

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063696.D
 Acq On : 25 Sep 2020 22:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 28 02:05:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	359357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174693	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211166	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	
35) Dibromofluoromethane	7.55	113	142473	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.06	98	492563	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.38	95	188047	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	102540	41.405	ug/l	100
3) Chloromethane	2.04	50	140486	42.881	ug/l	97
4) Vinyl Chloride	2.16	62	136484	47.021	ug/l	98
5) Bromomethane	2.53	94	89164	51.737	ug/l	99
6) Chloroethane	2.67	64	91573	51.395	ug/l	98
7) Trichlorofluoromethane	2.98	101	209919	48.472	ug/l	98
8) Diethyl Ether	3.38	74	86400	51.178	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	109941	45.141	ug/l	98
10) Methyl Iodide	3.91	142	152274	48.023	ug/l	96
11) Tert butyl alcohol	4.73	59	123341	239.261	ug/l	99
12) 1,1-Dichloroethene	3.70	96	111185	45.071	ug/l	96
13) Acrolein	3.56	56	32324	169.200	ug/l	97
14) Allyl chloride	4.28	41	223923	45.890	ug/l	95
15) Acrylonitrile	4.93	53	355432	271.057	ug/l	99
16) Acetone	3.78	43	326360	272.897	ug/l	98
17) Carbon Disulfide	4.02	76	282334	39.347	ug/l	100
18) Methyl Acetate	4.28	43	175992	57.969	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	473624	51.514	ug/l	97
20) Methylene Chloride	4.51	84	150624	49.711	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	126305	46.213	ug/l	97
22) Diisopropyl ether	5.90	45	512185	51.467	ug/l	99
23) Vinyl Acetate	5.85	43	2161561	264.476	ug/l	100
24) 1,1-Dichloroethane	5.80	63	271767	50.020	ug/l	100
25) 2-Butanone	6.78	43	501054	272.418	ug/l	100
26) 2,2-Dichloropropane	6.78	77	194040	40.564	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	155795	50.362	ug/l	98
28) Bromochloromethane	7.15	49	143088	57.038	ug/l	97
29) Tetrahydrofuran	7.17	42	329663	262.431	ug/l	98
30) Chloroform	7.33	83	289768	53.158	ug/l	97
31) Cyclohexane	7.62	56	189962	36.963	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	235427	48.559	ug/l	100
36) 1,1-Dichloropropene	7.76	75	179635	43.457	ug/l	99
37) Ethyl Acetate	6.88	43	214639	52.906	ug/l	98
38) Carbon Tetrachloride	7.74	117	198469	47.035	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	169238	37.723	ug/l	98
40) Benzene	8.00	78	572688	48.533	ug/l	99
41) Methacrylonitrile	7.16	41	321366	176.123	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	254717	53.677	ug/l	98
43) Isopropyl Acetate	8.13	43	366149	50.474	ug/l	98
44) Trichloroethene	8.80	130	136142	47.568	ug/l	96
45) 1,2-Dichloropropane	9.09	63	162352	50.517	ug/l	98
46) Dibromomethane	9.18	93	113481	53.724	ug/l	99
47) Bromodichloromethane	9.37	83	230393	52.503	ug/l	100
48) Methyl methacrylate	9.17	41	179454	50.351	ug/l	95
49) 1,4-Dioxane	9.17	88	49763	972.949	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1125877	277.228	ug/l	99
52) Toluene	10.13	92	344973	48.625	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	239558	48.900	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	250536	48.484	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	155471	55.171	ug/l	99
56) Ethyl methacrylate	10.40	69	230200	52.328	ug/l	98
57) 1,3-Dichloropropane	10.68	76	264304	52.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	568327	246.271	ug/l	99
59) 2-Hexanone	10.72	43	823470	279.880	ug/l	100
60) Dibromochloromethane	10.87	129	174155	54.704	ug/l	99
61) 1,2-Dibromoethane	10.98	107	156987	53.622	ug/l	99
64) Tetrachloroethene	10.60	164	123415	50.436	ug/l	97
65) Chlorobenzene	11.41	112	361797	47.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	145949	52.196	ug/l	99
67) Ethyl Benzene	11.49	91	662877	46.145	ug/l	99
68) m/p-Xylenes	11.59	106	485094	93.658	ug/l	99
69) o-Xylene	11.92	106	234997	47.629	ug/l	100
70) Styrene	11.94	104	414438	50.089	ug/l	99
71) Bromoform	12.10	173	112847	54.173	ug/l #	98
73) Isopropylbenzene	12.23	105	618529	44.184	ug/l	99
74) N-amyl acetate	12.05	43	326554	49.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221649	51.136	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	302236	69.899	ug/l #	100
77) Bromobenzene	12.50	156	154138	48.949	ug/l	99
78) n-propylbenzene	12.57	91	722313	44.301	ug/l	100
79) 2-Chlorotoluene	12.65	91	445590	45.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	535854	45.904	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	73181	46.401	ug/l	95
82) 4-Chlorotoluene	12.75	91	469851	45.498	ug/l	100
83) tert-Butylbenzene	12.97	119	426093	44.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	541458	45.921	ug/l	99
85) sec-Butylbenzene	13.15	105	562483	43.616	ug/l	100
86) p-Isopropyltoluene	13.26	119	508419	44.697	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	279028	47.807	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	275433	46.416	ug/l	99
89) n-Butylbenzene	13.59	91	445009	42.444	ug/l	98
90) Hexachloroethane	13.85	117	92959	42.919	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	283913	49.547	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52167	50.542	ug/l	98

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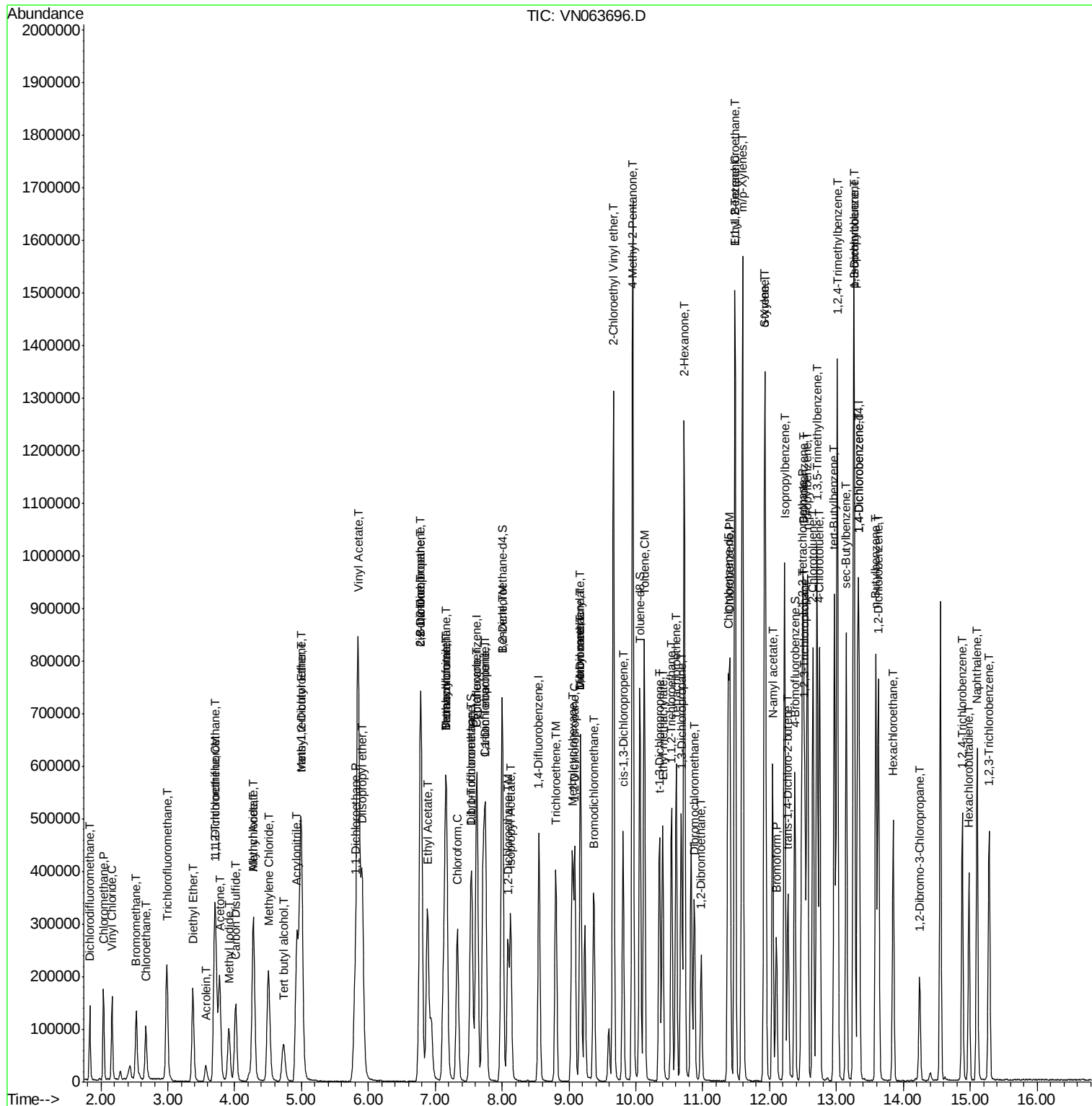
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	145690	43.128	ug/l	100
94) Hexachlorobutadiene	14.98	225	67448	48.229	ug/l	100
95) Naphthalene	15.10	128	491418	44.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	140961	43.187	ug/l	97

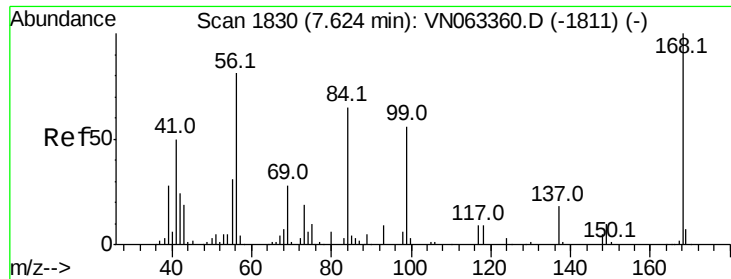
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

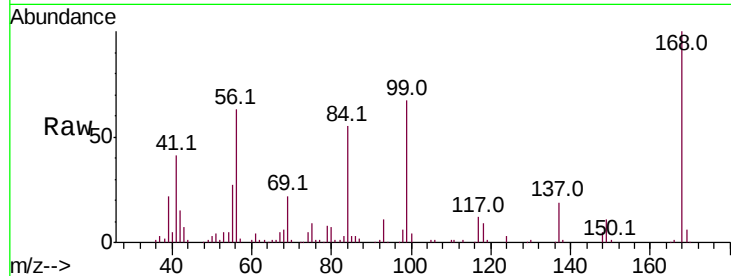
VSTDCCC050EC

Tot Ion:168 Resp: 218599

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

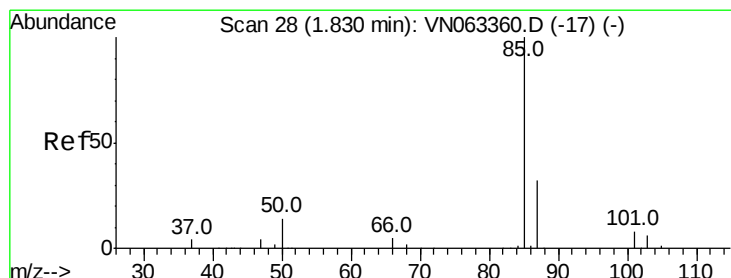
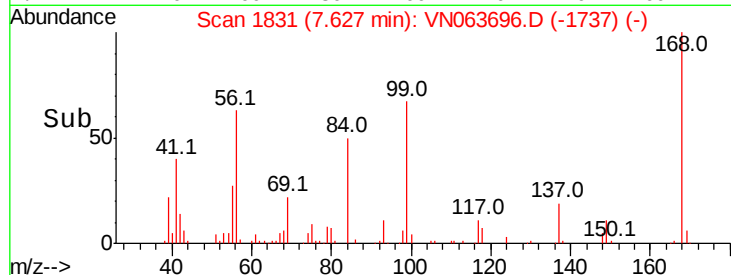
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 41.405 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063696.D

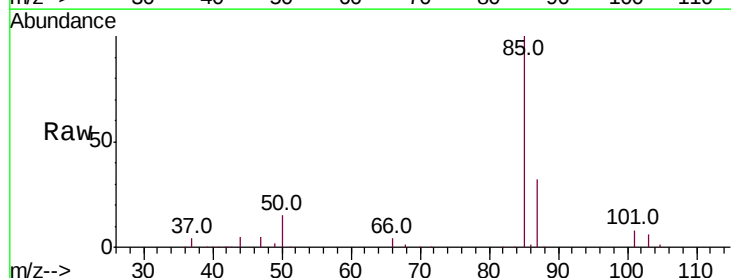
Acq: 25 Sep 2020 22:18

Tgt Ion: 85 Resp: 102540

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

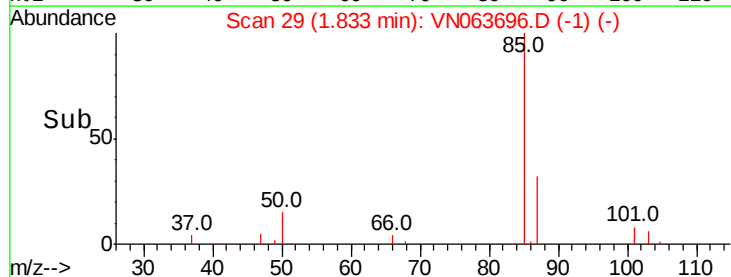
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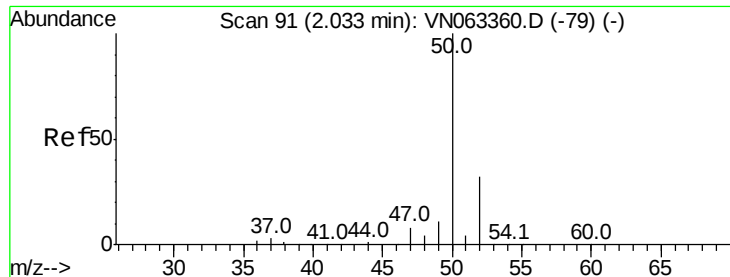
20000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 42.881 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

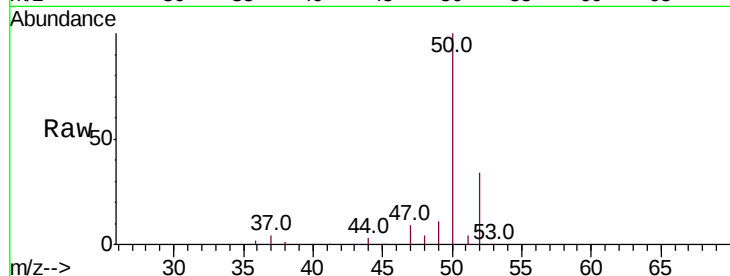
VSTDCCC050EC

Tot Ion: 50 Resp: 140486

Ion Ratio Lower Upper

50 100

52 33.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN063360.D (-79) (-)

Ion 51.90 (51.60 to 52.60): VN063360.D (-79) (-)

2.04

120000

100000

80000

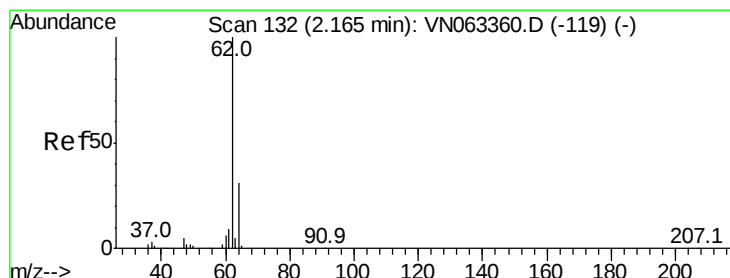
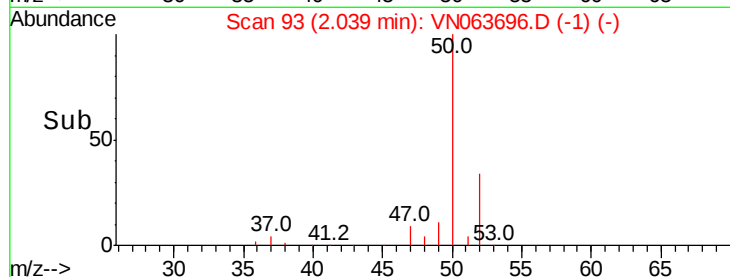
60000

40000

20000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 47.021 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063696.D

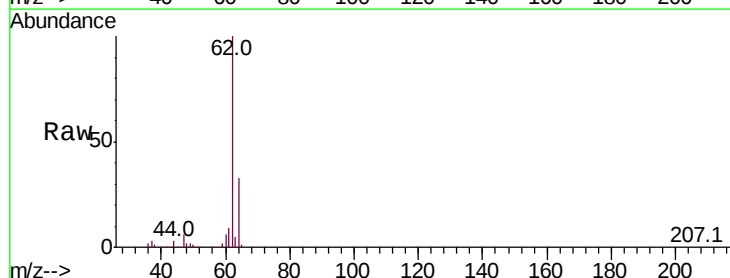
Acq: 25 Sep 2020 22:18

Tgt Ion: 62 Resp: 136484

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-119) (-)

Ion 63.90 (63.60 to 64.60): VN063360.D (-119) (-)

2.16

100000

80000

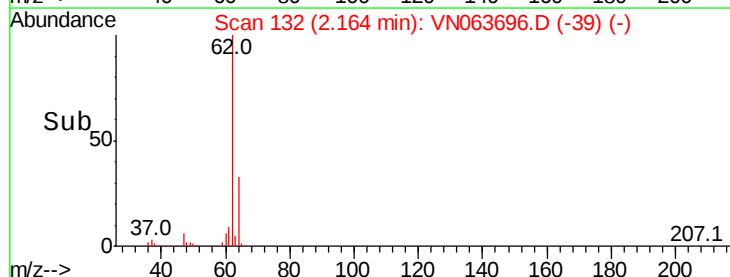
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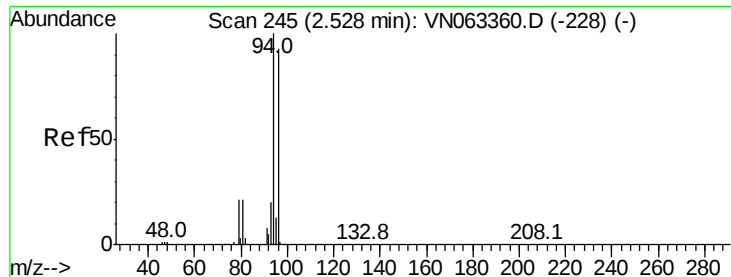
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 51.737 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

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ClientSampleId :

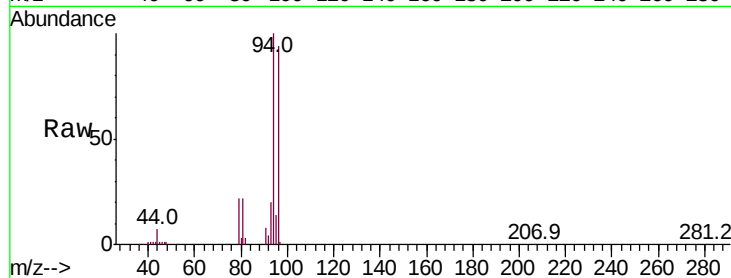
VSTDCCC050EC

Tot Ion: 94 Resp: 89164

Ion Ratio Lower Upper

94 100

96 94.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN063360.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN063360.D (-228) (-)

2.53

50000

40000

30000

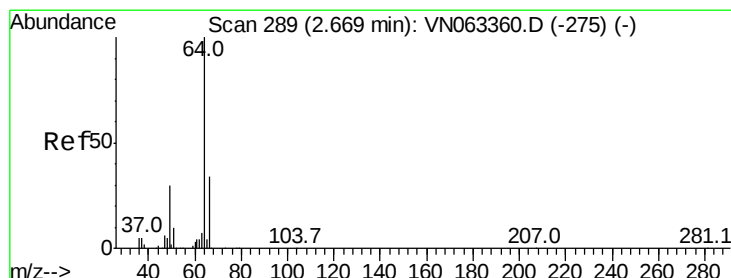
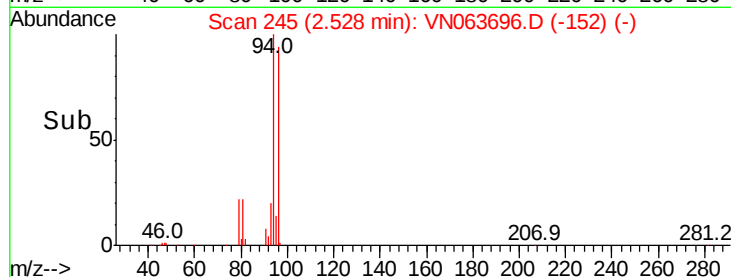
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 51.395 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063696.D

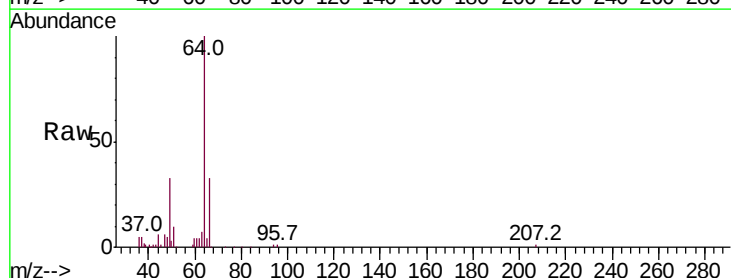
Acq: 25 Sep 2020 22:18

Tgt Ion: 64 Resp: 91573

Ion Ratio Lower Upper

64 100

66 32.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN063360.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063360.D (-275) (-)

2.67

50000

40000

30000

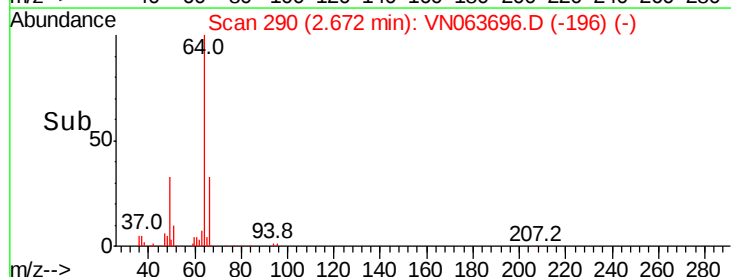
20000

10000

0

Time-->

2.60 2.65 2.70 2.75



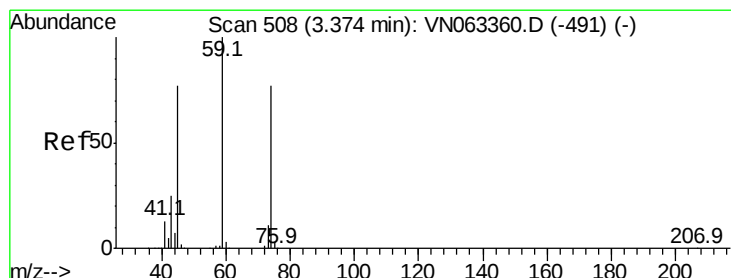
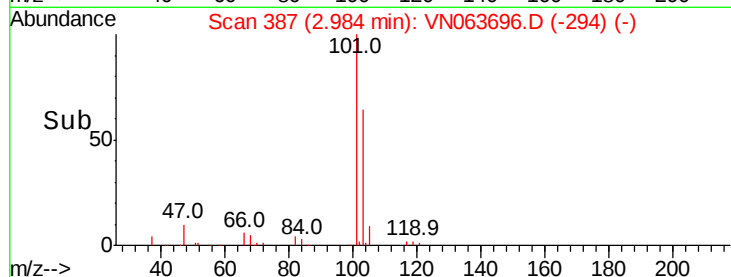
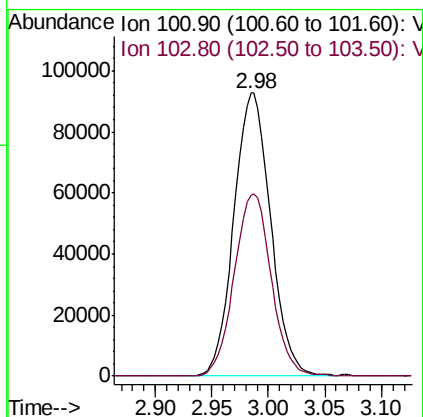
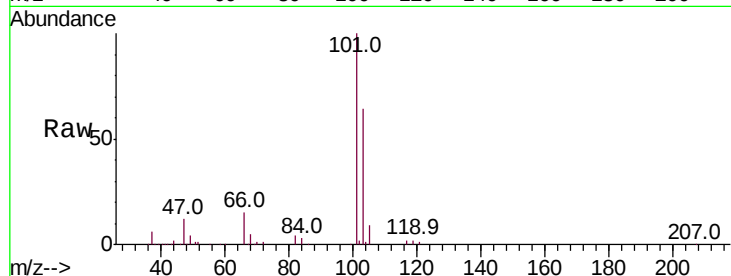


#7

Trichlorofluoromethane
Concen: 48.472 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063696.D
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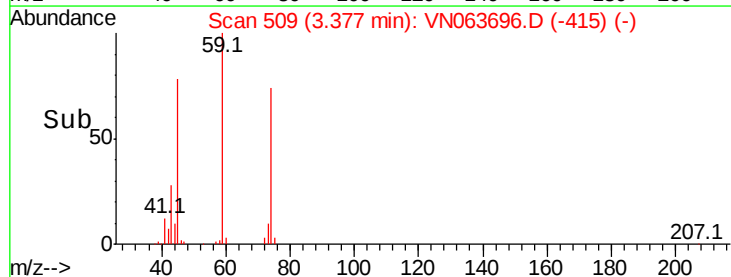
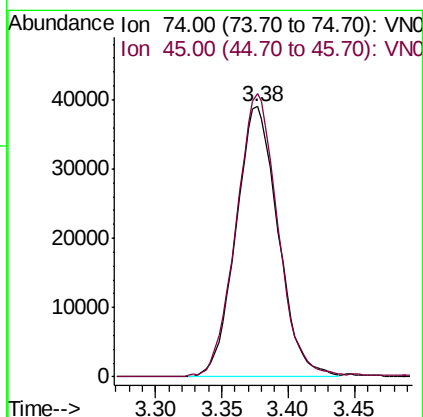
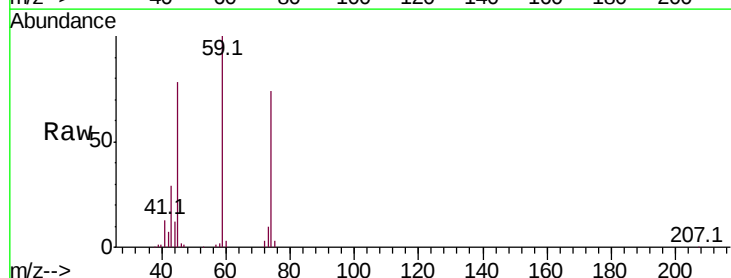
Tot Ion:101 Resp: 209919
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

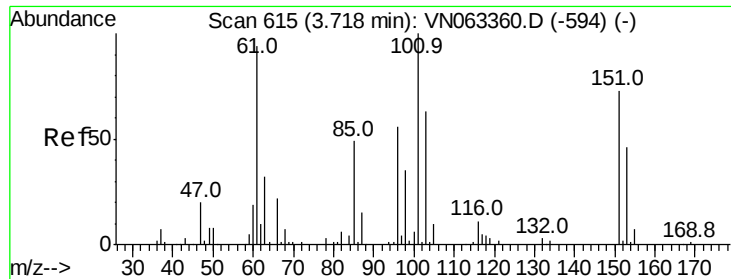


#8

Diethyl Ether
Concen: 51.178 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 74 Resp: 86400
Ion Ratio Lower Upper
74 100
45 103.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.141 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

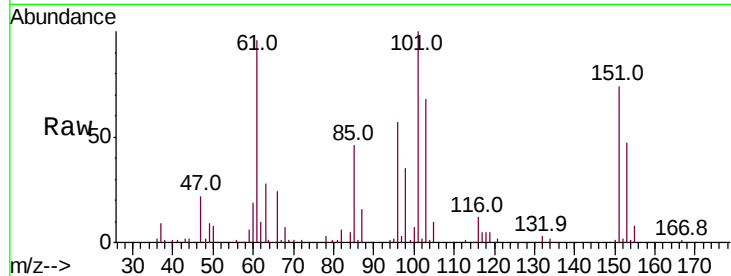
Tot Ion:101 Resp: 109941

Ion Ratio Lower Upper

101 100

85 47.9 37.7 56.5

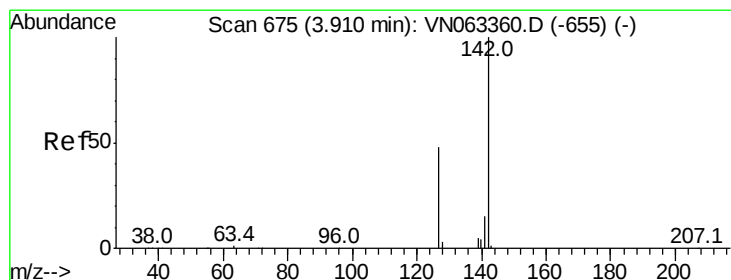
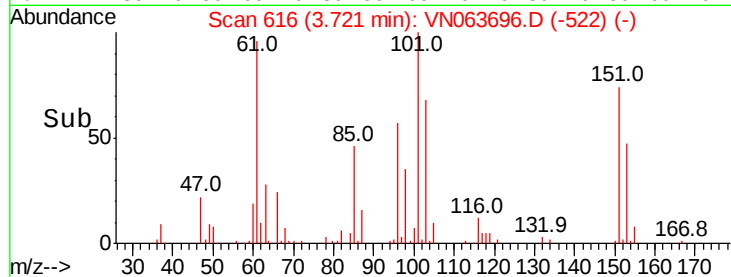
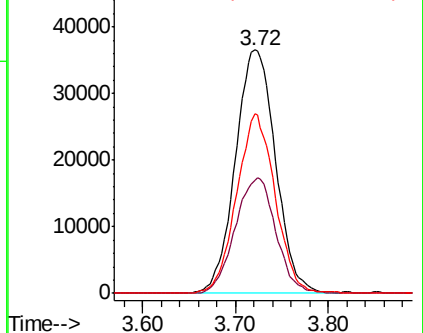
151 70.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.023 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

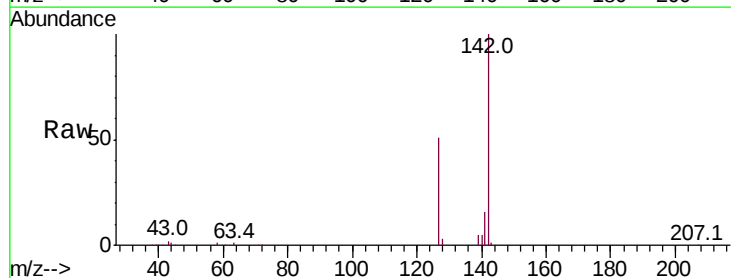
Tgt Ion:142 Resp: 152274

Ion Ratio Lower Upper

142 100

127 52.2 39.0 58.6

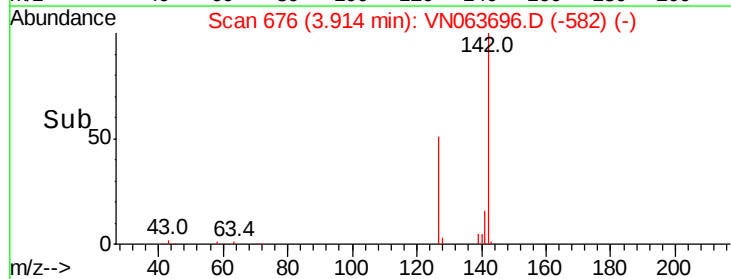
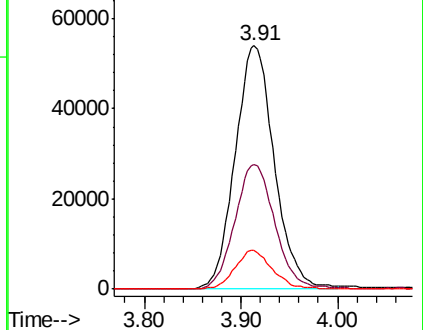
141 15.1 11.6 17.4

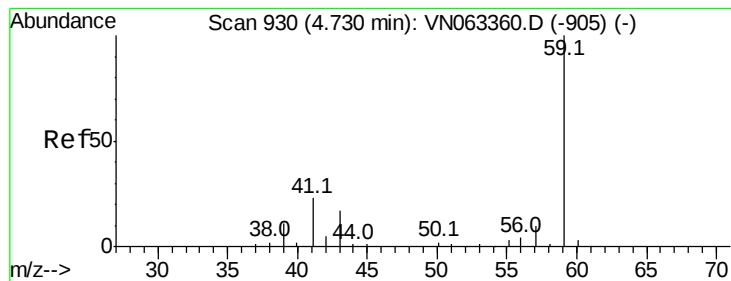


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



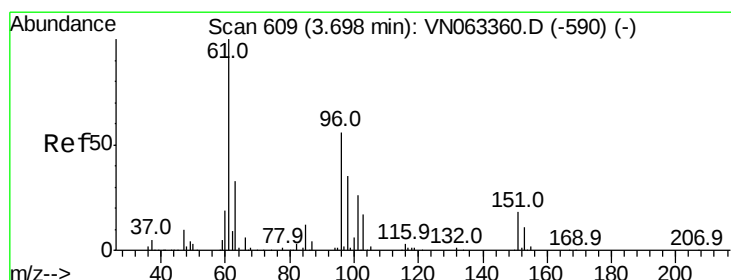
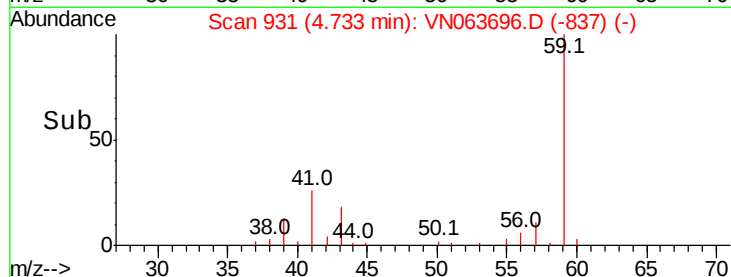
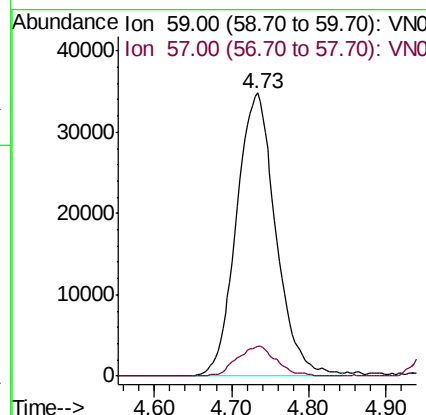
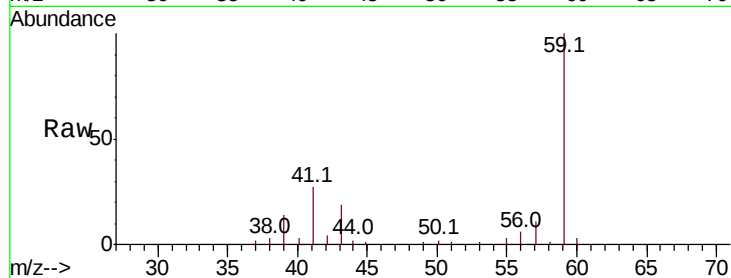


#11

Tert butyl alcohol
 Concen: 239.261 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

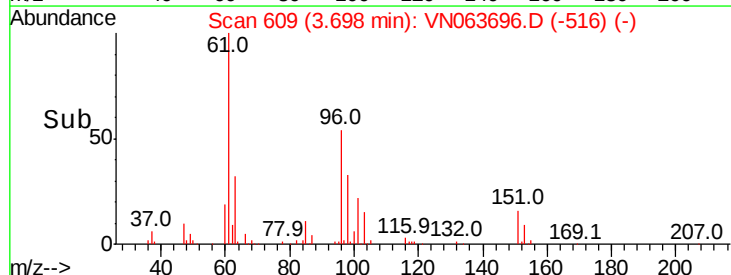
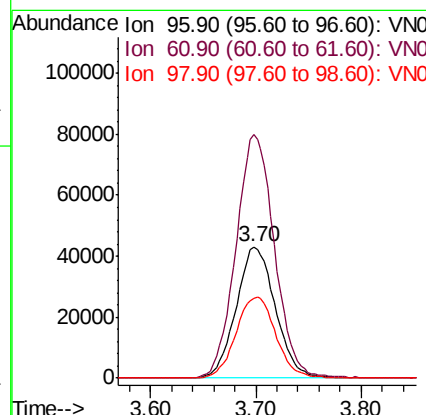
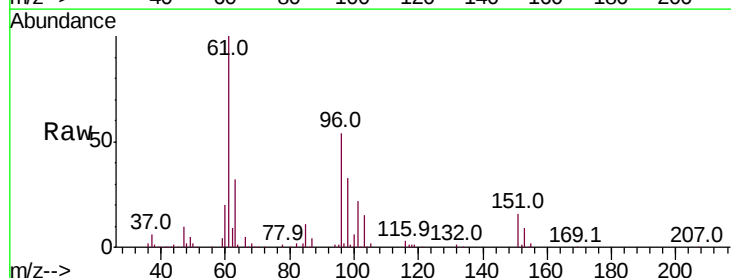
Tot Ion: 59 Resp: 123341
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

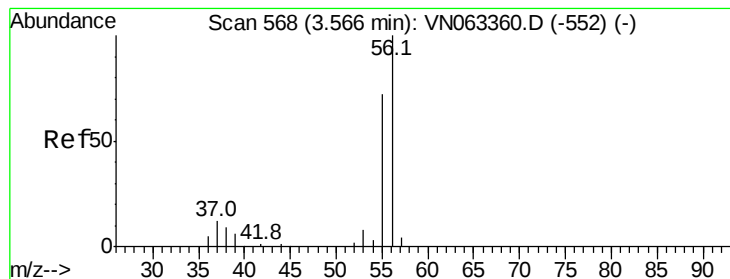


#12

1,1-Dichloroethene
 Concen: 45.071 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Tgt Ion: 96 Resp: 111185
 Ion Ratio Lower Upper
 96 100
 61 185.6 143.4 215.2
 98 60.7 50.6 76.0





#13

Acrolein

Concen: 169.200 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

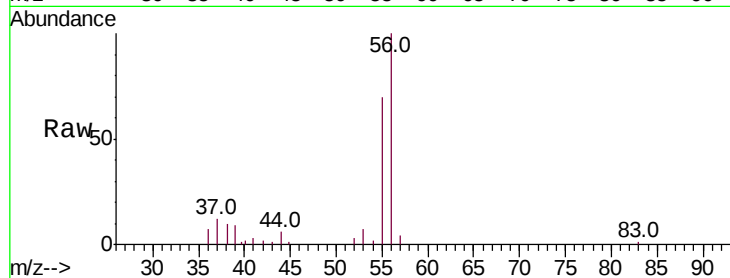
VSTDCCC050EC

Tot Ion: 56 Resp: 32324

Ion Ratio Lower Upper

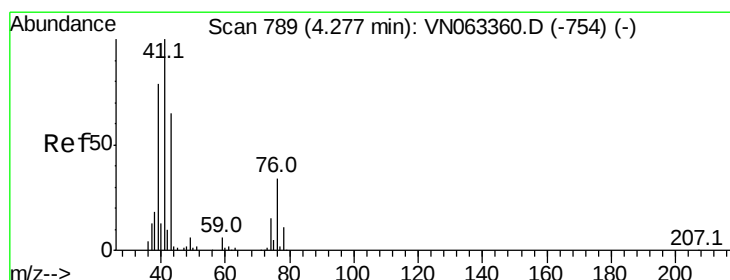
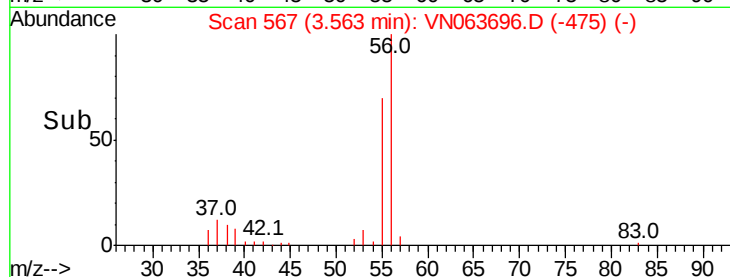
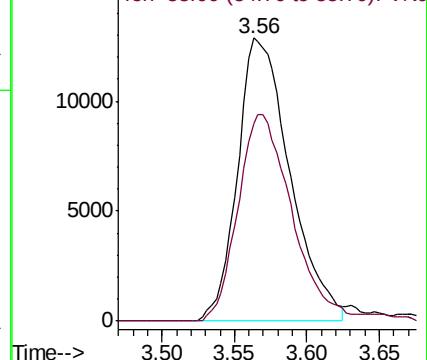
56 100

55 75.2 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.890 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

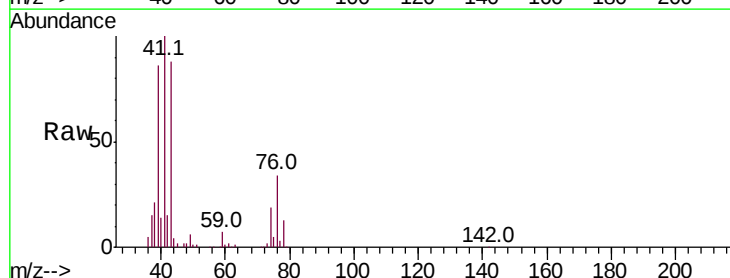
Tgt Ion: 41 Resp: 223923

Ion Ratio Lower Upper

41 100

39 79.9 59.3 88.9

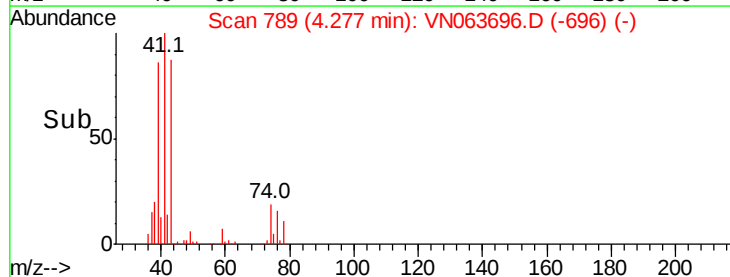
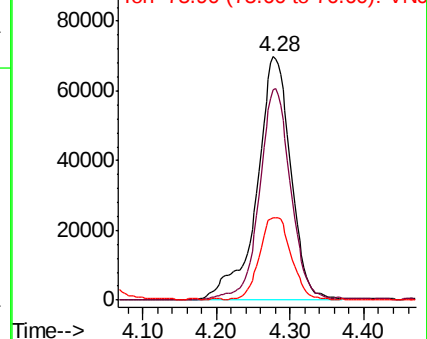
76 31.1 25.3 37.9

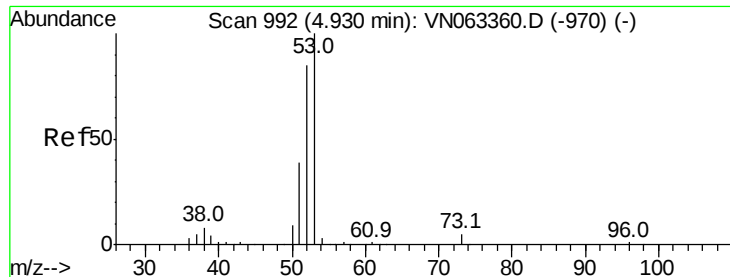


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 271.057 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

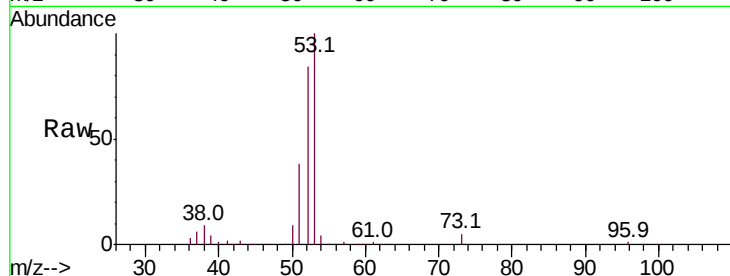
Tot Ion: 53 Resp: 355432

Ion Ratio Lower Upper

53 100

52 83.6 66.4 99.6

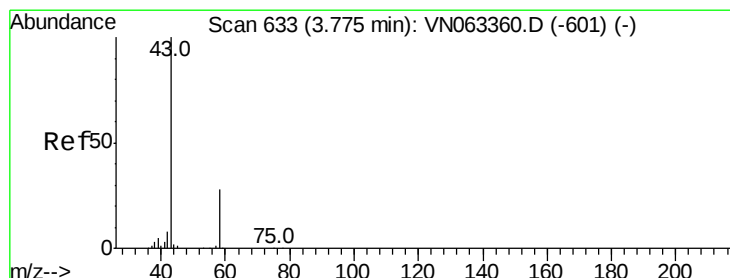
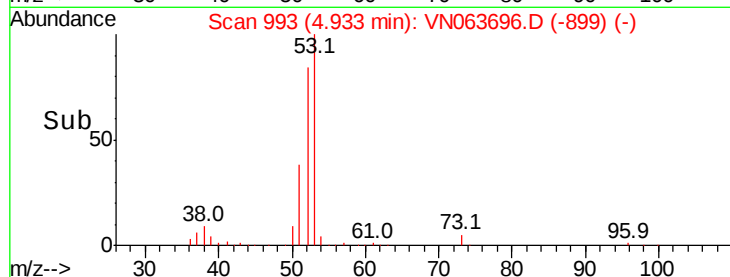
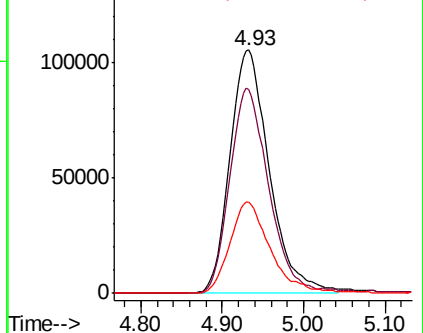
51 38.5 30.2 45.4



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: 272.897 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063696.D

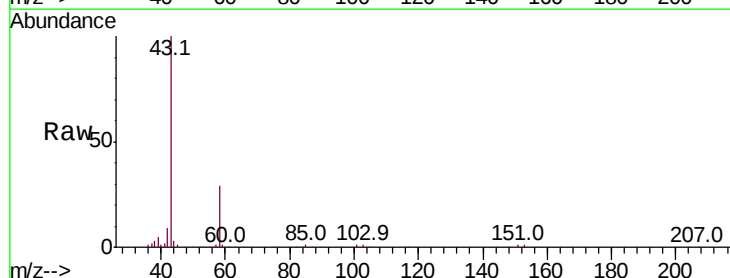
Acq: 25 Sep 2020 22:18

Tgt Ion: 43 Resp: 326360

Ion Ratio Lower Upper

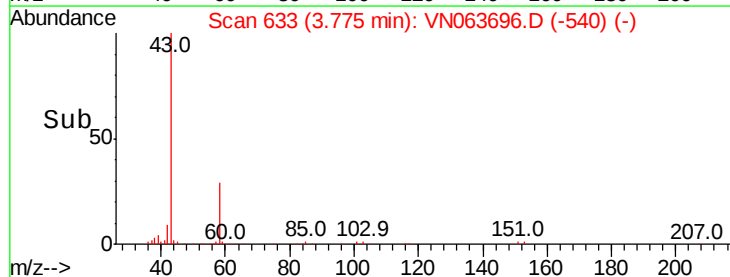
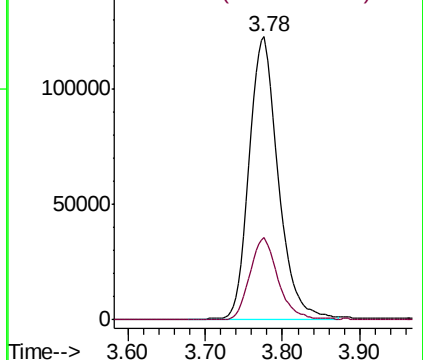
43 100

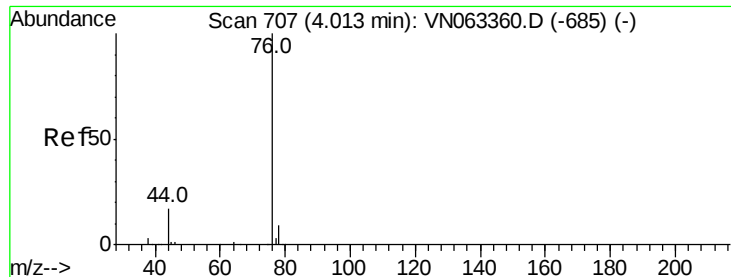
58 29.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

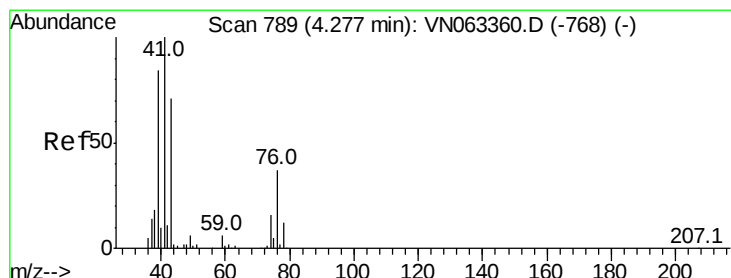
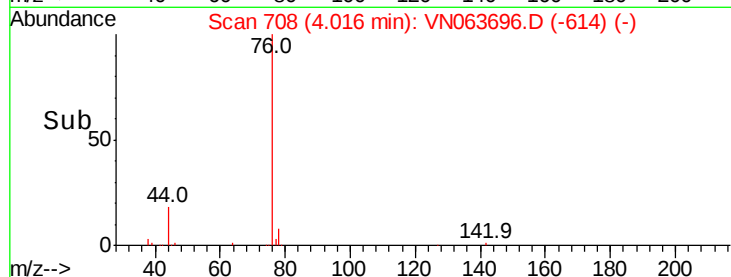
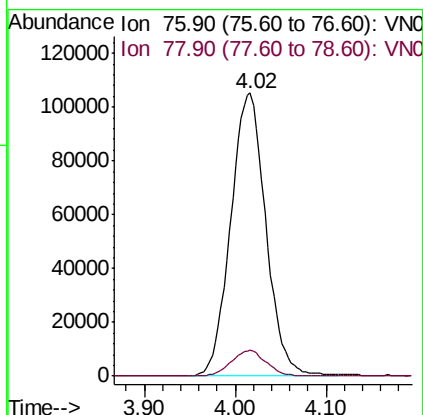
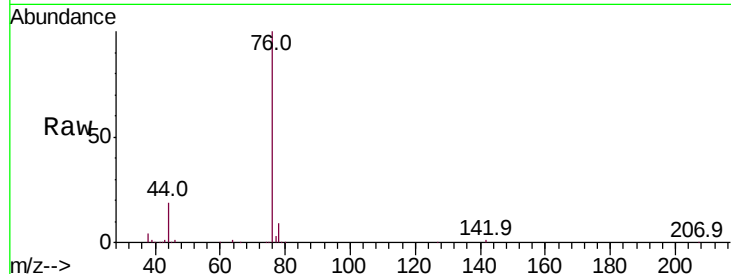




#17
Carbon Disulfide
Concen: 39.347 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

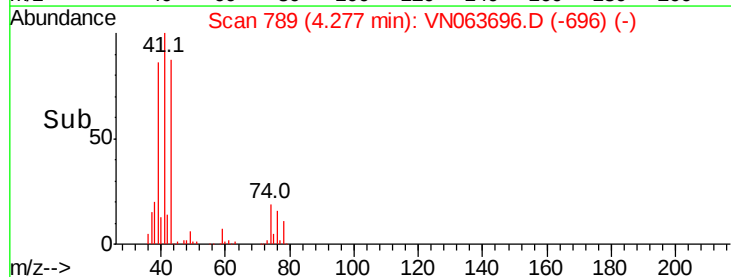
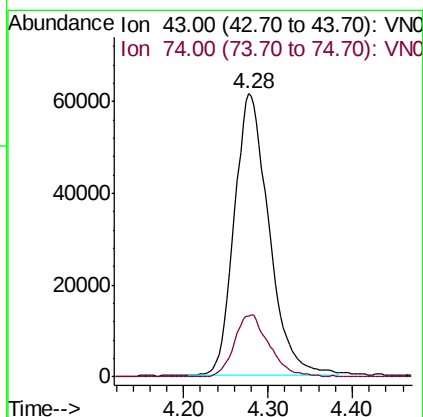
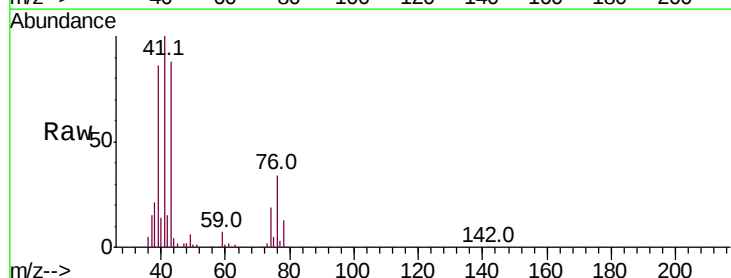
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

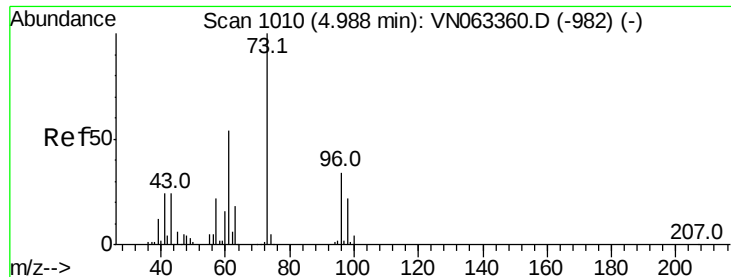
Tot Ion: 76 Resp: 282334
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 57.969 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 43 Resp: 175992
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2

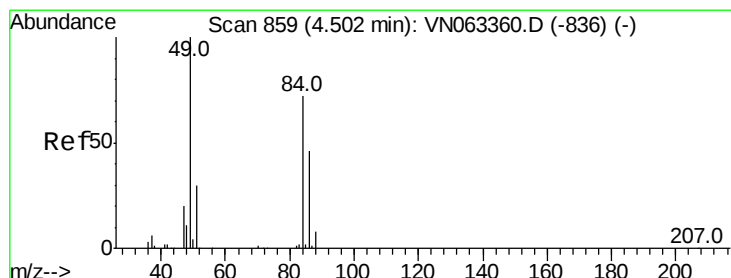
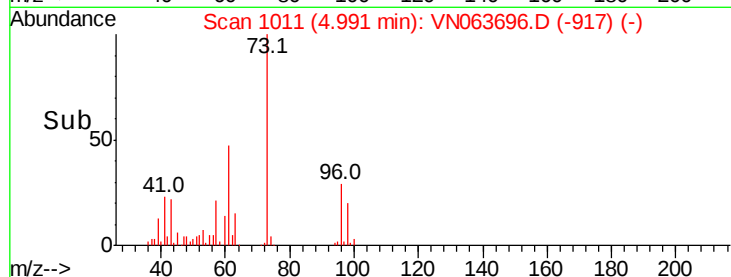
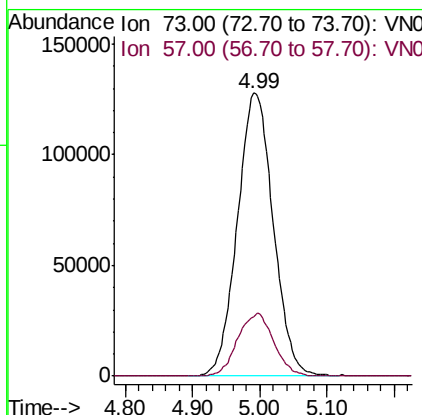
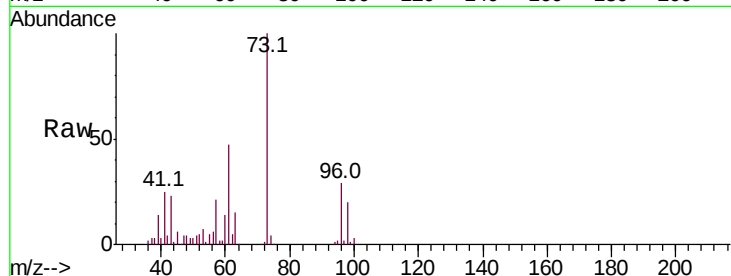




#19
Methvl tert-butvl Ether
Concen: 51.514 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

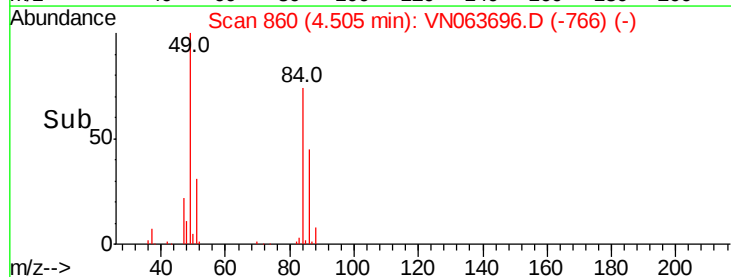
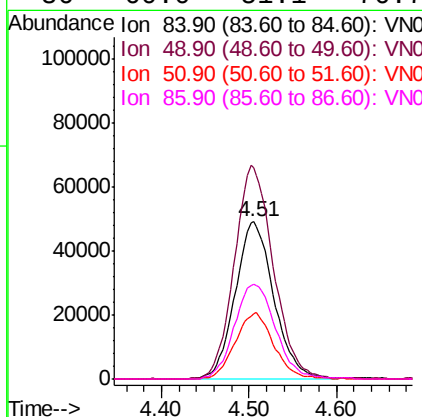
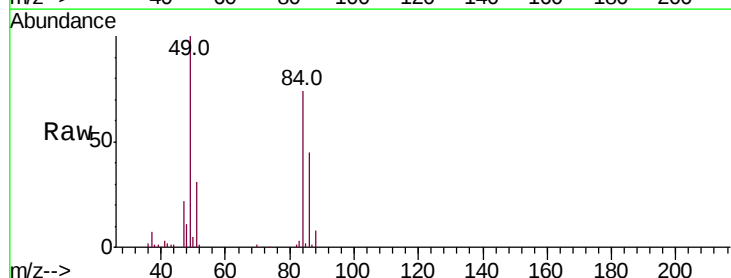
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

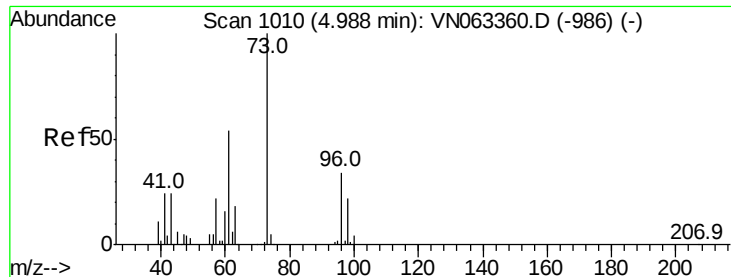
Tot Ion: 73 Resp: 473624
Ion Ratio Lower Upper
73 100
57 21.0 17.9 26.9



#20
Methylene Chloride
Concen: 49.711 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 84 Resp: 150624
Ion Ratio Lower Upper
84 100
49 134.2 110.7 166.1
51 41.6 32.9 49.3
86 60.0 51.1 76.7

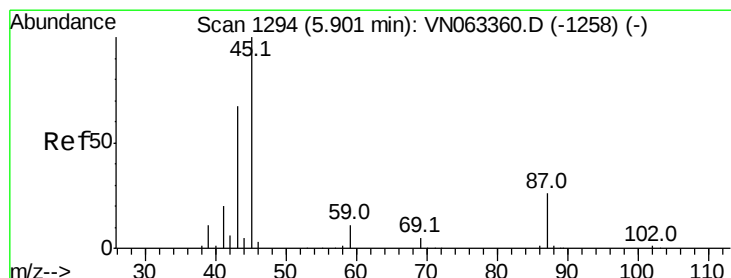
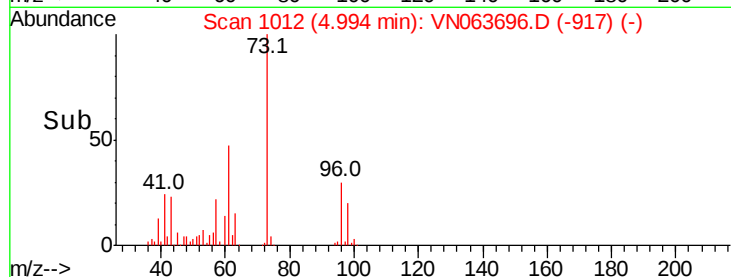
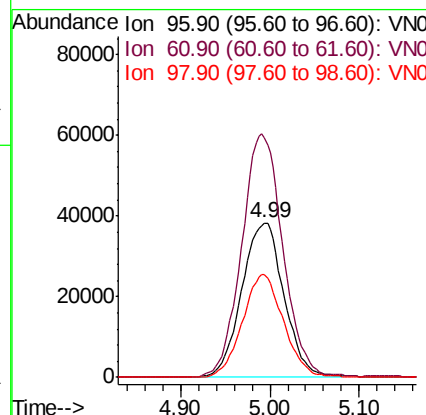
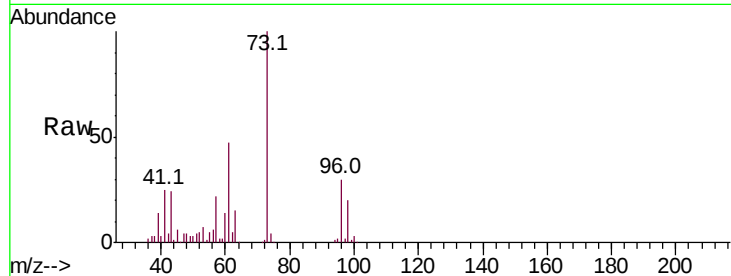




#21
trans-1,2-Dichloroethene
Concen: 46.213 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

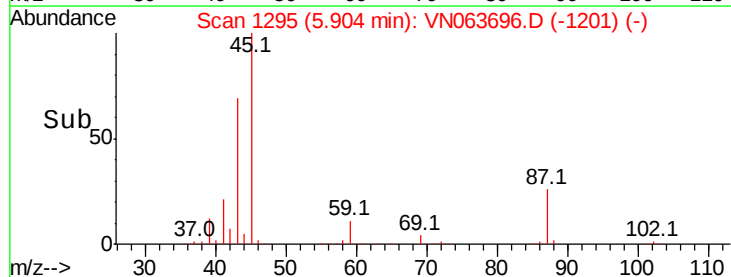
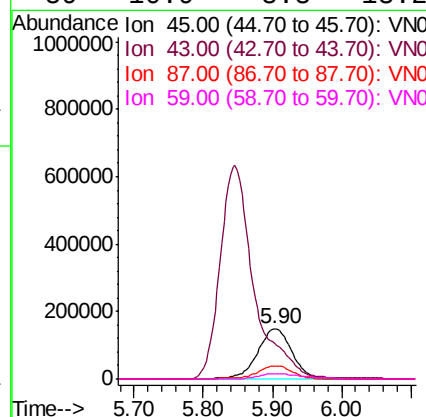
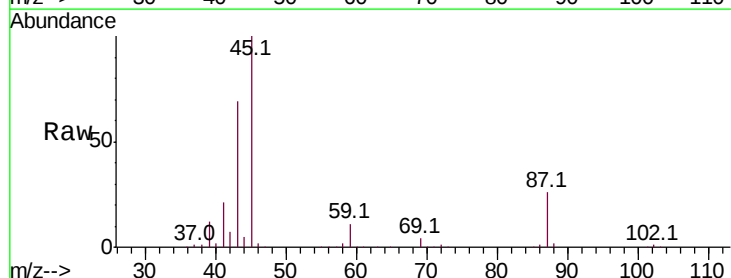
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

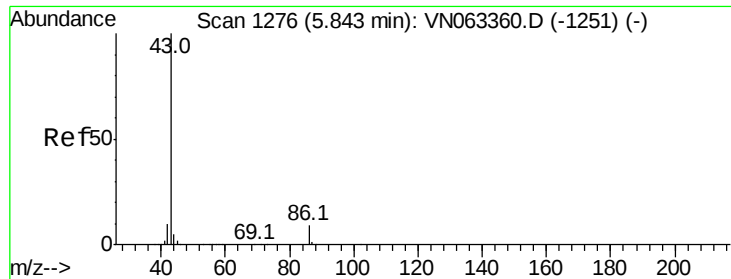
Tot Ion: 96 Resp: 126305
Ion Ratio Lower Upper
96 100
61 154.8 126.2 189.4
98 66.1 51.0 76.4



#22
Diisopropyl ether
Concen: 51.467 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 45 Resp: 512185
Ion Ratio Lower Upper
45 100
43 68.2 53.5 80.3
87 26.2 21.2 31.8
59 10.9 8.8 13.2





#23

Vinyl Acetate

Concen: 264.476 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

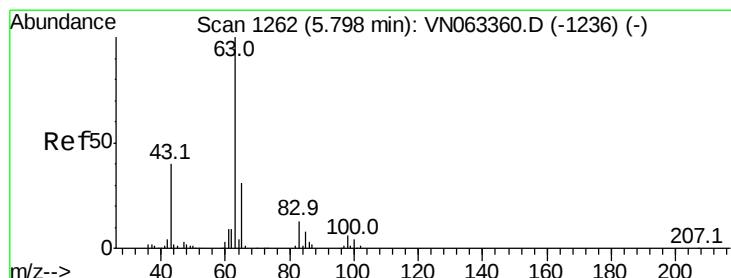
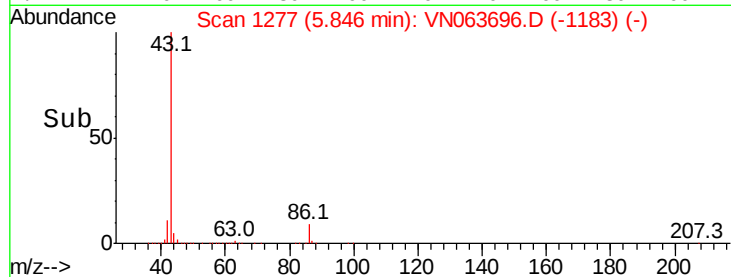
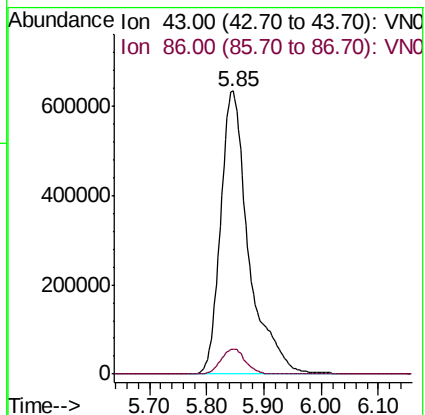
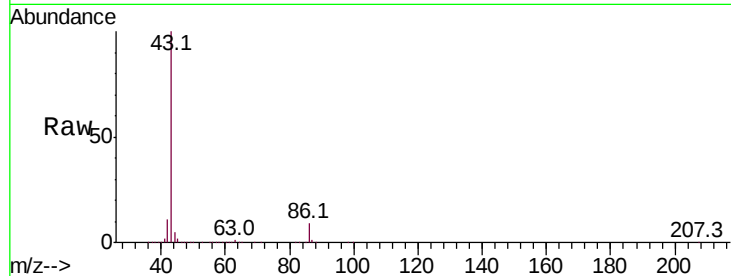
VSTDCCC050EC

Tot Ion: 43 Resp: 2161561

Ion Ratio Lower Upper

43 100

86 8.8 7.1 10.7



#24

1,1-Dichloroethane

Concen: 50.020 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

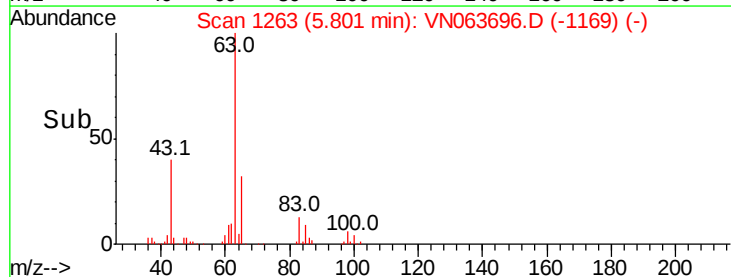
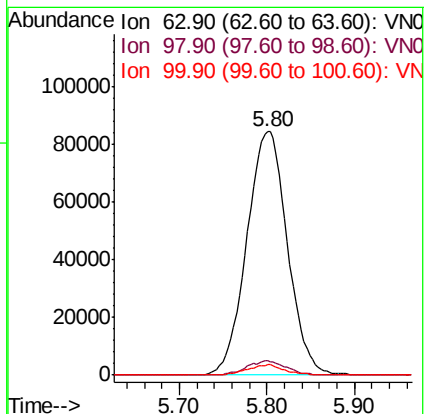
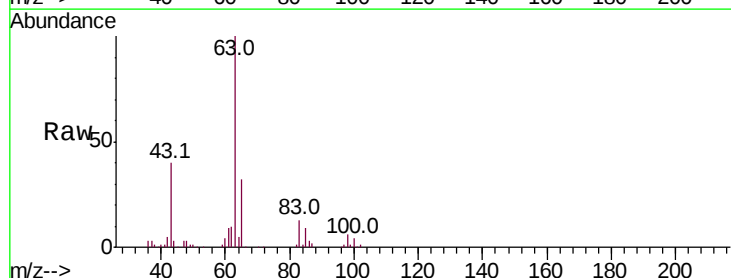
Tgt Ion: 63 Resp: 271767

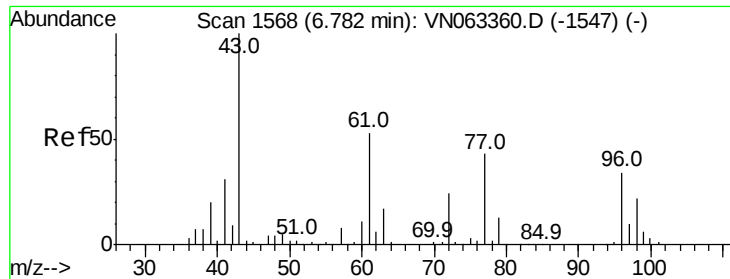
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.1 2.1 6.3

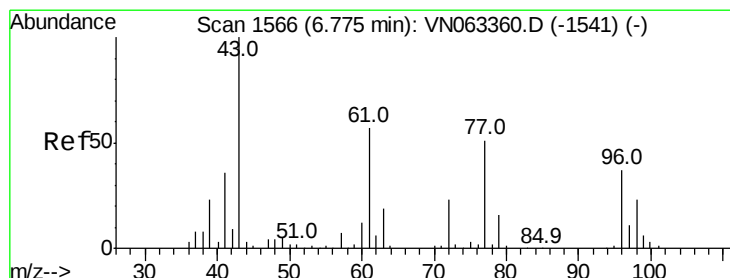
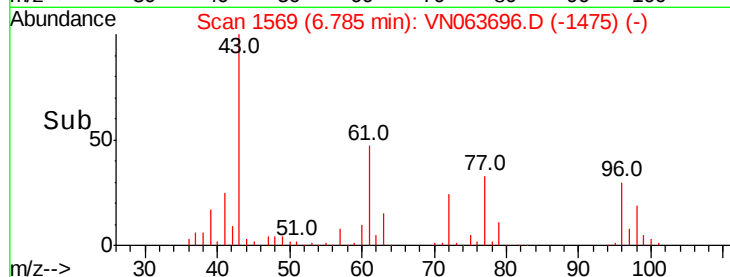
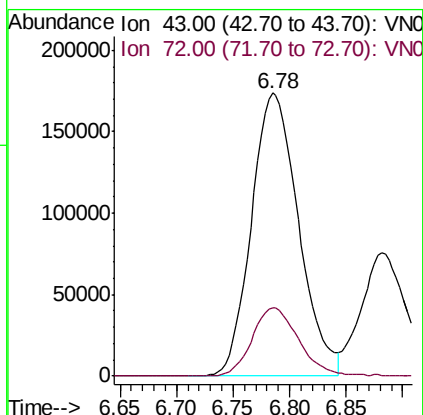
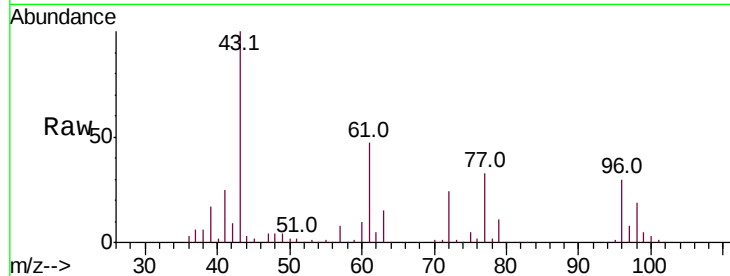




#25
2-Butanone
Concen: 272.418 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

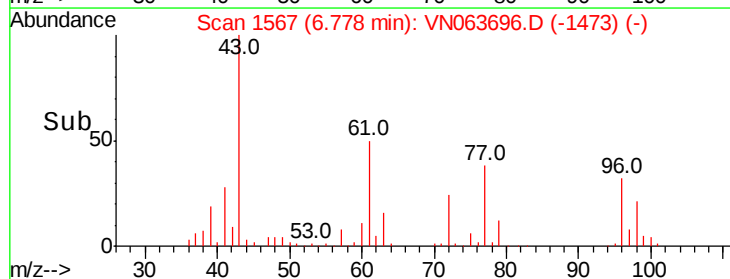
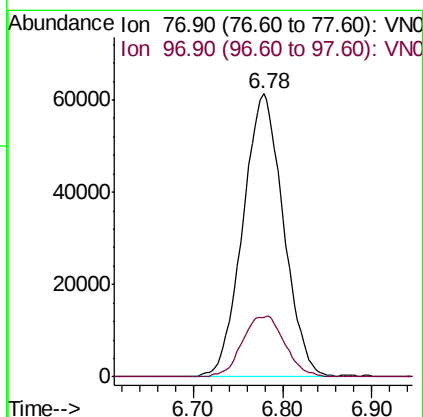
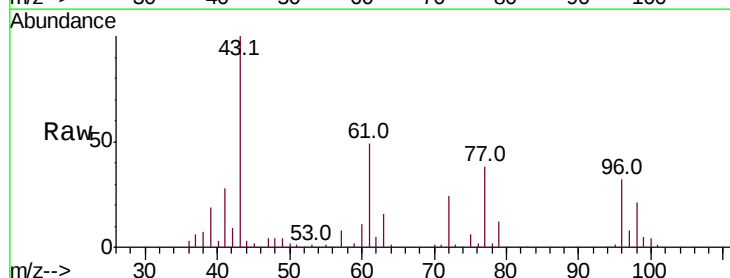
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

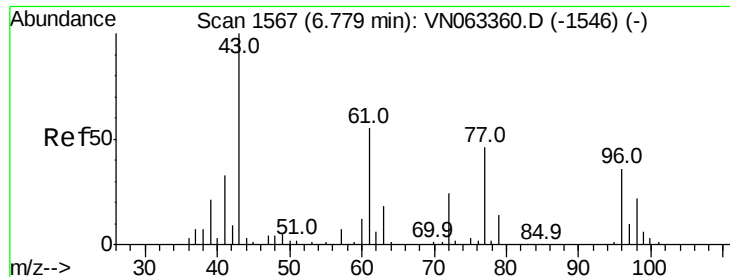
Tot Ion: 43 Resp: 501054
Ion Ratio Lower Upper
43 100
72 24.1 19.2 28.8



#26
2,2-Dichloropropane
Concen: 40.564 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 77 Resp: 194040
Ion Ratio Lower Upper
77 100
97 22.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 50.362 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

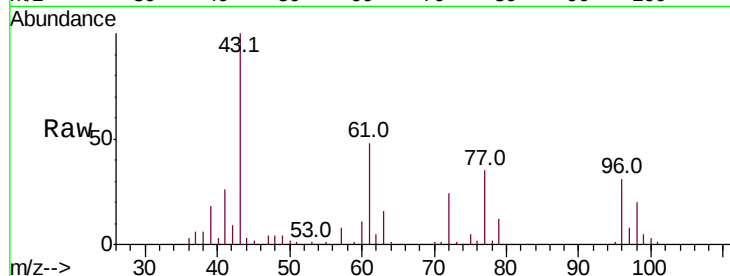
Tot Ion: 96 Resp: 155795

Ion Ratio Lower Upper

96 100

61 157.2 0.0 319.6

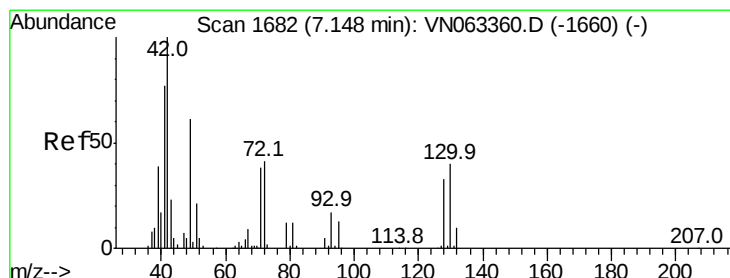
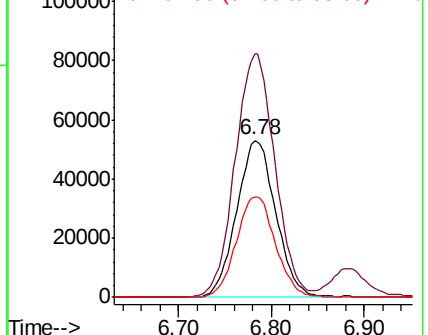
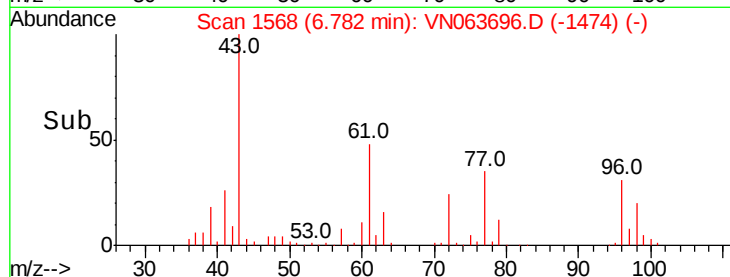
98 64.1 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 57.038 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

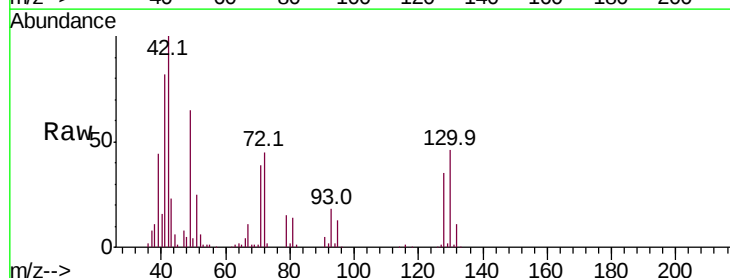
Tgt Ion: 49 Resp: 143088

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

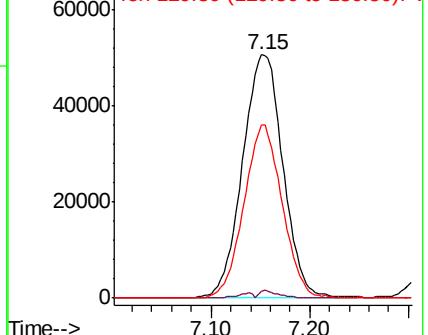
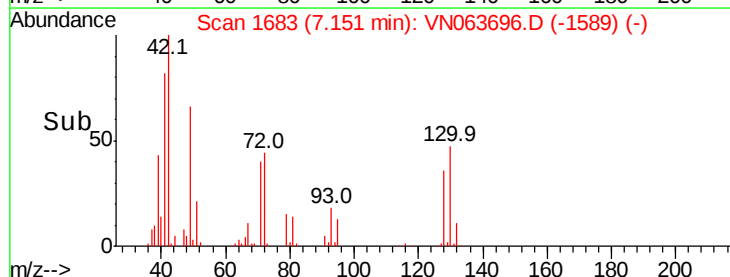
130 67.3 52.2 78.2

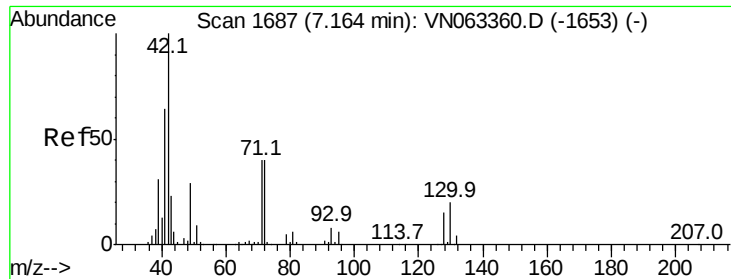


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

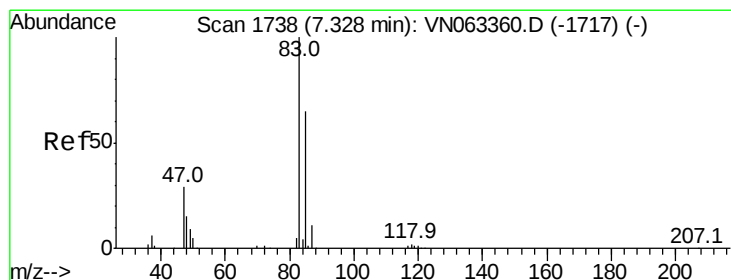
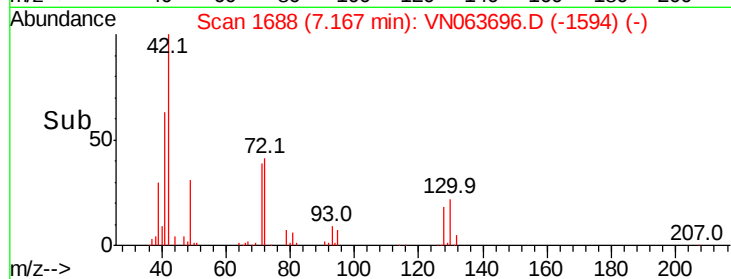
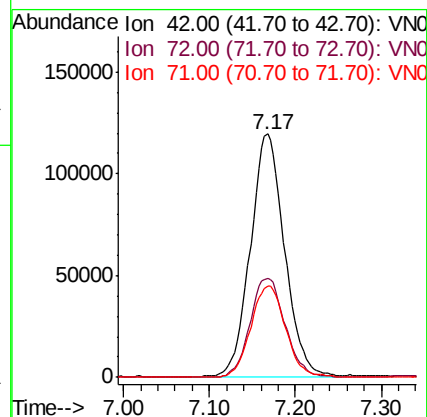
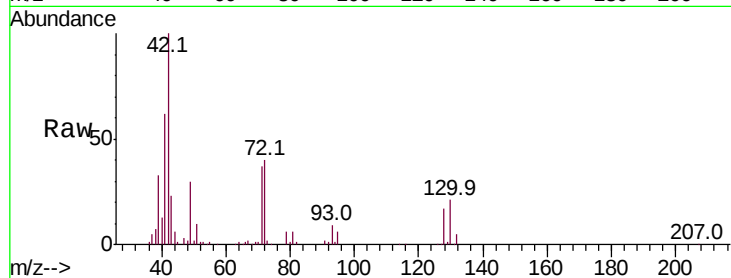




#29
Tetrahydrofuran
Concen: 262.431 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

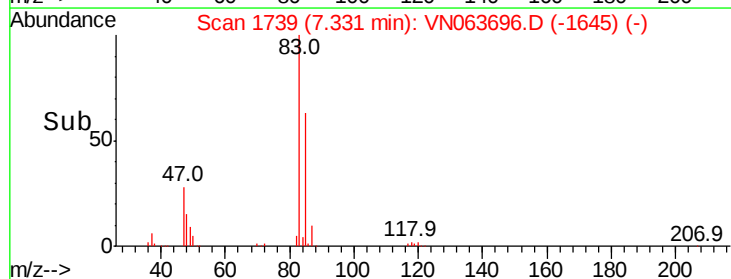
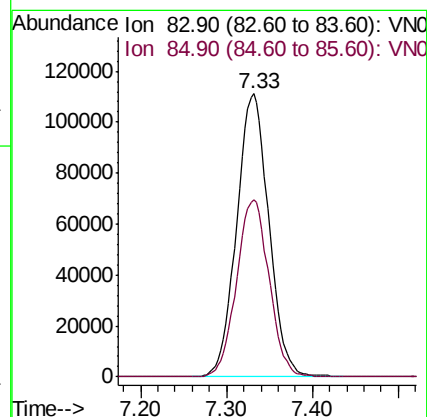
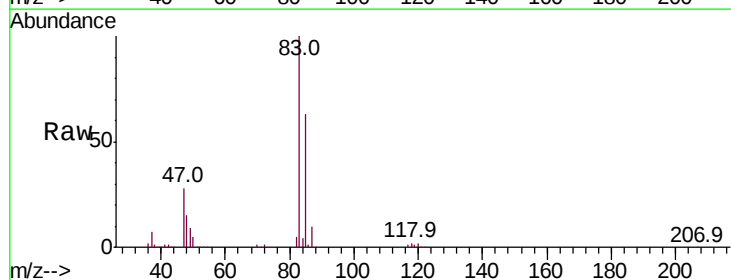
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

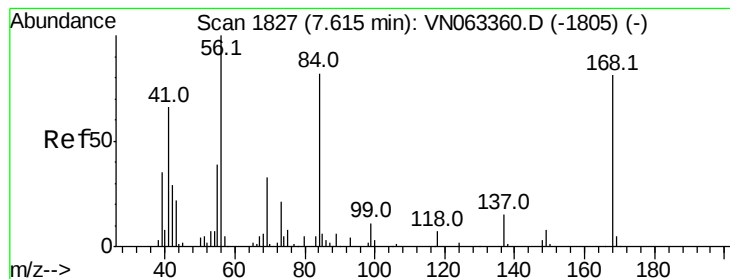
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.1	48.1
71	38.5	31.2	46.8



#30
Chloroform
Concen: 53.158 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.1	78.1





#31

Cyclohexane

Concen: 36.963 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

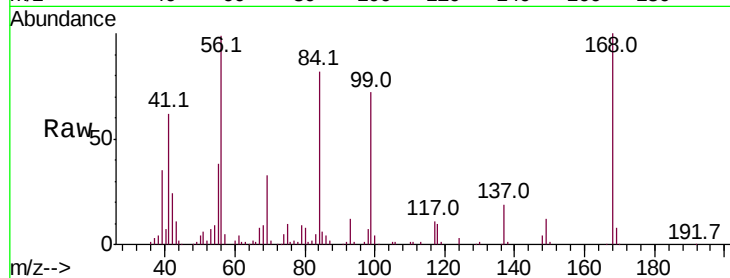
Tot Ion: 56 Resp: 189962

Ion Ratio Lower Upper

56 100

69 33.0 26.1 39.1

84 81.1 65.4 98.2

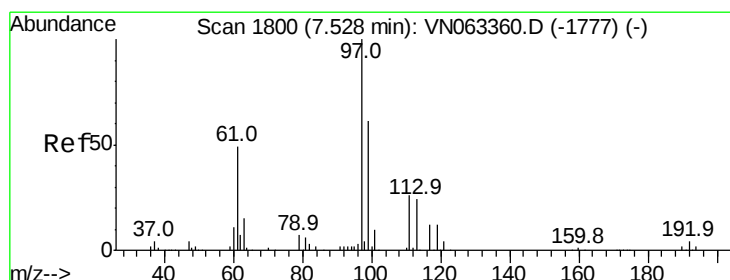
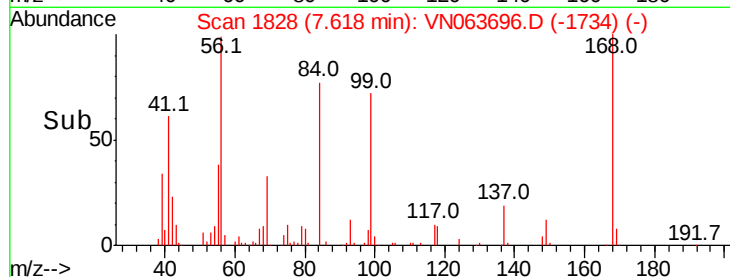
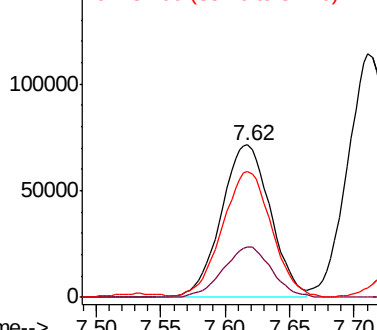


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.559 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

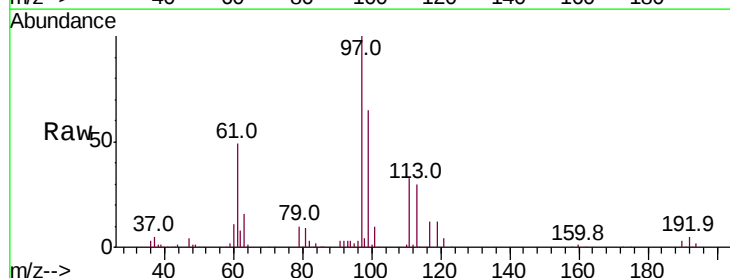
Tgt Ion: 97 Resp: 235427

Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

61 49.2 39.2 58.8

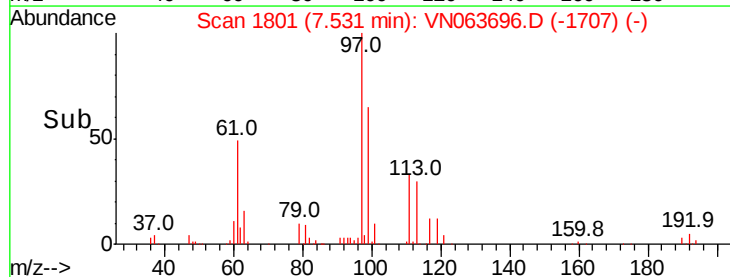
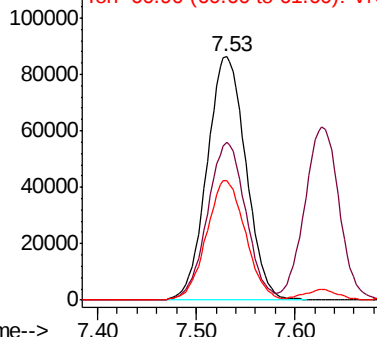


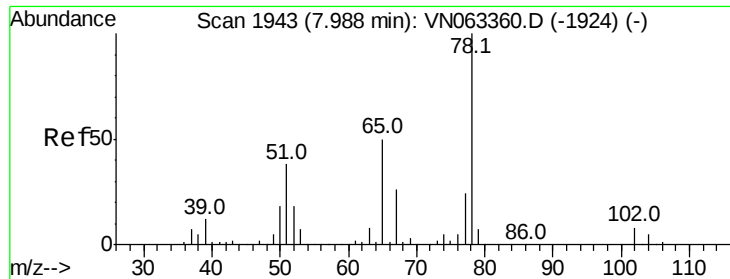
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 56.748 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

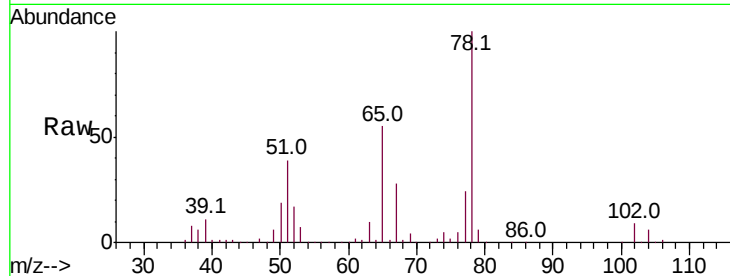
VSTDCCC050EC

Tot Ion: 65 Resp: 211166

Ion Ratio Lower Upper

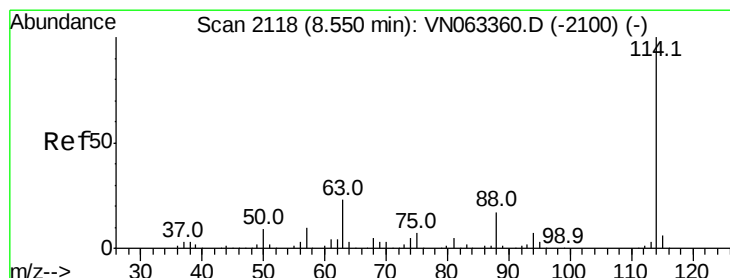
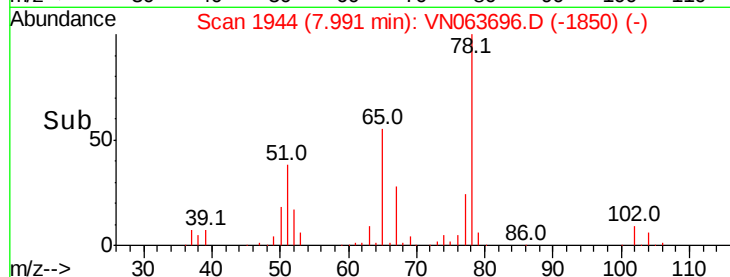
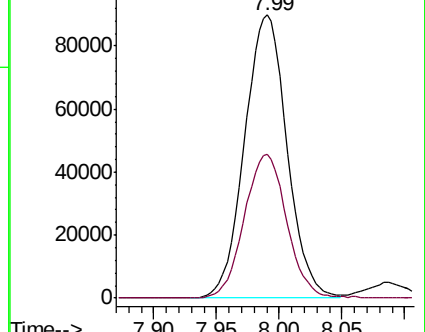
65 100

67 50.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

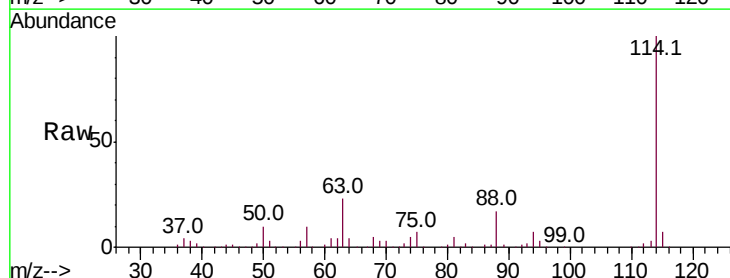
Tgt Ion: 114 Resp: 388002

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.4

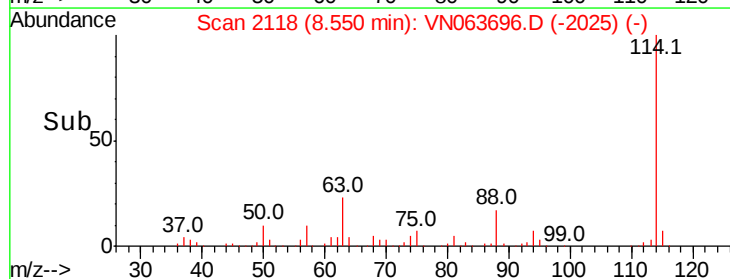
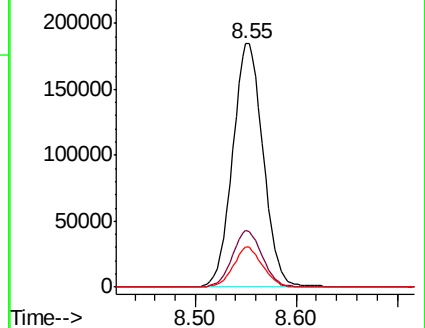
88 16.6 0.0 33.2

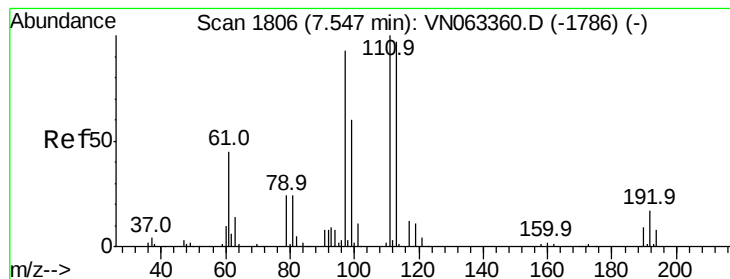


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

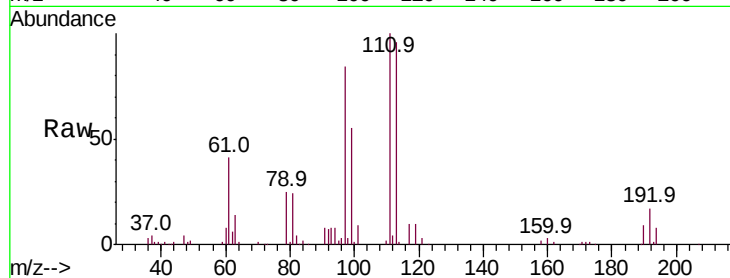




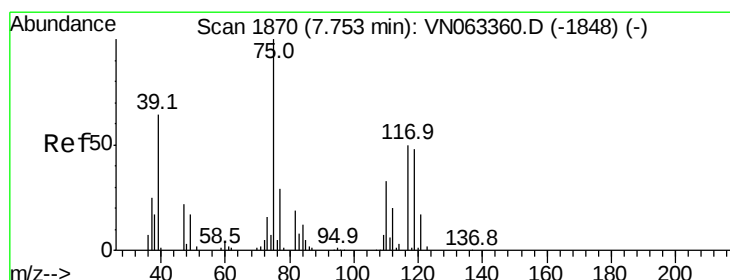
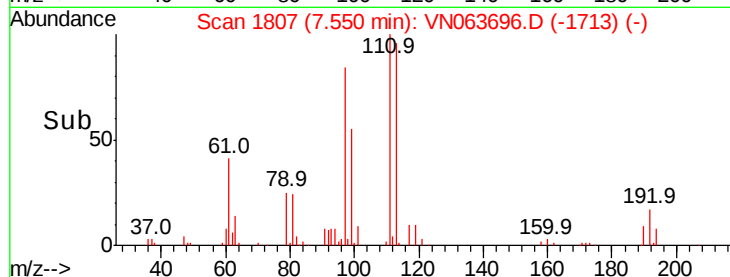
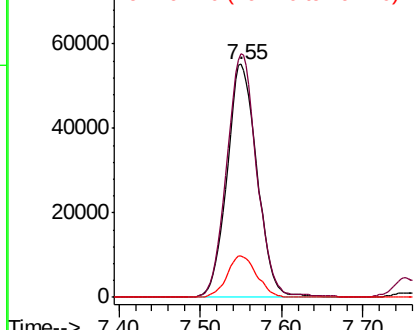
#35
Dibromofluoromethane
Concen: 53.042 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 142473
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 17.4 13.9 20.9

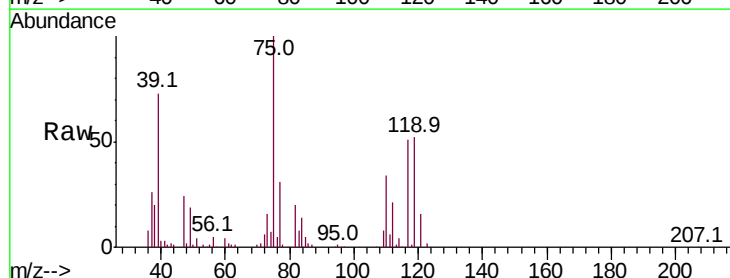


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

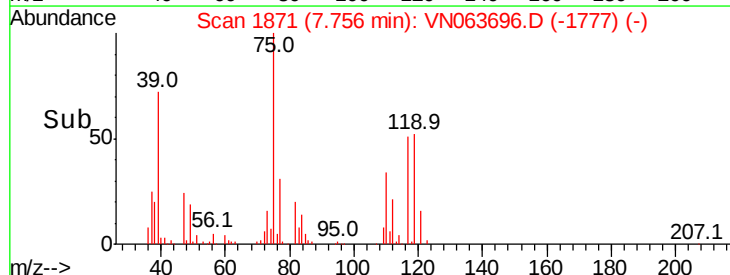
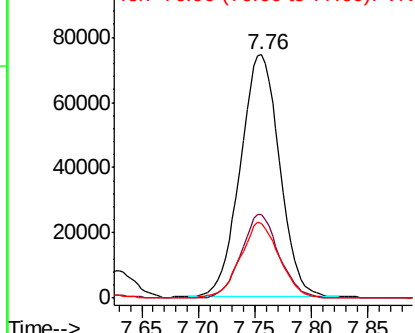


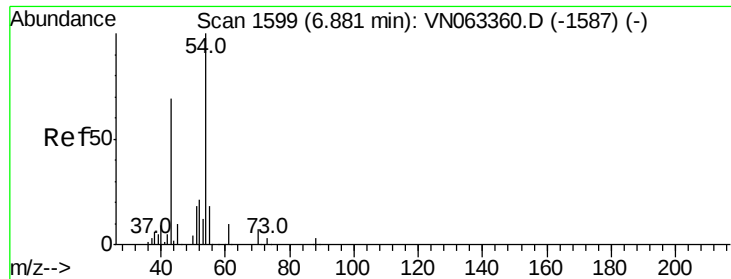
#36
1,1-Dichloropropene
Concen: 43.457 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 75 Resp: 179635
Ion Ratio Lower Upper
75 100
110 33.5 16.5 49.5
77 31.1 24.6 36.8



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

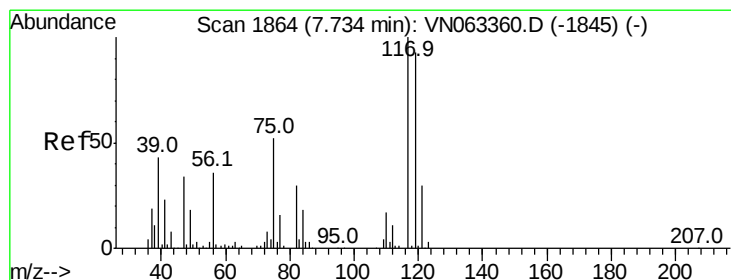
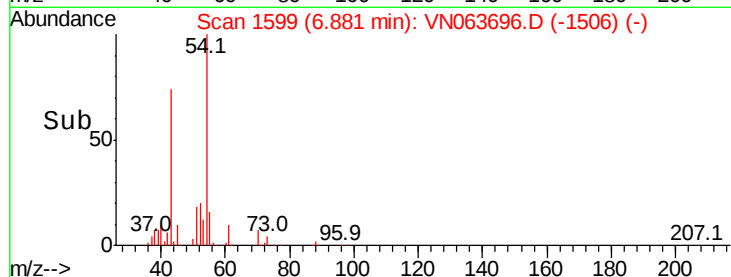
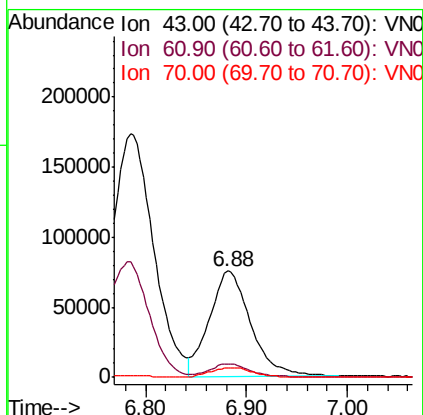
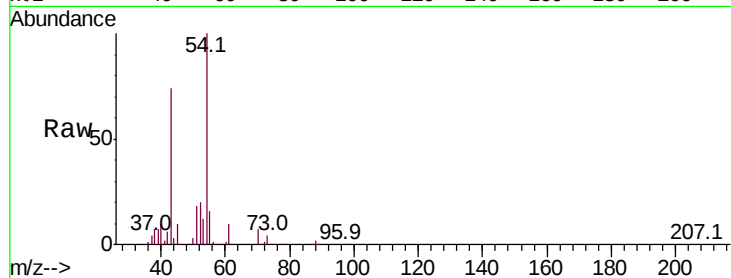




#37
Ethyl Acetate
Concen: 52.906 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

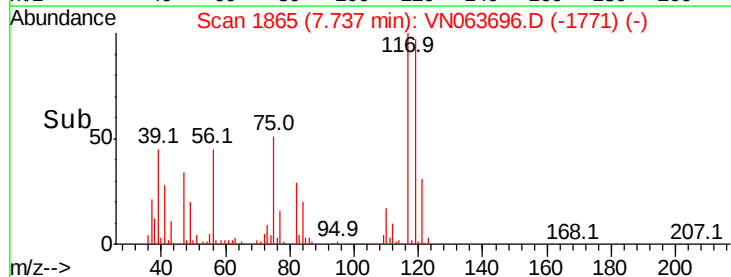
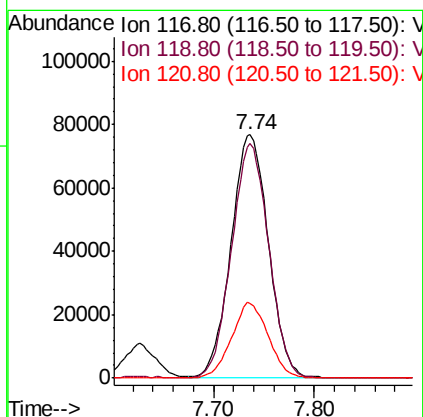
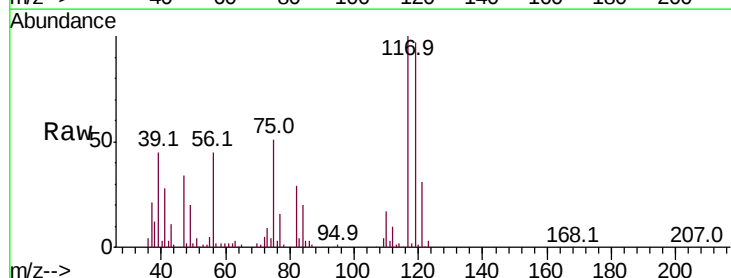
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

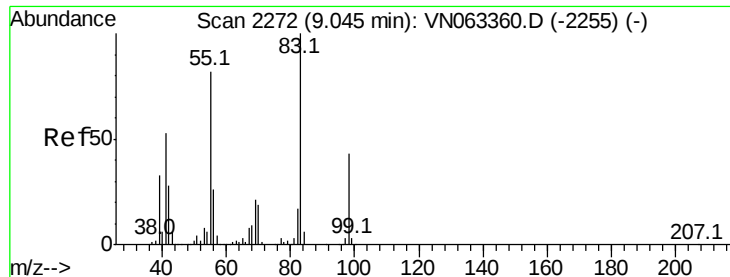
Tot Ion: 43 Resp: 214639
Ion Ratio Lower Upper
43 100
61 12.4 10.6 15.8
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.035 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 117 Resp: 198469
Ion Ratio Lower Upper
117 100
119 96.5 74.5 111.7
121 30.9 24.1 36.1

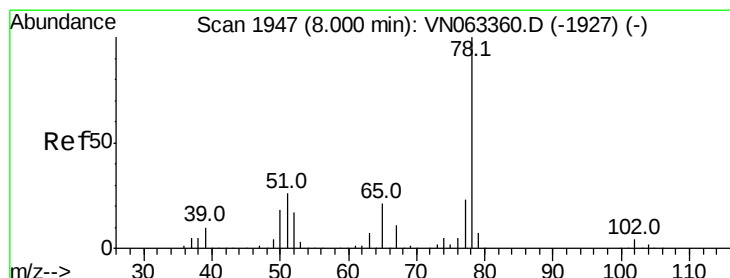
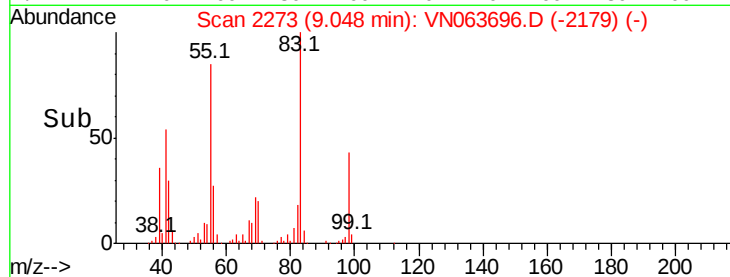
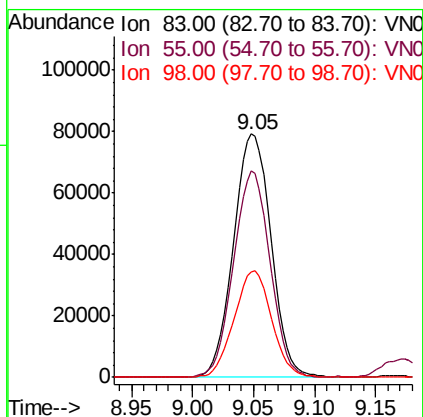
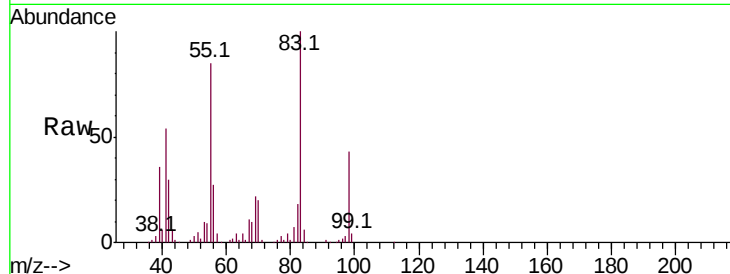




#39
Methvlcvclohexane
Concen: 37.723 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

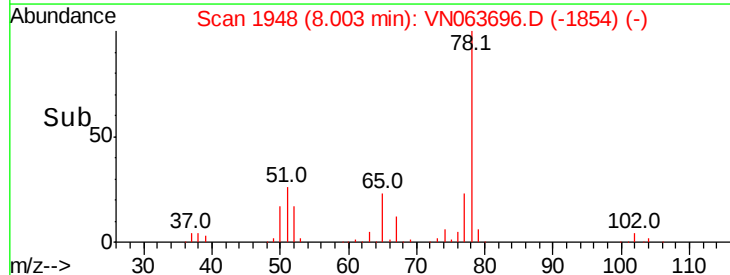
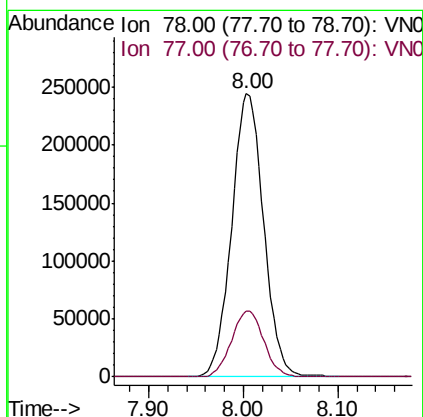
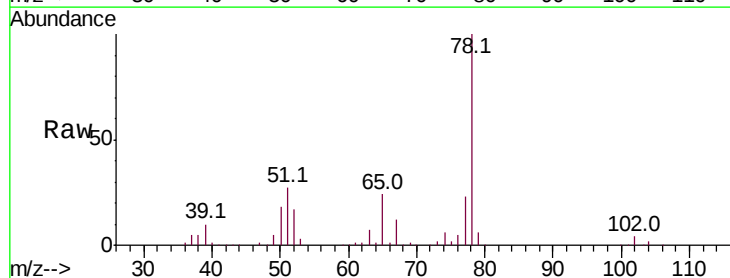
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

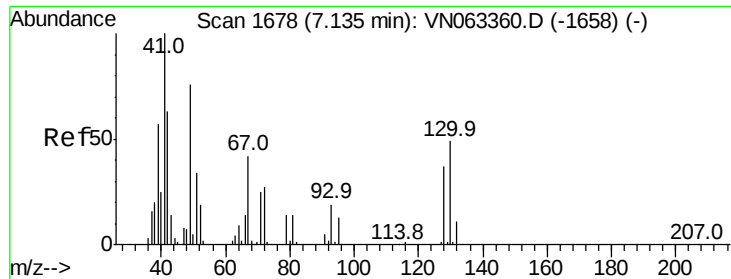
Tot Ion	83	Resp	169238
Ion Ratio	100	Lower	Upper
55	84.8	65.5	98.3
98	43.4	34.2	51.4



#40
Benzene
Concen: 48.533 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion	78	Resp	572688
Ion Ratio	100	Lower	Upper
77	23.4	18.3	27.5

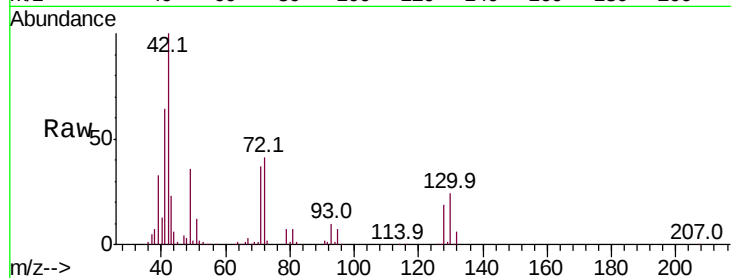




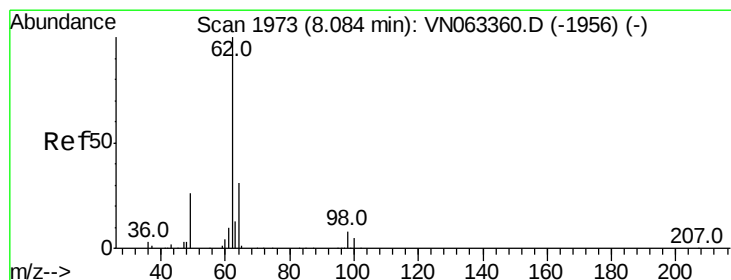
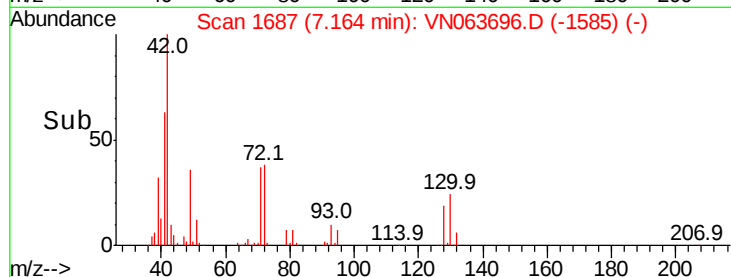
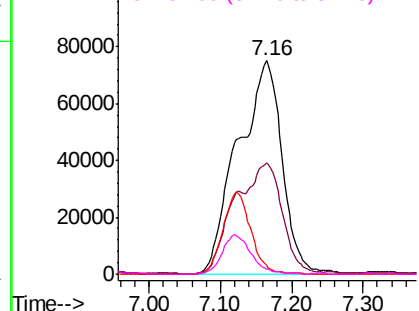
#41
Methacrylonitrile
Concen: 176.123 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	321366
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

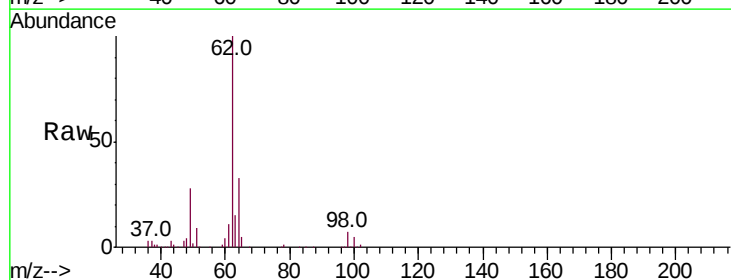


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

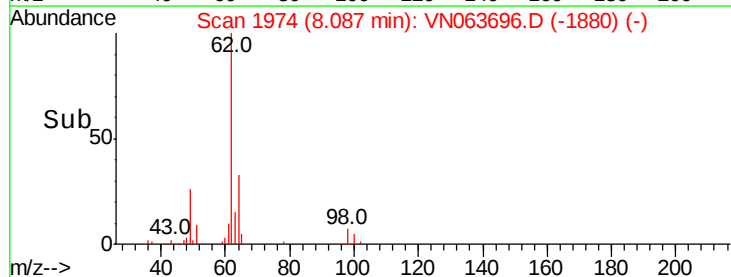
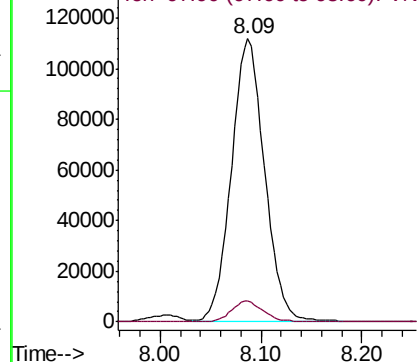


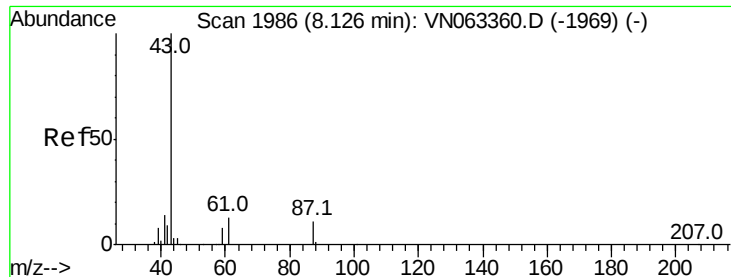
#42
1,2-Dichloroethane
Concen: 53.677 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion:	62	Resp:	254717
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 50.474 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

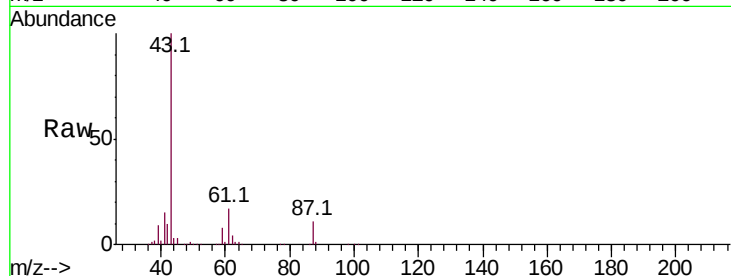
Tot Ion: 43 Resp: 366149

Ion Ratio Lower Upper

43 100

61 18.7 14.2 21.2

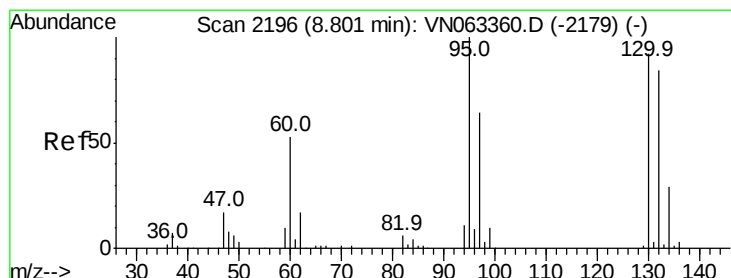
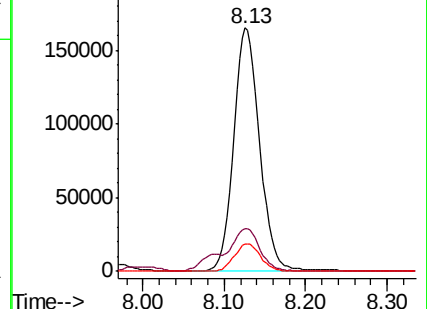
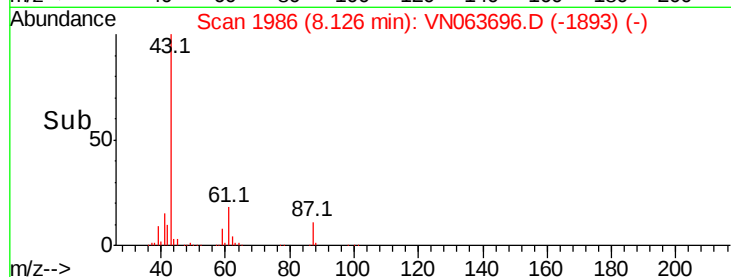
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 47.568 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063696.D

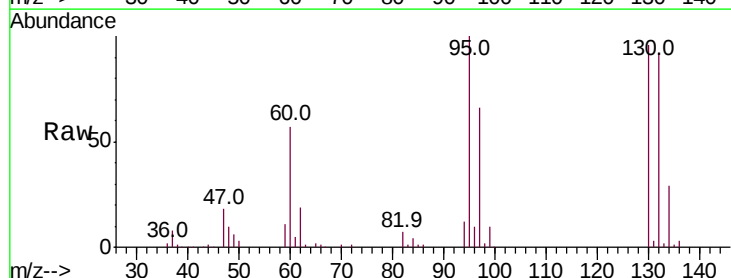
Acq: 25 Sep 2020 22:18

Tgt Ion:130 Resp: 136142

Ion Ratio Lower Upper

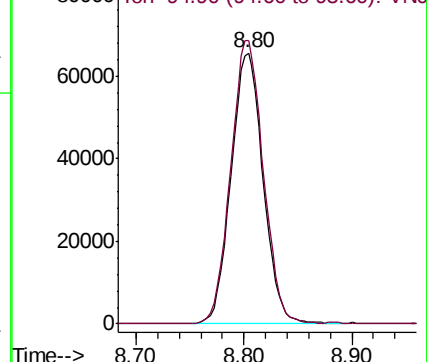
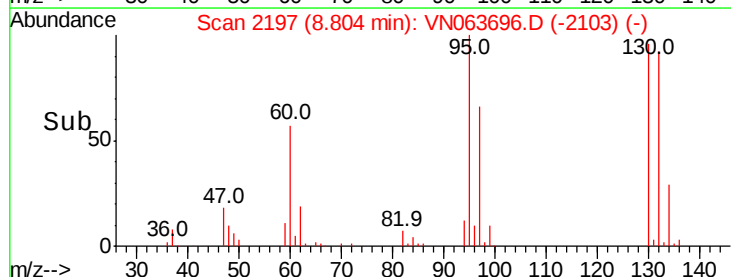
130 100

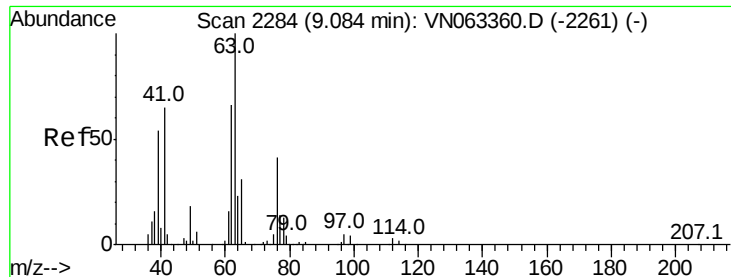
95 104.5 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 50.517 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

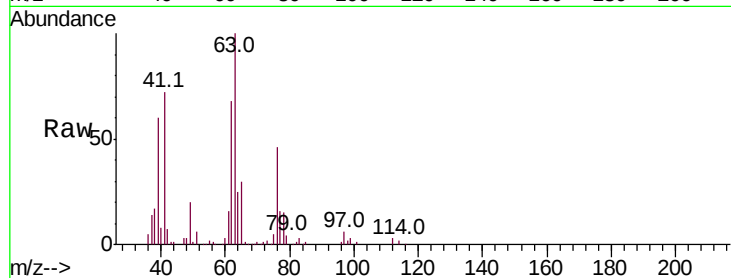
VSTDCCC050EC

Tot Ion: 63 Resp: 162352

Ion Ratio Lower Upper

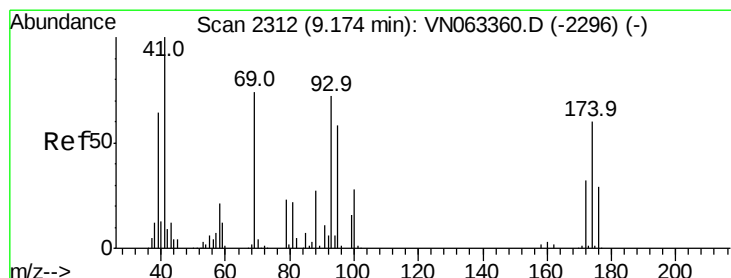
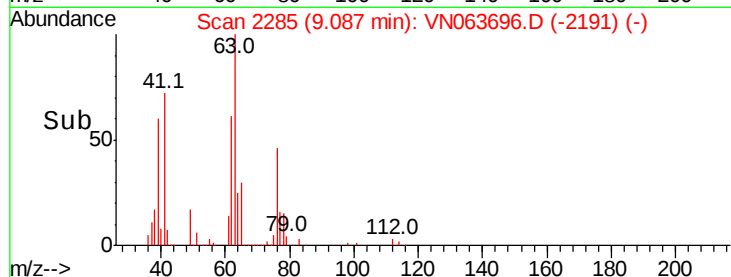
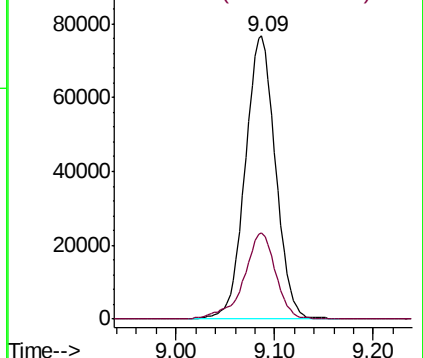
63 100

65 30.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 53.724 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

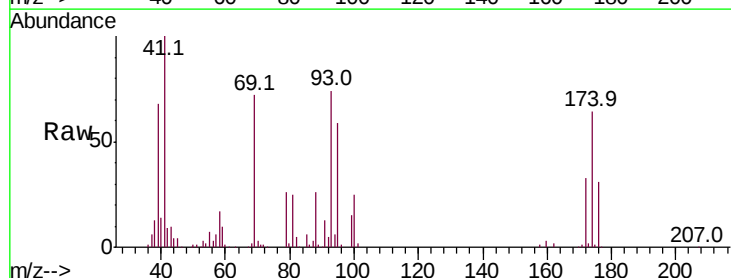
Tgt Ion: 93 Resp: 113481

Ion Ratio Lower Upper

93 100

95 80.2 65.6 98.4

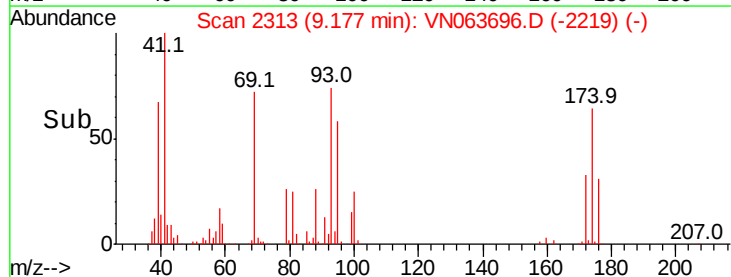
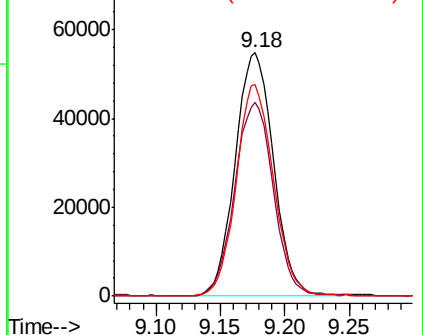
174 84.7 68.1 102.1

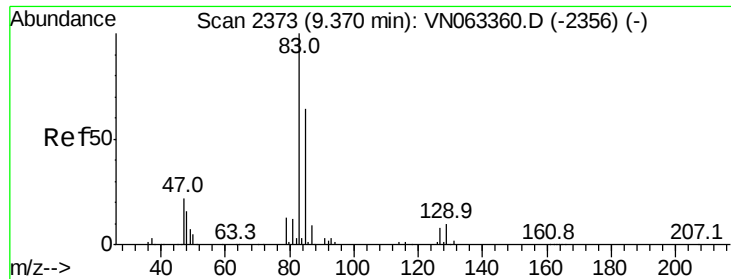


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.503 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

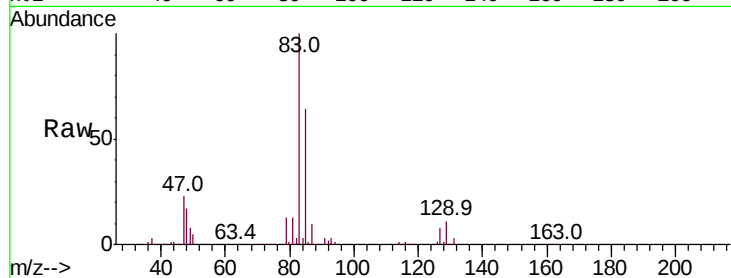
Tot Ion: 83 Resp: 230393

Ion Ratio Lower Upper

83 100

85 63.9 51.0 76.6

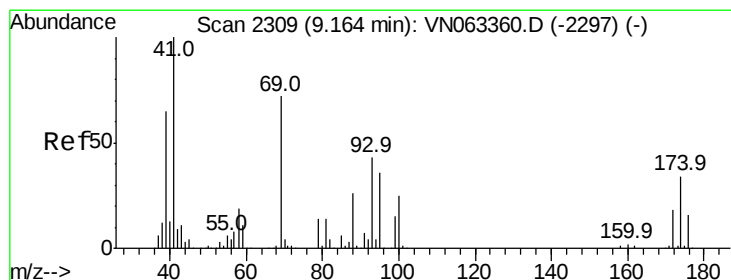
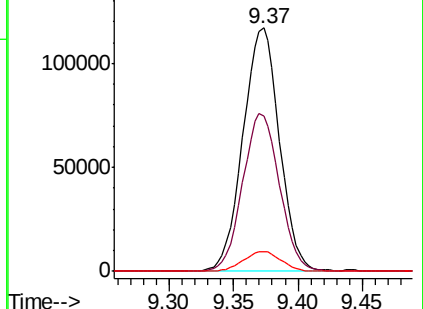
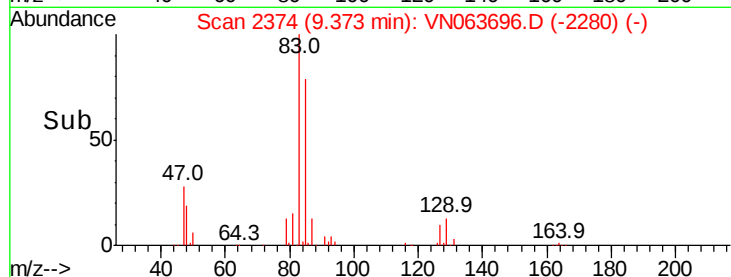
127 8.3 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)



#48

Methyl methacrylate

Concen: 50.351 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

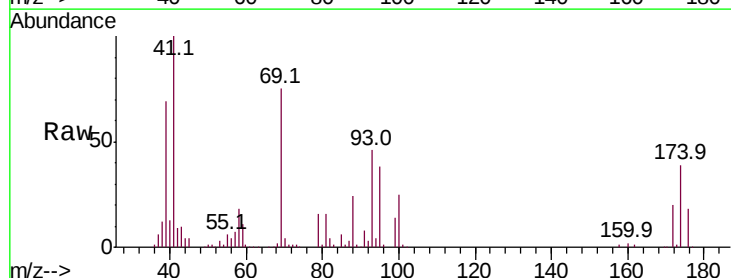
Tgt Ion: 41 Resp: 179454

Ion Ratio Lower Upper

41 100

69 76.7 59.3 88.9

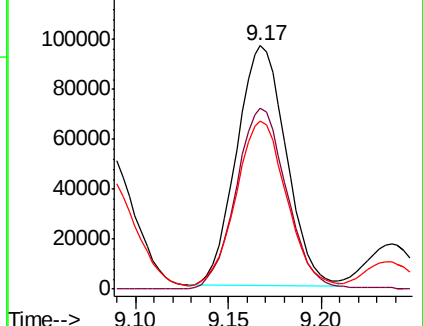
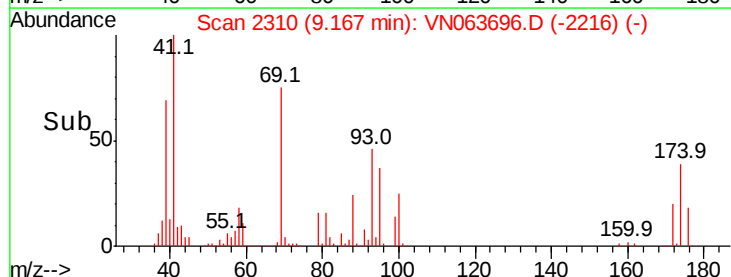
39 71.6 52.9 79.3

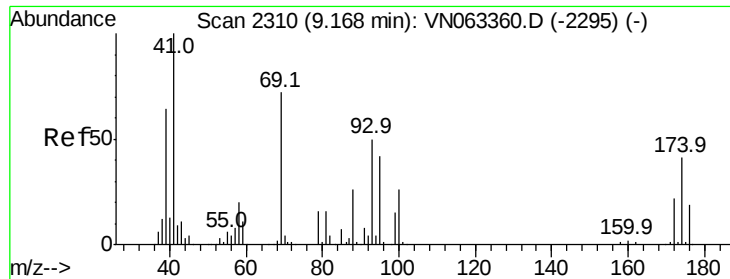


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)

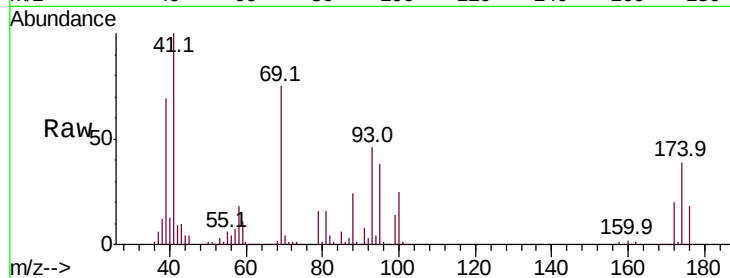




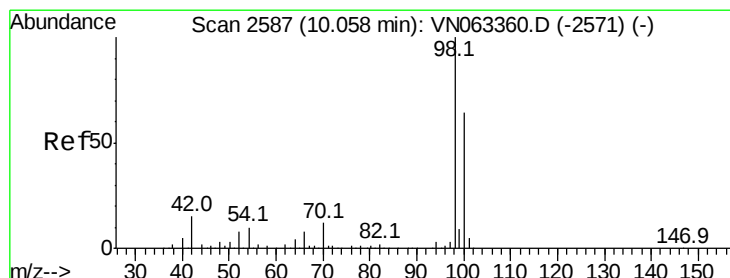
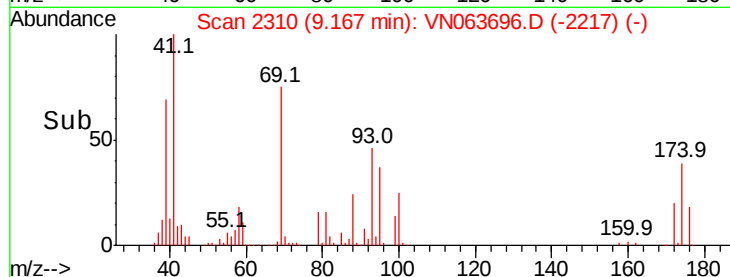
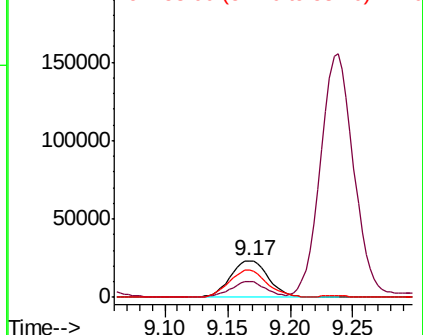
#49
 1,4-Dioxane
 Concen: 972.949 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 49763
 Ion Ratio Lower Upper
 88 100
 43 38.2 32.6 49.0
 58 73.9 60.0 90.0

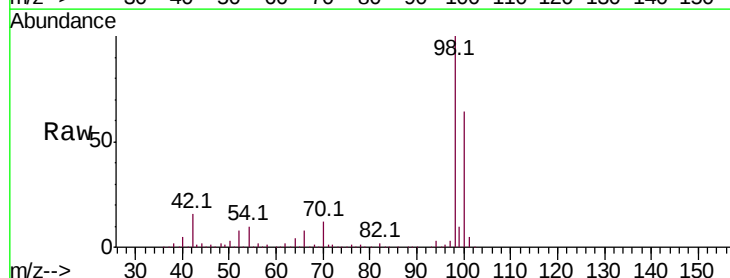


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

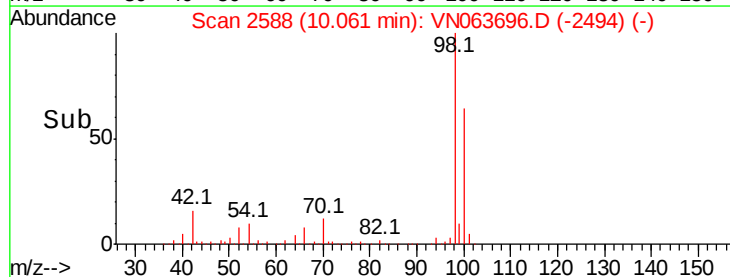
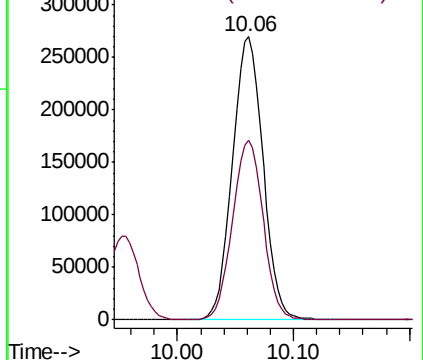


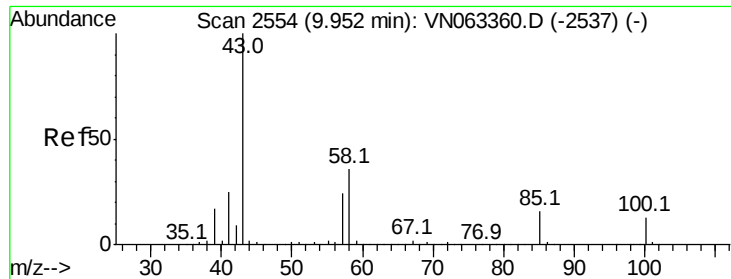
#50
 Toluene-d8
 Concen: 48.768 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Tgt Ion: 98 Resp: 492563
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.7 76.1



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: 277.228 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

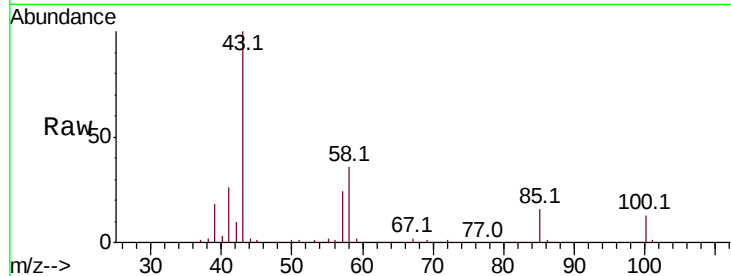
VSTDCCC050EC

Tot Ion: 43 Resp: 1125877

Ion Ratio Lower Upper

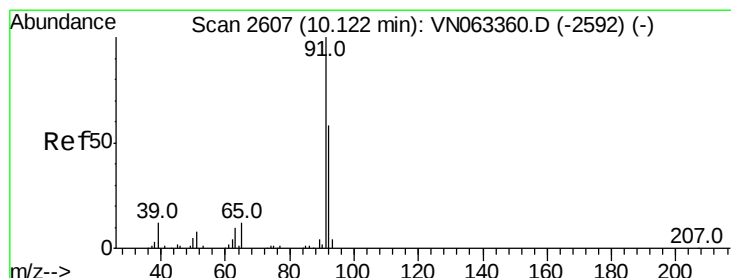
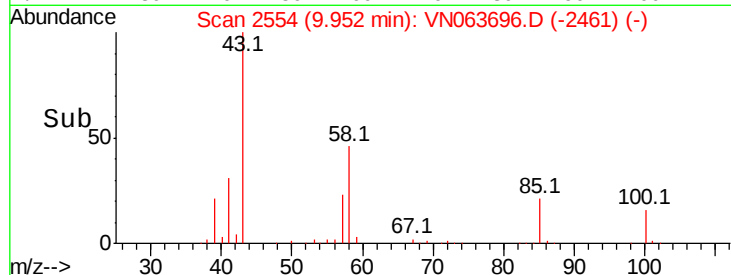
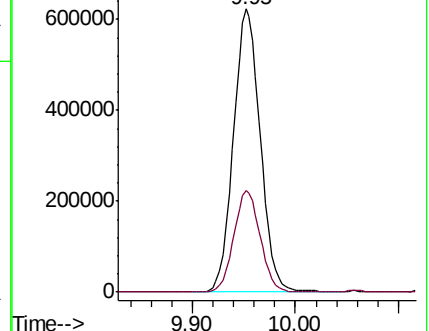
43 100

58 35.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.625 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063696.D

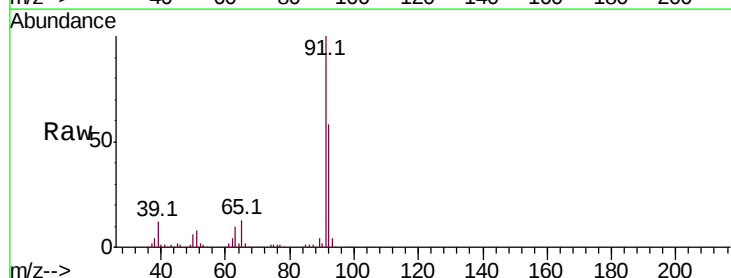
Acq: 25 Sep 2020 22:18

Tgt Ion: 92 Resp: 344973

Ion Ratio Lower Upper

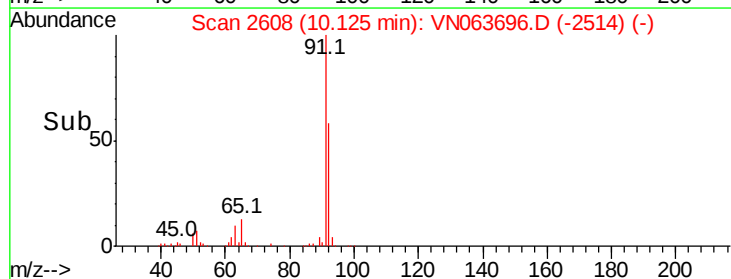
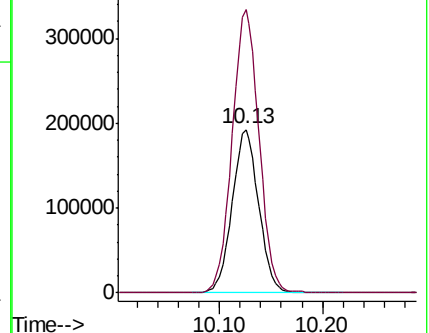
92 100

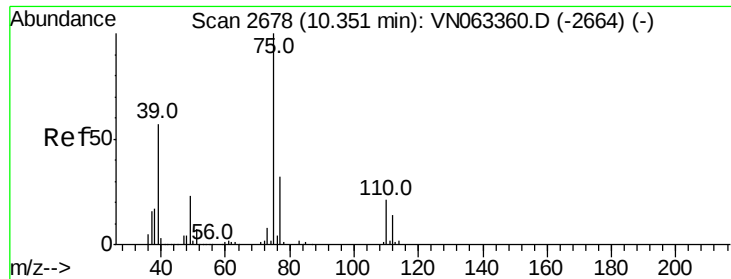
91 175.8 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 48.900 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

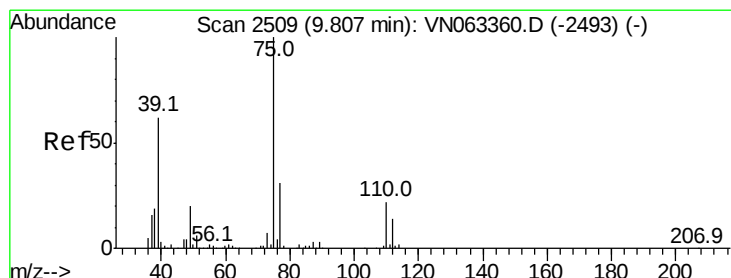
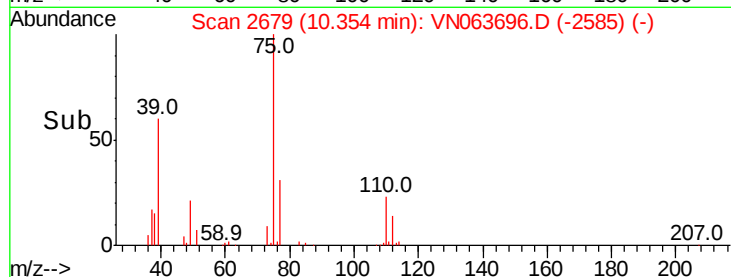
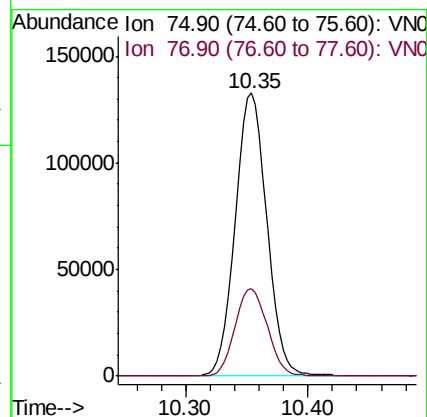
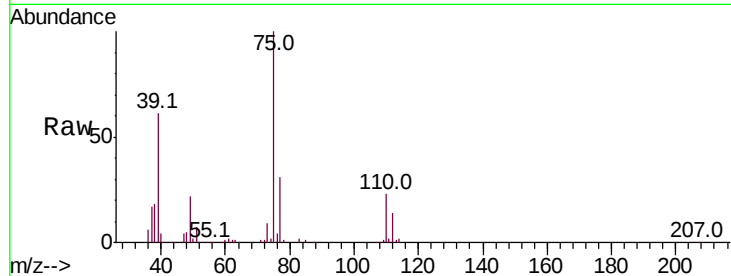
VSTDCCC050EC

Tot Ion: 75 Resp: 239558

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.484 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

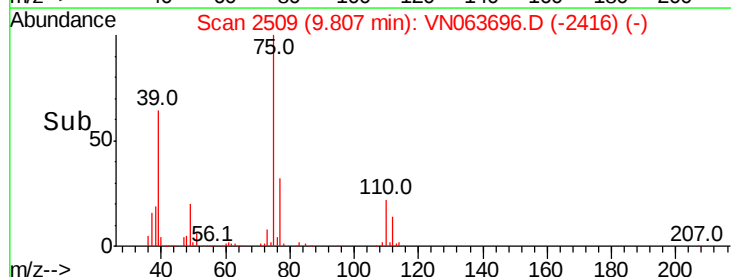
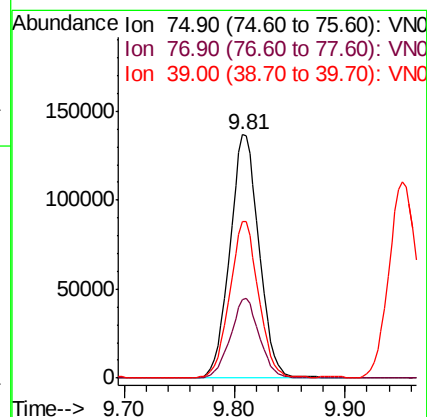
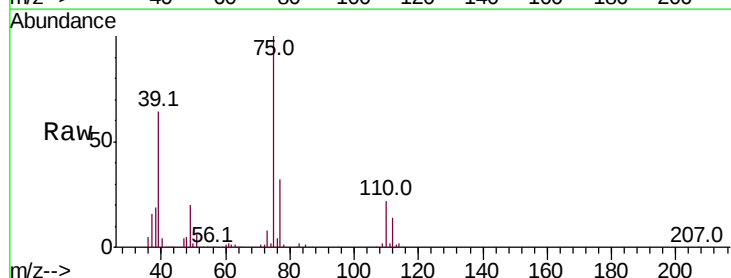
Tgt Ion: 75 Resp: 250536

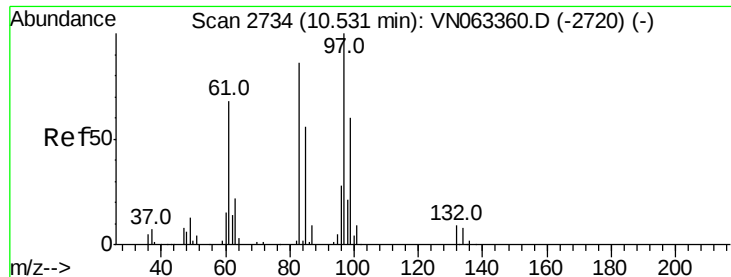
Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0

39 64.0 49.8 74.8

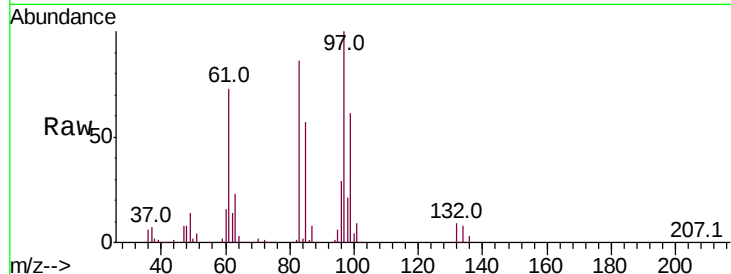




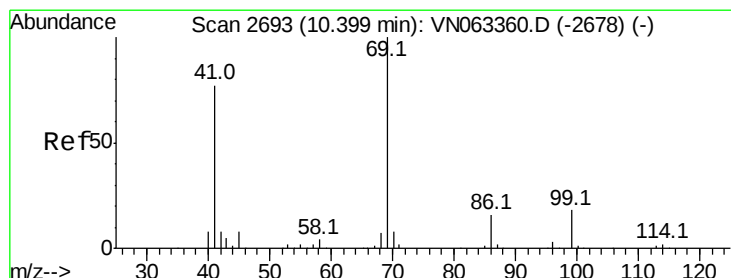
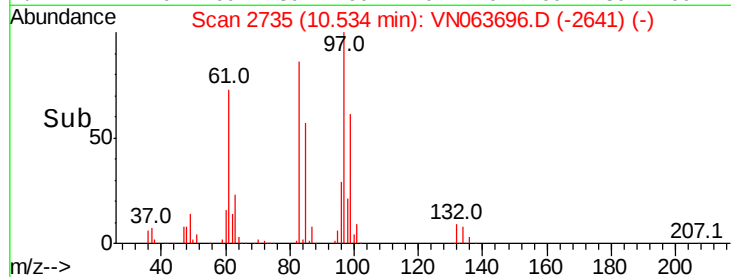
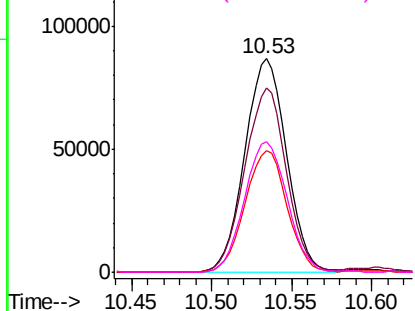
#55
1,1,2-Trichloroethane
Concen: 55.171 ug/l
RT: 10.53 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 97 Resp: 155471
Ion Ratio Lower Upper
97 100
83 86.4 68.9 103.3
85 57.2 44.8 67.2
99 61.2 47.8 71.8

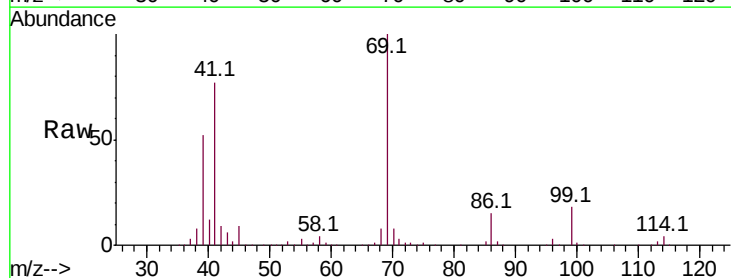


Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 98.90 (98.60 to 99.60): VNO

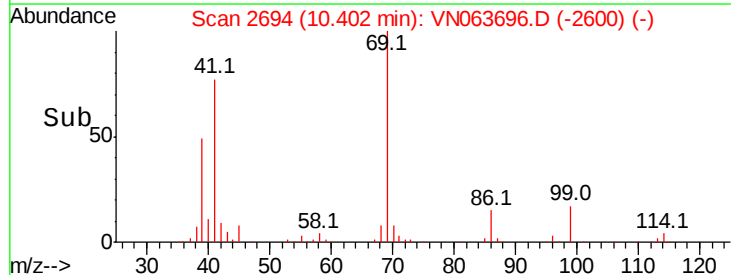
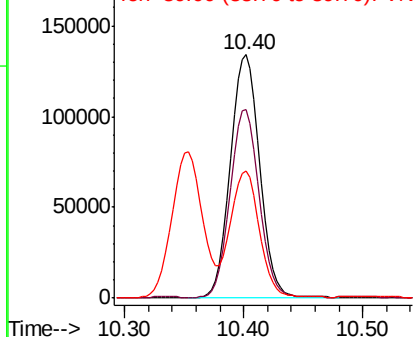


#56
Ethyl methacrylate
Concen: 52.328 ug/l
RT: 10.40 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 69 Resp: 230200
Ion Ratio Lower Upper
69 100
41 76.0 61.0 91.6
39 51.4 39.2 58.8



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: 52.010 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

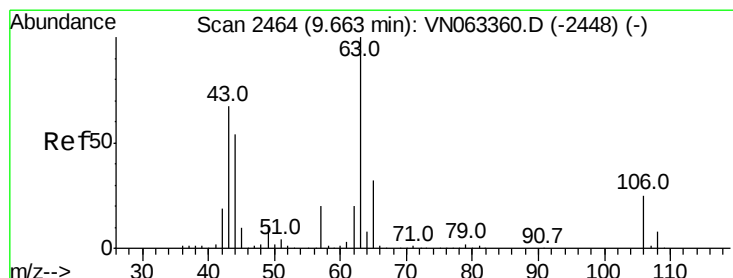
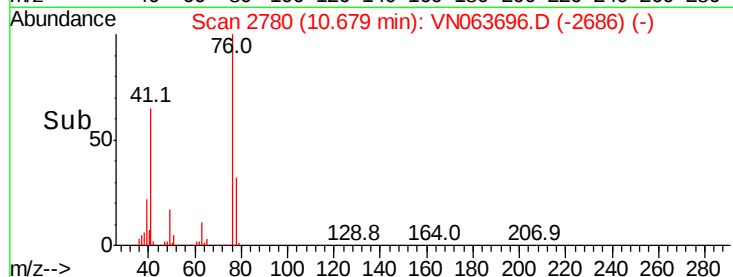
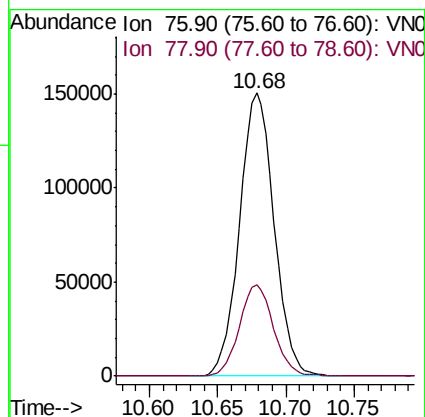
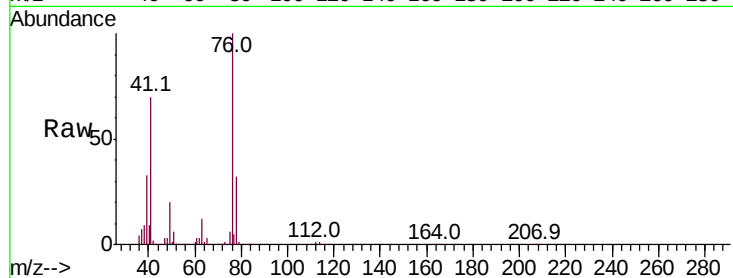
VSTDCCC050EC

Tot Ion: 76 Resp: 264304

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 246.271 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063696.D

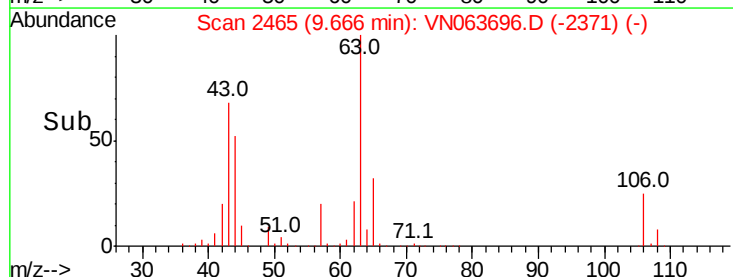
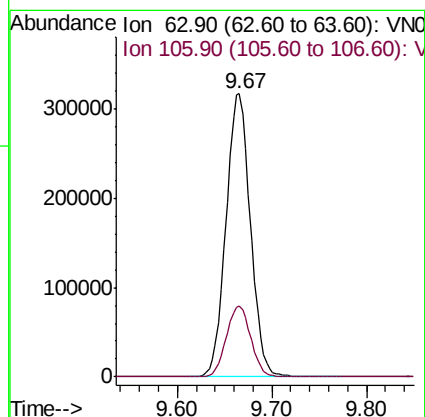
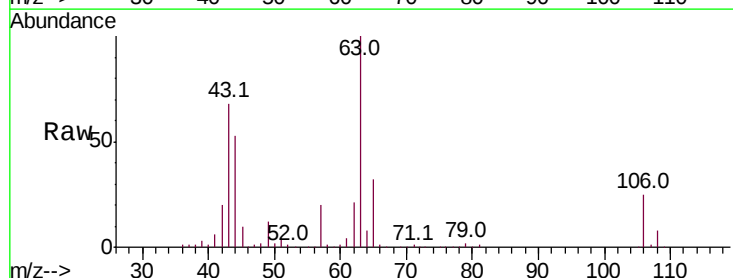
Acq: 25 Sep 2020 22:18

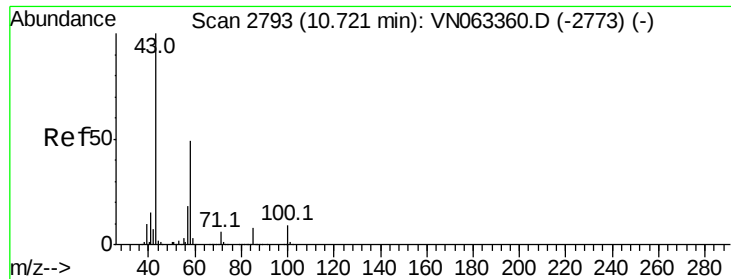
Tgt Ion: 63 Resp: 568327

Ion Ratio Lower Upper

63 100

106 25.1 19.5 29.3

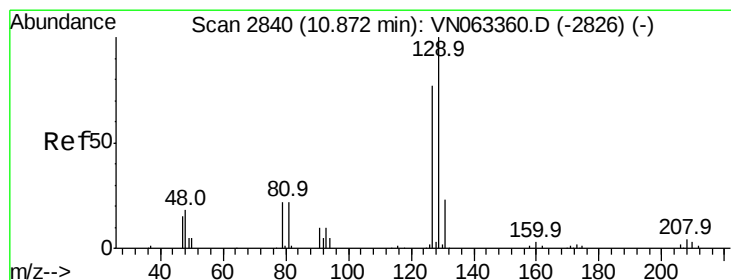
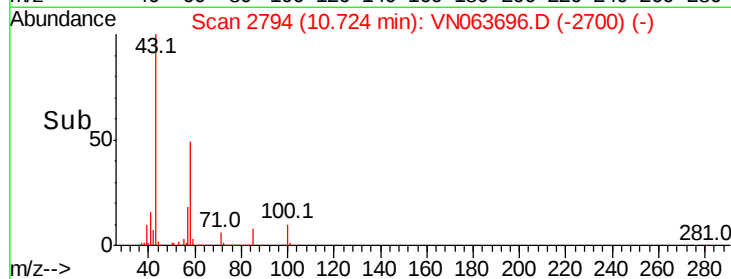
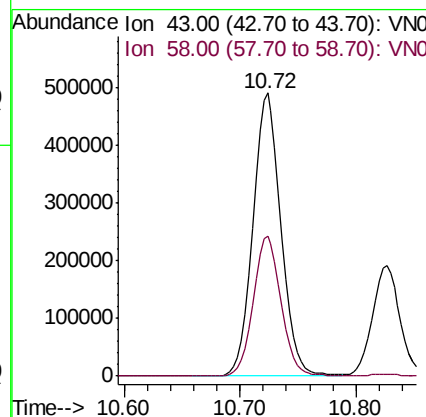
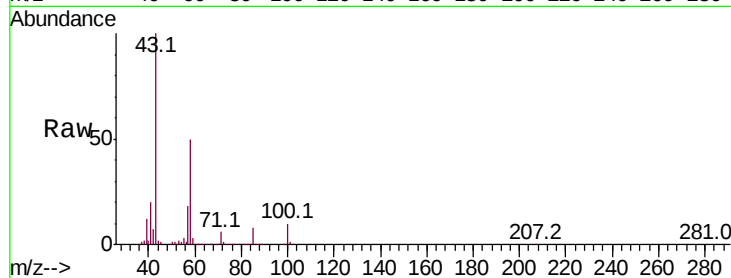




#59
2-Hexanone
Concen: 279.880 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

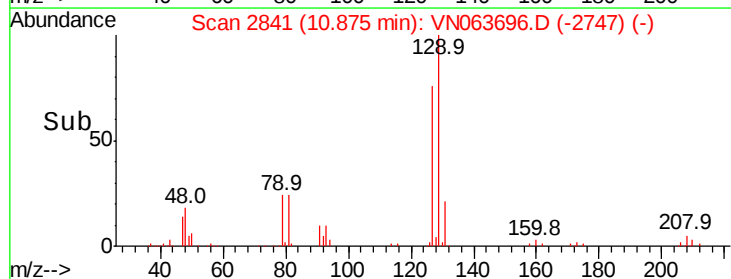
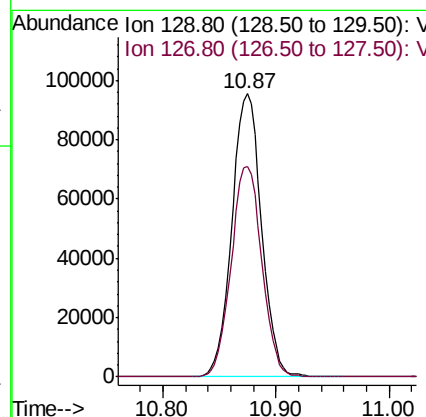
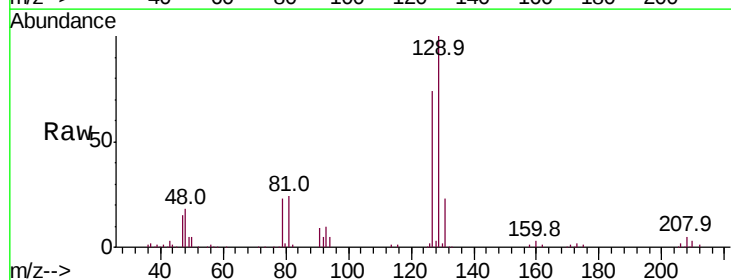
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

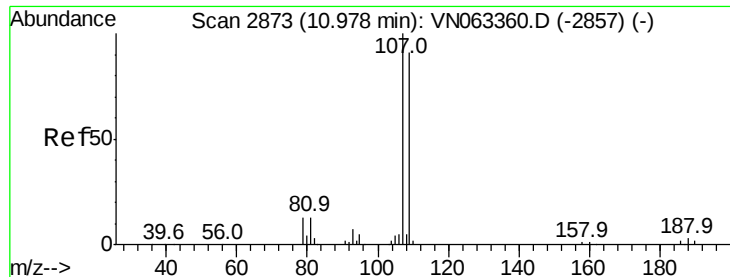
Tot Ion: 43 Resp: 823470
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 54.704 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 129 Resp: 174155
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3

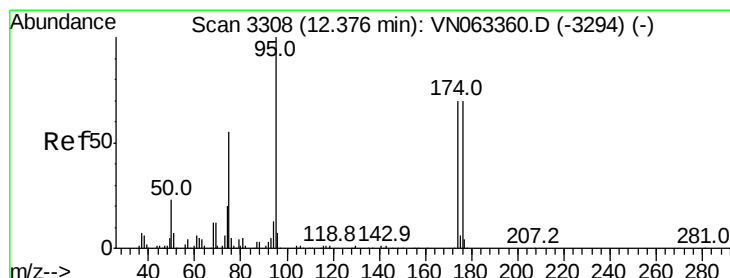
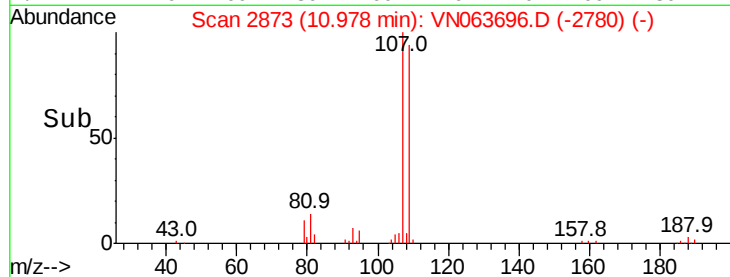
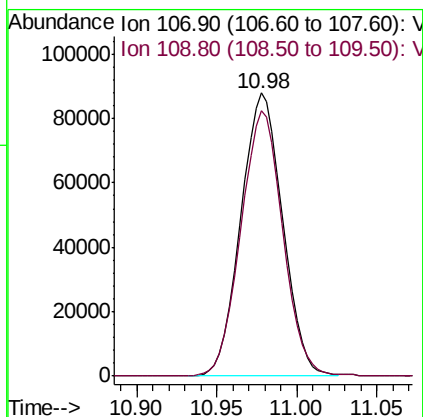
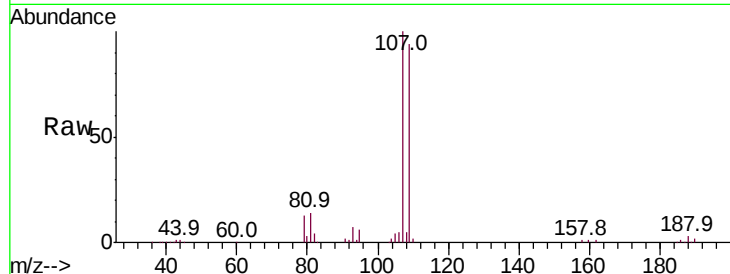




#61
1,2-Dibromoethane
Concen: 53.622 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

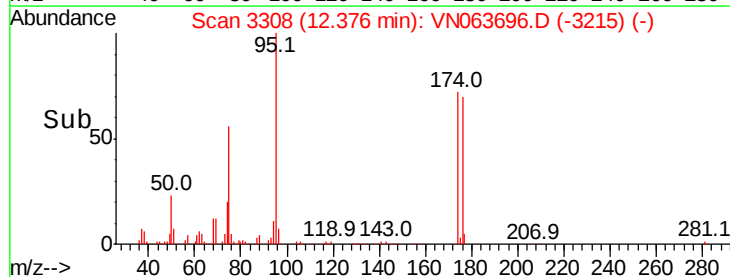
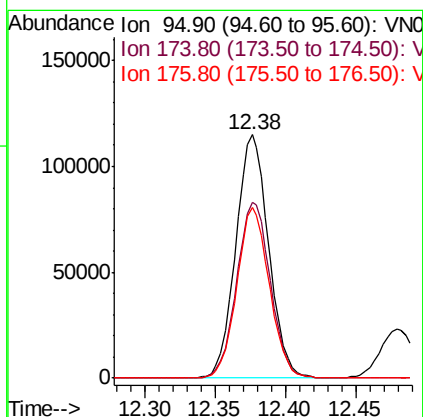
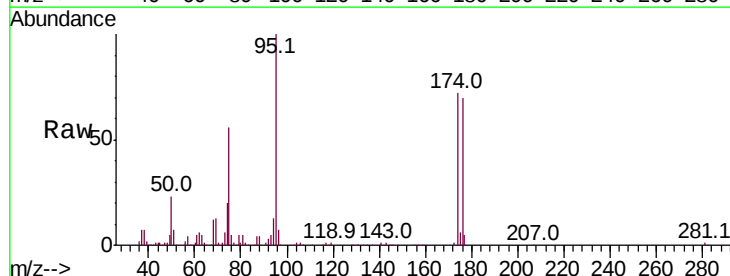
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

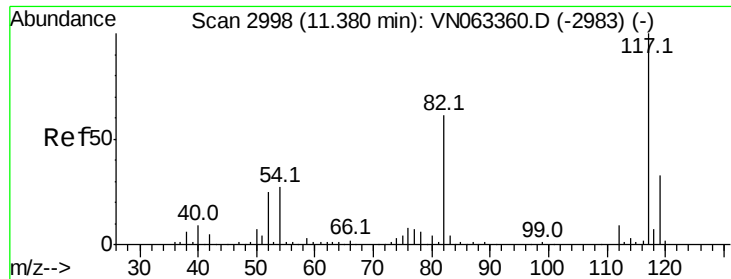
Tot Ion:107 Resp: 156987
Ion Ratio Lower Upper
107 100
109 94.2 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.789 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 95 Resp: 188047
Ion Ratio Lower Upper
95 100
174 74.0 0.0 140.8
176 69.6 0.0 137.6

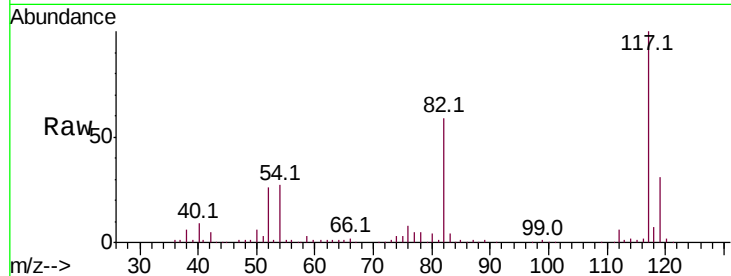




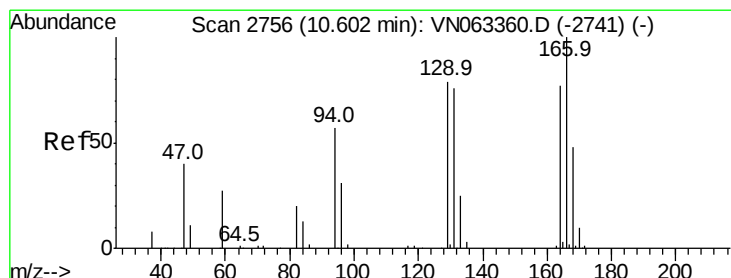
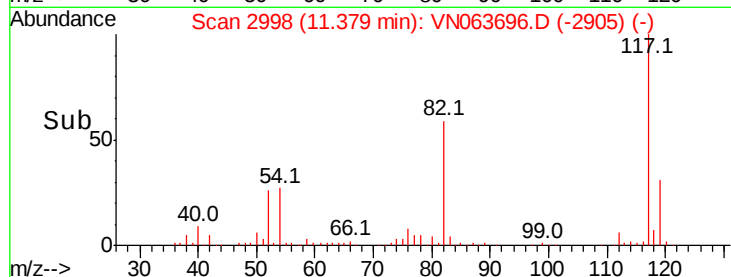
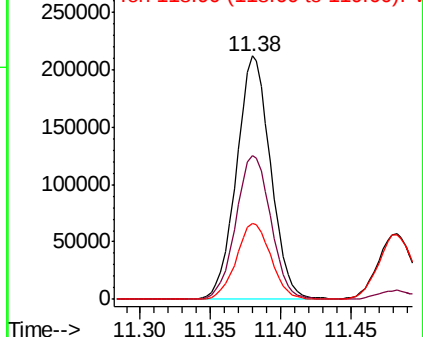
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 359357
Ion Ratio Lower Upper
117 100
82 59.3 49.2 73.8
119 31.4 26.2 39.4

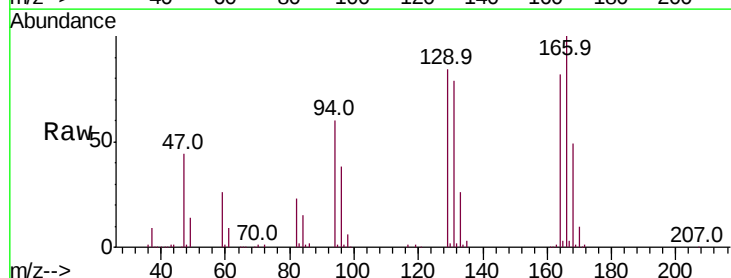


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

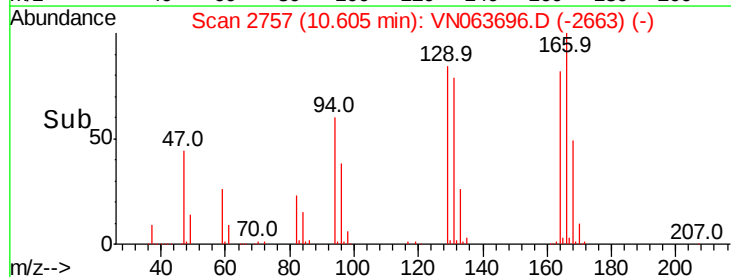
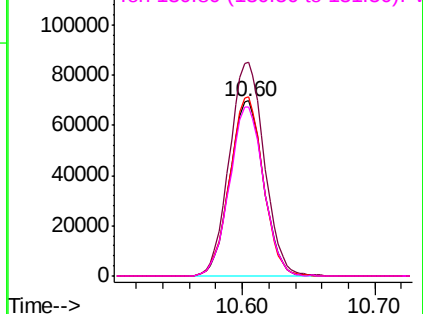


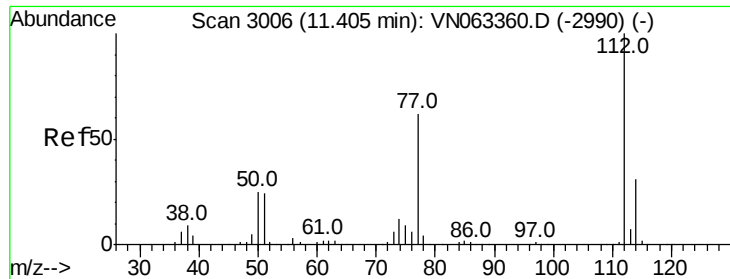
#64
Tetrachloroethene
Concen: 50.436 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion:164 Resp: 123415
Ion Ratio Lower Upper
164 100
166 122.0 103.4 155.0
129 102.0 81.8 122.6
131 96.7 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

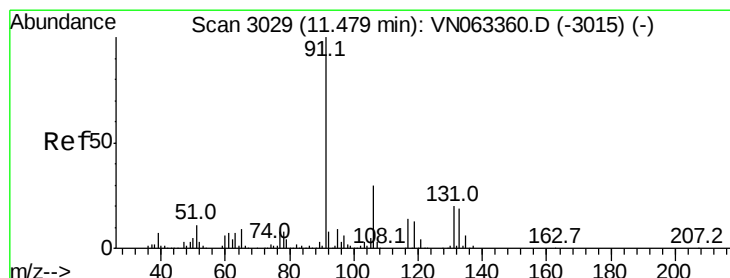
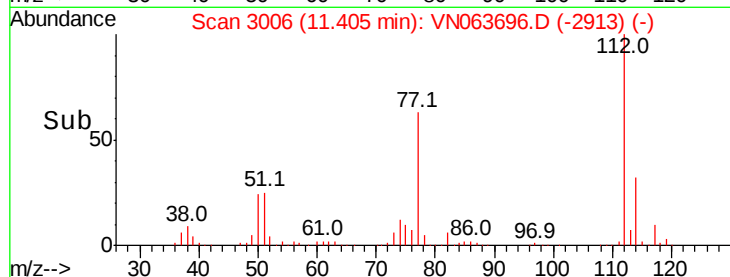
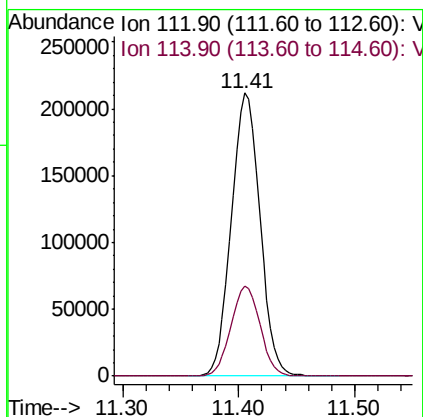
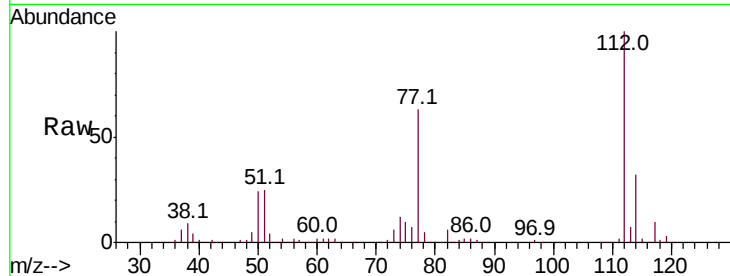




#65
Chlorobenzene
Concen: 47.429 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

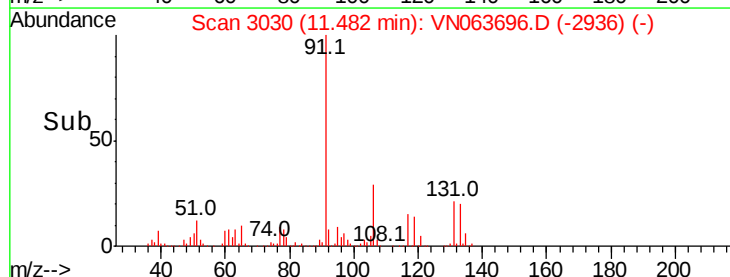
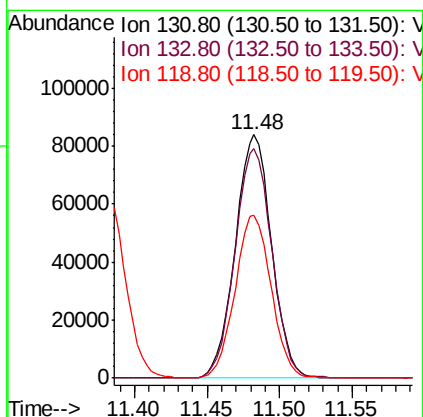
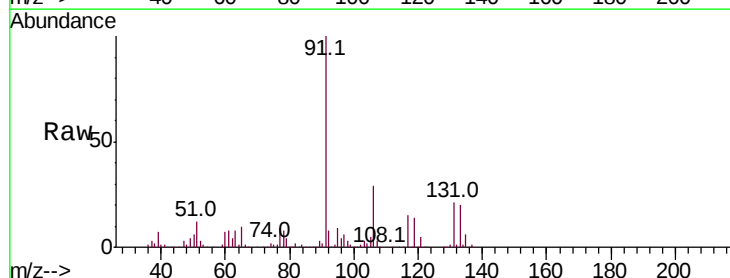
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

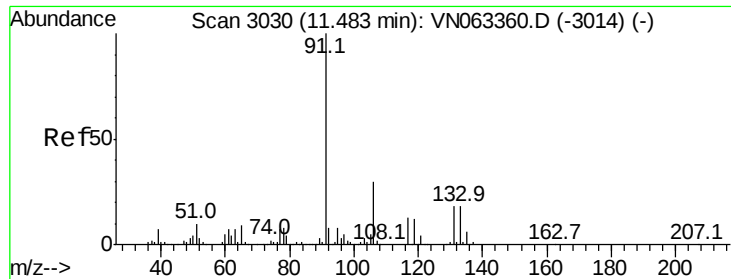
Tot Ion:112 Resp: 361797
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.196 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion:131 Resp: 145949
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.9
119 66.6 33.6 100.8





#67

Ethyl Benzene

Concen: 46.145 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

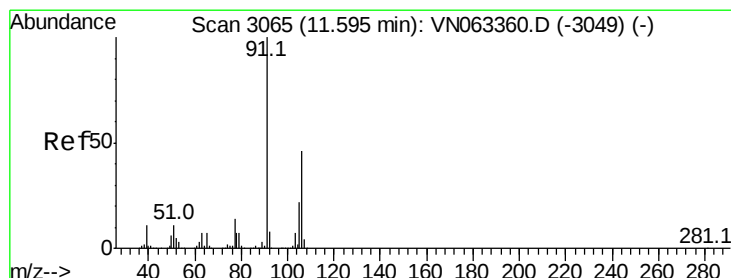
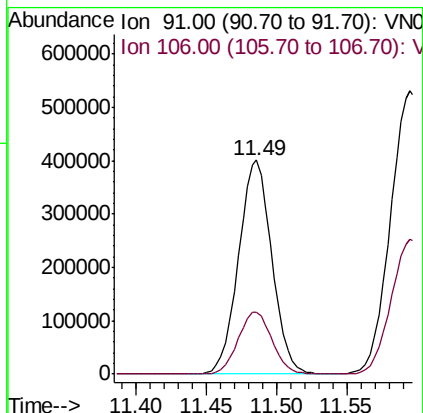
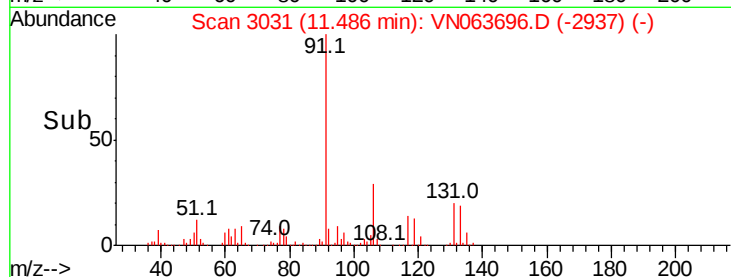
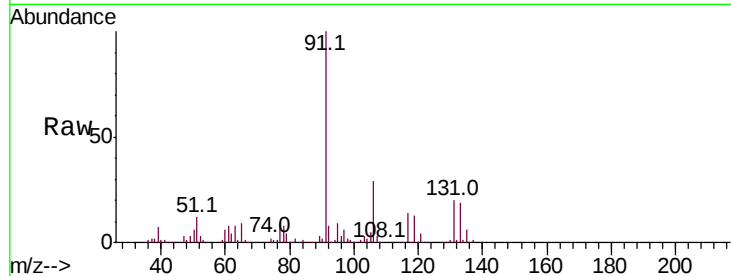
VSTDCCC050EC

Tot Ion: 91 Resp: 662877

Ion Ratio Lower Upper

91 100

106 29.3 23.8 35.6



#68

m/p-Xylenes

Concen: 93.658 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063696.D

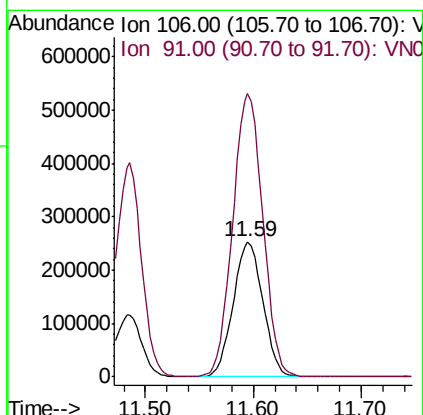
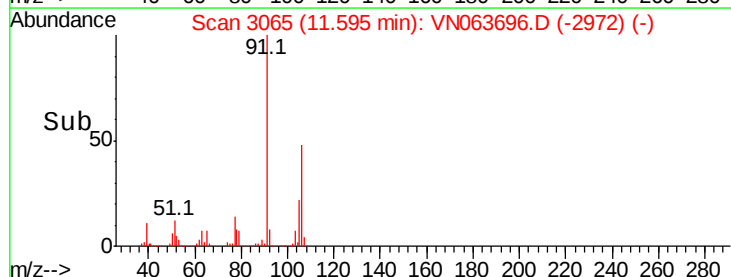
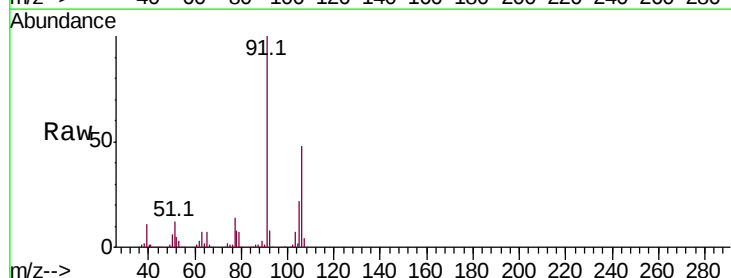
Acq: 25 Sep 2020 22:18

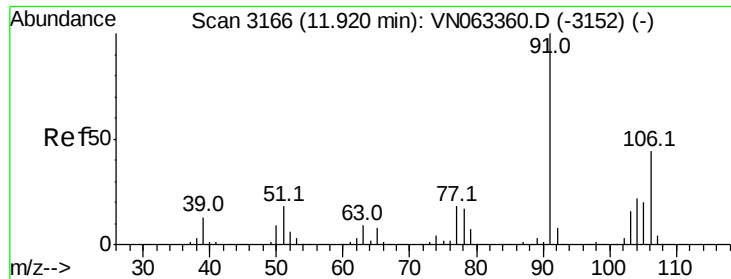
Tgt Ion: 106 Resp: 485094

Ion Ratio Lower Upper

106 100

91 212.9 171.2 256.8

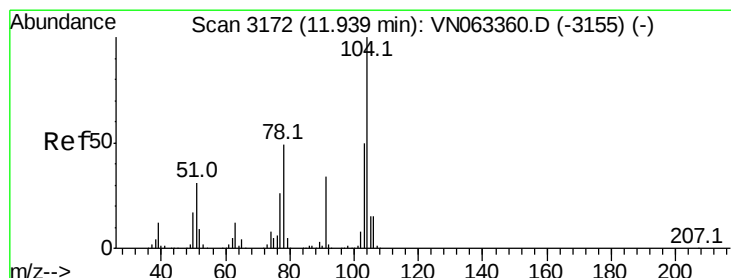
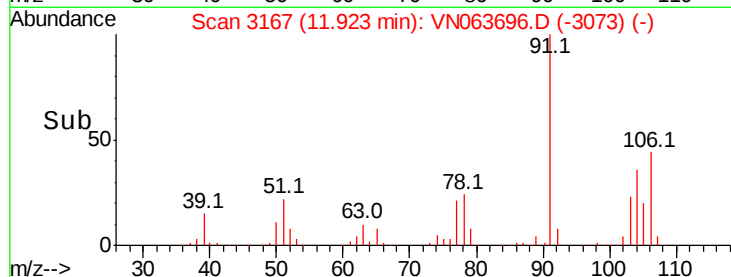
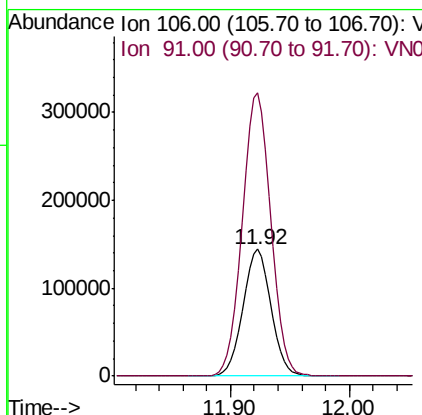
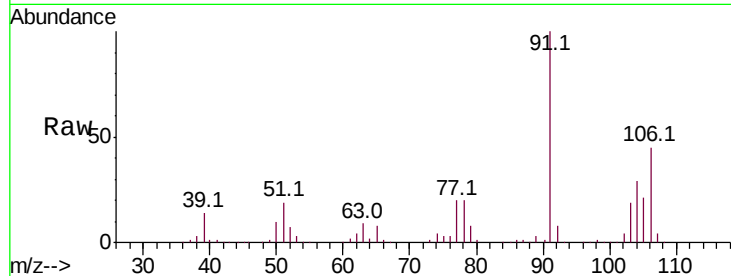




#69
o-Xylene
Concen: 47.629 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

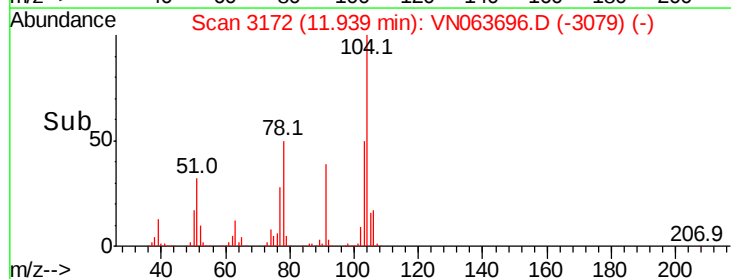
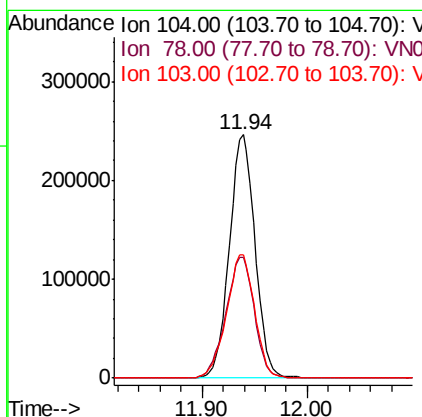
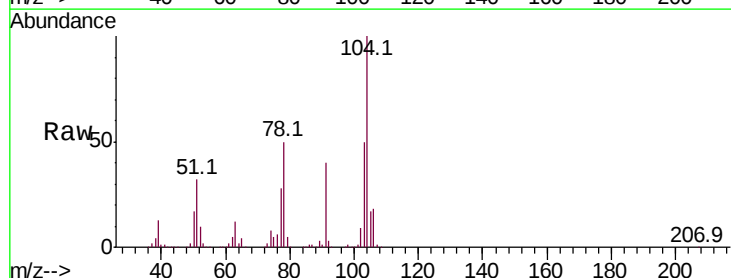
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

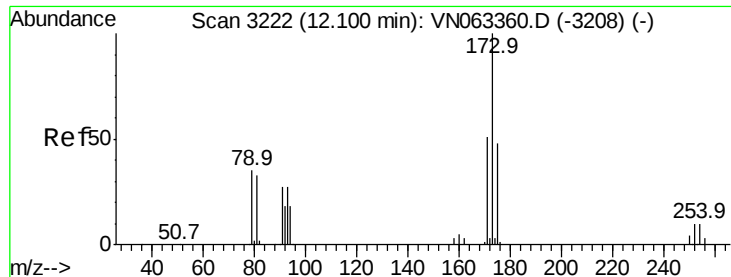
Tot Ion:106 Resp: 234997
Ion Ratio Lower Upper
106 100
91 227.3 113.6 340.8



#70
Styrene
Concen: 50.089 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion:104 Resp: 414438
Ion Ratio Lower Upper
104 100
78 55.2 44.4 66.6
103 55.4 43.7 65.5





#71

Bromoform

Concen: 54.173 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

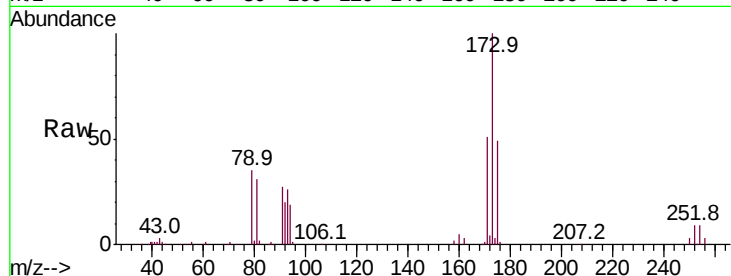
Tot Ion:173 Resp: 112847

Ion Ratio Lower Upper

173 100

175 49.2 24.0 72.0

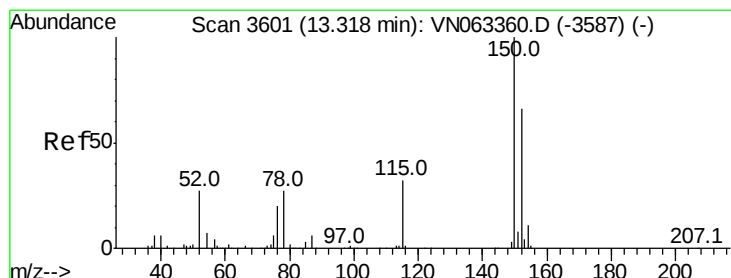
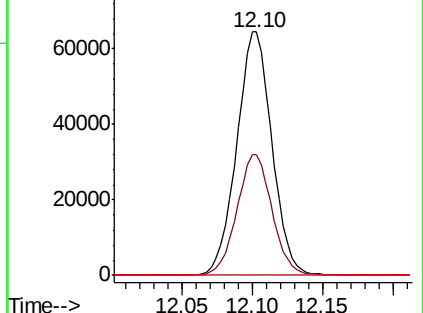
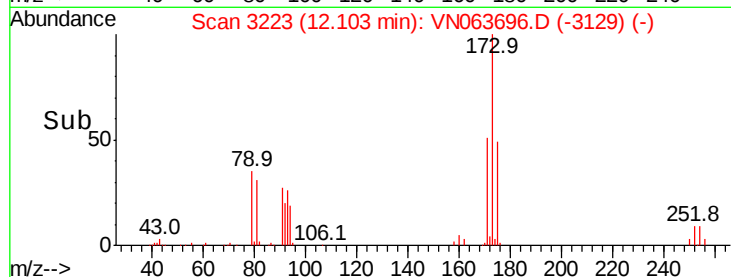
254 0.0 0.0 0.0



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: VN063696.D

Acq: 25 Sep 2020 22:18

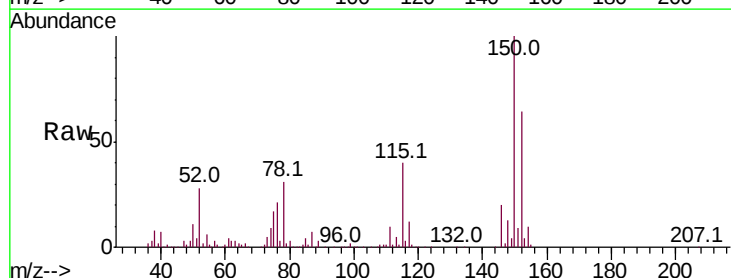
Tgt Ion:152 Resp: 174693

Ion Ratio Lower Upper

152 100

115 63.9 32.2 96.6

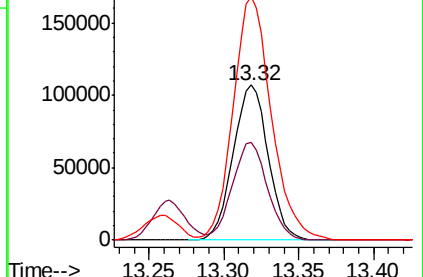
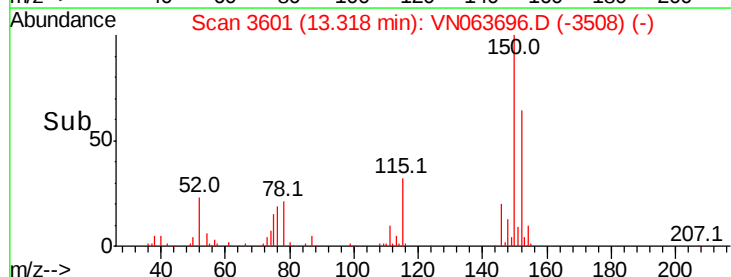
150 170.2 0.0 343.4

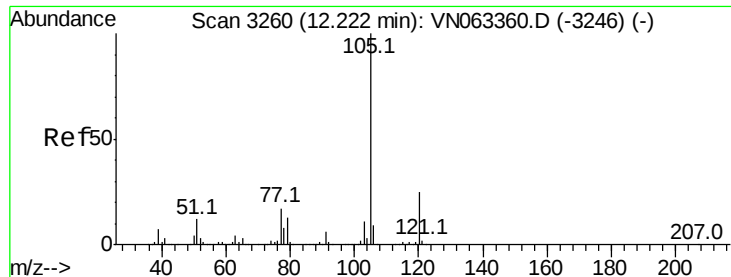


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

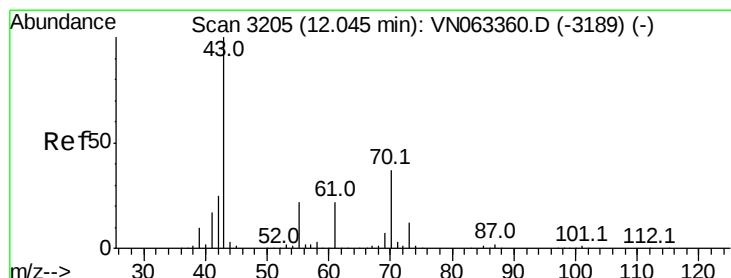
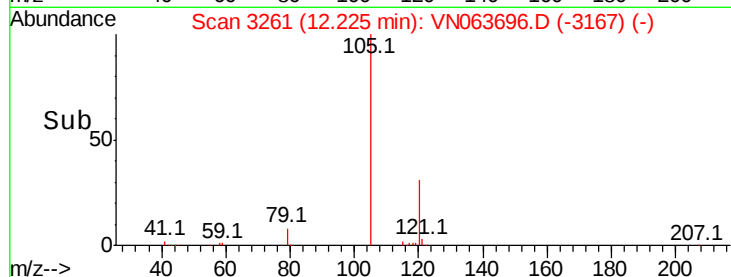
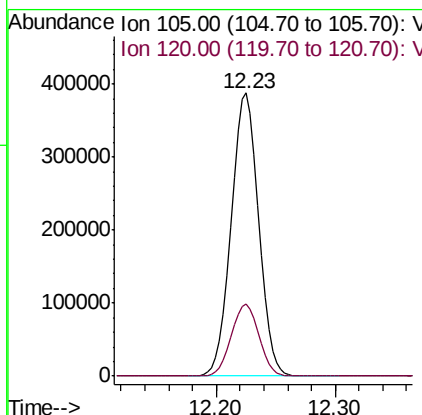
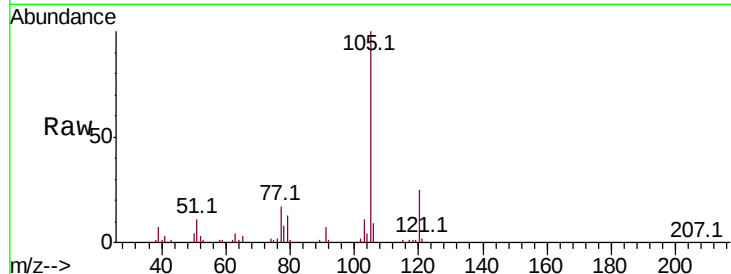




#73
Isopropylbenzene
Concen: 44.184 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

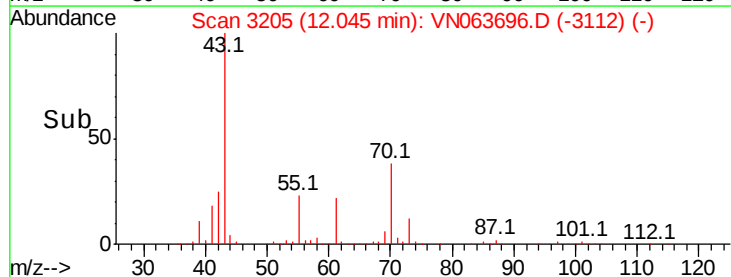
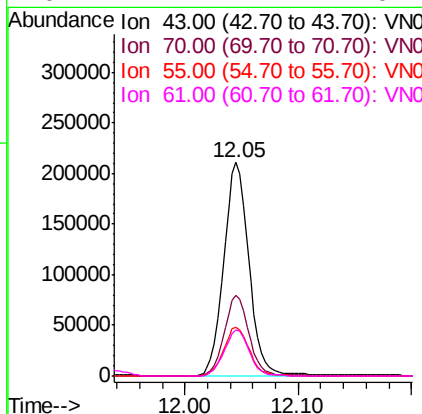
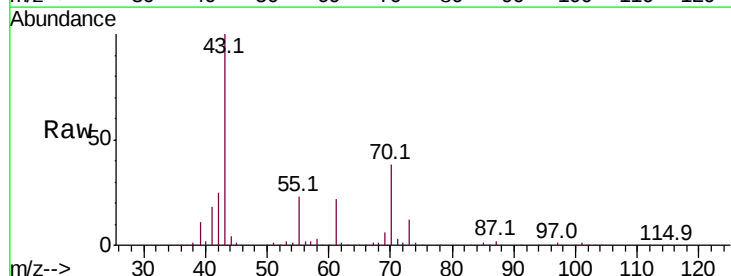
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

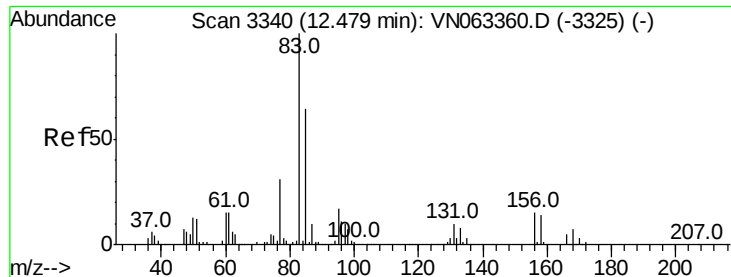
Tot Ion:105 Resp: 618529
Ion Ratio Lower Upper
105 100
120 25.7 12.7 38.0



#74
N-ethyl acetate
Concen: 49.279 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 43 Resp: 326554
Ion Ratio Lower Upper
43 100
70 37.2 29.6 44.4
55 23.3 17.7 26.5
61 21.4 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.136 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

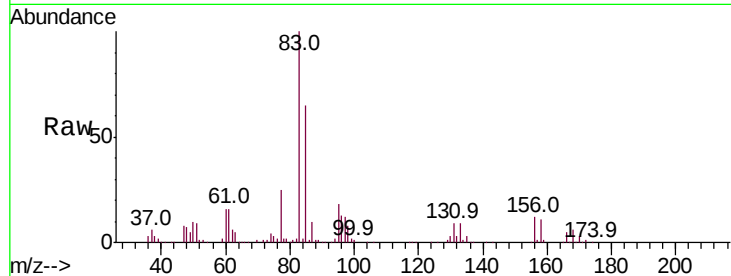
Tot Ion: 83 Resp: 221649

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

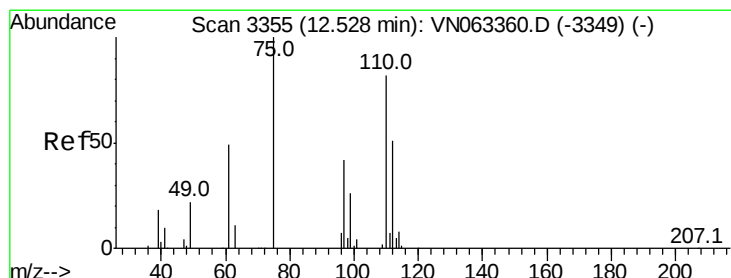
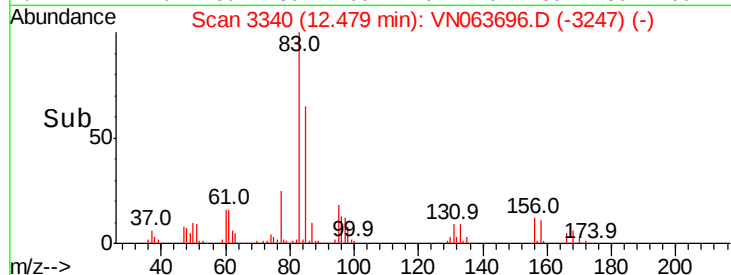
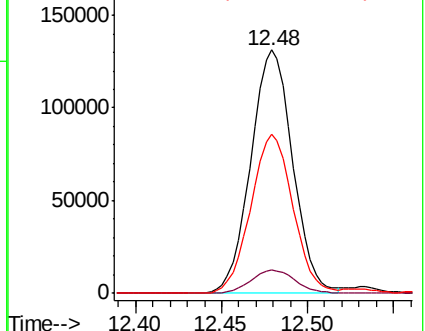
85 65.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 69.899 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063696.D

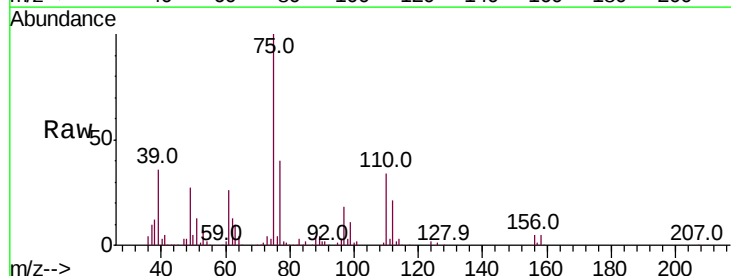
Acq: 25 Sep 2020 22:18

Tgt Ion: 75 Resp: 302236

Ion Ratio Lower Upper

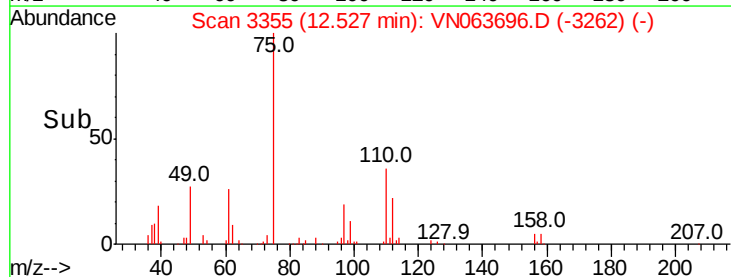
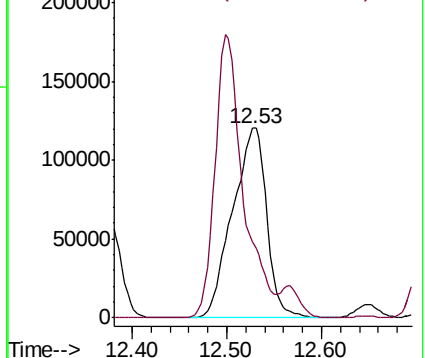
75 100

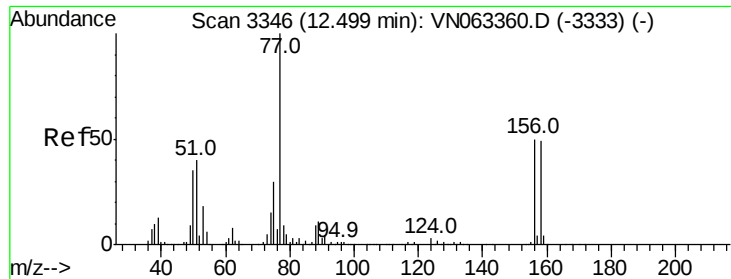
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 48.949 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

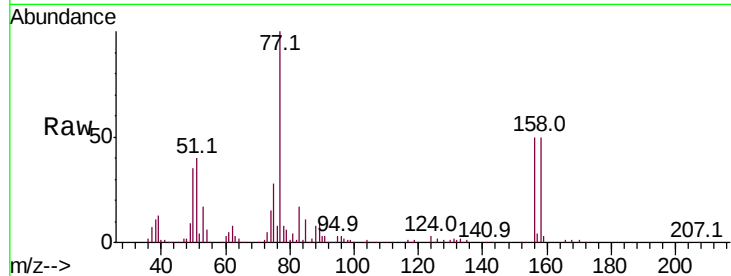
Tot Ion:156 Resp: 154138

Ion Ratio Lower Upper

156 100

77 242.0 120.2 360.6

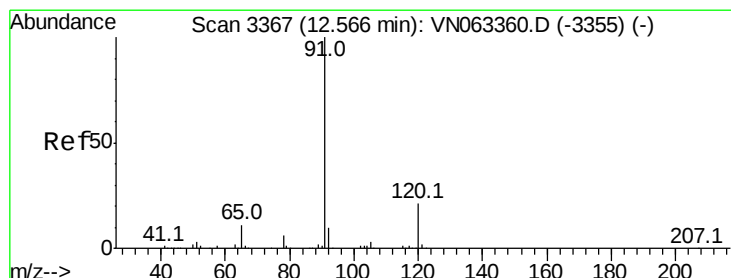
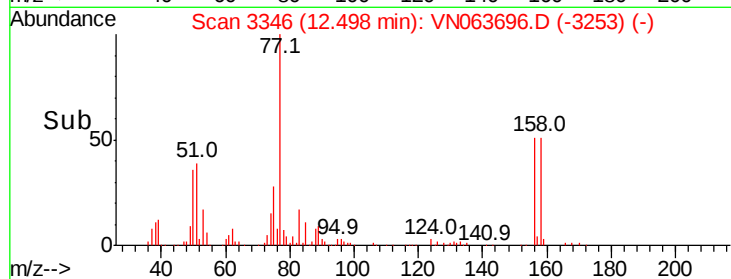
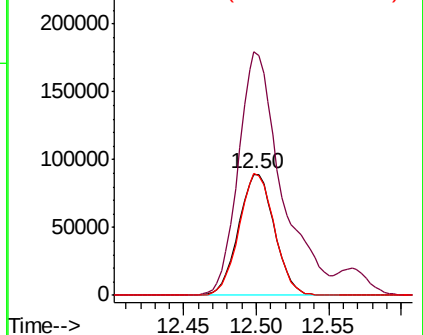
158 98.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.301 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063696.D

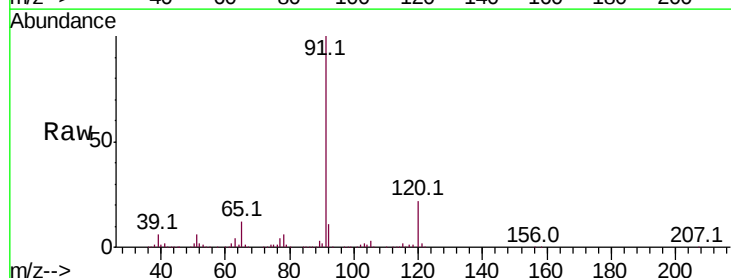
Acq: 25 Sep 2020 22:18

Tgt Ion: 91 Resp: 722313

Ion Ratio Lower Upper

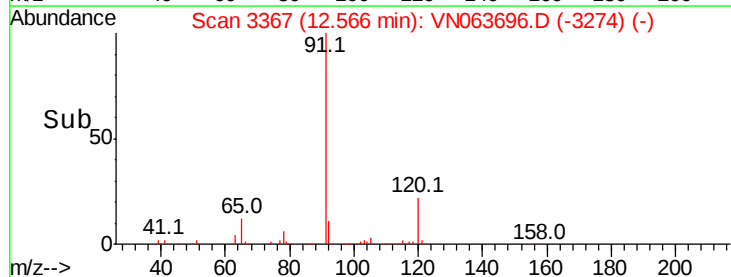
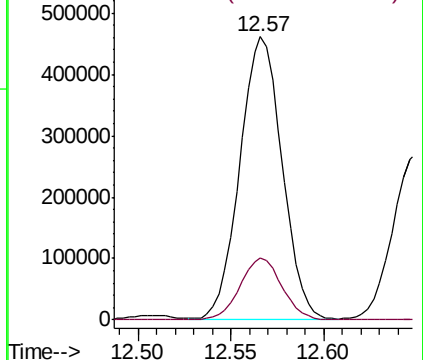
91 100

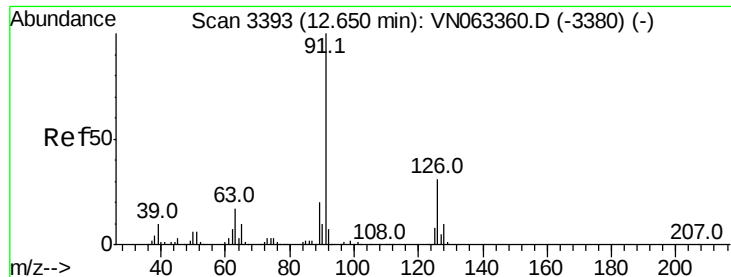
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.590 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

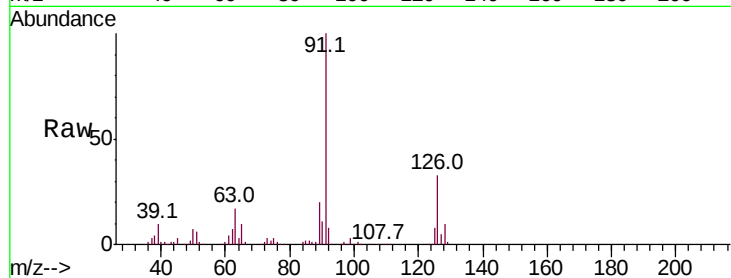
VSTDCCC050EC

Tot Ion: 91 Resp: 445590

Ion Ratio Lower Upper

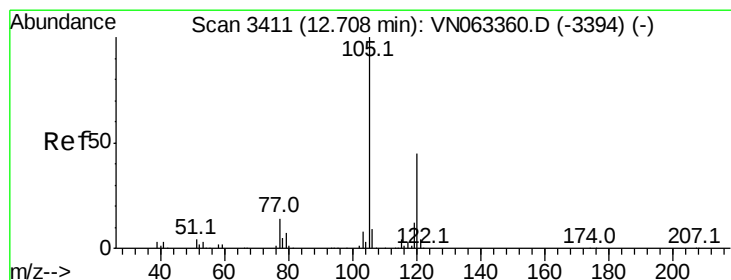
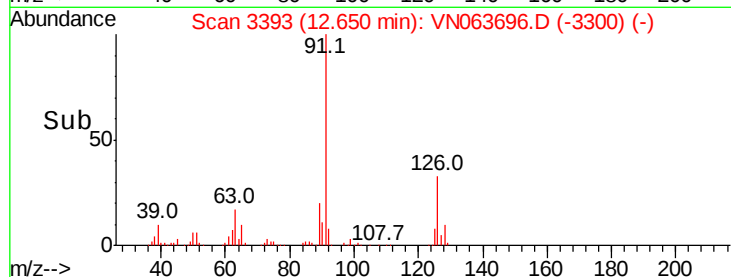
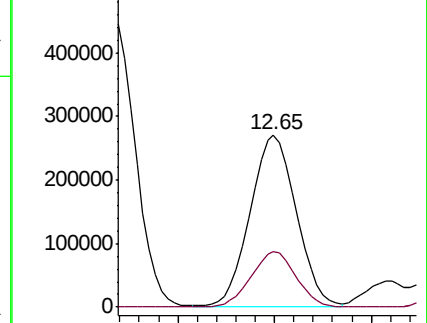
91 100

126 32.0 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.904 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063696.D

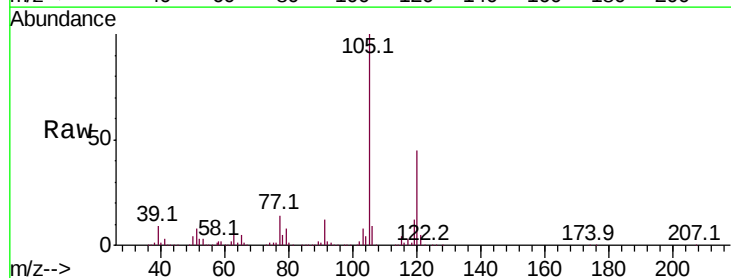
Acq: 25 Sep 2020 22:18

Tgt Ion:105 Resp: 535854

Ion Ratio Lower Upper

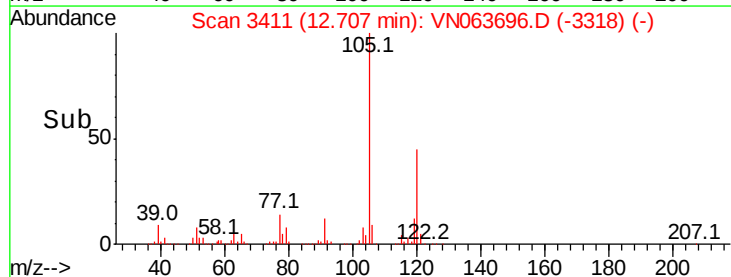
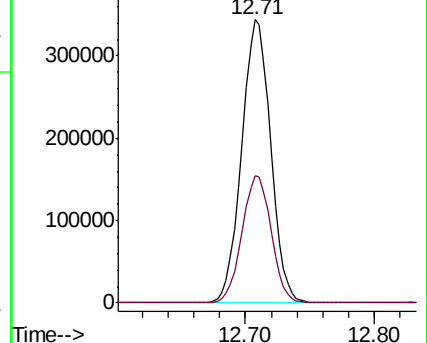
105 100

120 45.7 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.401 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

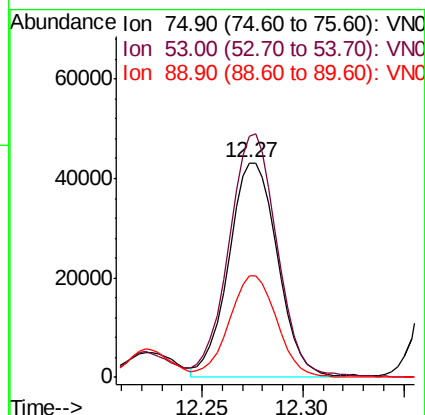
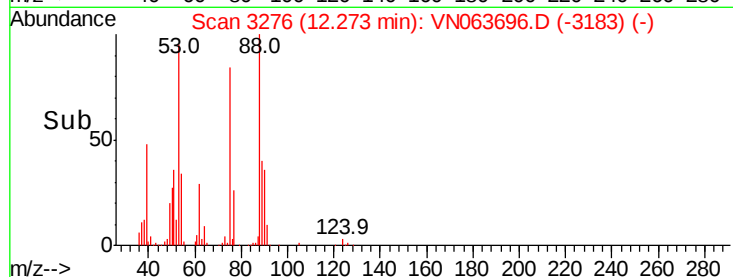
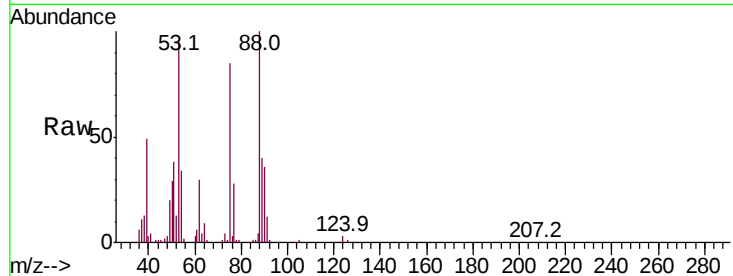
Tot Ion: 75 Resp: 73181

Ion Ratio Lower Upper

75 100

53 113.2 85.7 128.5

89 46.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 45.498 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063696.D

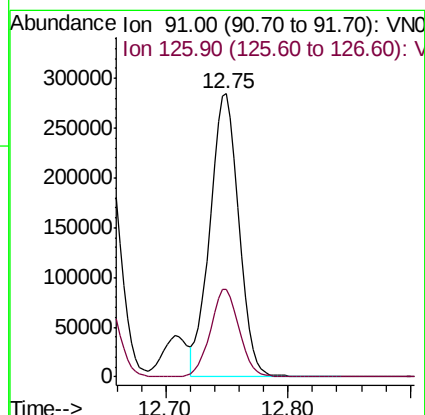
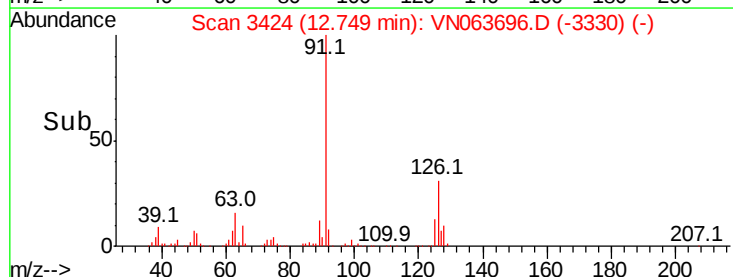
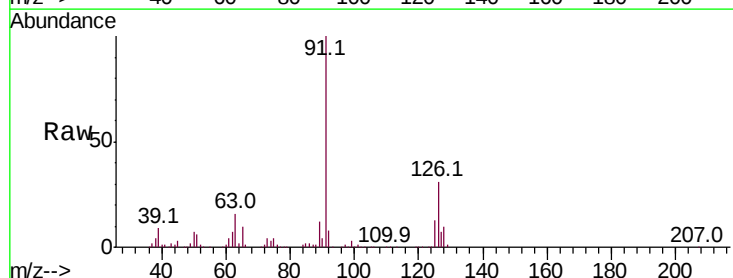
Acq: 25 Sep 2020 22:18

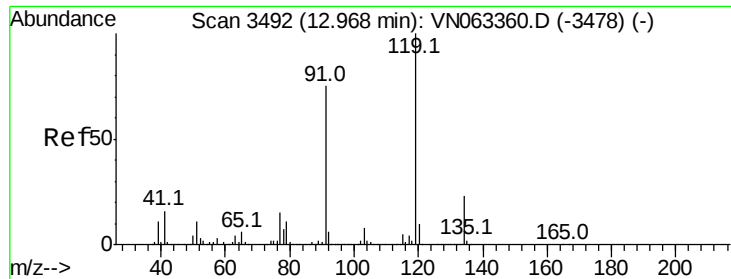
Tgt Ion: 91 Resp: 469851

Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5

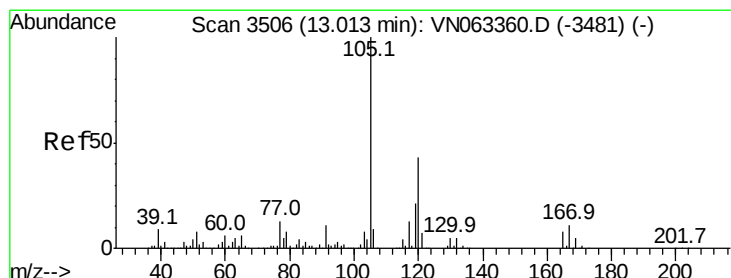
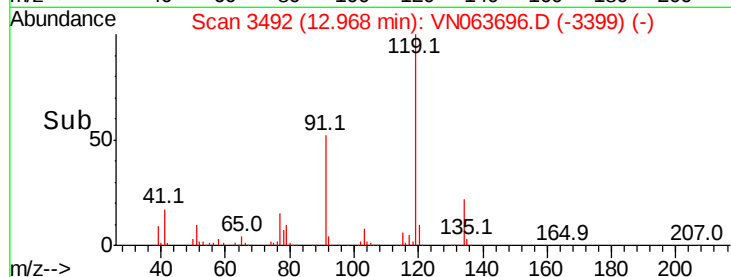
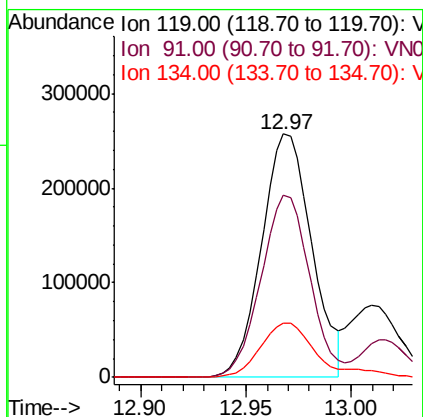
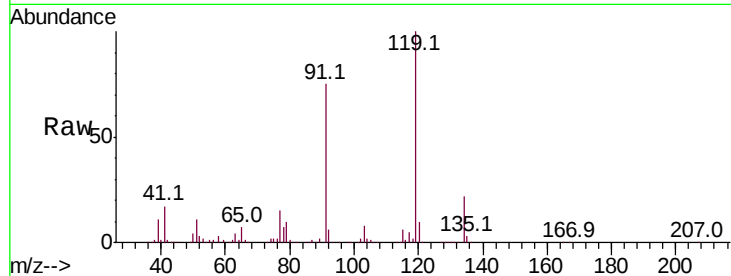




#83
tert-Butylbenzene
Concen: 44.226 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

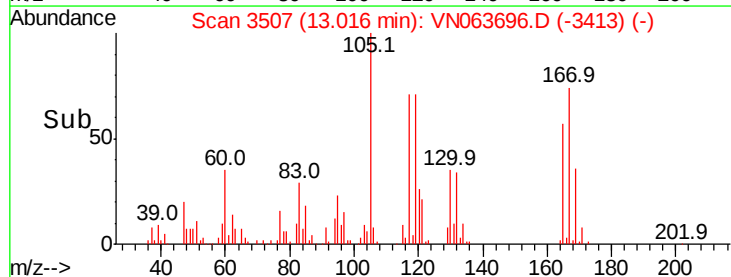
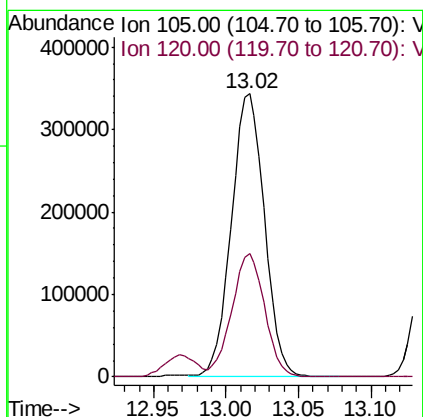
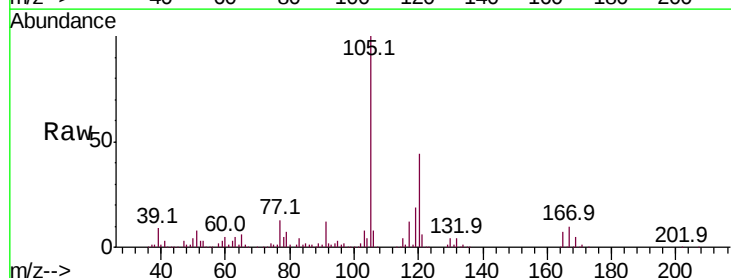
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

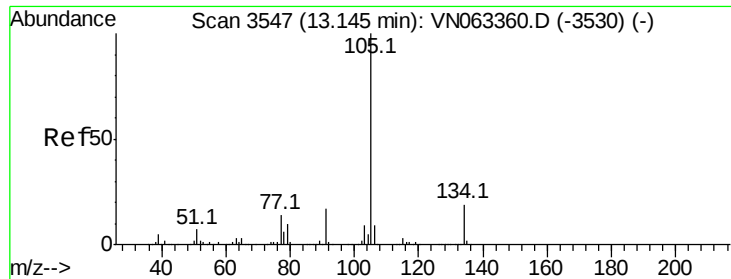
Tot Ion:119 Resp: 426093
Ion Ratio Lower Upper
119 100
91 73.0 36.3 108.9
134 25.2 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 45.921 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion:105 Resp: 541458
Ion Ratio Lower Upper
105 100
120 43.4 21.3 63.9

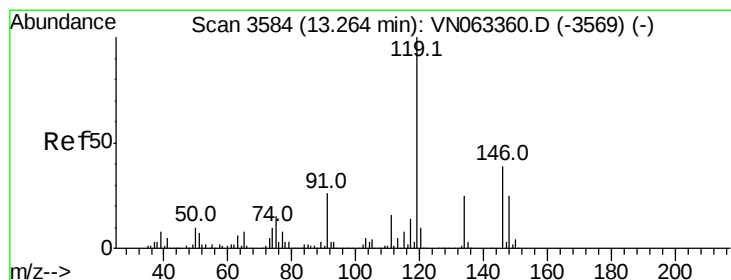
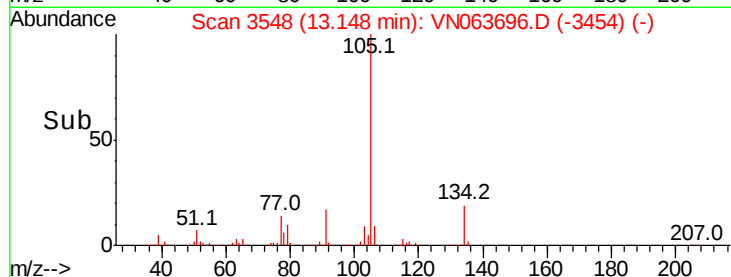
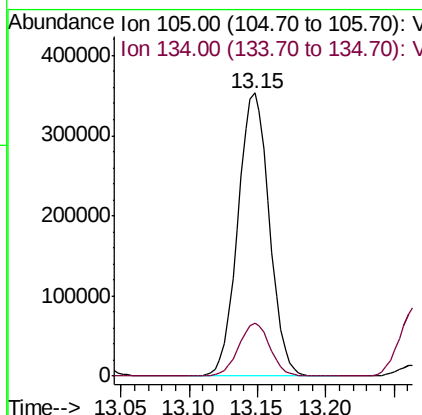
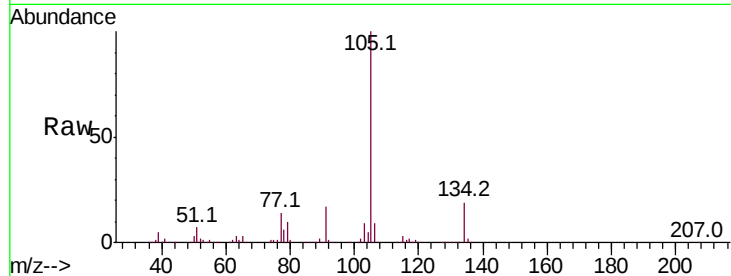




#85
 sec-Butylbenzene
 Concen: 43.616 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

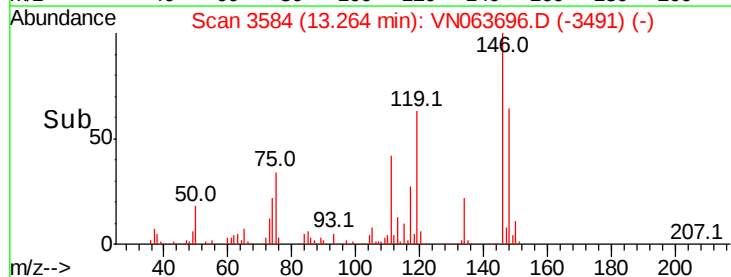
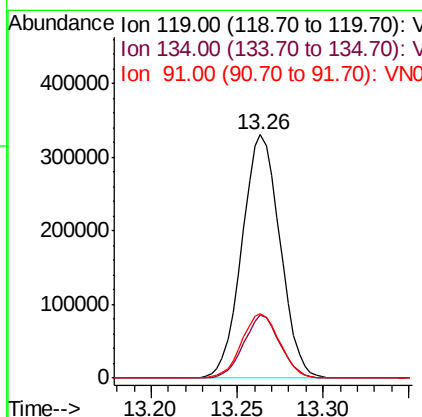
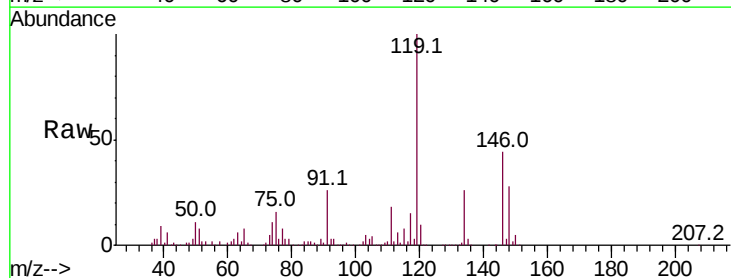
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

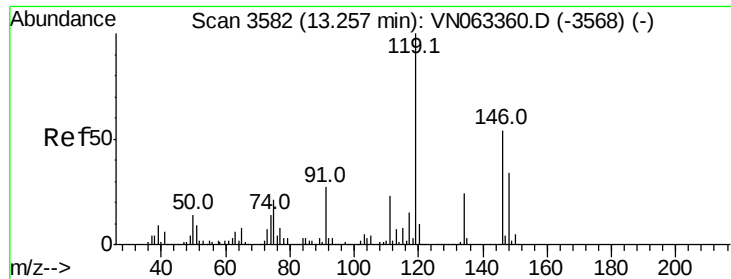
Tot Ion:105 Resp: 562483
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 44.697 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Tgt Ion:119 Resp: 508419
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.5 37.5
 91 26.3 13.4 40.1

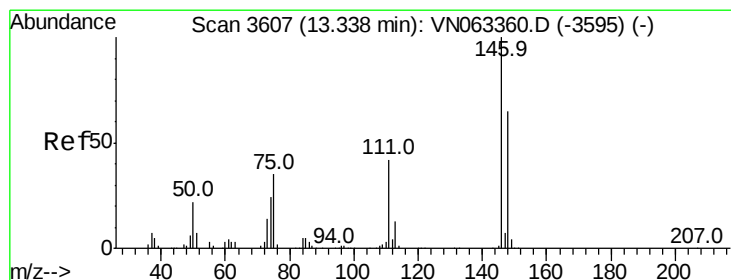
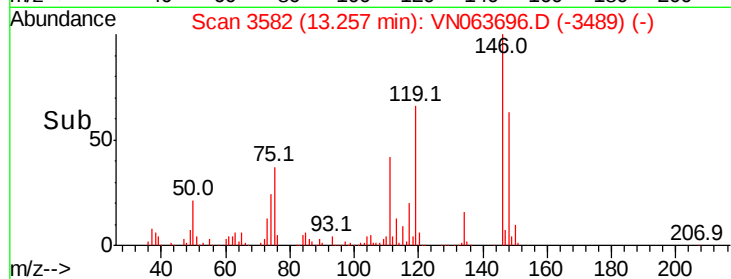
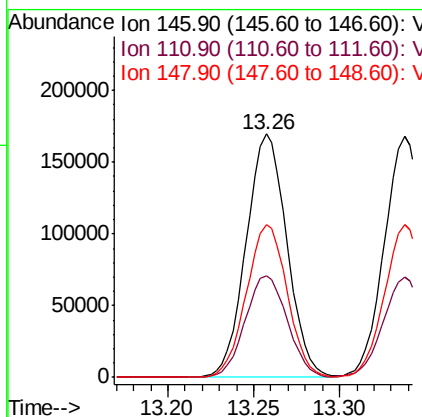
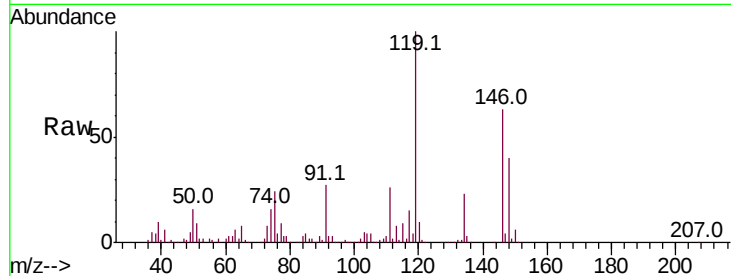




#87
 1,3-Dichlorobenzene
 Concen: 47.807 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

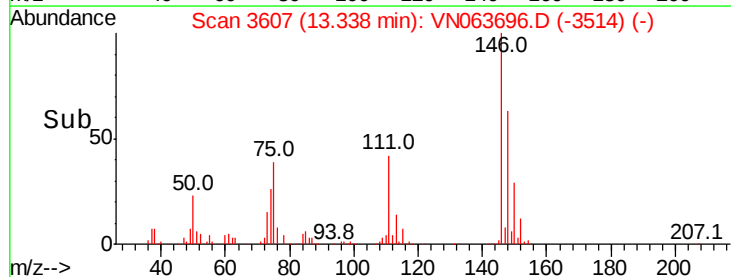
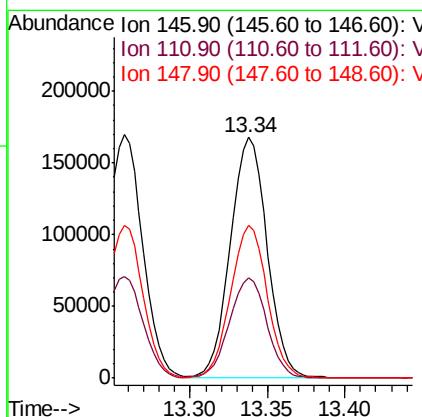
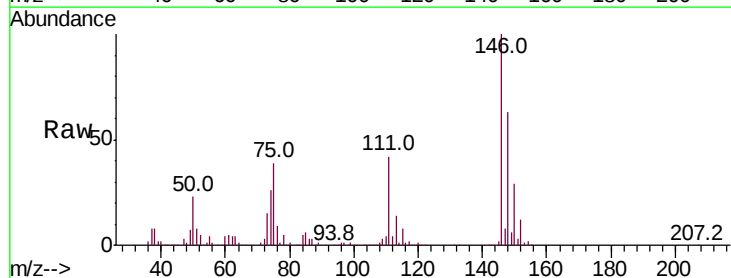
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

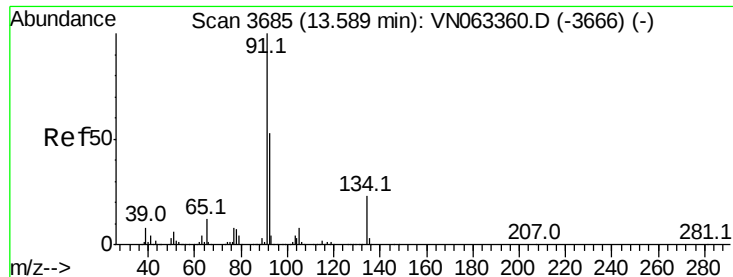
Tot Ion:146 Resp: 279028
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.3
 148 62.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.416 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Tgt Ion:146 Resp: 275433
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.2 63.6
 148 63.0 31.9 95.9

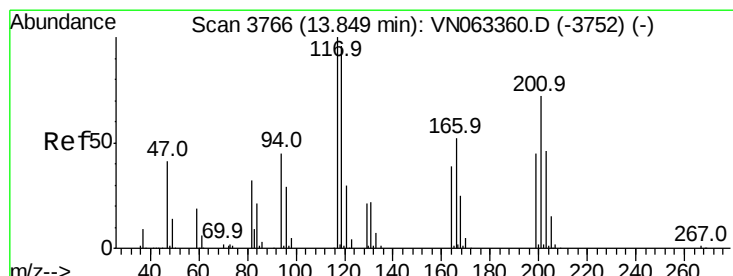
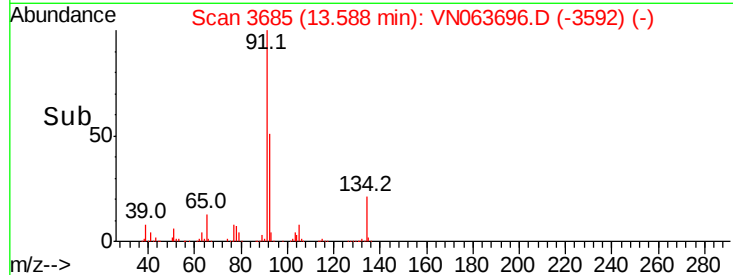
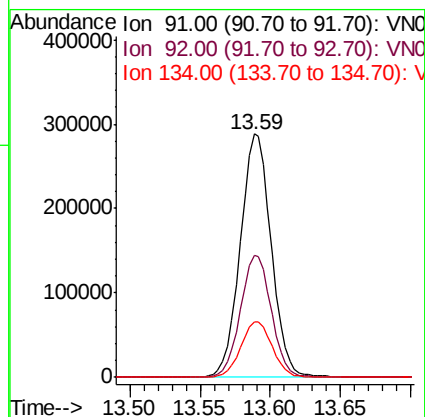
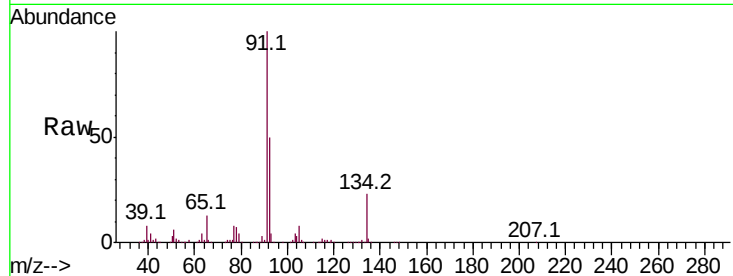




#89
n-Butylbenzene
Concen: 42.444 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

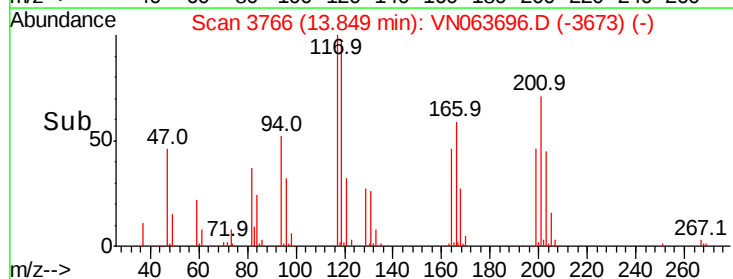
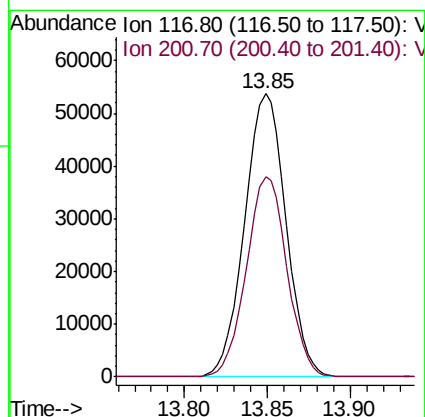
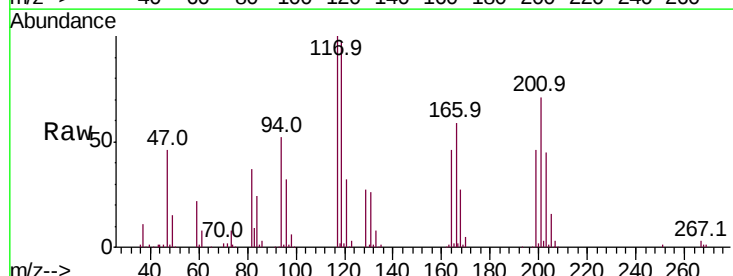
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 445009
Ion Ratio Lower Upper
91 100
92 50.2 26.0 78.0
134 23.2 11.7 35.0



#90
Hexachloroethane
Concen: 42.919 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063696.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 117 Resp: 92959
Ion Ratio Lower Upper
117 100
201 69.4 35.5 106.7

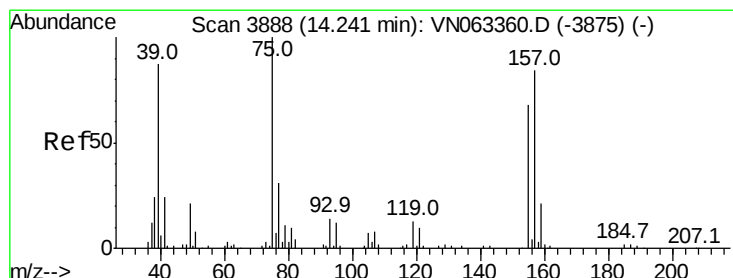
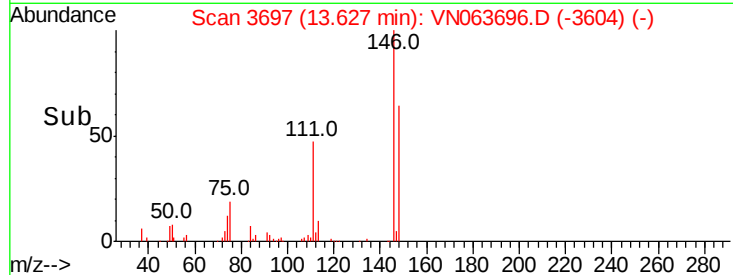
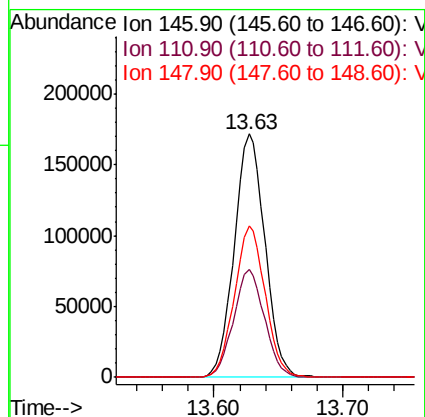
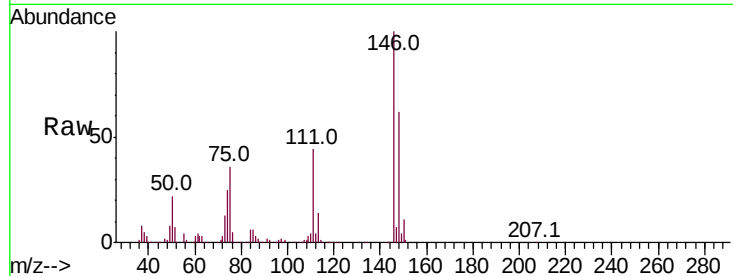




#91
 1,2-Dichlorobenzene
 Concen: 49.547 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

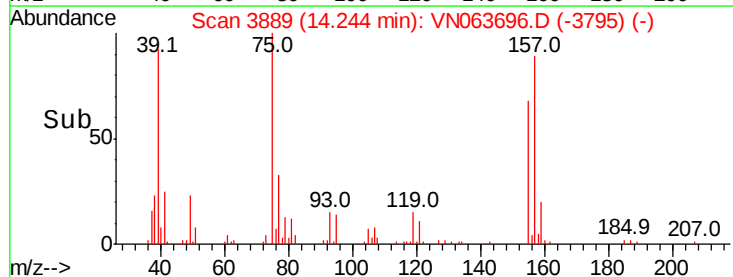
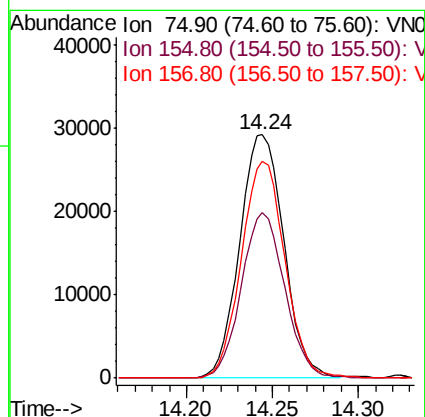
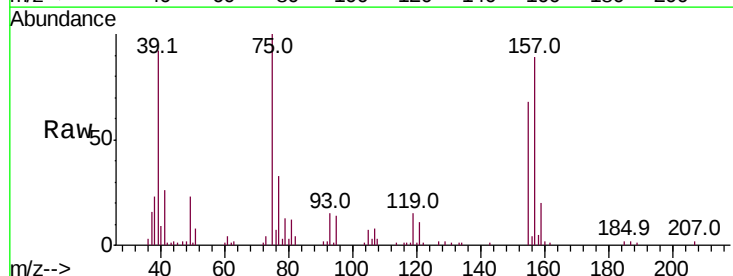
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

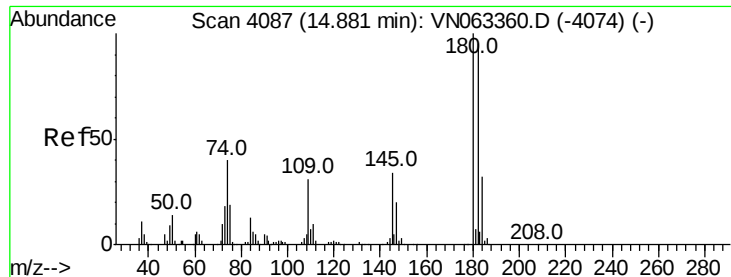
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.4	67.2
148	62.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.542 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.8	34.6	103.9
157	87.8	43.7	131.1

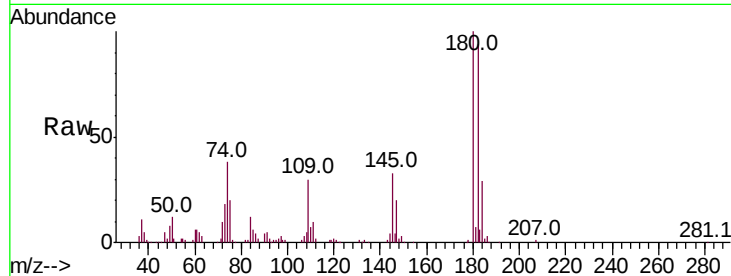




#93
 1,2,4-Trichlorobenzene
 Concen: 43.128 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	142.0
145	32.5	16.6	49.7

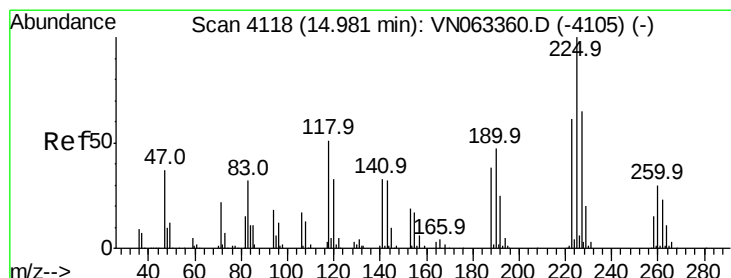
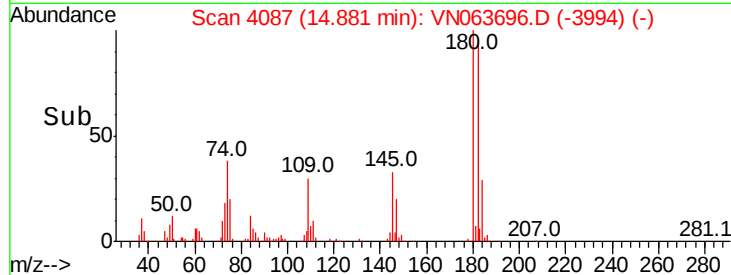
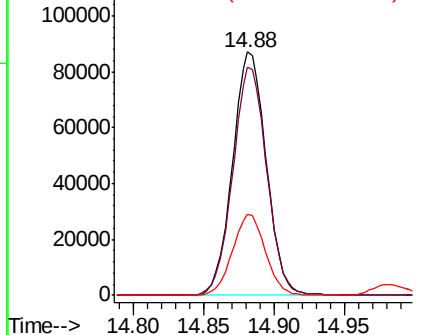


Abundance

Ion 179.80 (179.50 to 180.50): V

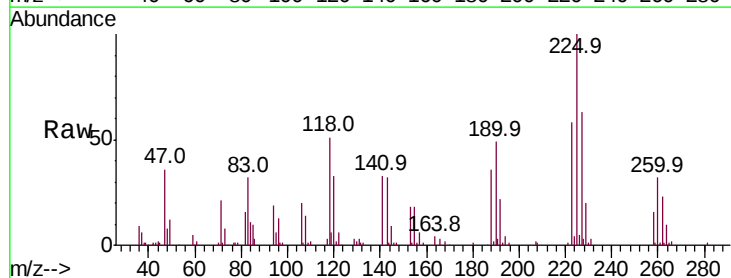
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.229 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063696.D
 Acq: 25 Sep 2020 22:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.6	91.6
227	62.0	31.2	93.6

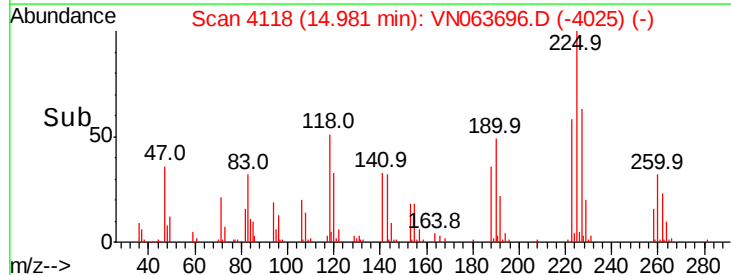
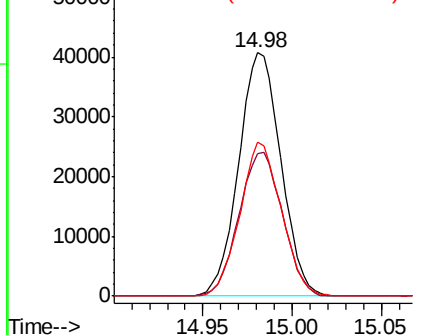


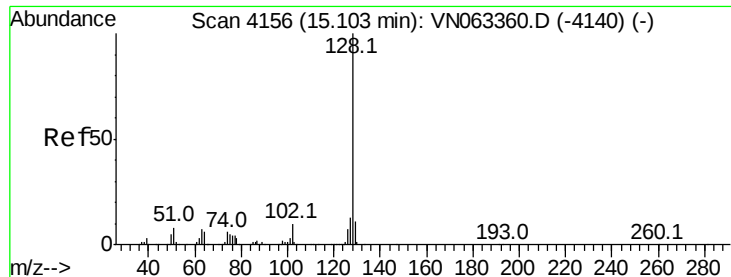
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.031 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

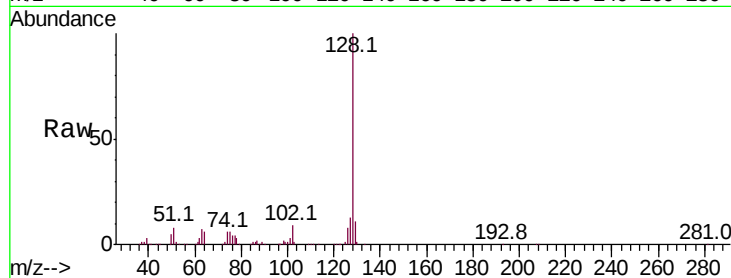
Tot Ion:128 Resp: 491418

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

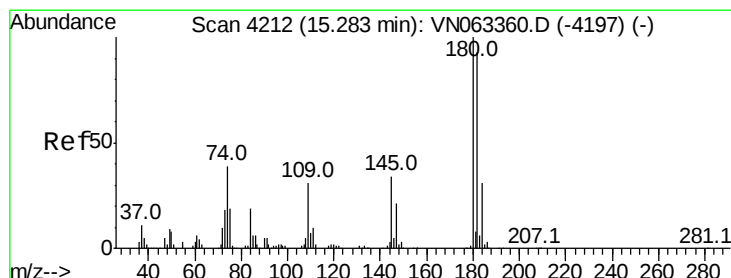
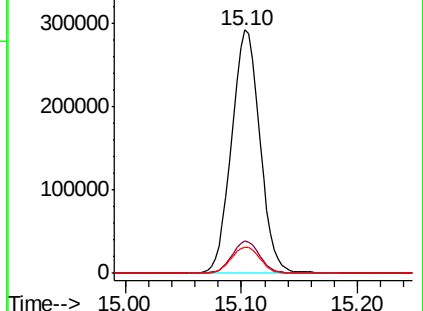
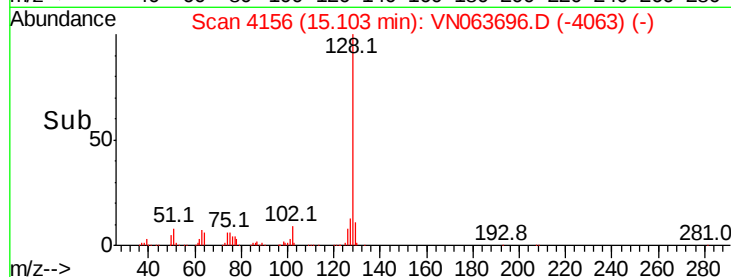
129 11.0 8.8 13.2



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: 43.187 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063696.D

Acq: 25 Sep 2020 22:18

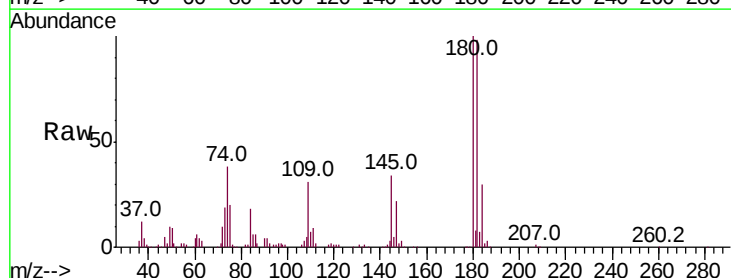
Tgt Ion:180 Resp: 140961

Ion Ratio Lower Upper

180 100

182 97.1 46.7 140.1

145 33.5 16.8 50.3



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

