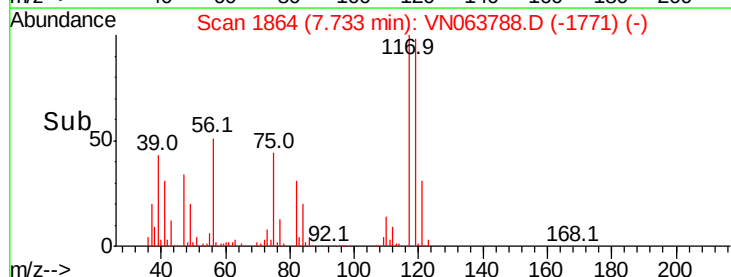
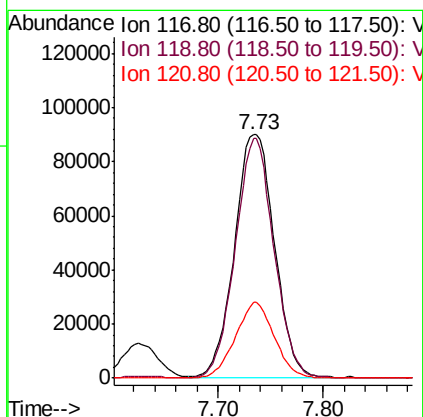
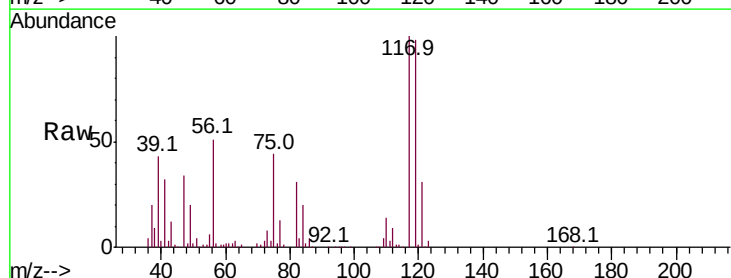
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

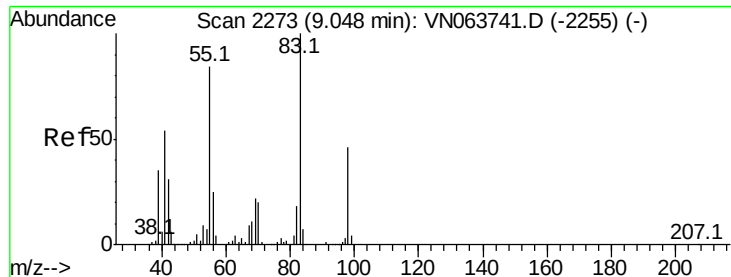
Tot Ion: 43 Resp: 210513
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 4.5 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 44.007 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 117 Resp: 236347
Ion Ratio Lower Upper
117 100
119 98.7 80.1 120.1
121 31.1 25.7 38.5

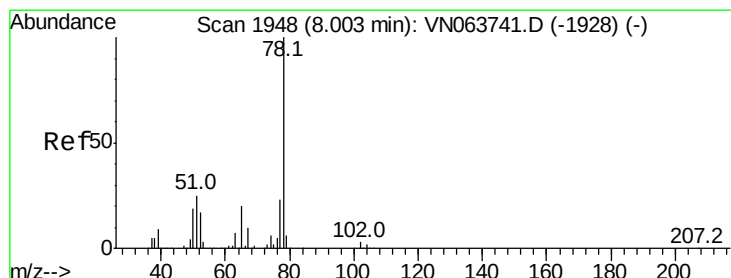
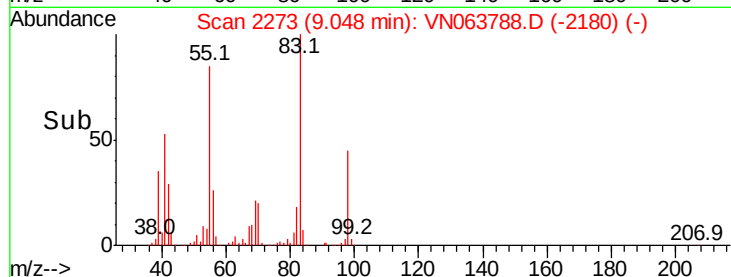
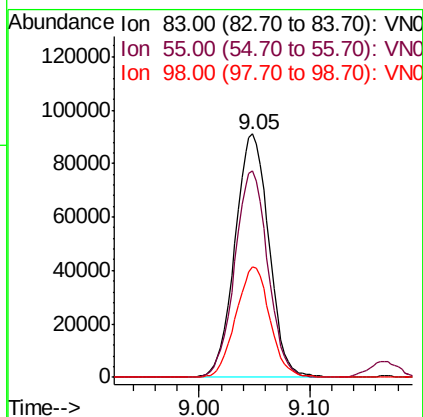
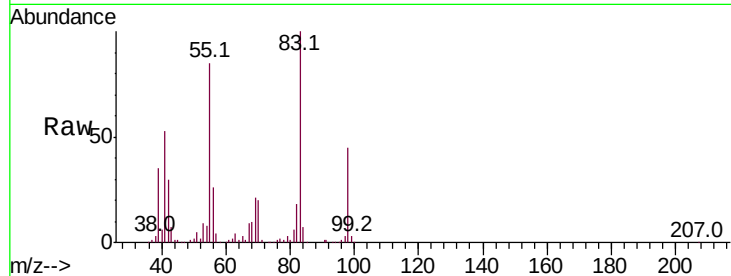




#39
Methylvlcyclohexane
Concen: 40.576 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

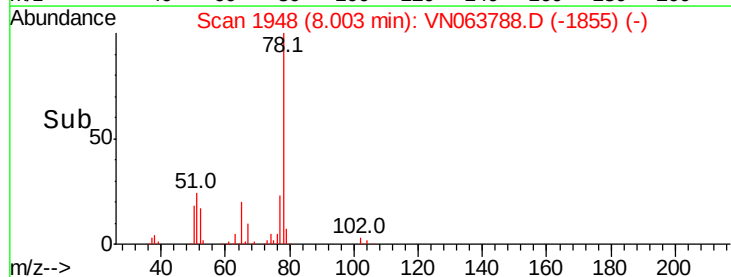
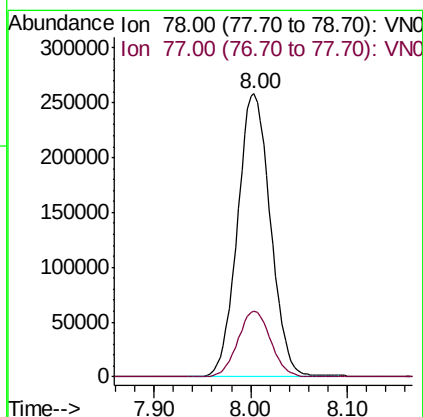
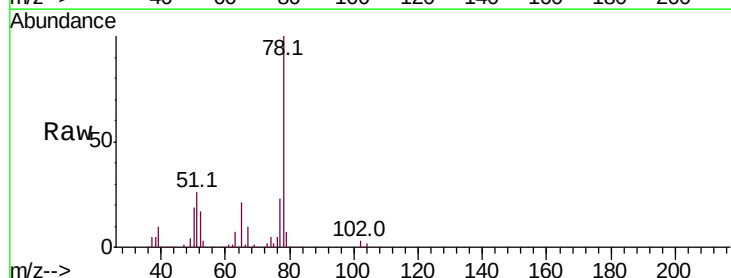
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

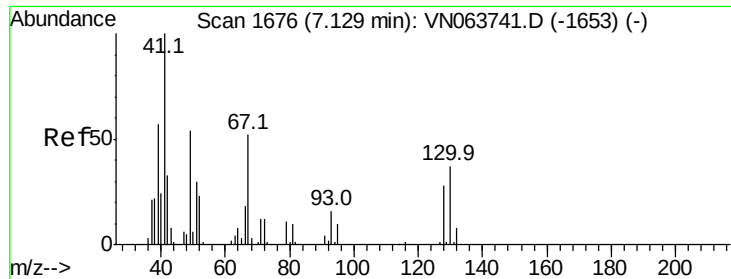
Tot Ion: 83 Resp: 193801
Ion Ratio Lower Upper
83 100
55 84.7 67.1 100.7
98 45.4 36.6 54.8



#40
Benzene
Concen: 44.698 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 78 Resp: 611474
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

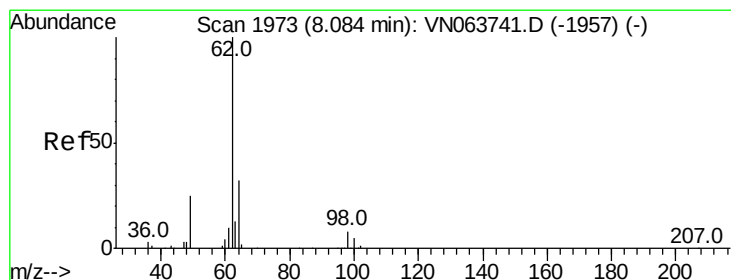
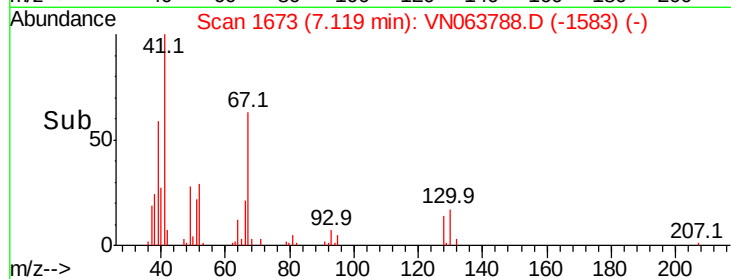
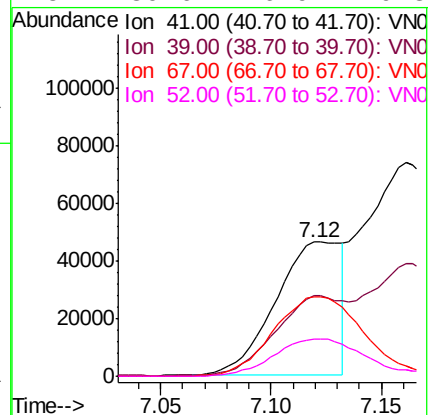
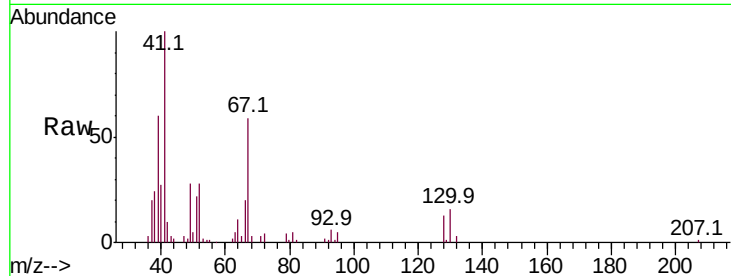




#41
Methacrylonitrile
Concen: 45.377 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

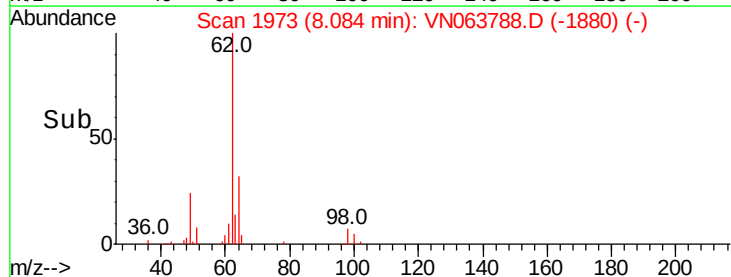
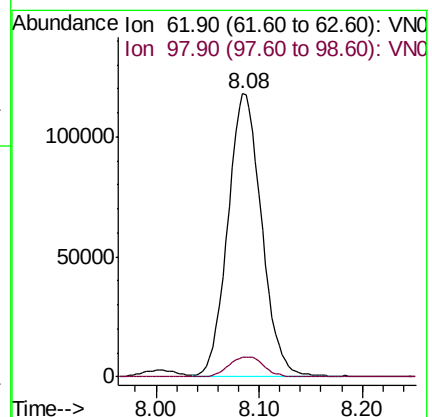
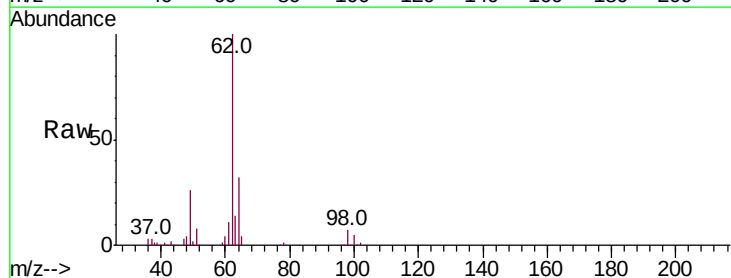
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

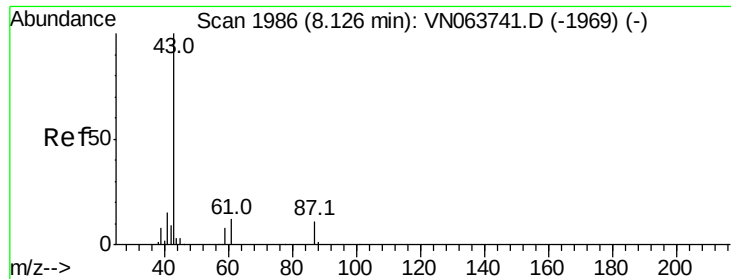
Tot Ion:	41	Resp:	95965
Ion	Ratio	Lower	Upper
41	100		
39	63.9	42.5	63.7#
67	82.3	57.4	86.2
52	39.6	26.9	40.3



#42
1,2-Dichloroethane
Concen: 45.877 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion:	62	Resp:	267897
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.0





#43

Isopropyl Acetate

Concen: 47.273 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

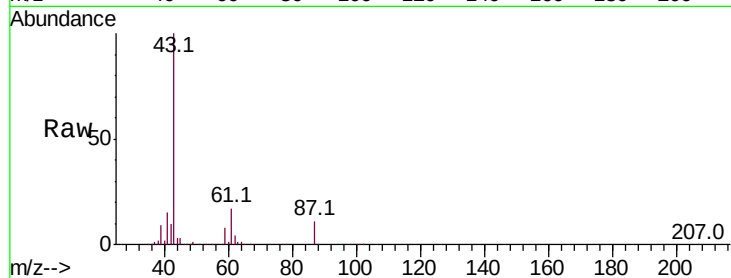
Tot Ion: 43 Resp: 371040

Ion Ratio Lower Upper

43 100

61 17.5 14.2 21.4

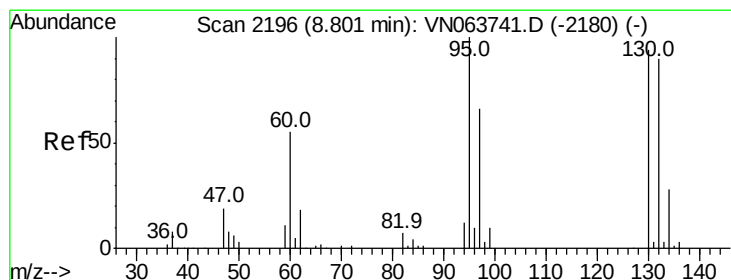
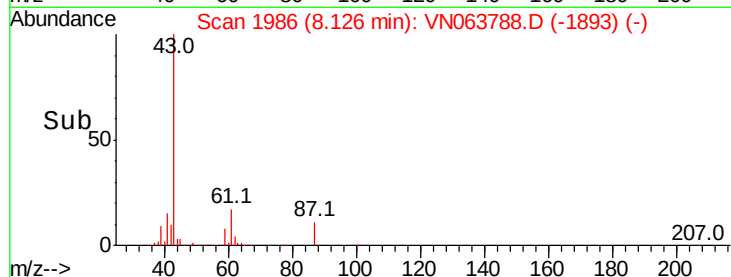
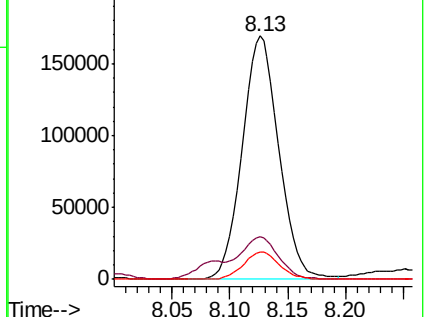
87 11.3 9.0 13.6



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

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

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



#44

Trichloroethene

Concen: 43.014 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063788.D

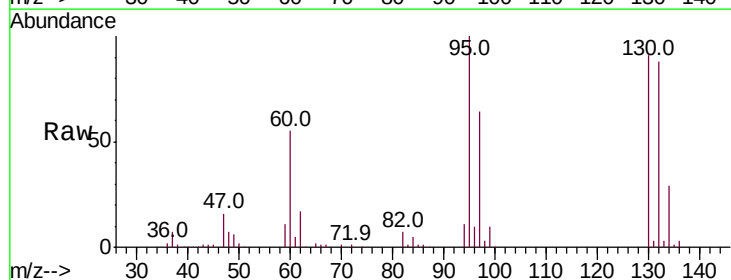
Acq: 1 Oct 2020 21:45

Tgt Ion:130 Resp: 154178

Ion Ratio Lower Upper

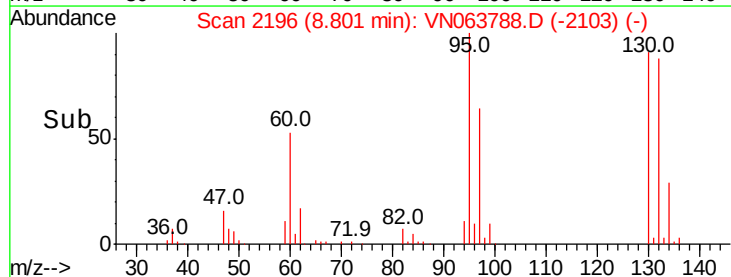
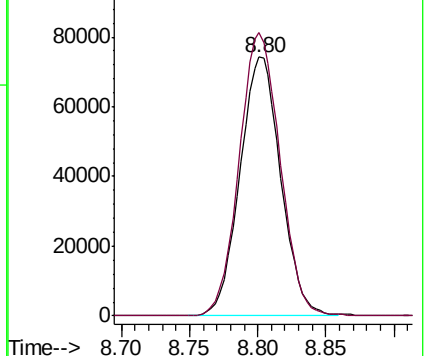
130 100

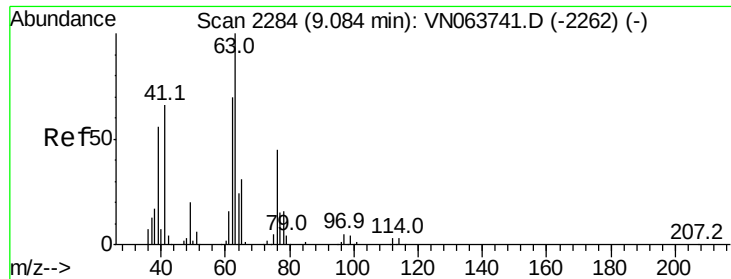
95 109.3 0.0 213.6



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

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

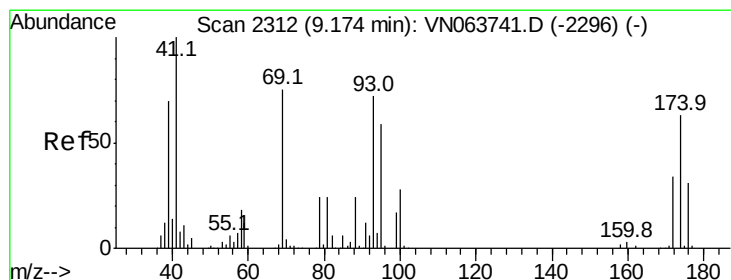
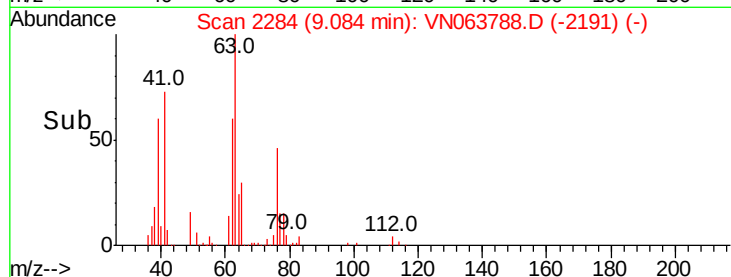
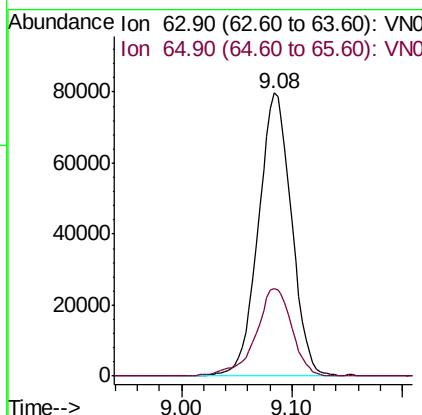
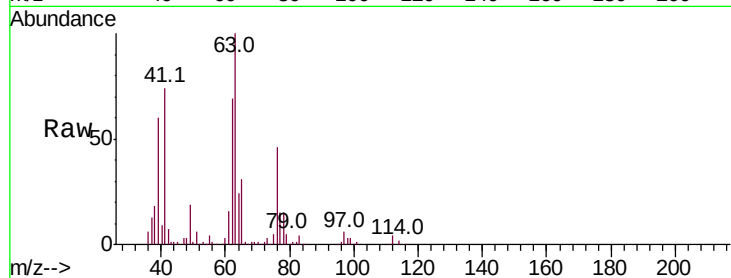




#45
 1,2-Dichloropropane
 Concen: 44.863 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

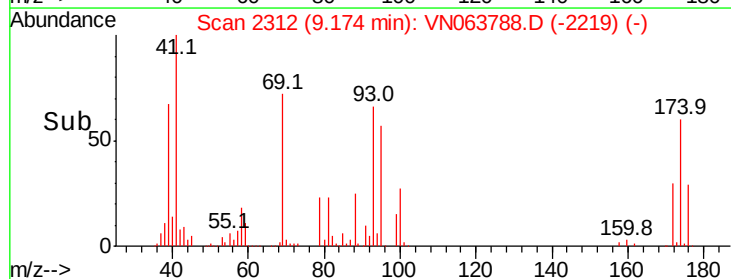
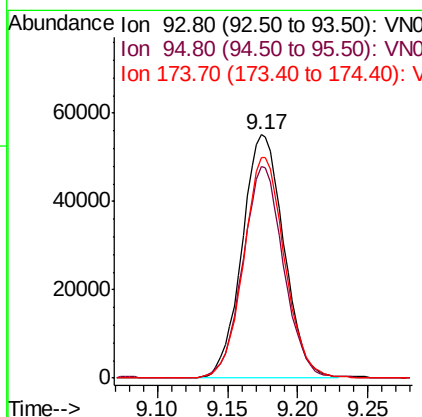
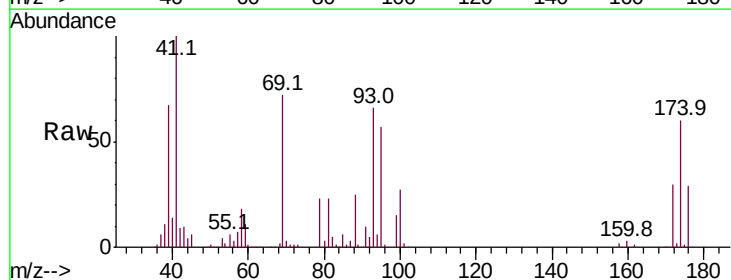
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

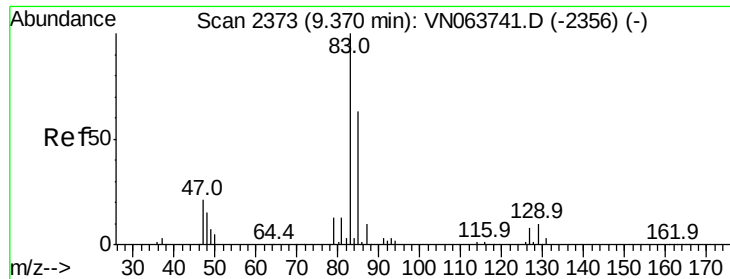
Tot Ion: 63 Resp: 165746
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 44.771 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion: 93 Resp: 114107
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.3 99.5
 174 89.1 72.7 109.1





#47

Bromodichloromethane

Concen: 46.808 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

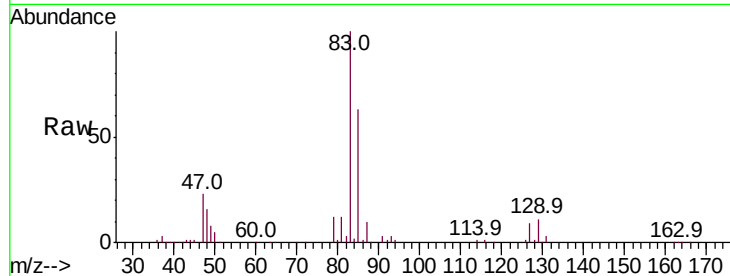
Tot Ion: 83 Resp: 245866

Ion Ratio Lower Upper

83 100

85 62.8 50.6 75.8

127 8.6 6.6 9.8

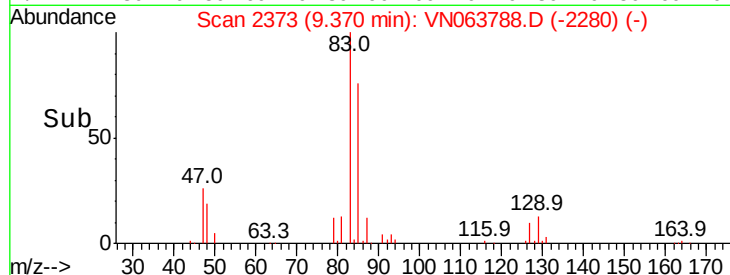


Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-2356) (-)

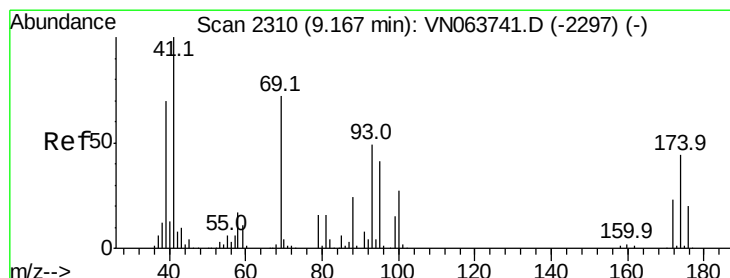
Ion 84.90 (84.60 to 85.60): VN063741.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063741.D (-2356) (-)

Time-->



Time-->



#48

Methyl methacrylate

Concen: 48.298 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

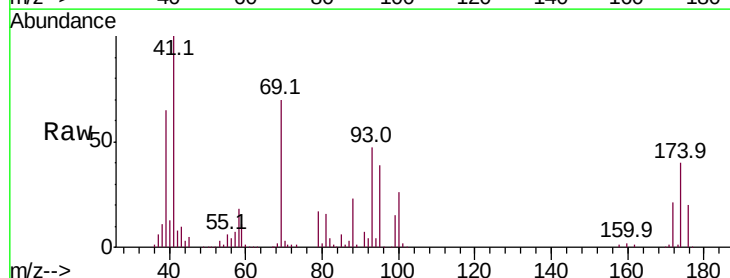
Tgt Ion: 41 Resp: 187290

Ion Ratio Lower Upper

41 100

69 73.2 60.9 91.3

39 68.0 57.5 86.3

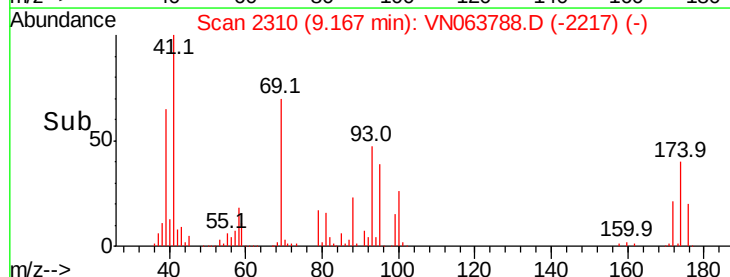


Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-2297) (-)

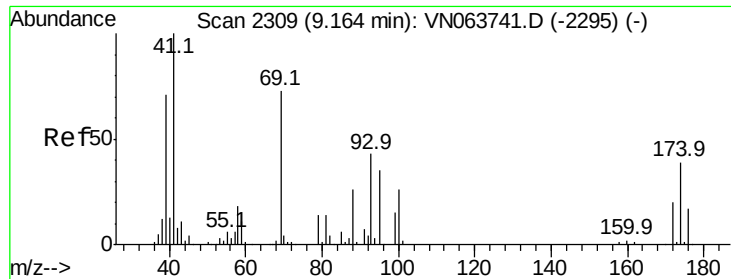
Ion 69.00 (68.70 to 69.70): VN063741.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-2297) (-)

Time-->



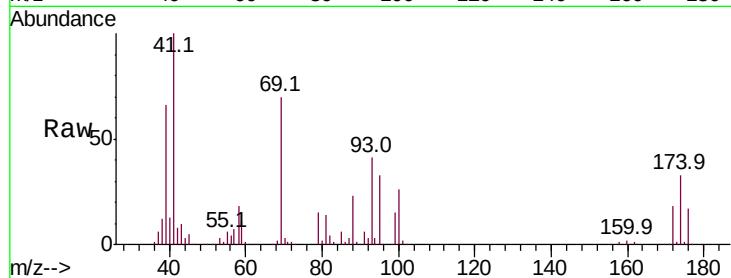
Time-->



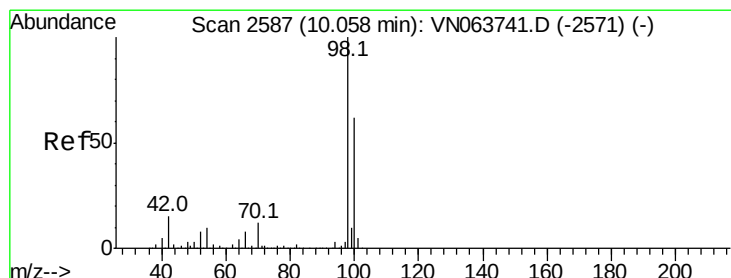
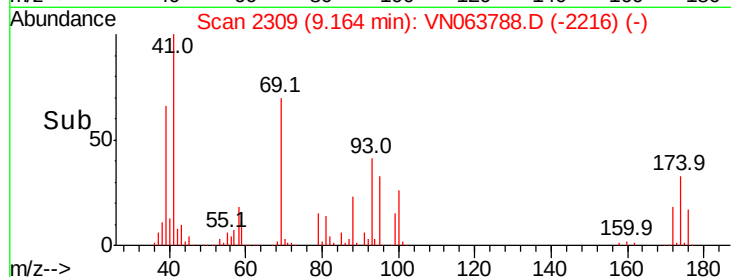
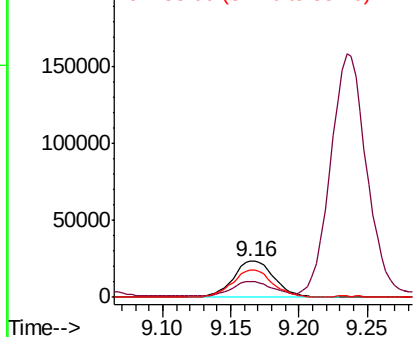
#49
1,4-Dioxane
Concen: 902.611 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 49745
Ion Ratio Lower Upper
88 100
43 38.3 33.1 49.7
58 74.2 58.9 88.3

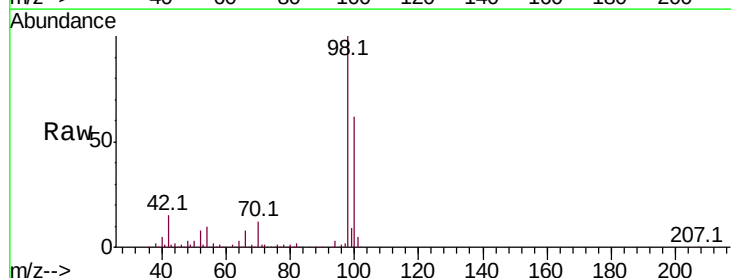


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

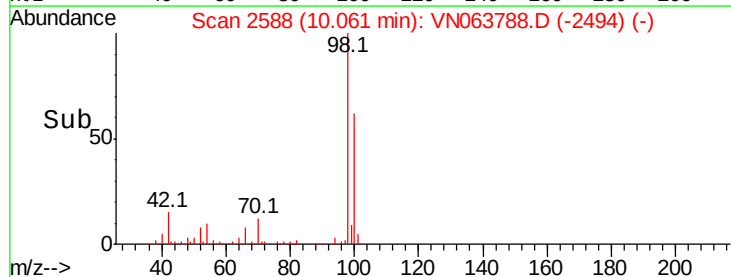
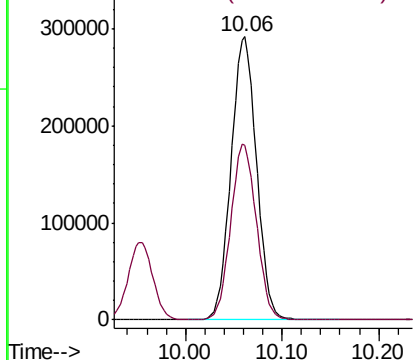


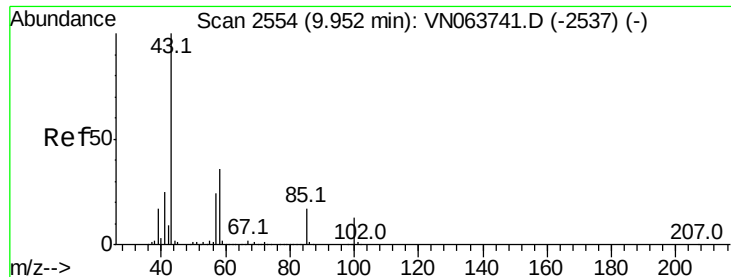
#50
Toluene-d8
Concen: 42.806 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 98 Resp: 532316
Ion Ratio Lower Upper
98 100
100 62.6 49.8 74.6



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

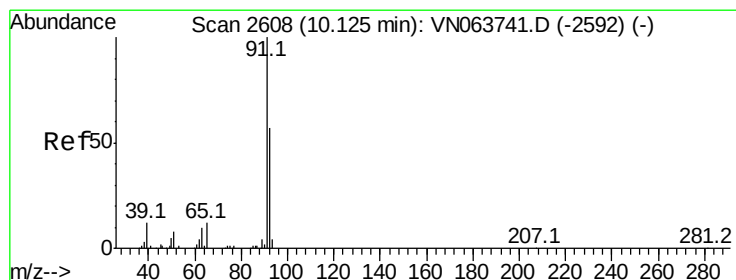
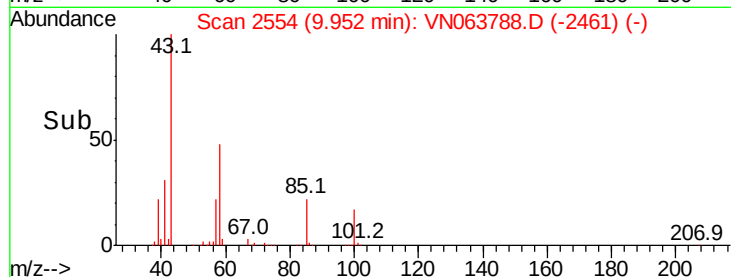
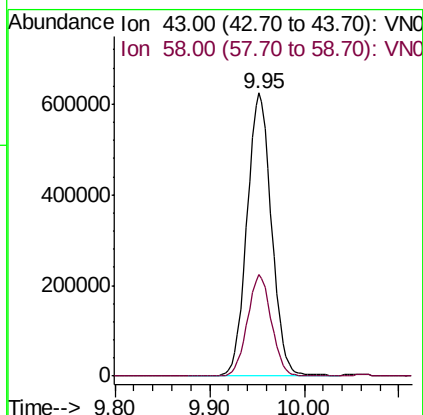
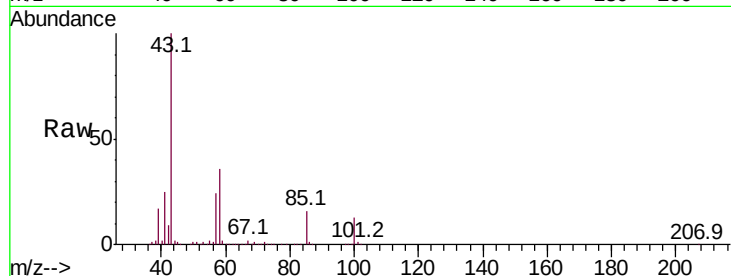




#51
4-Methyl-2-Pentanone
Concen: 242.771 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

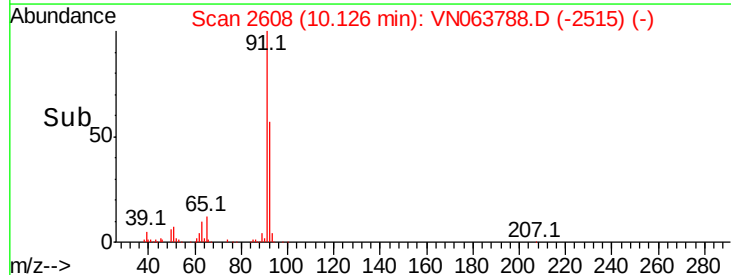
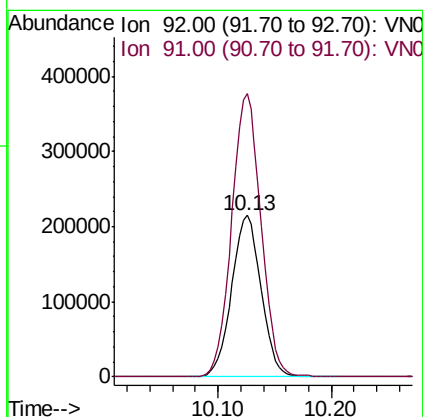
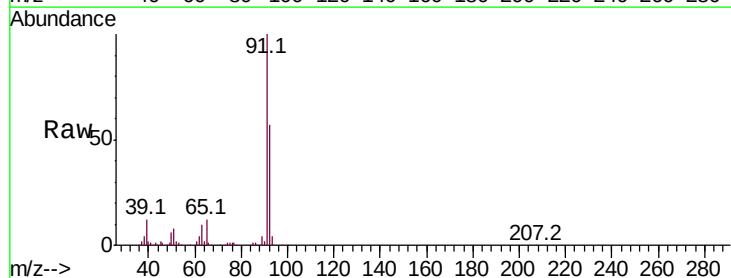
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

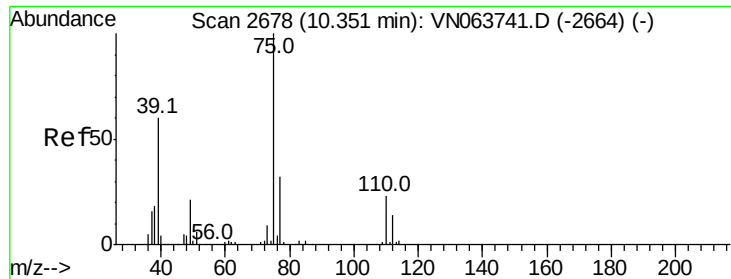
Tot Ion: 43 Resp: 1118218
Ion Ratio Lower Upper
43 100
58 35.3 28.4 42.6



#52
Toluene
Concen: 45.955 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 92 Resp: 388852
Ion Ratio Lower Upper
92 100
91 174.9 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 45.496 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

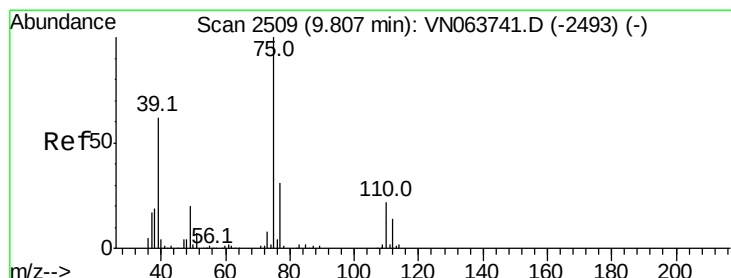
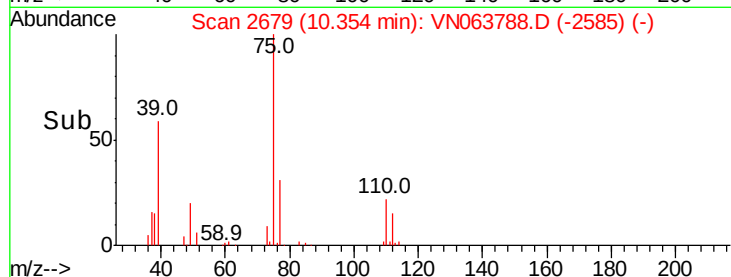
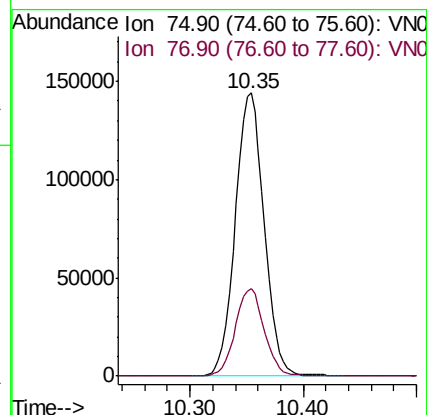
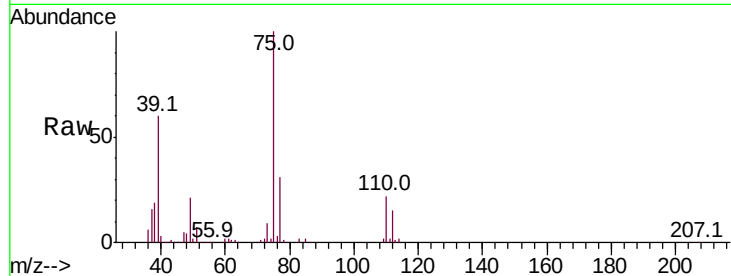
VSTDCCC050EC

Tot Ion: 75 Resp: 256170

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 45.318 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

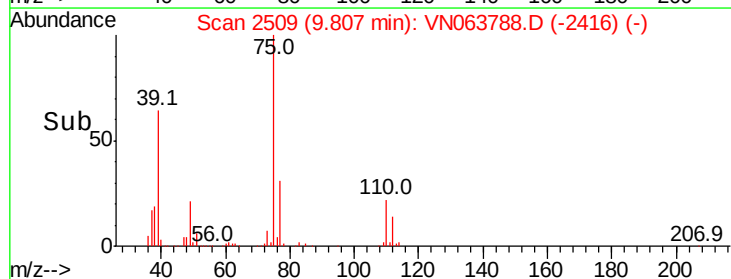
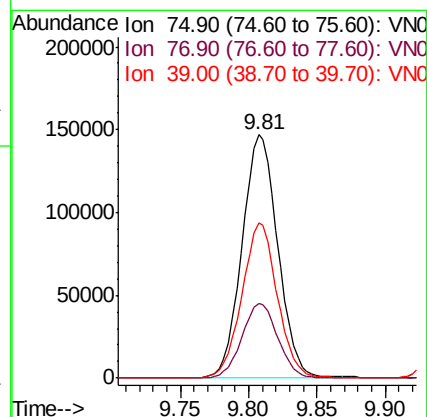
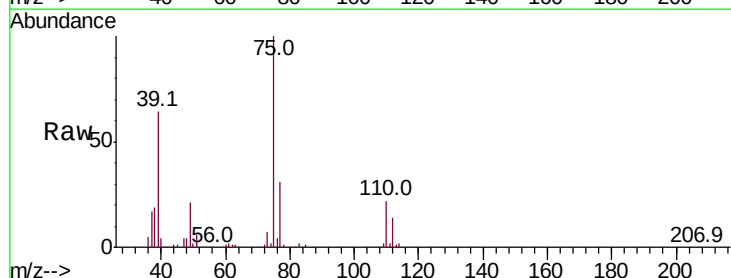
Tgt Ion: 75 Resp: 266858

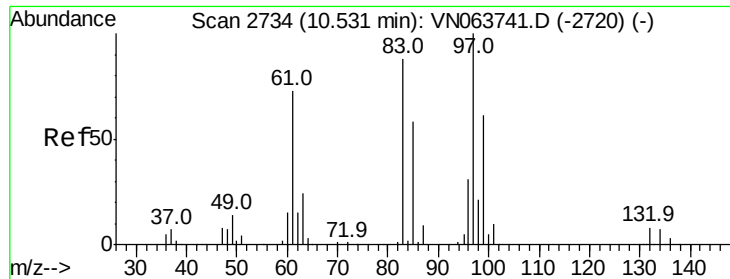
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 63.7 49.7 74.5



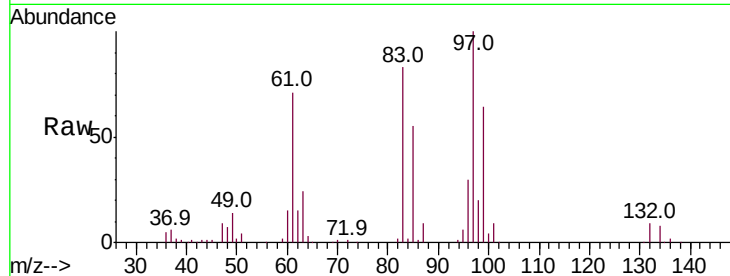


#55
 1,1,2-Trichloroethane
 Concen: 47.300 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

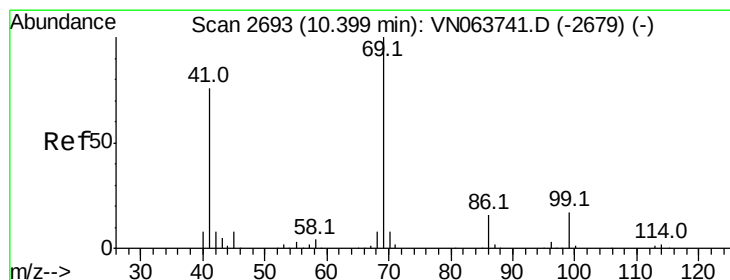
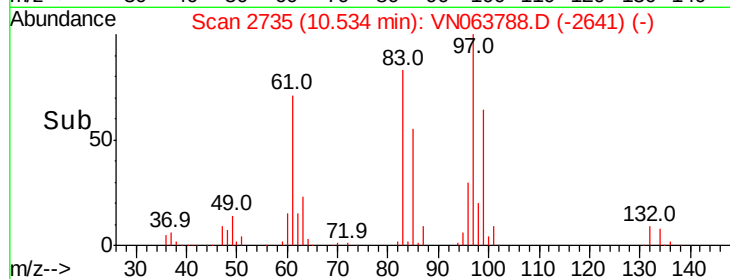
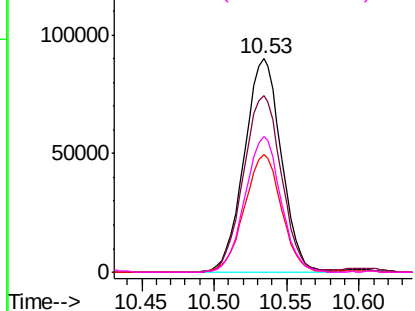
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 160506

Ion	Ratio	Lower	Upper
97	100		
83	82.7	70.7	106.1
85	55.3	46.1	69.1
99	63.8	48.8	73.2



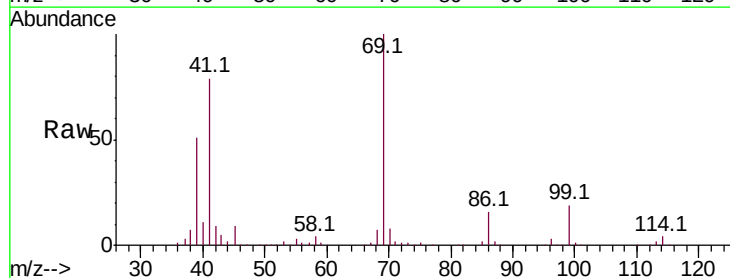
Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO



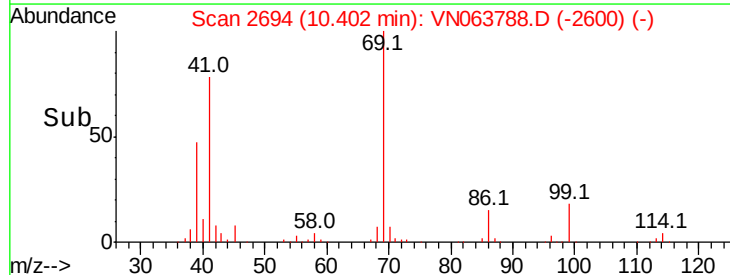
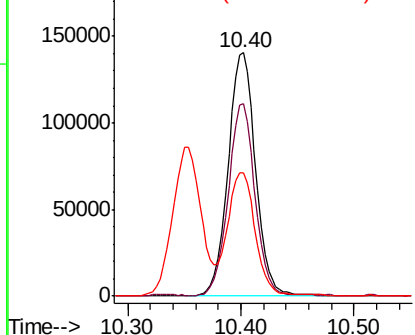
#56
 Ethyl methacrylate
 Concen: 49.335 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

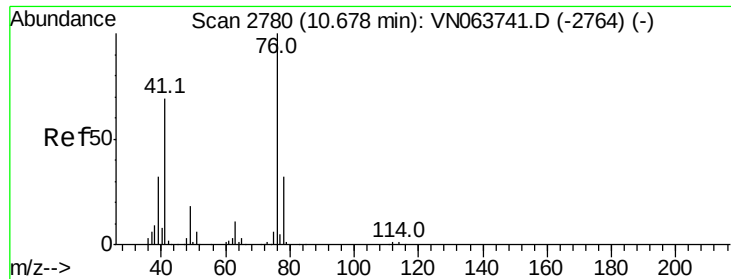
Tgt Ion: 69 Resp: 237300

Ion	Ratio	Lower	Upper
69	100		
41	76.0	61.1	91.7
39	50.5	42.2	63.4



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 46.782 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

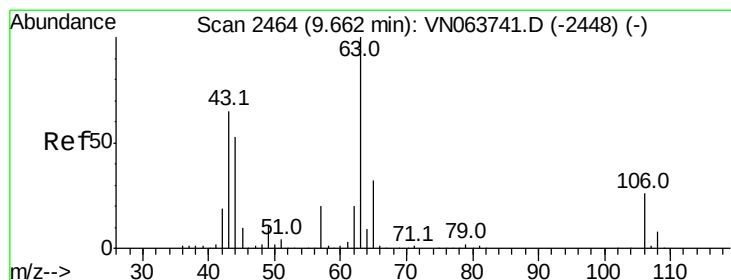
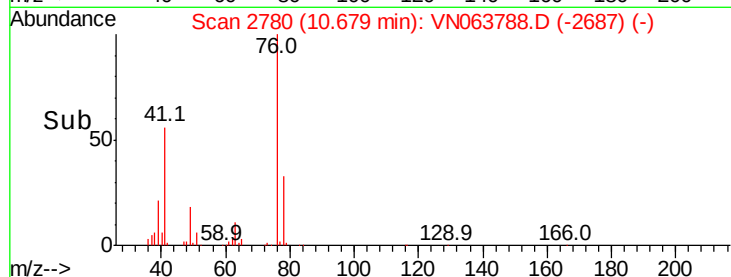
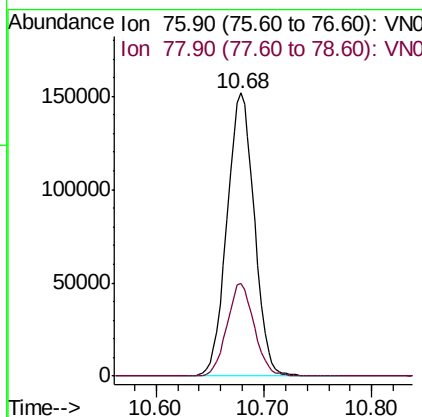
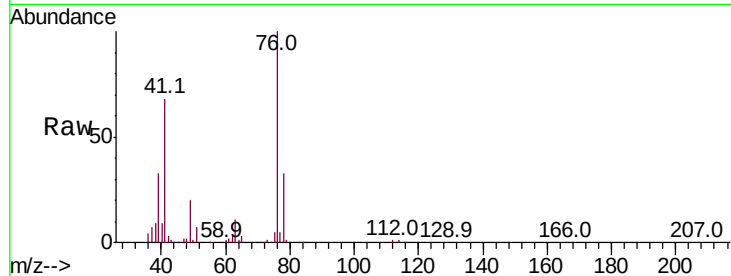
Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 268574

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.2	37.8



#58

2-Chloroethyl Vinyl ether

Concen: 240.513 ug/l

RT: 9.66 min Scan# 2464

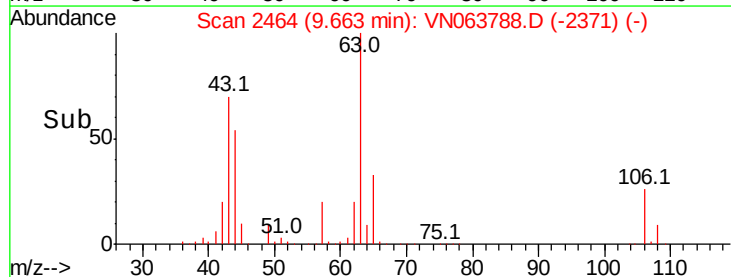
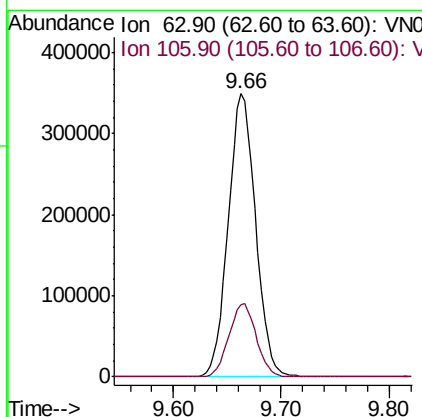
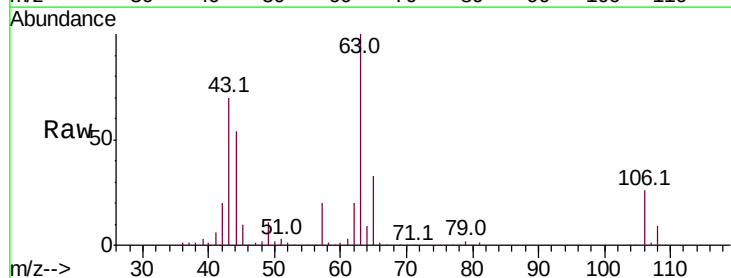
Delta R.T. 0.00 min

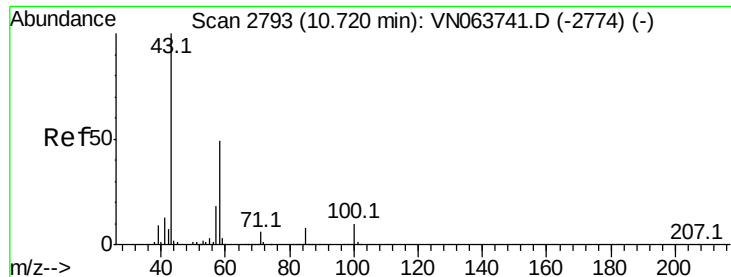
Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Tgt Ion: 63 Resp: 618819

Ion	Ratio	Lower	Upper
63	100		
106	26.0	20.7	31.1

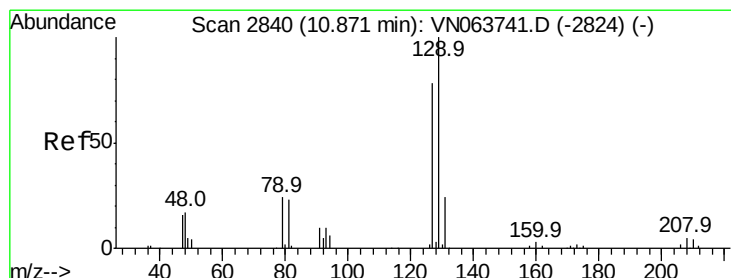
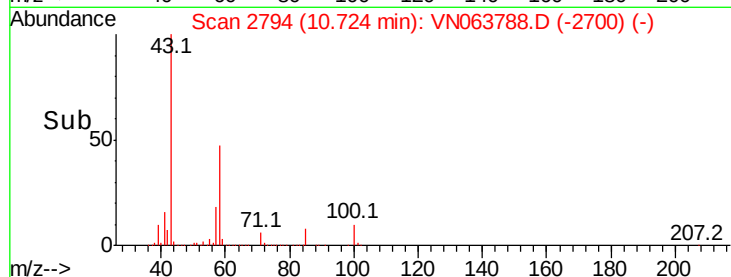
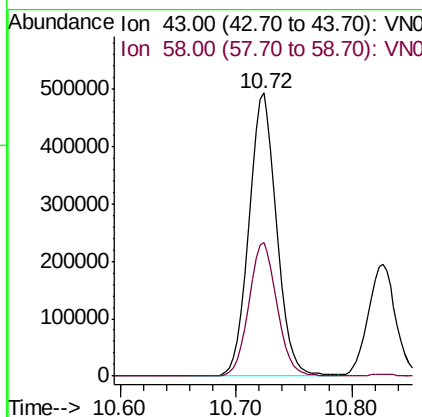
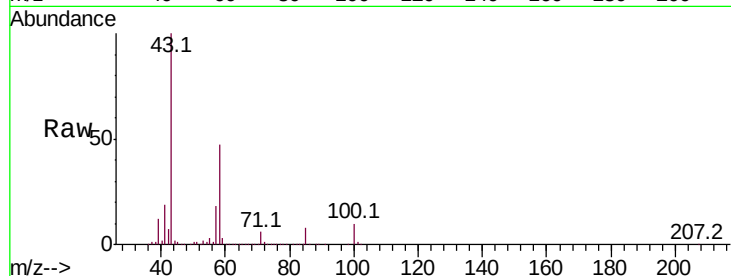




#59
2-Hexanone
Concen: 239.273 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

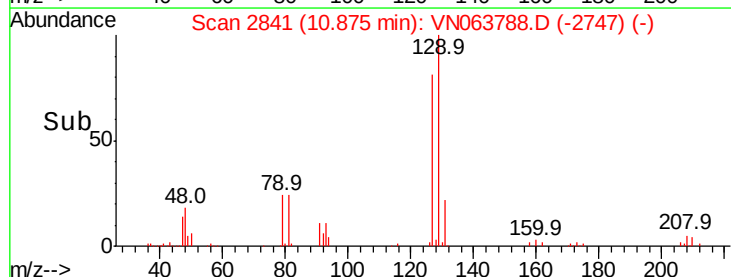
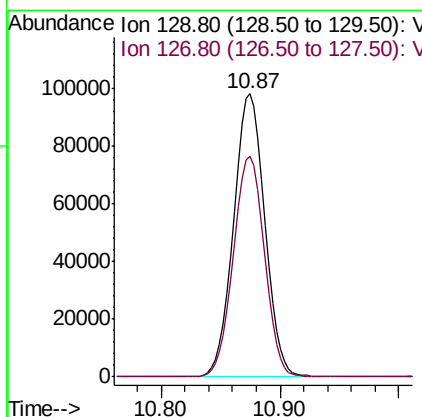
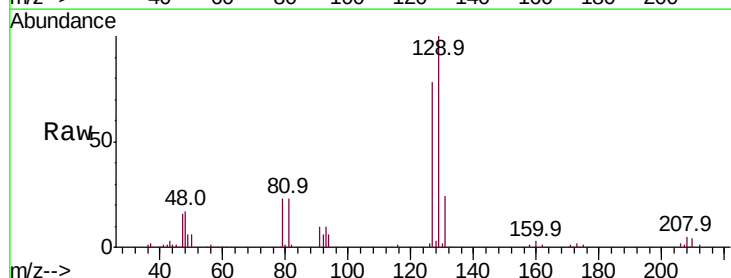
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

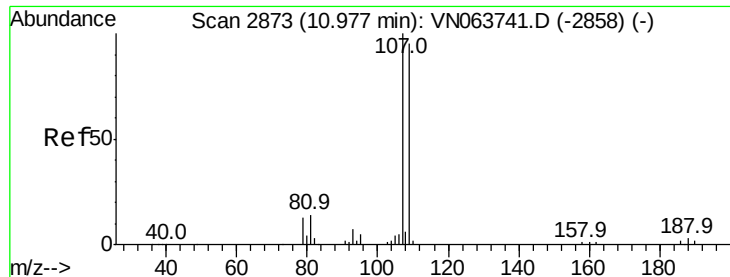
Tot Ion: 43 Resp: 818711
Ion Ratio Lower Upper
43 100
58 48.2 24.6 73.8



#60
Dibromochloromethane
Concen: 45.303 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 129 Resp: 179032
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 48.131 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

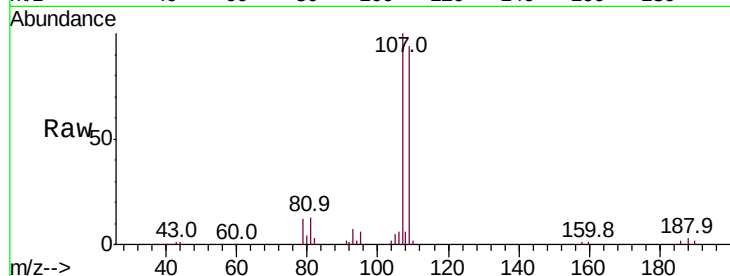
VSTDCCC050EC

Tot Ion:107 Resp: 167071

Ion Ratio Lower Upper

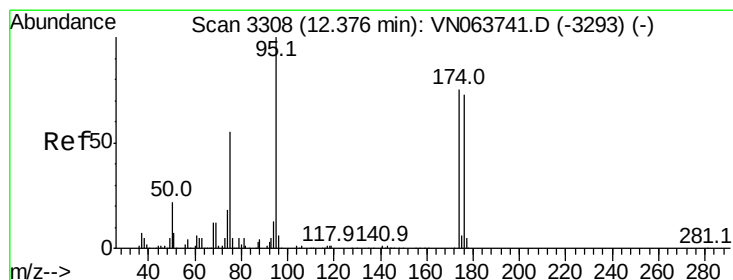
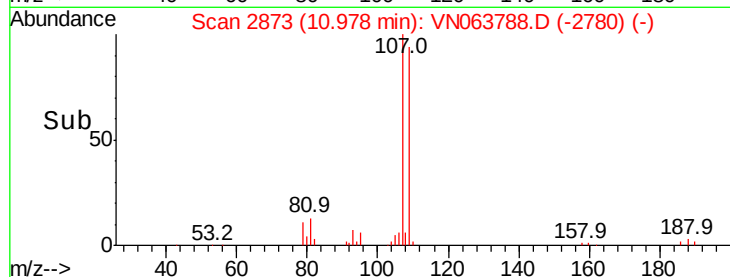
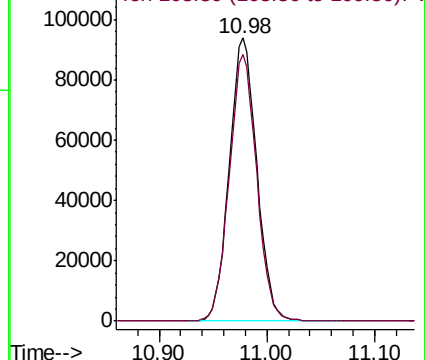
107 100

109 93.7 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.435 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

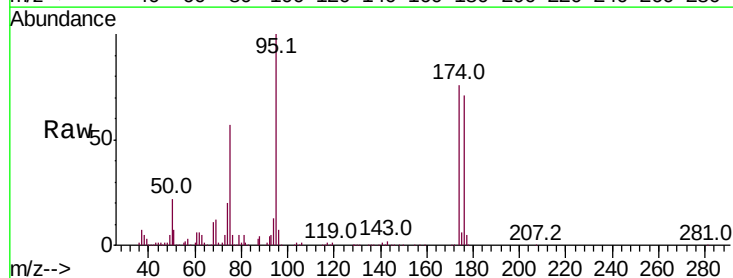
Tgt Ion: 95 Resp: 203043

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

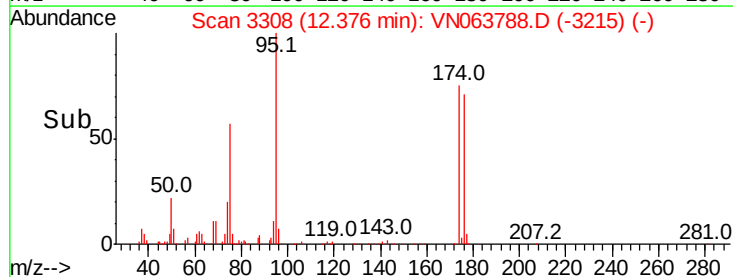
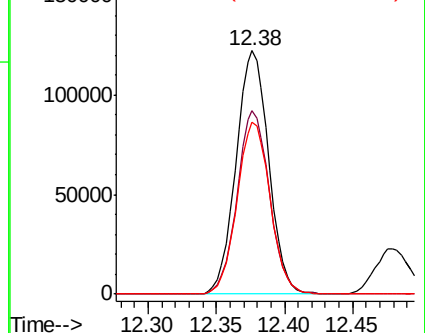
176 71.5 0.0 145.4

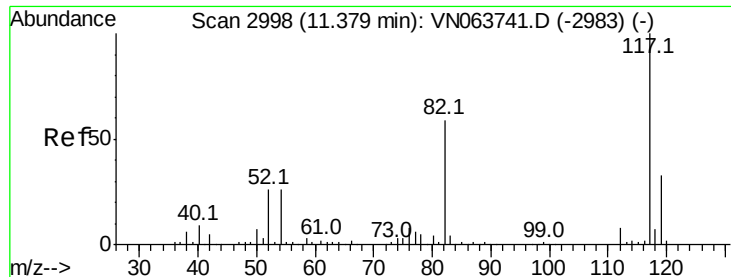


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

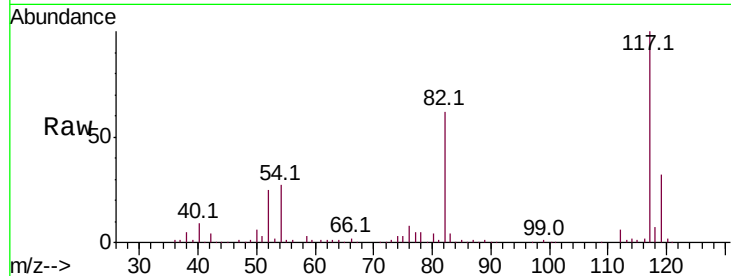




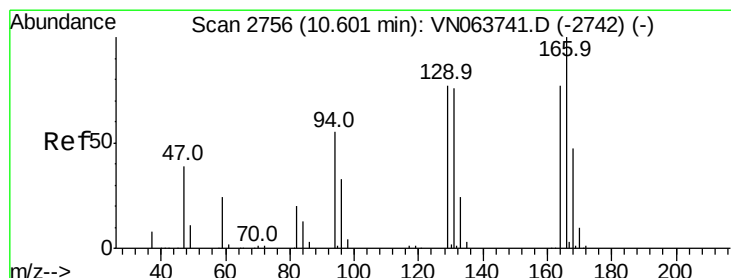
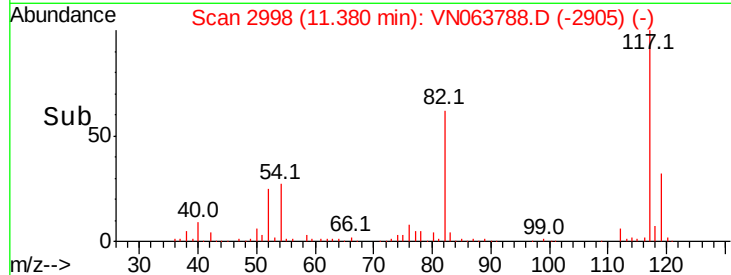
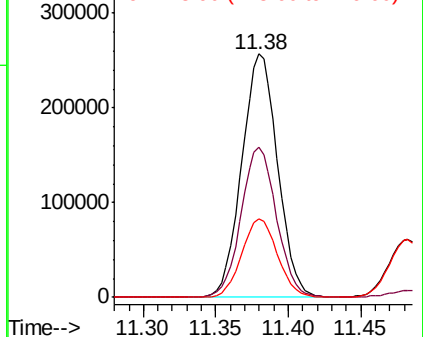
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 442512
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 32.1 26.4 39.6

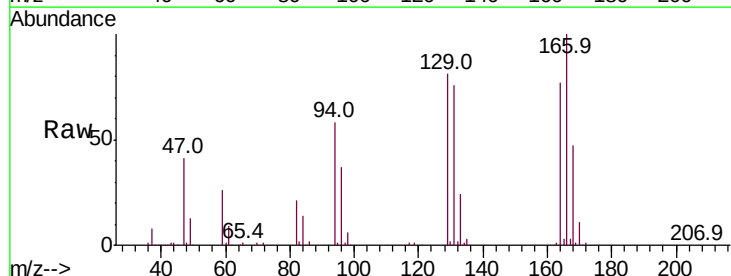


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

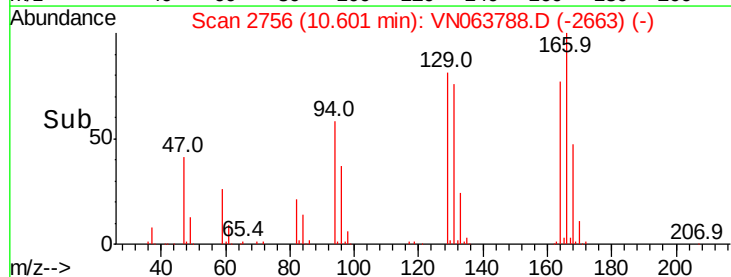
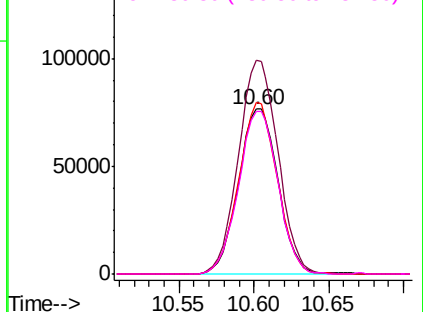


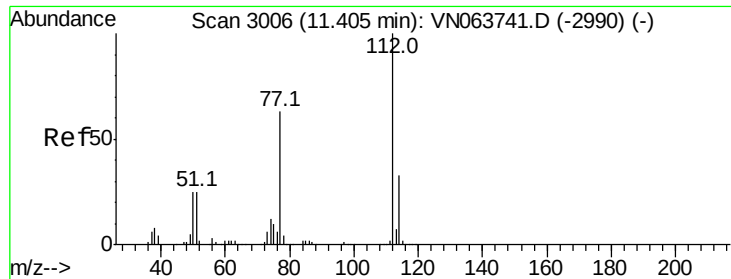
#64
Tetrachloroethene
Concen: 41.206 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion:164 Resp: 141071
Ion Ratio Lower Upper
164 100
166 129.5 103.9 155.9
129 104.3 80.3 120.5
131 98.6 78.9 118.3



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

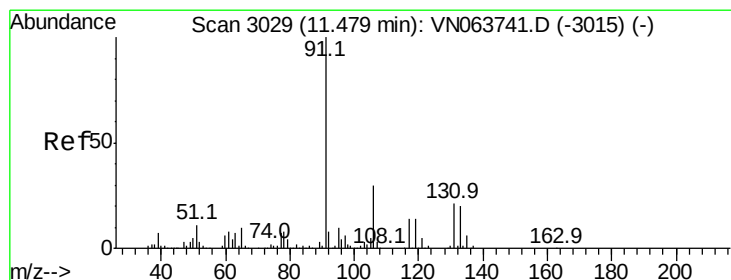
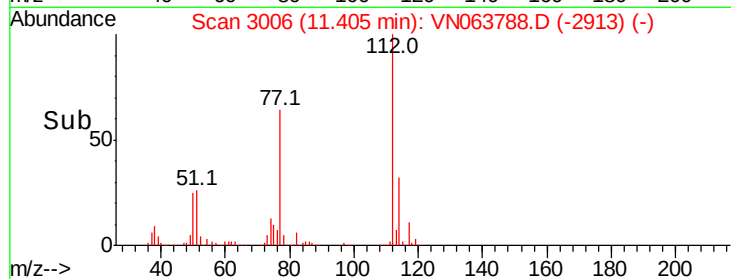
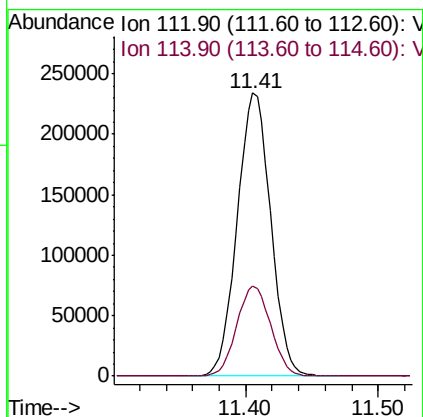
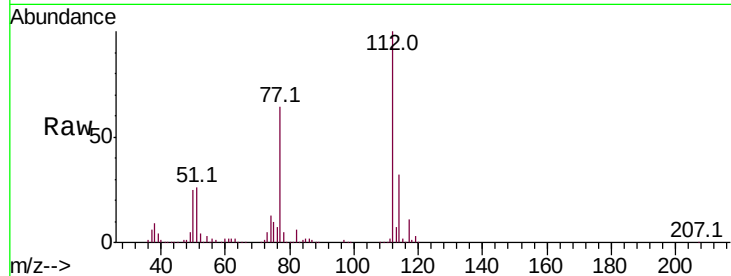




#65
Chlorobenzene
Concen: 45.263 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

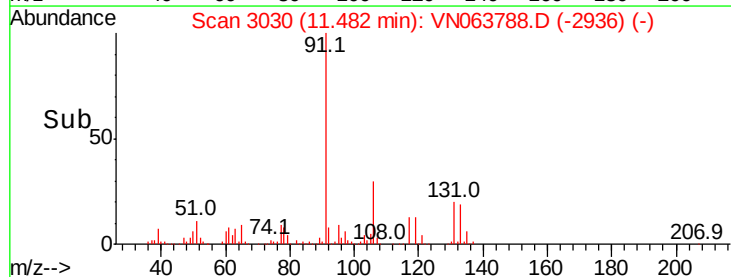
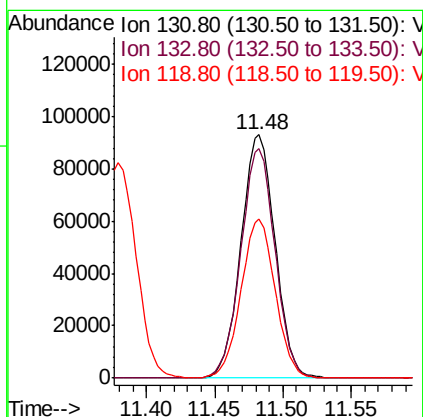
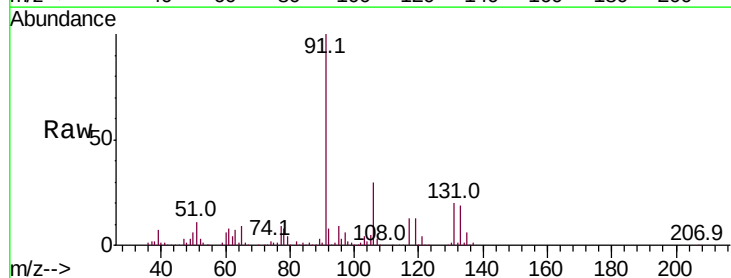
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

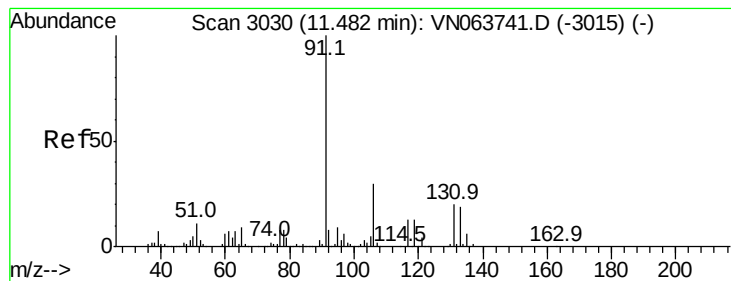
Tot Ion:112 Resp: 410870
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 46.499 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion:131 Resp: 161814
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.8
119 65.6 32.6 97.7





#67

Ethyl Benzene

Concen: 46.310 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

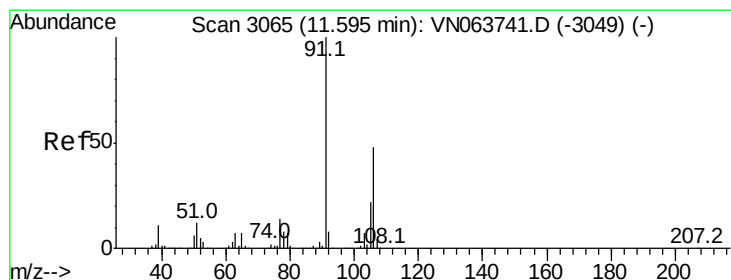
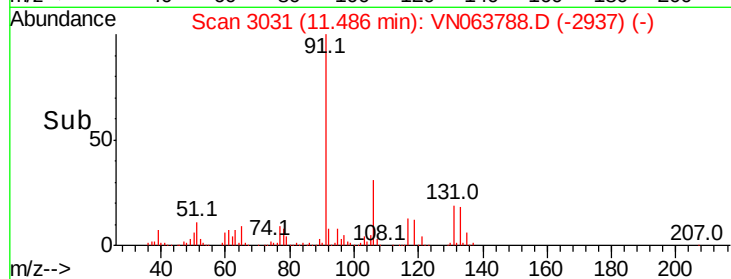
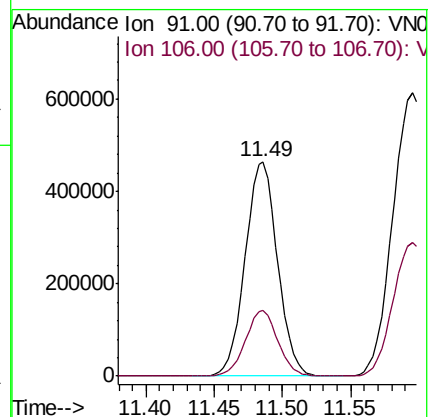
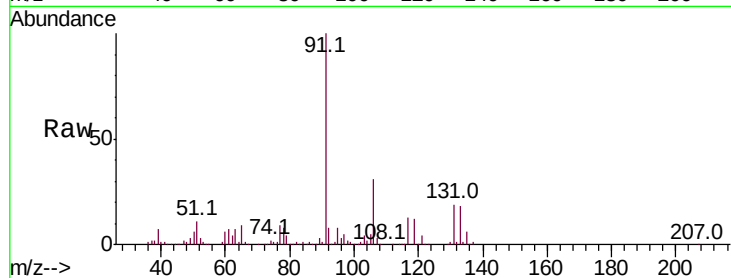
VSTDCCC050EC

Tot Ion: 91 Resp: 764916

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.2



#68

m/p-Xylenes

Concen: 91.191 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063788.D

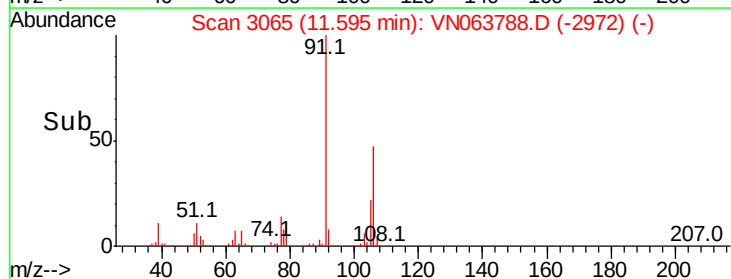
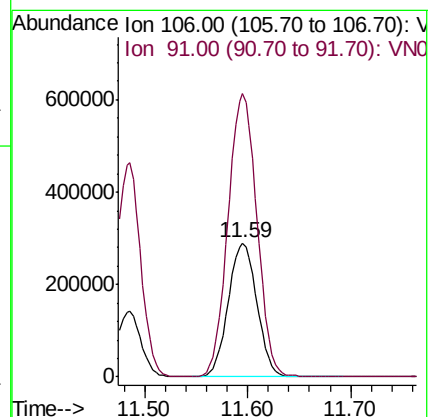
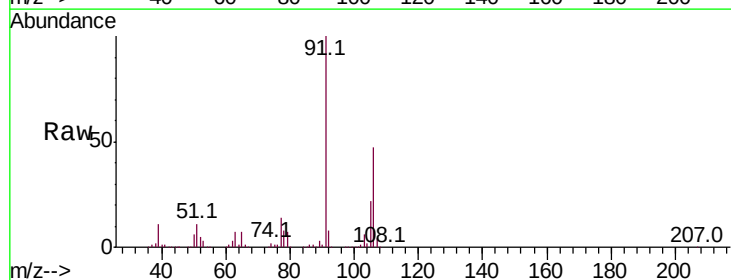
Acq: 1 Oct 2020 21:45

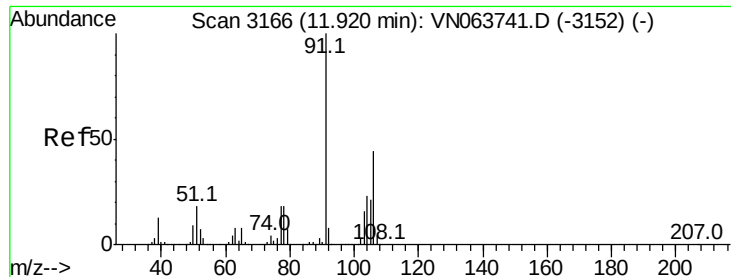
Tgt Ion: 106 Resp: 561370

Ion Ratio Lower Upper

106 100

91 213.3 168.0 252.0

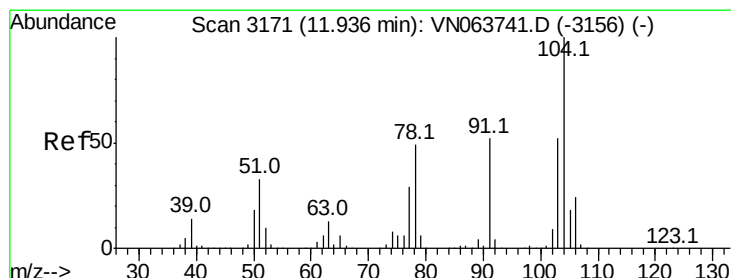
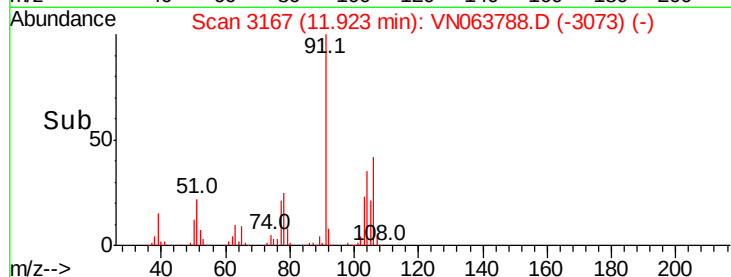
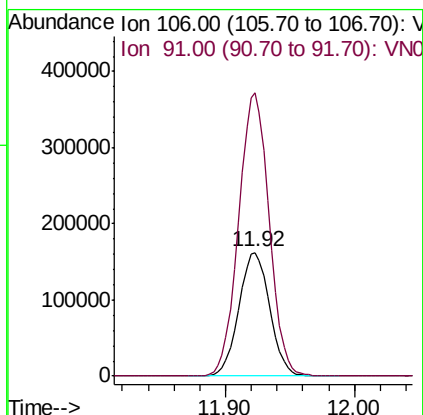
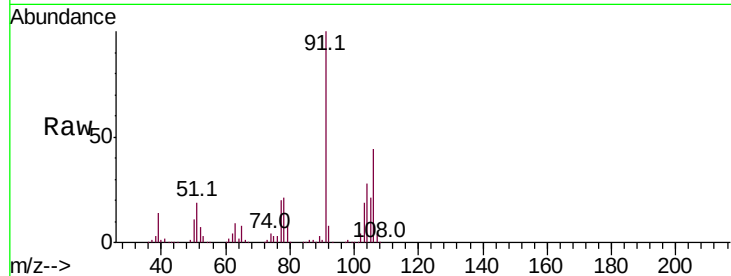




#69
o-Xylene
Concen: 47.142 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

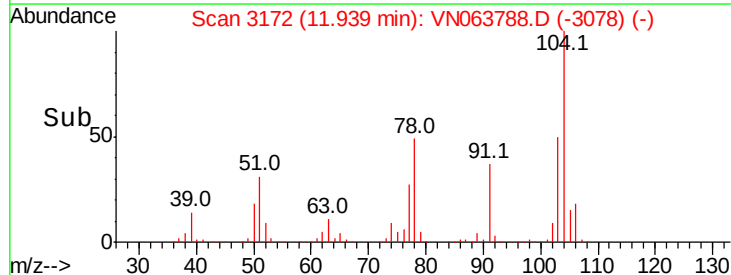
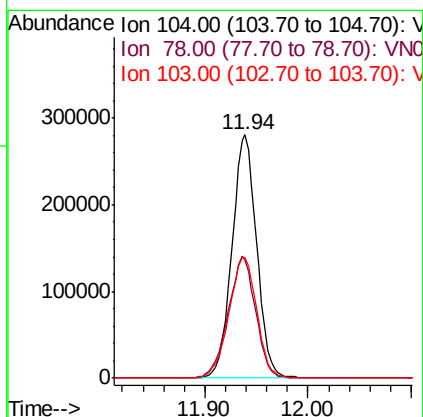
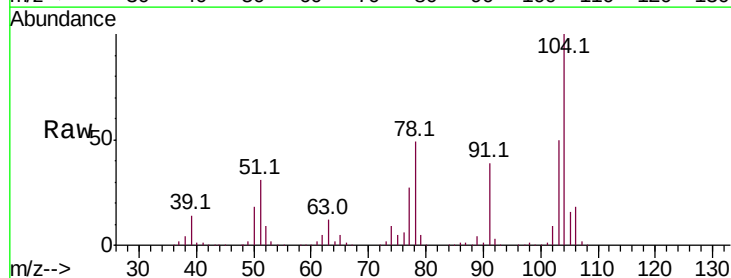
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

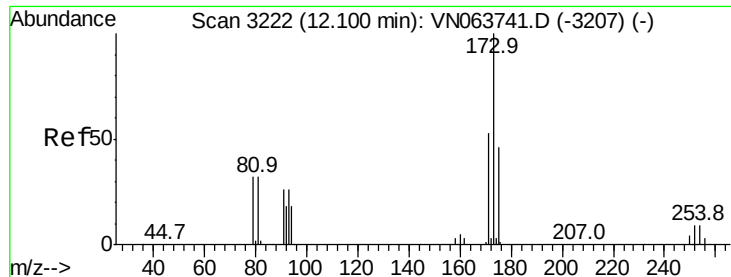
Tot Ion:106 Resp: 271243
Ion Ratio Lower Upper
106 100
91 225.3 112.7 338.0



#70
Styrene
Concen: 47.967 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion:104 Resp: 468490
Ion Ratio Lower Upper
104 100
78 55.6 44.1 66.1
103 55.8 44.3 66.5





#71

Bromoform

Concen: 45.660 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

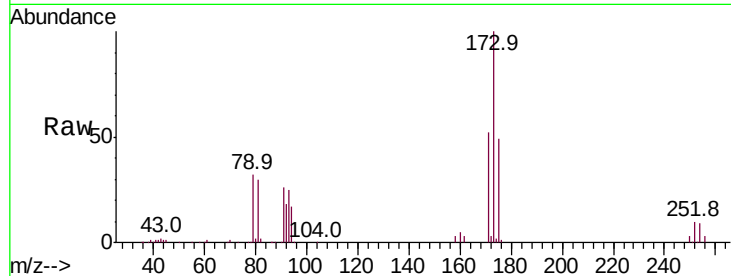
Tot Ion:173 Resp: 121524

Ion Ratio Lower Upper

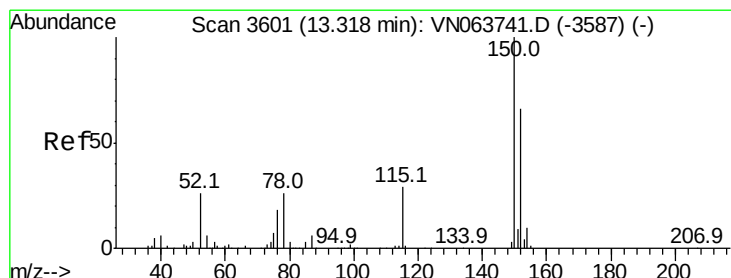
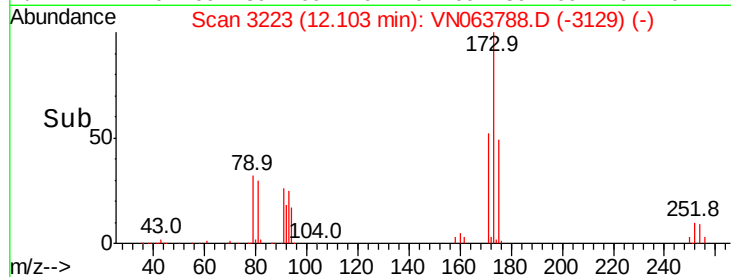
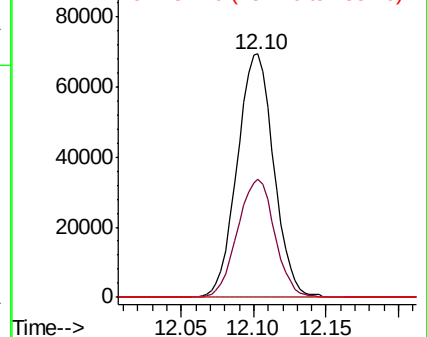
173 100

175 49.3 23.5 70.5

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

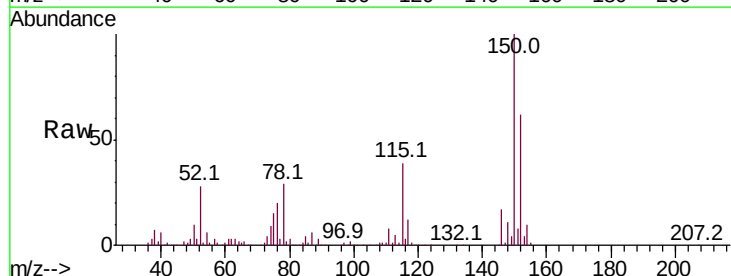
Tgt Ion:152 Resp: 216132

Ion Ratio Lower Upper

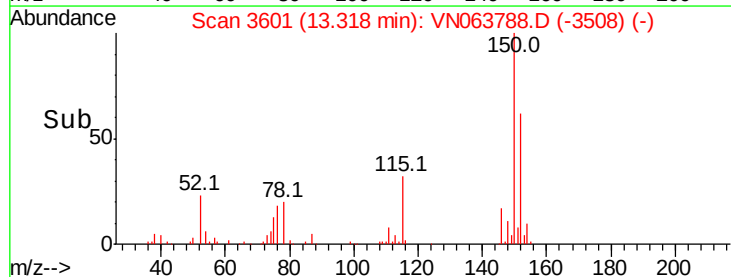
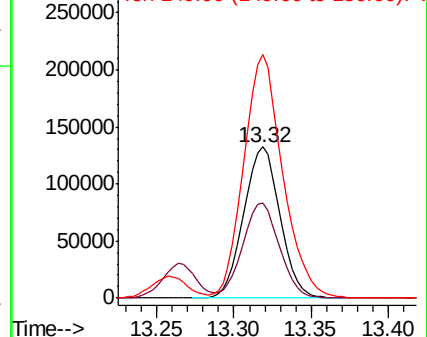
152 100

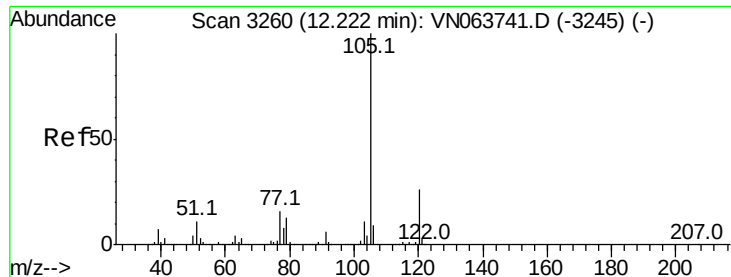
115 63.9 31.3 93.8

150 172.5 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

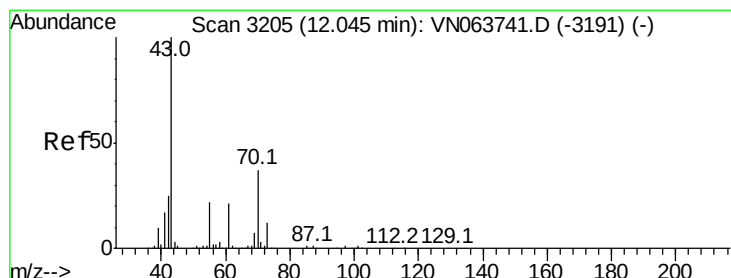
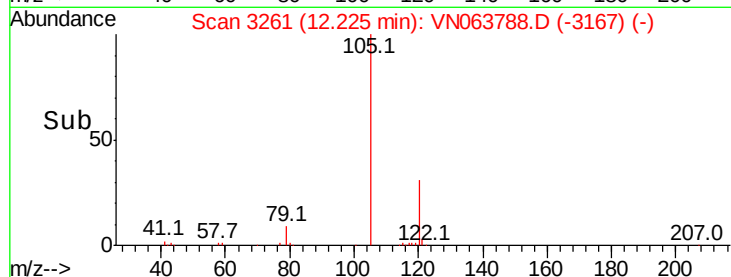
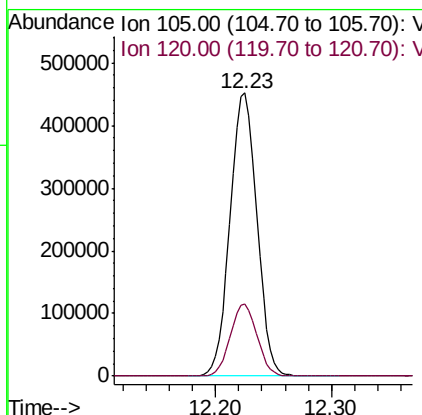
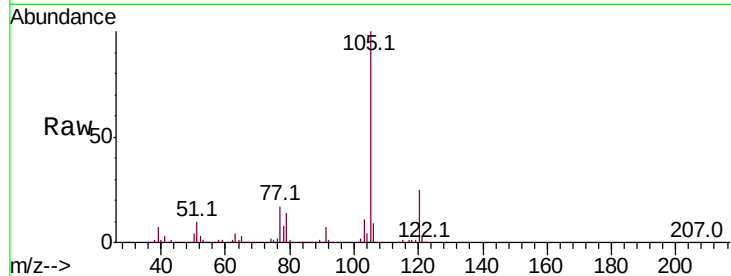




#73
Isopropylbenzene
Concen: 45.972 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

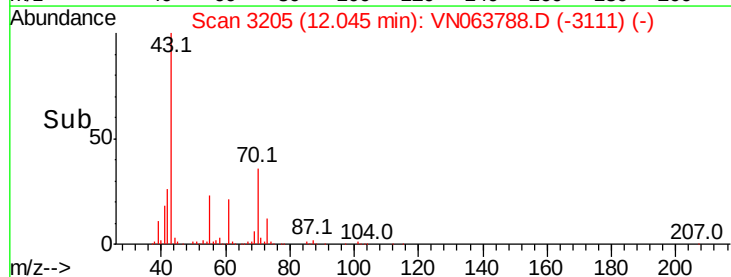
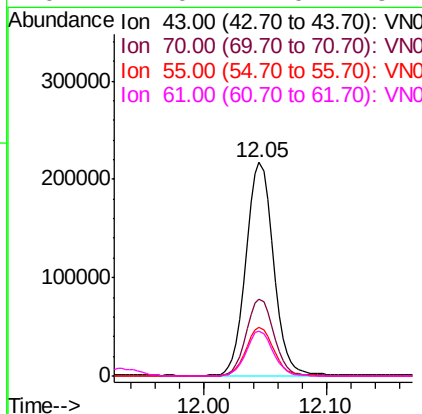
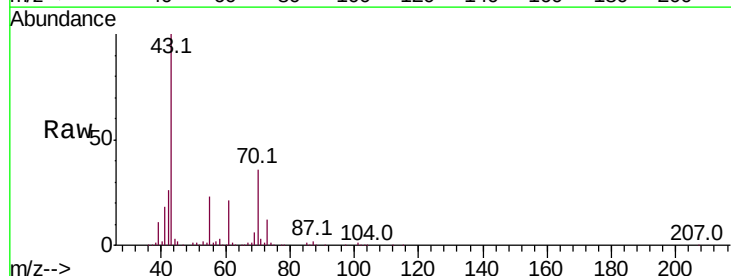
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

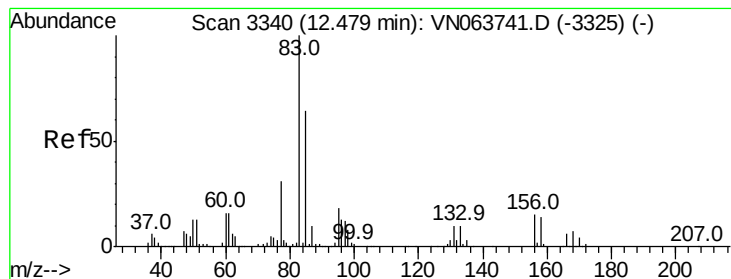
Tot Ion:105 Resp: 724729
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.8



#74
N-ethyl acetate
Concen: 45.835 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 43 Resp: 334424
Ion Ratio Lower Upper
43 100
70 36.5 29.8 44.8
55 23.3 17.9 26.9
61 21.0 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.167 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

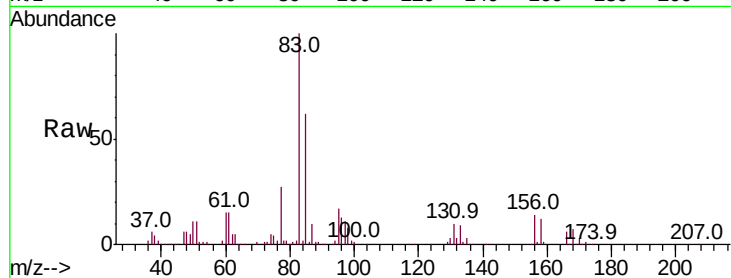
Tot Ion: 83 Resp: 227374

Ion Ratio Lower Upper

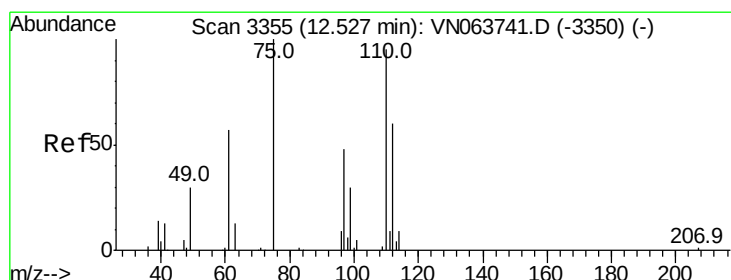
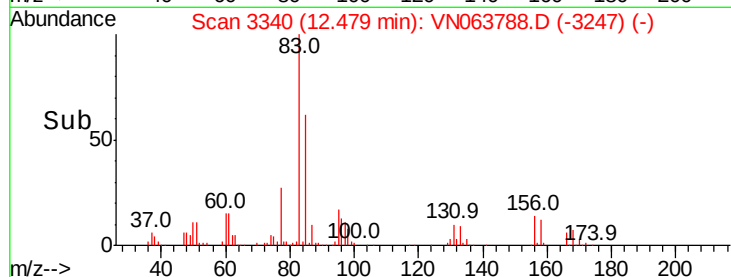
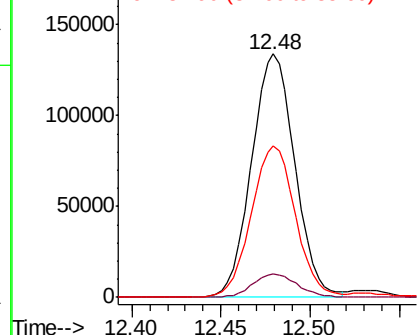
83 100

131 9.9 5.3 15.8

85 63.3 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 64.644 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063788.D

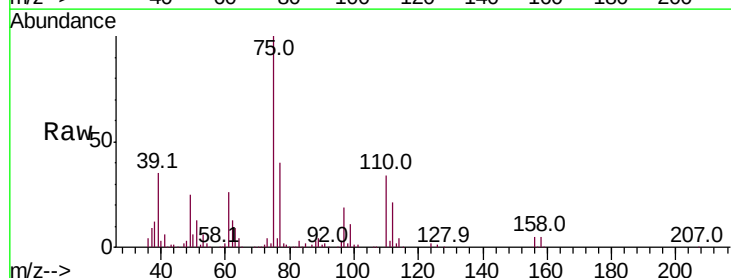
Acq: 1 Oct 2020 21:45

Tgt Ion: 75 Resp: 307988

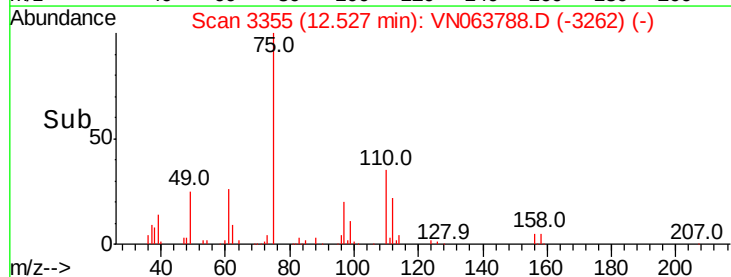
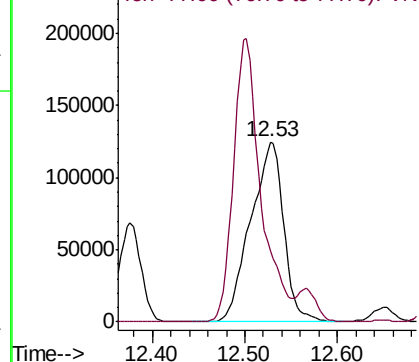
Ion Ratio Lower Upper

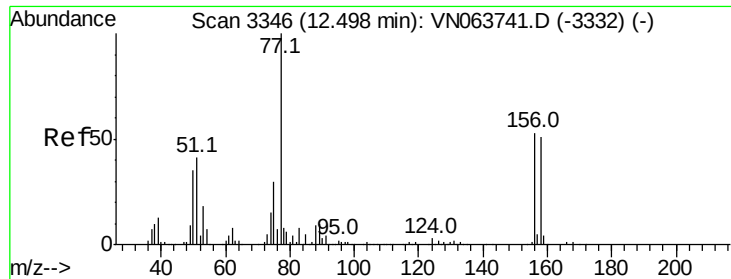
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

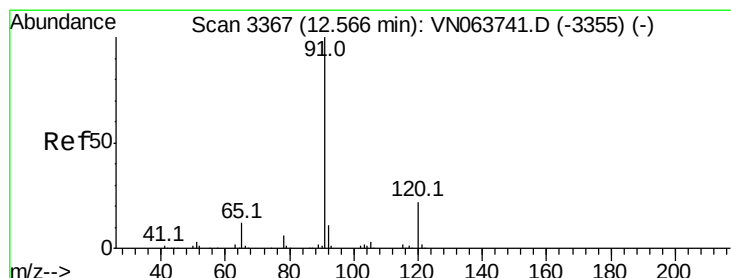
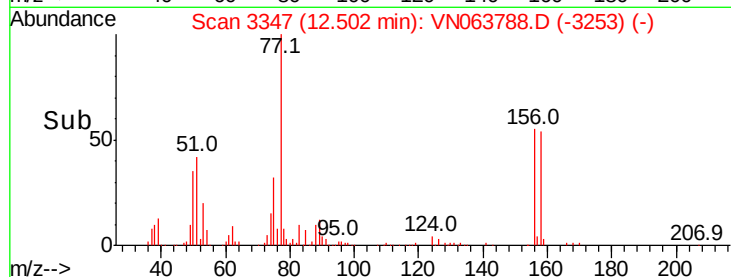
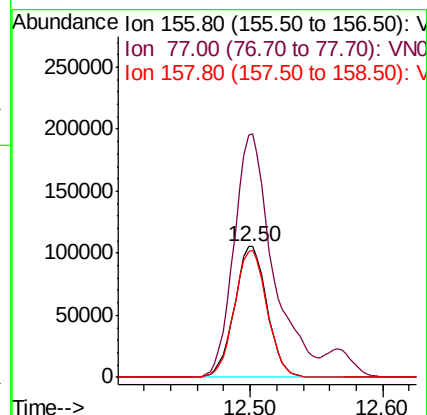
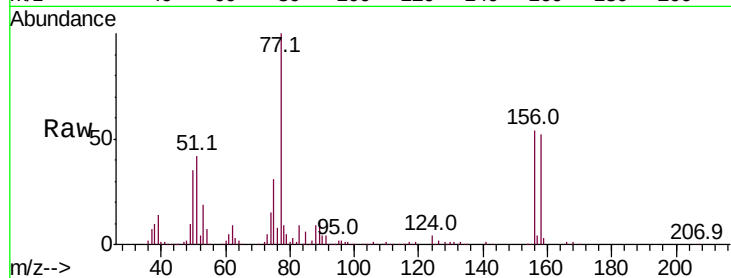




#77
Bromobenzene
Concen: 46.589 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

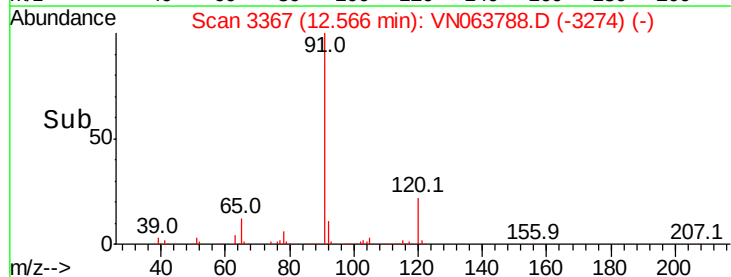
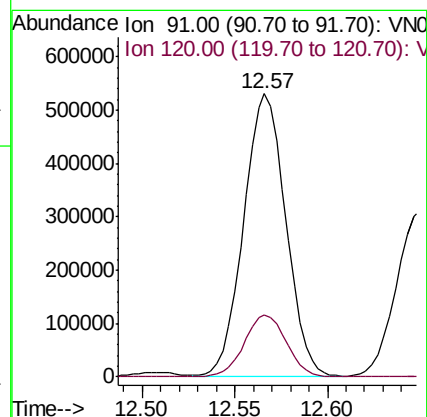
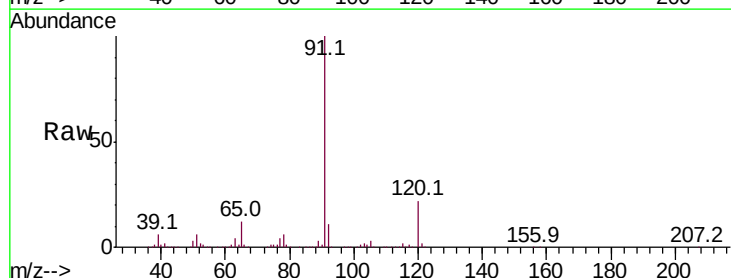
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

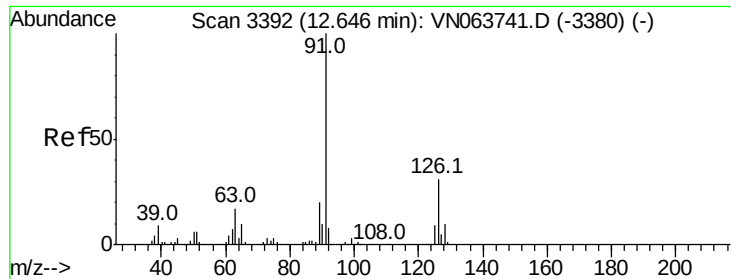
Tot Ion:156 Resp: 180215
Ion Ratio Lower Upper
156 100
77 222.1 110.9 332.7
158 97.2 47.7 143.1



#78
n-propylbenzene
Concen: 45.222 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 91 Resp: 829674
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1

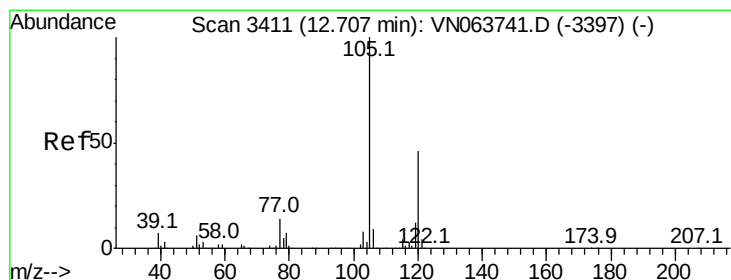
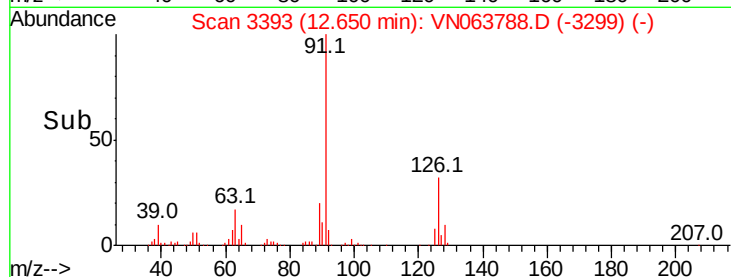
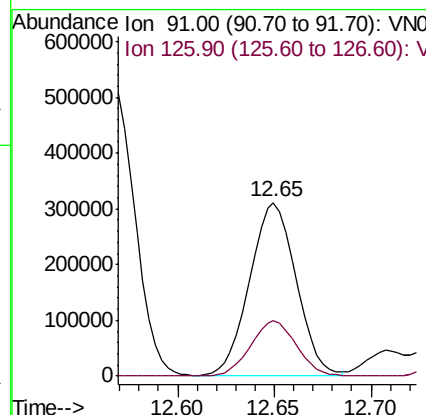
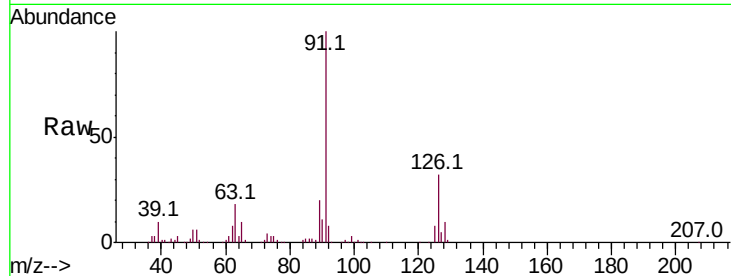




#79
 2-Chlorotoluene
 Concen: 45.716 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

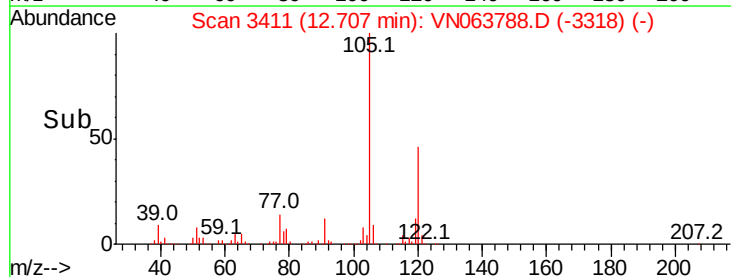
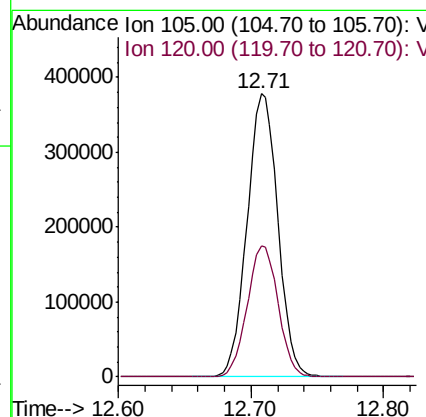
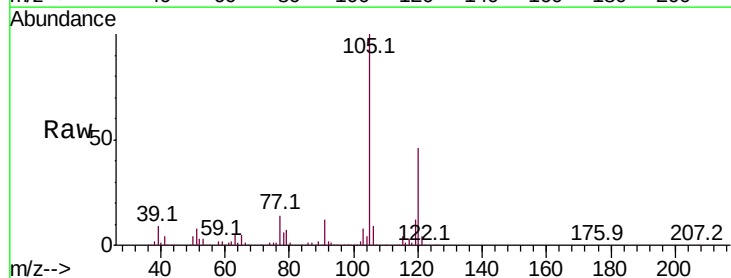
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

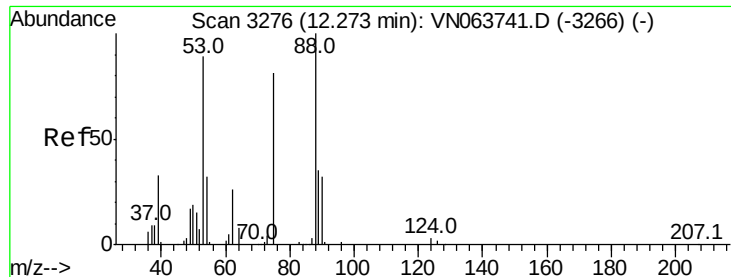
Tot Ion: 91 Resp: 515839
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 45.856 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion: 105 Resp: 606470
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 44.703 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

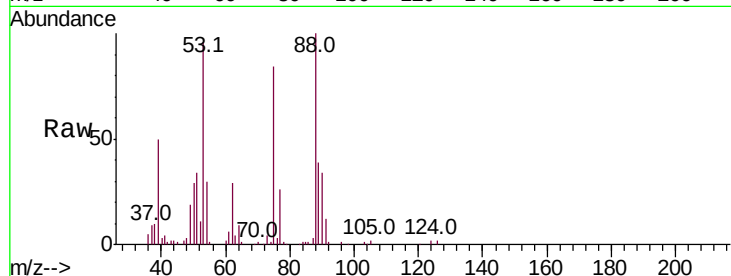
Tot Ion: 75 Resp: 73948

Ion Ratio Lower Upper

75 100

53 112.1 88.2 132.2

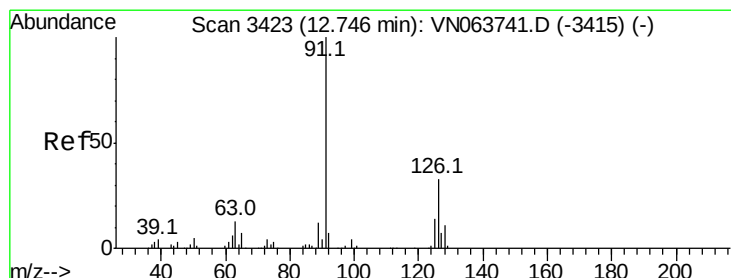
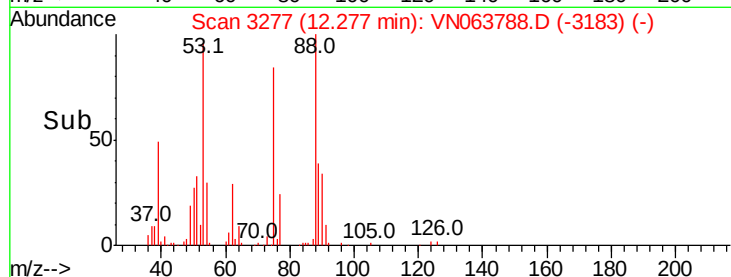
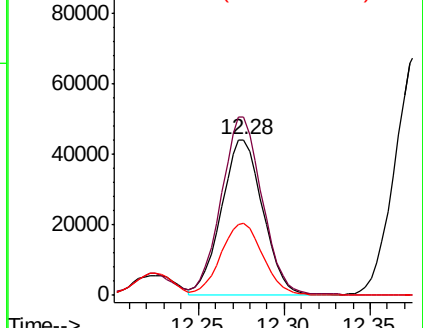
89 47.4 36.0 54.0



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: 46.402 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063788.D

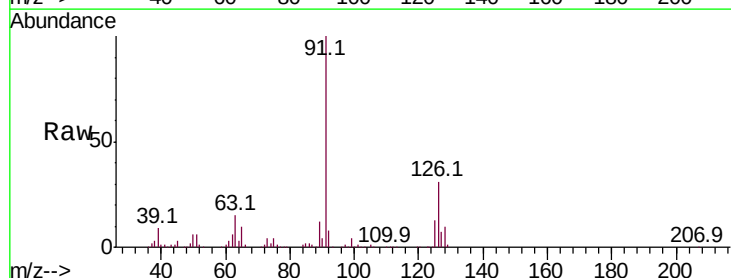
Acq: 1 Oct 2020 21:45

Tgt Ion: 91 Resp: 543535

Ion Ratio Lower Upper

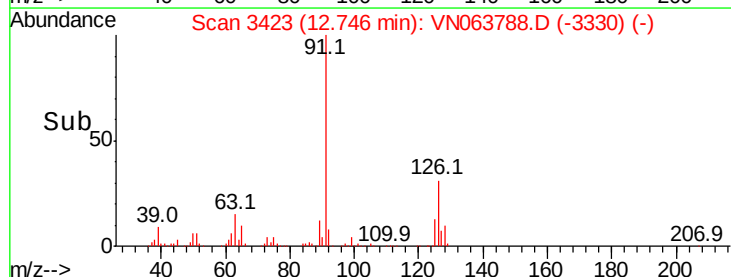
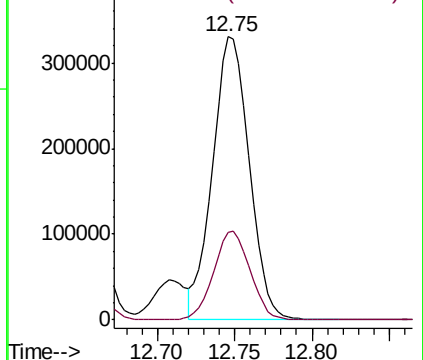
91 100

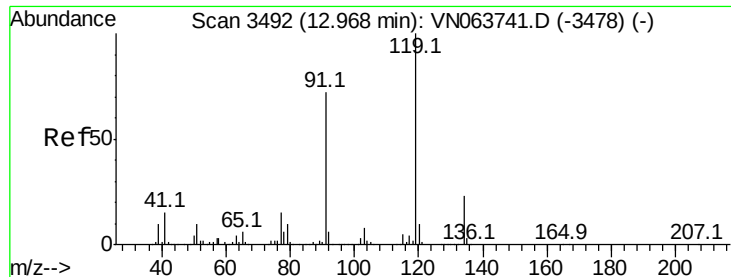
126 31.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

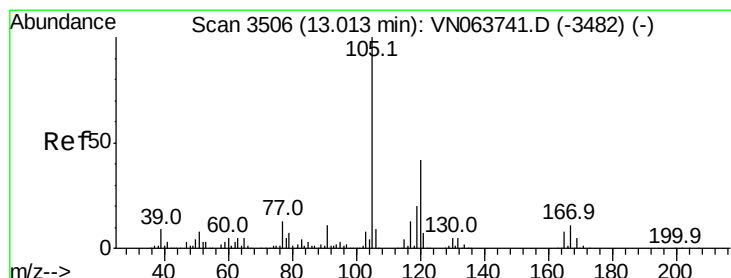
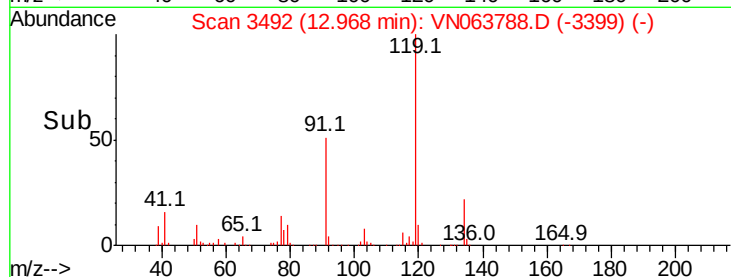
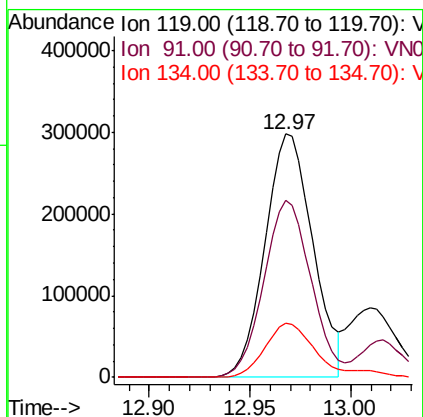
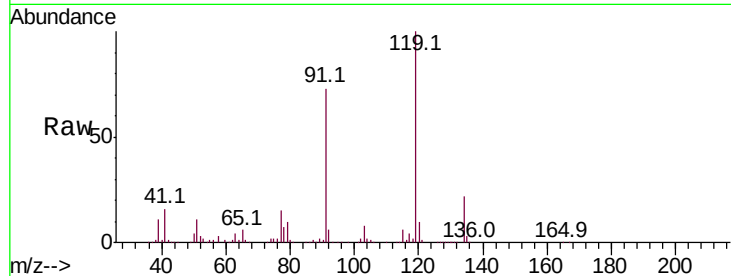




#83
 tert-Butylbenzene
 Concen: 45.375 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

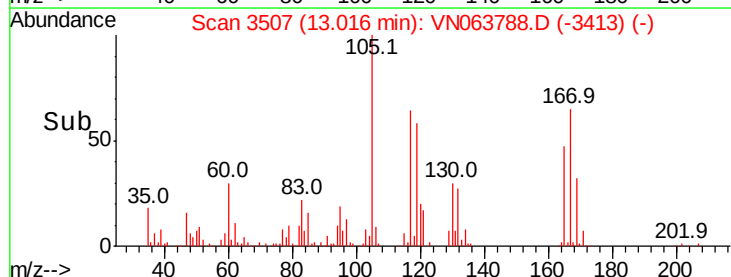
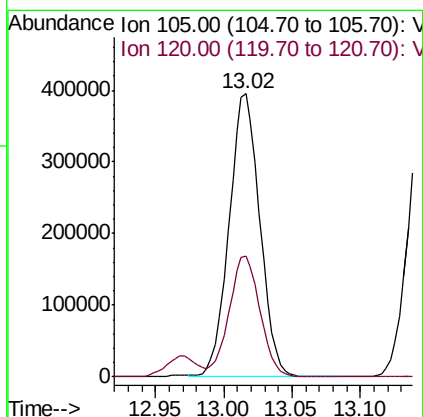
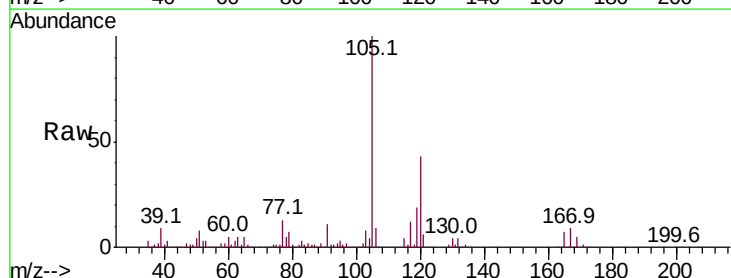
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

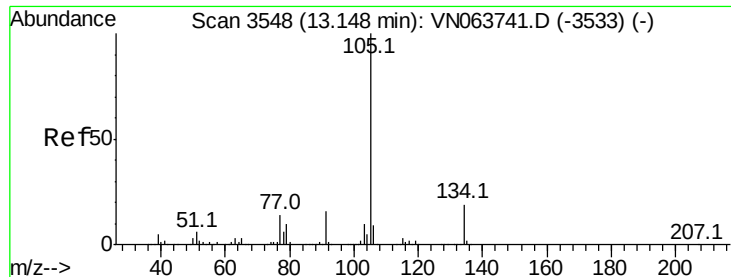
Tot Ion:119 Resp: 490880
 Ion Ratio Lower Upper
 119 100
 91 71.7 35.5 106.5
 134 22.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.704 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion:105 Resp: 616698
 Ion Ratio Lower Upper
 105 100
 120 43.0 20.9 62.7

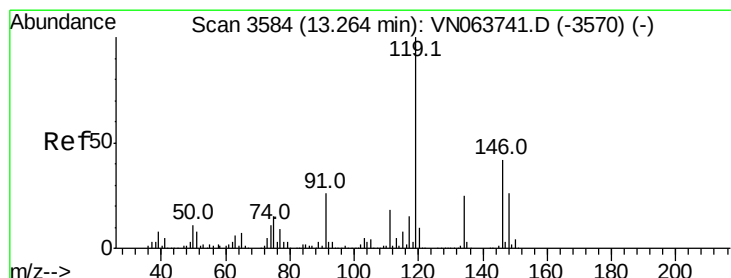
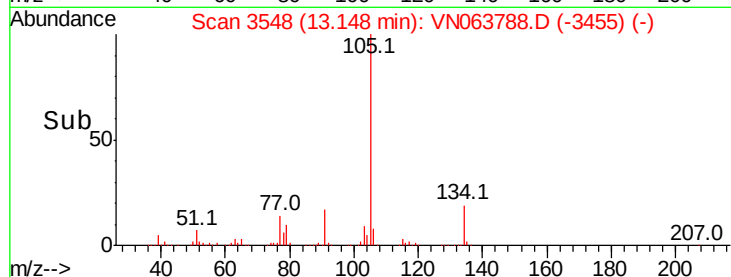
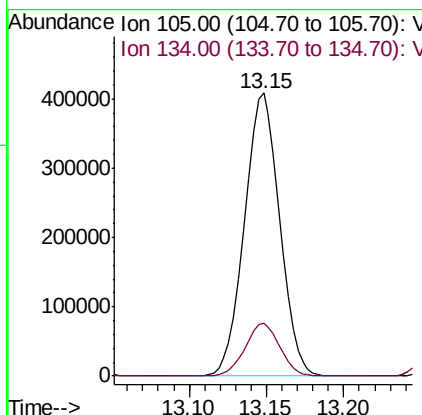
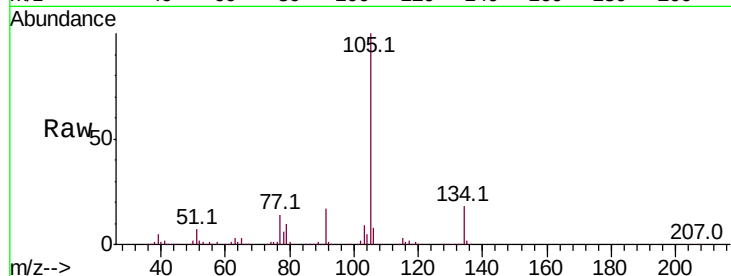




#85
 sec-Butylbenzene
 Concen: 45.333 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

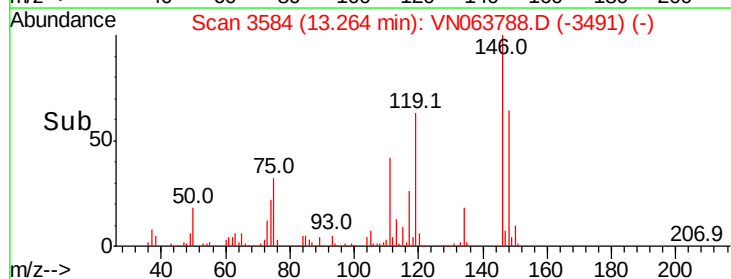
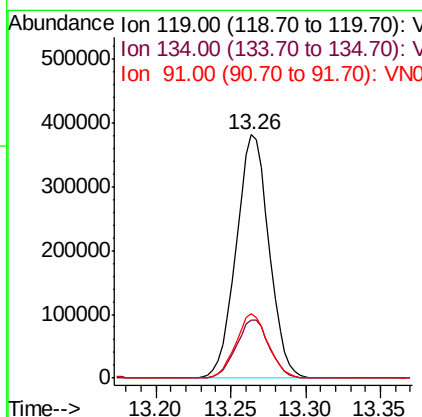
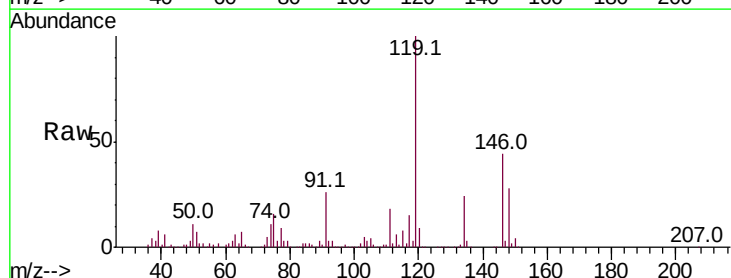
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

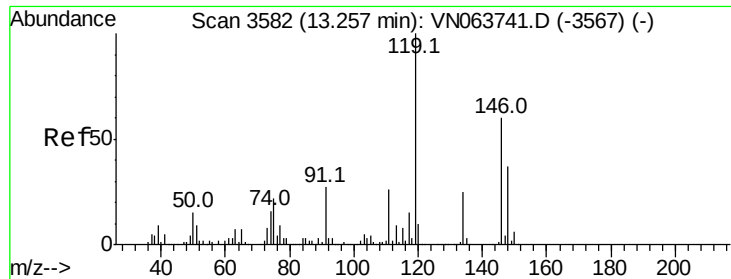
Tot Ion:105 Resp: 644148
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 46.300 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion:119 Resp: 581994
 Ion Ratio Lower Upper
 119 100
 134 24.2 12.6 37.8
 91 25.9 13.4 40.2

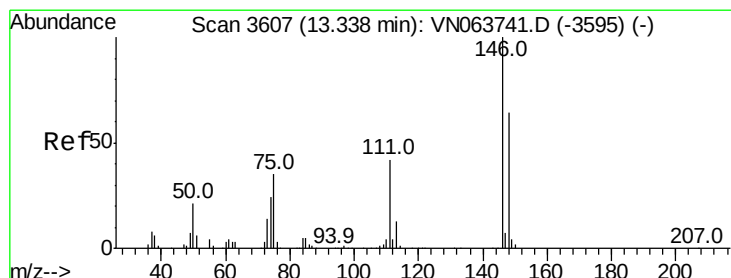
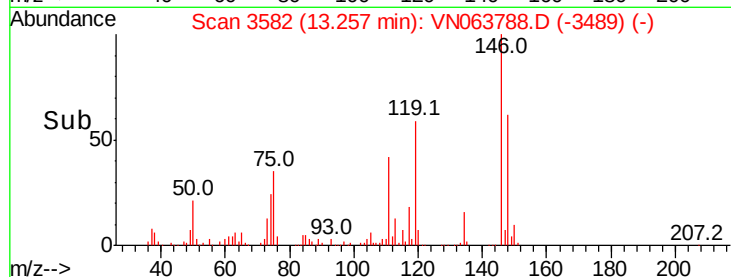
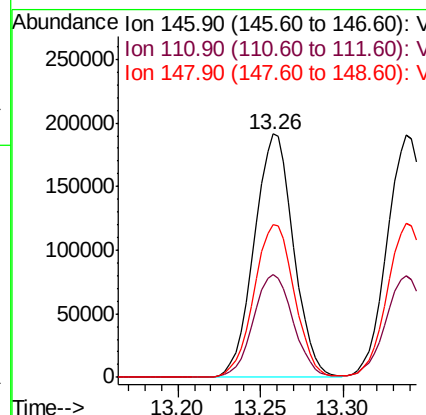
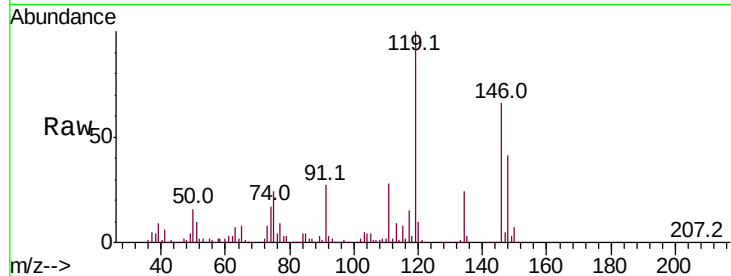




#87
 1,3-Dichlorobenzene
 Concen: 45.153 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

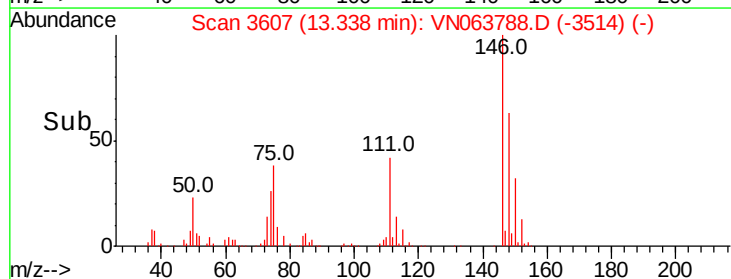
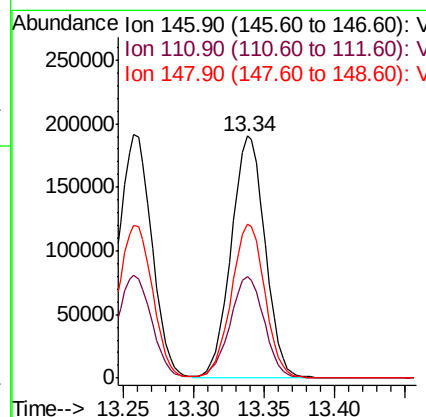
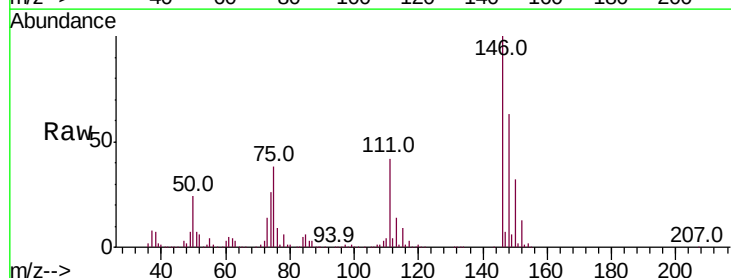
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

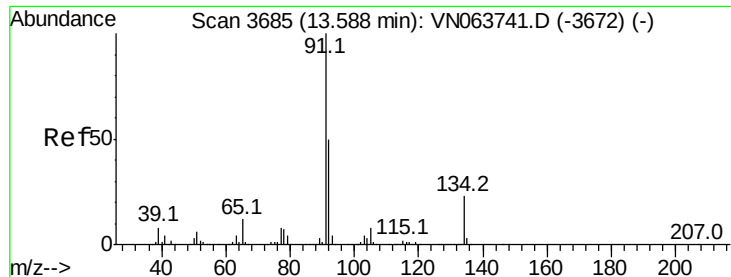
Tot Ion:146 Resp: 315983
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 64.3 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 43.761 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion:146 Resp: 318865
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.7
 148 62.3 32.0 96.0

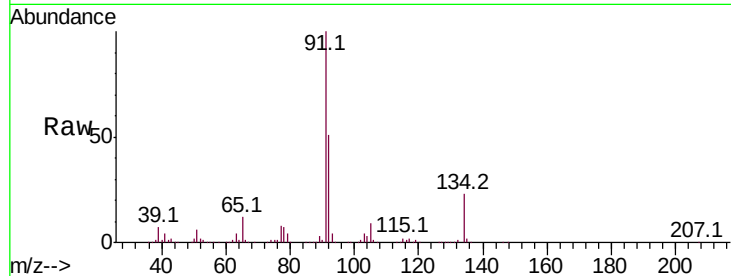




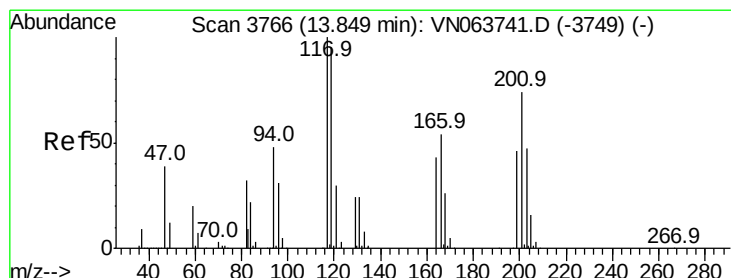
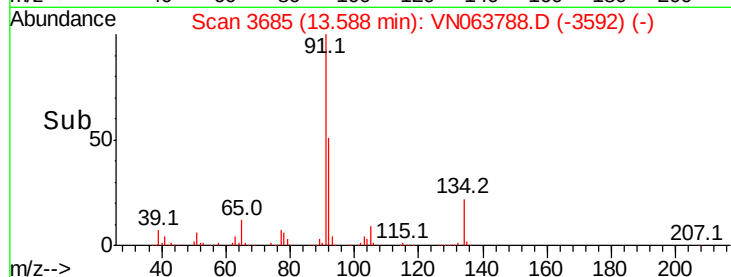
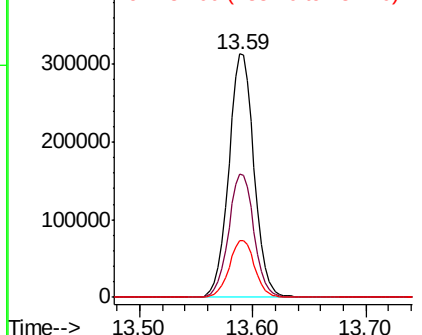
#89
n-Butylbenzene
Concen: 41.911 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 486240
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.4
134 23.7 11.7 35.1

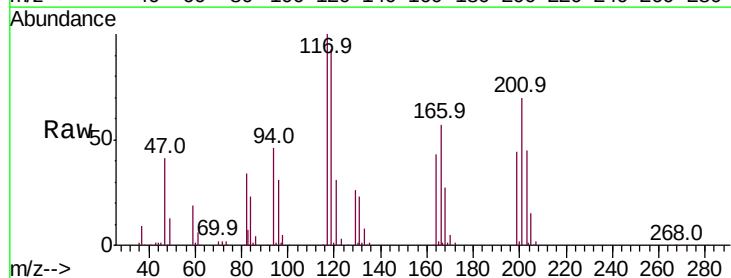


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)
Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)
Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)

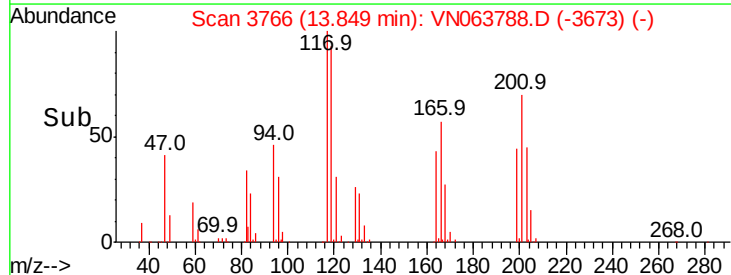
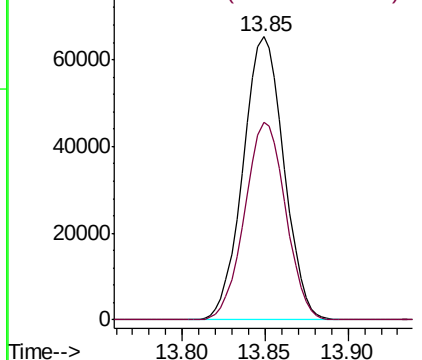


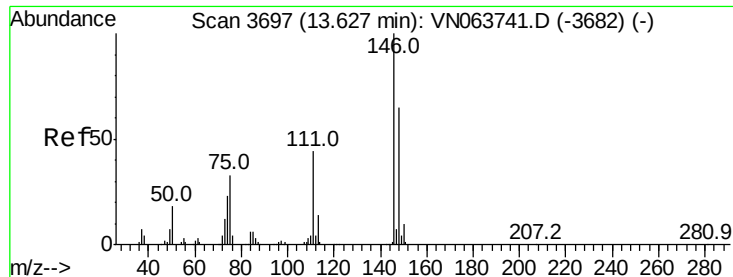
#90
Hexachloroethane
Concen: 45.903 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063788.D
Acq: 1 Oct 2020 21:45

Tgt Ion: 117 Resp: 111812
Ion Ratio Lower Upper
117 100
201 69.8 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

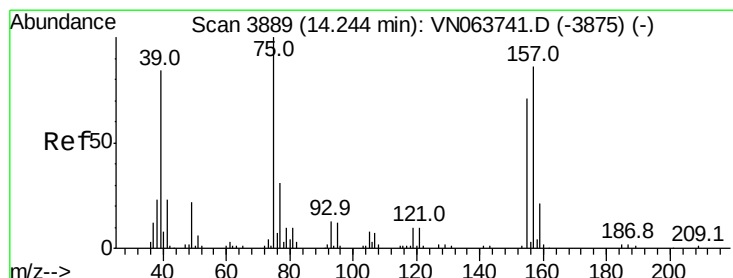
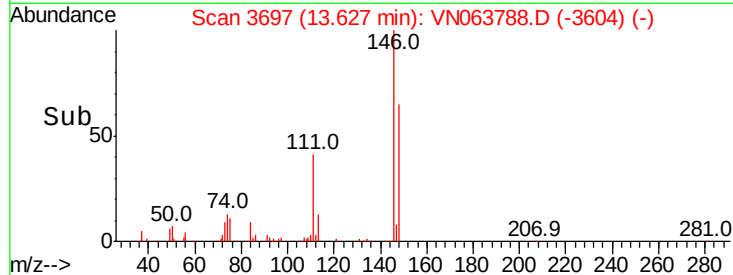
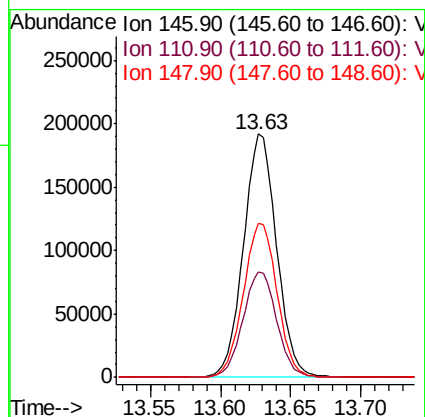
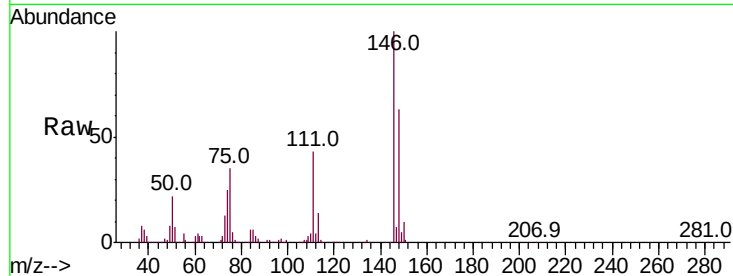




#91
 1,2-Dichlorobenzene
 Concen: 45.668 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

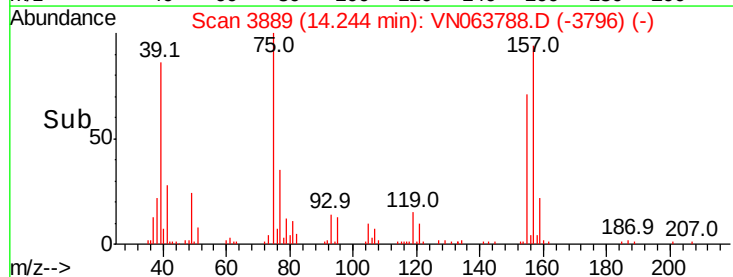
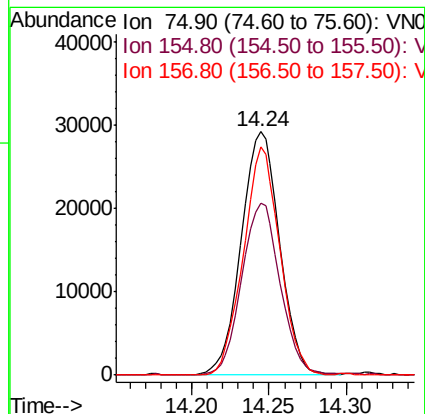
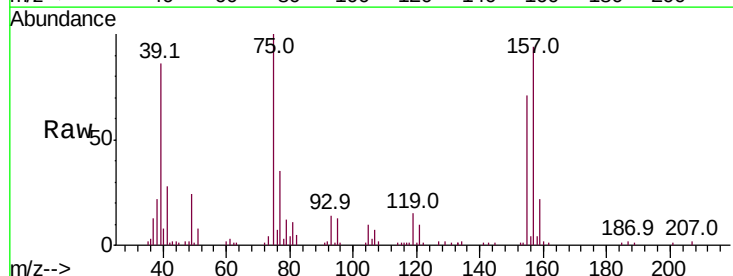
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

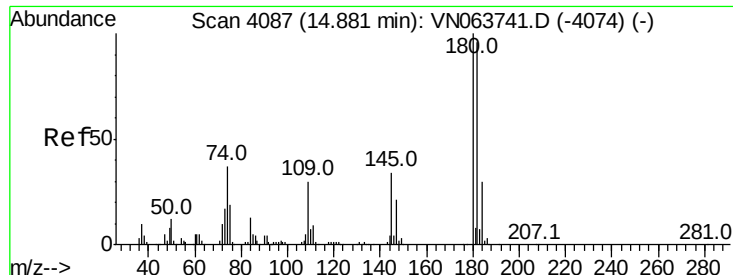
Tot Ion:146 Resp: 316549
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.2 66.6
 148 64.6 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.724 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion: 75 Resp: 50562
 Ion Ratio Lower Upper
 75 100
 155 70.2 34.8 104.5
 157 88.6 43.7 131.1

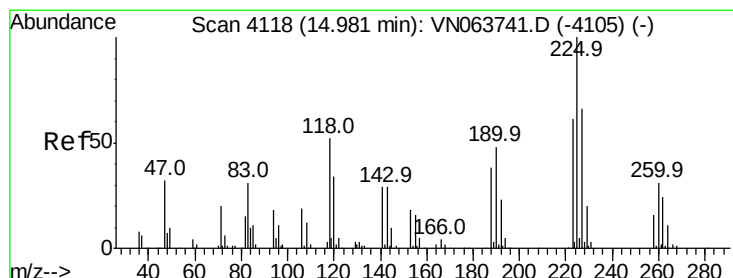
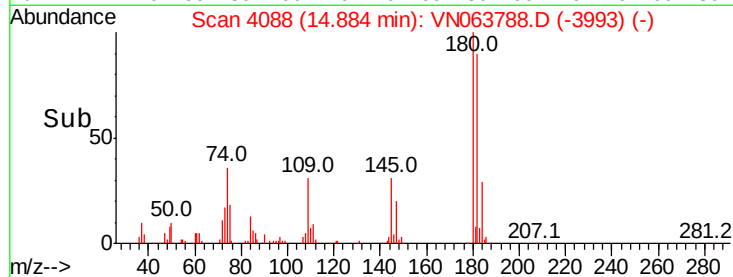
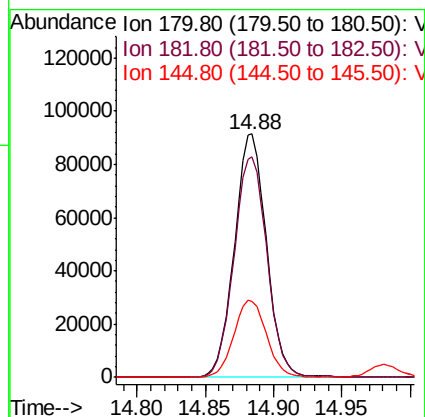
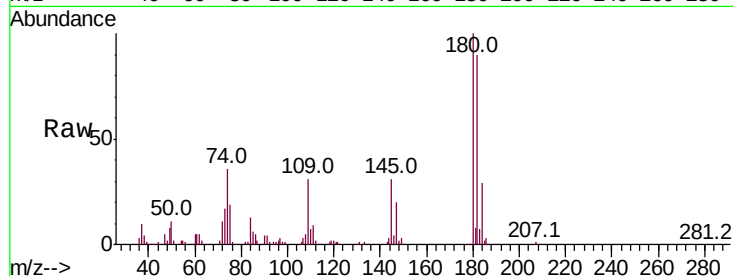




#93
 1,2,4-Trichlorobenzene
 Concen: 39.851 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

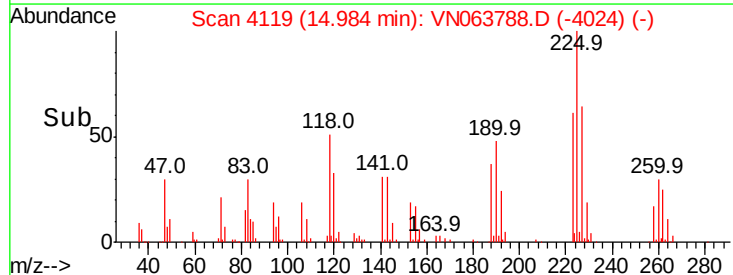
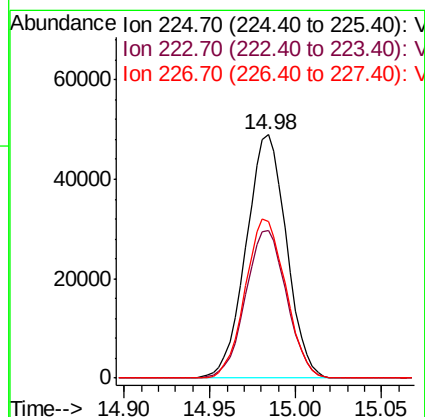
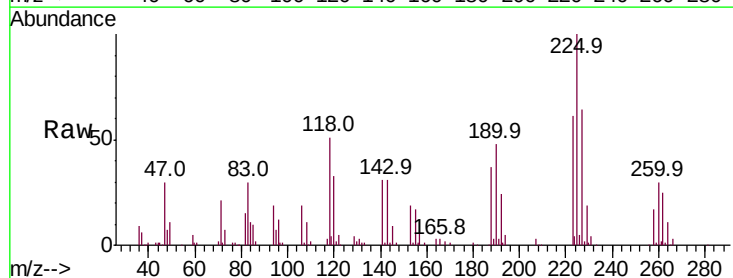
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

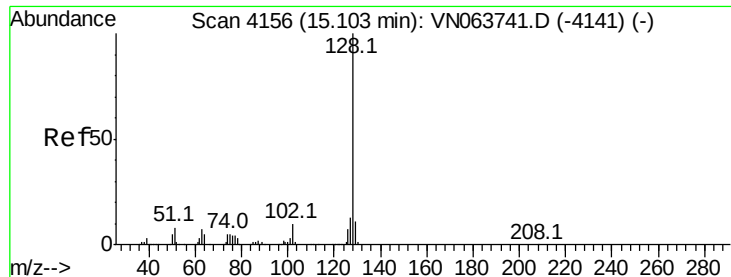
Tot Ion:180 Resp: 148825
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.2 144.6
 145 32.3 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 42.447 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063788.D
 Acq: 1 Oct 2020 21:45

Tgt Ion:225 Resp: 79754
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.3 91.0
 227 65.6 31.9 95.5





#95

Naphthalene

Concen: 40.770 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

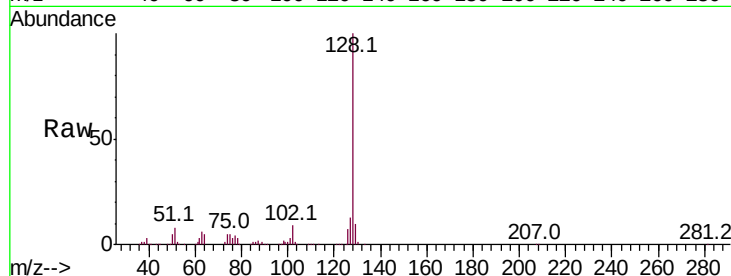
Tot Ion:128 Resp: 471154

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

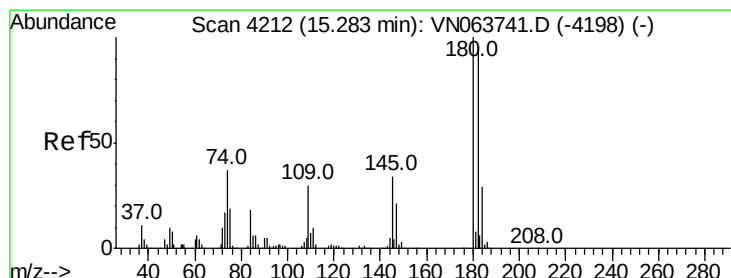
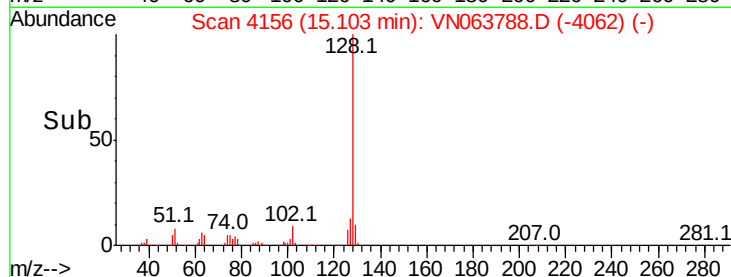
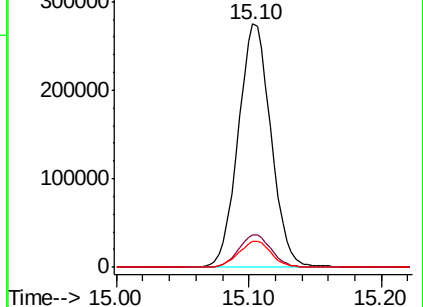
129 10.8 8.7 13.1



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: 40.113 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063788.D

Acq: 1 Oct 2020 21:45

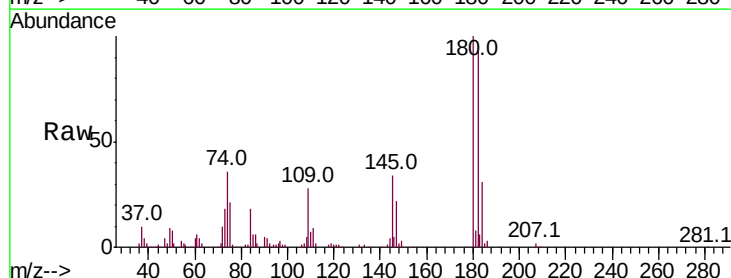
Tgt Ion:180 Resp: 145466

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 34.0 17.2 51.5



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

