

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063446.D
 Acq On : 18 Sep 2020 2:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 18 05:12:59 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	290908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	516277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236729	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	233298	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	7.55	113	163473	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	10.06	98	628678	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.38	95	243778	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	157455	47.775	ug/l	98
3) Chloromethane	2.04	50	187199	42.937	ug/l	100
4) Vinyl Chloride	2.16	62	186760	48.349	ug/l	99
5) Bromomethane	2.53	94	113814	49.625	ug/l	98
6) Chloroethane	2.67	64	111182	46.890	ug/l	95
7) Trichlorofluoromethane	2.99	101	287868	49.949	ug/l	99
8) Diethyl Ether	3.38	74	105176	46.814	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	144593	44.612	ug/l	96
10) Methyl Iodide	3.91	142	209326	49.606	ug/l	100
11) Tert butyl alcohol	4.72	59	146290	213.241	ug/l	100
12) 1,1-Dichloroethene	3.70	96	155522	47.374	ug/l	99
13) Acrolein	3.57	56	62057	244.095	ug/l	100
14) Allyl chloride	4.28	41	286313	44.091	ug/l	97
15) Acrylonitrile	4.93	53	404584	231.849	ug/l	100
16) Acetone	3.77	43	367584	230.968	ug/l	100
17) Carbon Disulfide	4.01	76	414598	43.418	ug/l	100
18) Methyl Acetate	4.27	43	187869	46.500	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	567830	46.409	ug/l	98
20) Methylene Chloride	4.51	84	181609	45.039	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	164523	45.234	ug/l	98
22) Diisopropyl ether	5.90	45	610422	46.092	ug/l	97
23) Vinyl Acetate	5.84	43	2546080	234.090	ug/l	99
24) 1,1-Dichloroethane	5.80	63	334060	46.202	ug/l	98
25) 2-Butanone	6.78	43	551785	225.431	ug/l	99
26) 2,2-Dichloropropane	6.78	77	215296	33.820	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	197226	47.908	ug/l	97
28) Bromochloromethane	7.15	49	152357	45.637	ug/l	95
29) Tetrahydrofuran	7.16	42	373132	223.203	ug/l	99
30) Chloroform	7.33	83	345850	47.676	ug/l	96
31) Cyclohexane	7.61	56	284481	41.595	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	306939	47.572	ug/l	99
36) 1,1-Dichloropropene	7.75	75	248982	45.268	ug/l	99
37) Ethyl Acetate	6.88	43	243136	45.040	ug/l	99
38) Carbon Tetrachloride	7.74	117	261930	46.651	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	257566	43.147	ug/l	98
40) Benzene	8.00	78	730306	46.513	ug/l	99
41) Methacrylonitrile	7.12	41	111846	46.067	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	297061	47.047	ug/l	99
43) Isopropyl Acetate	8.13	43	430791	44.630	ug/l #	90
44) Trichloroethene	8.80	130	181885	47.761	ug/l	98
45) 1,2-Dichloropropane	9.08	63	195915	45.814	ug/l	99
46) Dibromomethane	9.18	93	130633	46.478	ug/l	99
47) Bromodichloromethane	9.37	83	273683	46.872	ug/l	98
48) Methyl methacrylate	9.17	41	210960	44.484	ug/l	96
49) 1,4-Dioxane	9.16	88	58396	858.060	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1249293	231.186	ug/l	100
52) Toluene	10.13	92	458897	48.612	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	293869	45.082	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	307504	44.723	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	180714	48.195	ug/l	97
56) Ethyl methacrylate	10.40	69	280564	47.930	ug/l	99
57) 1,3-Dichloropropane	10.68	76	315607	46.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	721647	235.012	ug/l	97
59) 2-Hexanone	10.72	43	909179	232.234	ug/l	98
60) Dibromochloromethane	10.87	129	202538	47.813	ug/l	100
61) 1,2-Dibromoethane	10.98	107	190509	48.904	ug/l	99
64) Tetrachloroethene	10.60	164	159343	47.940	ug/l	100
65) Chlorobenzene	11.41	112	482396	46.556	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	179806	47.340	ug/l	99
67) Ethyl Benzene	11.48	91	914134	46.848	ug/l	100
68) m/p-Xylenes	11.60	106	674033	95.806	ug/l	97
69) o-Xylene	11.92	106	321450	47.964	ug/l	100
70) Styrene	11.94	104	561712	49.979	ug/l	99
71) Bromoform	12.10	173	128093	45.270	ug/l #	96
73) Isopropylbenzene	12.22	105	876424	46.200	ug/l	99
74) N-amyl acetate	12.05	43	472967	52.670	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	262586	44.705	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	347965	59.386	ug/l #	100
77) Bromobenzene	12.50	156	269484	63.152	ug/l	63
78) n-propylbenzene	12.57	91	1024356	46.362	ug/l	99
79) 2-Chlorotoluene	12.65	91	625858	47.253	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	760288	48.063	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	82869	38.775	ug/l	99
82) 4-Chlorotoluene	12.75	91	645628	46.136	ug/l	100
83) tert-Butylbenzene	12.97	119	613216	46.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	753081	47.132	ug/l	99
85) sec-Butylbenzene	13.15	105	805522	46.093	ug/l	99
86) p-Isopropyltoluene	13.26	119	740173	48.019	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	373817	47.264	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	370572	46.084	ug/l	99
89) n-Butylbenzene	13.59	91	663797	46.720	ug/l	100
90) Hexachloroethane	13.85	117	128401	43.747	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	368237	47.422	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	60579	43.311	ug/l	98

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Quant Title : SW846 8260
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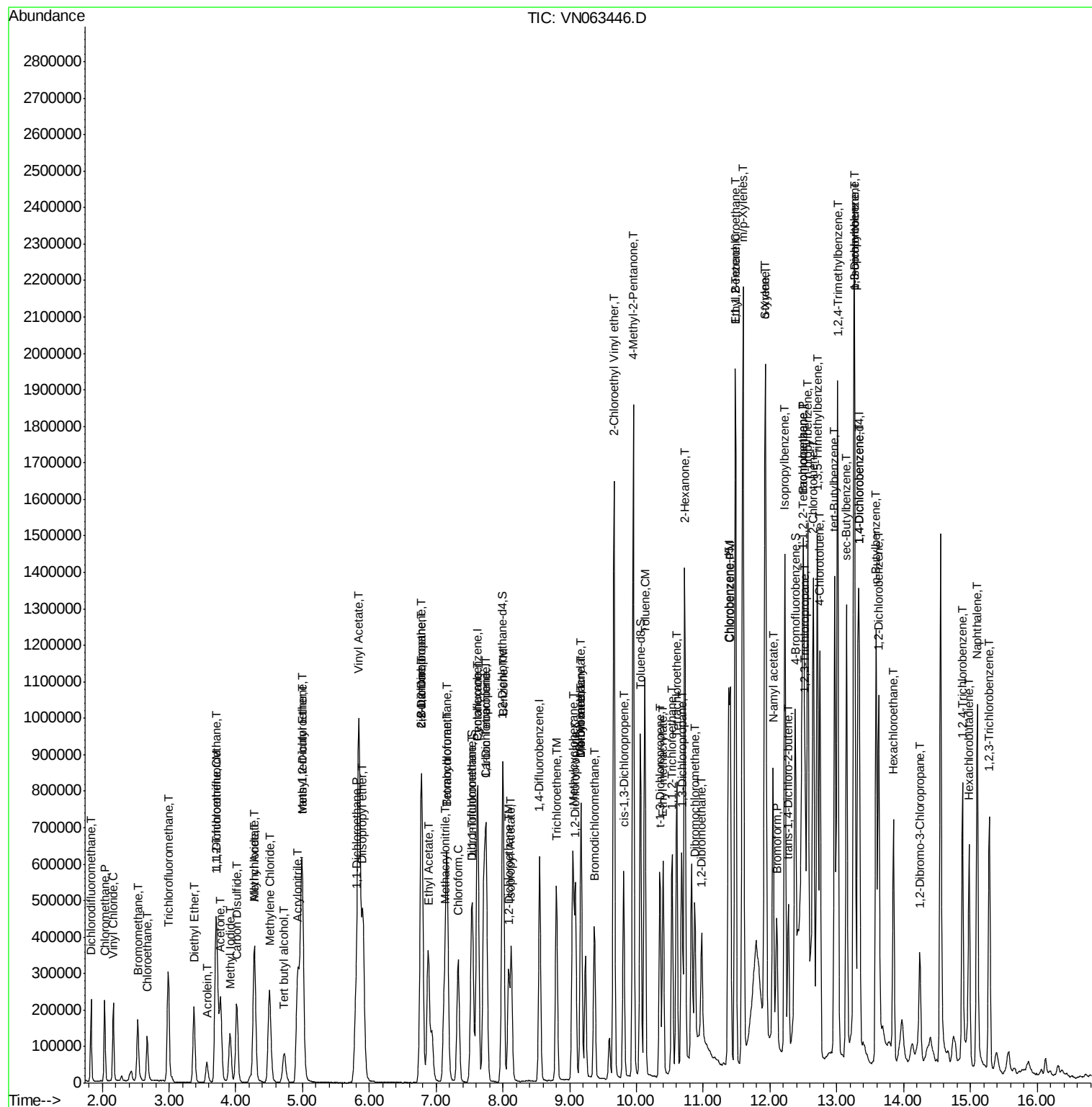
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	219762	48.007	ug/l	99
94) Hexachlorobutadiene	14.98	225	92437	48.776	ug/l	99
95) Naphthalene	15.10	128	751258	49.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	207608	46.937	ug/l	97

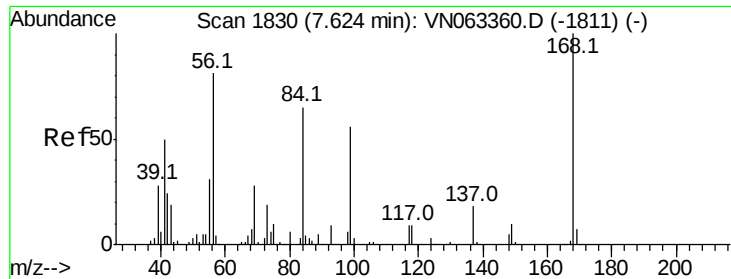
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063446.D
Acq On : 18 Sep 2020 2:45
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

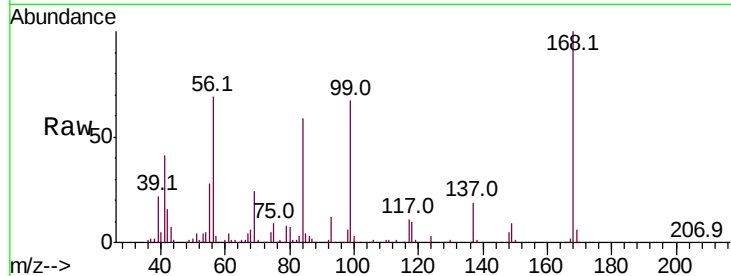
VSTDCCC050EC

Tot Ion:168 Resp: 290908

Ion Ratio Lower Upper

168 100

99 66.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

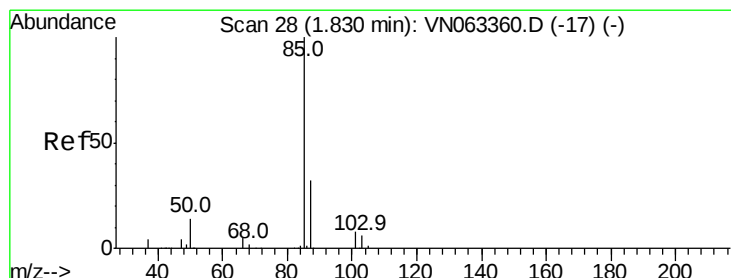
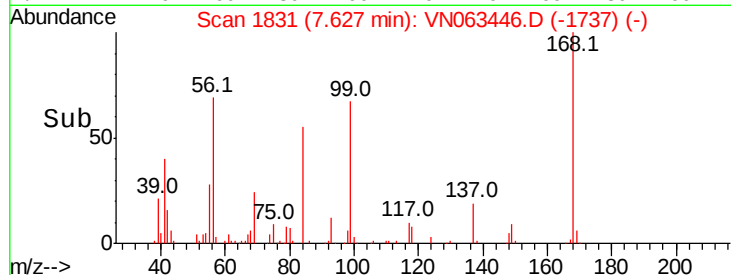
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.775 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063446.D

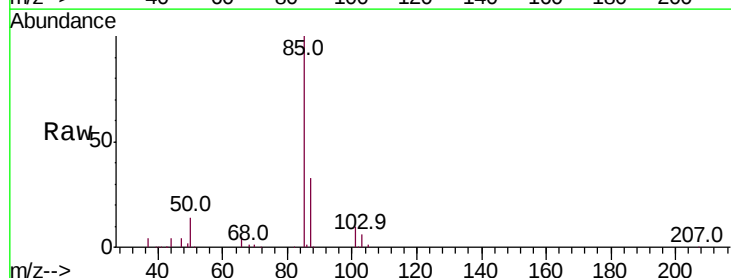
Acq: 18 Sep 2020 2:45

Tgt Ion: 85 Resp: 157455

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

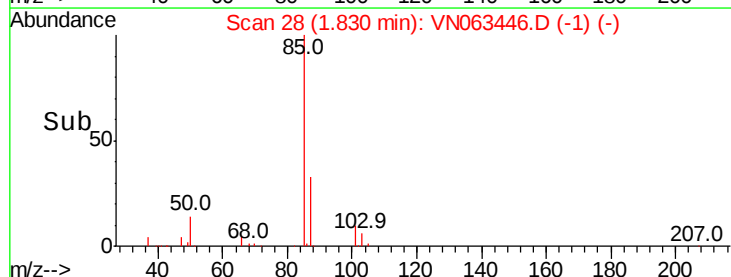
1.83

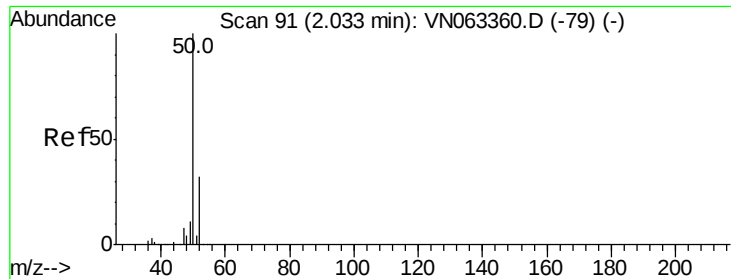
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 42.937 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

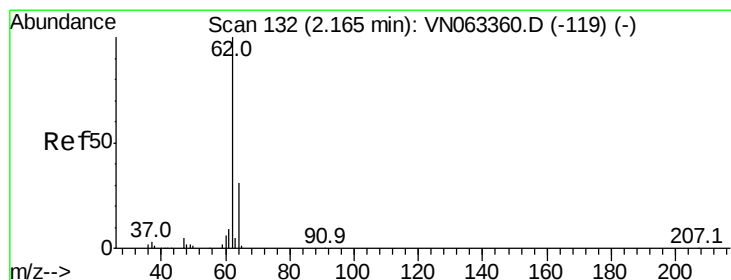
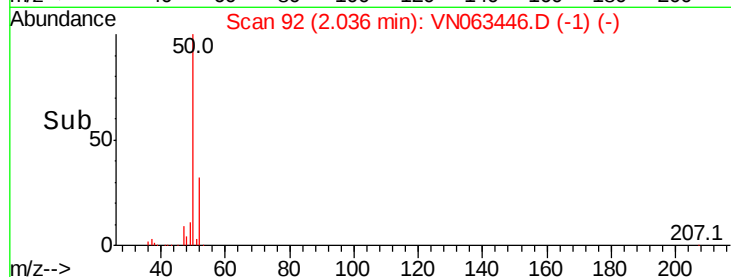
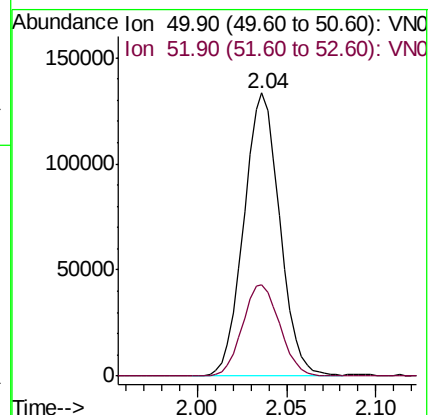
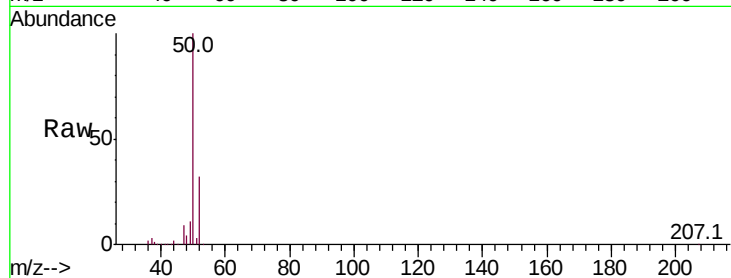
VSTDCCC050EC

Tot Ion: 50 Resp: 187199

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 48.349 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063446.D

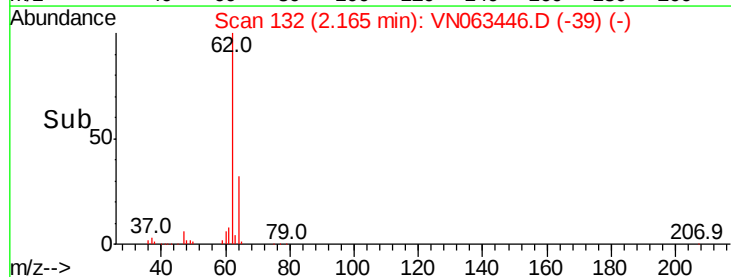
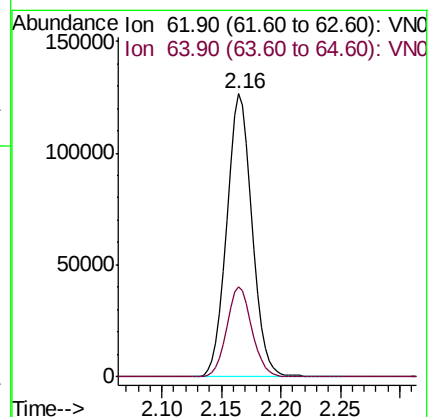
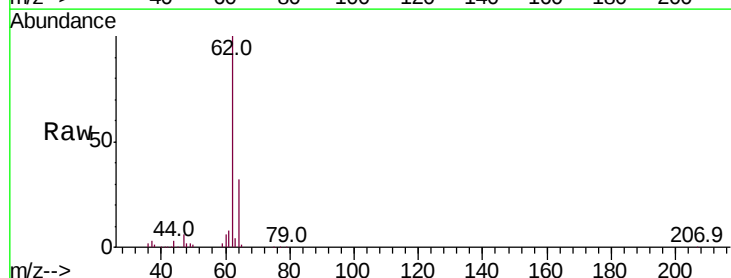
Acq: 18 Sep 2020 2:45

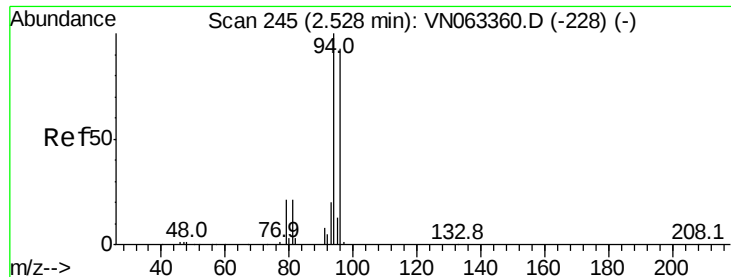
Tgt Ion: 62 Resp: 186760

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 49.625 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

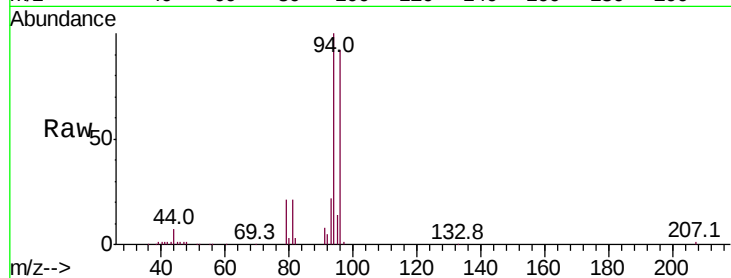
VSTDCCC050EC

Tot Ion: 94 Resp: 113814

Ion Ratio Lower Upper

94 100

96 91.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

60000

50000

40000

30000

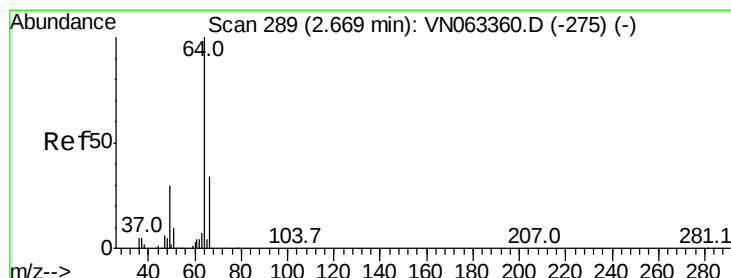
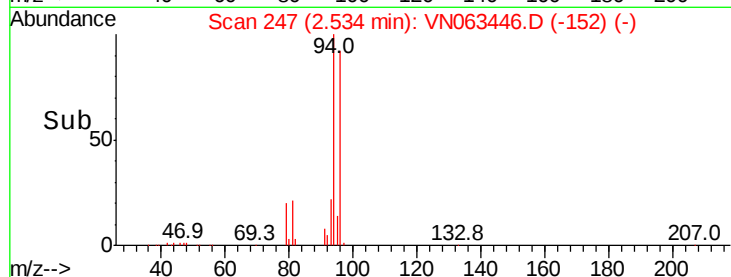
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 46.890 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063446.D

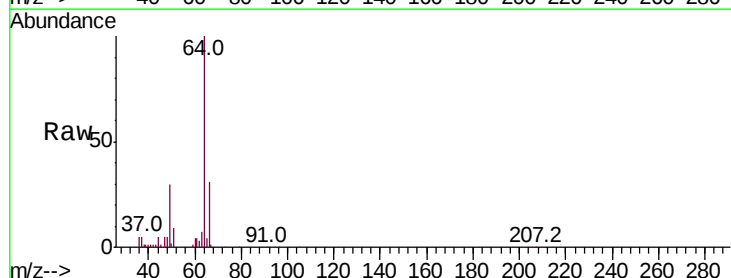
Acq: 18 Sep 2020 2:45

Tgt Ion: 64 Resp: 111182

Ion Ratio Lower Upper

64 100

66 30.8 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

60000

50000

40000

30000

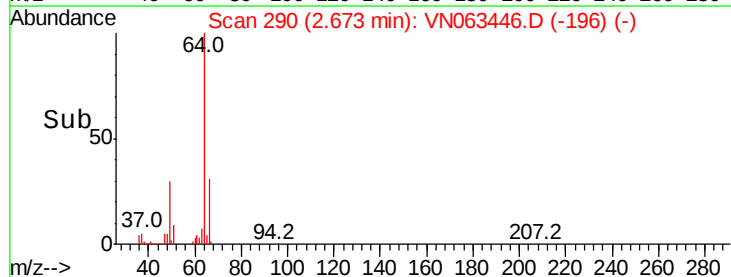
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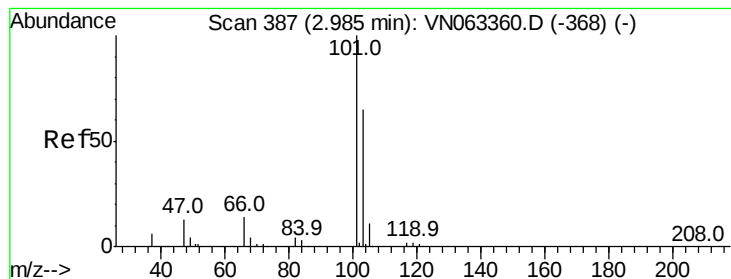
10000

0

Time-->

2.60 2.70 2.80



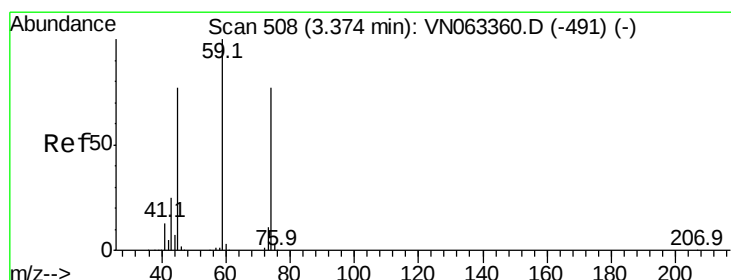
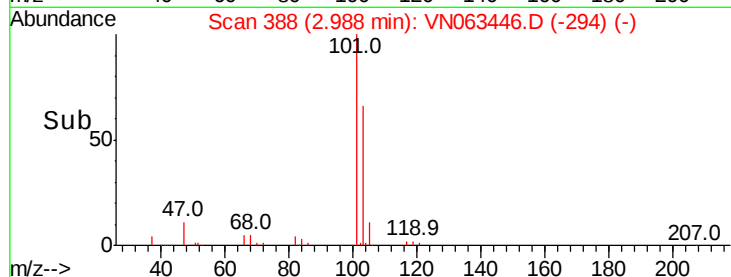
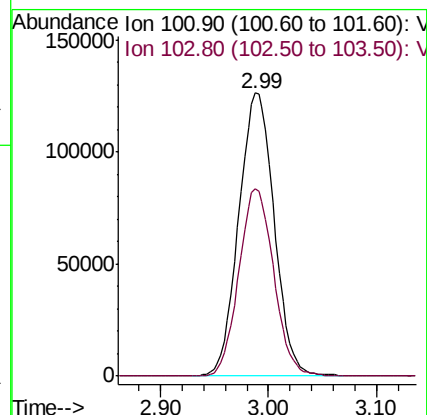
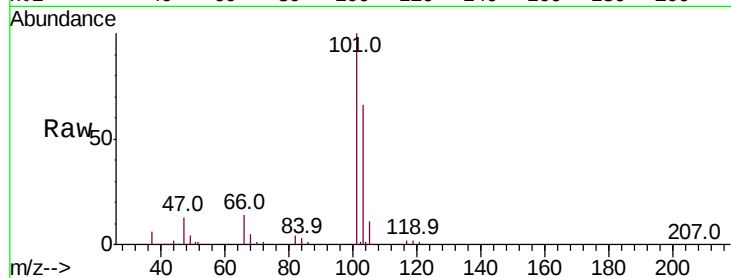


#7

Trichlorofluoromethane
 Concen: 49.949 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
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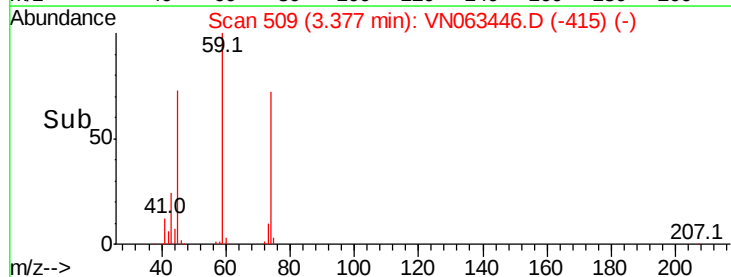
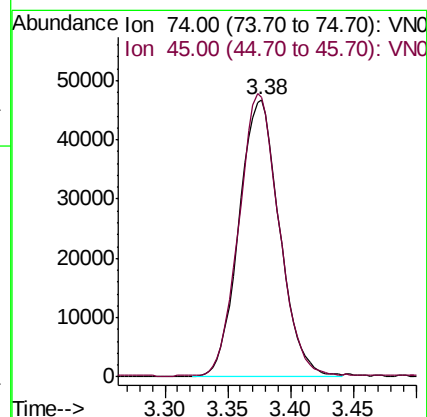
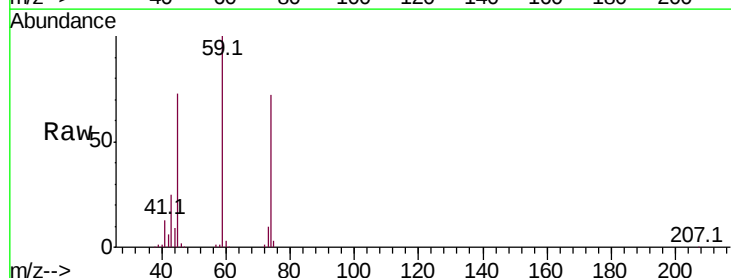
Tot Ion:101 Resp: 287868
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.3 78.5

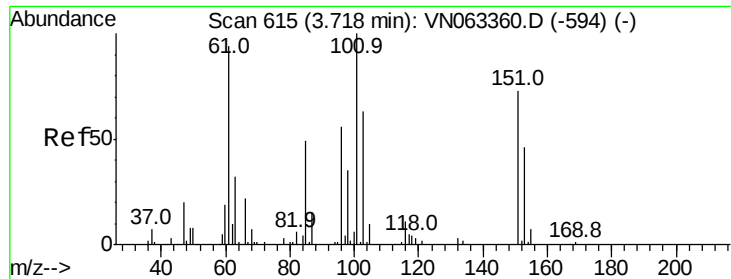


#8

Diethyl Ether
 Concen: 46.814 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion: 74 Resp: 105176
 Ion Ratio Lower Upper
 74 100
 45 101.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.612 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

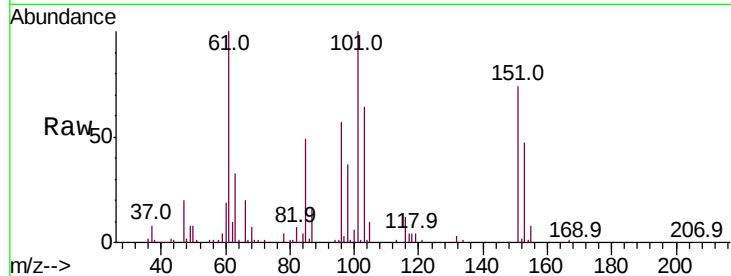
Tot Ion:101 Resp: 144593

Ion Ratio Lower Upper

101 100

85 49.4 37.7 56.5

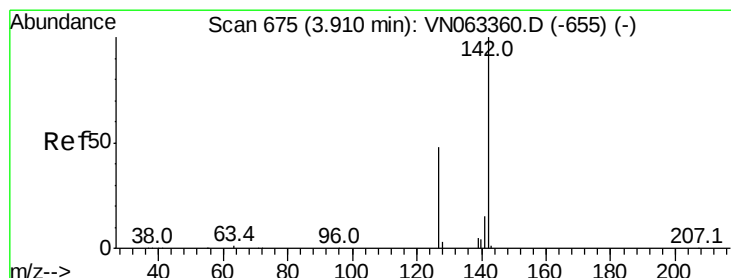
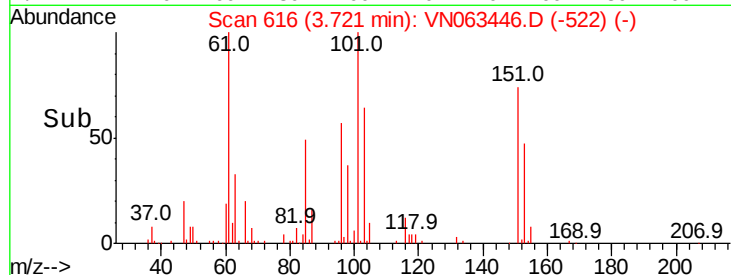
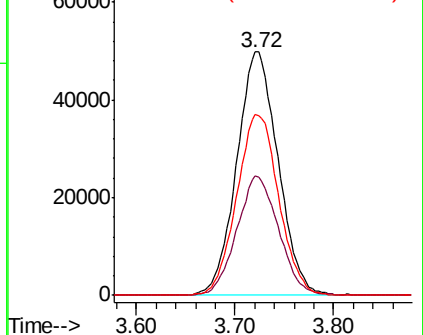
151 75.4 57.7 86.5



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: 49.606 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

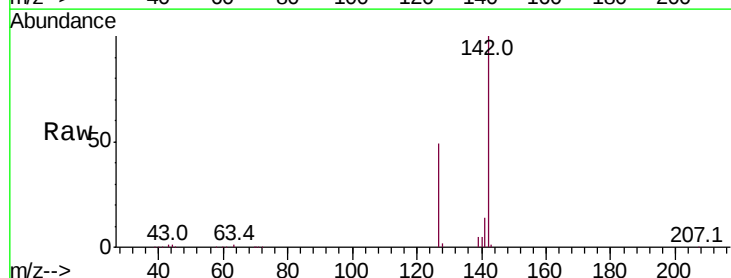
Tgt Ion:142 Resp: 209326

Ion Ratio Lower Upper

142 100

127 48.7 39.0 58.6

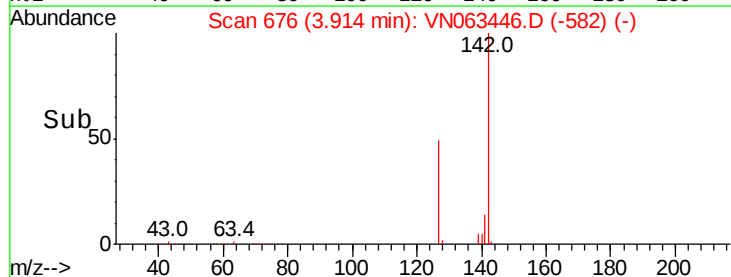
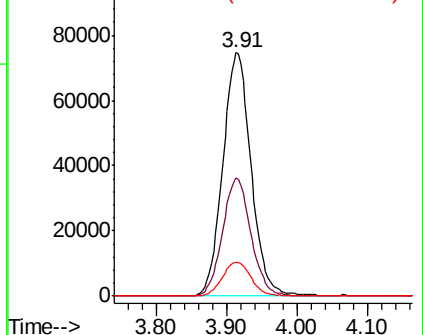
141 14.0 11.6 17.4

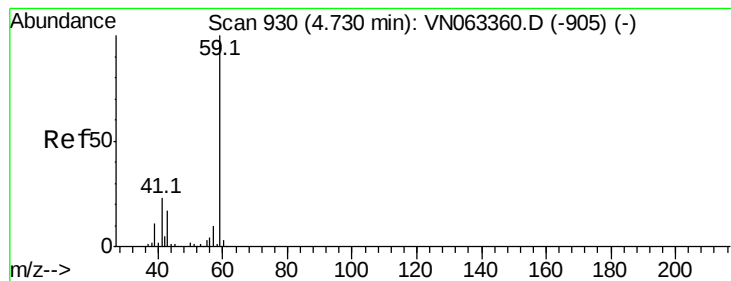


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



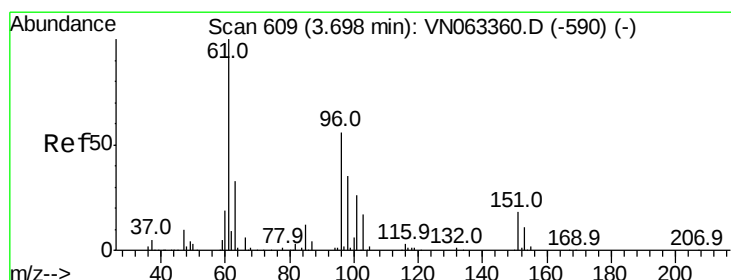
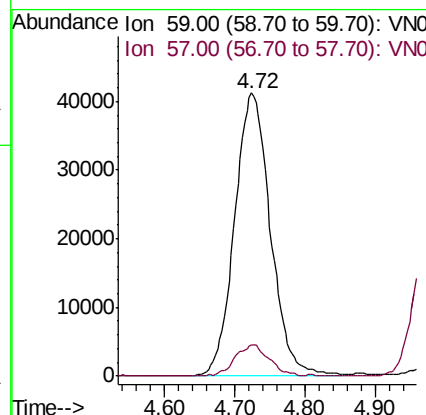
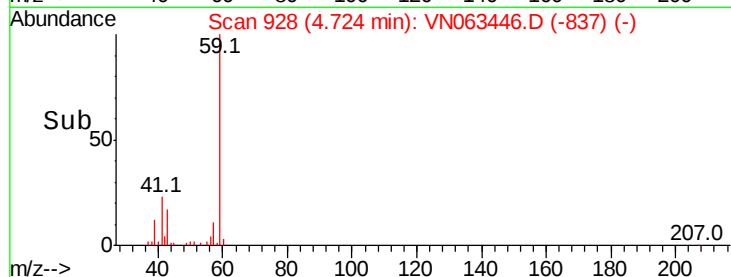
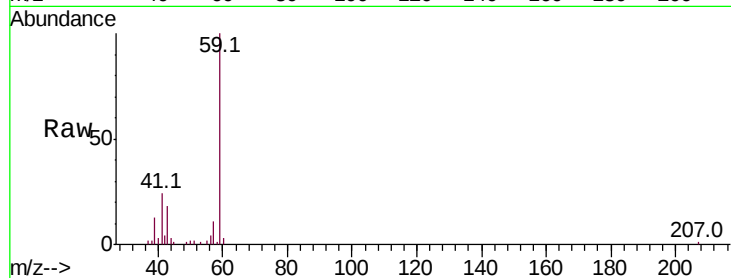


#11

Tert butyl alcohol
Concen: 213.241 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

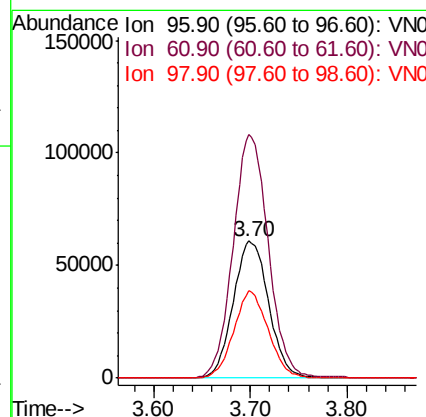
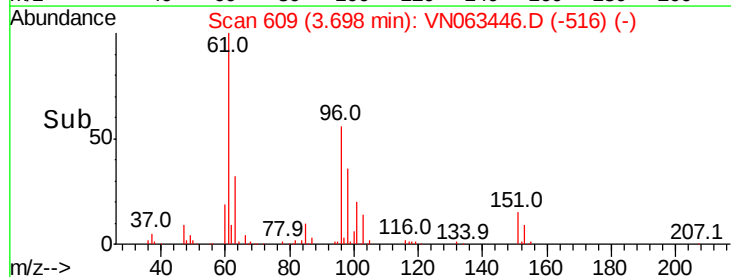
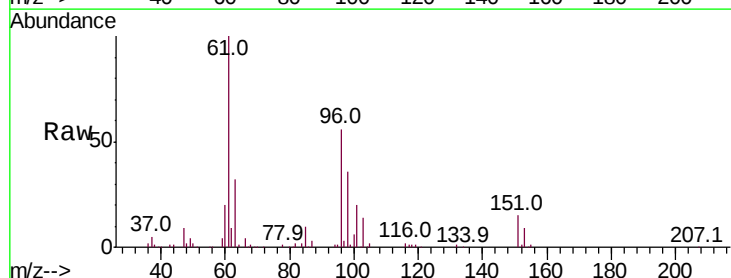
Tot Ion: 59 Resp: 146290
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

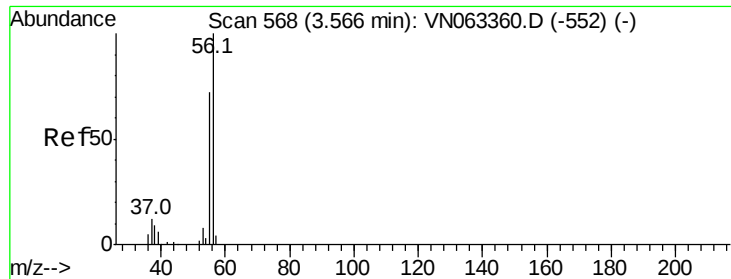


#12

1,1-Dichloroethene
Concen: 47.374 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 96 Resp: 155522
Ion Ratio Lower Upper
96 100
61 177.6 143.4 215.2
98 63.5 50.6 76.0





#13

Acrolein

Concen: 244.095 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

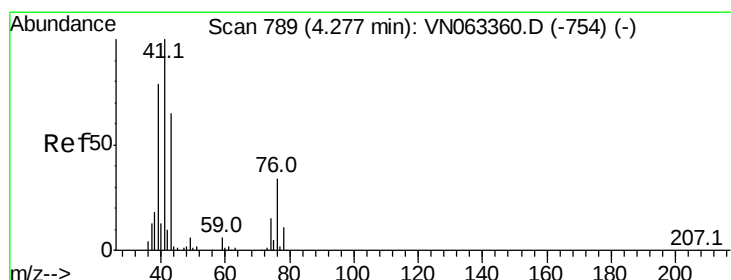
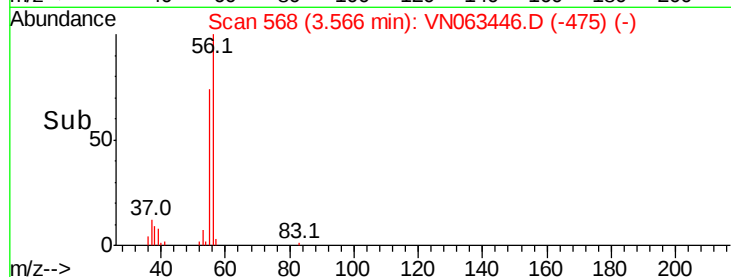
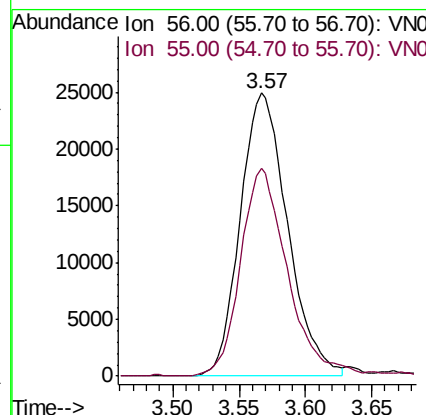
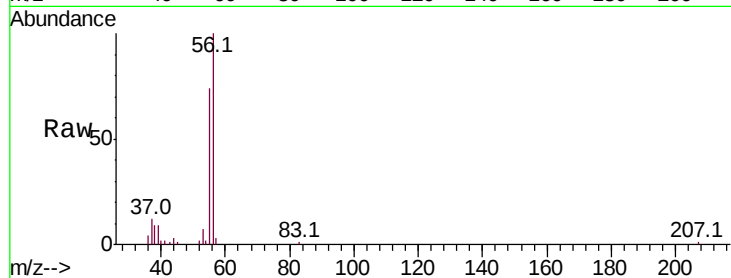
VSTDCCC050EC

Tot Ion: 56 Resp: 62057

Ion Ratio Lower Upper

56 100

55 72.6 58.2 87.2



#14

Allyl chloride

Concen: 44.091 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

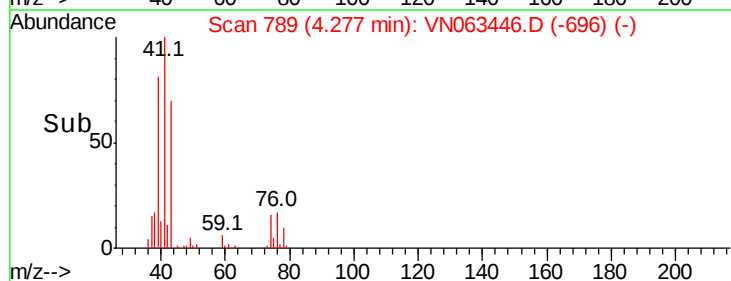
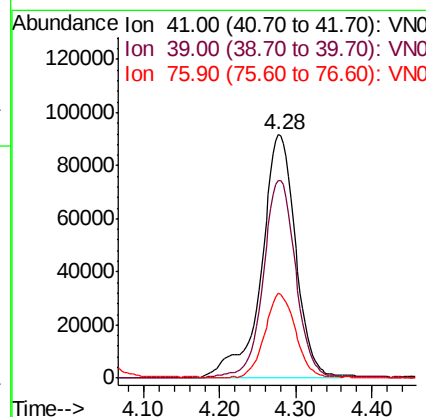
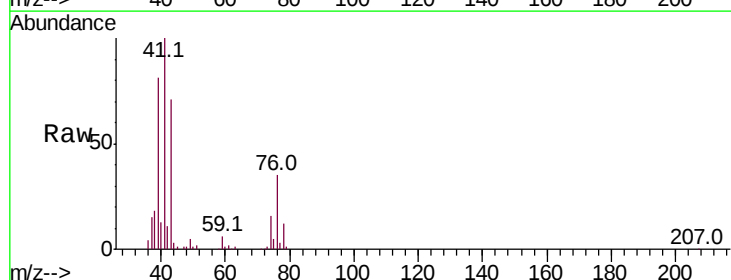
Tgt Ion: 41 Resp: 286313

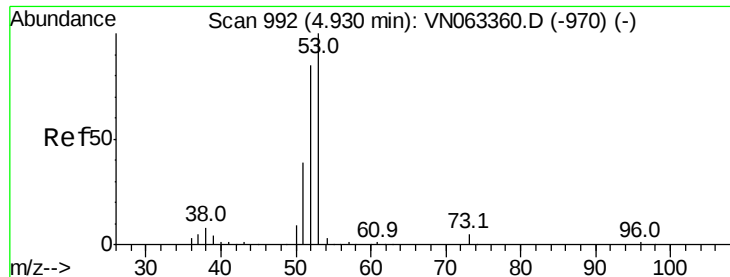
Ion Ratio Lower Upper

41 100

39 77.1 59.3 88.9

76 30.6 25.3 37.9





#15

Acrylonitrile

Concen: 231.849 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

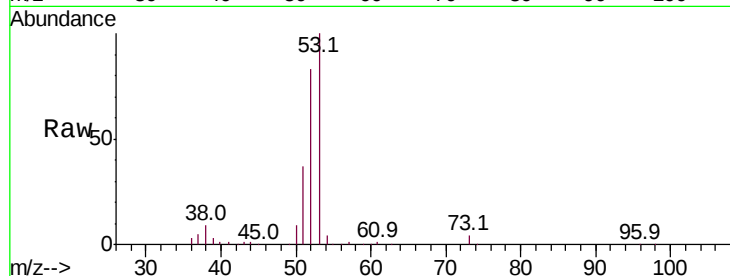
Tot Ion: 53 Resp: 404584

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 37.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)

4.93

150000

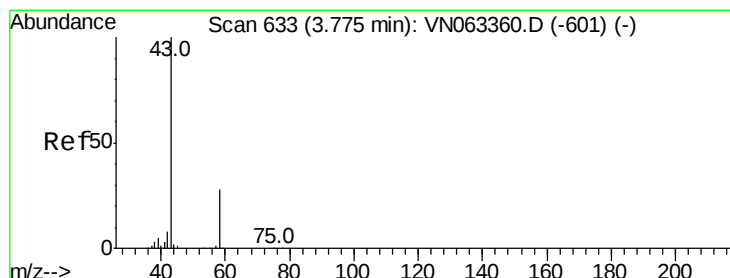
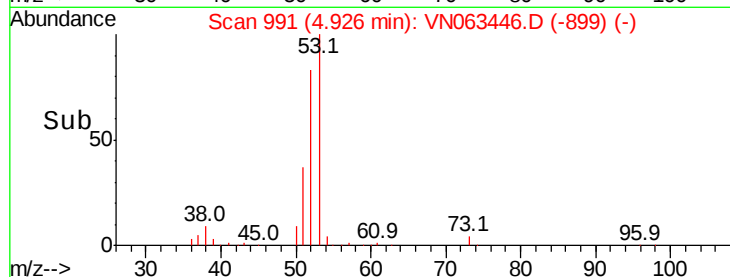
100000

50000

0

4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 230.968 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063446.D

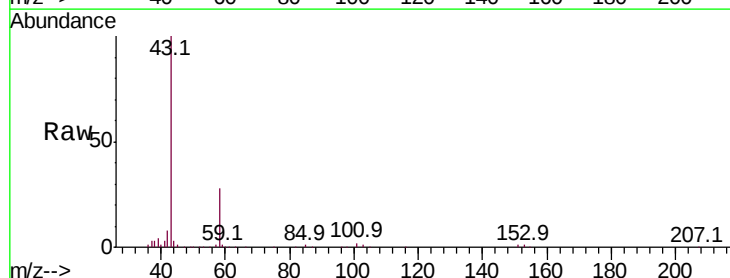
Acq: 18 Sep 2020 2:45

Tgt Ion: 43 Resp: 367584

Ion Ratio Lower Upper

43 100

58 28.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.77

150000

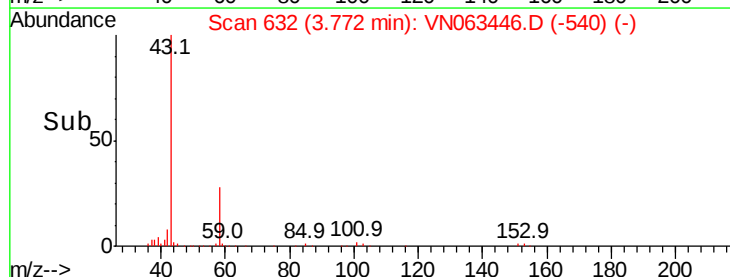
100000

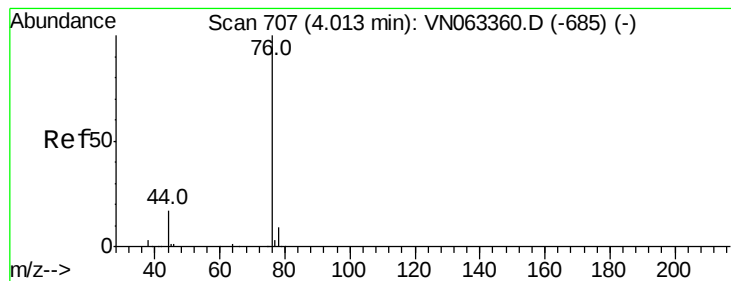
50000

0

3.60 3.70 3.80 3.90

Time-->





#17

Carbon Disulfide

Concen: 43.418 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

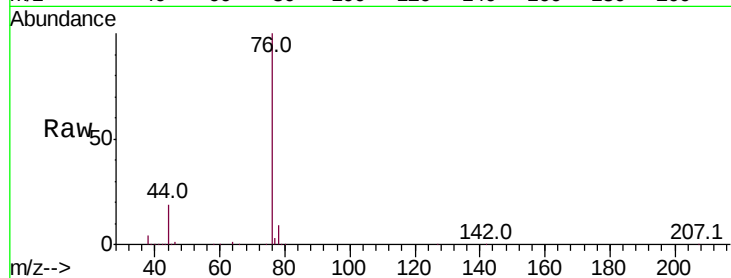
VSTDCCC050EC

Tot Ion: 76 Resp: 414598

Ion Ratio Lower Upper

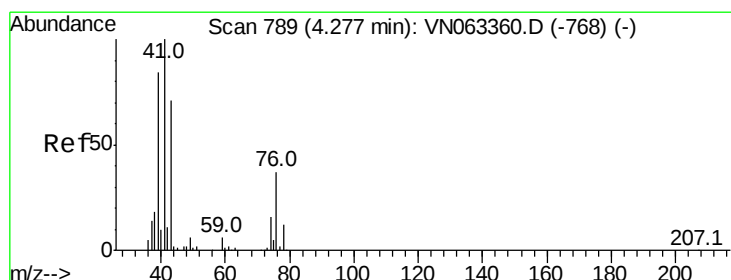
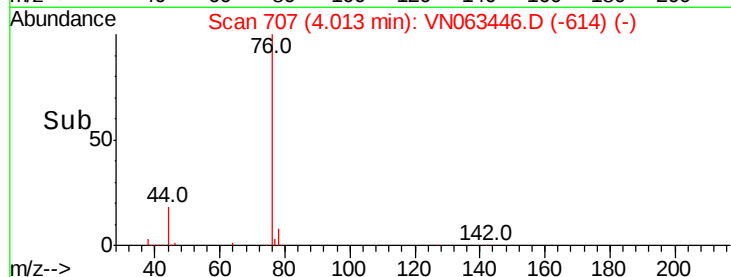
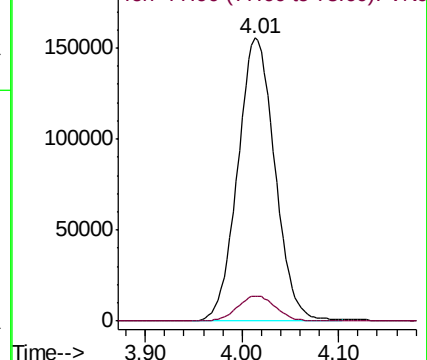
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 46.500 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063446.D

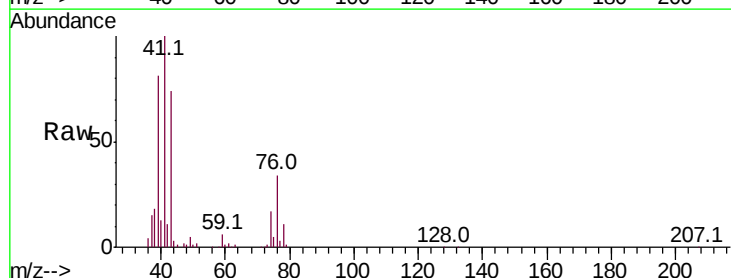
Acq: 18 Sep 2020 2:45

Tgt Ion: 43 Resp: 187869

Ion Ratio Lower Upper

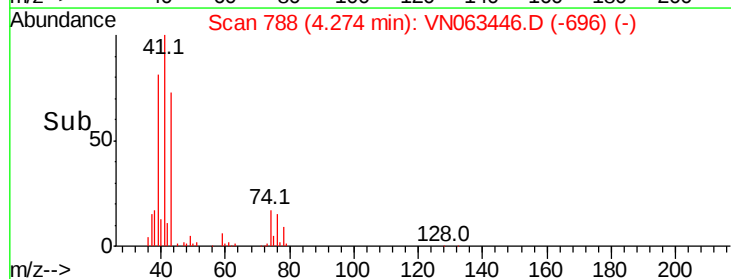
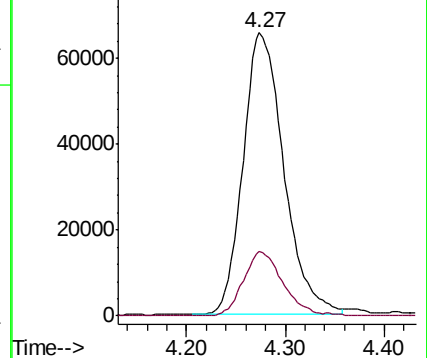
43 100

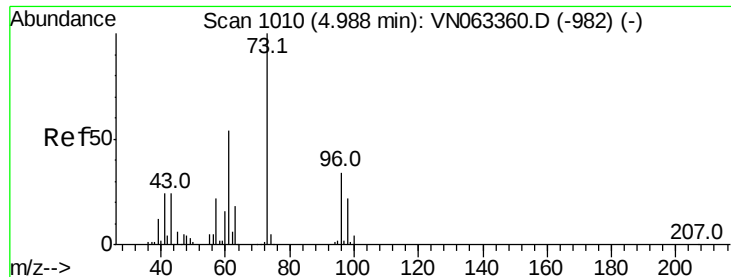
74 22.4 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

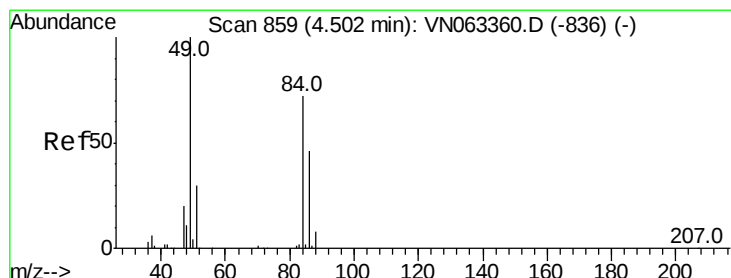
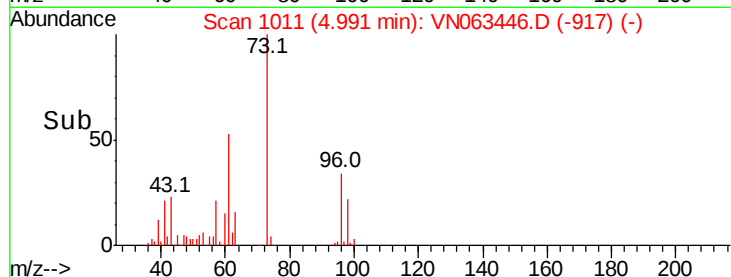
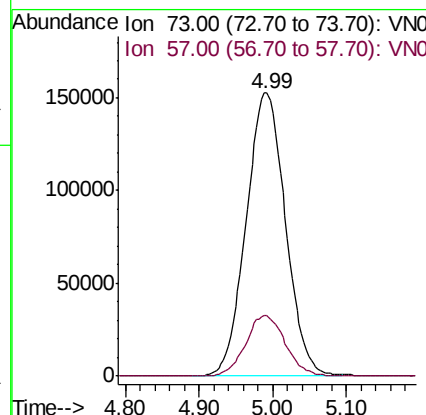
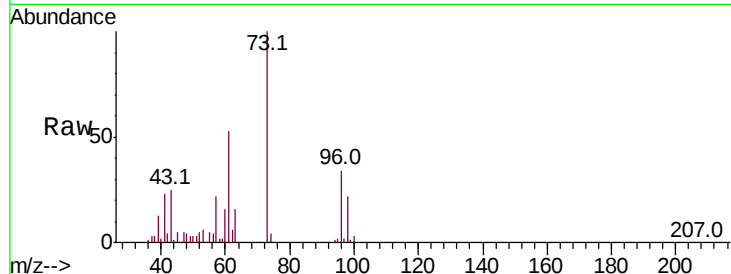




#19
Methvl tert-butvl Ether
Concen: 46.409 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

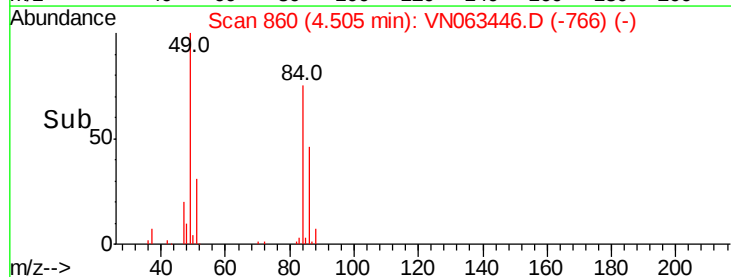
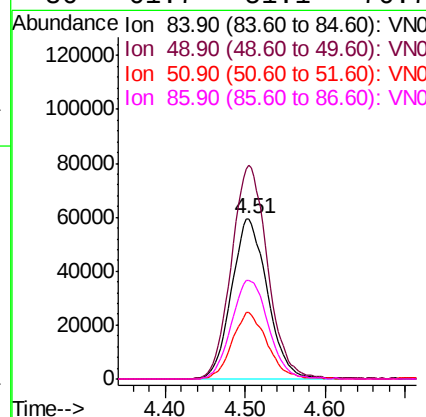
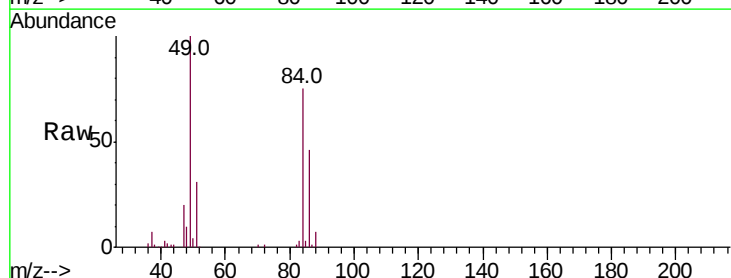
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

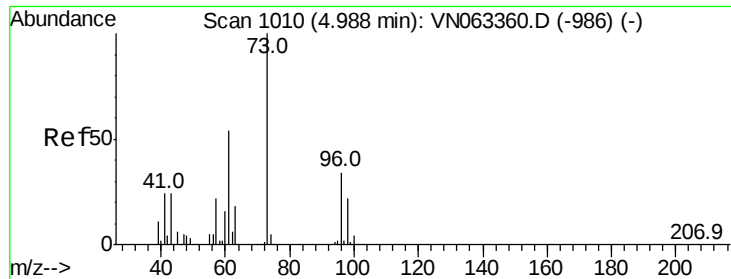
Tot Ion: 73 Resp: 567830
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9



#20
Methylene Chloride
Concen: 45.039 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 84 Resp: 181609
Ion Ratio Lower Upper
84 100
49 133.0 110.7 166.1
51 41.7 32.9 49.3
86 61.7 51.1 76.7

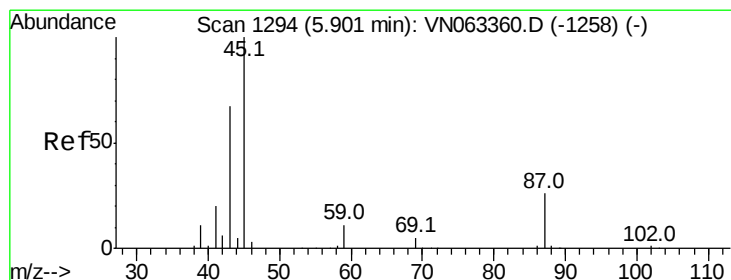
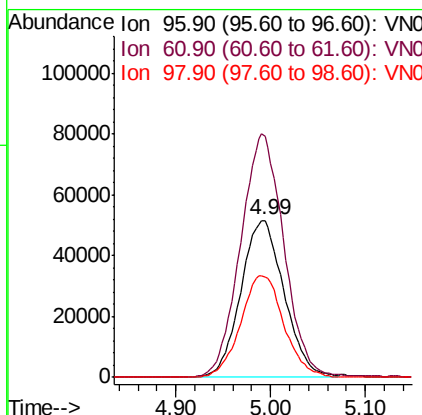
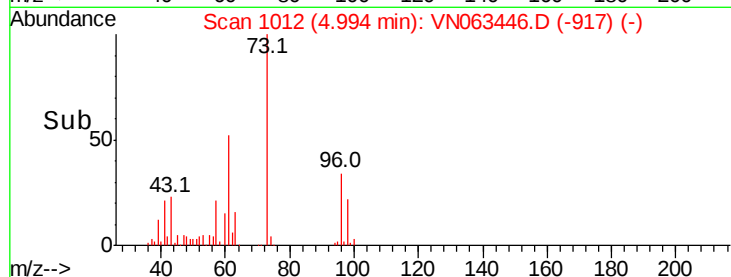
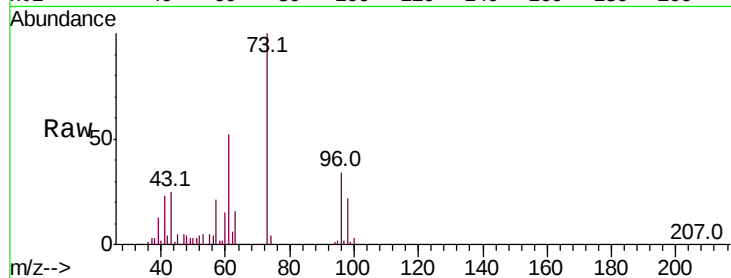




#21
trans-1,2-Dichloroethene
Concen: 45.234 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

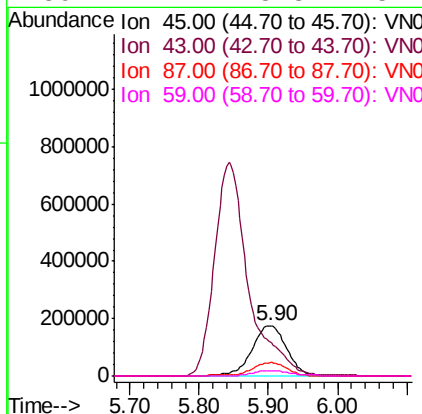
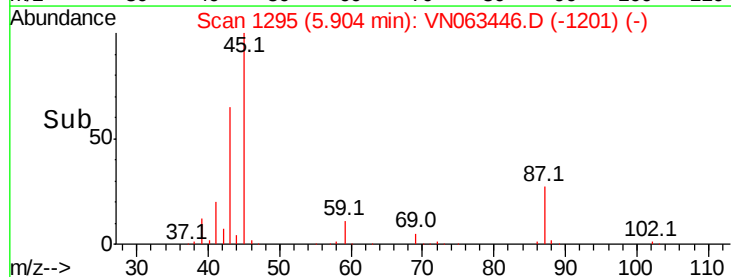
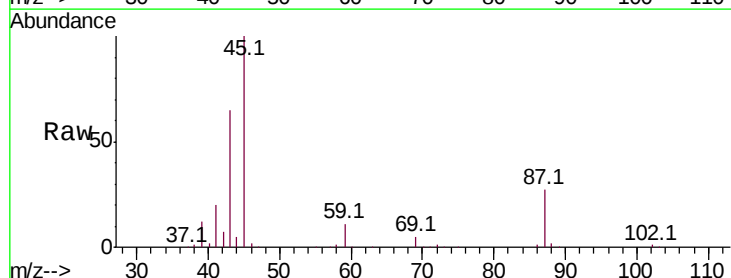
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

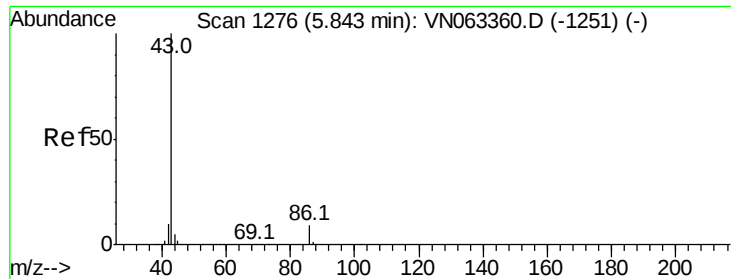
Tot Ion: 96 Resp: 164523
Ion Ratio Lower Upper
96 100
61 153.6 126.2 189.4
98 64.2 51.0 76.4



#22
Diisopropyl ether
Concen: 46.092 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 45 Resp: 610422
Ion Ratio Lower Upper
45 100
43 63.4 53.5 80.3
87 26.6 21.2 31.8
59 11.1 8.8 13.2





#23

Vinyl Acetate

Concen: 234.090 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

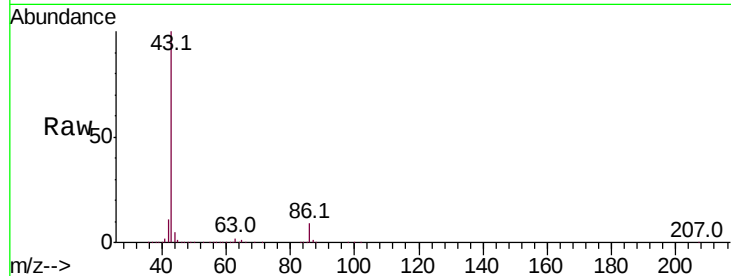
VSTDCCC050EC

Tot Ion: 43 Resp: 2546080

Ion Ratio Lower Upper

43 100

86 9.3 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

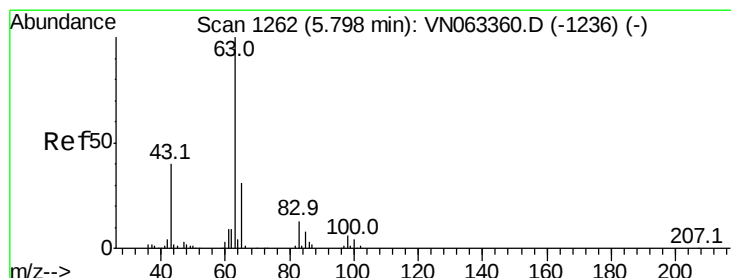
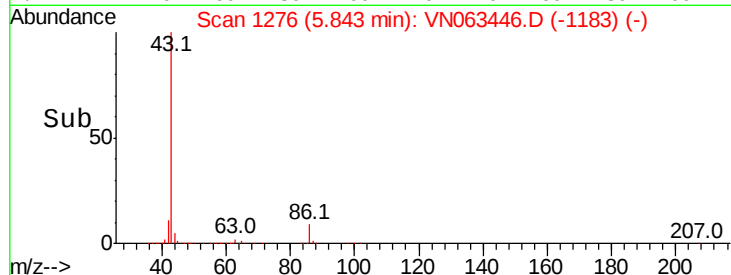
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 46.202 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

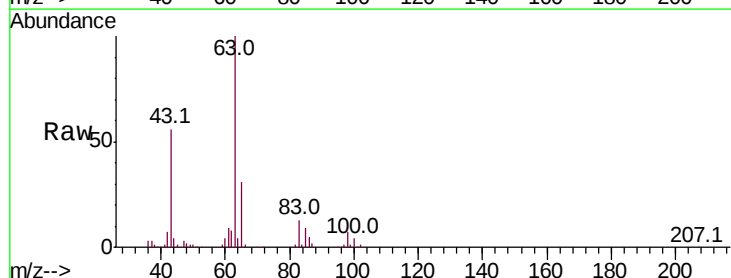
Tgt Ion: 63 Resp: 334060

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 3.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

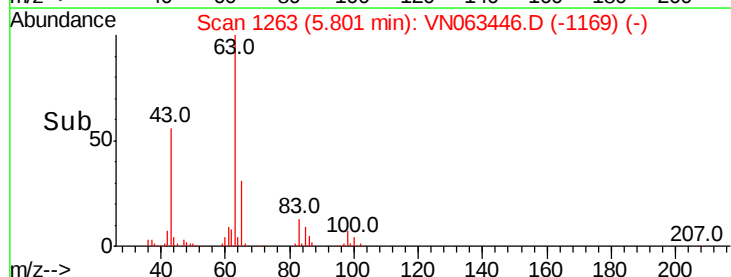
100000

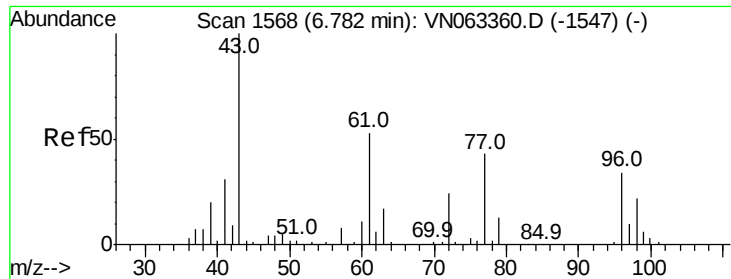
50000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 225.431 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

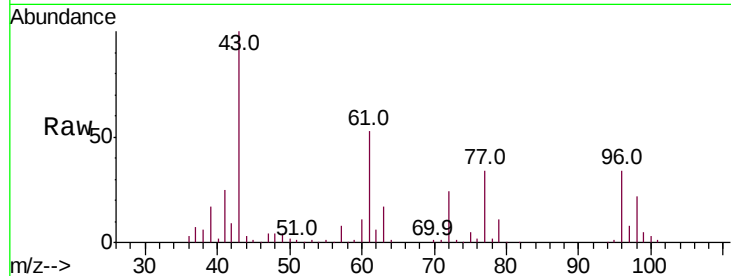
VSTDCCC050EC

Tot Ion: 43 Resp: 551785

Ion Ratio Lower Upper

43 100

72 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1547) (-)

6.78

200000

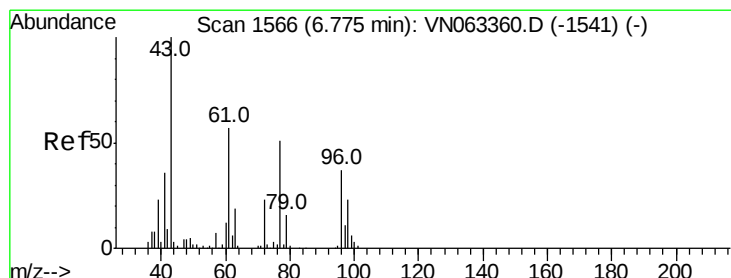
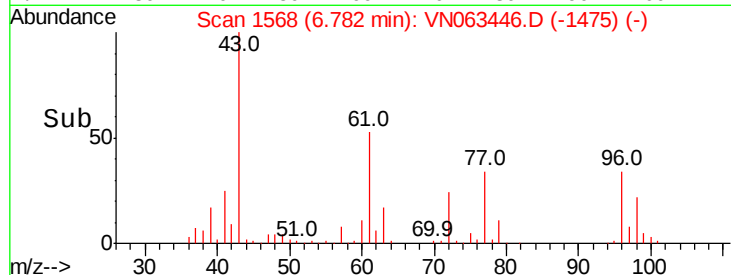
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 33.820 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063446.D

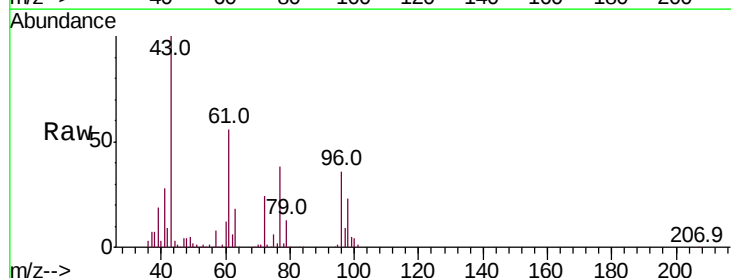
Acq: 18 Sep 2020 2:45

Tgt Ion: 77 Resp: 215296

Ion Ratio Lower Upper

77 100

97 22.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN063360.D (-1541) (-)

Ion 96.90 (96.60 to 97.60): VN063360.D (-1541) (-)

6.78

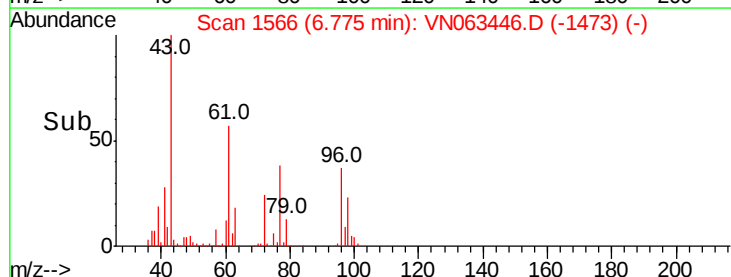
60000

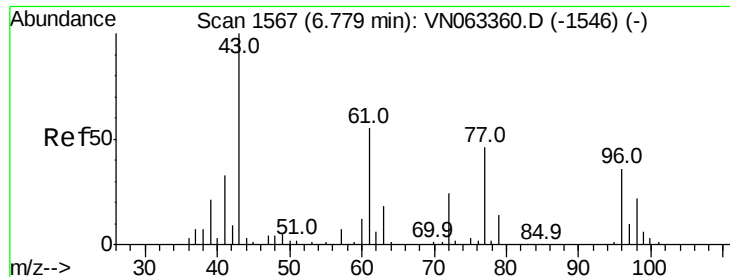
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.908 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

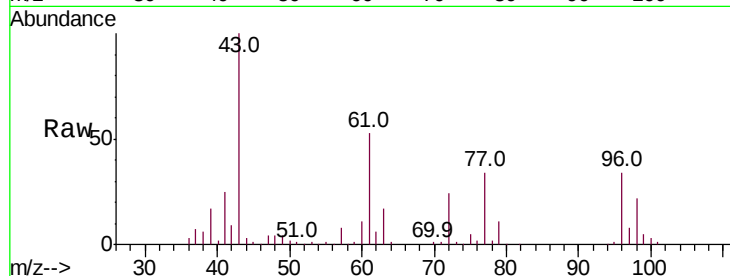
Tot Ion: 96 Resp: 197226

Ion Ratio Lower Upper

96 100

61 154.8 0.0 319.6

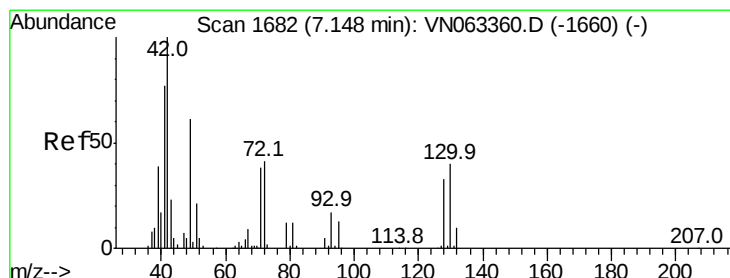
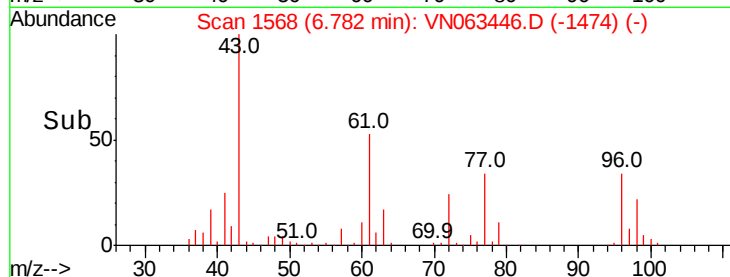
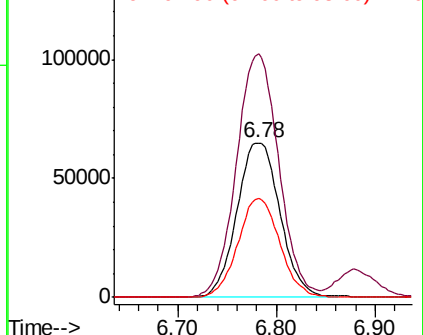
98 62.4 0.0 127.8



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: 45.637 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

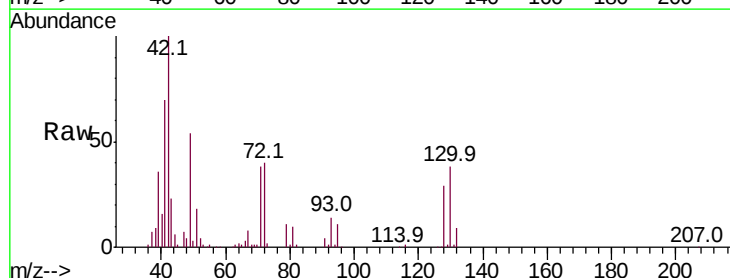
Tgt Ion: 49 Resp: 152357

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

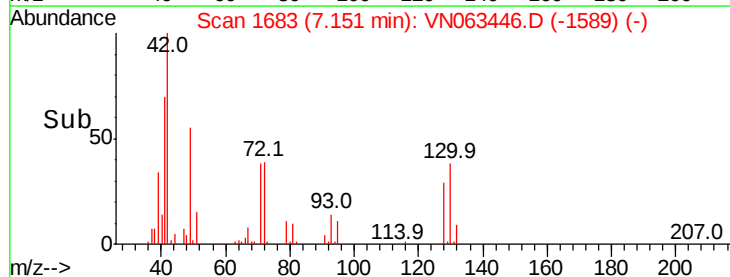
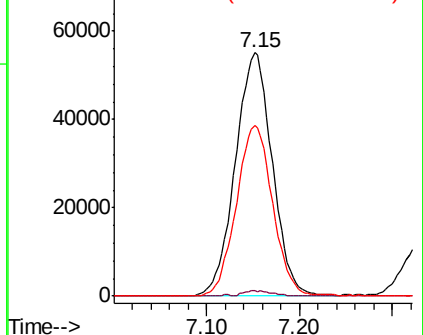
130 69.1 52.2 78.2

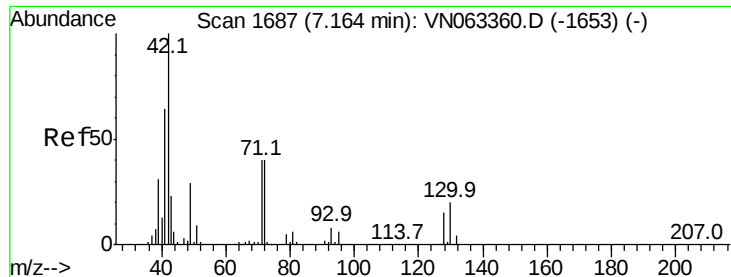


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 223.203 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

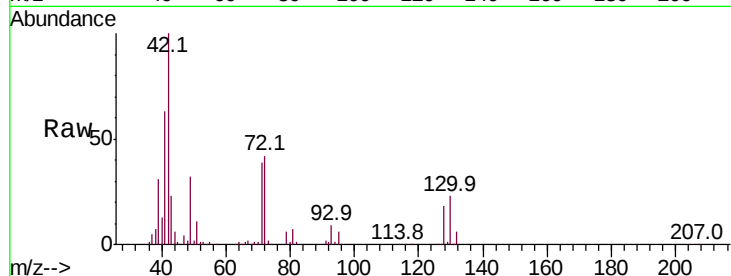
Tot Ion: 42 Resp: 373132

Ion Ratio Lower Upper

42 100

72 41.0 32.1 48.1

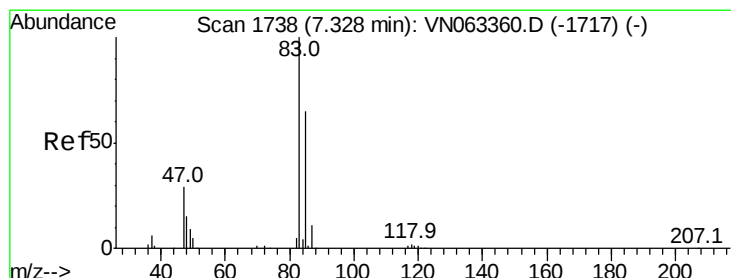
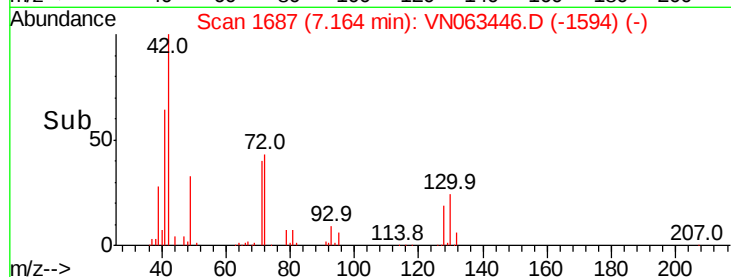
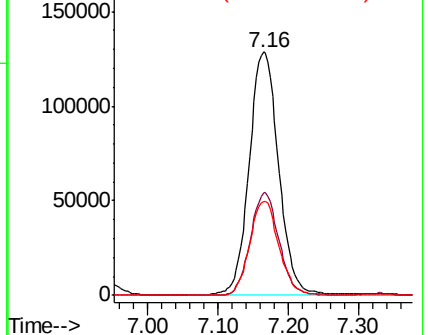
71 38.3 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.676 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063446.D

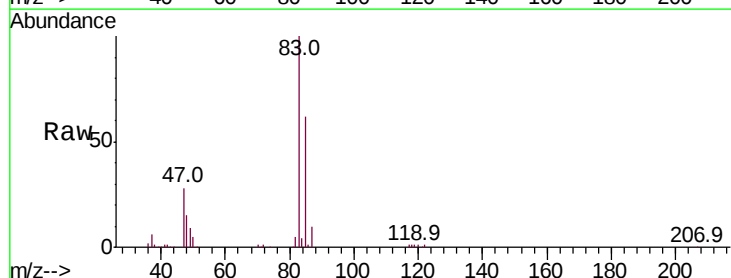
Acq: 18 Sep 2020 2:45

Tgt Ion: 83 Resp: 345850

Ion Ratio Lower Upper

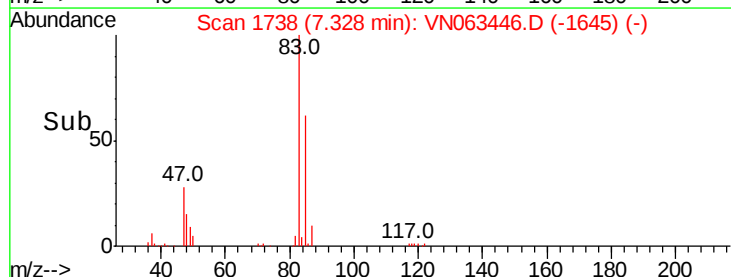
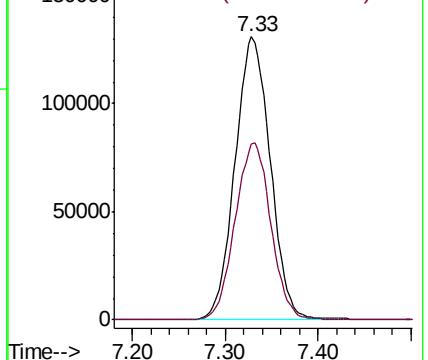
83 100

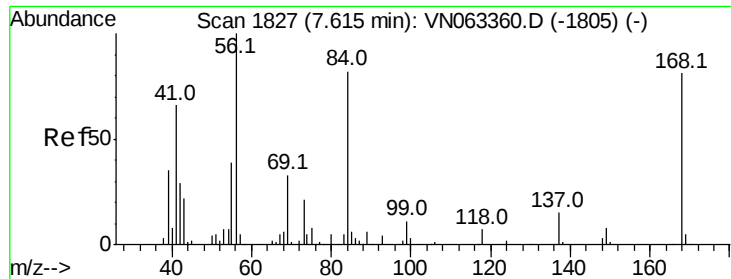
85 62.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

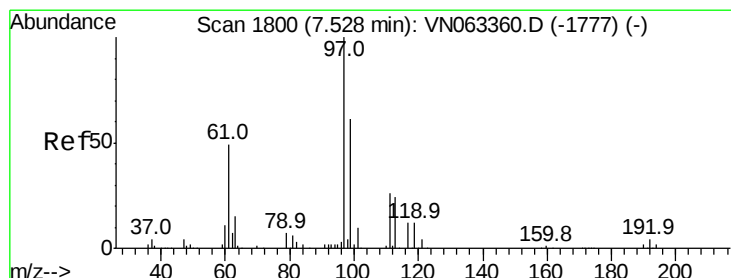
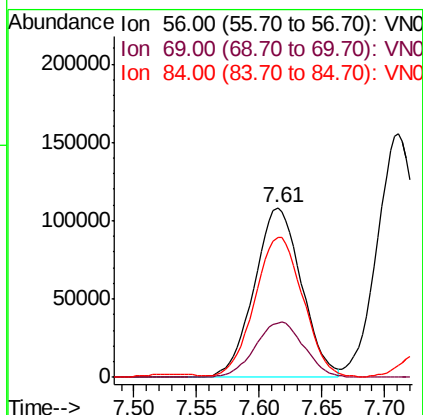
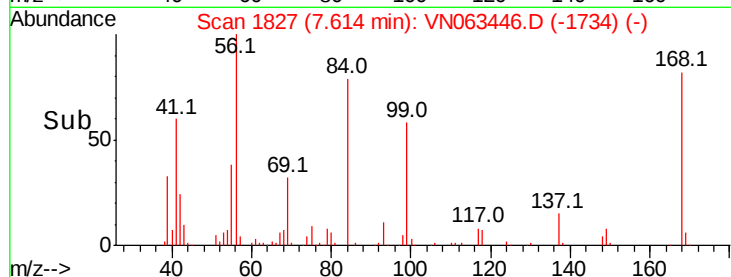
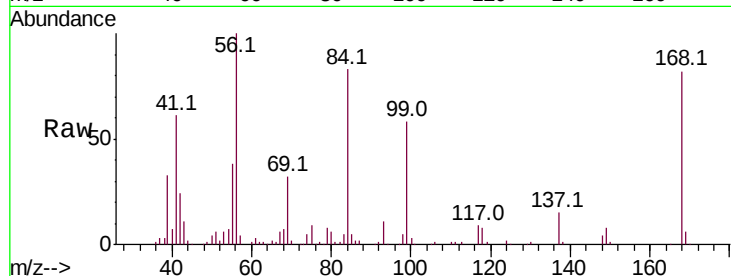




#31
Cyclohexane
Concen: 41.595 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

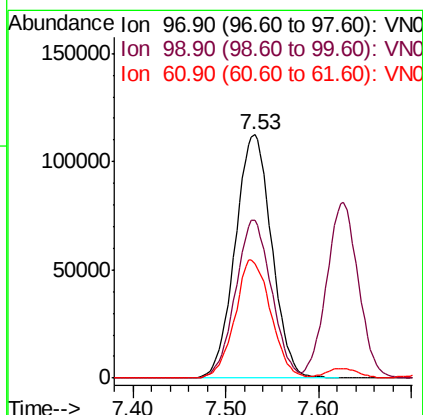
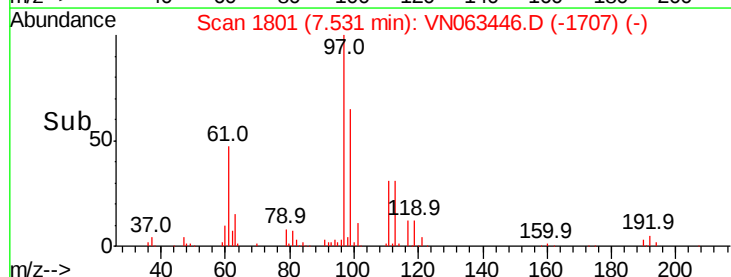
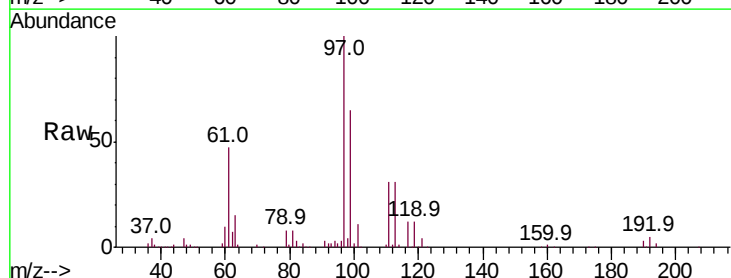
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

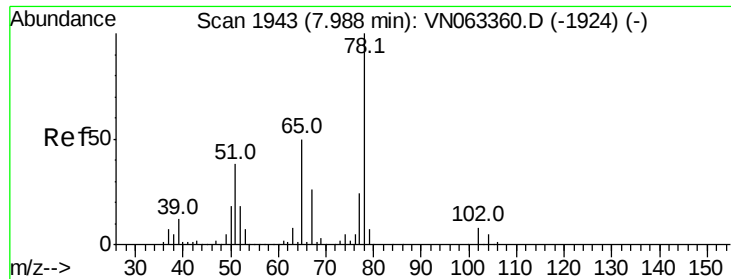
Tot Ion: 56 Resp: 284481
Ion Ratio Lower Upper
56 100
69 32.2 26.1 39.1
84 80.9 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 47.572 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 97 Resp: 306939
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 47.6 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 47.112 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

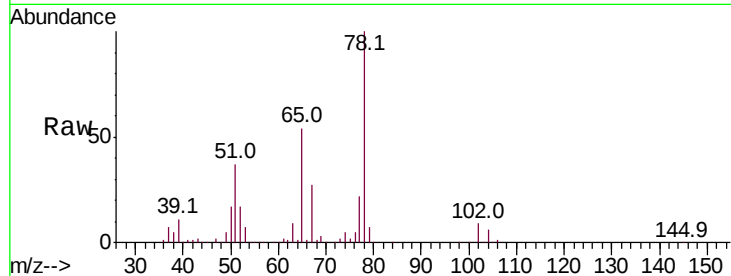
VSTDCCC050EC

Tot Ion: 65 Resp: 233298

Ion Ratio Lower Upper

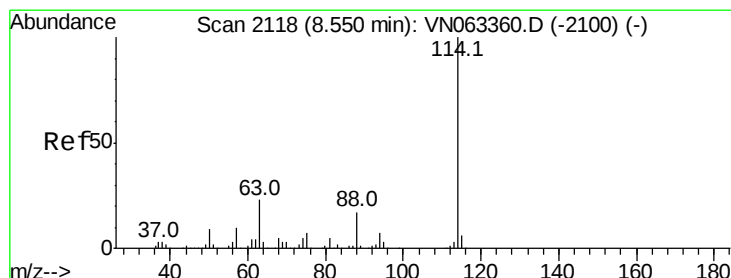
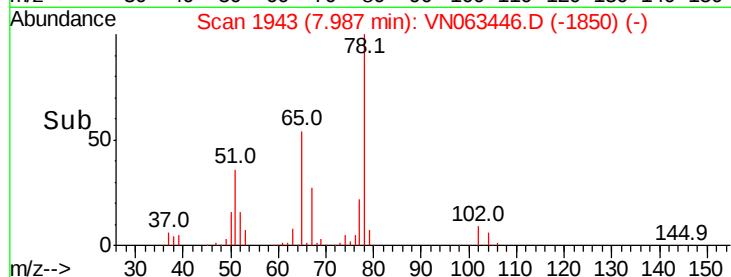
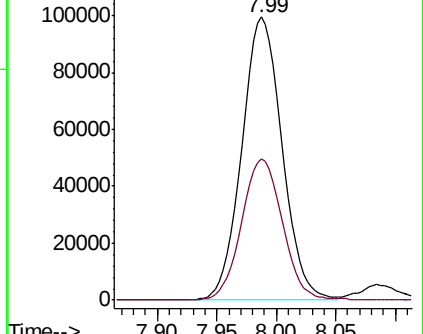
65 100

67 50.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

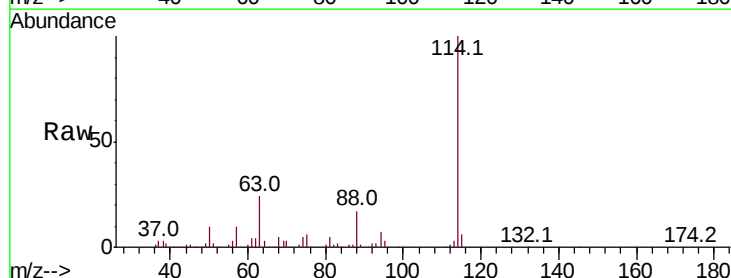
Tgt Ion: 114 Resp: 516277

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

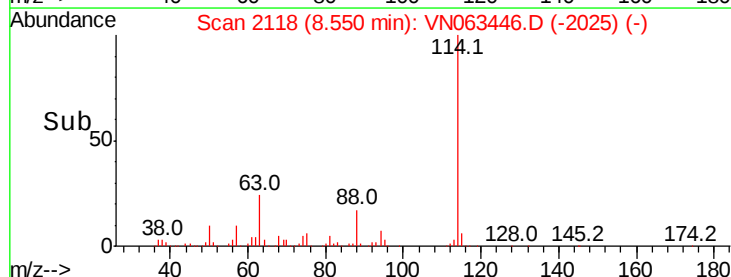
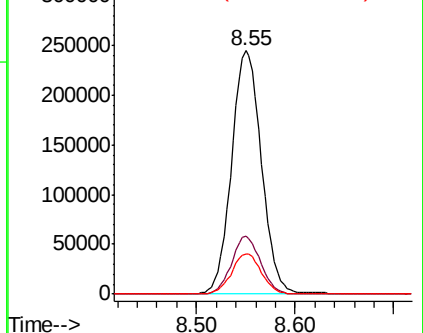
88 16.6 0.0 33.2

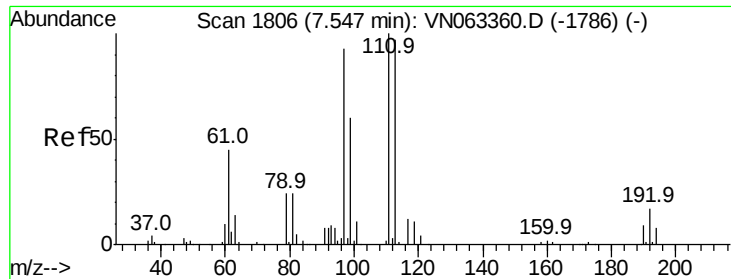


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 45.738 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

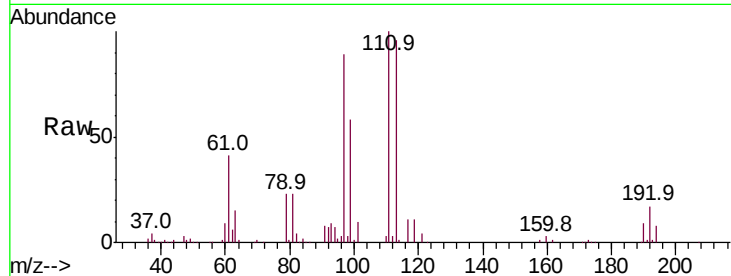
Tot Ion:113 Resp: 163473

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

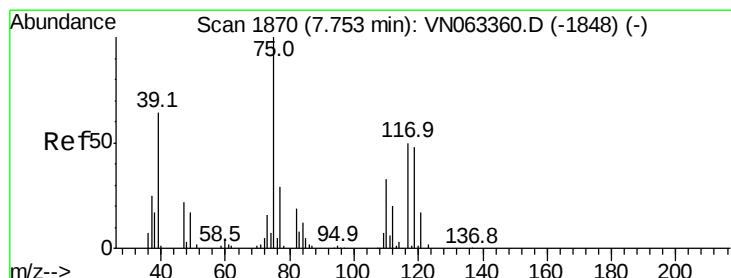
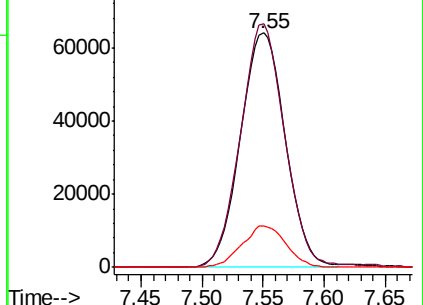
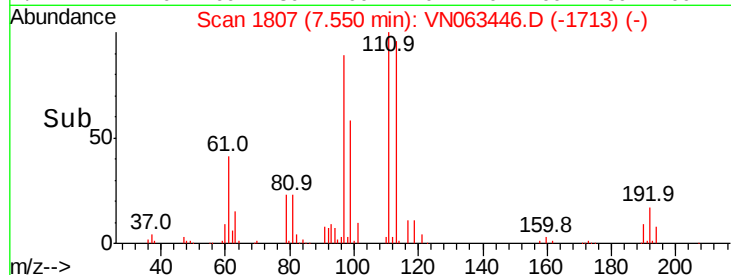
192 17.4 13.9 20.9



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: 45.268 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

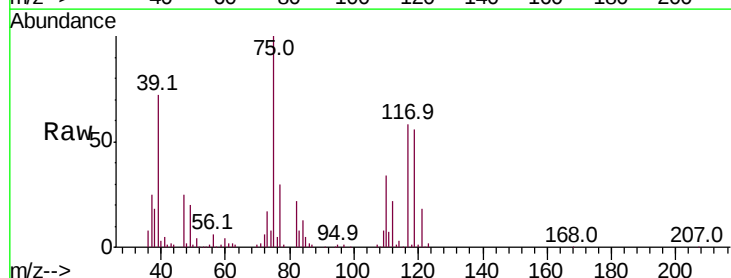
Tgt Ion: 75 Resp: 248982

Ion Ratio Lower Upper

75 100

110 33.8 16.5 49.5

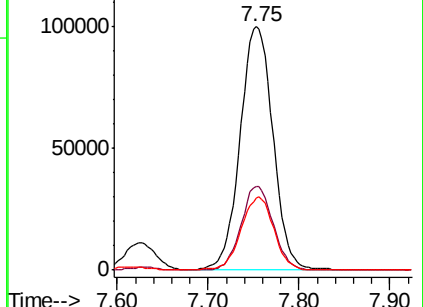
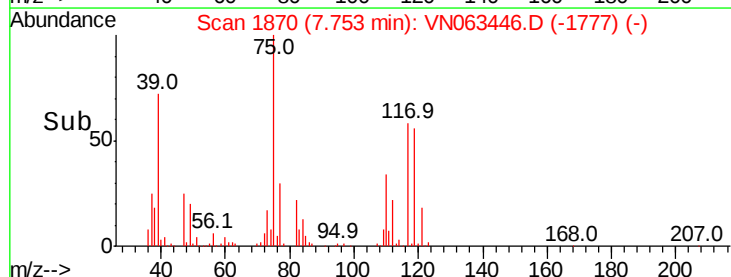
77 30.5 24.6 36.8

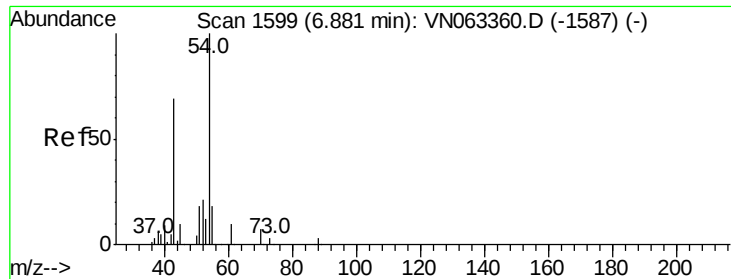


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

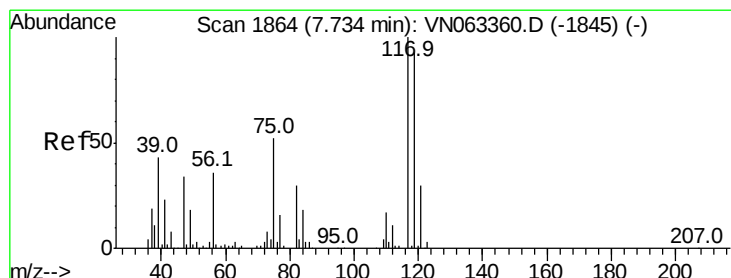
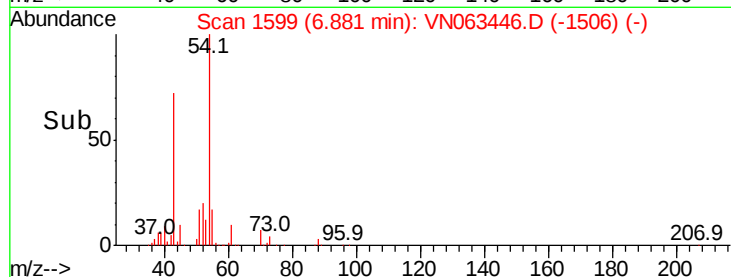
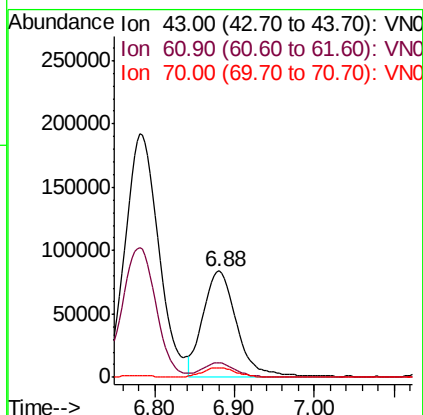
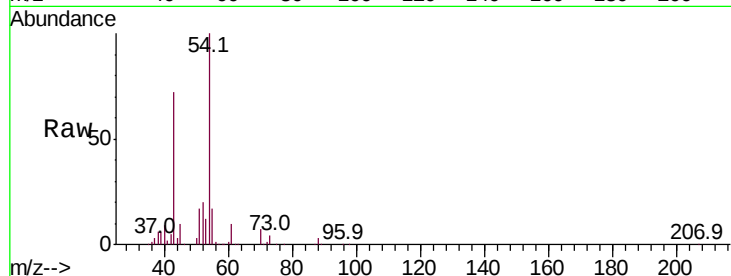




#37
Ethyl Acetate
Concen: 45.040 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

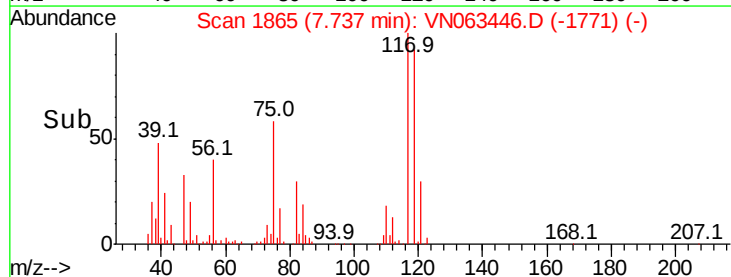
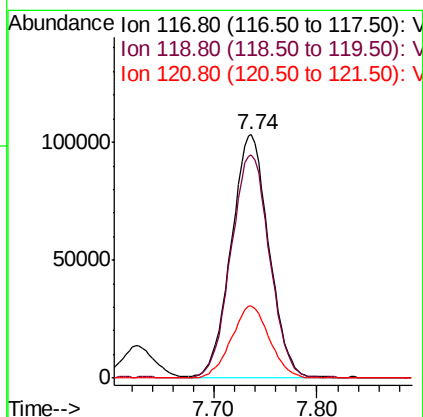
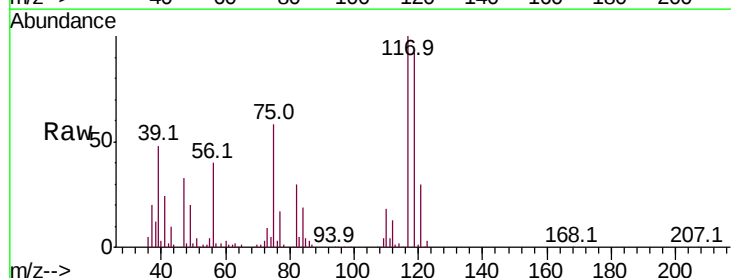
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

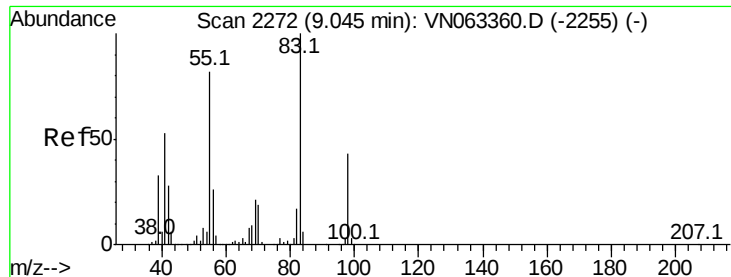
Tot Ion: 43 Resp: 243136
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 46.651 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 117 Resp: 261930
Ion Ratio Lower Upper
117 100
119 91.5 74.5 111.7
121 29.6 24.1 36.1

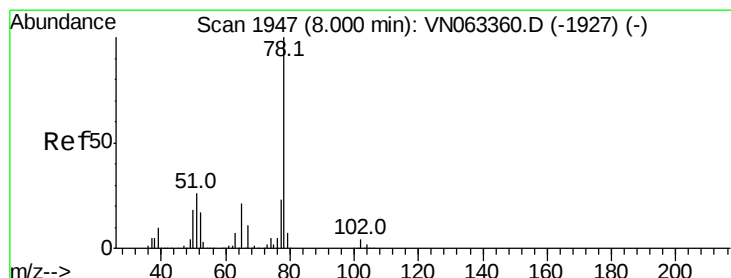
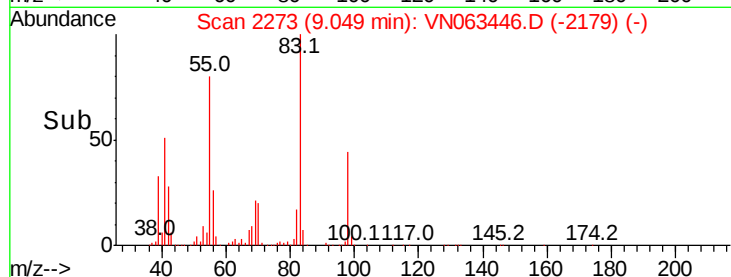
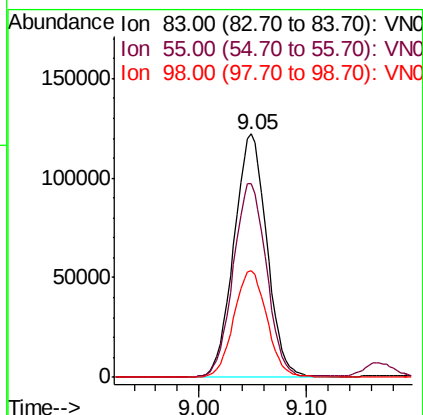
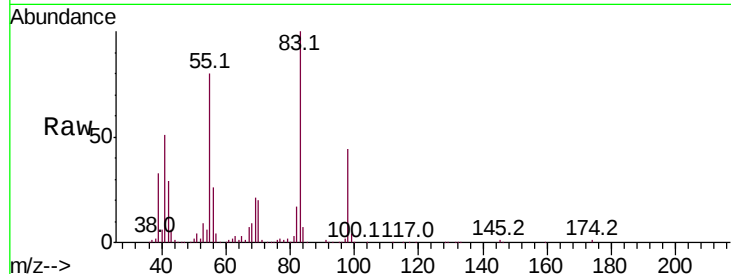




#39
Methvlcvclohexane
Concen: 43.147 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

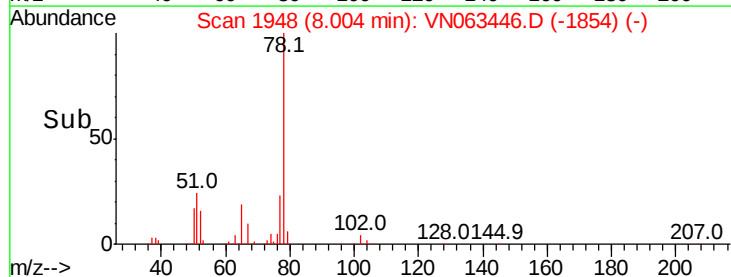
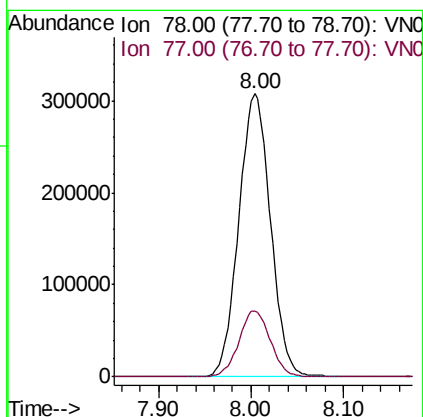
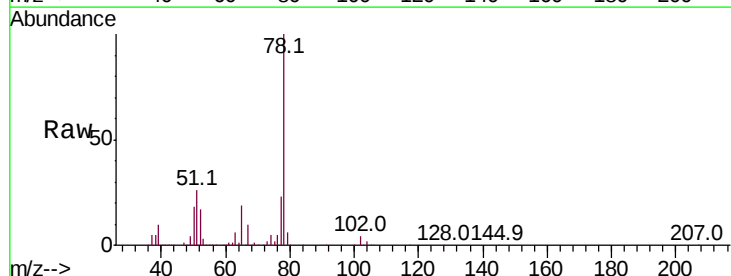
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

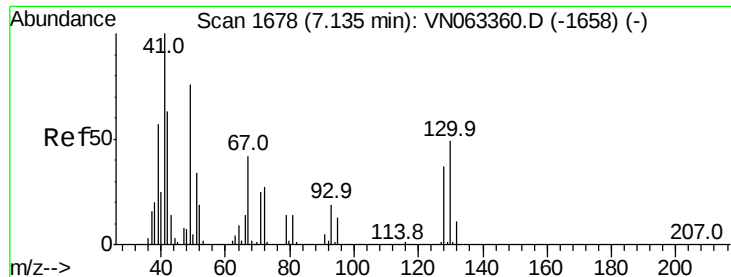
Tot Ion	83	Resp	257566
Ion Ratio	Lower	Upper	
83	100		
55	79.5	65.5	98.3
98	44.0	34.2	51.4



#40
Benzene
Concen: 46.513 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	78	Resp	730306
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.3	27.5

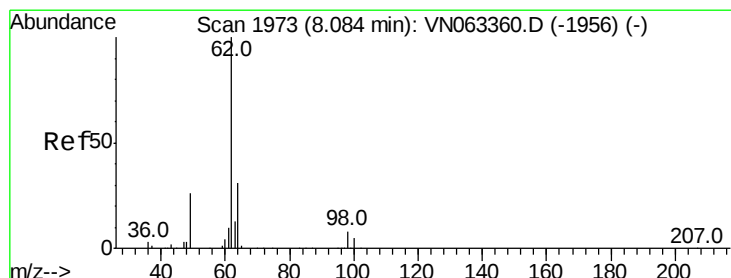
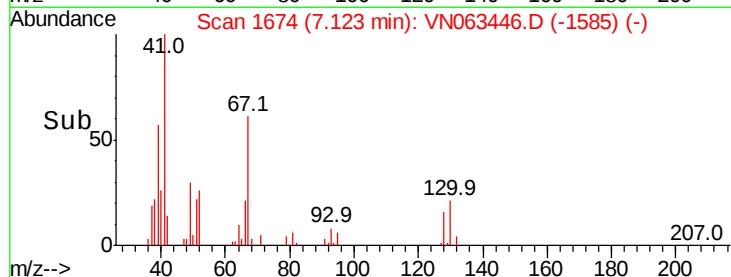
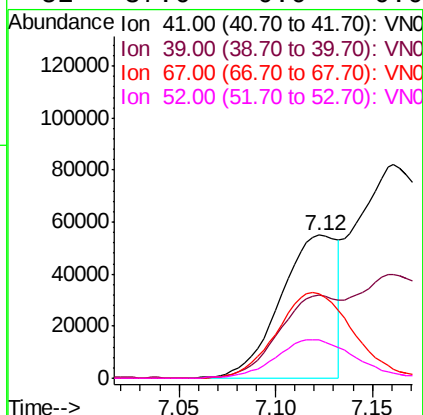
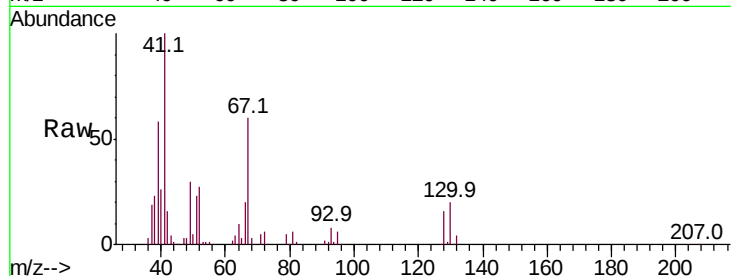




#41
Methacrylonitrile
Concen: 46.067 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

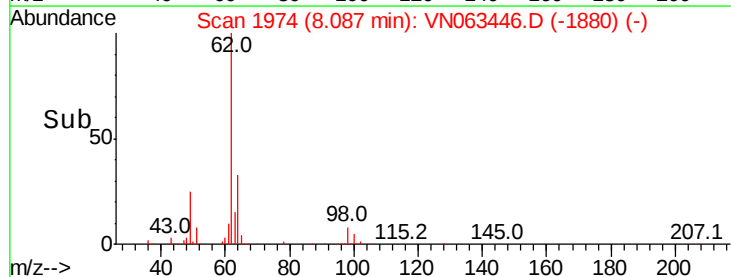
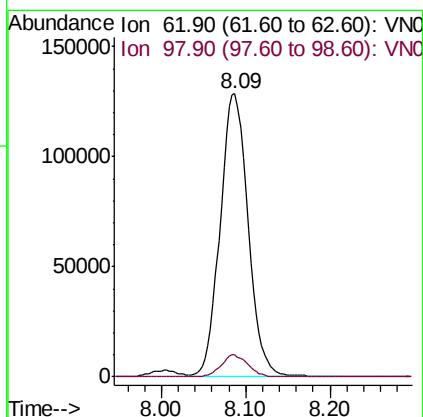
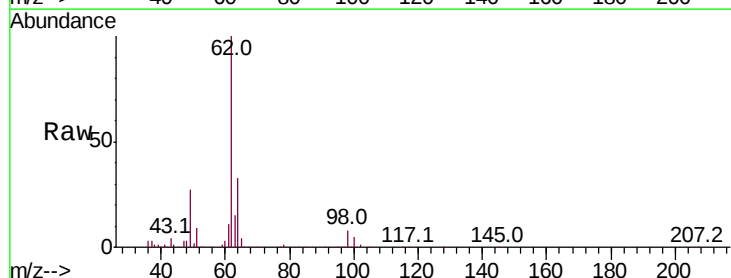
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

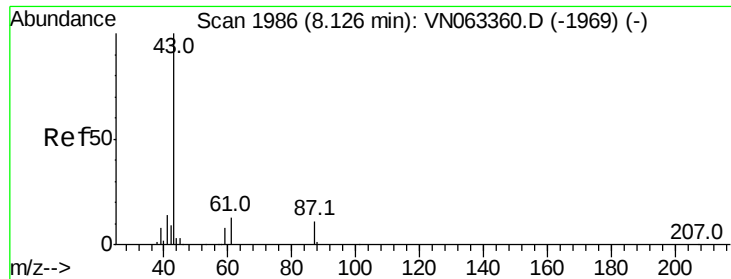
Tot Ion:	41	Resp:	111846
Ion	Ratio	Lower	Upper
41	100		
39	59.3	0.0	0.0#
67	81.6	0.0	0.0#
52	37.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 47.047 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion:	62	Resp:	297061
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.6





#43

Isopropyl Acetate

Concen: 44.630 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

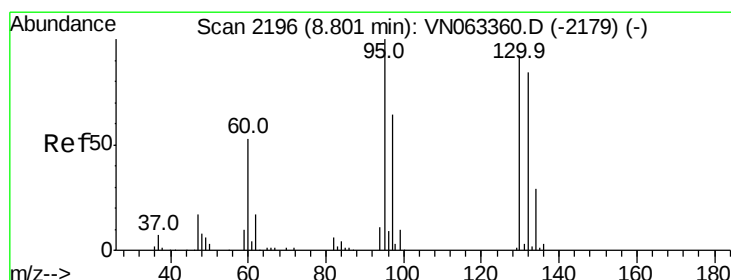
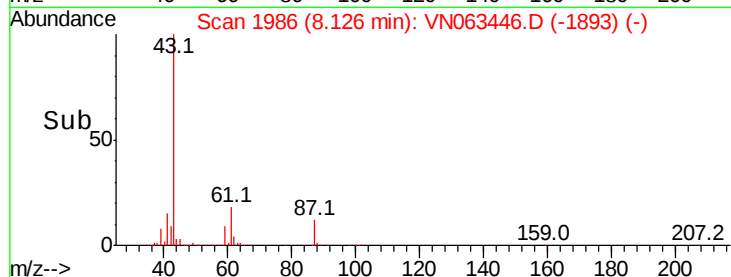
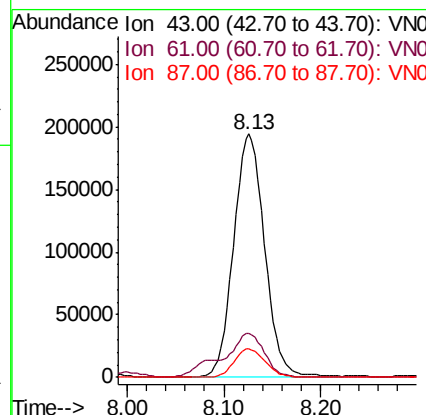
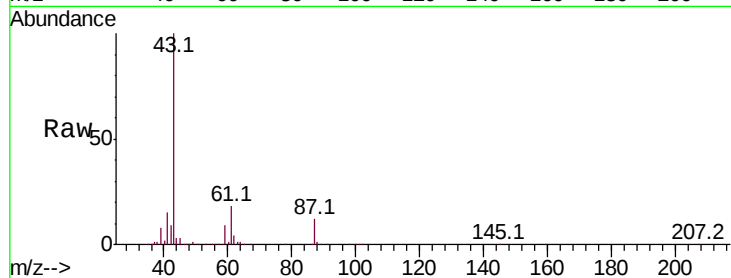
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 430791

Ion	Ratio	Lower	Upper
43	100		
61	24.4	14.2	21.2#
87	11.8	9.0	13.6



#44

Trichloroethene

Concen: 47.761 ug/l

RT: 8.80 min Scan# 2196

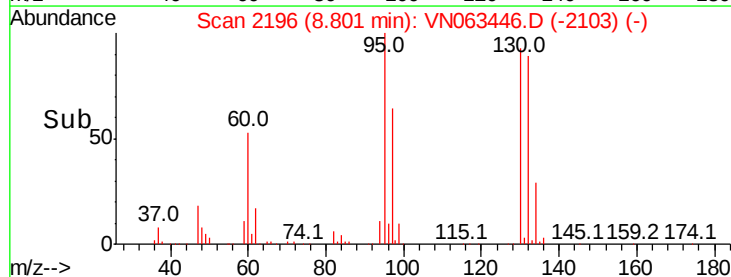
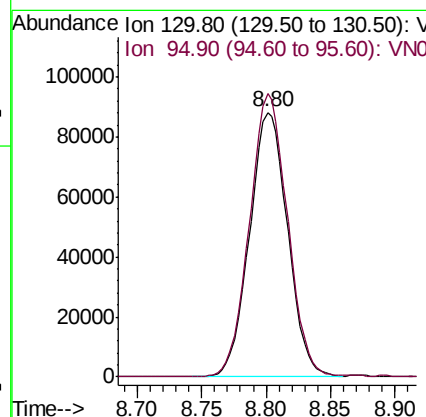
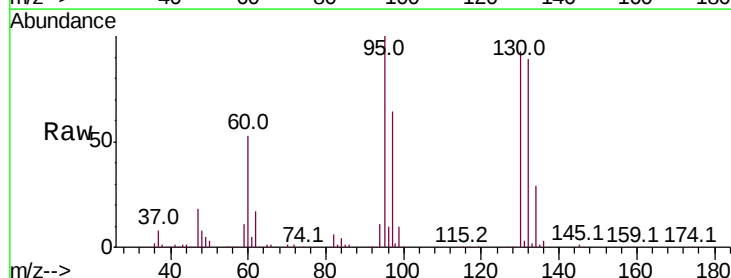
Delta R.T. -0.00 min

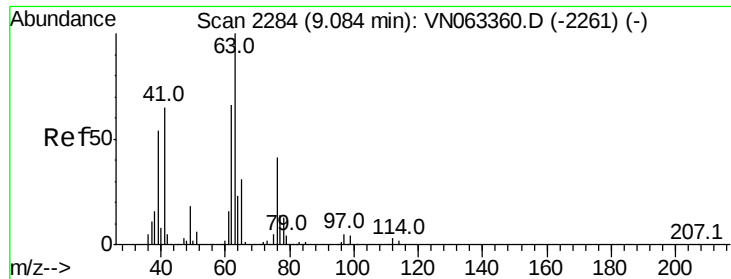
Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion: 130 Resp: 181885

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	217.4

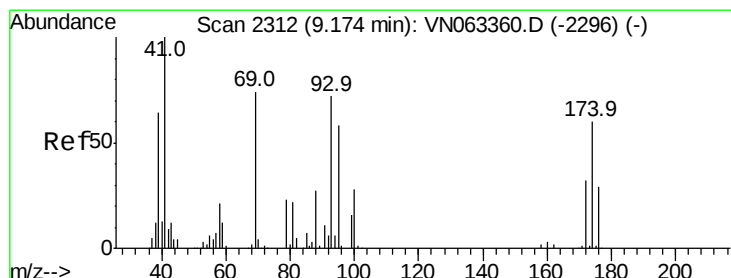
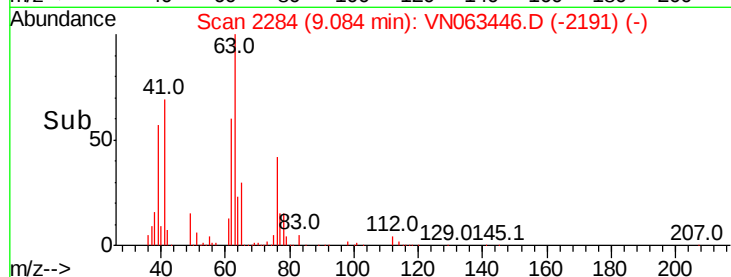
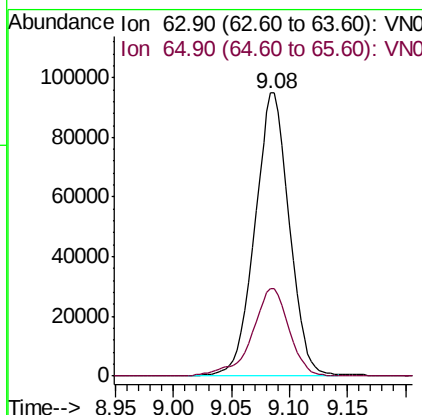
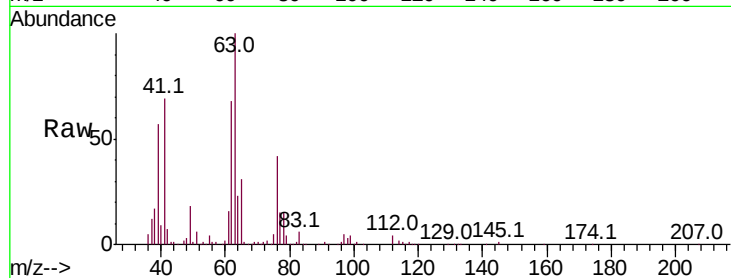




#45
 1,2-Dichloropropane
 Concen: 45.814 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

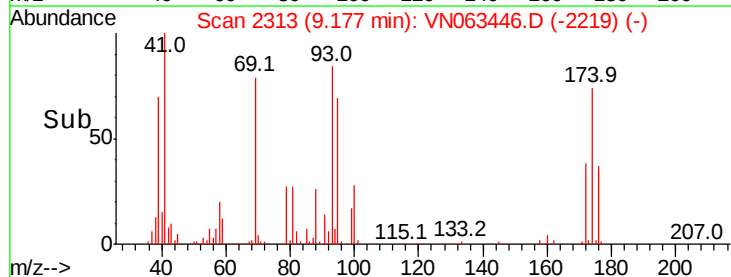
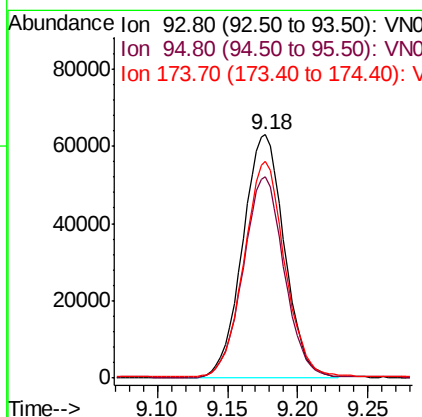
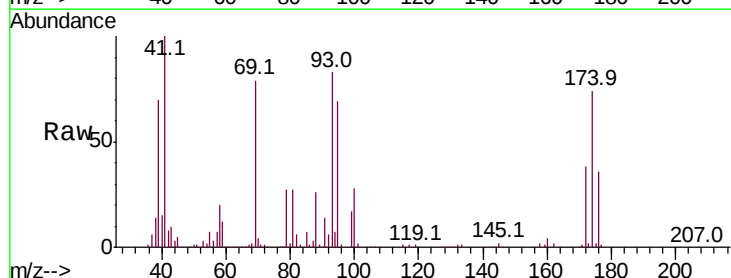
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

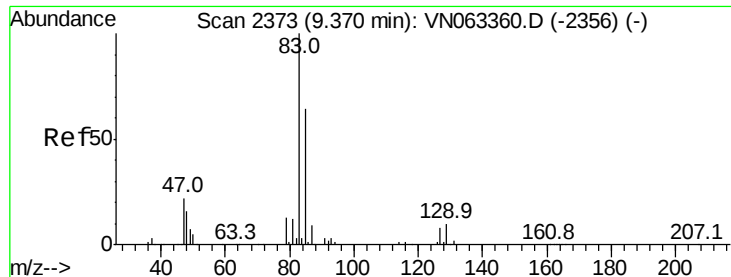
Tot Ion: 63 Resp: 195915
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.6



#46
 Dibromomethane
 Concen: 46.478 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion: 93 Resp: 130633
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.6 98.4
 174 86.6 68.1 102.1





#47

Bromodichloromethane

Concen: 46.872 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

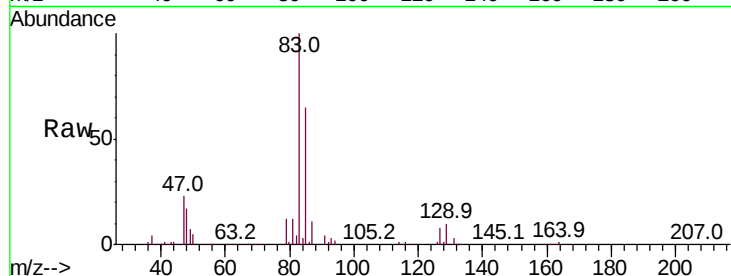
Tot Ion: 83 Resp: 273683

Ion Ratio Lower Upper

83 100

85 65.4 51.0 76.6

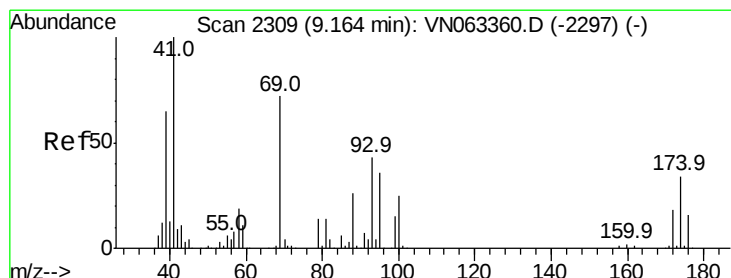
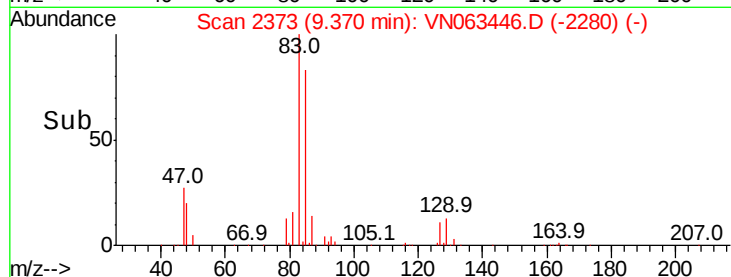
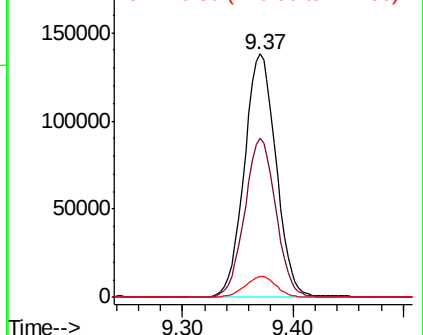
127 8.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 44.484 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

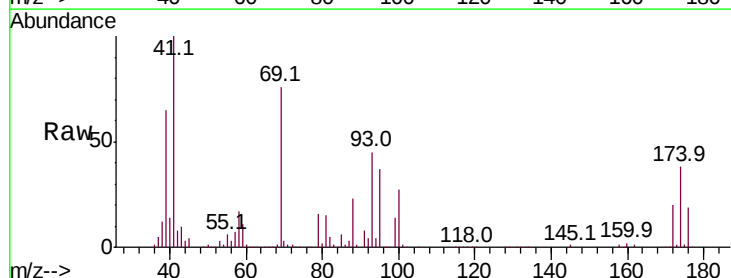
Tgt Ion: 41 Resp: 210960

Ion Ratio Lower Upper

41 100

69 77.9 59.3 88.9

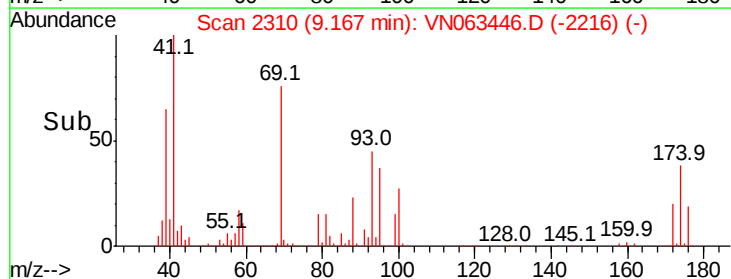
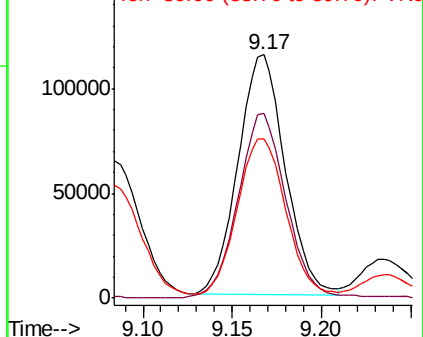
39 68.8 52.9 79.3

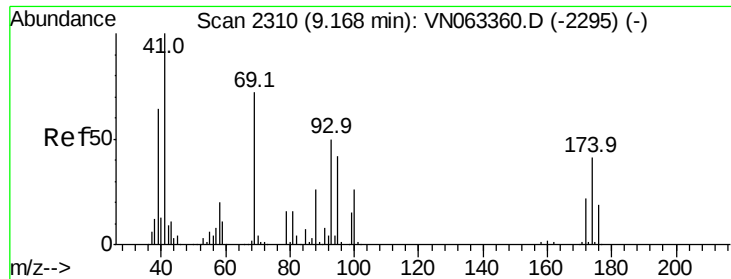


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

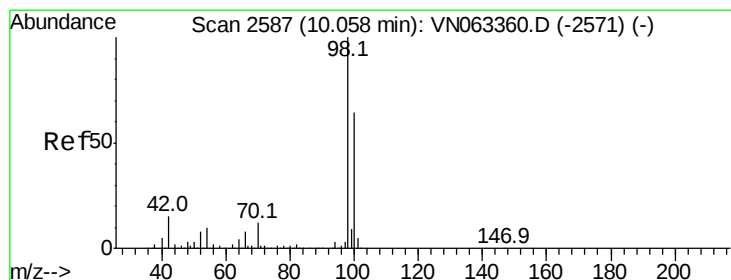
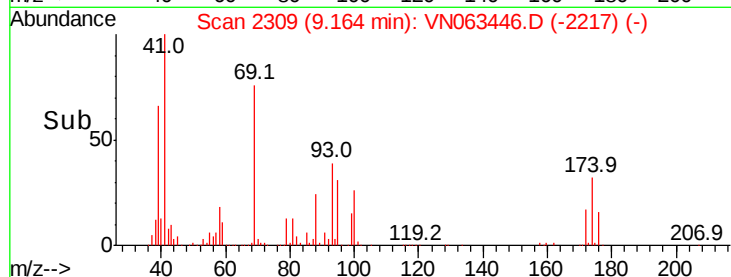
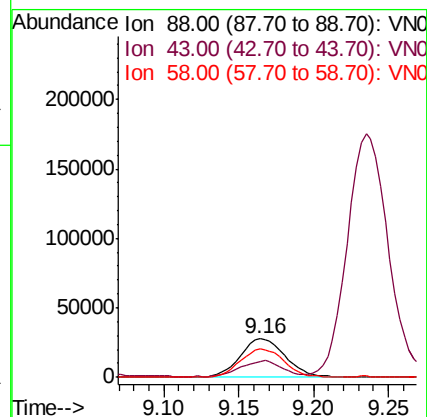
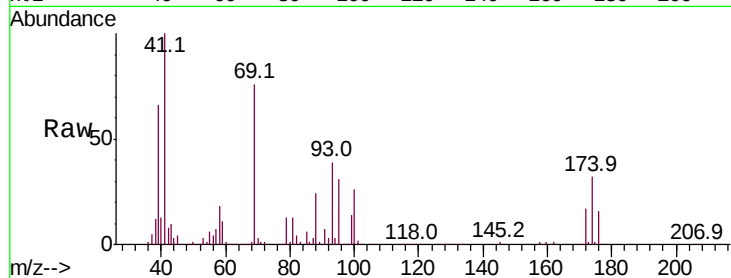




#49
1,4-Dioxane
Concen: 858.060 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

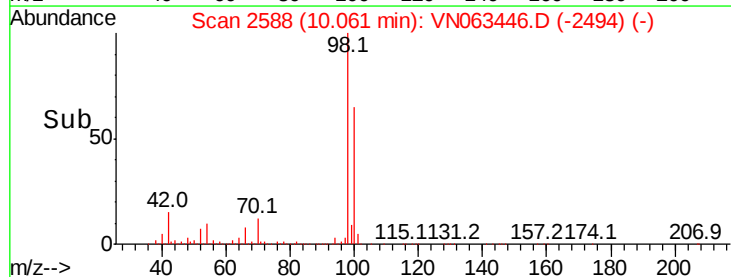
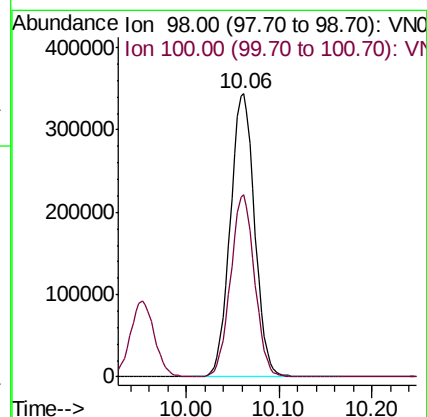
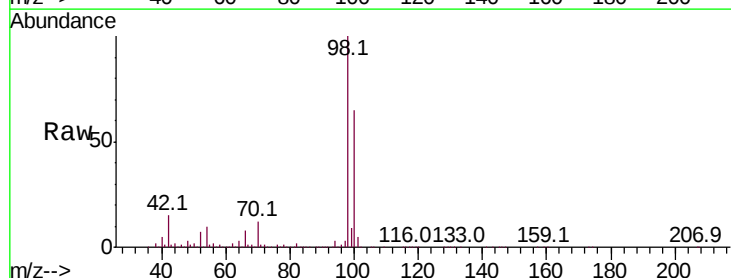
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

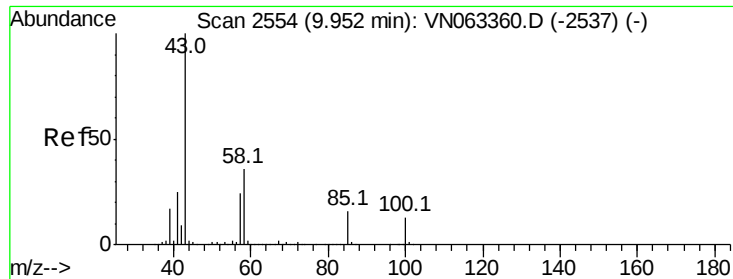
Tot Ion: 88 Resp: 58396
Ion Ratio Lower Upper
88 100
43 37.3 32.6 49.0
58 71.9 60.0 90.0



#50
Toluene-d8
Concen: 46.779 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 98 Resp: 628678
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 231.186 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

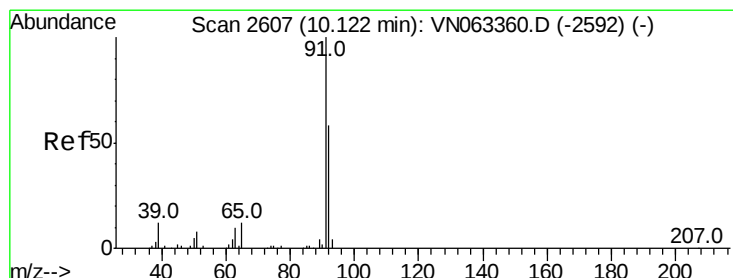
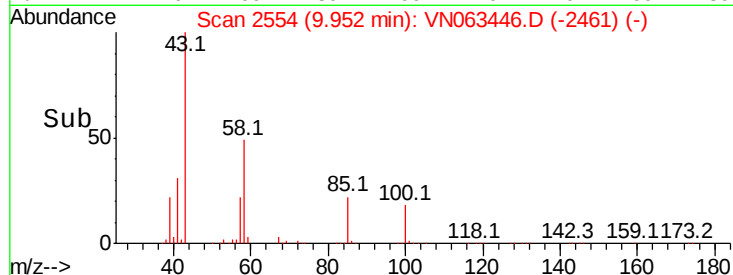
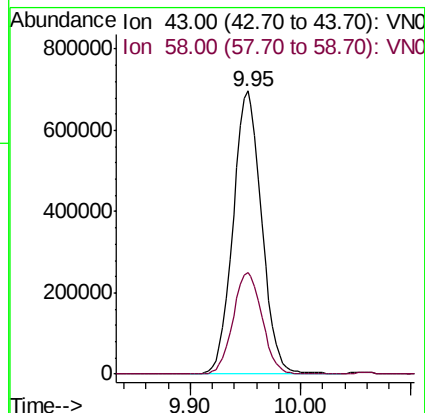
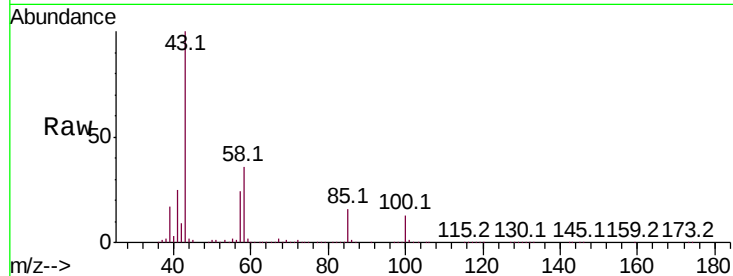
VSTDCCC050EC

Tot Ion: 43 Resp: 1249293

Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6



#52

Toluene

Concen: 48.612 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063446.D

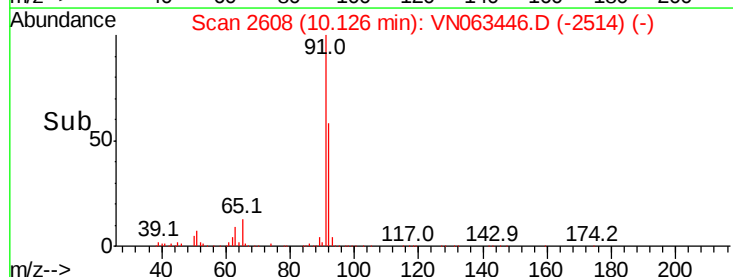
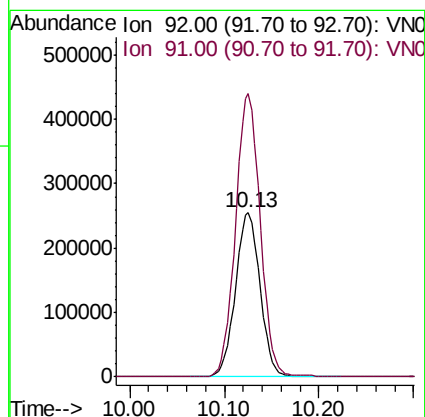
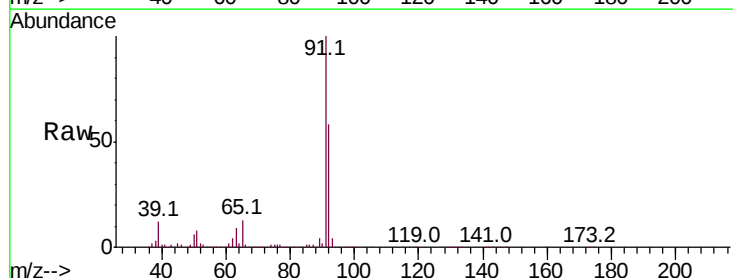
Acq: 18 Sep 2020 2:45

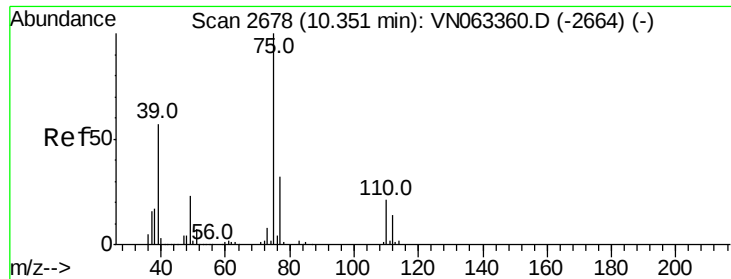
Tgt Ion: 92 Resp: 458897

Ion Ratio Lower Upper

92 100

91 173.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 45.082 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

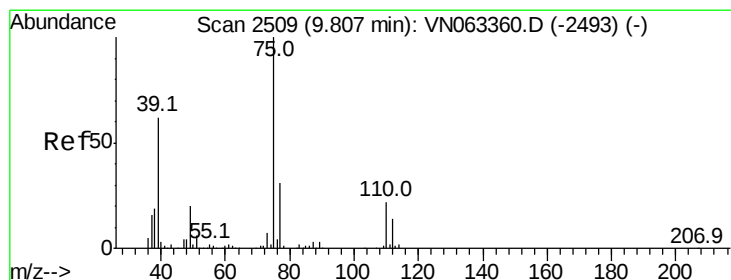
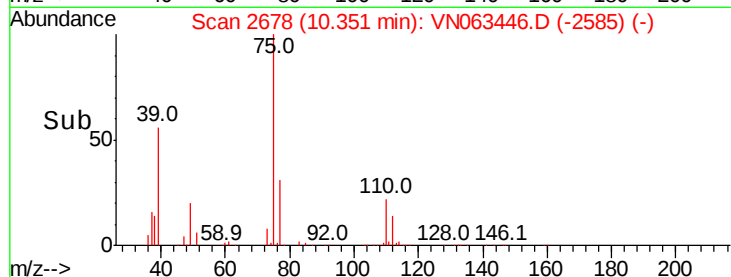
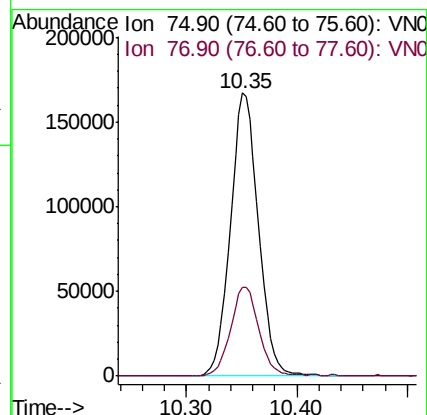
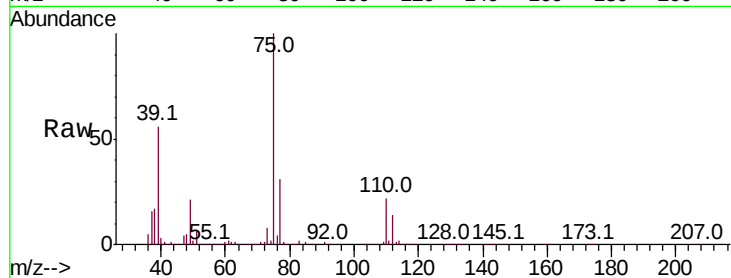
VSTDCCC050EC

Tot Ion: 75 Resp: 293869

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 44.723 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

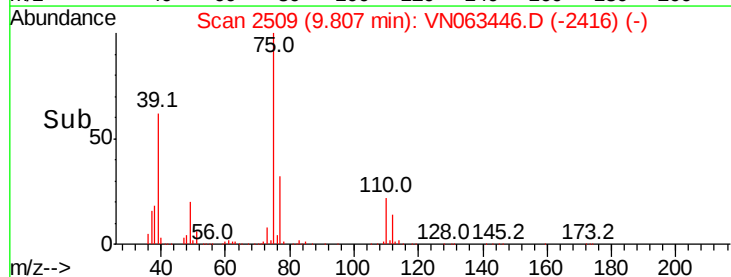
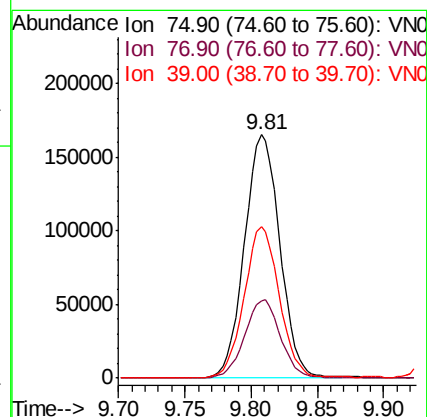
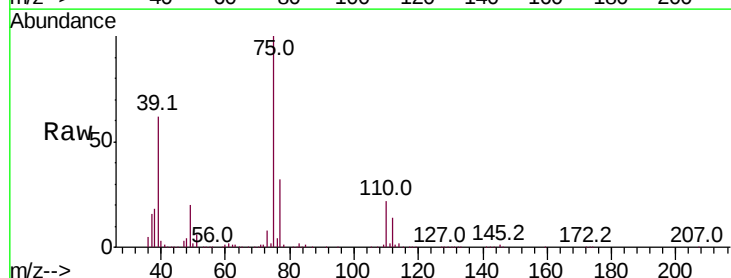
Tgt Ion: 75 Resp: 307504

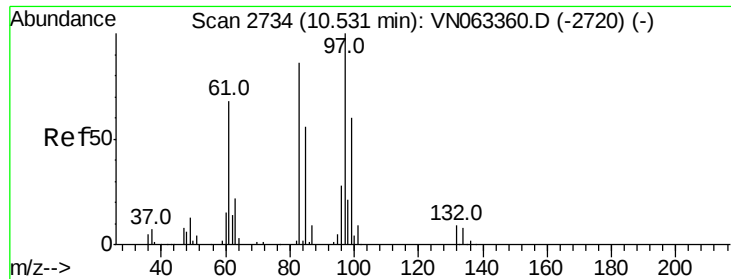
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 61.9 49.8 74.8

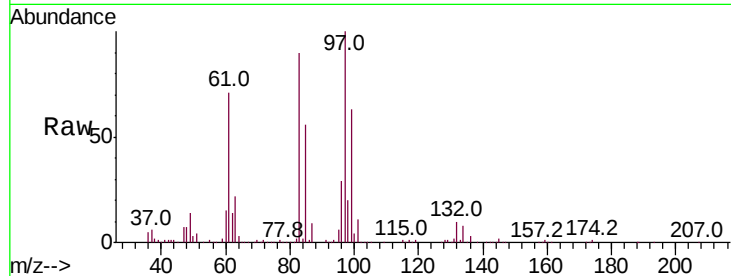




#55
 1,1,2-Trichloroethane
 Concen: 48.195 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	180714
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.9	103.3
85	55.5	44.8	67.2
99	62.6	47.8	71.8



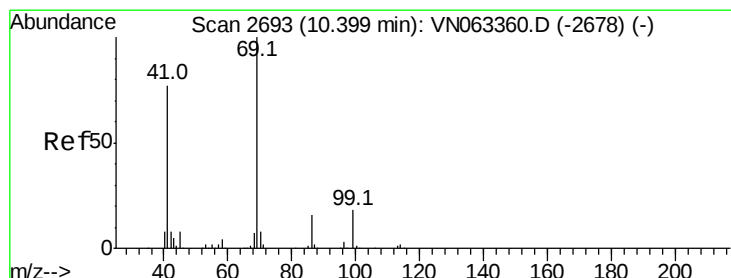
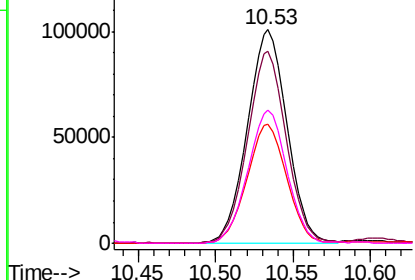
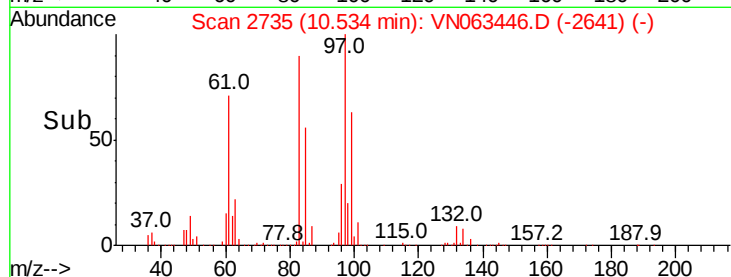
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

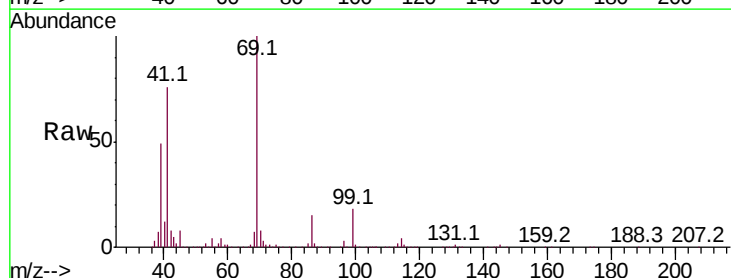
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 47.930 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion:	69	Resp:	280564
Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.0	91.6
39	49.4	39.2	58.8

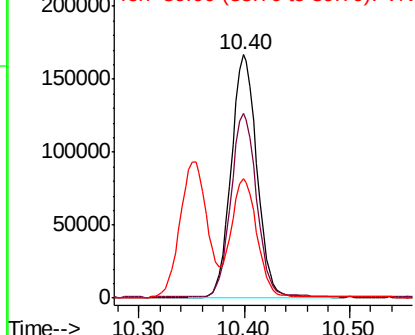
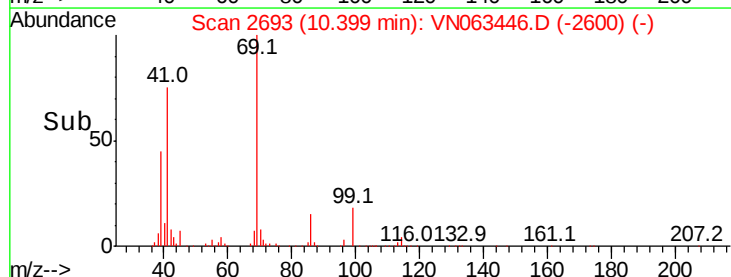


Abundance

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: 46.675 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

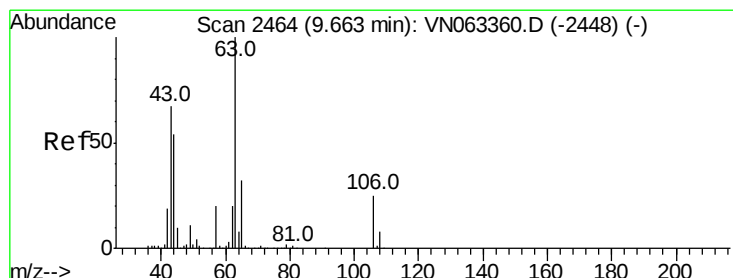
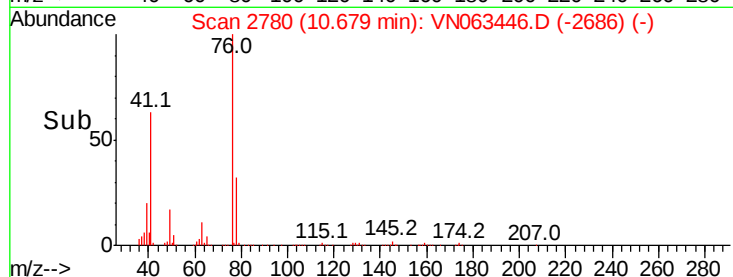
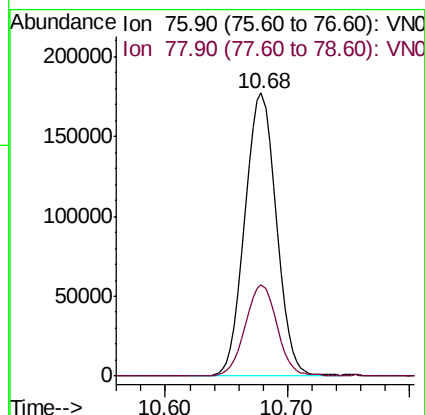
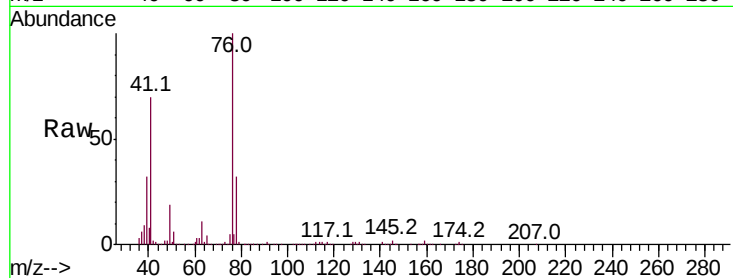
VSTDCCC050EC

Tot Ion: 76 Resp: 315607

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 235.012 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063446.D

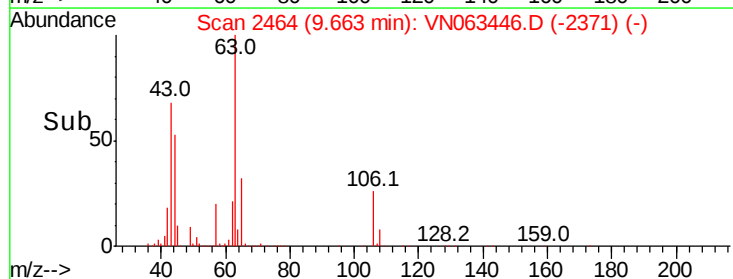
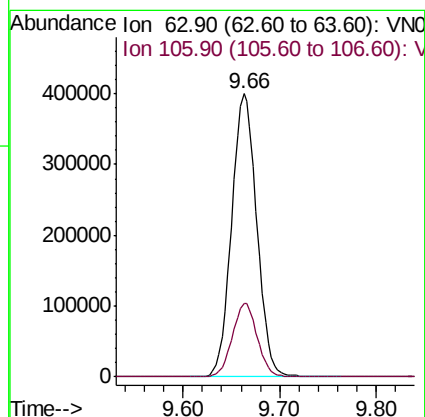
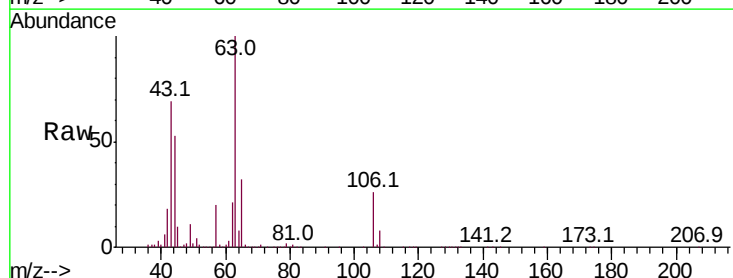
Acq: 18 Sep 2020 2:45

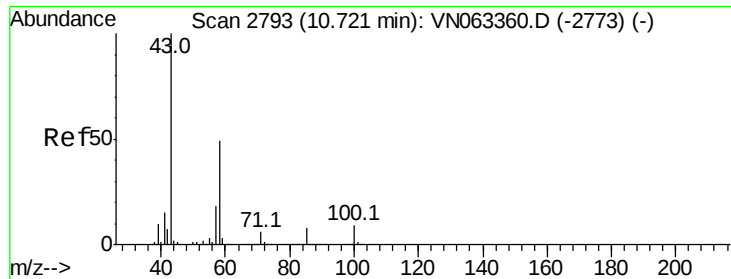
Tgt Ion: 63 Resp: 721647

Ion Ratio Lower Upper

63 100

106 25.7 19.5 29.3

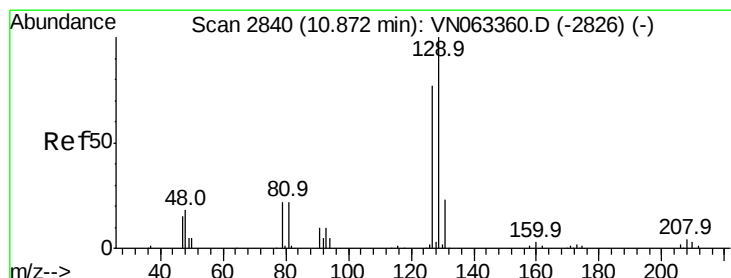
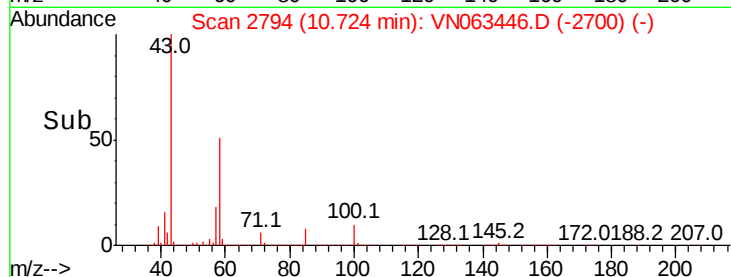
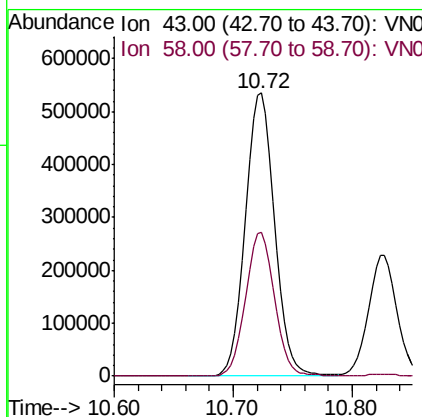
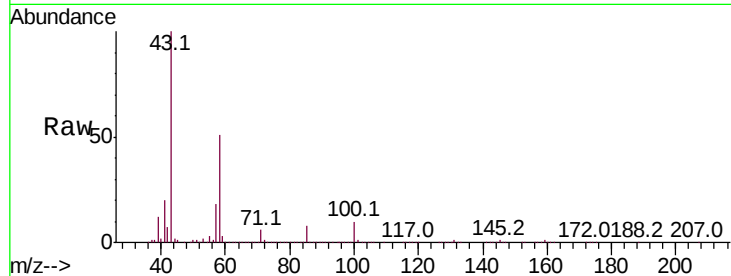




#59
2-Hexanone
Concen: 232.234 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

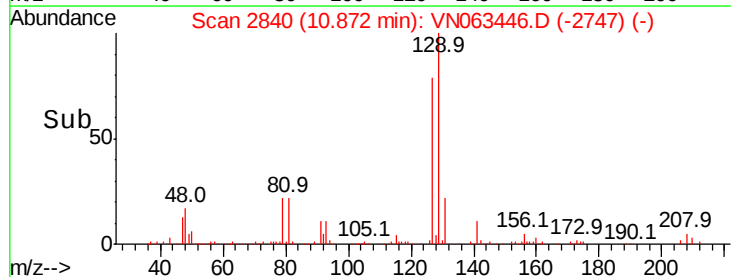
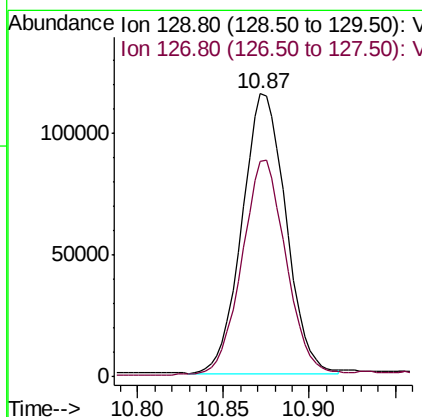
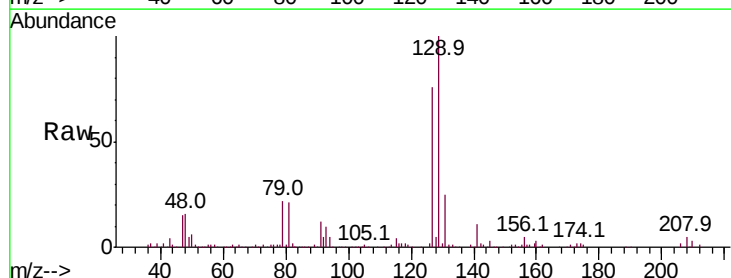
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

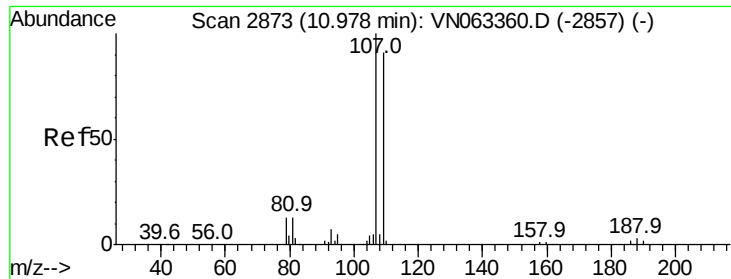
Tot Ion: 43 Resp: 909179
Ion Ratio Lower Upper
43 100
58 50.7 24.7 74.1



#60
Dibromochloromethane
Concen: 47.813 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 129 Resp: 202538
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 48.904 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

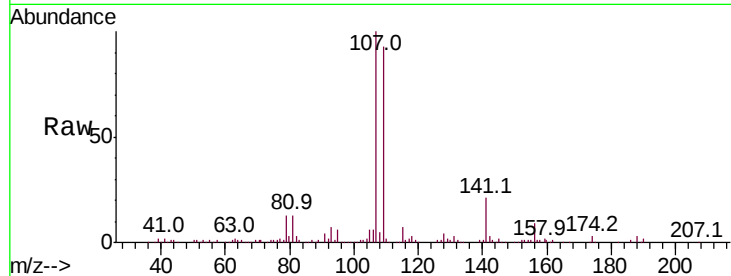
VSTDCCC050EC

Tot Ion:107 Resp: 190509

Ion Ratio Lower Upper

107 100

109 94.0 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

120000

100000

80000

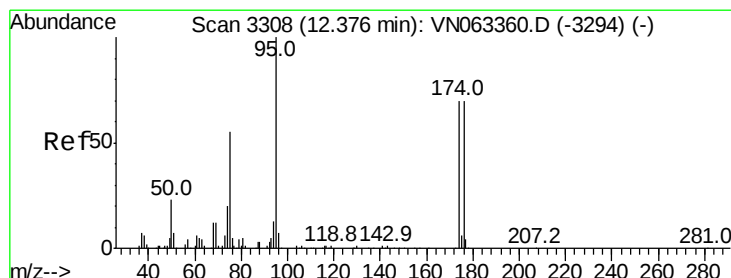
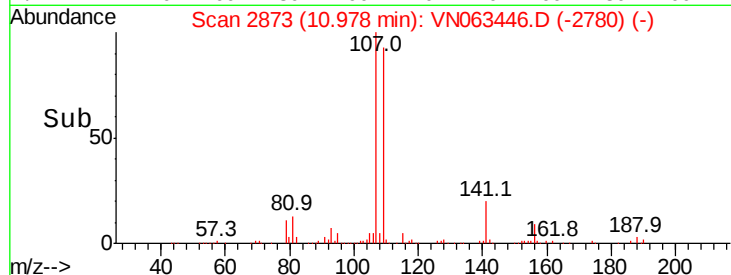
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.482 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

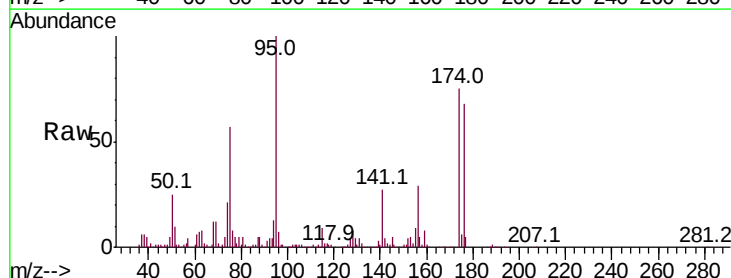
Tgt Ion: 95 Resp: 243778

Ion Ratio Lower Upper

95 100

174 72.6 0.0 140.8

176 69.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

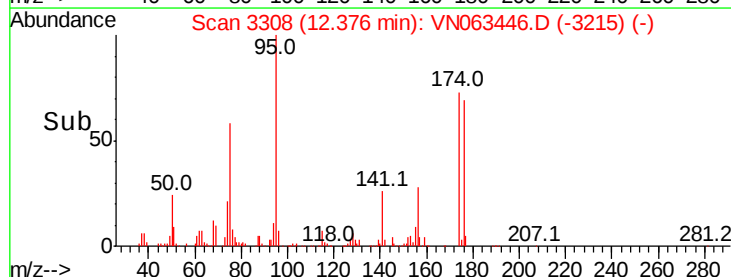
150000

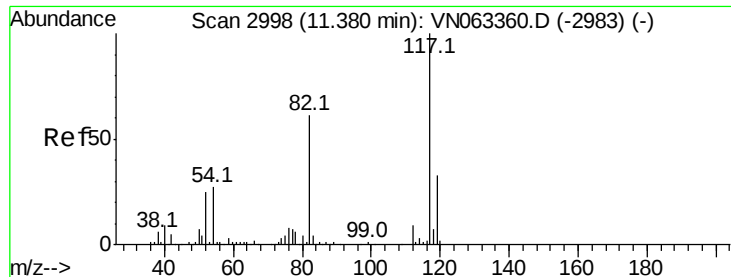
100000

50000

0

Time-->

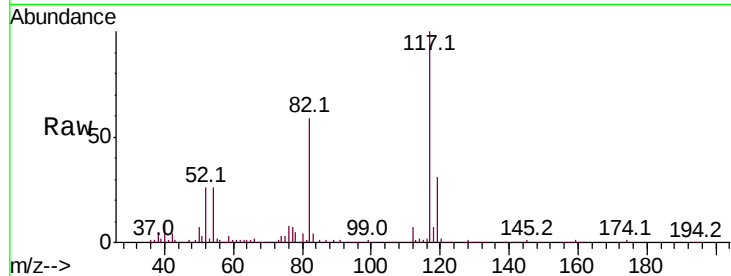




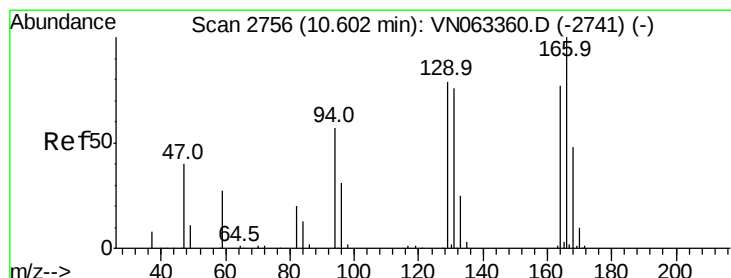
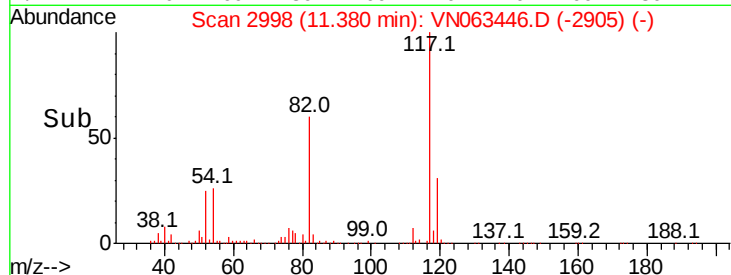
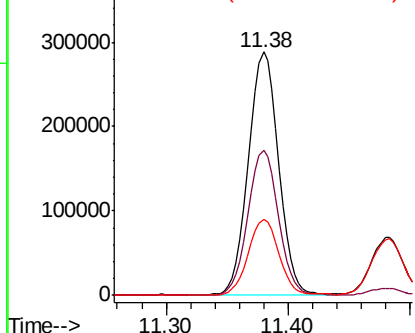
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 488130
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 31.1 26.2 39.4

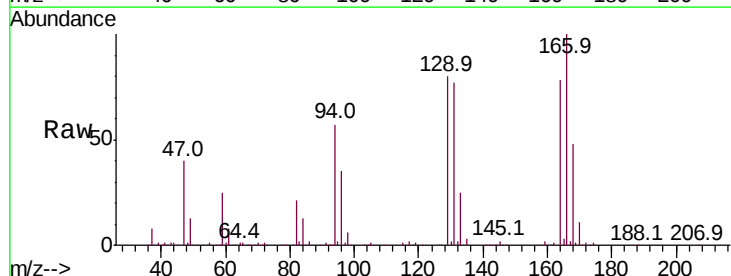


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

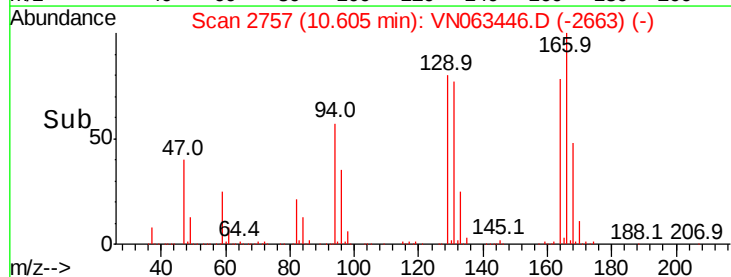
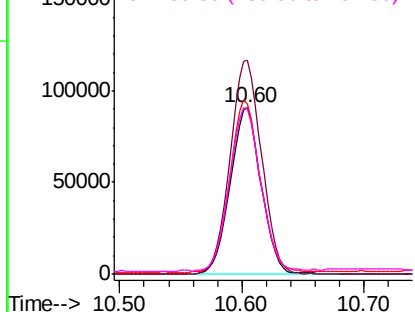


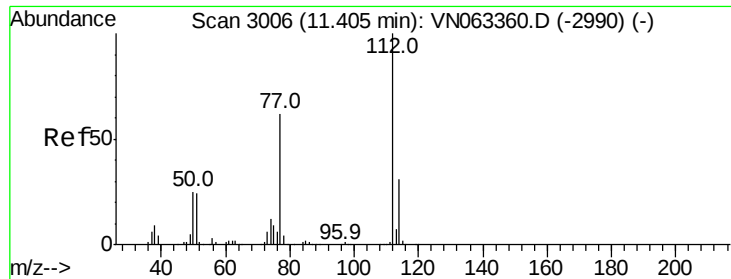
#64
Tetrachloroethene
Concen: 47.940 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion:164 Resp: 159343
Ion Ratio Lower Upper
164 100
166 128.6 103.4 155.0
129 101.7 81.8 122.6
131 97.4 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

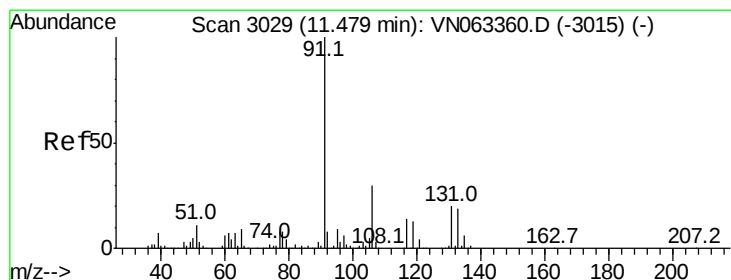
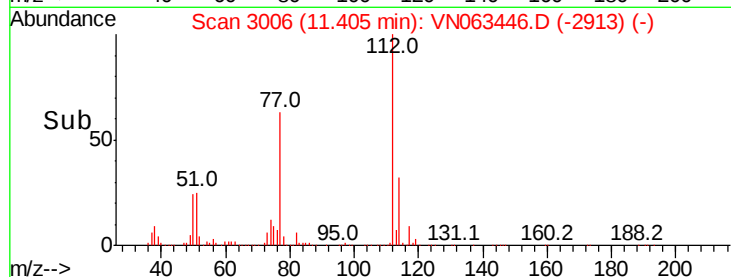
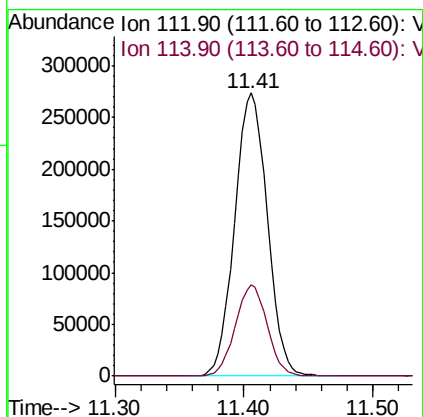
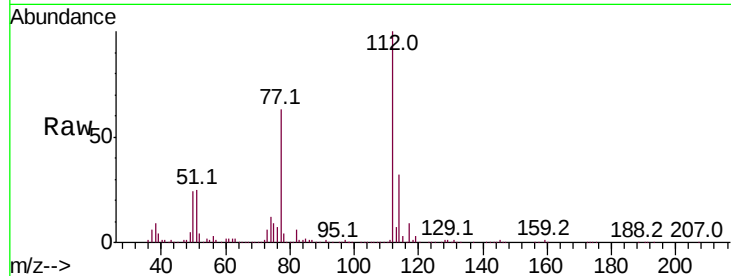




#65
Chlorobenzene
Concen: 46.556 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

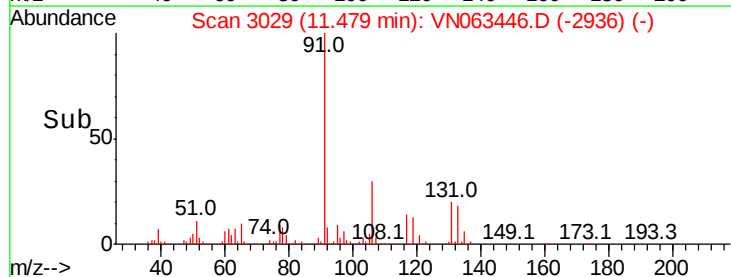
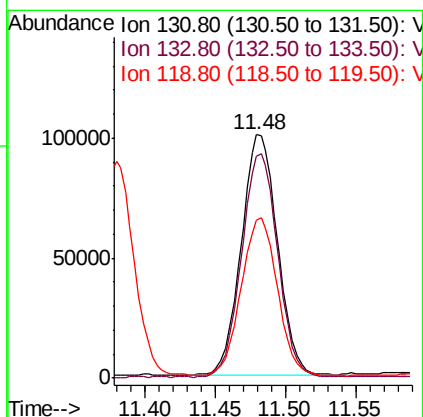
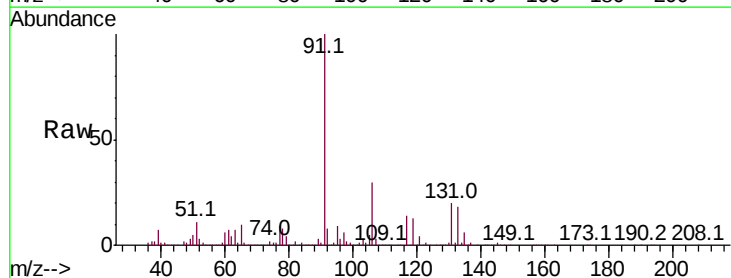
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

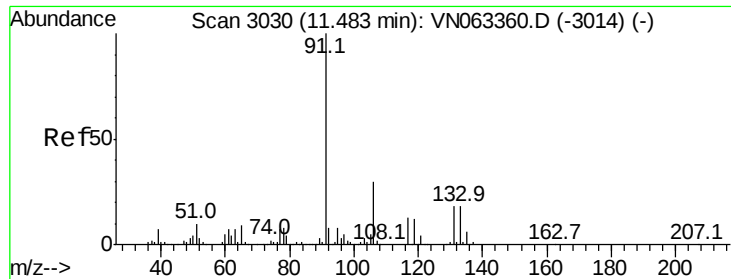
Tot Ion:112 Resp: 482396
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.340 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion:131 Resp: 179806
Ion Ratio Lower Upper
131 100
133 92.9 47.3 141.9
119 66.3 33.6 100.8





#67

Ethyl Benzene

Concen: 46.848 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

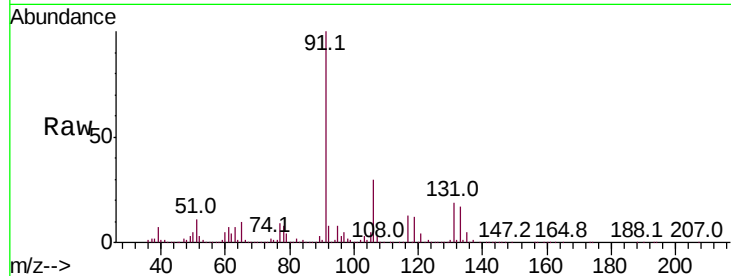
VSTDCCC050EC

Tot Ion: 91 Resp: 914134

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN063360.D (-3014) (-)

800000

600000

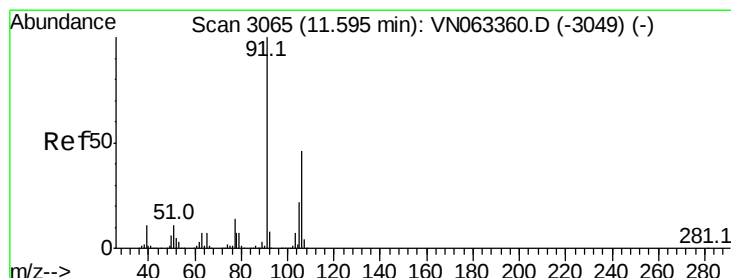
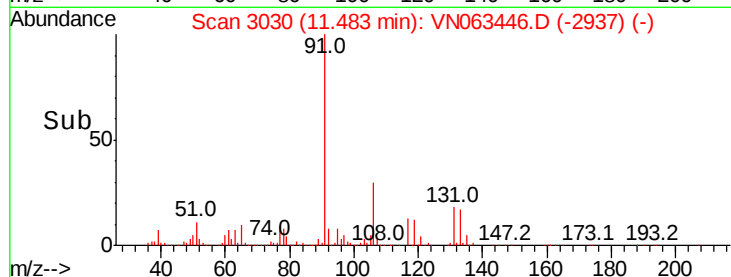
400000

200000

0

11.40 11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 95.806 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063446.D

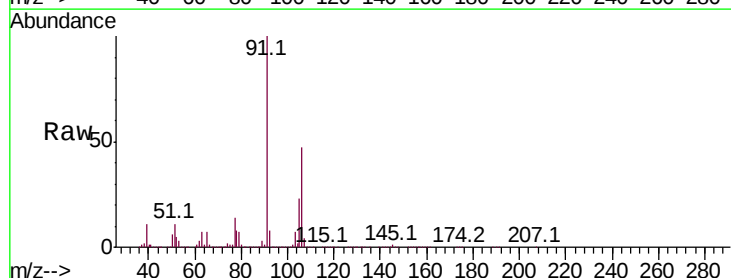
Acq: 18 Sep 2020 2:45

Tgt Ion: 106 Resp: 674033

Ion Ratio Lower Upper

106 100

91 210.0 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): VN063360.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-3049) (-)

800000

600000

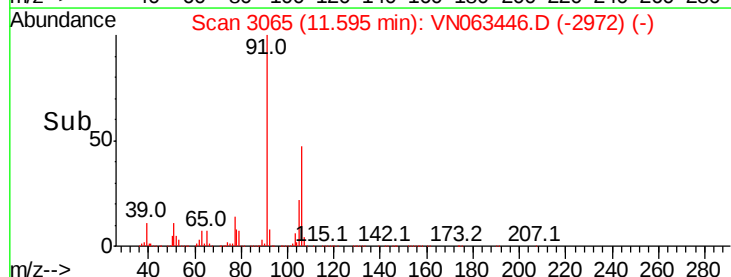
400000

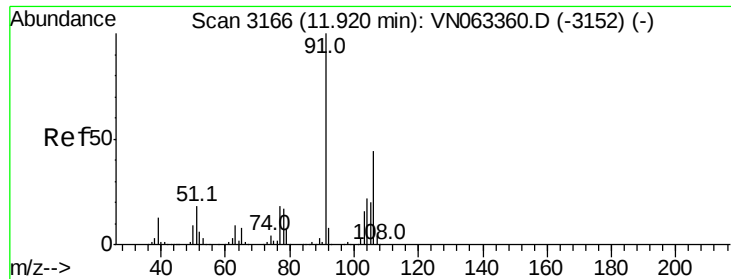
200000

0

11.50 11.60 11.70

Time-->

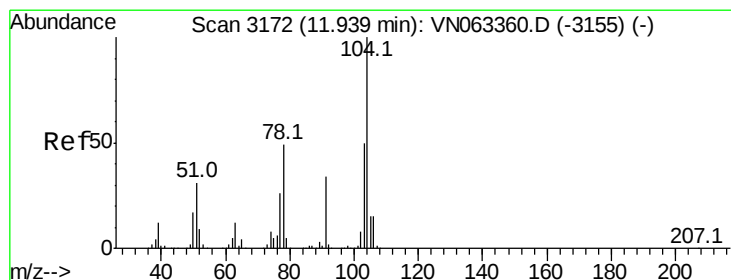
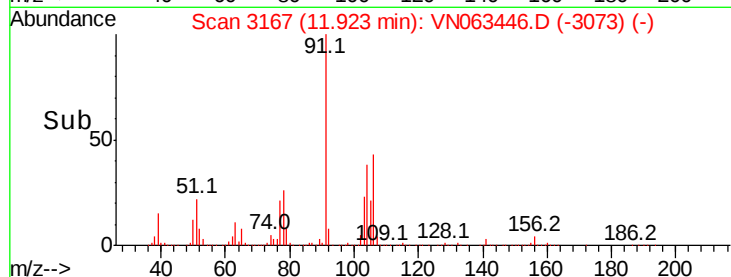
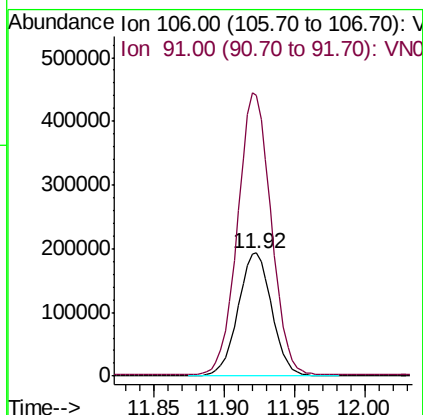
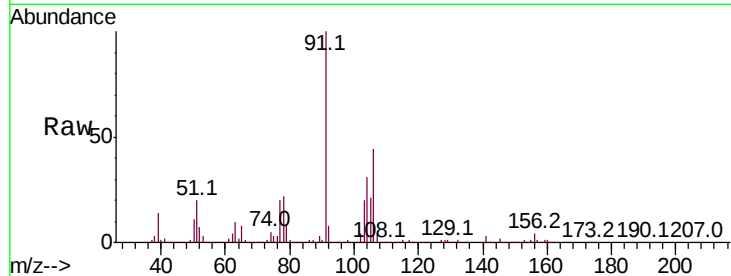




#69
o-Xylene
Concen: 47.964 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

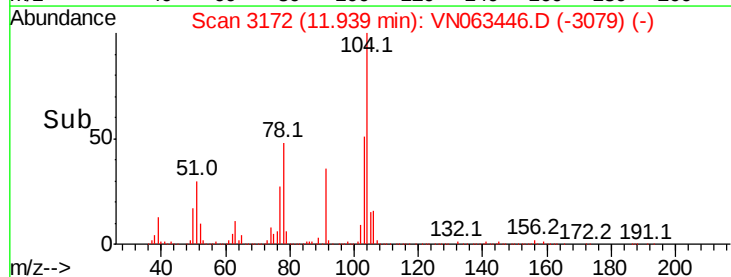
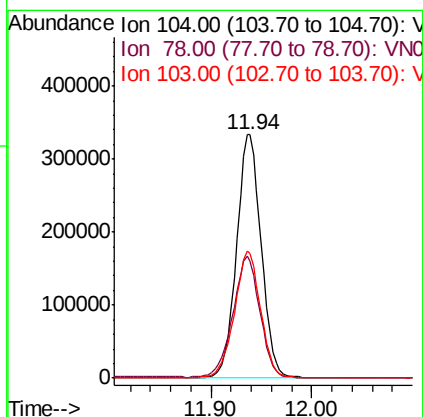
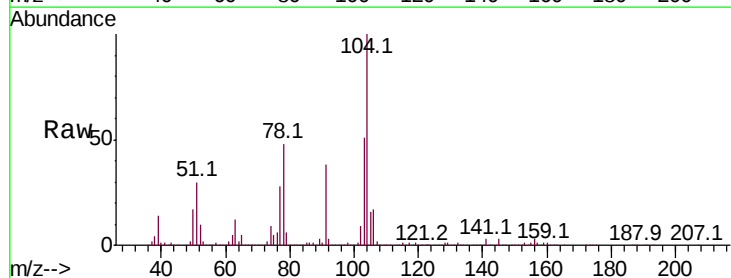
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

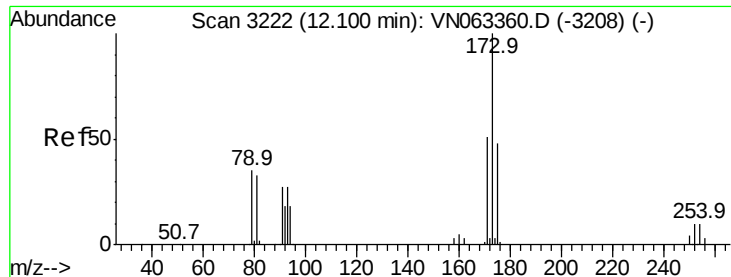
Tot Ion:106 Resp: 321450
Ion Ratio Lower Upper
106 100
91 227.6 113.6 340.8



#70
Styrene
Concen: 49.979 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion:104 Resp: 561712
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 55.3 43.7 65.5





#71

Bromoform

Concen: 45.270 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

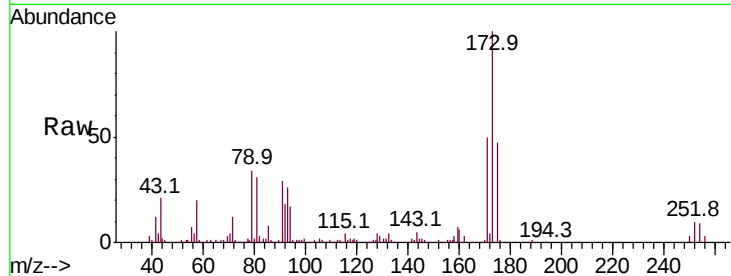
Tot Ion:173 Resp: 128093

Ion Ratio Lower Upper

173 100

175 50.5 24.0 72.0

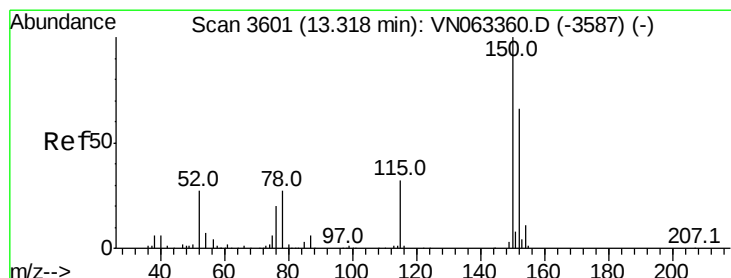
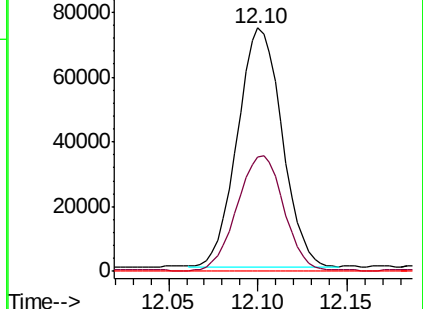
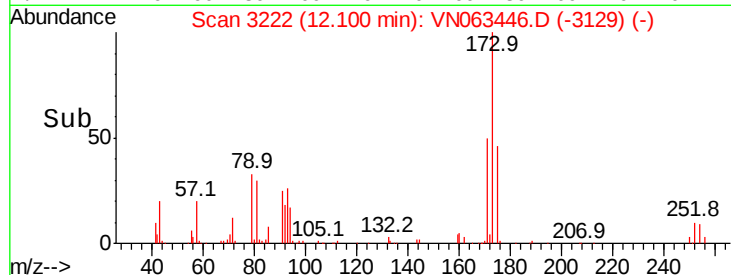
254 0.0 0.0 0.0#



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: VN063446.D

Acq: 18 Sep 2020 2:45

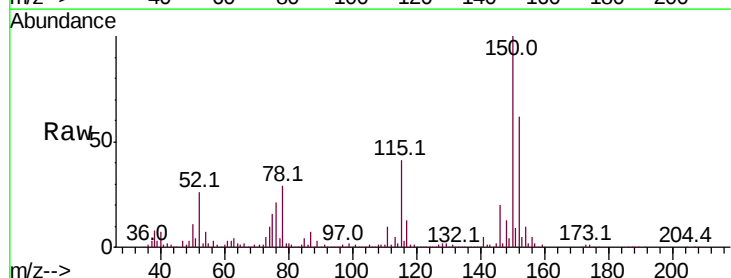
Tgt Ion:152 Resp: 236729

Ion Ratio Lower Upper

152 100

115 66.3 32.2 96.6

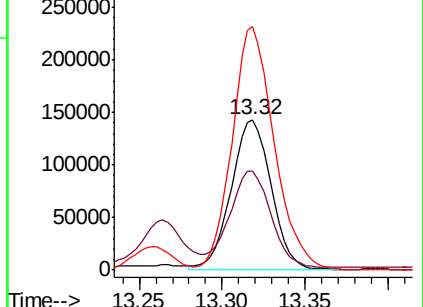
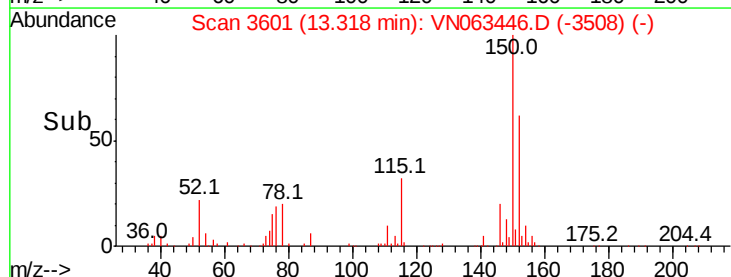
150 172.1 0.0 343.4

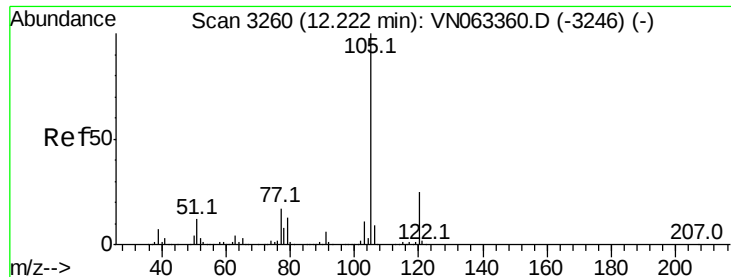


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.200 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

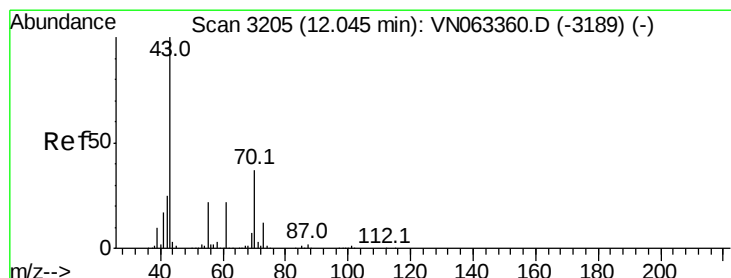
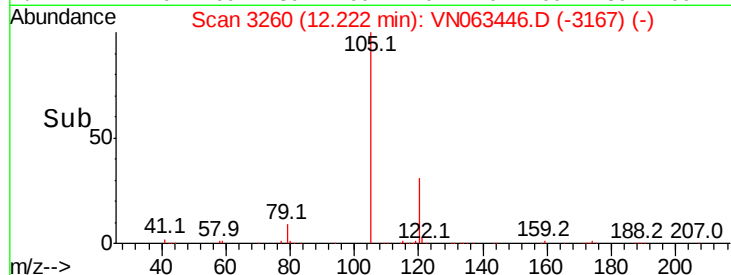
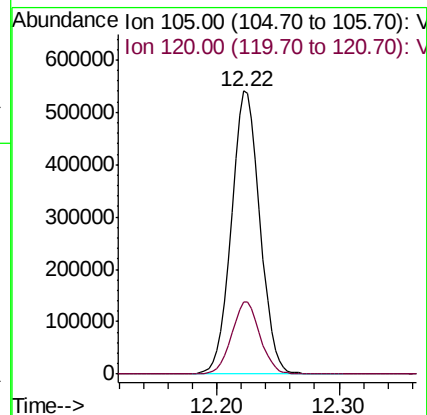
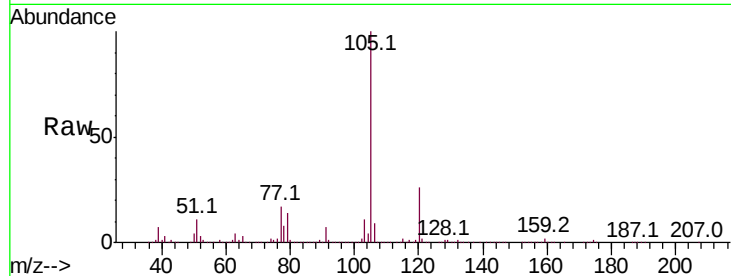
VSTDCCC050EC

Tot Ion:105 Resp: 876424

Ion Ratio Lower Upper

105 100

120 25.7 12.7 38.0



#74

N-ethyl acetate

Concen: 52.670 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion: 43 Resp: 472967

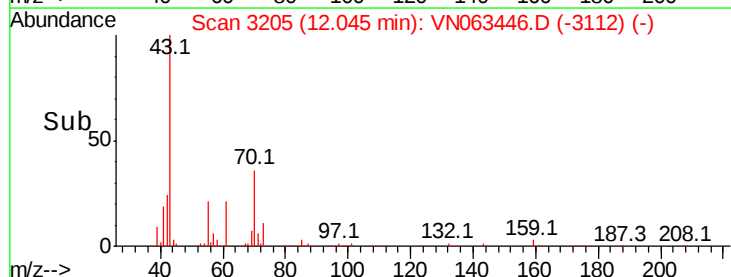
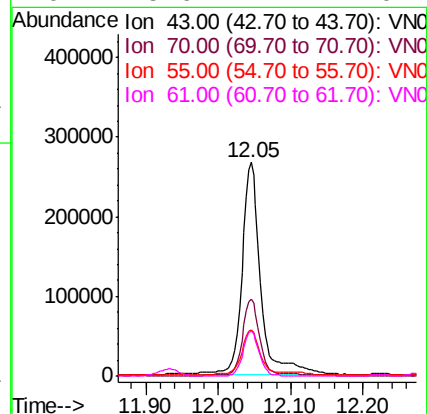
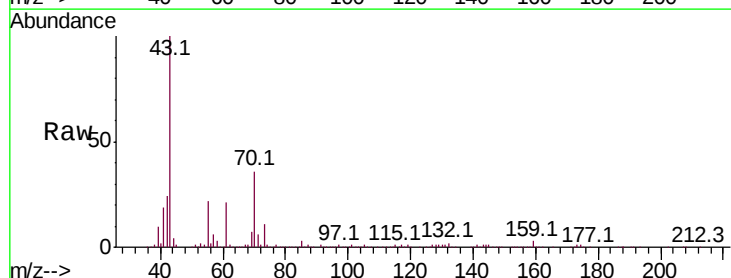
Ion Ratio Lower Upper

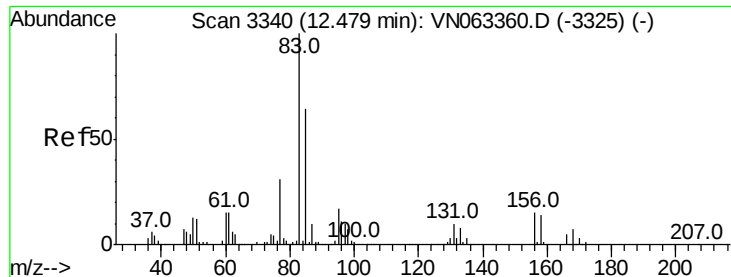
43 100

70 33.6 29.6 44.4

55 19.5 17.7 26.5

61 18.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.705 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

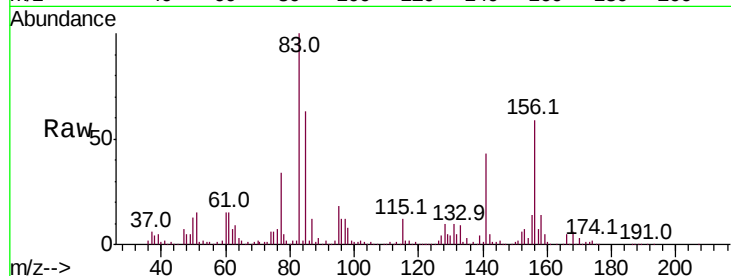
Tot Ion: 83 Resp: 262586

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

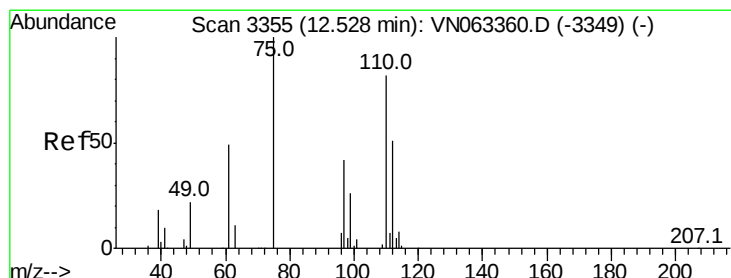
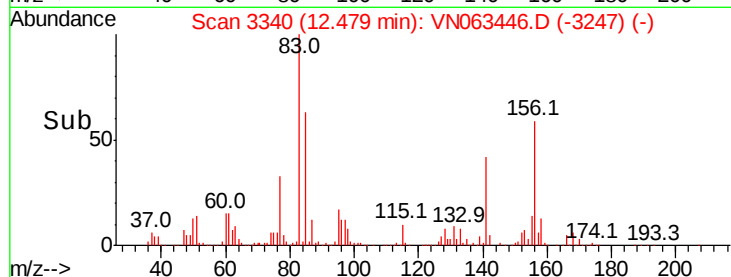
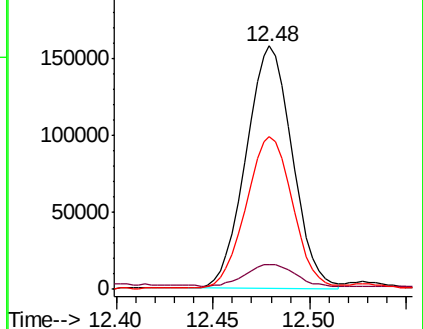
85 62.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 59.386 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063446.D

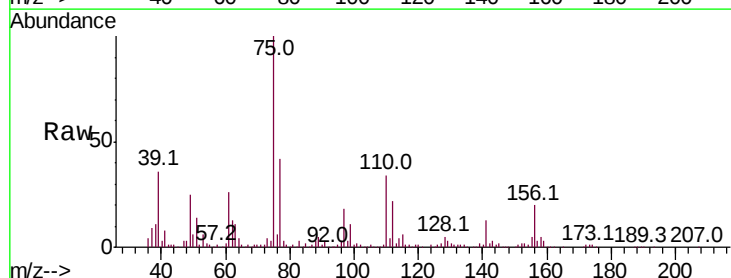
Acq: 18 Sep 2020 2:45

Tgt Ion: 75 Resp: 347965

Ion Ratio Lower Upper

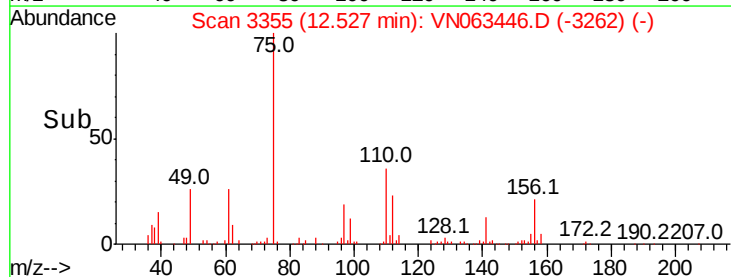
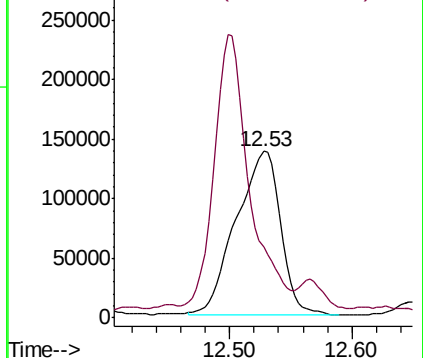
75 100

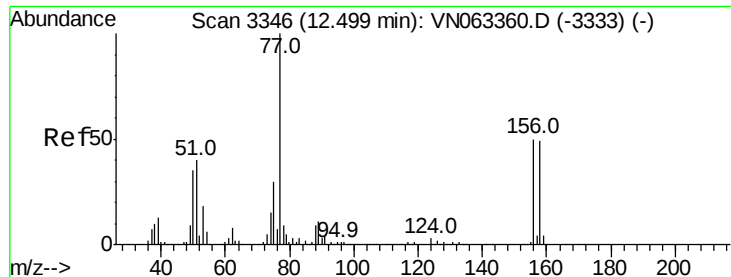
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 63.152 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

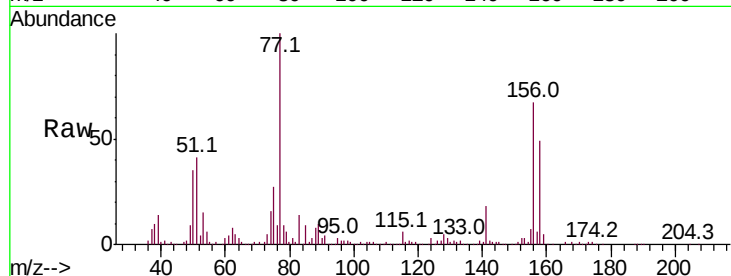
Tot Ion:156 Resp: 269484

Ion Ratio Lower Upper

156 100

77 168.3 120.2 360.6

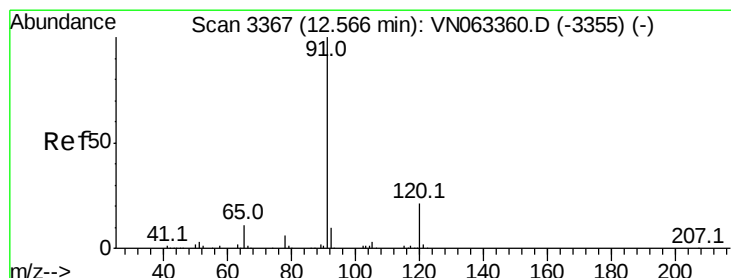
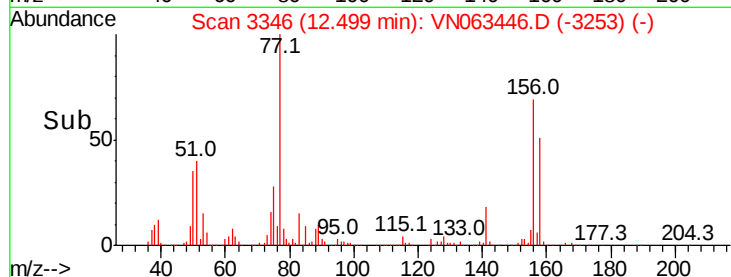
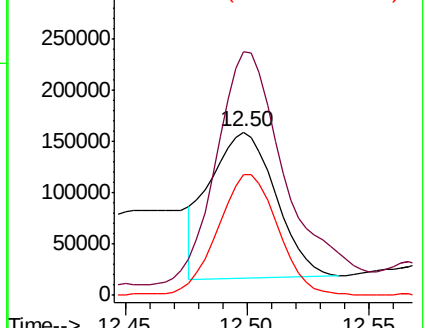
158 74.2 48.9 146.6



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: 46.362 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063446.D

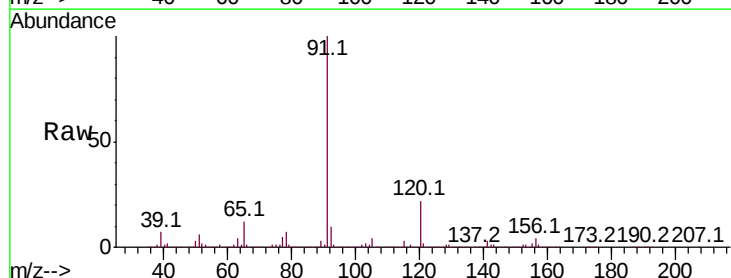
Acq: 18 Sep 2020 2:45

Tgt Ion: 91 Resp: 1024356

Ion Ratio Lower Upper

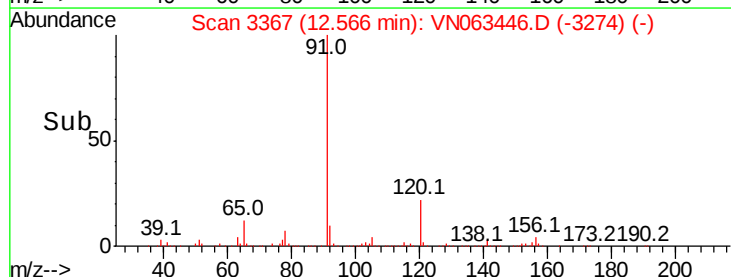
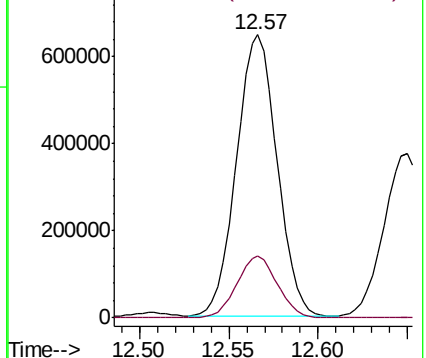
91 100

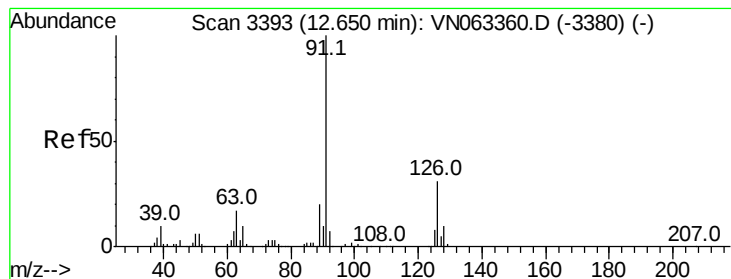
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.253 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

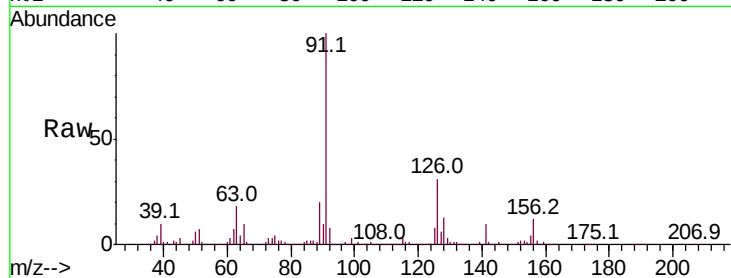
VSTDCCC050EC

Tot Ion: 91 Resp: 625858

Ion Ratio Lower Upper

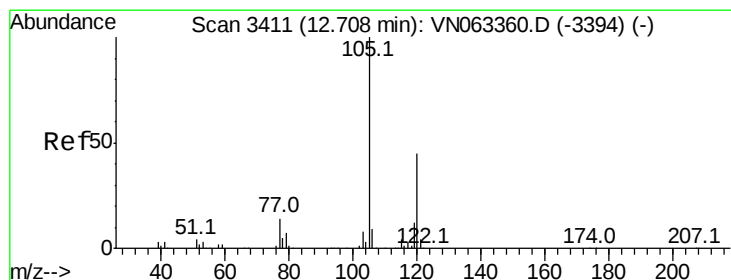
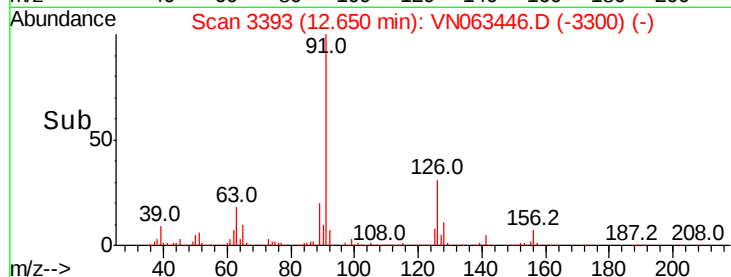
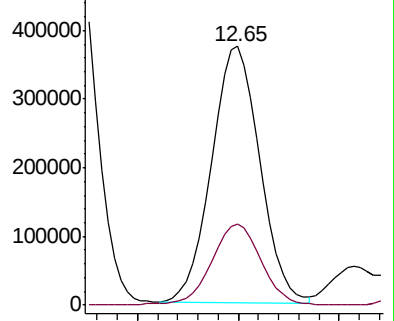
91 100

126 31.9 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: 48.063 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063446.D

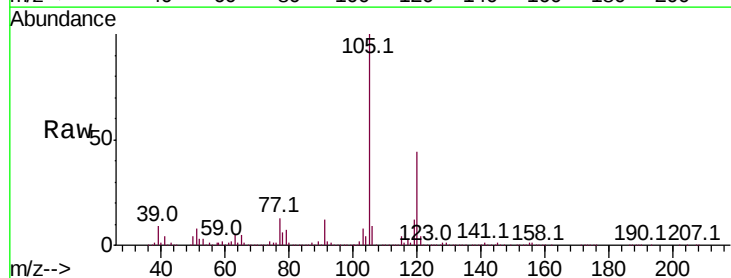
Acq: 18 Sep 2020 2:45

Tgt Ion:105 Resp: 760288

Ion Ratio Lower Upper

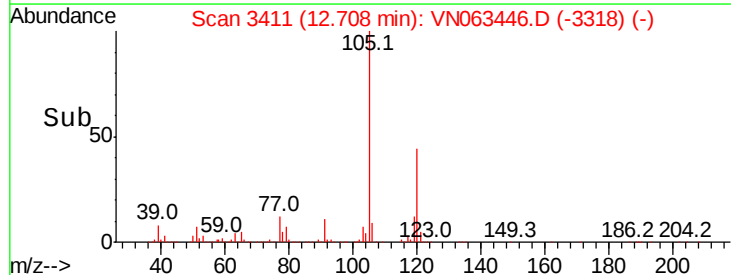
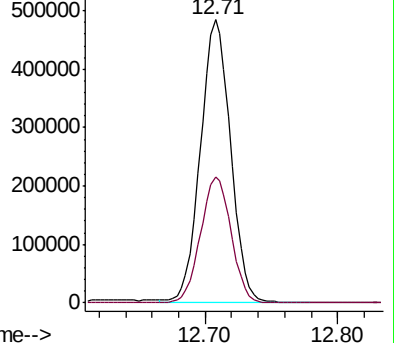
105 100

120 45.3 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: 38.775 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

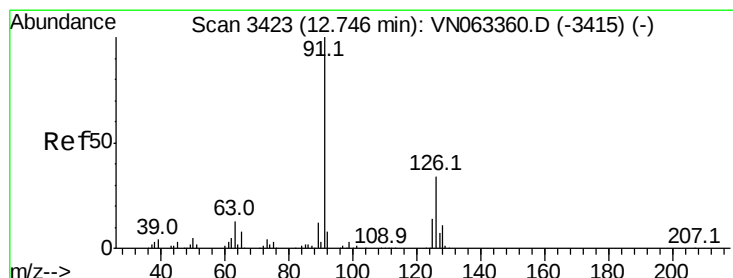
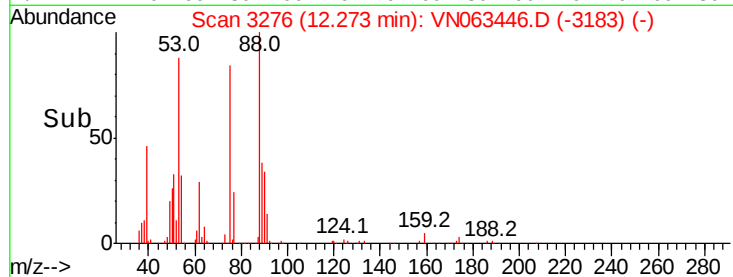
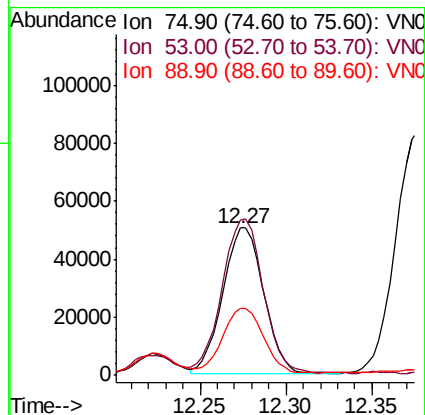
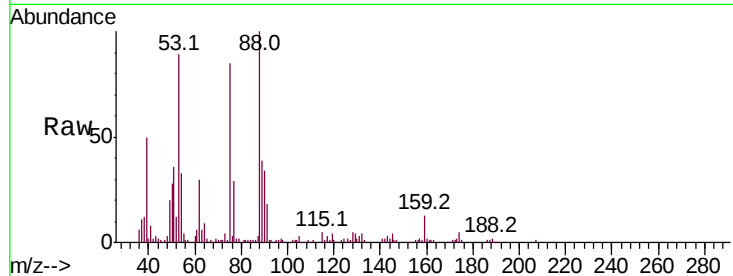
Tot Ion: 75 Resp: 82869

Ion Ratio Lower Upper

75 100

53 106.7 85.7 128.5

89 45.3 38.0 57.0



#82

4-Chlorotoluene

Concen: 46.136 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063446.D

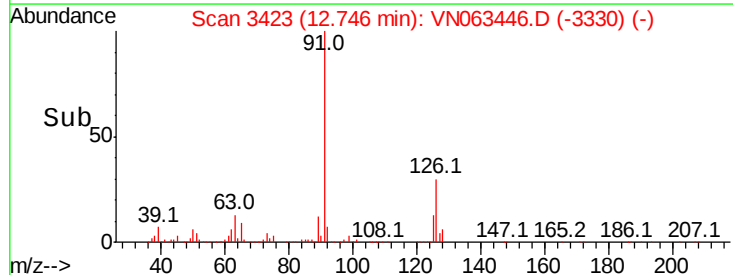
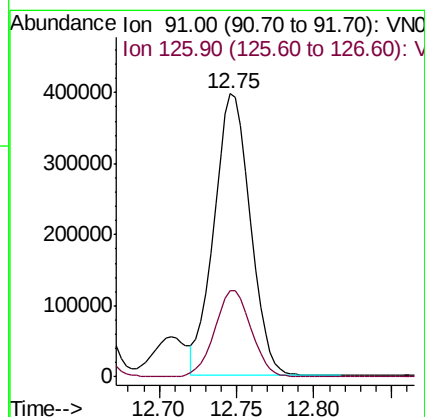
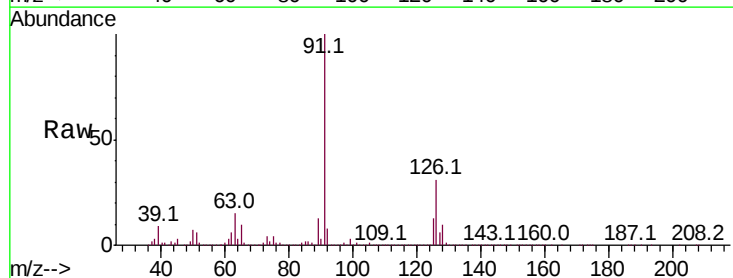
Acq: 18 Sep 2020 2:45

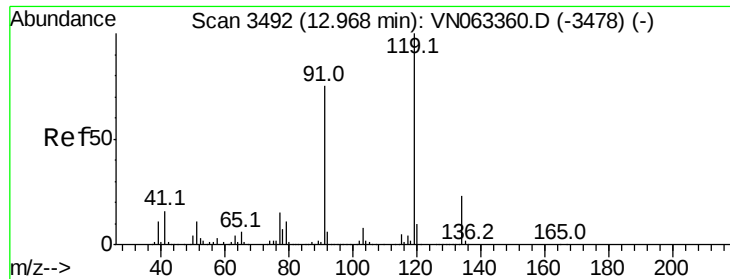
Tgt Ion: 91 Resp: 645628

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5





#83

tert-Butylbenzene

Concen: 46.969 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

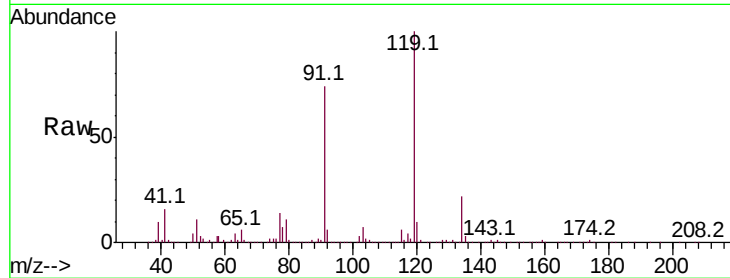
Tot Ion:119 Resp: 613216

Ion Ratio Lower Upper

119 100

91 71.9 36.3 108.9

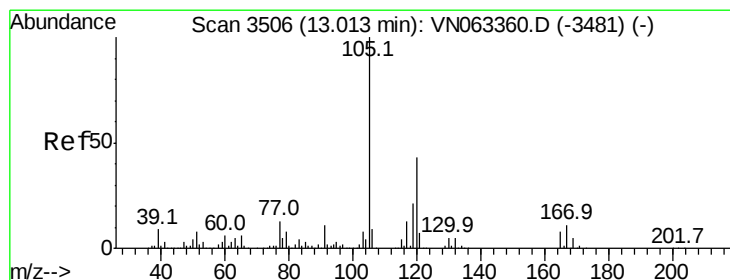
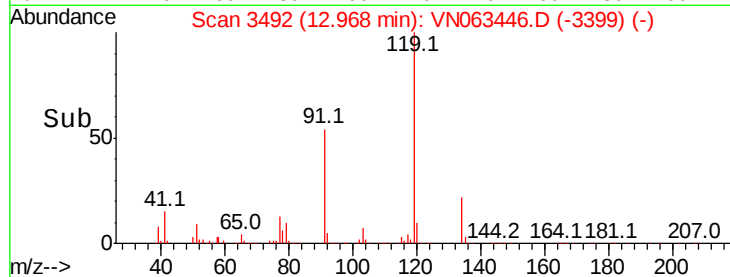
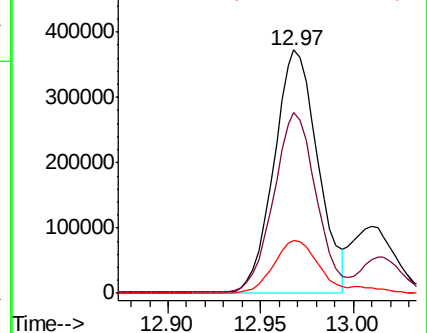
134 24.0 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.132 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063446.D

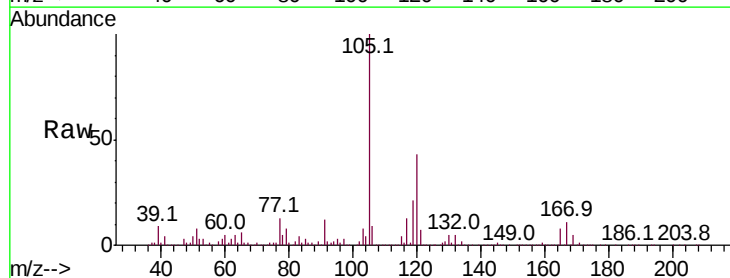
Acq: 18 Sep 2020 2:45

Tgt Ion:105 Resp: 753081

Ion Ratio Lower Upper

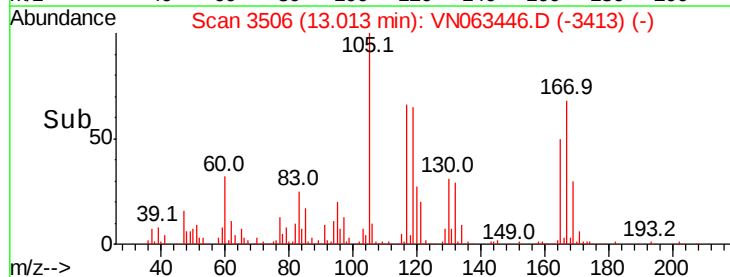
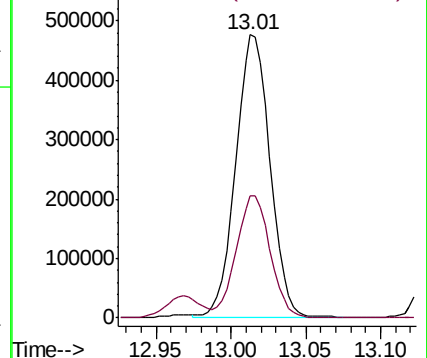
105 100

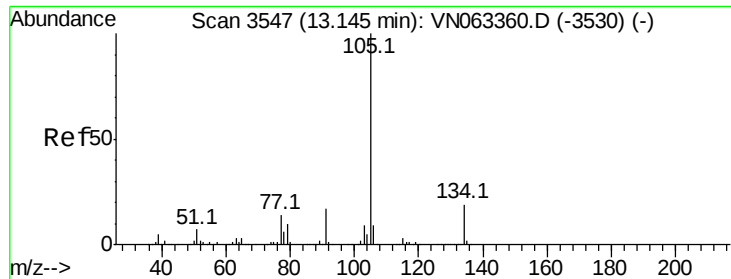
120 43.2 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.093 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

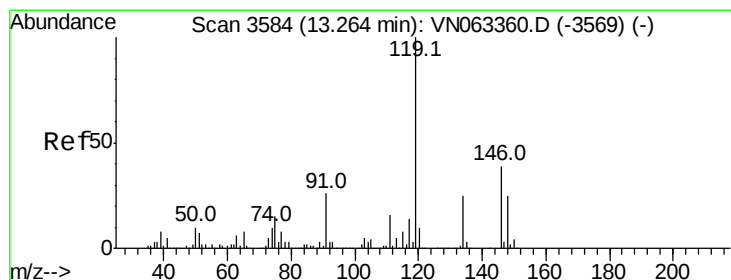
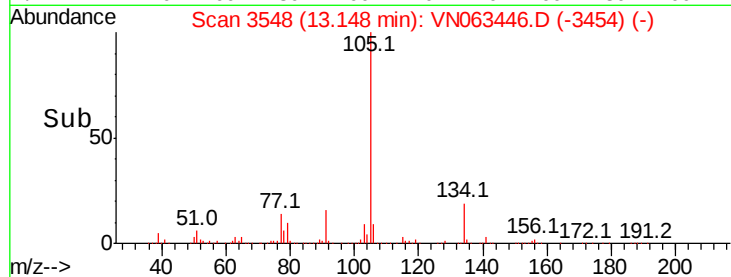
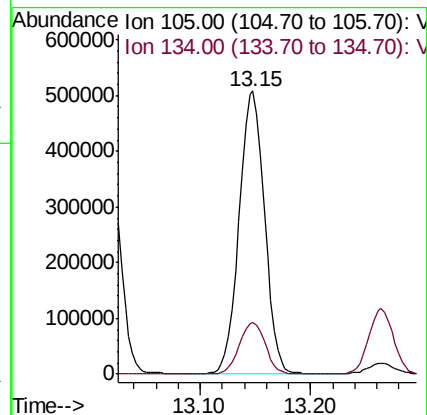
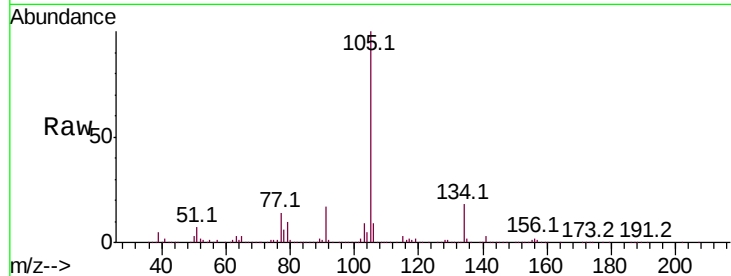
VSTDCCC050EC

Tot Ion:105 Resp: 805522

Ion Ratio Lower Upper

105 100

134 18.8 9.3 27.7



#86

p-Isopropyltoluene

Concen: 48.019 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

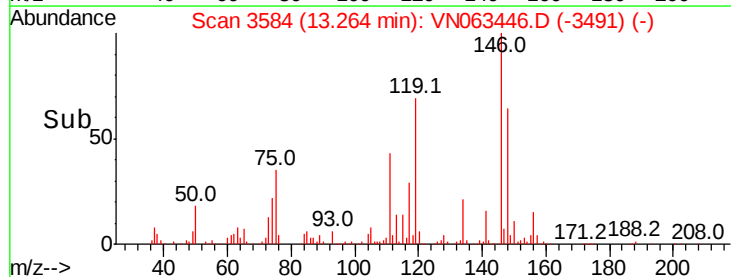
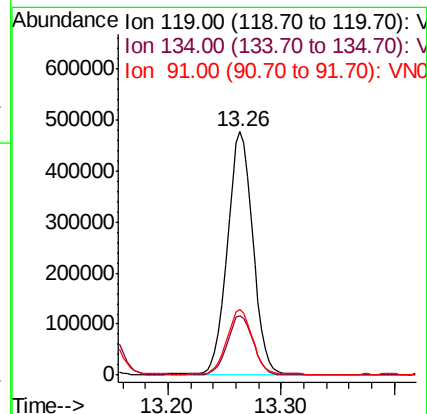
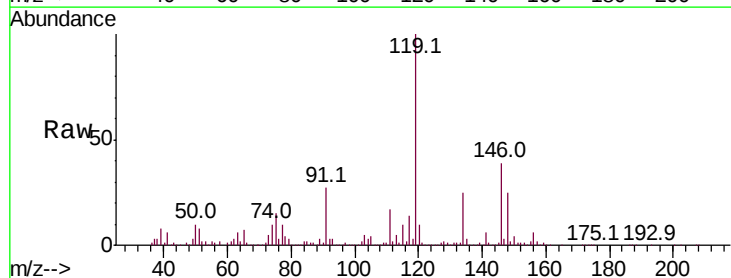
Tgt Ion:119 Resp: 740173

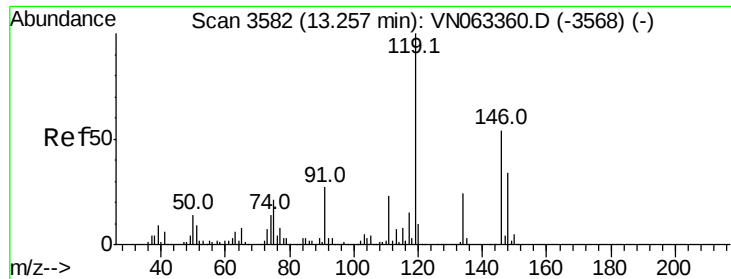
Ion Ratio Lower Upper

119 100

134 24.7 12.5 37.5

91 27.0 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 47.264 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

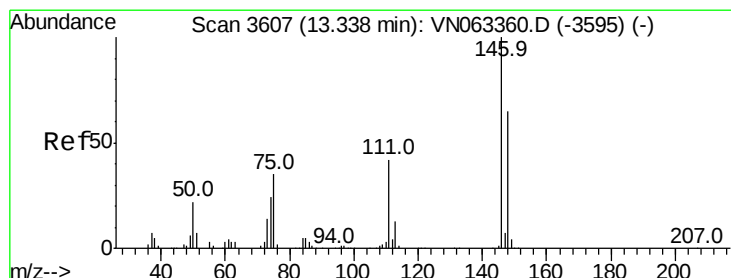
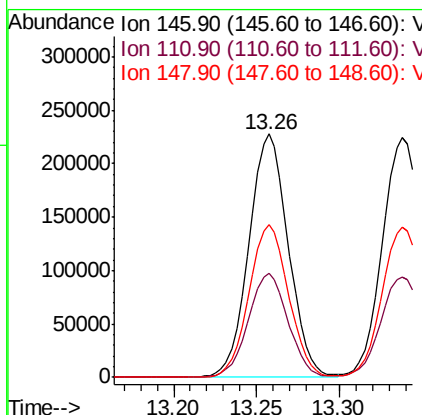
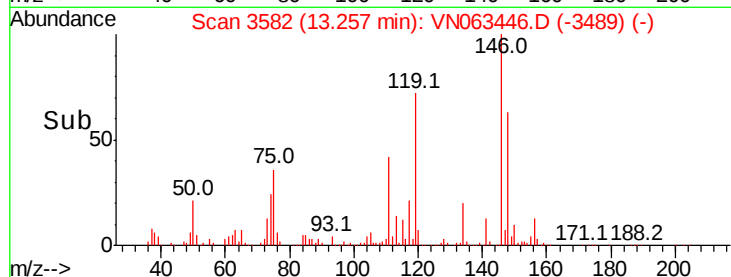
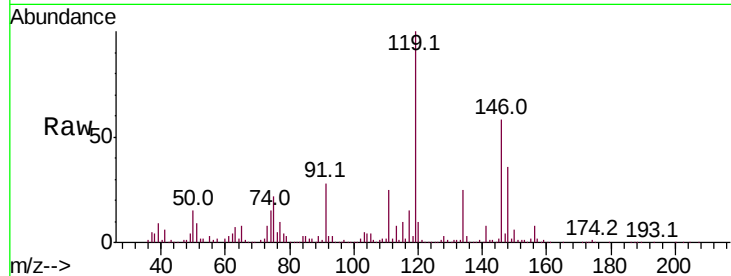
Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 373817

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.3
148	63.3	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 46.084 ug/l

RT: 13.34 min Scan# 3607

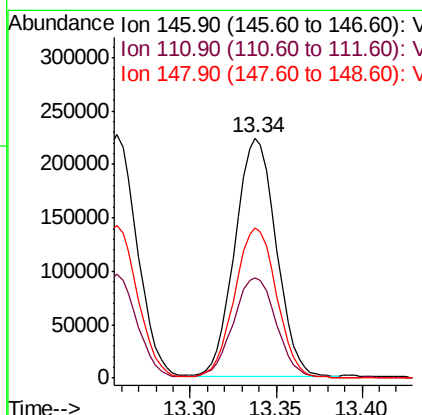
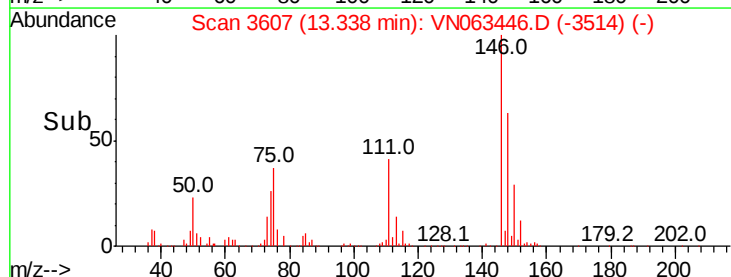
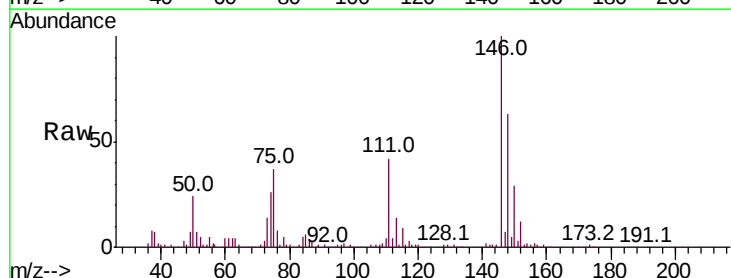
Delta R.T. -0.00 min

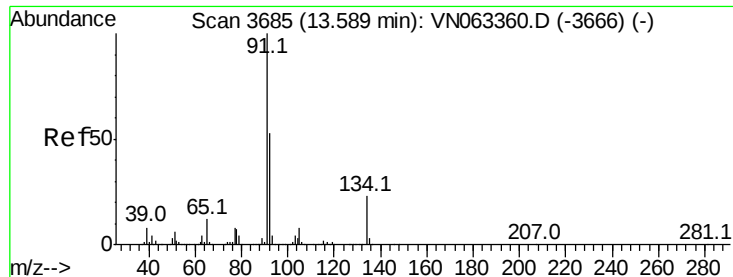
Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:146 Resp: 370572

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	64.3	31.9	95.9





#89

n-Butylbenzene

Concen: 46.720 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

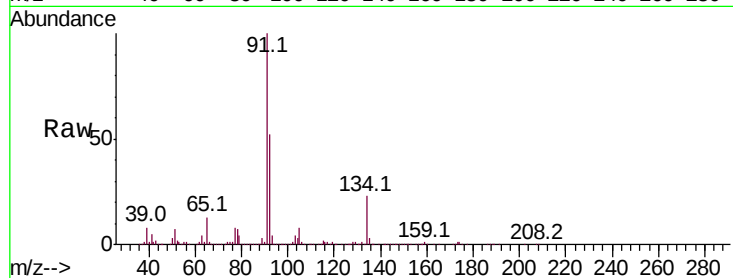
Tot Ion: 91 Resp: 663797

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

134 23.0 11.7 35.0

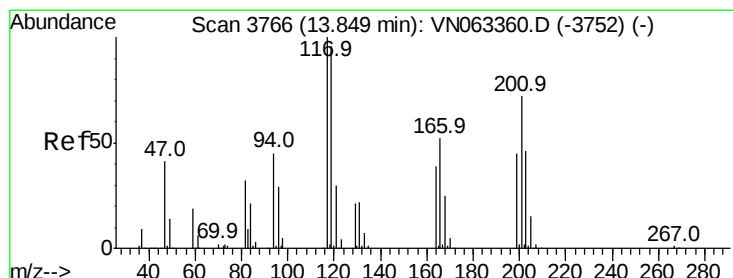
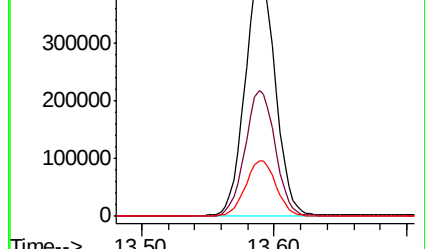
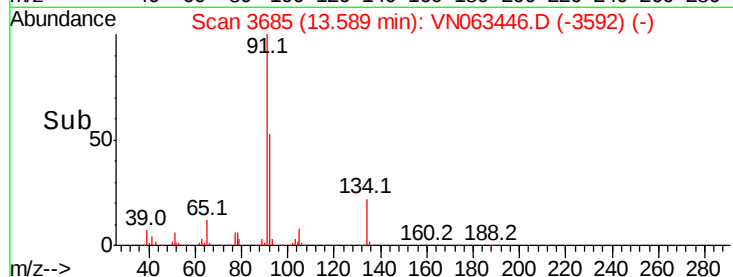


Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)

Time-->



#90

Hexachloroethane

Concen: 43.747 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063446.D

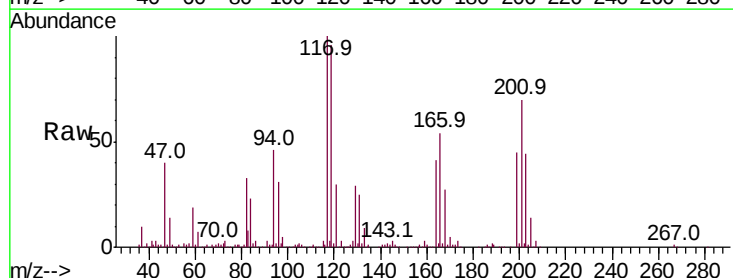
Acq: 18 Sep 2020 2:45

Tgt Ion: 117 Resp: 128401

Ion Ratio Lower Upper

117 100

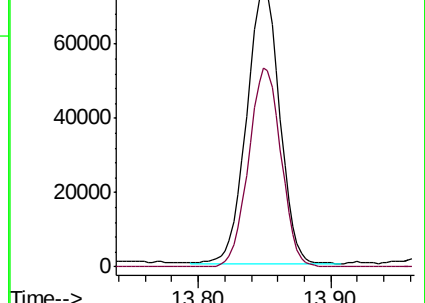
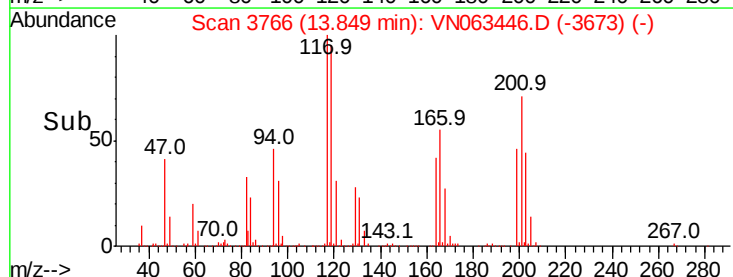
201 70.9 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

Time-->

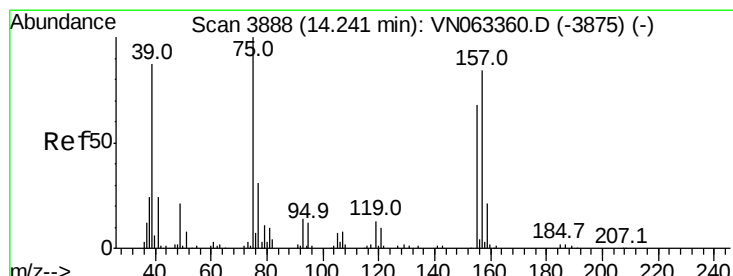
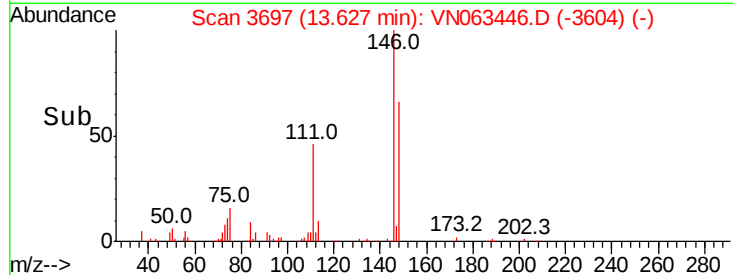
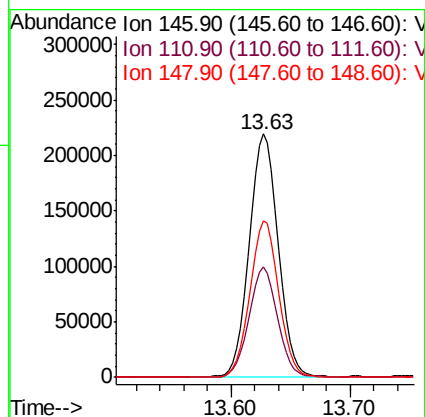
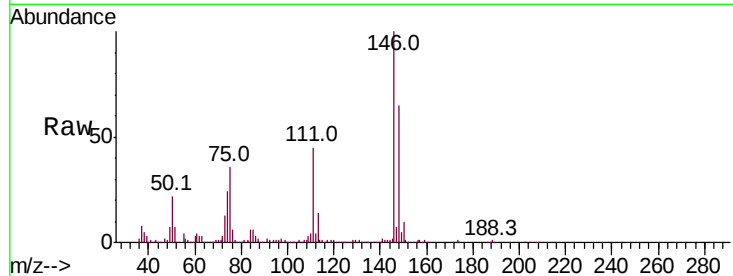




#91
 1,2-Dichlorobenzene
 Concen: 47.422 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

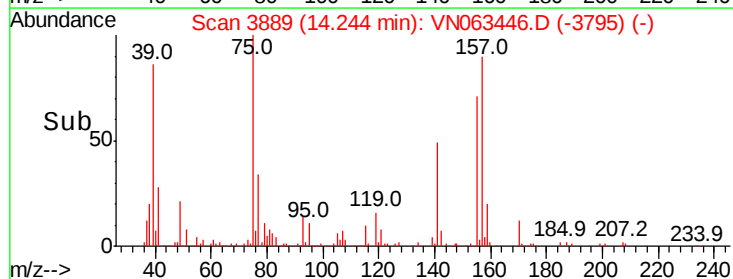
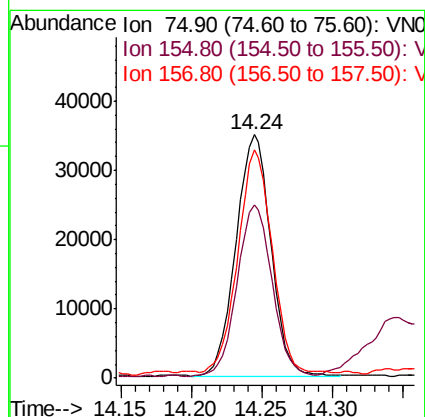
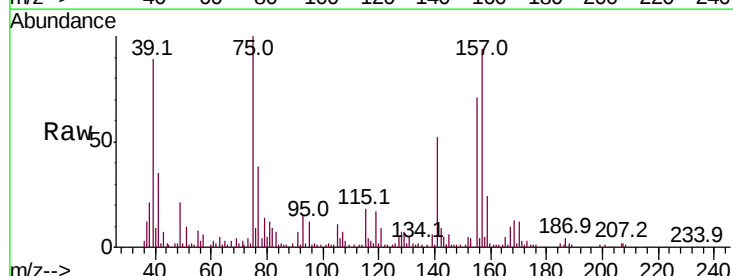
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

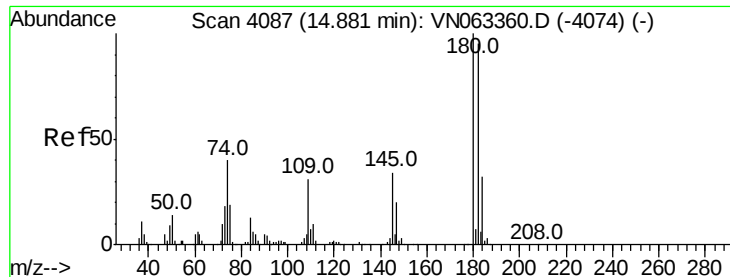
Tot Ion:146	Resp:	368237
Ion Ratio	Lower	Upper
146	100	
111	45.0	22.4 67.2
148	64.3	32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.311 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion: 75	Resp:	60579
Ion Ratio	Lower	Upper
75	100	
155	71.0	34.6 103.9
157	88.8	43.7 131.1

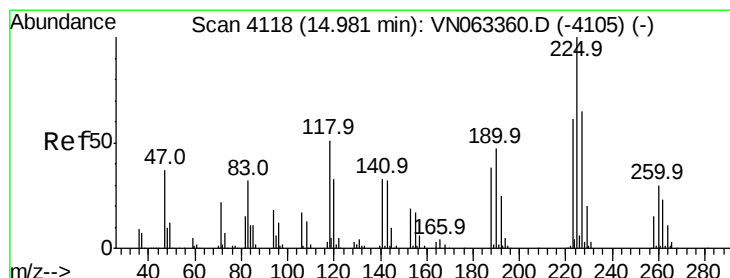
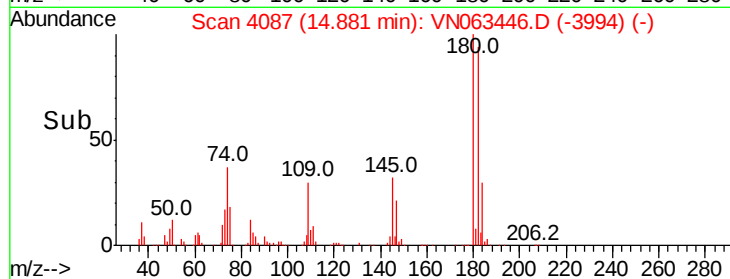
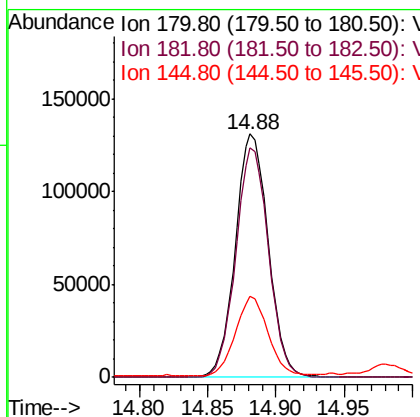
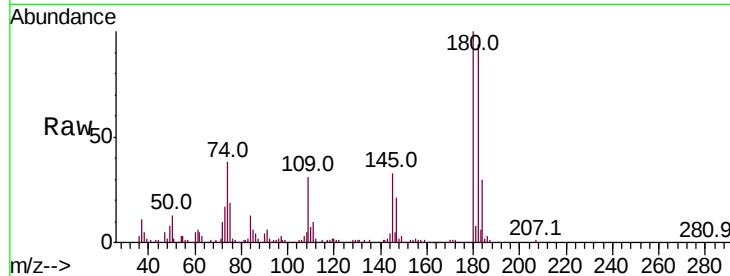




#93
 1,2,4-Trichlorobenzene
 Concen: 48.007 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

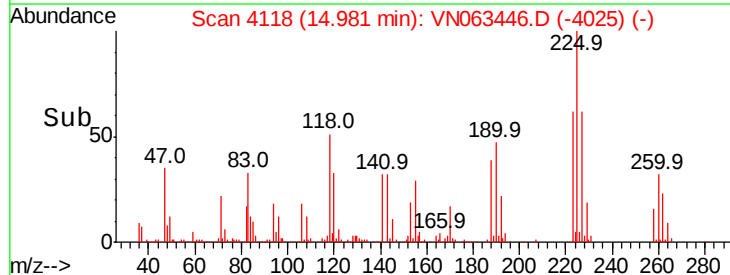
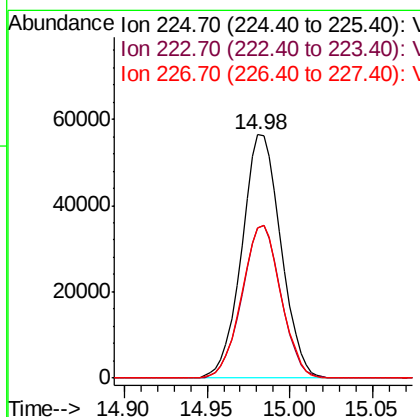
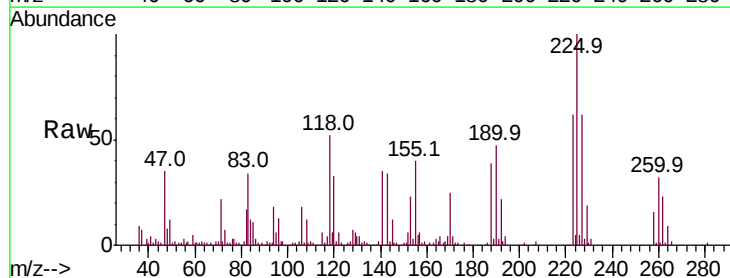
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

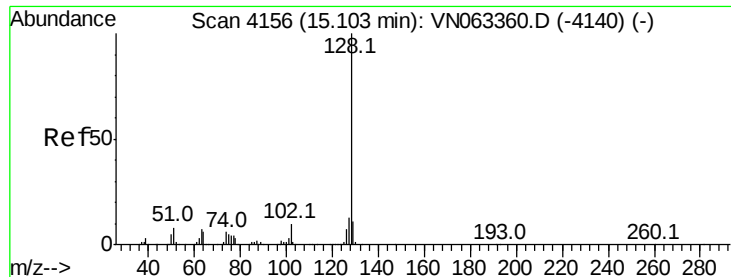
Tot Ion:180 Resp: 219762
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 142.0
 145 32.2 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 48.776 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion:225 Resp: 92437
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.6 91.6
 227 62.7 31.2 93.6

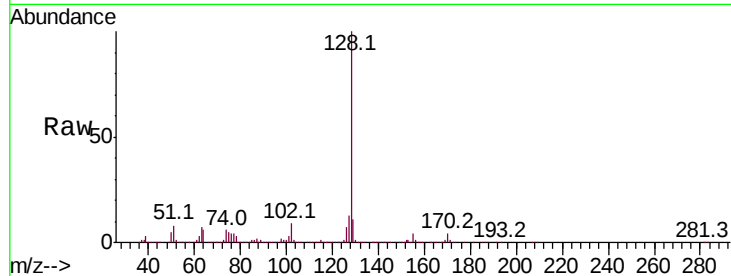




#95
Naphthalene
Concen: 49.673 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.4	8.8	13.2

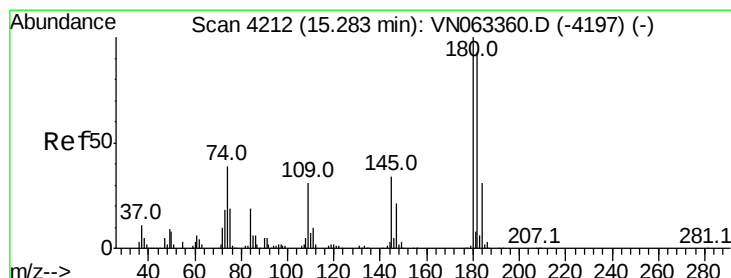
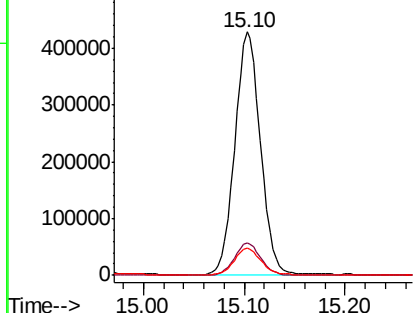
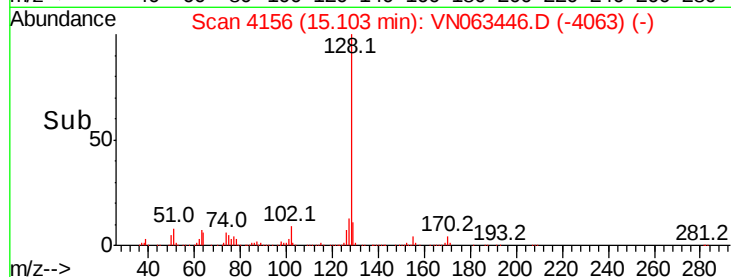


Abundance

Ion 128.00 (127.70 to 128.70): V

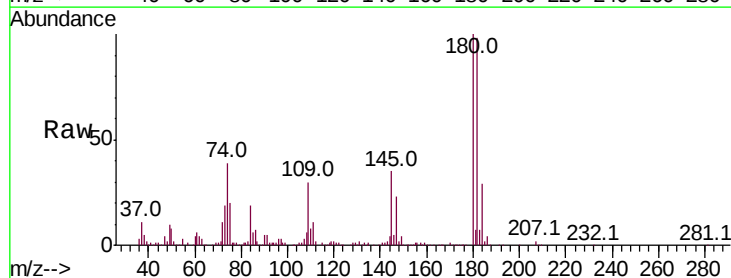
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.937 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.7	140.1
145	34.7	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

