

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063606.D
 Acq On : 23 Sep 2020 22:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 24 02:39:06 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	233768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202098	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.55	113	139910	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	10.06	98	527370	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.38	95	203067	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	124554	47.030	ug/l	98
3) Chloromethane	2.04	50	153052	43.685	ug/l	99
4) Vinyl Chloride	2.16	62	152426	49.105	ug/l	99
5) Bromomethane	2.53	94	98809	53.613	ug/l	98
6) Chloroethane	2.67	64	94750	49.727	ug/l	98
7) Trichlorofluoromethane	2.98	101	245291	52.965	ug/l	99
8) Diethyl Ether	3.38	74	88377	48.952	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128426	49.309	ug/l	99
10) Methyl Iodide	3.91	142	170597	50.310	ug/l	99
11) Tert butyl alcohol	4.73	59	125261	227.218	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	128494	48.708	ug/l	97
13) Acrolein	3.57	56	64485	315.644	ug/l	97
14) Allyl chloride	4.28	41	238880	45.779	ug/l	95
15) Acrylonitrile	4.93	53	358080	255.356	ug/l	100
16) Acetone	3.78	43	323579	253.014	ug/l	100
17) Carbon Disulfide	4.01	76	342805	44.674	ug/l	99
18) Methyl Acetate	4.28	43	171499	52.823	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	481636	48.986	ug/l	99
20) Methylene Chloride	4.51	84	154731	47.753	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	139665	47.785	ug/l	97
22) Diisopropyl ether	5.90	45	519276	48.794	ug/l	98
23) Vinyl Acetate	5.85	43	2187676	250.302	ug/l	99
24) 1,1-Dichloroethane	5.80	63	285209	49.088	ug/l	99
25) 2-Butanone	6.78	43	491390	249.828	ug/l	100
26) 2,2-Dichloropropane	6.78	77	208191	40.698	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	169662	51.286	ug/l	97
28) Bromochloromethane	7.15	49	137536	51.267	ug/l	96
29) Tetrahydrofuran	7.17	42	328898	244.833	ug/l	98
30) Chloroform	7.33	83	302758	51.937	ug/l	99
31) Cyclohexane	7.61	56	229436	41.747	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	267185	51.533	ug/l	99
36) 1,1-Dichloropropene	7.76	75	213334	49.025	ug/l	100
37) Ethyl Acetate	6.88	43	215237	50.397	ug/l	99
38) Carbon Tetrachloride	7.73	117	227942	51.315	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	206588	43.743	ug/l	98
40) Benzene	8.00	78	619530	49.874	ug/l	98
41) Methacrylonitrile	7.16	41	317536	165.309	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	259550	51.957	ug/l	98
43) Isopropyl Acetate	8.13	43	366718	48.021	ug/l	99
44) Trichloroethene	8.80	130	152150	50.500	ug/l	100
45) 1,2-Dichloropropane	9.08	63	169117	49.987	ug/l	96
46) Dibromomethane	9.18	93	116327	52.314	ug/l	99
47) Bromodichloromethane	9.37	83	239584	51.863	ug/l	97
48) Methyl methacrylate	9.17	41	184925	49.288	ug/l	97
49) 1,4-Dioxane	9.17	88	49827	925.416	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1107934	259.149	ug/l	100
52) Toluene	10.13	92	387888	51.936	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	253904	49.233	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	264687	48.657	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	155470	52.408	ug/l	97
56) Ethyl methacrylate	10.40	69	236477	51.063	ug/l	99
57) 1,3-Dichloropropane	10.68	76	267575	50.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	588100	242.077	ug/l	97
59) 2-Hexanone	10.72	43	820073	264.768	ug/l	99
60) Dibromochloromethane	10.87	129	180327	53.807	ug/l	98
61) 1,2-Dibromoethane	10.98	107	163110	52.923	ug/l	100
64) Tetrachloroethene	10.60	164	136041	51.655	ug/l	98
65) Chlorobenzene	11.41	112	408290	49.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	158478	52.658	ug/l	98
67) Ethyl Benzene	11.49	91	766934	49.603	ug/l	100
68) m/p-Xylenes	11.60	106	557098	99.935	ug/l	99
69) o-Xylene	11.92	106	272978	51.405	ug/l	98
70) Styrene	11.94	104	467443	52.490	ug/l	100
71) Bromoform	12.10	173	117018	52.193	ug/l #	99
73) Isopropylbenzene	12.23	105	739580	50.537	ug/l	100
74) N-amyl acetate	12.05	43	343715	49.616	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	229911	50.739	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	313464	69.348	ug/l #	100
77) Bromobenzene	12.50	156	174078	52.881	ug/l	95
78) n-propylbenzene	12.57	91	845916	49.629	ug/l	99
79) 2-Chlorotoluene	12.65	91	519574	50.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	629781	51.608	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	72751	44.126	ug/l	95
82) 4-Chlorotoluene	12.75	91	548980	50.852	ug/l	100
83) tert-Butylbenzene	12.97	119	499560	49.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	629882	51.101	ug/l	100
85) sec-Butylbenzene	13.15	105	664578	49.295	ug/l	100
86) p-Isopropyltoluene	13.26	119	596065	50.127	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	312867	51.278	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	317477	51.179	ug/l	100
89) n-Butylbenzene	13.59	91	523577	47.769	ug/l	99
90) Hexachloroethane	13.85	117	109051	48.162	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	313897	52.401	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53252	49.353	ug/l	99

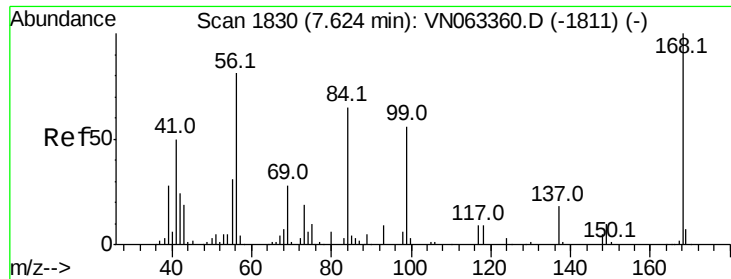
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	171544	48.576	ug/l	98
94) Hexachlorobutadiene	14.98	225	78772	53.880	ug/l	98
95) Naphthalene	15.10	128	558132	47.838	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	161326	47.280	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

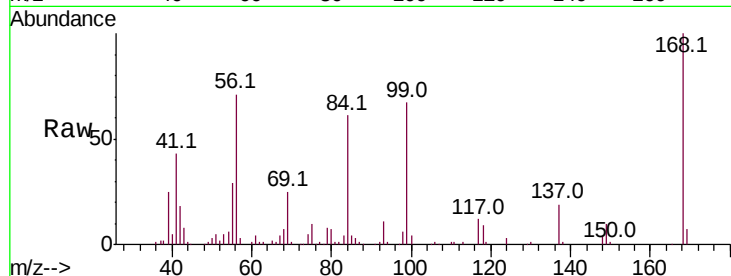
VSTDCCC050EC

Tot Ion:168 Resp: 233768

Ion Ratio Lower Upper

168 100

99 66.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

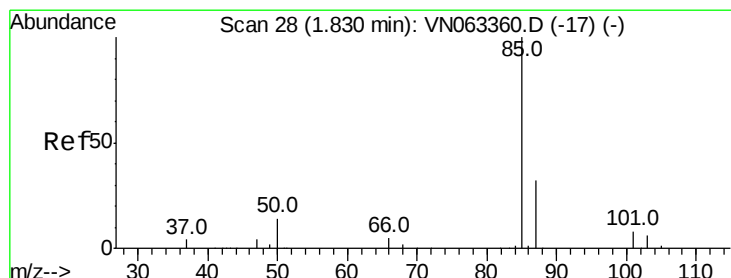
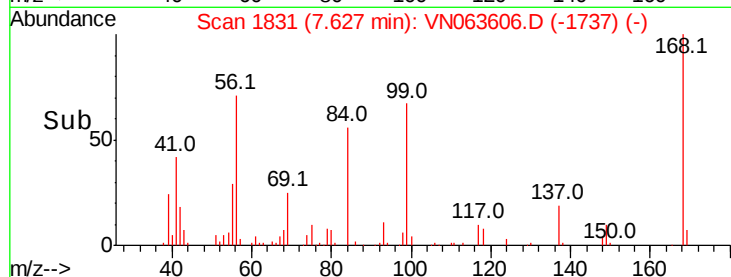
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.030 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063606.D

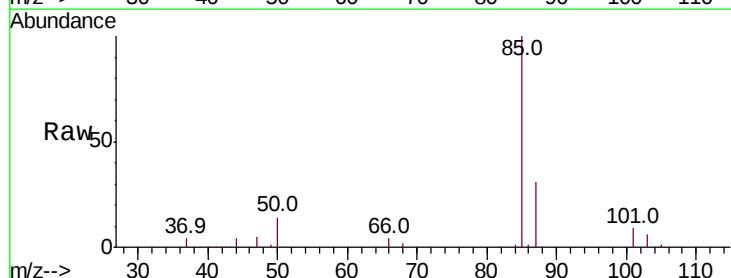
Acq: 23 Sep 2020 22:06

Tgt Ion: 85 Resp: 124554

Ion Ratio Lower Upper

85 100

87 30.9 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

80000

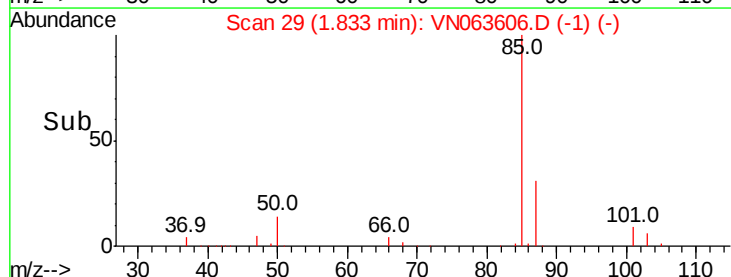
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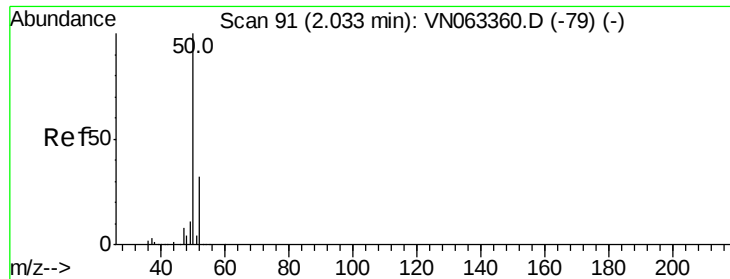
40000

20000

0

Time--> 1.80 1.85 1.90

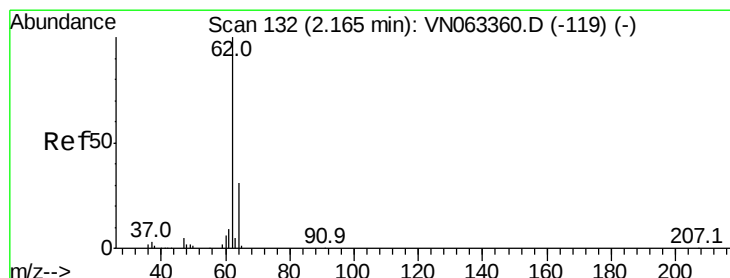
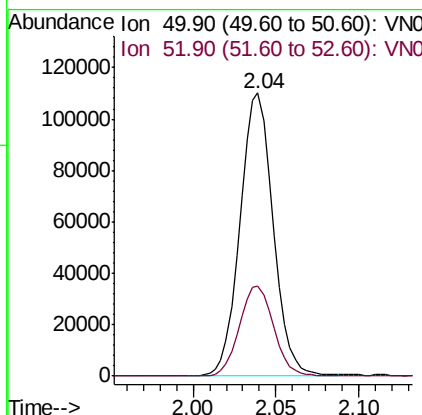
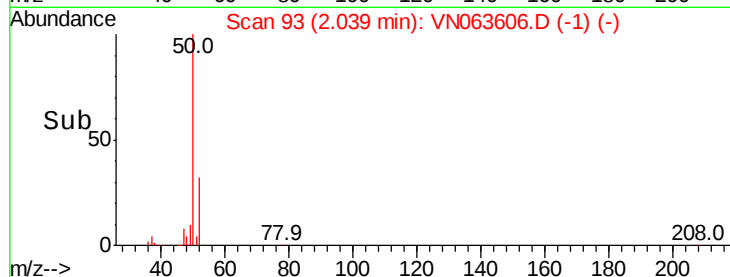
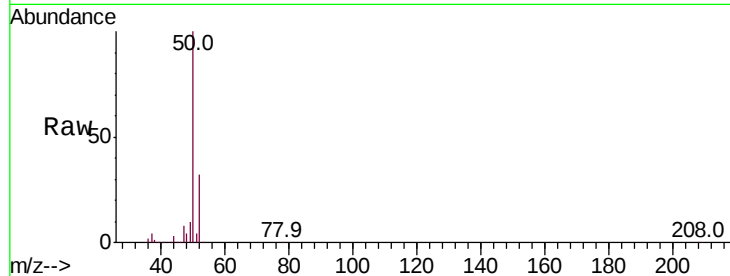




#3
Chloromethane
Concen: 43.685 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

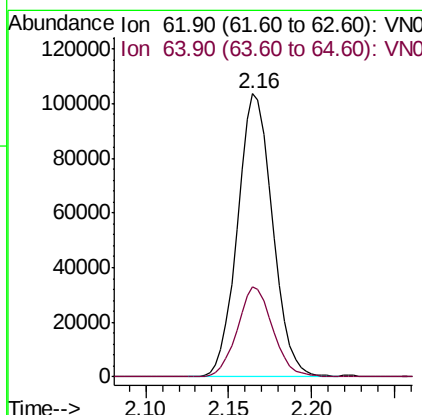
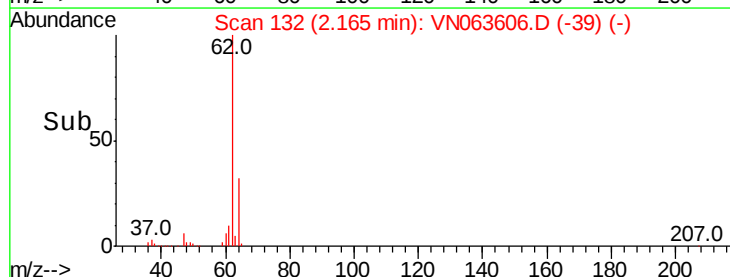
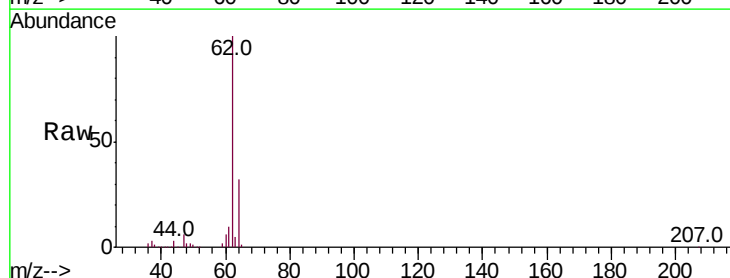
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

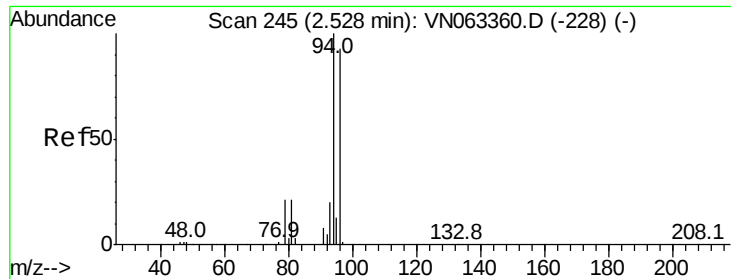
Tot Ion: 50 Resp: 153052
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9



#4
Vinyl Chloride
Concen: 49.105 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 62 Resp: 152426
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5

Bromomethane

Concen: 53.613 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

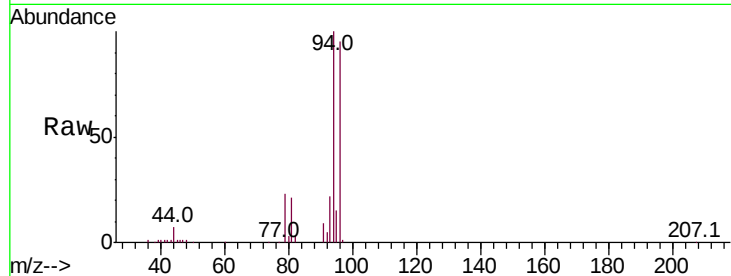
VSTDCCC050EC

Tot Ion: 94 Resp: 98809

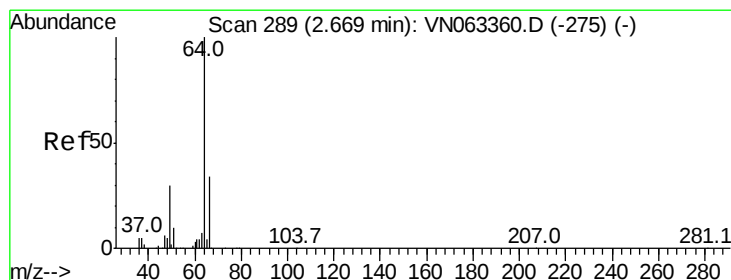
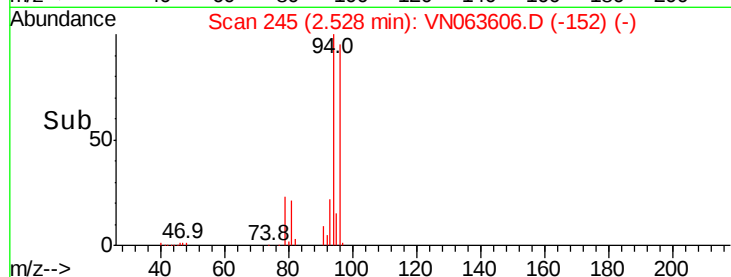
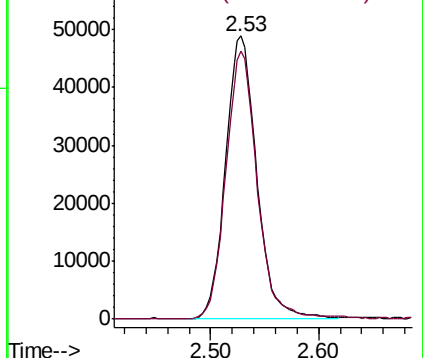
Ion Ratio Lower Upper

94 100

96 94.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 49.727 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063606.D

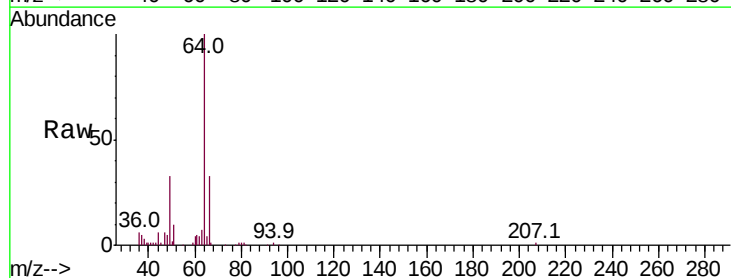
Acq: 23 Sep 2020 22:06

Tgt Ion: 64 Resp: 94750

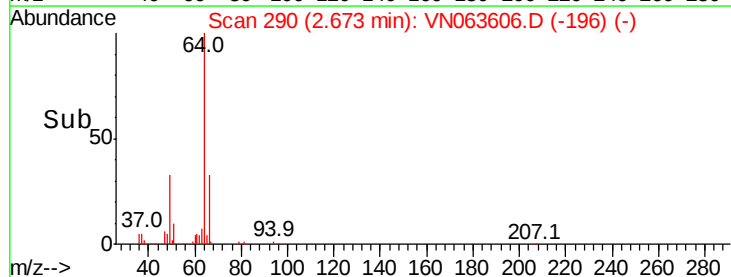
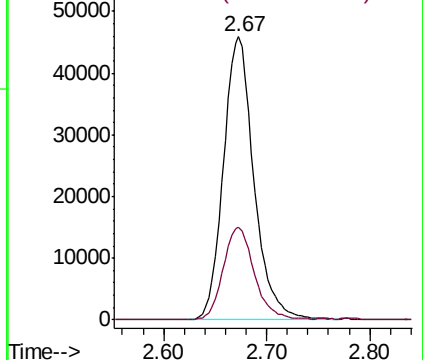
Ion Ratio Lower Upper

64 100

66 32.7 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



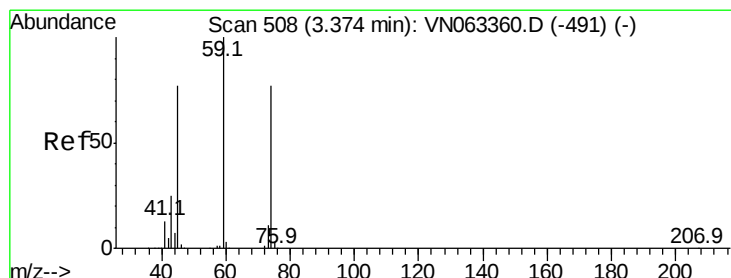
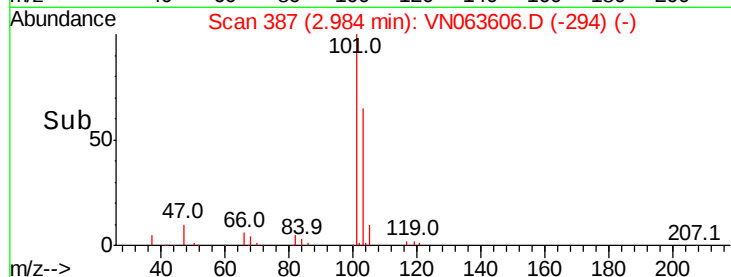
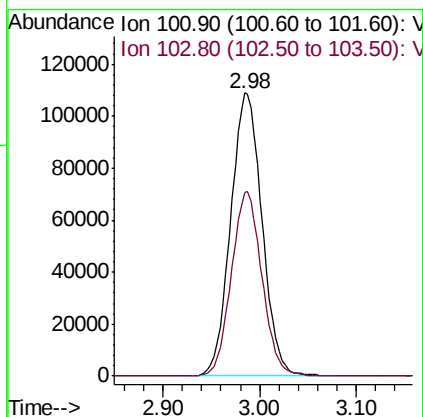
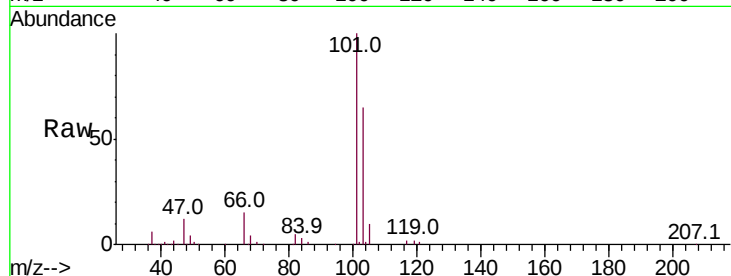


#7

Trichlorofluoromethane
Concen: 52.965 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Instrument :
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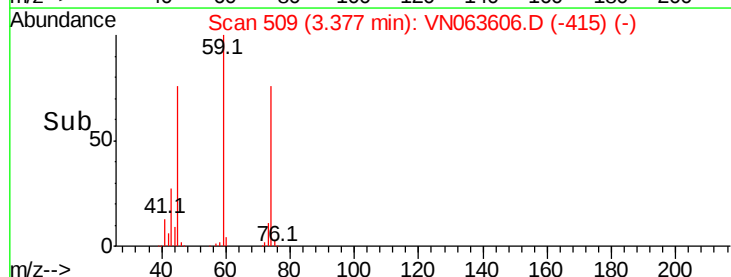
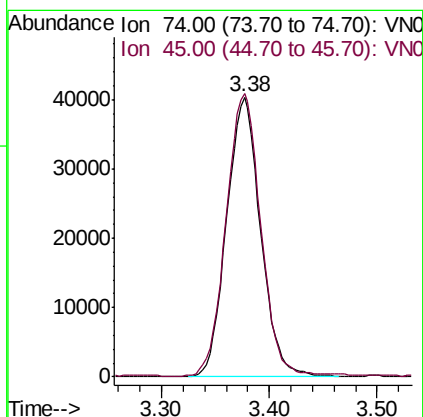
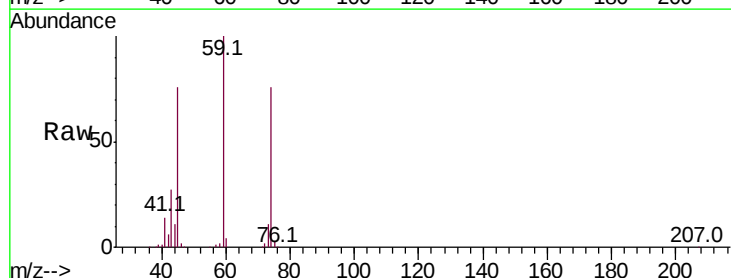
Tot Ion:101 Resp: 245291
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

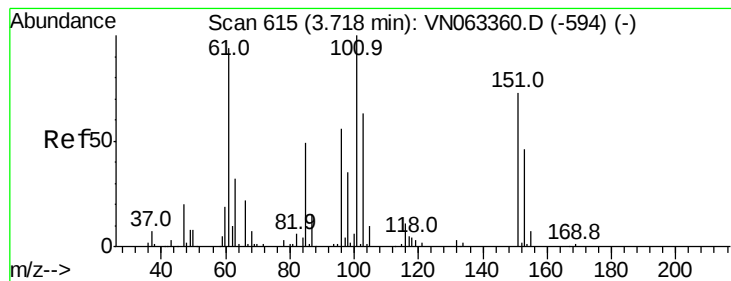


#8

Diethyl Ether
Concen: 48.952 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 74 Resp: 88377
Ion Ratio Lower Upper
74 100
45 103.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.309 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

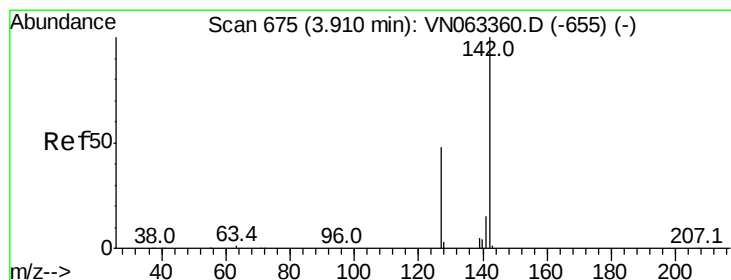
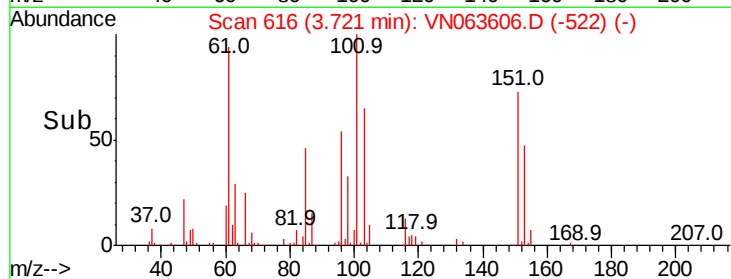
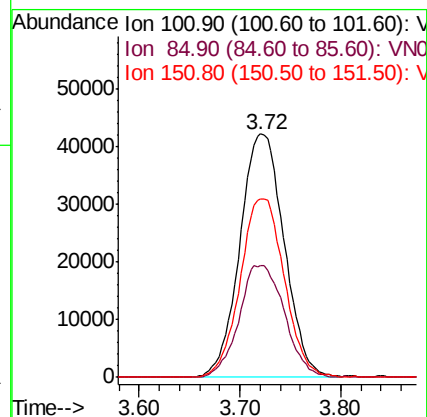
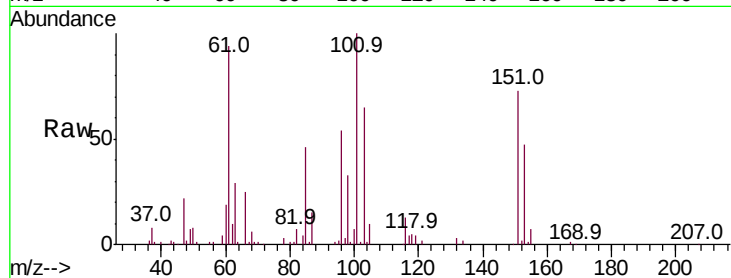
Tot Ion:101 Resp: 128426

Ion Ratio Lower Upper

101 100

85 47.1 37.7 56.5

151 73.3 57.7 86.5



#10

Methyl Iodide

Concen: 50.310 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

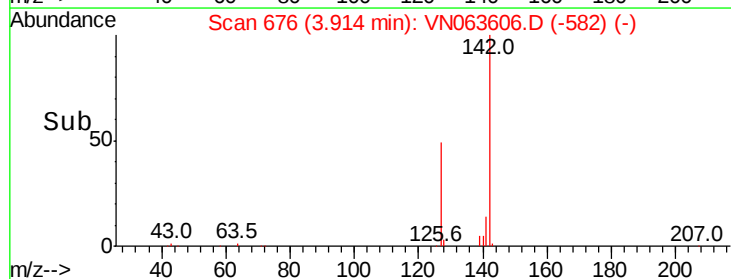
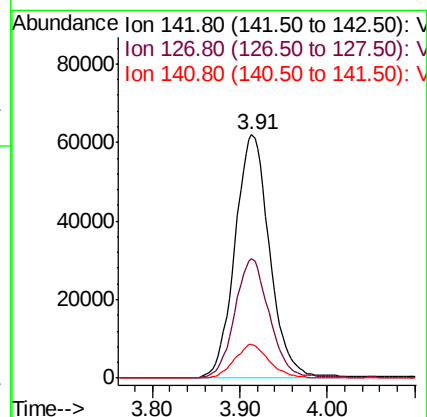
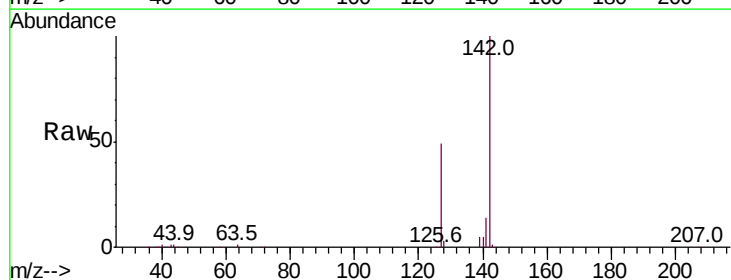
Tgt Ion:142 Resp: 170597

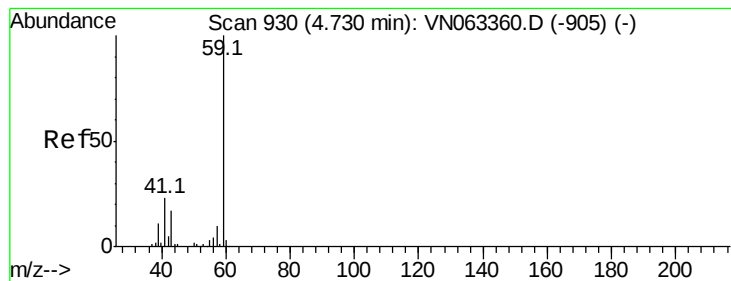
Ion Ratio Lower Upper

142 100

127 49.2 39.0 58.6

141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 227.218 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

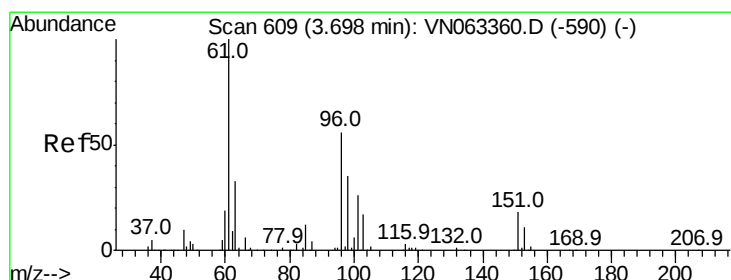
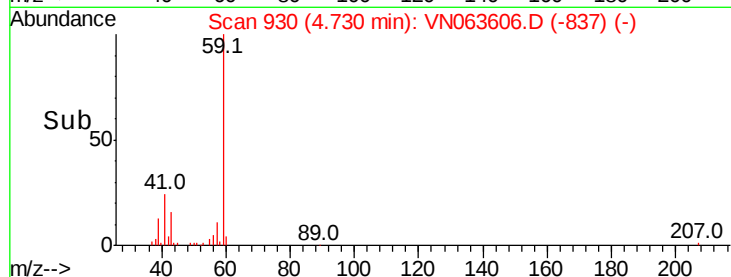
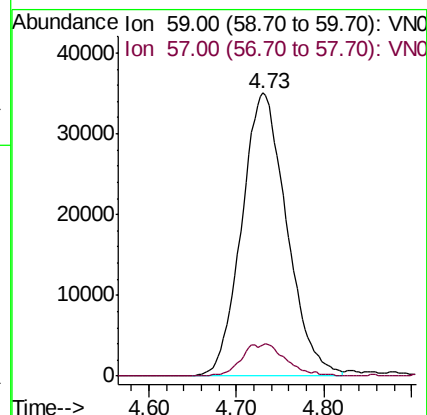
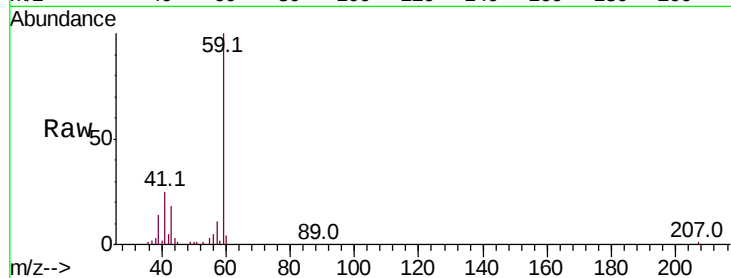
VSTDCCC050EC

Tot Ion: 59 Resp: 125261

Ion Ratio Lower Upper

59 100

57 4.5 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 48.708 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

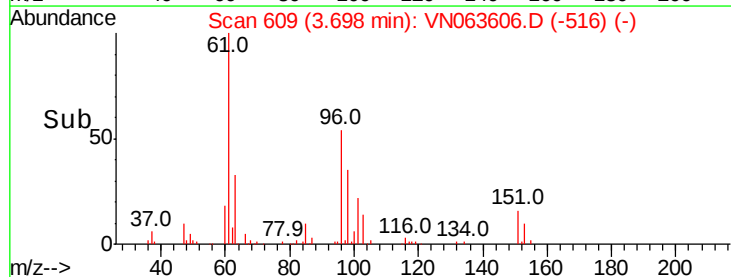
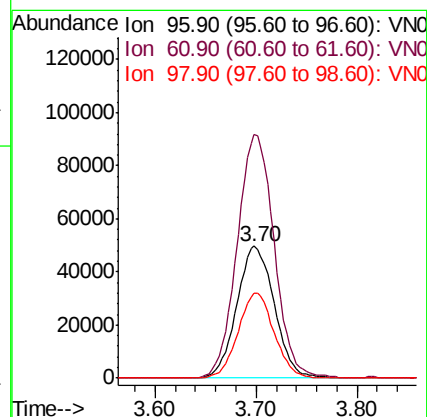
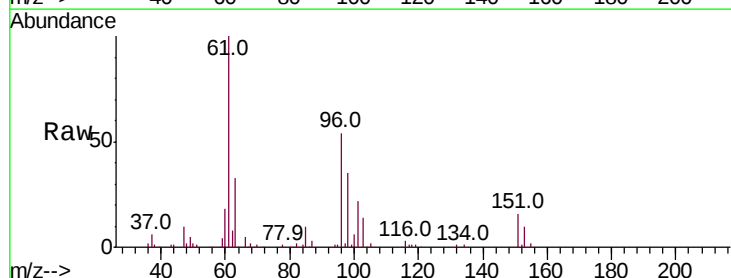
Tgt Ion: 96 Resp: 128494

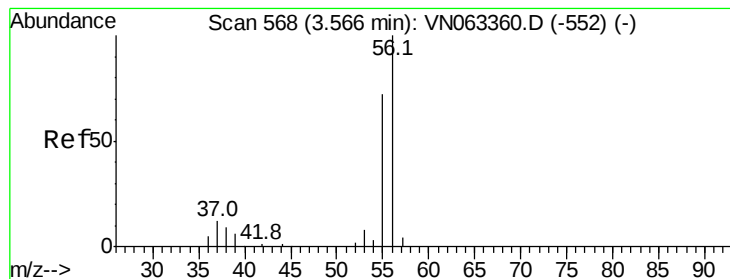
Ion Ratio Lower Upper

96 100

61 184.3 143.4 215.2

98 63.9 50.6 76.0





#13

Acrolein

Concen: 315.644 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

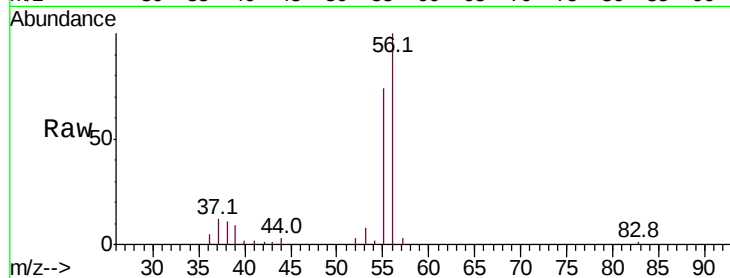
VSTDCCC050EC

Tot Ion: 56 Resp: 64485

Ion Ratio Lower Upper

56 100

55 75.1 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

25000

20000

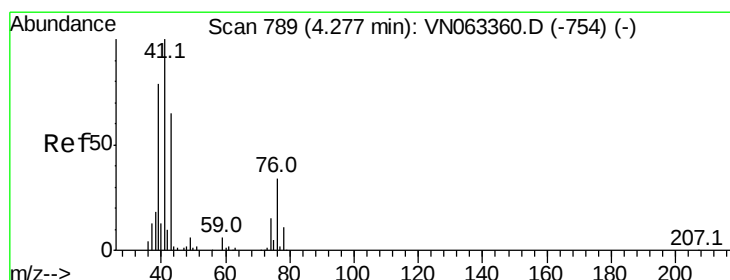
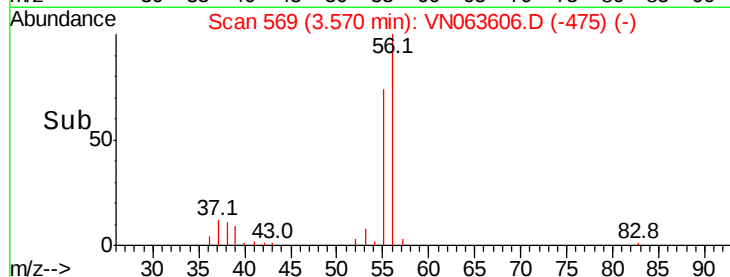
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 45.779 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

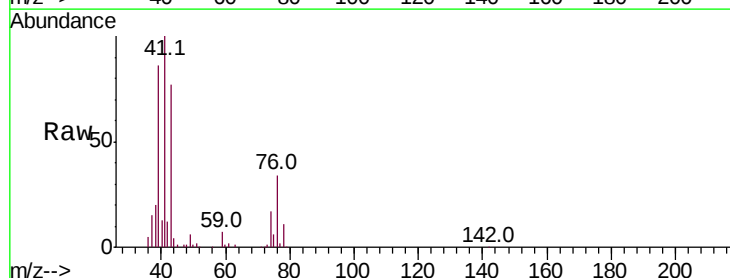
Tgt Ion: 41 Resp: 238880

Ion Ratio Lower Upper

41 100

39 79.8 59.3 88.9

76 31.5 25.3 37.9



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

100000

80000

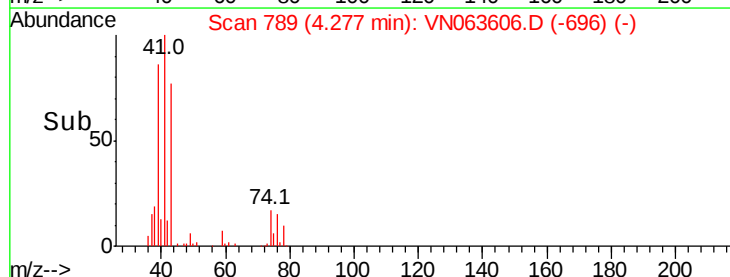
60000

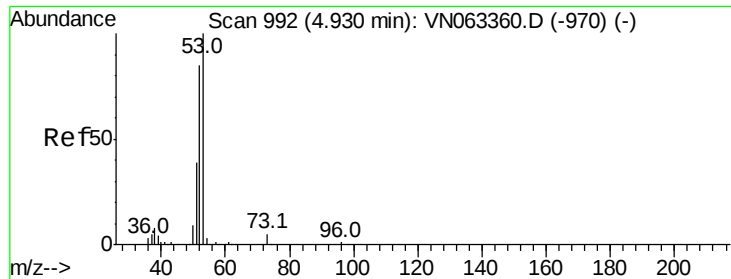
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 255.356 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

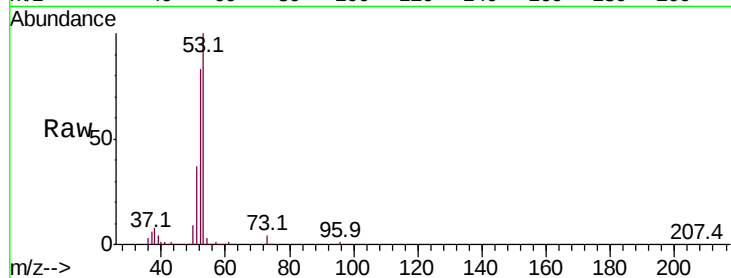
Tot Ion: 53 Resp: 358080

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

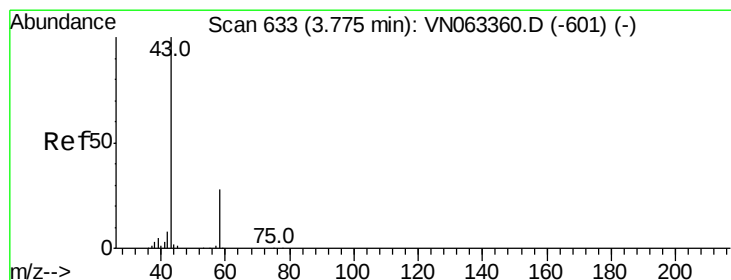
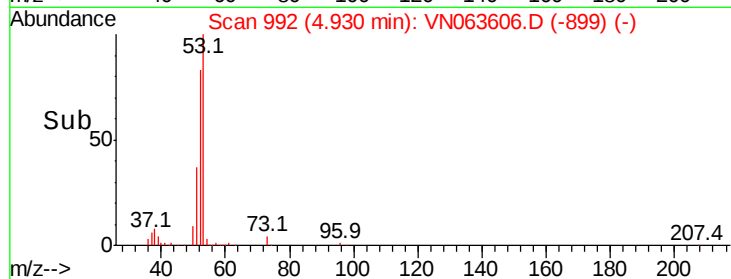
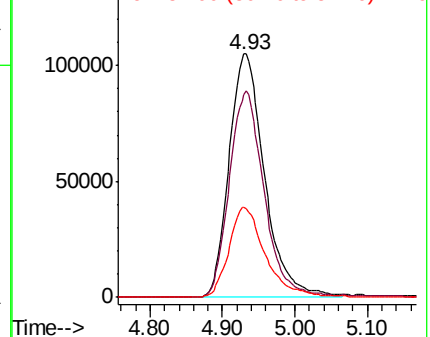
51 37.7 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 253.014 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063606.D

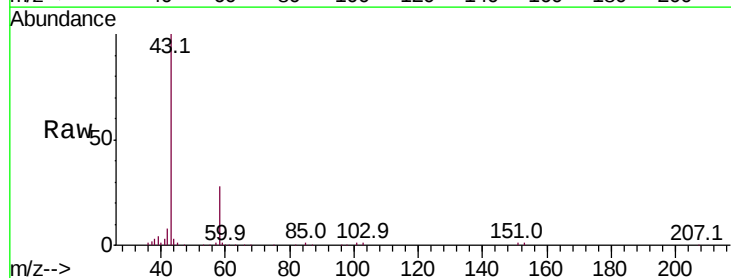
Acq: 23 Sep 2020 22:06

Tgt Ion: 43 Resp: 323579

Ion Ratio Lower Upper

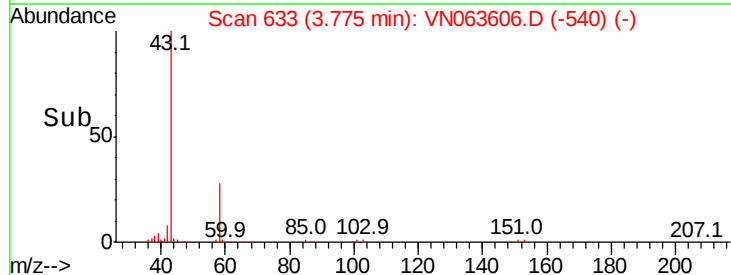
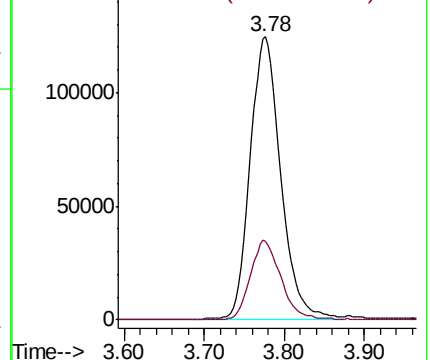
43 100

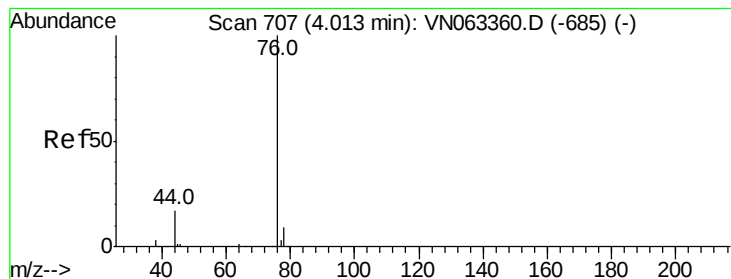
58 27.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.674 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

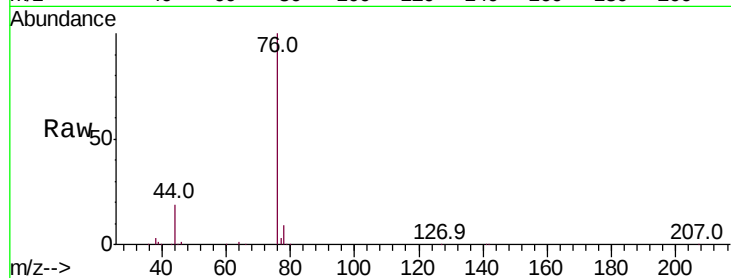
VSTDCCC050EC

Tot Ion: 76 Resp: 342805

Ion Ratio Lower Upper

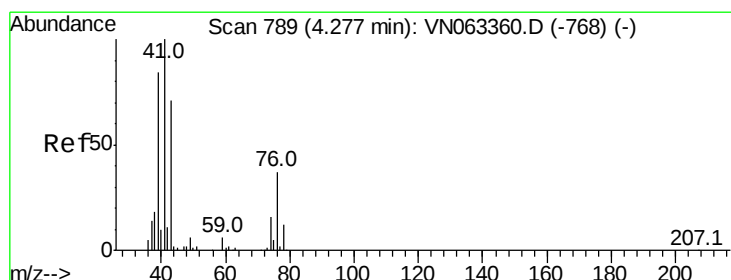
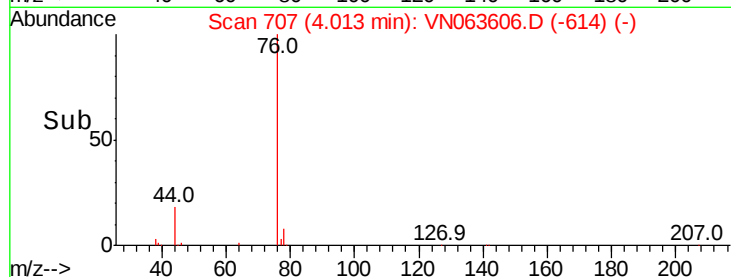
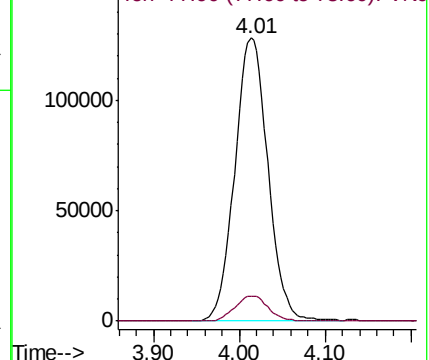
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 52.823 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063606.D

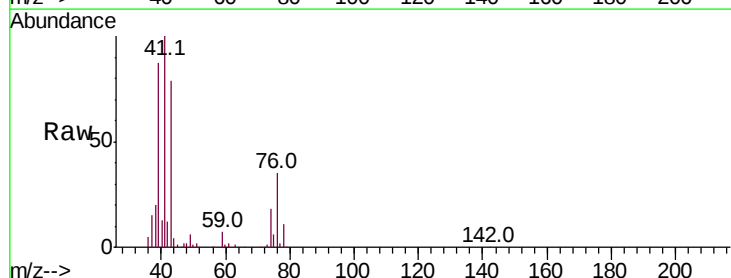
Acq: 23 Sep 2020 22:06

Tgt Ion: 43 Resp: 171499

Ion Ratio Lower Upper

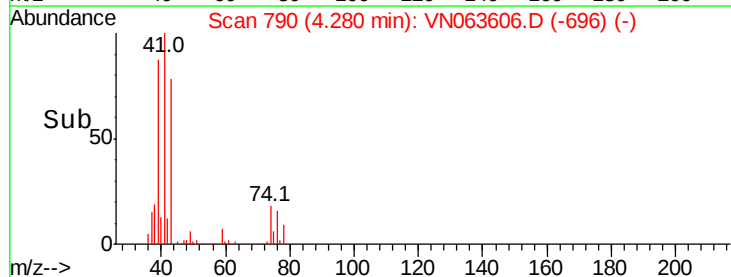
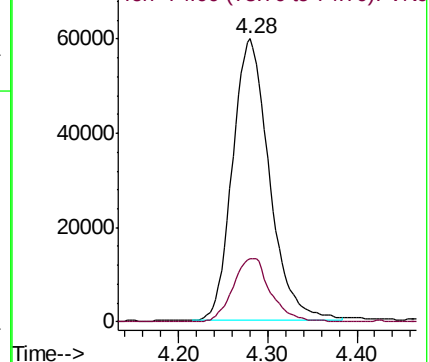
43 100

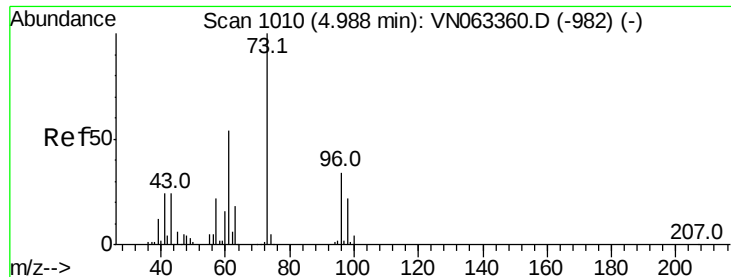
74 22.8 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



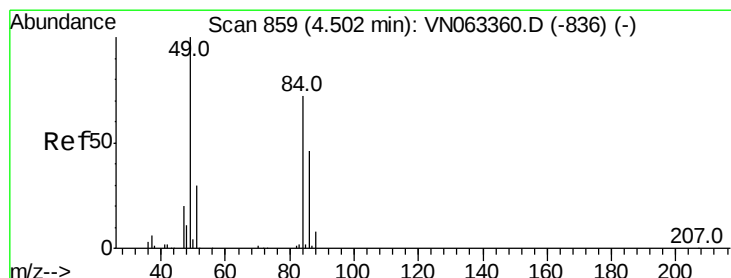
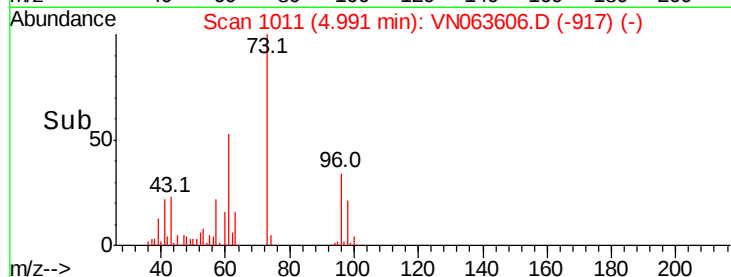
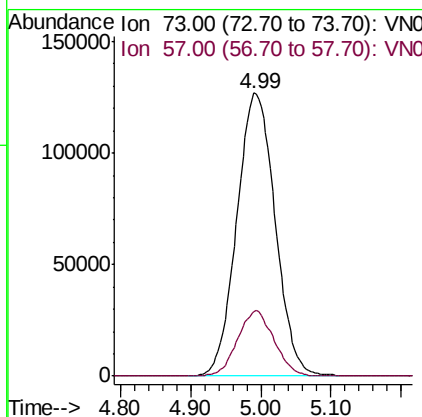
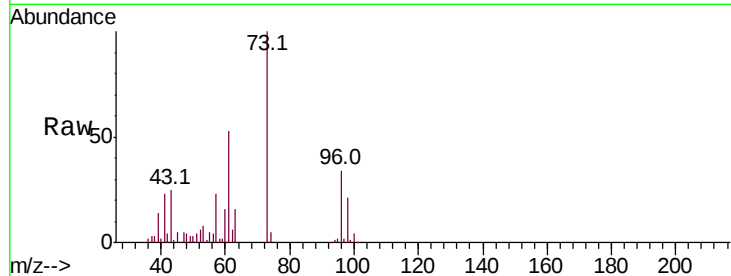


#19

Methyl tert-butyl Ether
 Concen: 48.986 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

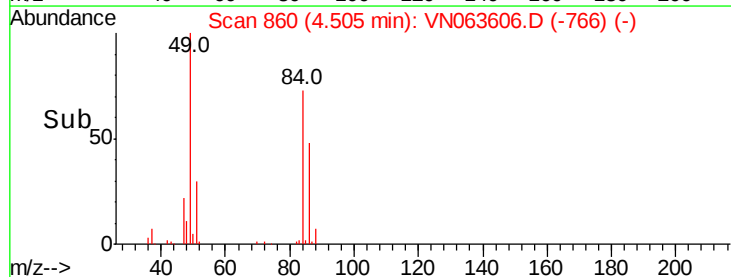
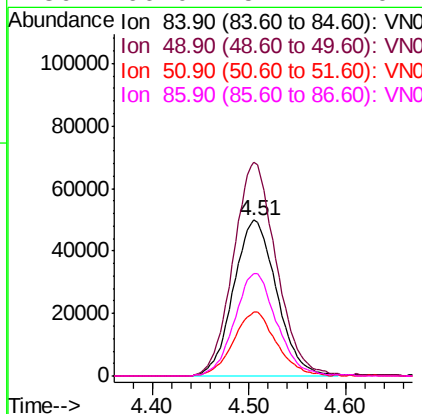
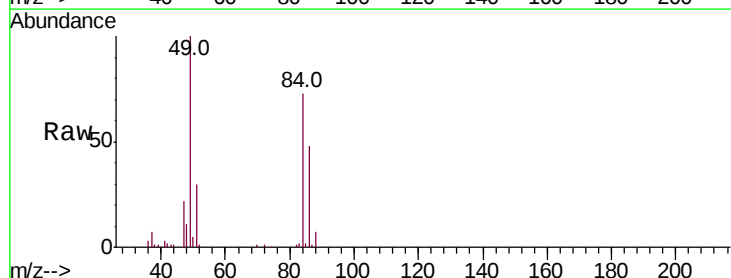
Tot Ion: 73 Resp: 481636
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.9 26.9

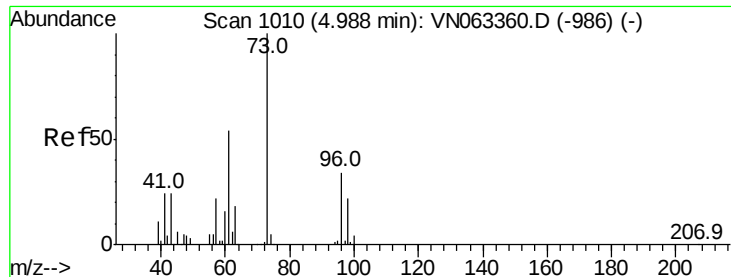


#20

Methylene Chloride
 Concen: 47.753 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

Tgt Ion: 84 Resp: 154731
 Ion Ratio Lower Upper
 84 100
 49 137.1 110.7 166.1
 51 41.2 32.9 49.3
 86 66.0 51.1 76.7

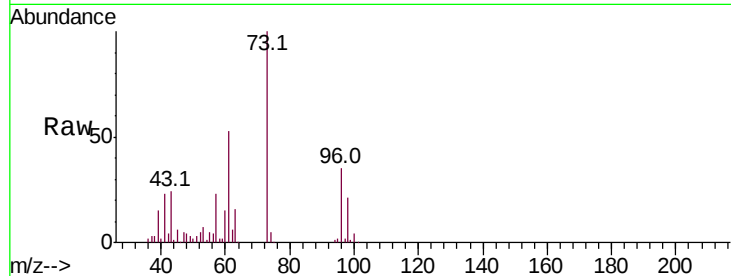




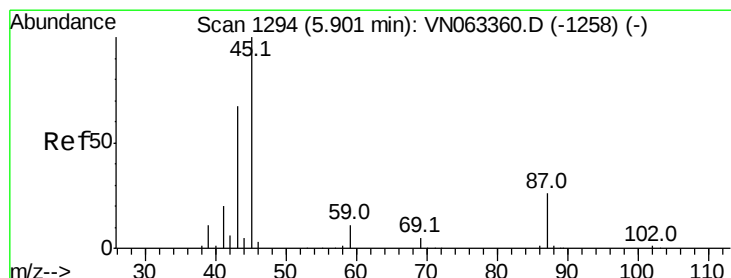
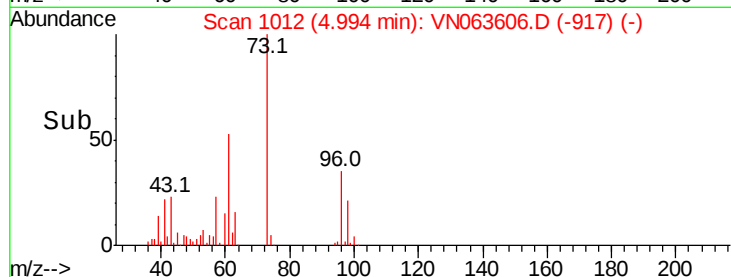
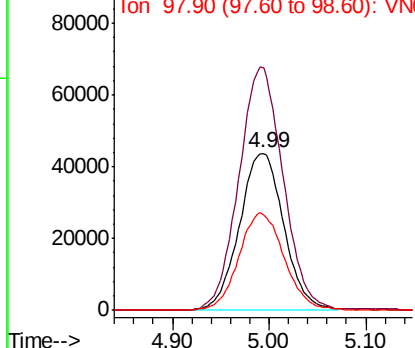
#21
trans-1,2-Dichloroethene
Concen: 47.785 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 139665
Ion Ratio Lower Upper
96 100
61 154.7 126.2 189.4
98 60.7 51.0 76.4

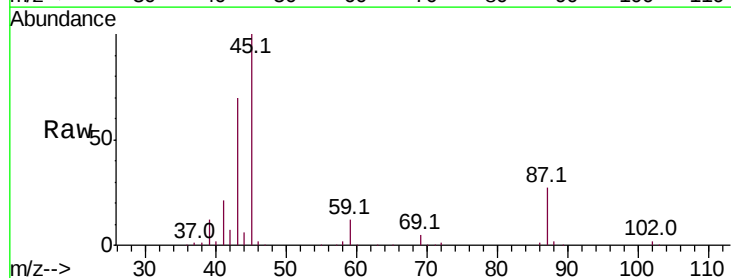


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

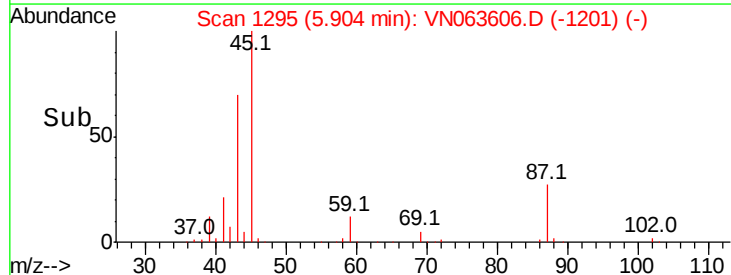
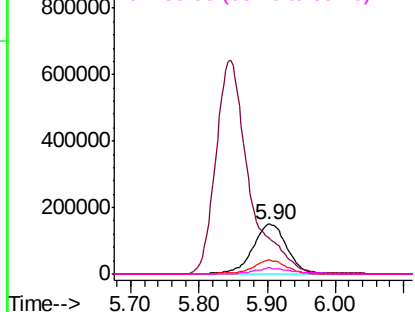


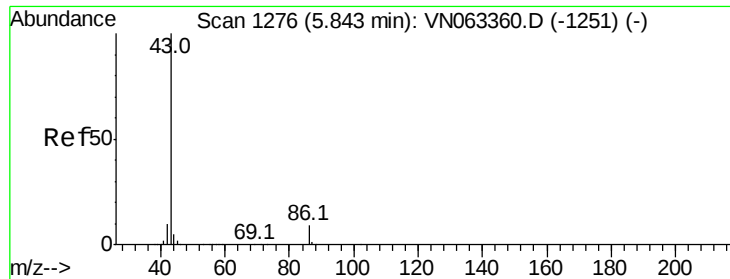
#22
Diisopropyl ether
Concen: 48.794 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 45 Resp: 519276
Ion Ratio Lower Upper
45 100
43 68.9 53.5 80.3
87 27.1 21.2 31.8
59 11.4 8.8 13.2



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





#23

Vinyl Acetate

Concen: 250.302 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

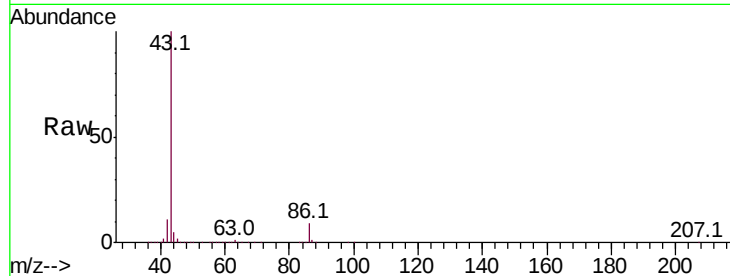
VSTDCCC050EC

Tot Ion: 43 Resp: 2187676

Ion Ratio Lower Upper

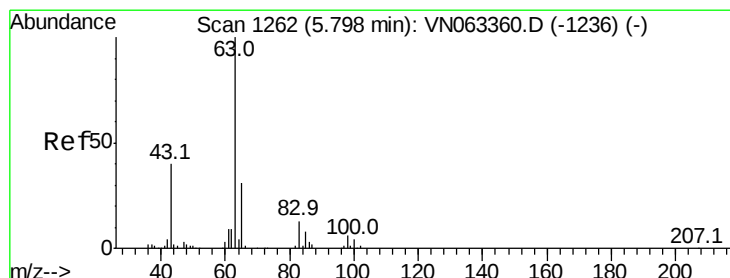
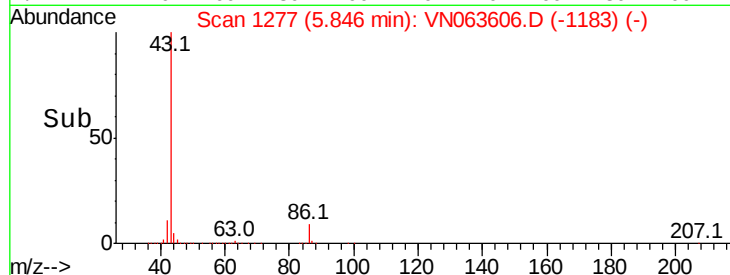
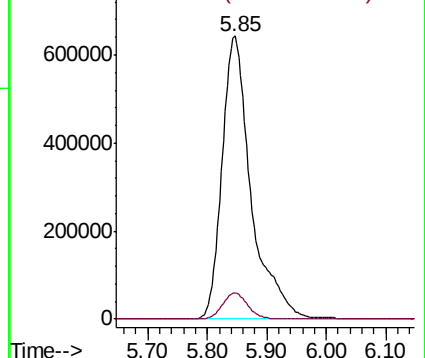
43 100

86 9.2 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.088 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

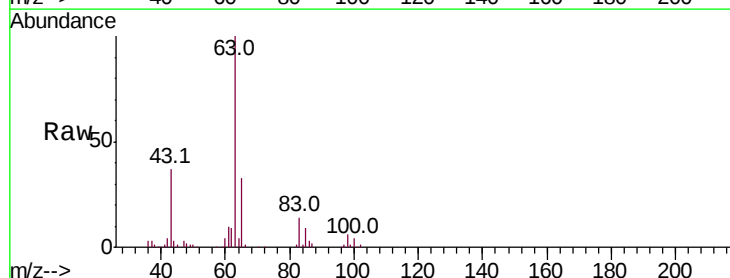
Tgt Ion: 63 Resp: 285209

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

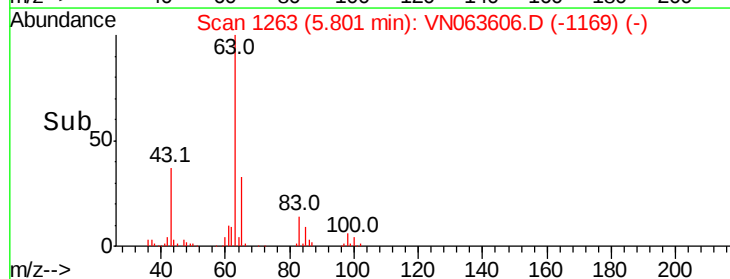
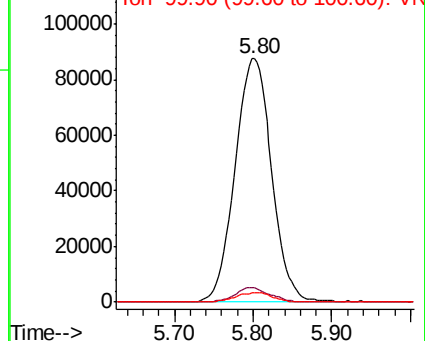
100 3.8 2.1 6.3

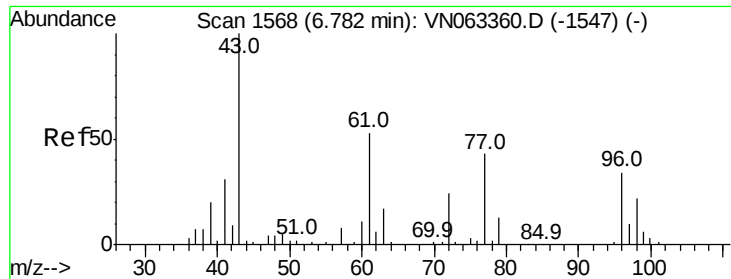


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

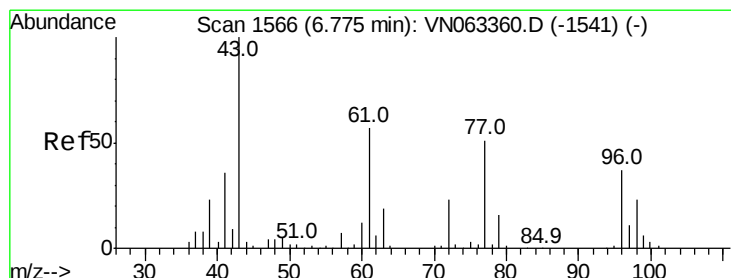
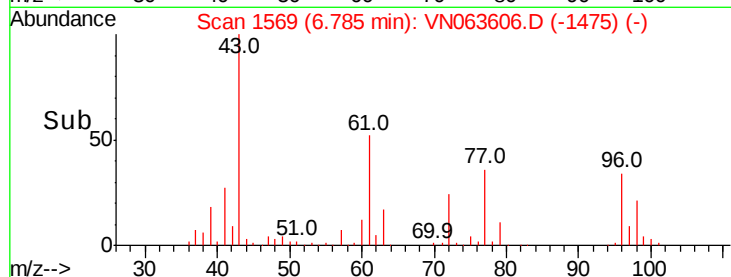
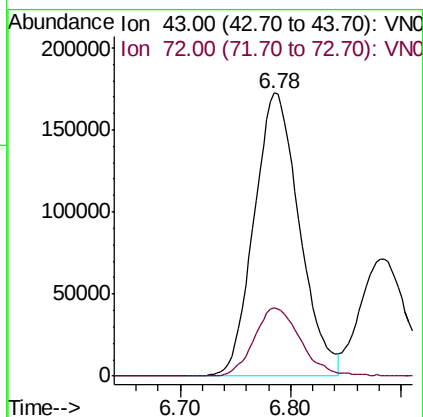
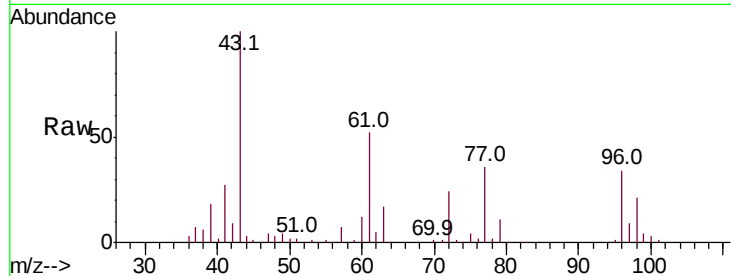




#25
2-Butanone
Concen: 249.828 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

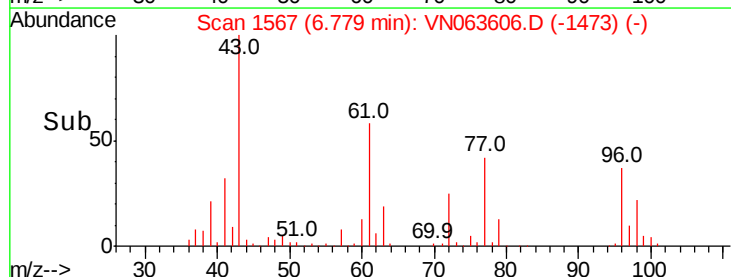
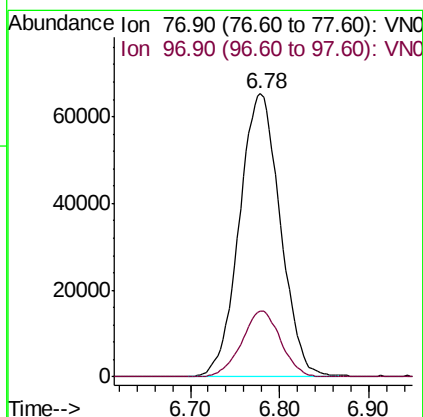
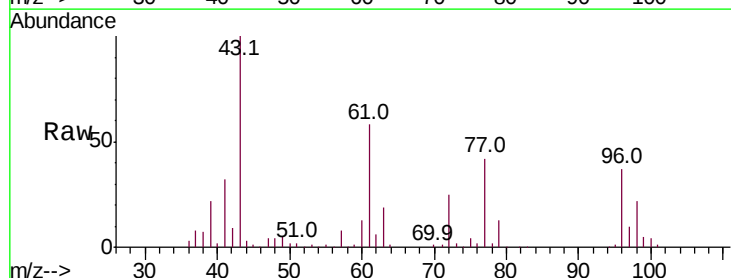
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

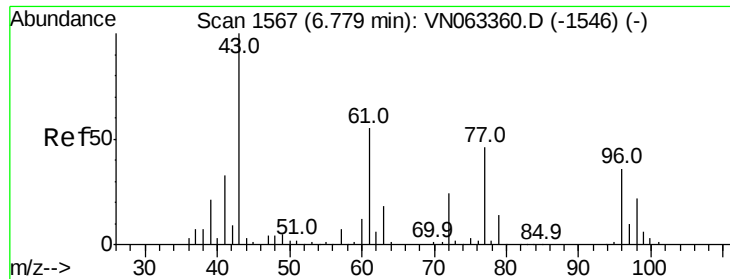
Tot Ion: 43 Resp: 491390
Ion Ratio Lower Upper
43 100
72 24.0 19.2 28.8



#26
2,2-Dichloropropane
Concen: 40.698 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 77 Resp: 208191
Ion Ratio Lower Upper
77 100
97 22.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 51.286 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

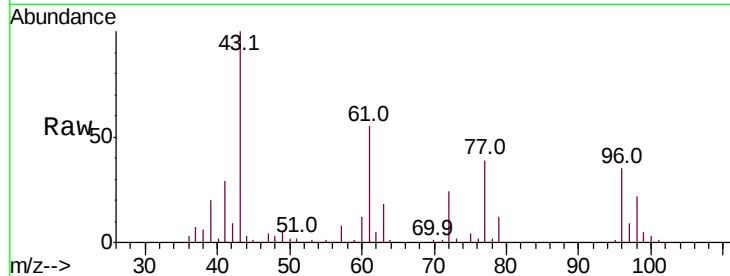
Tot Ion: 96 Resp: 169662

Ion Ratio Lower Upper

96 100

61 155.8 0.0 319.6

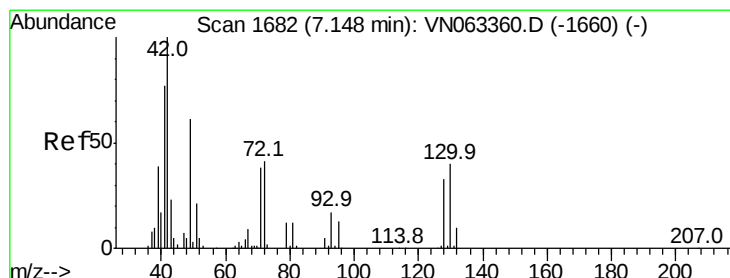
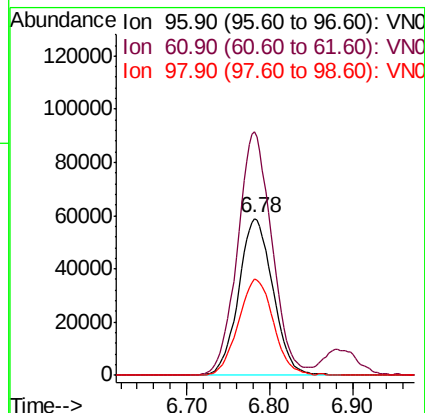
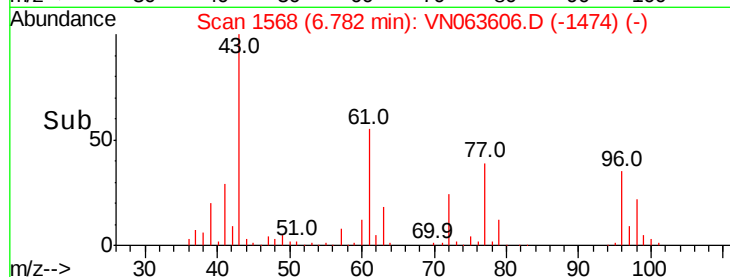
98 62.6 0.0 127.8



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: 51.267 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

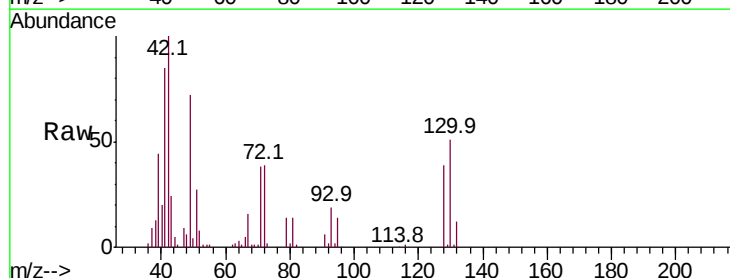
Tgt Ion: 49 Resp: 137536

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

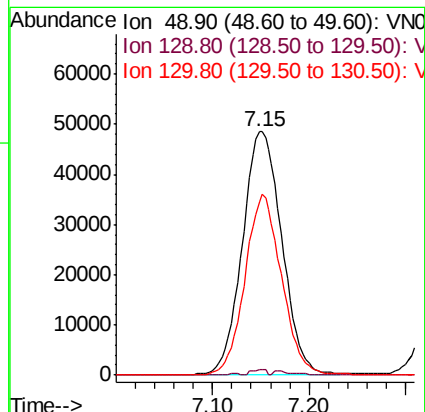
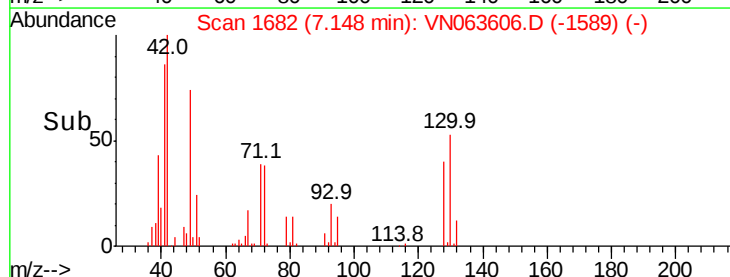
130 68.5 52.2 78.2

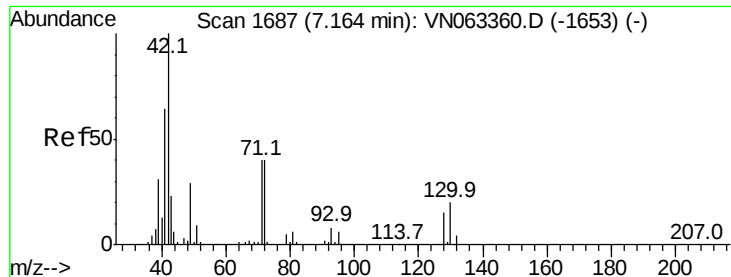


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

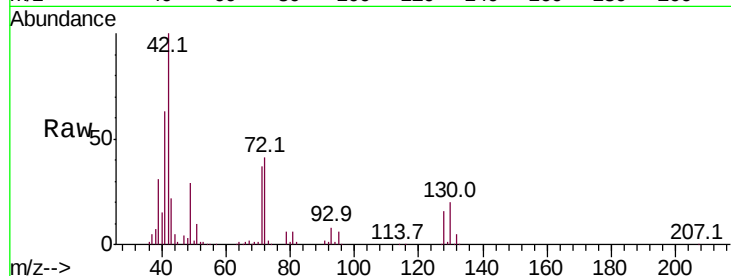




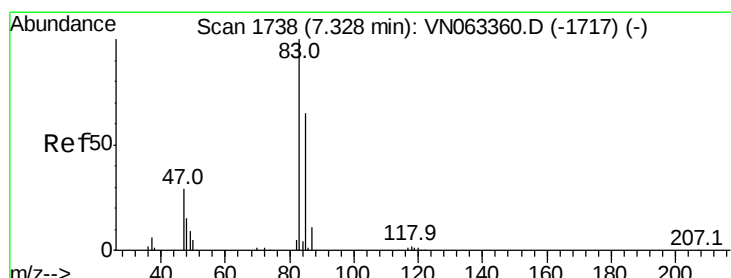
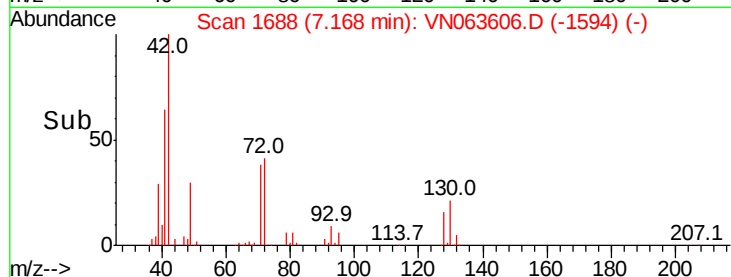
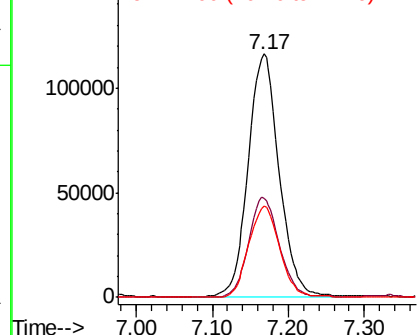
#29
Tetrahydrofuran
Concen: 244.833 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.1	48.1
71	37.7	31.2	46.8

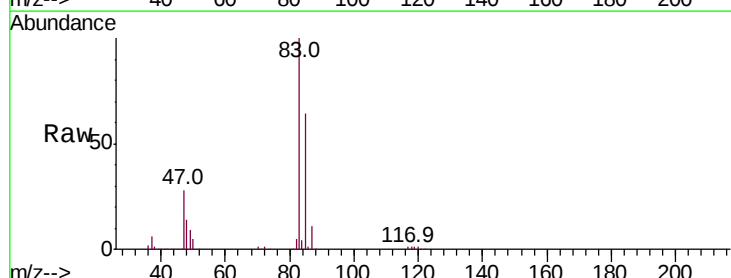


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

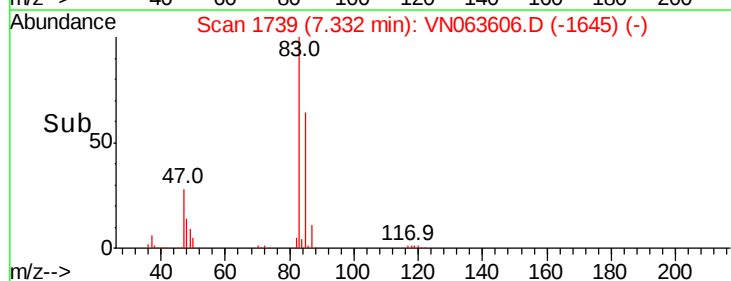
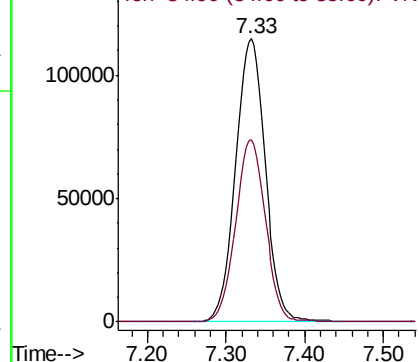


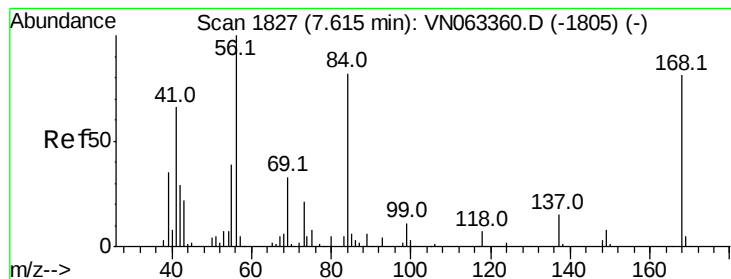
#30
Chloroform
Concen: 51.937 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	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: 41.747 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

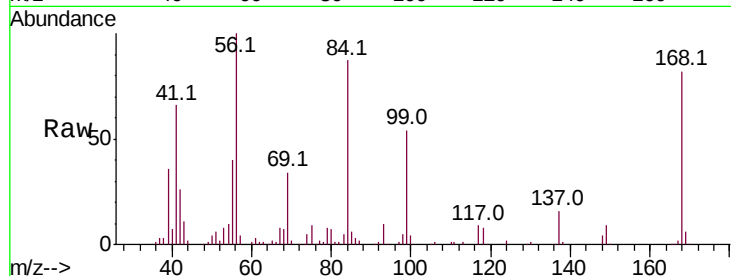
Tot Ion: 56 Resp: 229436

Ion Ratio Lower Upper

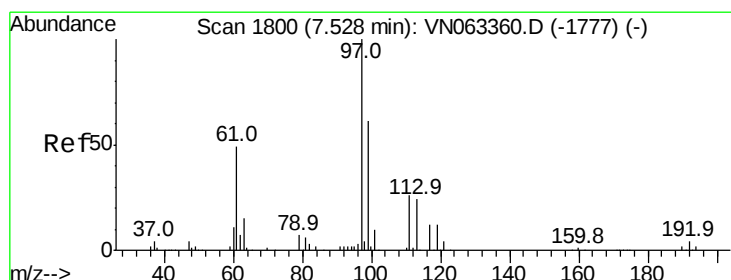
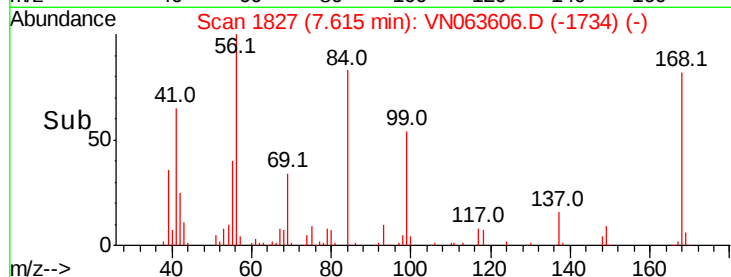
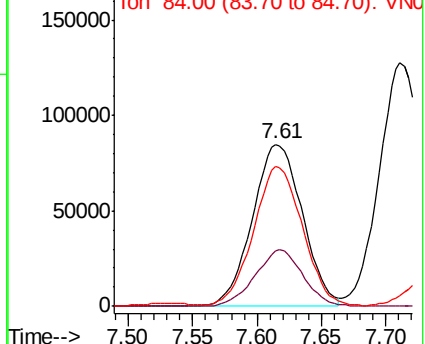
56 100

69 34.4 26.1 39.1

84 85.1 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 51.533 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

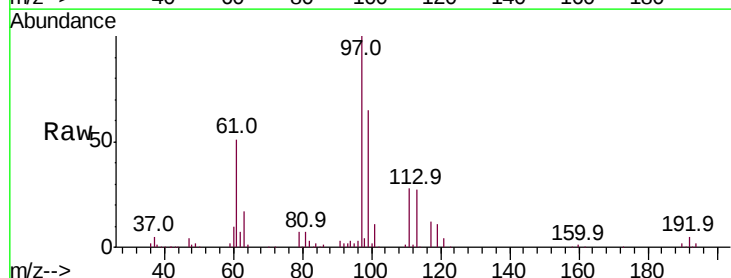
Tgt Ion: 97 Resp: 267185

Ion Ratio Lower Upper

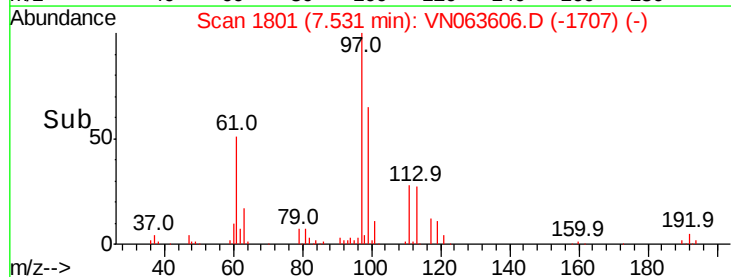
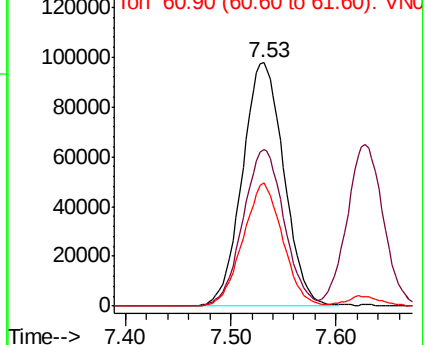
97 100

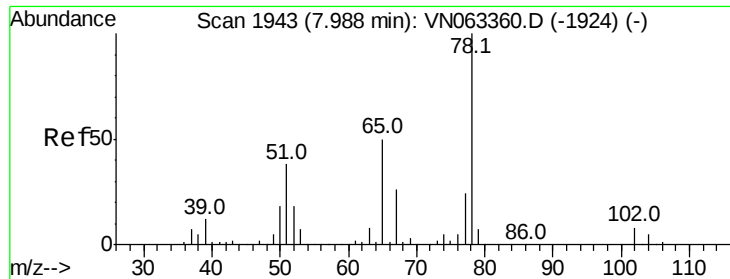
99 63.6 50.6 76.0

61 48.3 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

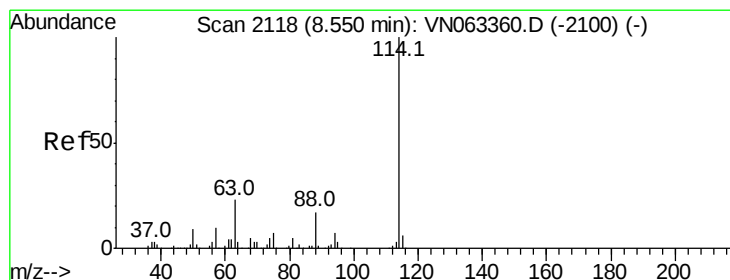
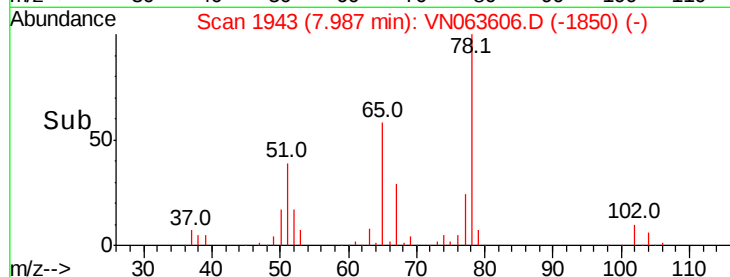
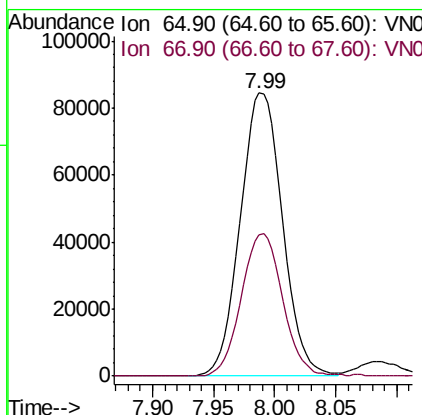
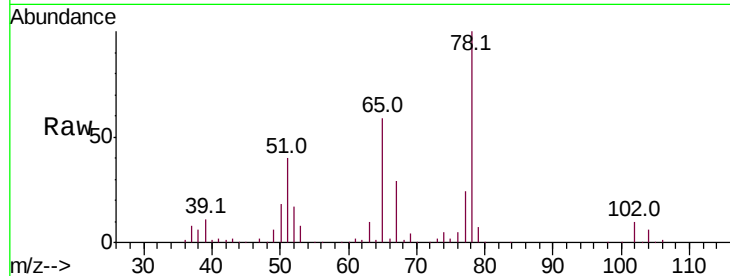




#33
 1,2-Dichloroethane-d4
 Concen: 50.787 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

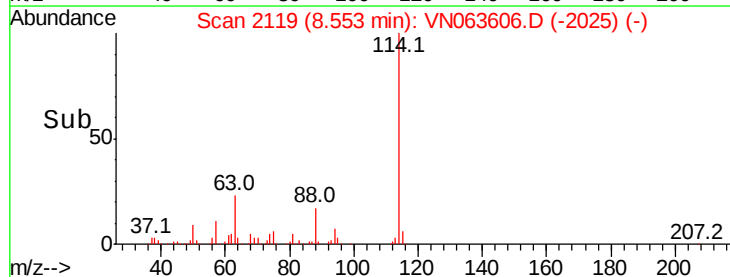
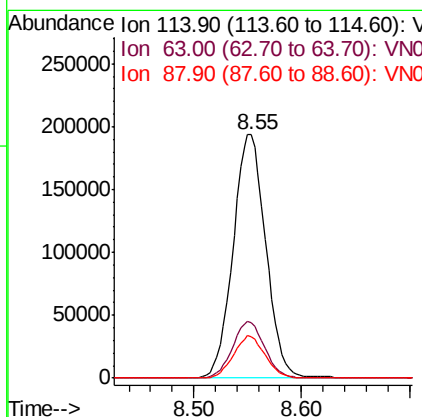
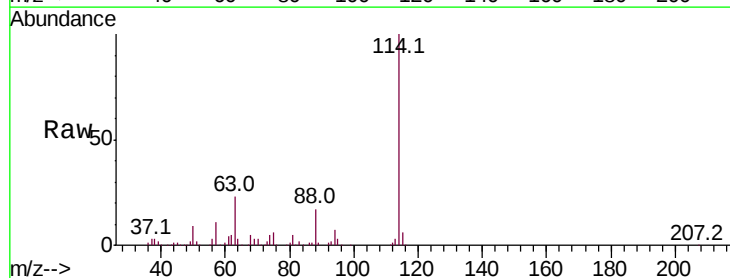
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

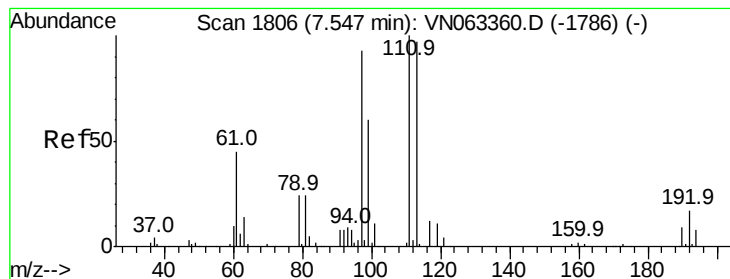
Tot Ion: 65 Resp: 202098
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

Tgt Ion: 114 Resp: 408456
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.479 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

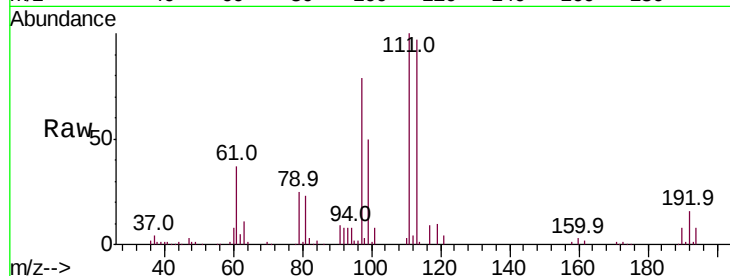
Tot Ion:113 Resp: 139910

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

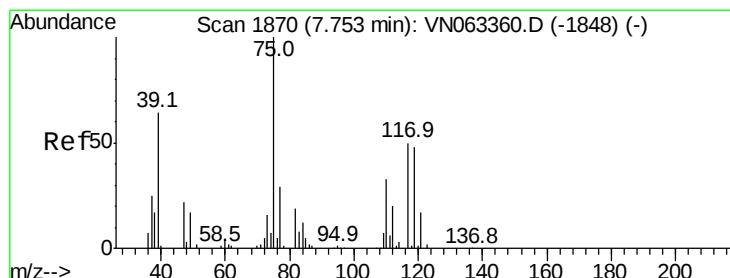
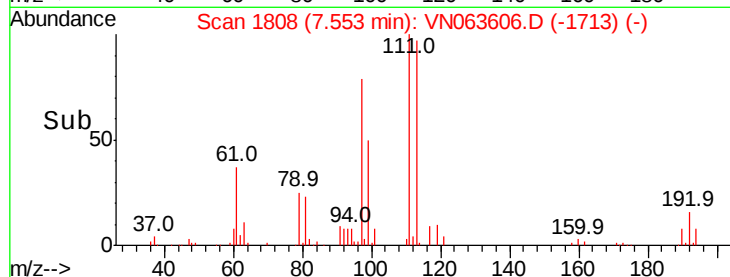
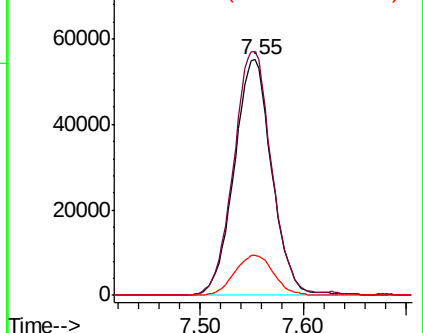
192 17.5 13.9 20.9



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: 49.025 ug/l

RT: 7.76 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

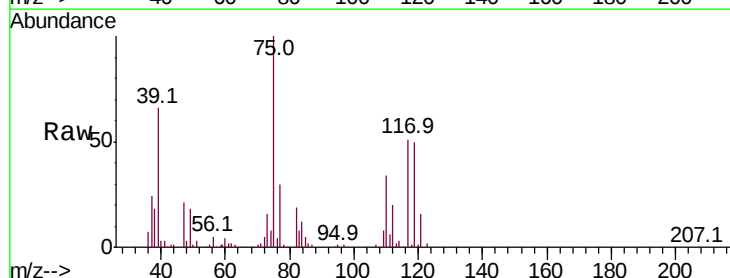
Tgt Ion: 75 Resp: 213334

Ion Ratio Lower Upper

75 100

110 33.1 16.5 49.5

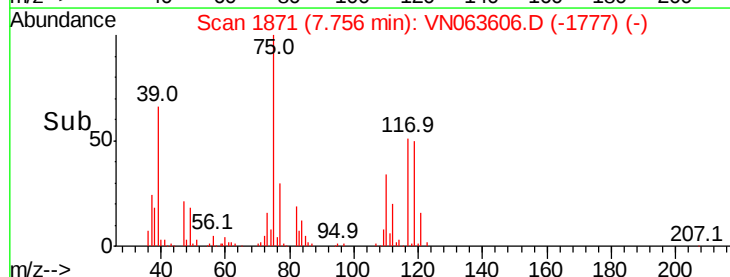
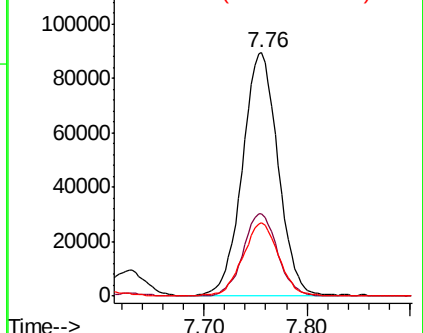
77 30.6 24.6 36.8

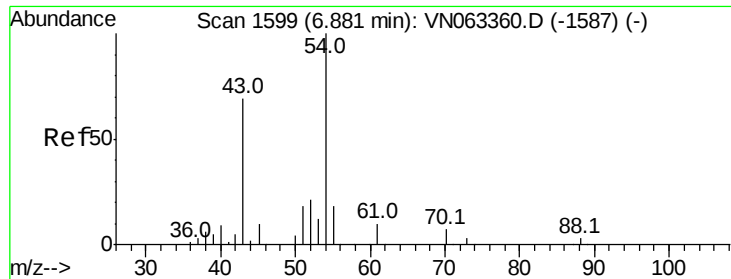


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

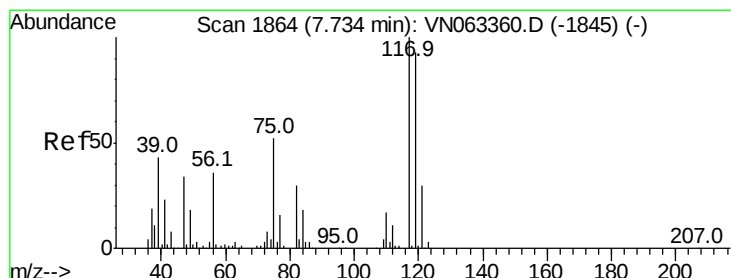
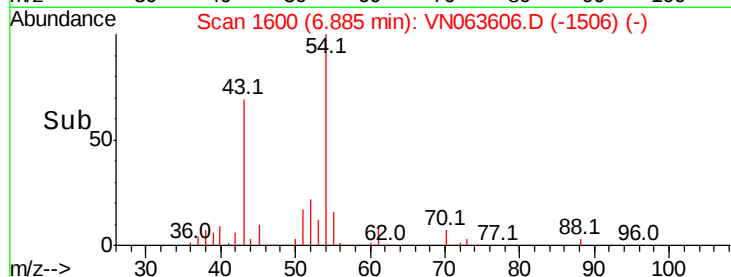
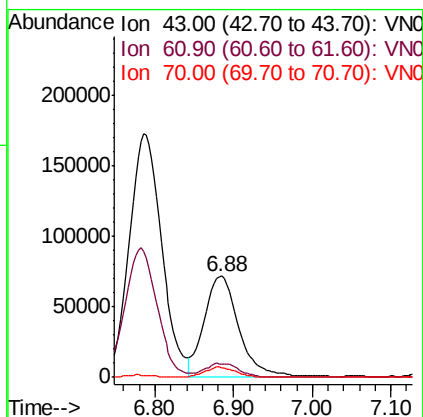
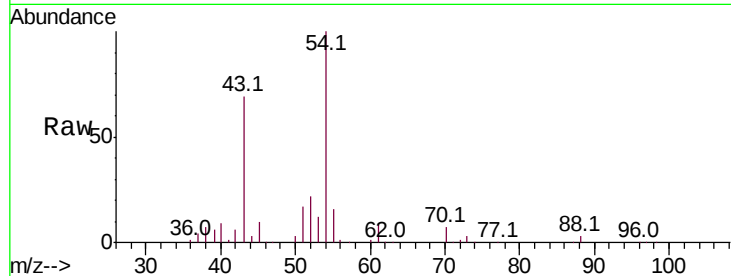




#37
Ethyl Acetate
Concen: 50.397 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

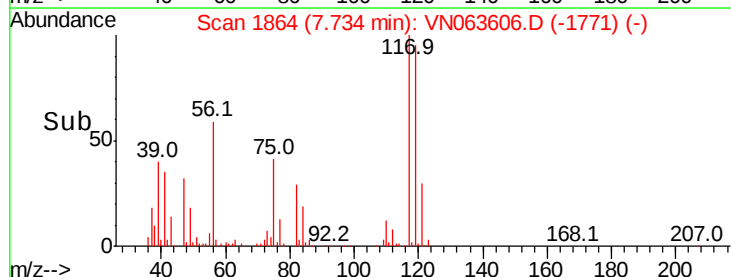
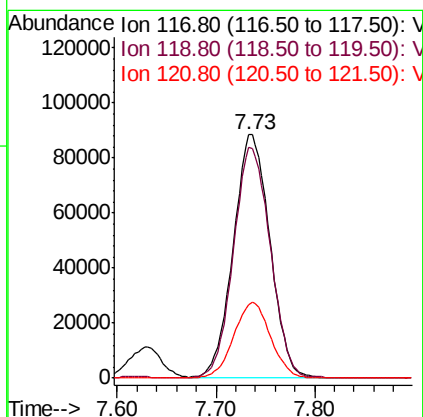
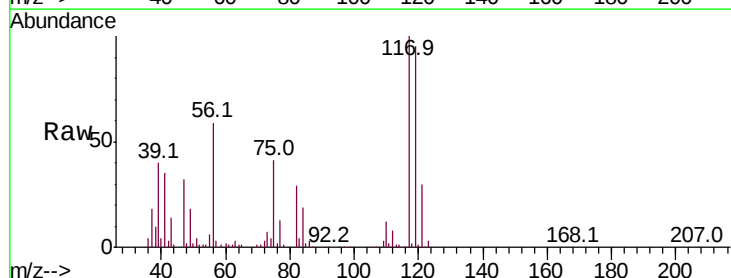
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

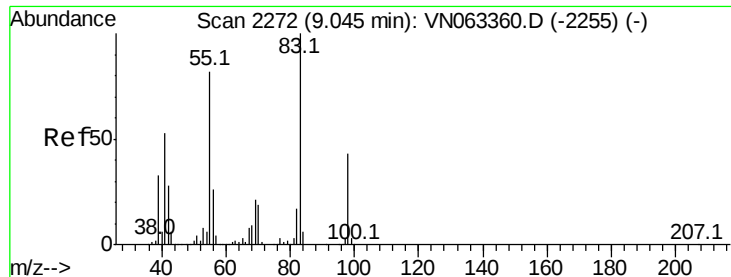
Tot Ion: 43 Resp: 215237
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.315 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 117 Resp: 227942
Ion Ratio Lower Upper
117 100
119 94.9 74.5 111.7
121 30.2 24.1 36.1

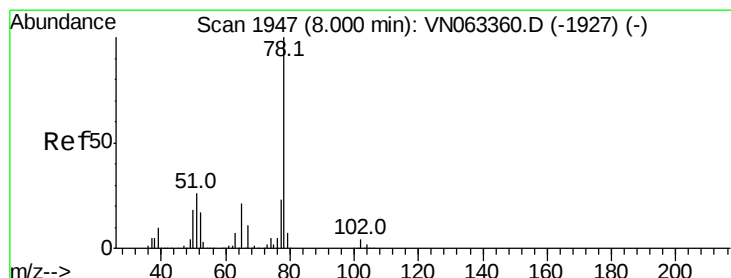
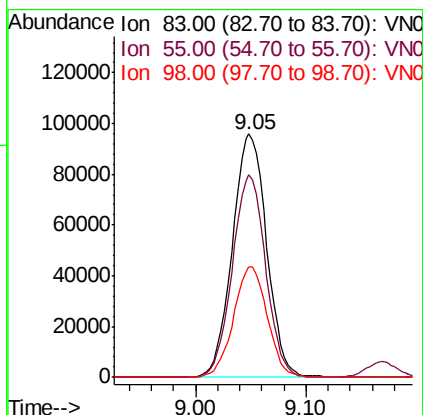
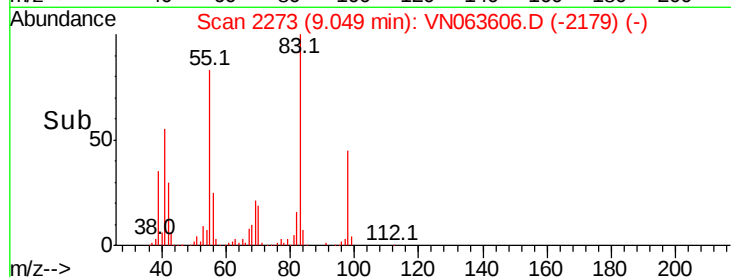
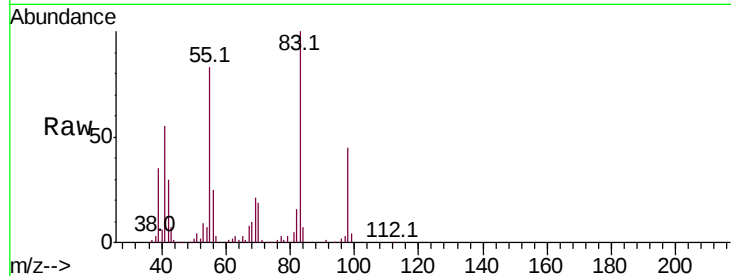




#39
Methvlcvclohexane
Concen: 43.743 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

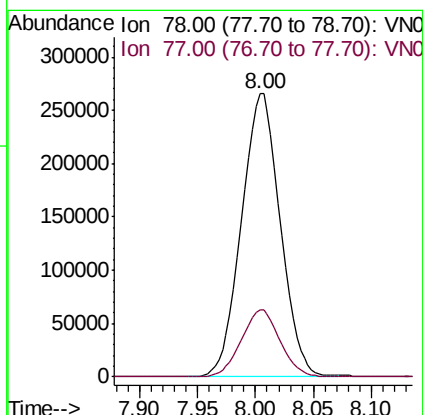
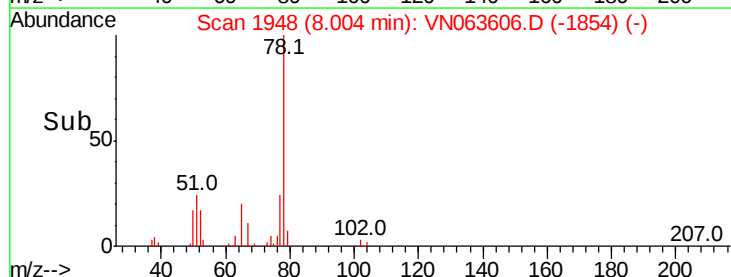
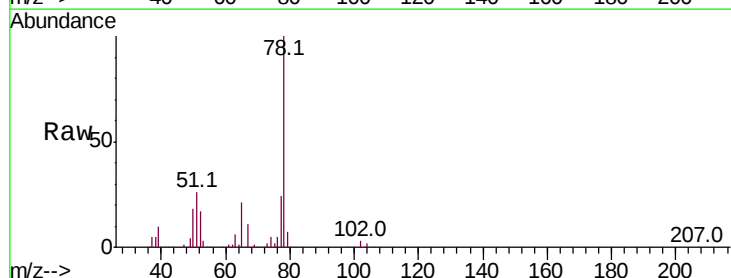
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

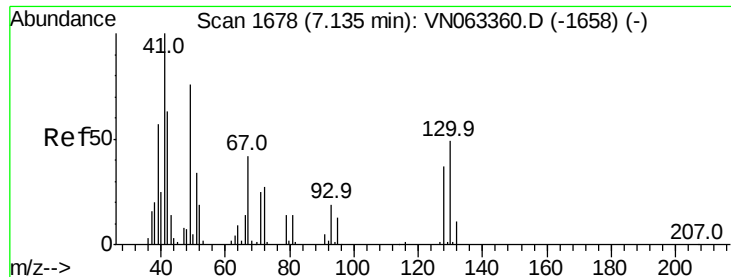
Tot Ion: 83 Resp: 206588
Ion Ratio Lower Upper
83 100
55 83.1 65.5 98.3
98 45.4 34.2 51.4



#40
Benzene
Concen: 49.874 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 78 Resp: 619530
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5

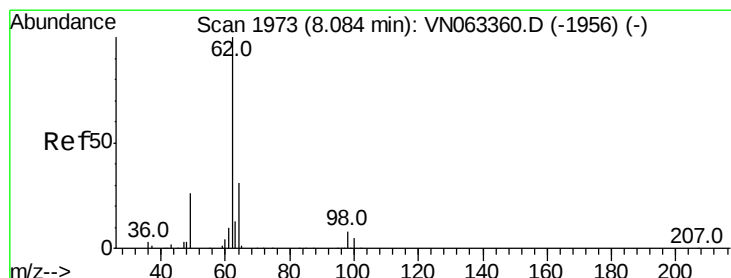
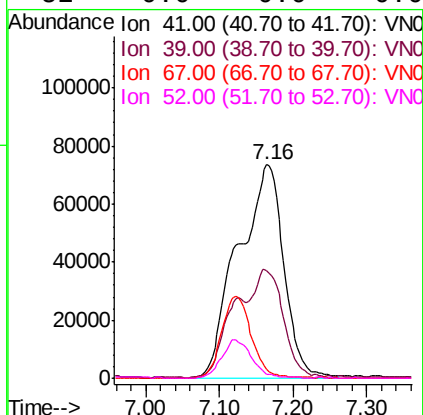
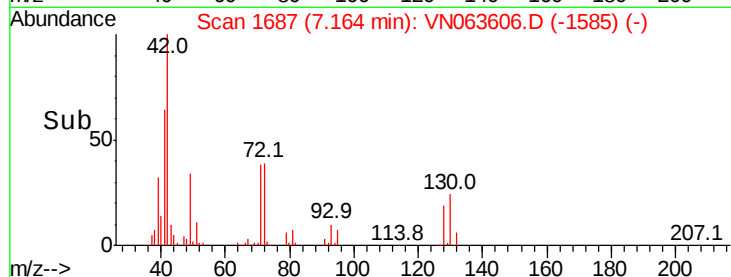
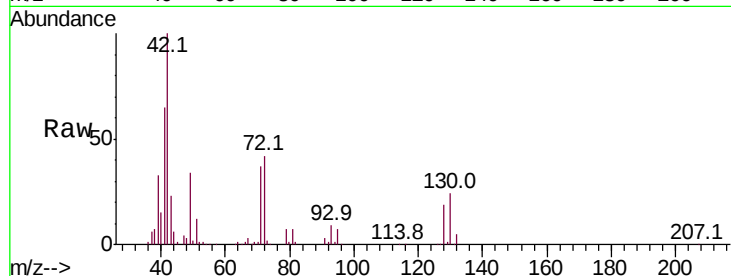




#41
Methacrylonitrile
Concen: 165.309 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

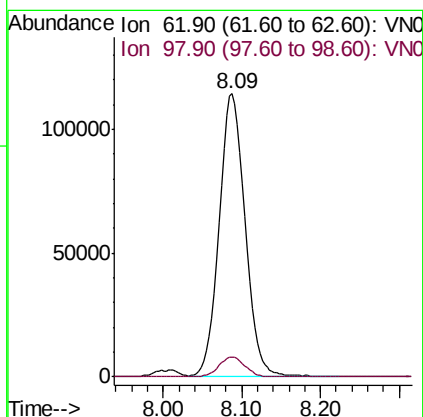
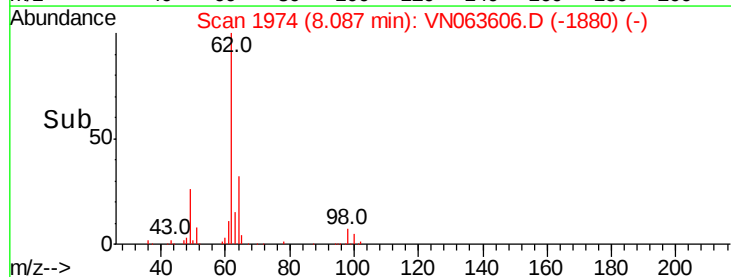
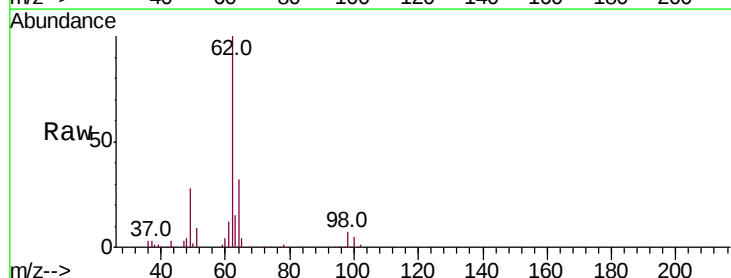
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

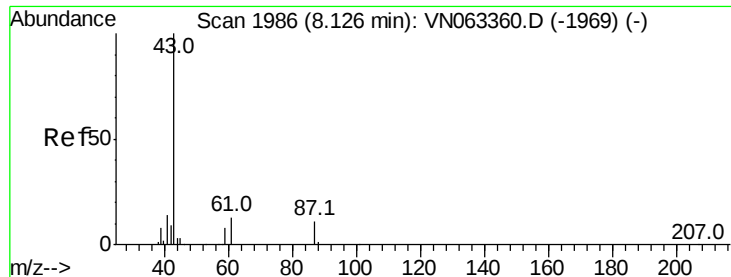
Tot Ion:	41	Resp:	317536
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.957 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion:	62	Resp:	259550
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.6





#43

Isopropyl Acetate

Concen: 48.021 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

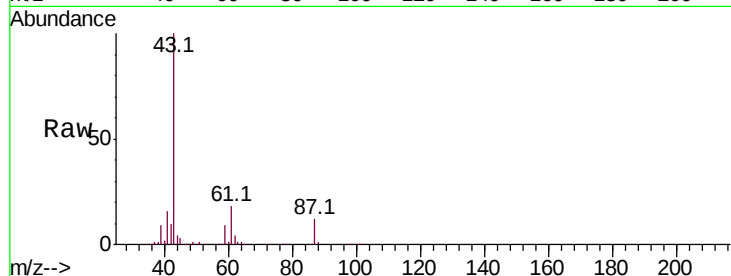
Tot Ion: 43 Resp: 366718

Ion Ratio Lower Upper

43 100

61 17.4 14.2 21.2

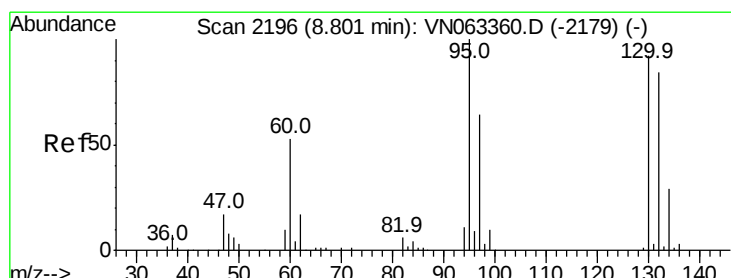
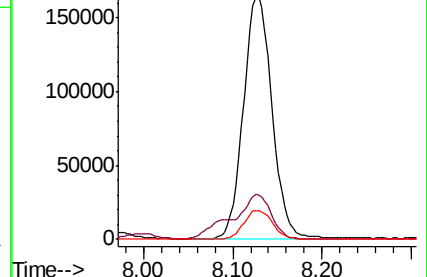
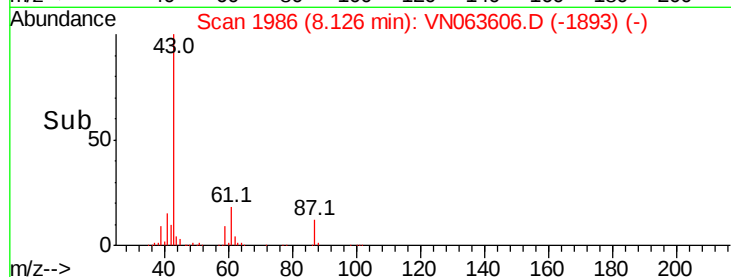
87 12.1 9.0 13.6



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

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

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



#44

Trichloroethene

Concen: 50.500 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063606.D

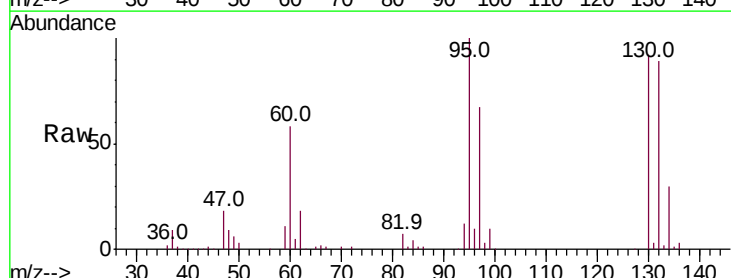
Acq: 23 Sep 2020 22:06

Tgt Ion: 130 Resp: 152150

Ion Ratio Lower Upper

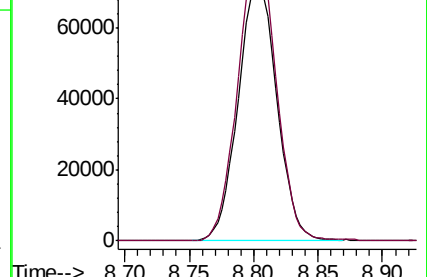
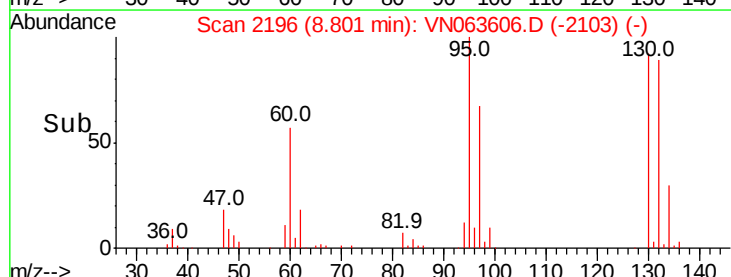
130 100

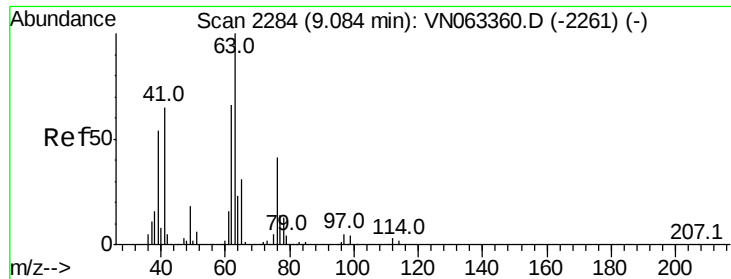
95 109.0 0.0 217.4



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

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





#45

1,2-Dichloropropane

Concen: 49.987 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

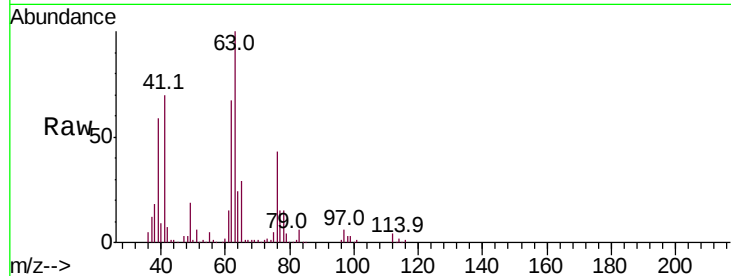
VSTDCCC050EC

Tot Ion: 63 Resp: 169117

Ion Ratio Lower Upper

63 100

65 29.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

80000

60000

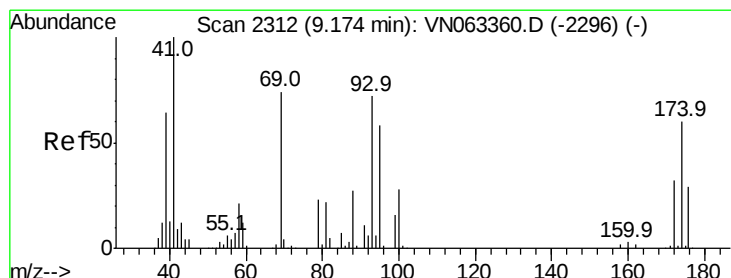
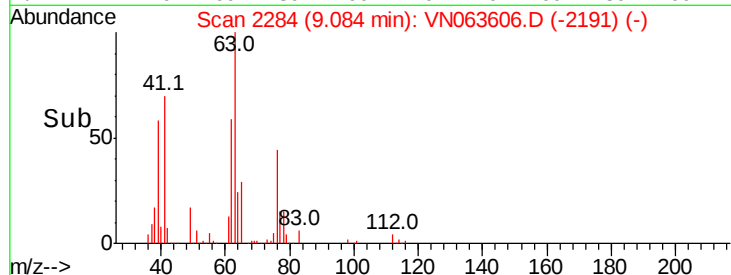
40000

20000

0

Time-->

9.00 9.10



#46

Dibromomethane

Concen: 52.314 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

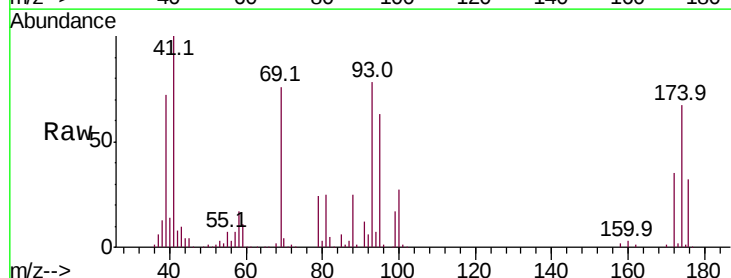
Tgt Ion: 93 Resp: 116327

Ion Ratio Lower Upper

93 100

95 81.2 65.6 98.4

174 85.6 68.1 102.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.18

60000

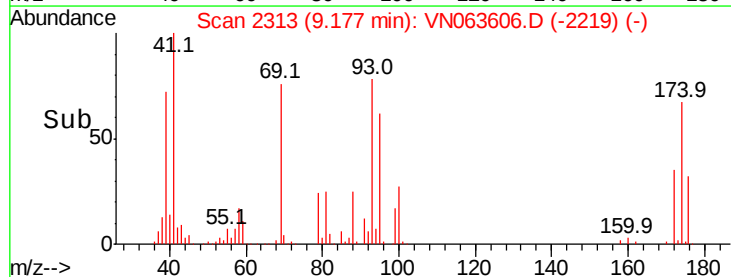
40000

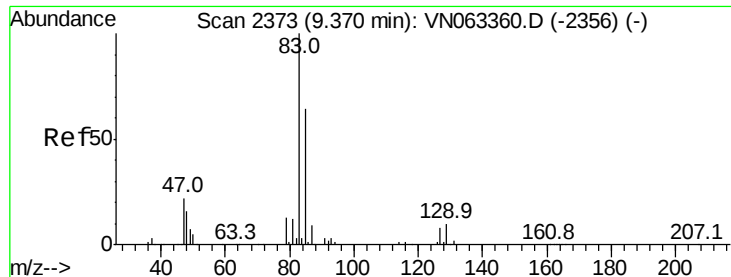
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 51.863 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

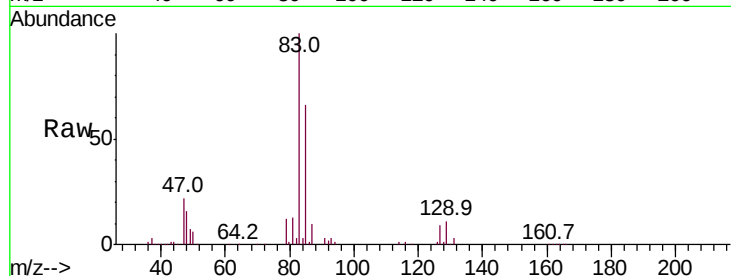
Tot Ion: 83 Resp: 239584

Ion Ratio Lower Upper

83 100

85 66.1 51.0 76.6

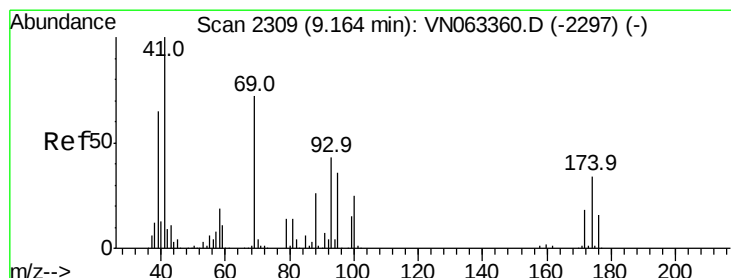
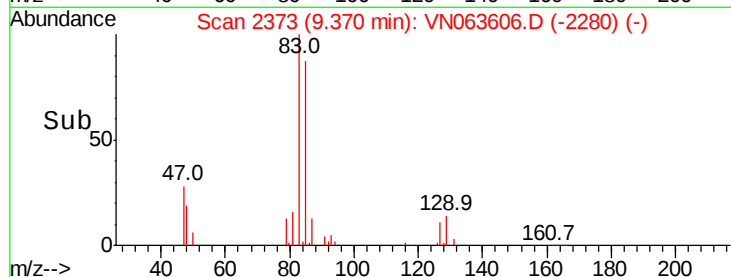
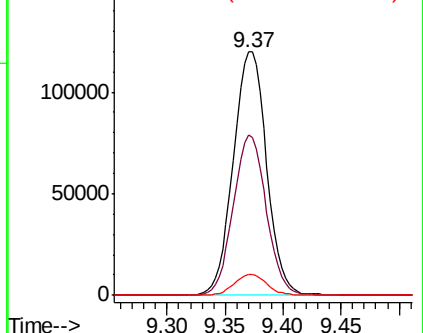
127 8.6 6.3 9.5



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: 49.288 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

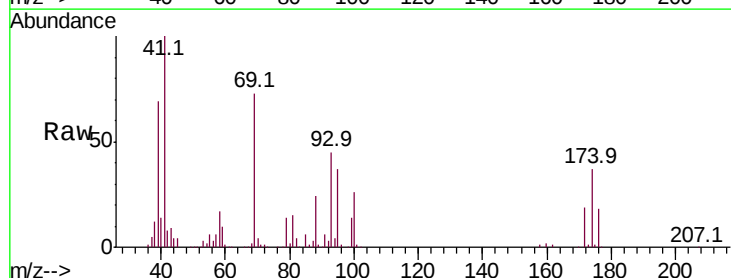
Tgt Ion: 41 Resp: 184925

Ion Ratio Lower Upper

41 100

69 74.6 59.3 88.9

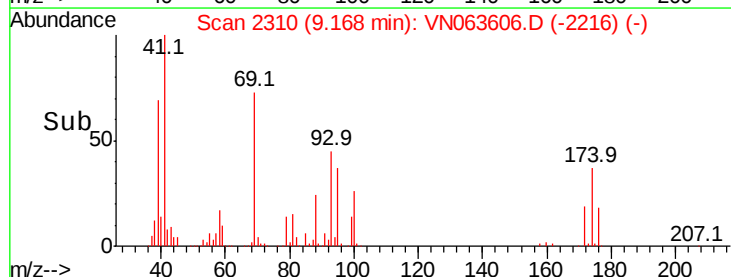
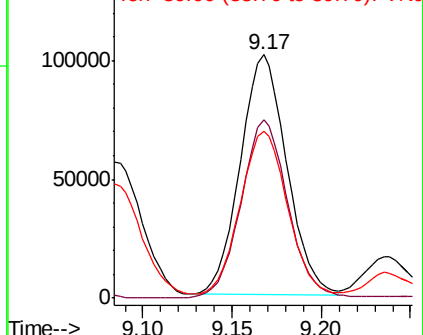
39 71.4 52.9 79.3

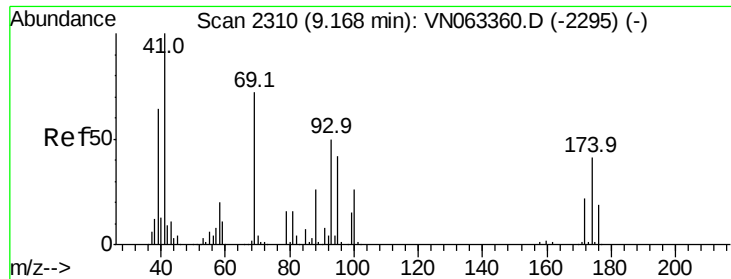


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

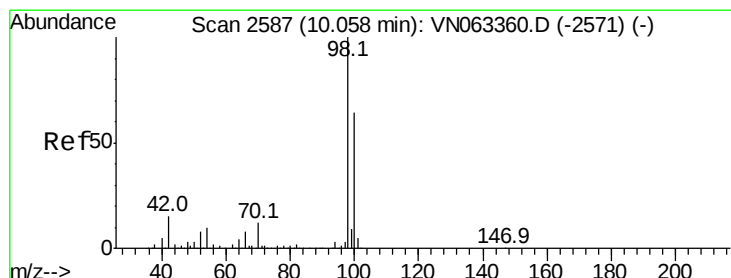
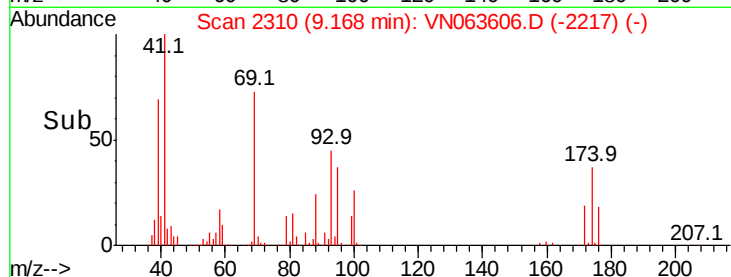
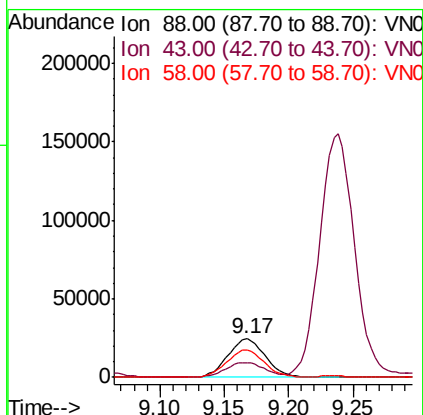
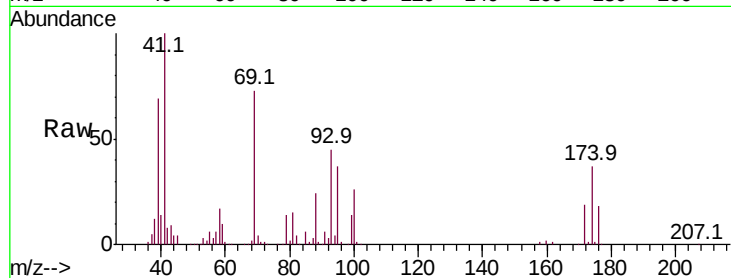




#49
1,4-Dioxane
Concen: 925.416 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

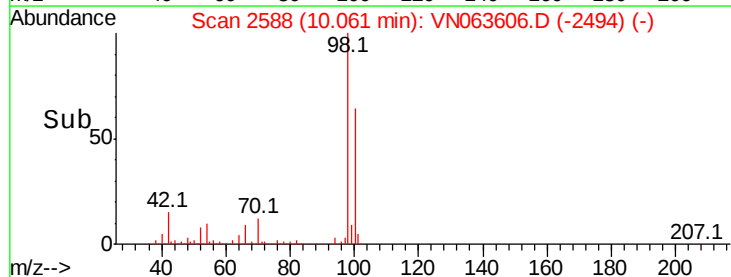
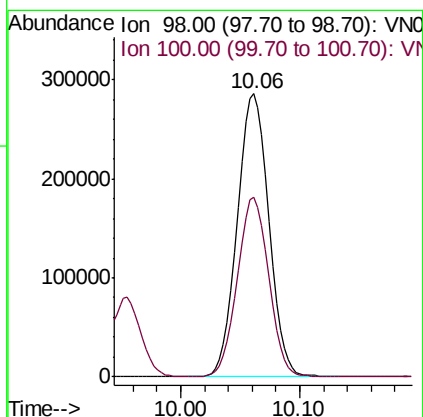
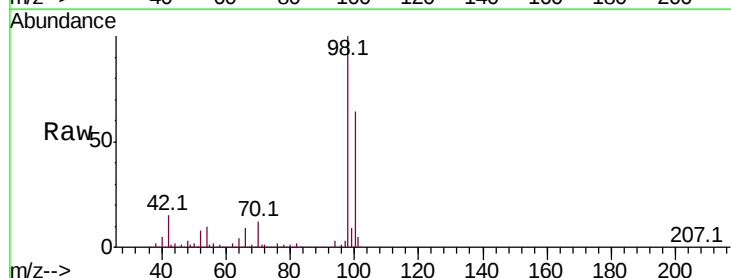
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

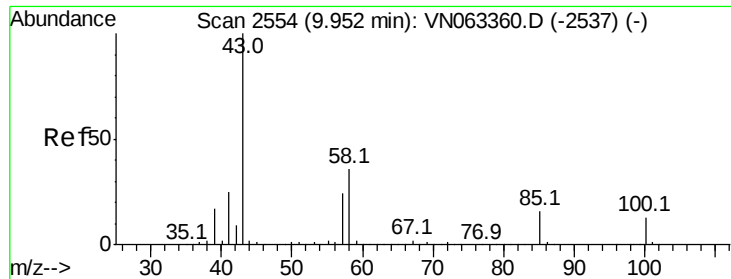
Tot Ion: 88 Resp: 49827
Ion Ratio Lower Upper
88 100
43 38.1 32.6 49.0
58 71.5 60.0 90.0



#50
Toluene-d8
Concen: 49.600 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 98 Resp: 527370
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 259.149 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

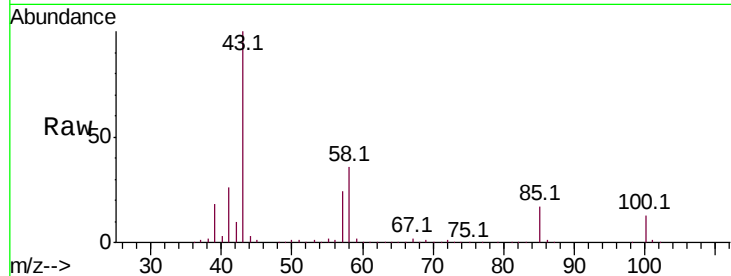
VSTDCCC050EC

Tot Ion: 43 Resp: 1107934

Ion Ratio Lower Upper

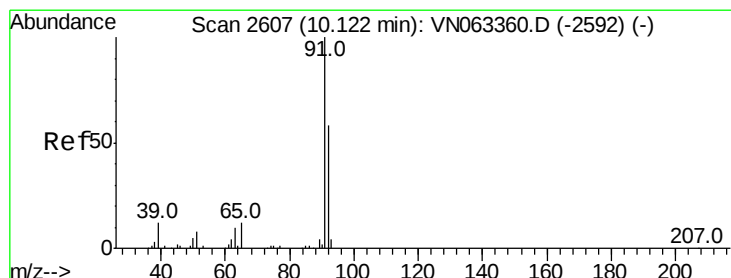
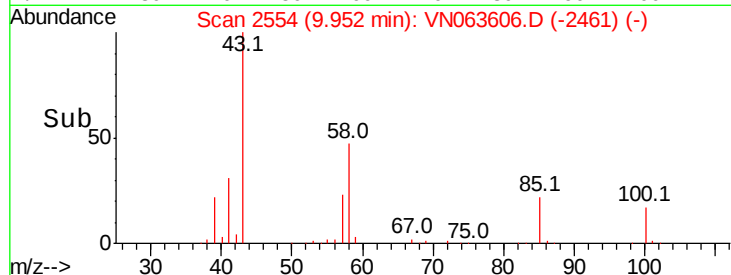
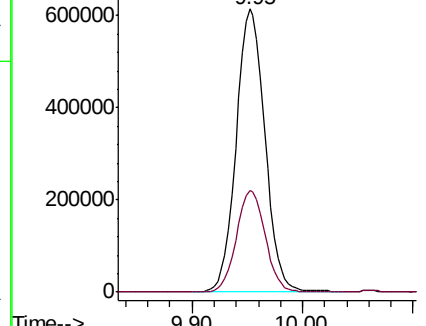
43 100

58 36.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.936 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063606.D

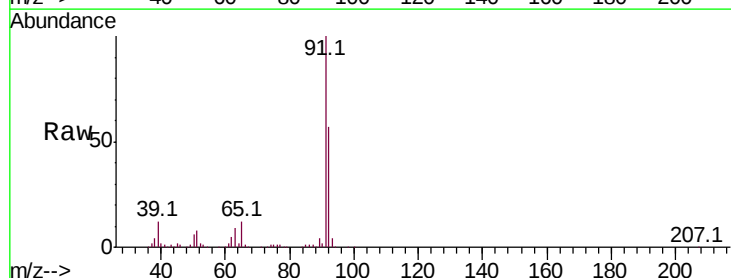
Acq: 23 Sep 2020 22:06

Tgt Ion: 92 Resp: 387888

Ion Ratio Lower Upper

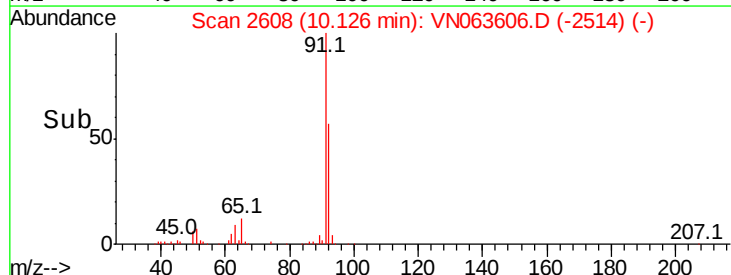
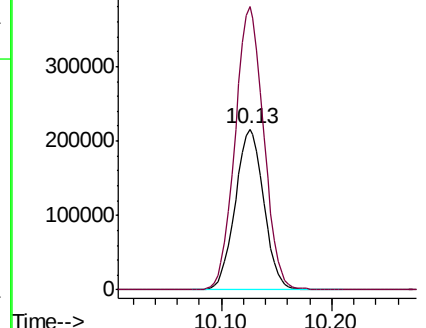
92 100

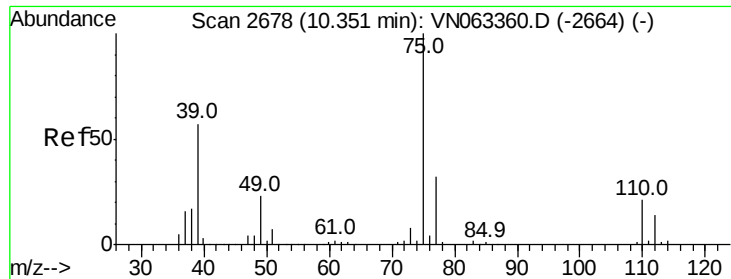
91 176.8 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 49.233 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

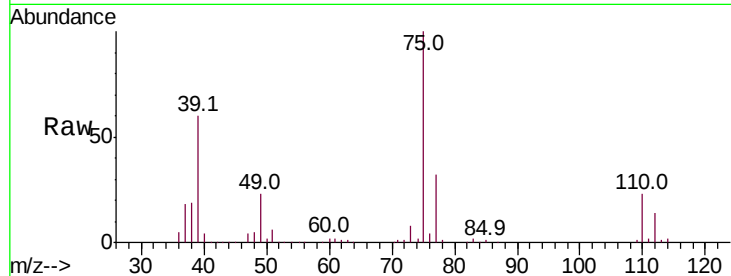
VSTDCCC050EC

Tot Ion: 75 Resp: 253904

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

150000

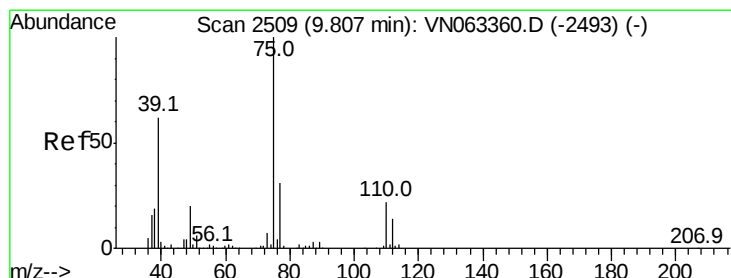
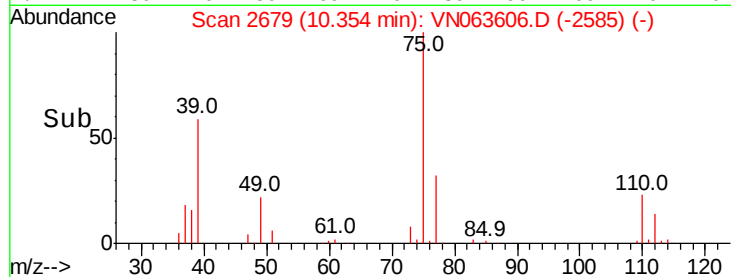
100000

50000

0

10.30 10.40

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.657 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

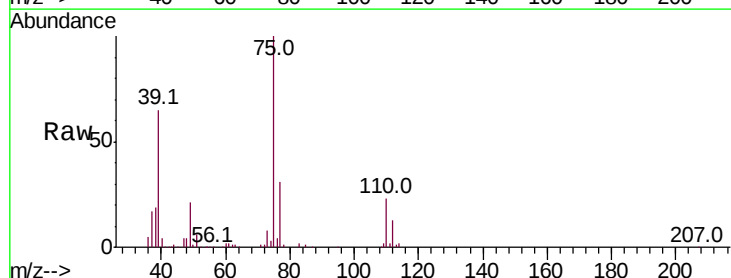
Tgt Ion: 75 Resp: 264687

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 64.5 49.8 74.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

150000

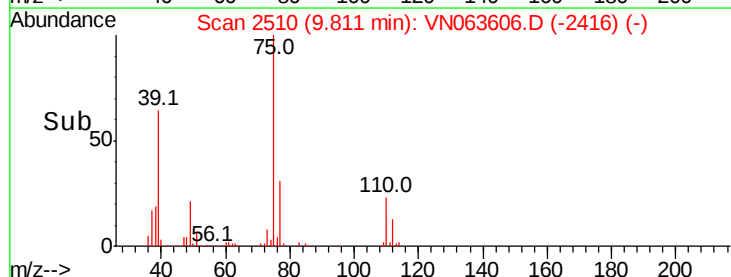
100000

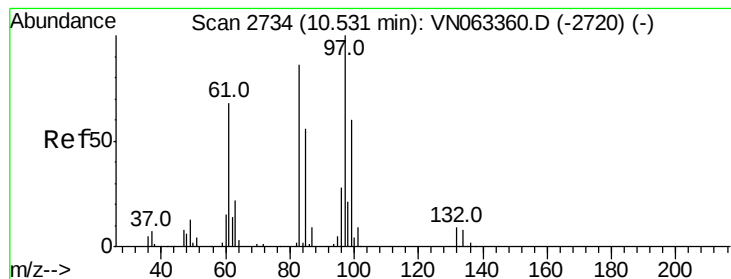
50000

0

9.70 9.75 9.80 9.85 9.90

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.408 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 155470

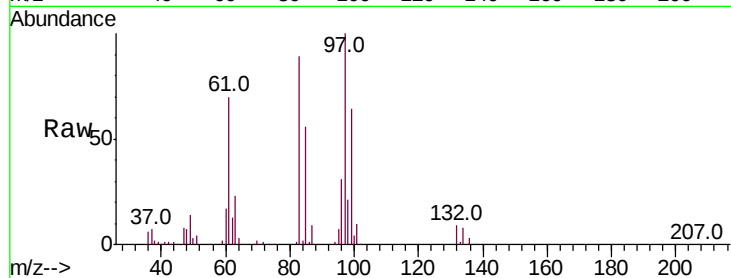
Ion Ratio Lower Upper

97 100

83 88.8 68.9 103.3

85 56.5 44.8 67.2

99 63.6 47.8 71.8

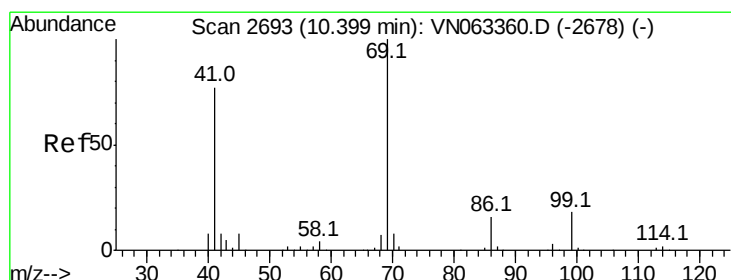
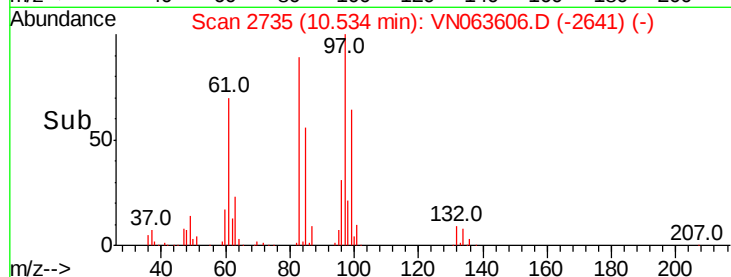
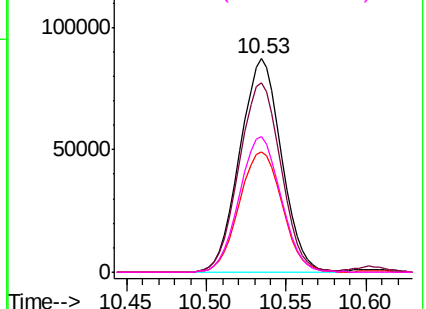


Abundance Ion 96.90 (96.60 to 97.60): VNO

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: 51.063 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

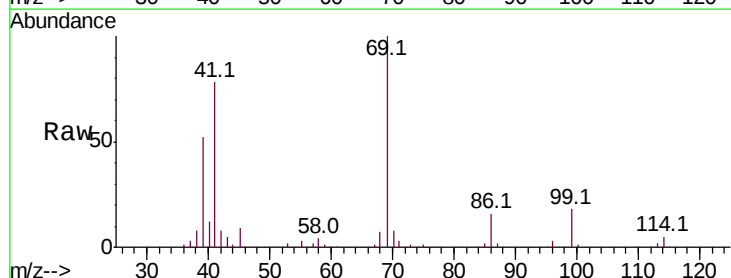
Tgt Ion: 69 Resp: 236477

Ion Ratio Lower Upper

69 100

41 75.8 61.0 91.6

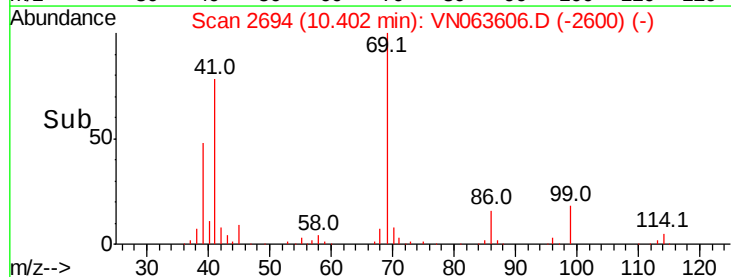
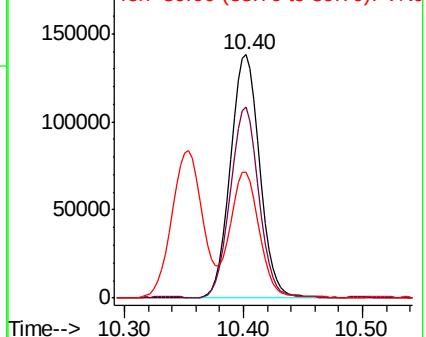
39 50.1 39.2 58.8



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: 50.017 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

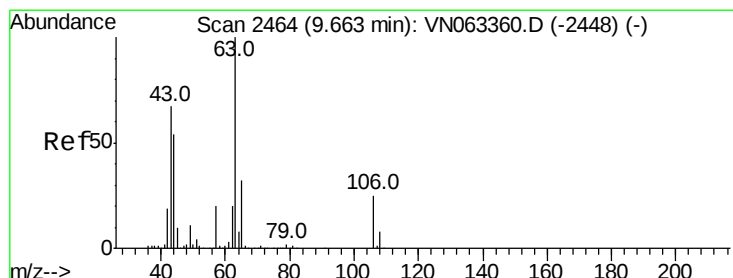
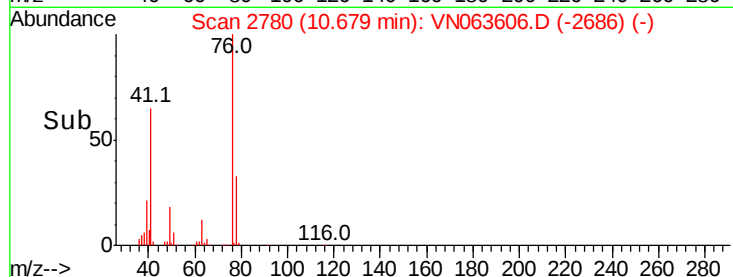
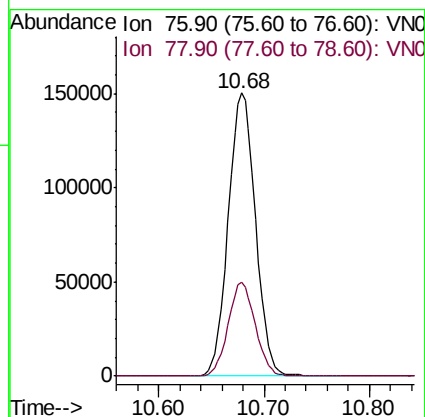
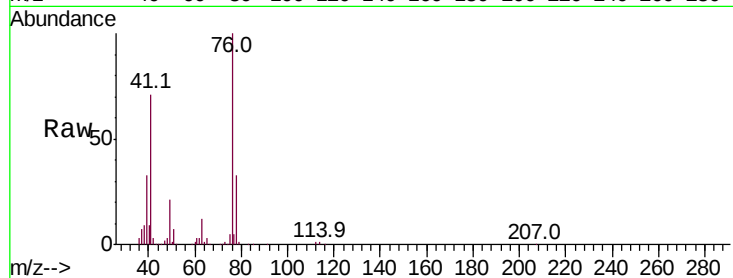
VSTDCCC050EC

Tot Ion: 76 Resp: 267575

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 242.077 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063606.D

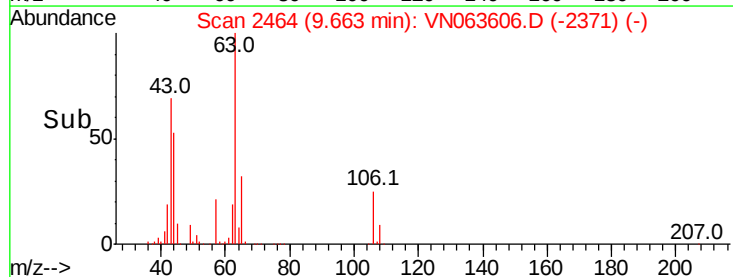
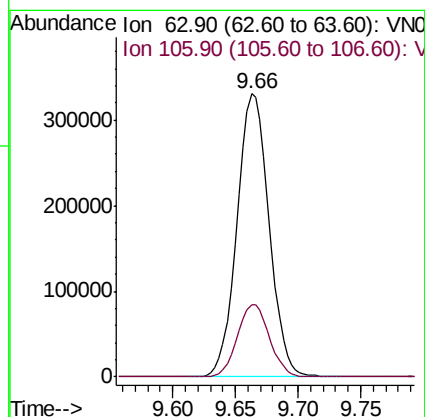
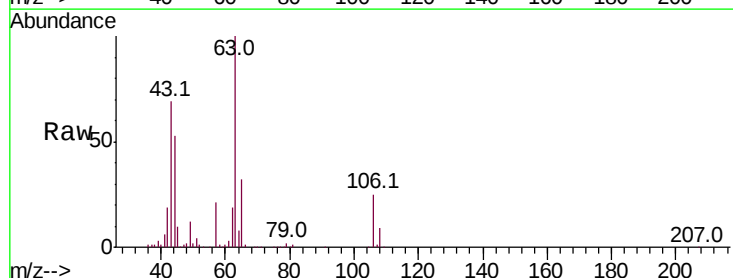
Acq: 23 Sep 2020 22:06

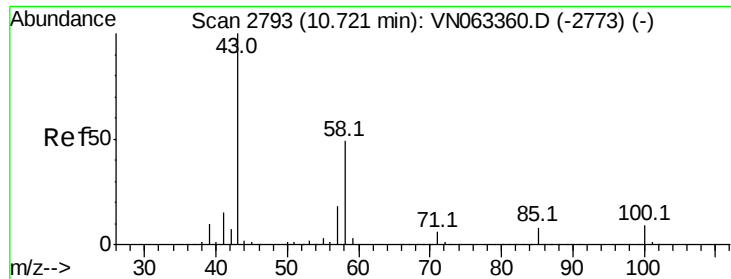
Tgt Ion: 63 Resp: 588100

Ion Ratio Lower Upper

63 100

106 25.7 19.5 29.3

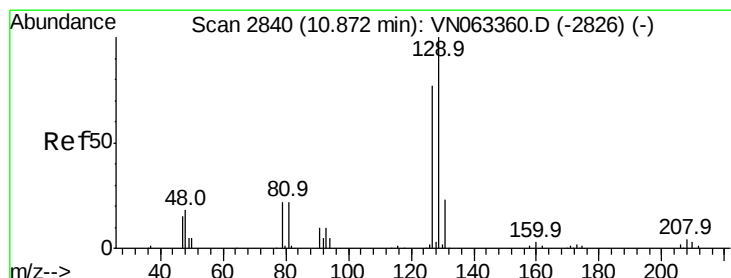
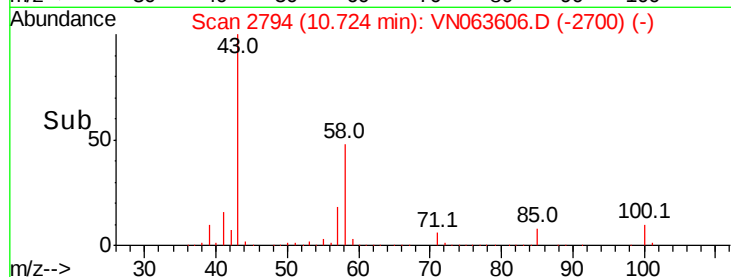
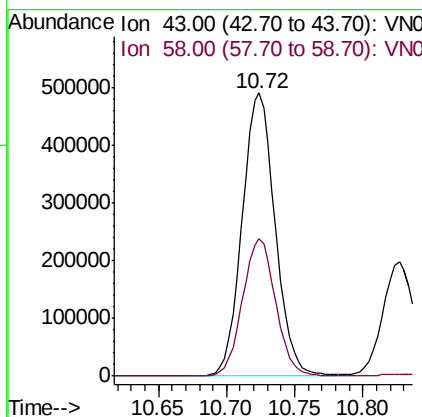
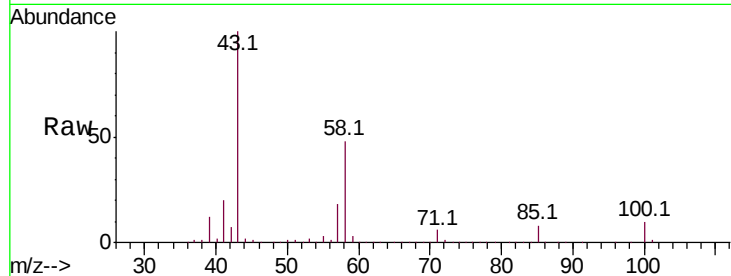




#59
2-Hexanone
Concen: 264.768 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

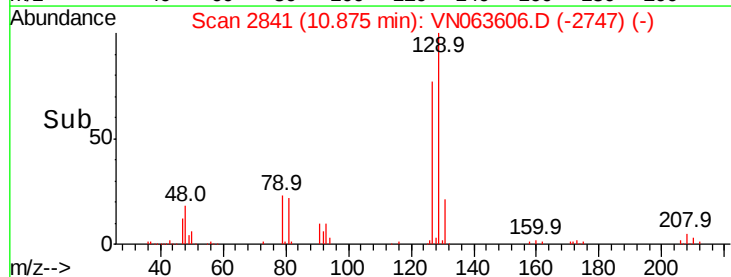
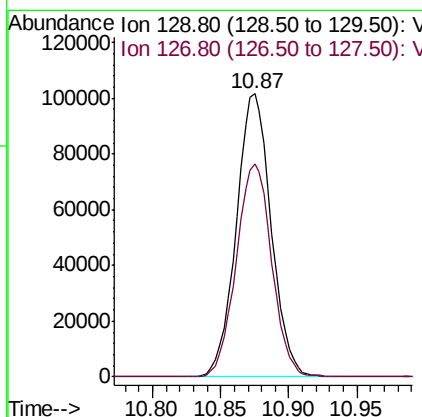
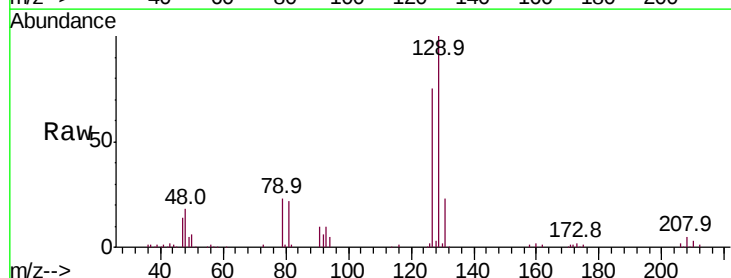
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

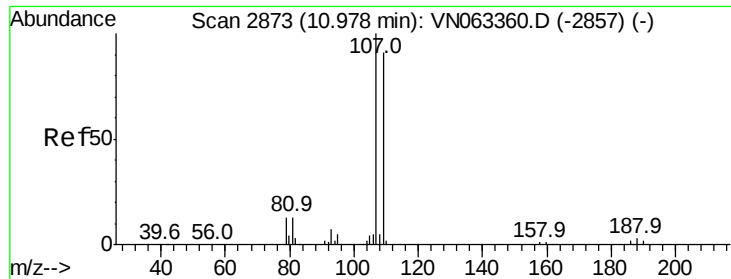
Tot Ion: 43 Resp: 820073
Ion Ratio Lower Upper
43 100
58 48.9 24.7 74.1



#60
Dibromochloromethane
Concen: 53.807 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 129 Resp: 180327
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3

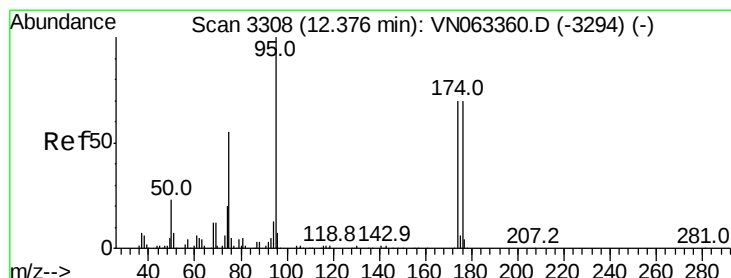
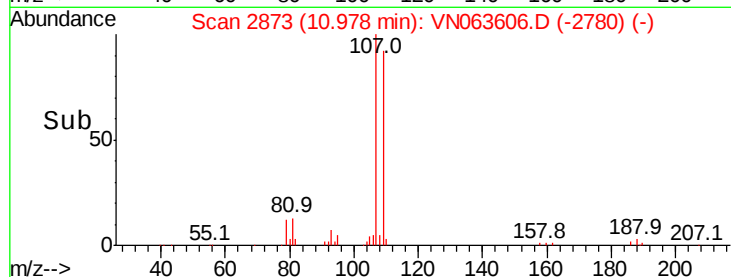
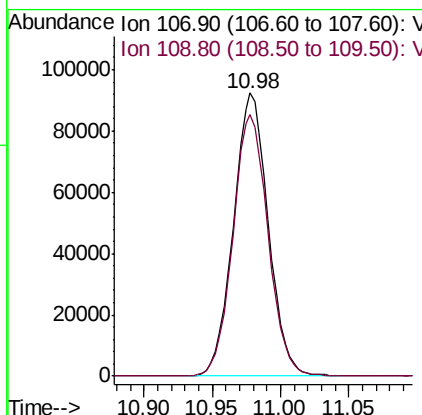
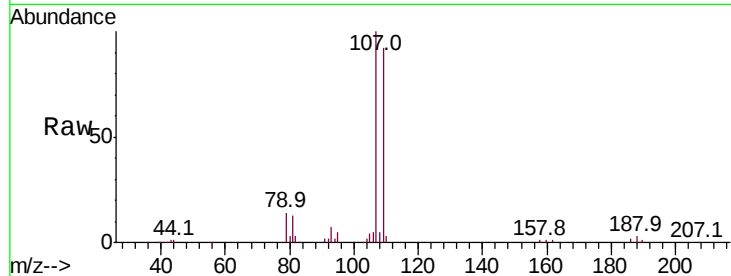




#61
 1,2-Dibromoethane
 Concen: 52.923 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

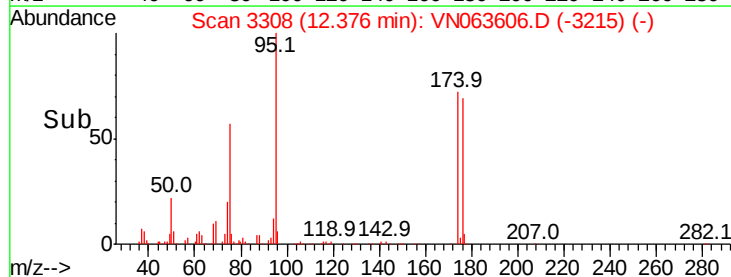
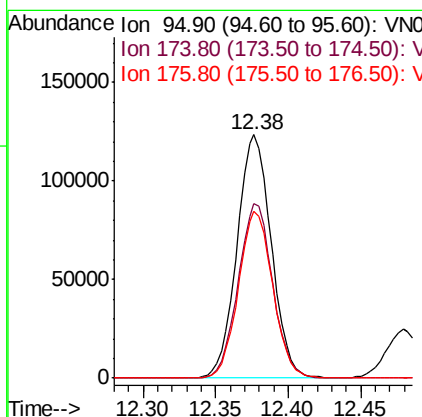
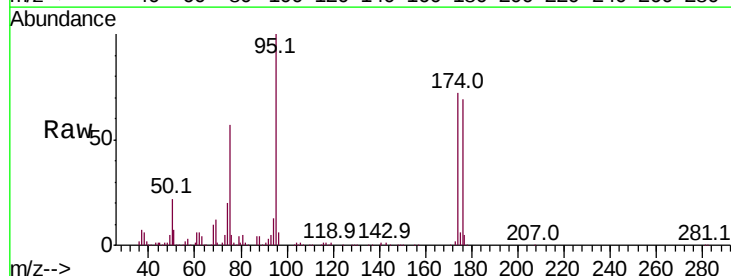
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

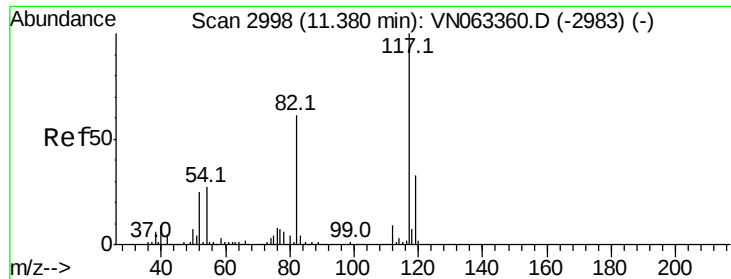
Tot Ion:107 Resp: 163110
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 52.099 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

Tgt Ion: 95 Resp: 203067
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 140.8
 176 68.5 0.0 137.6

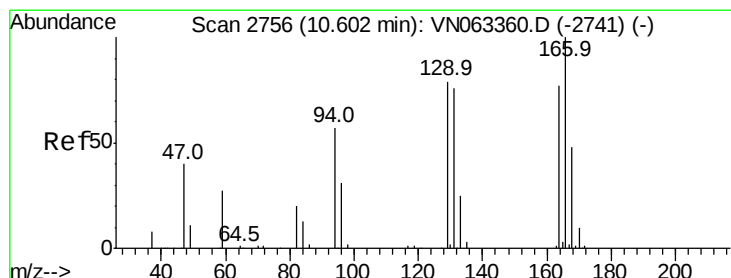
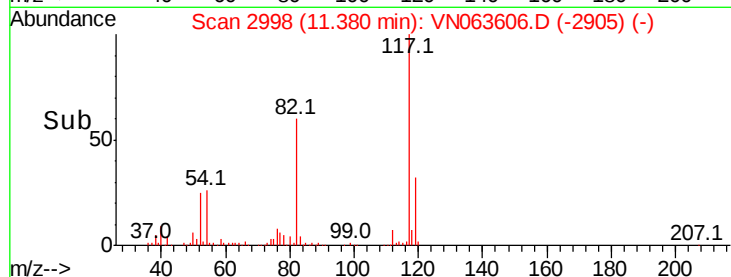
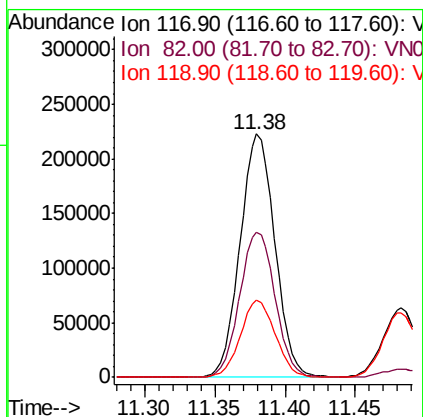
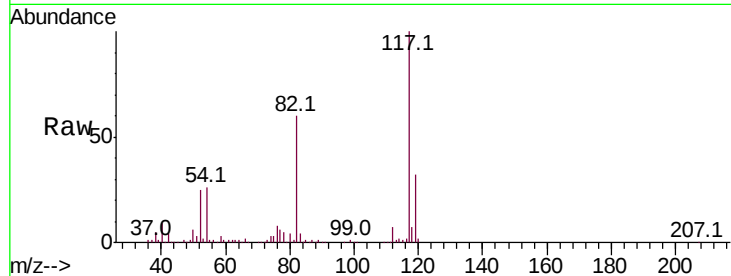




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

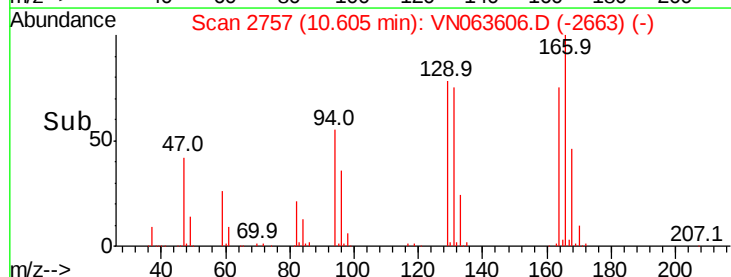
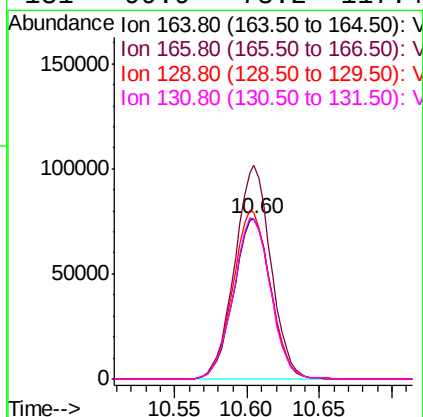
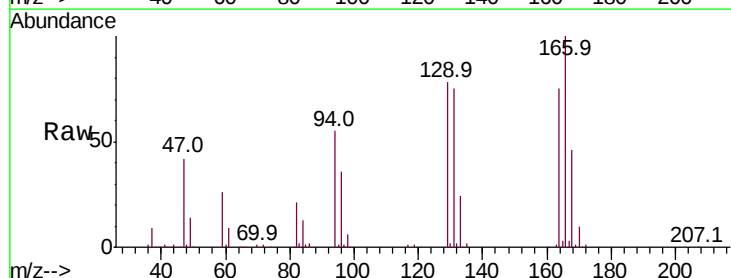
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

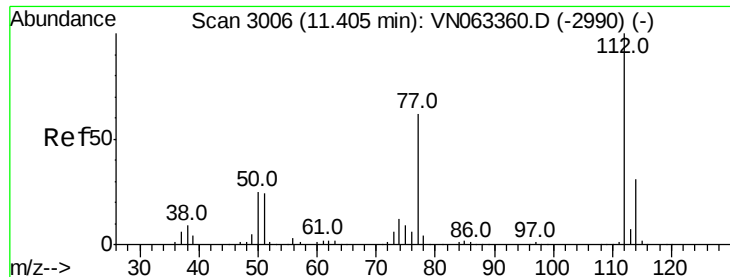
Tot Ion:117 Resp: 386776
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 51.655 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion:164 Resp: 136041
Ion Ratio Lower Upper
164 100
166 133.0 103.4 155.0
129 103.6 81.8 122.6
131 99.9 78.2 117.4

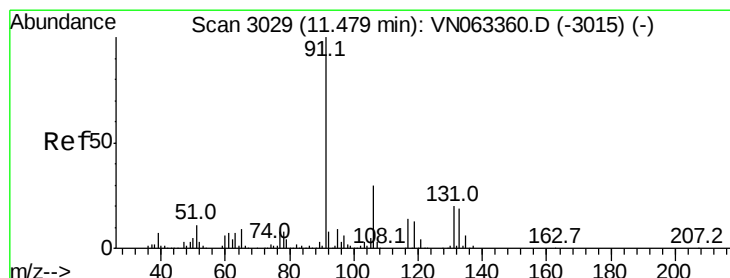
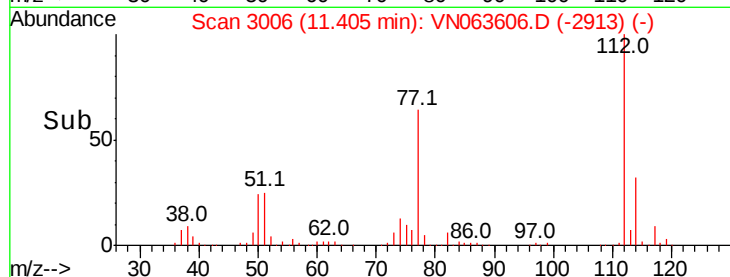
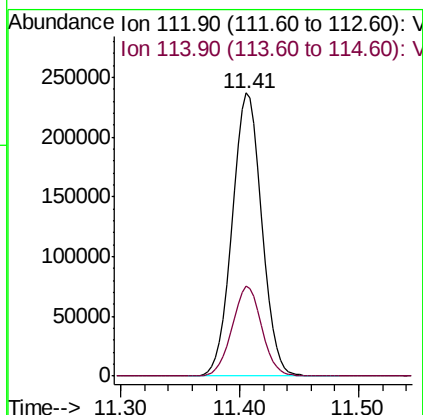
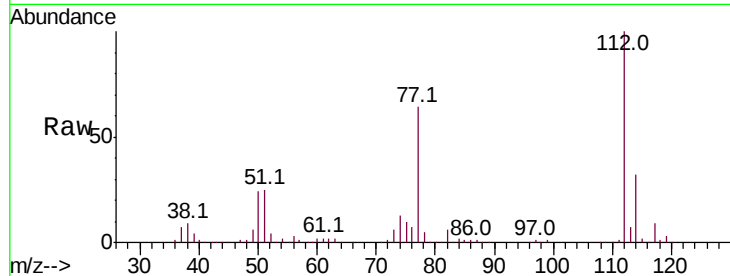




#65
Chlorobenzene
Concen: 49.730 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

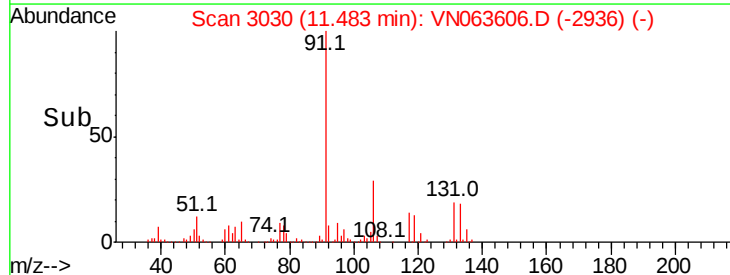
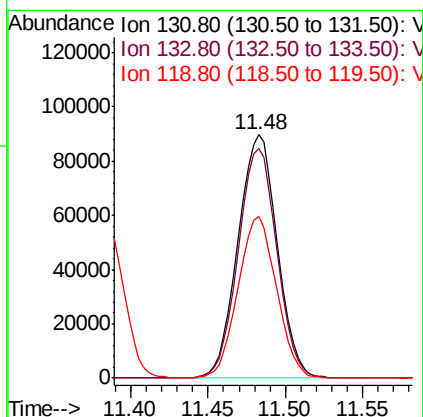
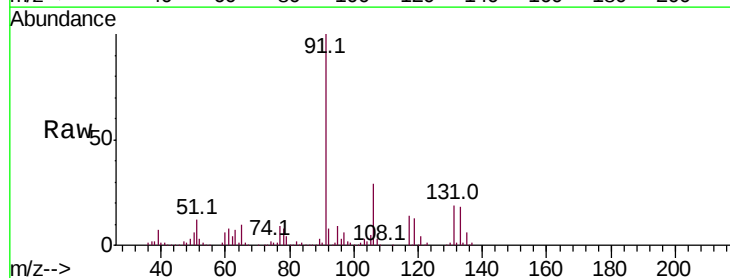
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

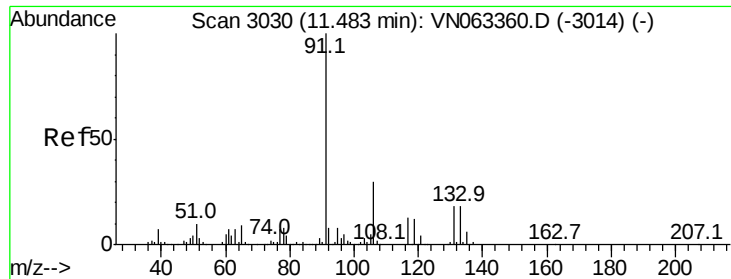
Tot Ion:112 Resp: 408290
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.658 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion:131 Resp: 158478
Ion Ratio Lower Upper
131 100
133 93.1 47.3 141.9
119 65.4 33.6 100.8





#67

Ethyl Benzene

Concen: 49.603 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

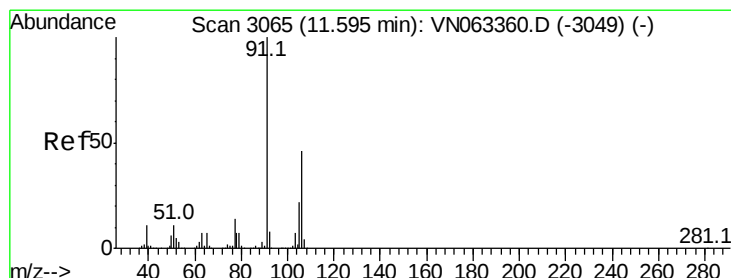
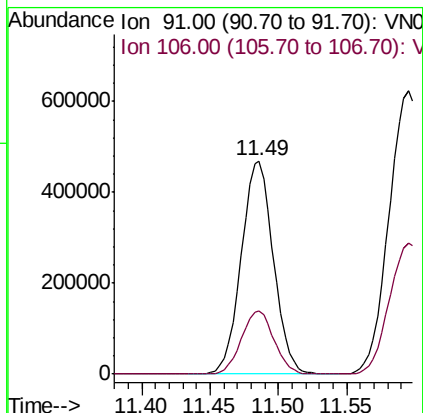
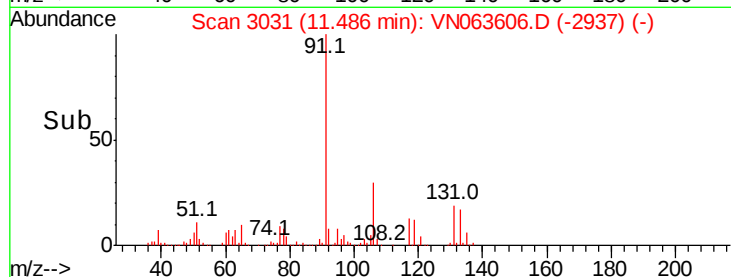
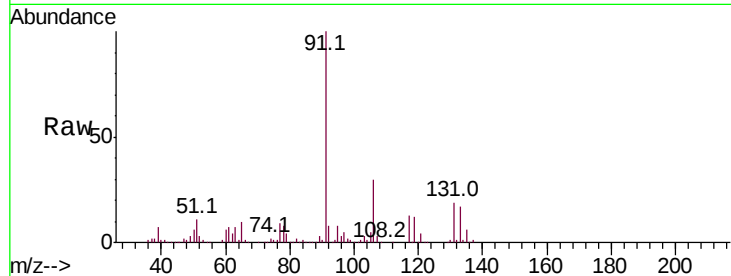
VSTDCCC050EC

Tot Ion: 91 Resp: 766934

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 99.935 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063606.D

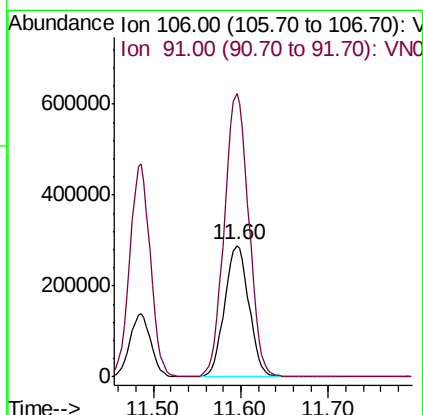
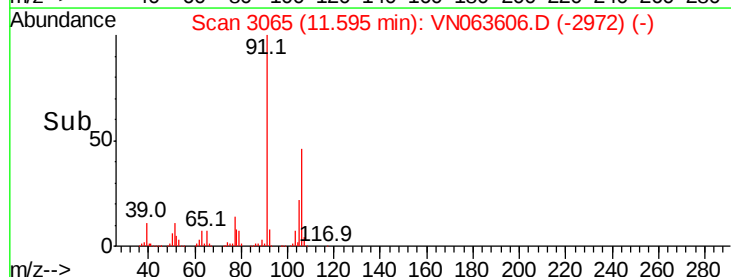
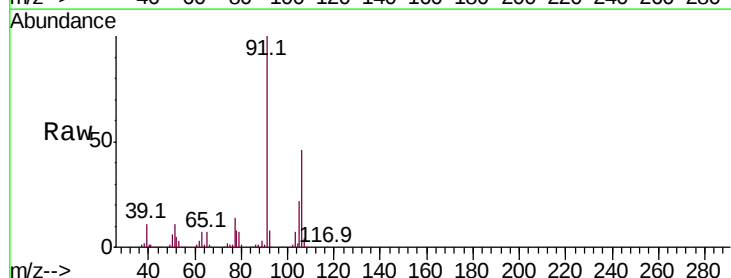
Acq: 23 Sep 2020 22:06

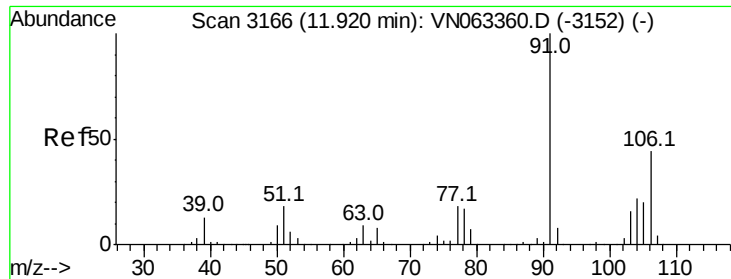
Tgt Ion: 106 Resp: 557098

Ion Ratio Lower Upper

106 100

91 216.3 171.2 256.8

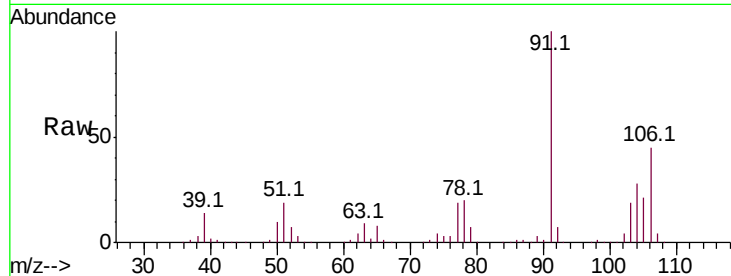




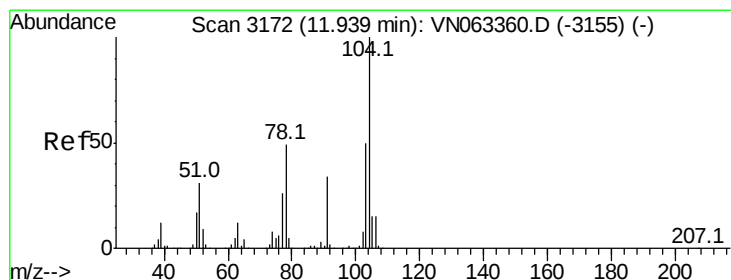
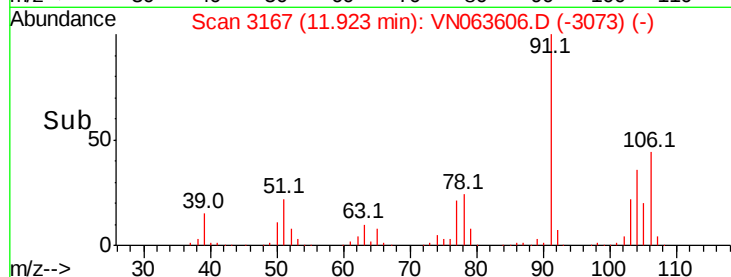
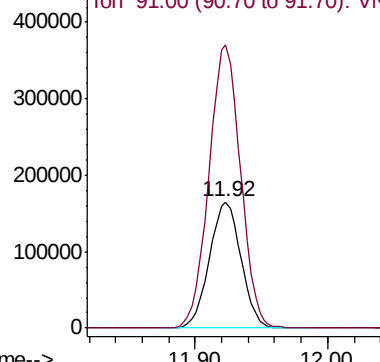
#69
o-Xylene
Concen: 51.405 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 272978
Ion Ratio Lower Upper
106 100
91 224.5 113.6 340.8

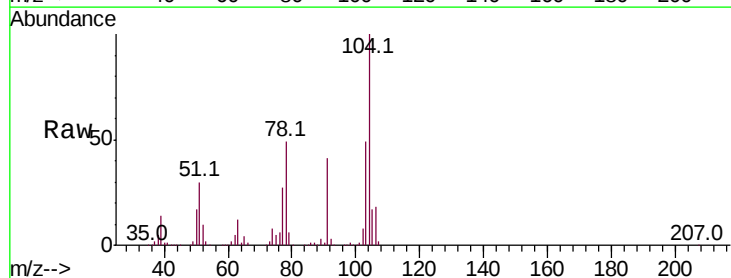


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

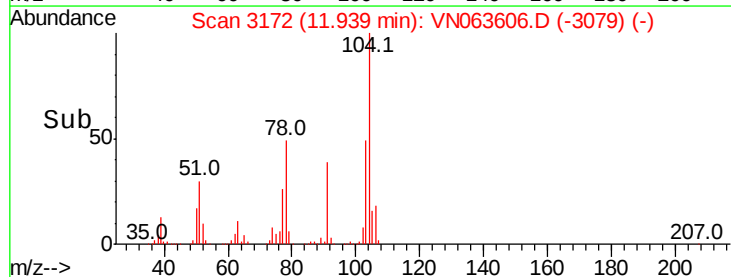
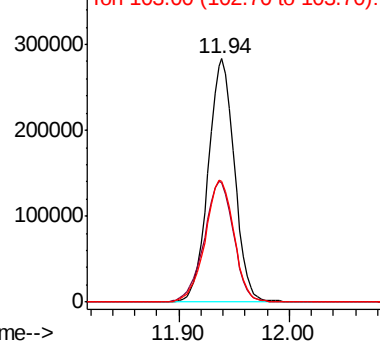


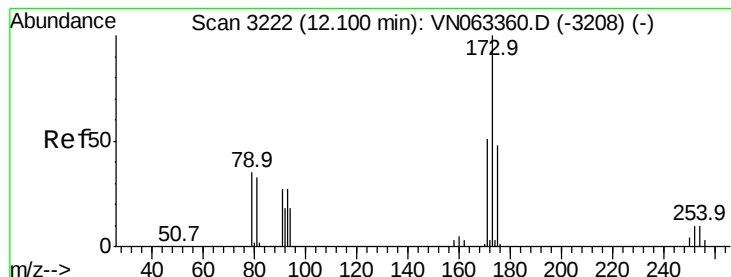
#70
Styrene
Concen: 52.490 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion:104 Resp: 467443
Ion Ratio Lower Upper
104 100
78 55.6 44.4 66.6
103 55.1 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.193 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

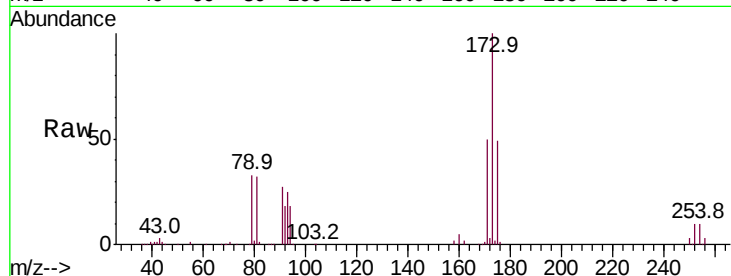
Tot Ion:173 Resp: 117018

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

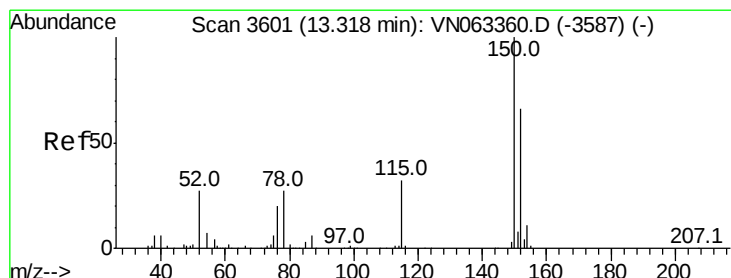
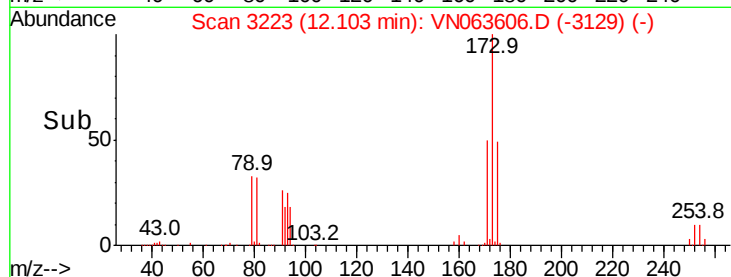
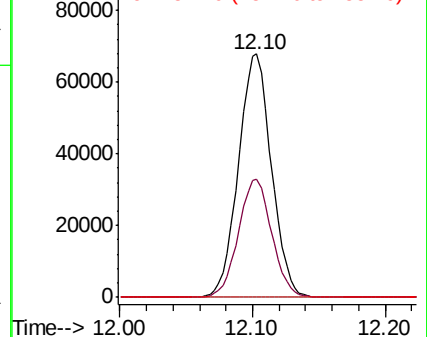
254 0.1 0.0 0.0#



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: VN063606.D

Acq: 23 Sep 2020 22:06

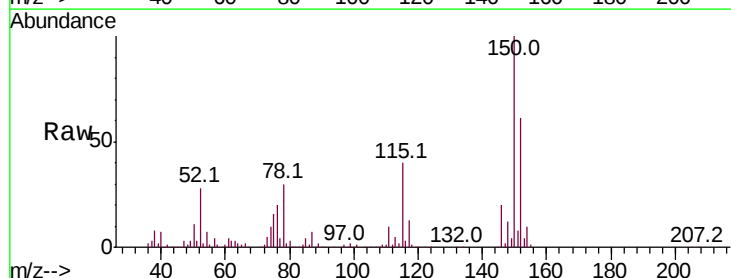
Tgt Ion:152 Resp: 182622

Ion Ratio Lower Upper

152 100

115 65.5 32.2 96.6

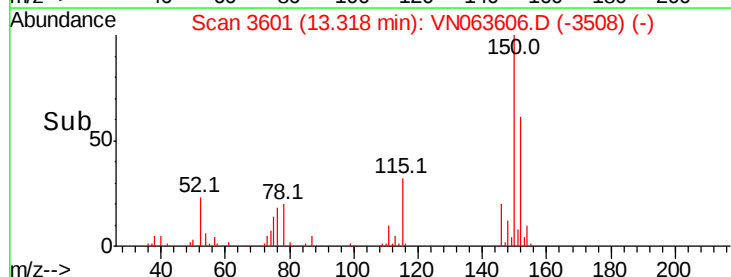
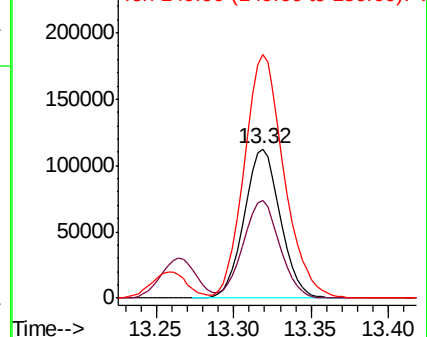
150 179.7 0.0 343.4

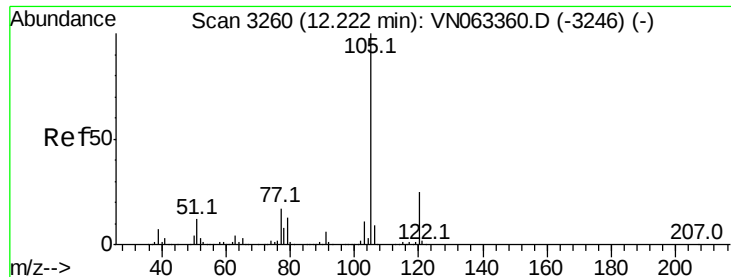


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.537 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

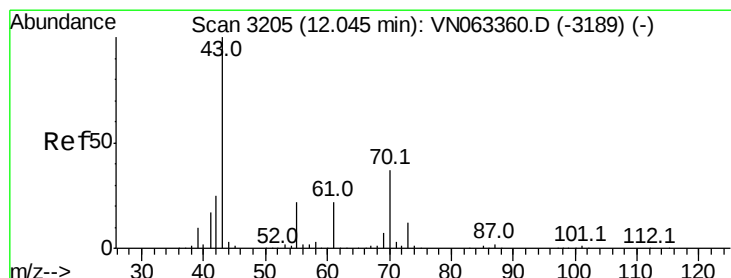
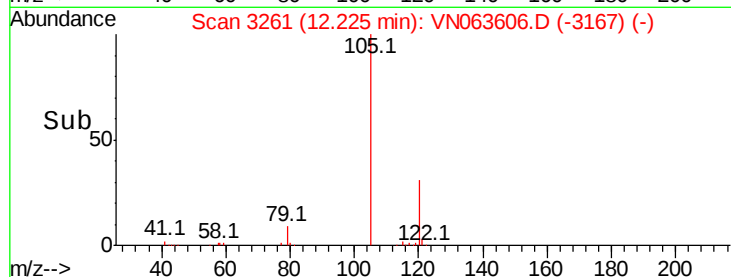
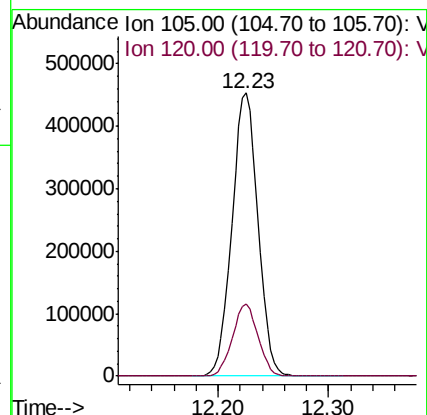
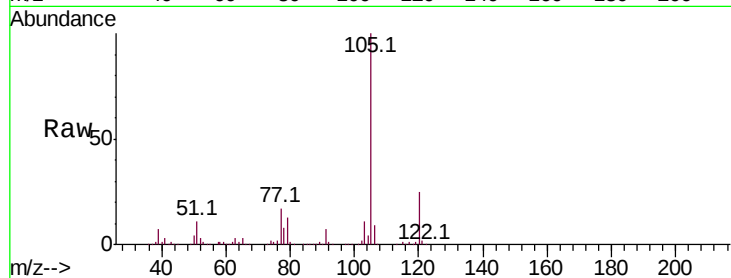
VSTDCCC050EC

Tot Ion:105 Resp: 739580

Ion Ratio Lower Upper

105 100

120 25.1 12.7 38.0



#74

N-ethyl acetate

Concen: 49.616 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Tgt Ion: 43 Resp: 343715

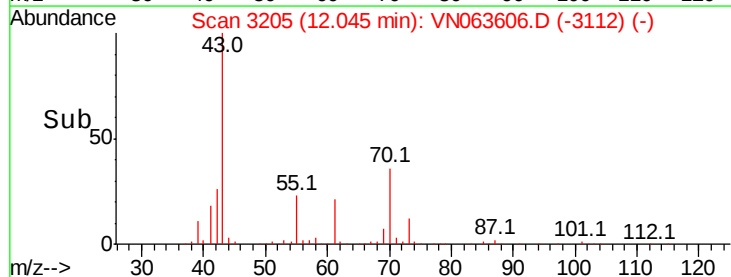
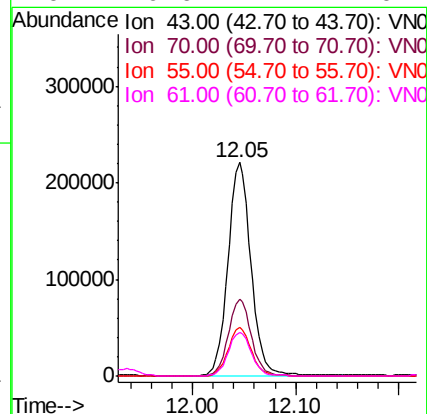
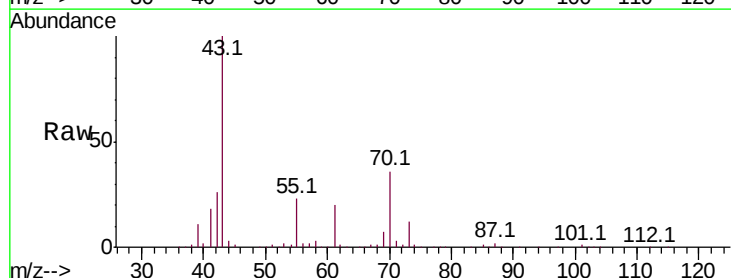
Ion Ratio Lower Upper

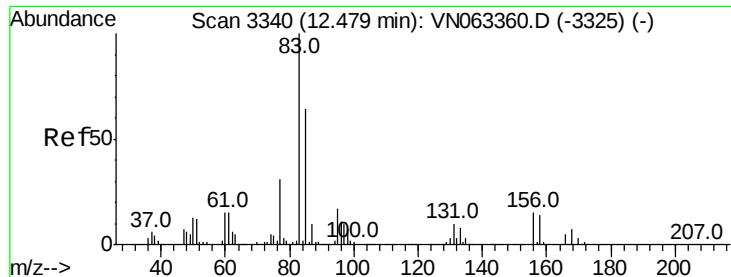
43 100

70 35.9 29.6 44.4

55 23.0 17.7 26.5

61 20.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.739 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

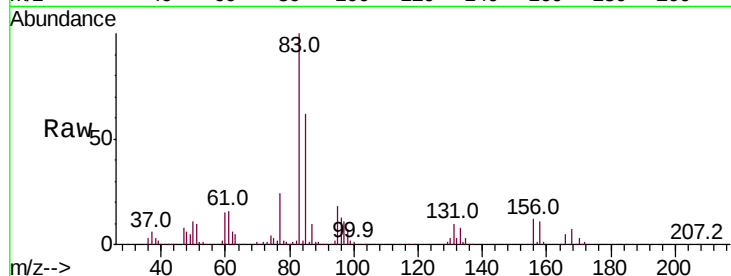
Tot Ion: 83 Resp: 229911

Ion Ratio Lower Upper

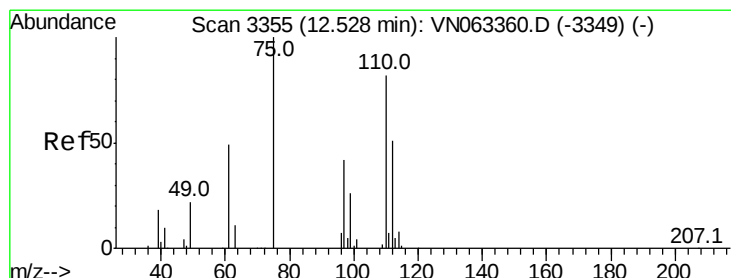
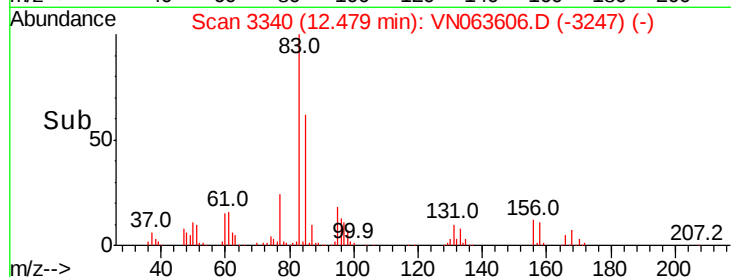
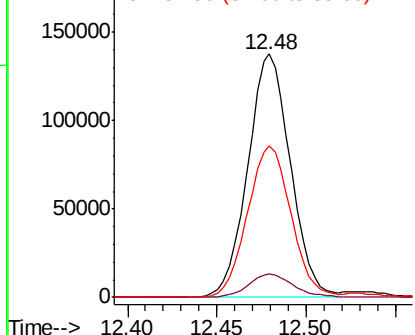
83 100

131 10.0 4.9 14.7

85 63.6 32.0 96.0



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



#76

1,2,3-Trichloropropane

Concen: 69.348 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063606.D

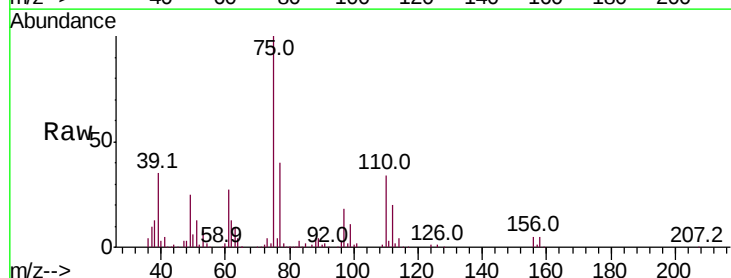
Acq: 23 Sep 2020 22:06

Tgt Ion: 75 Resp: 313464

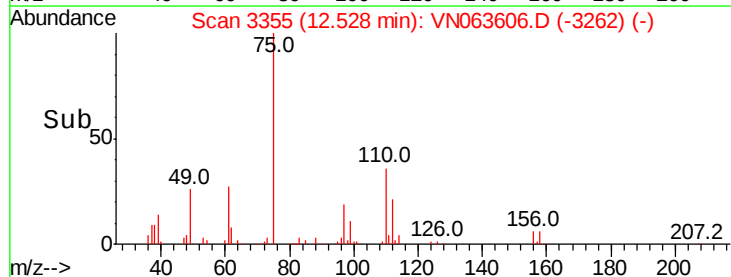
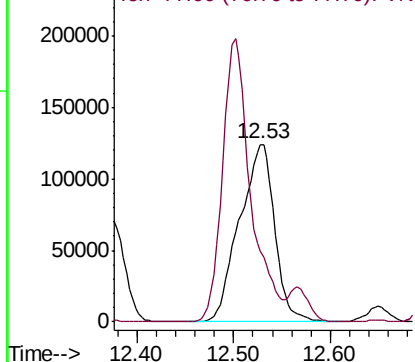
Ion Ratio Lower Upper

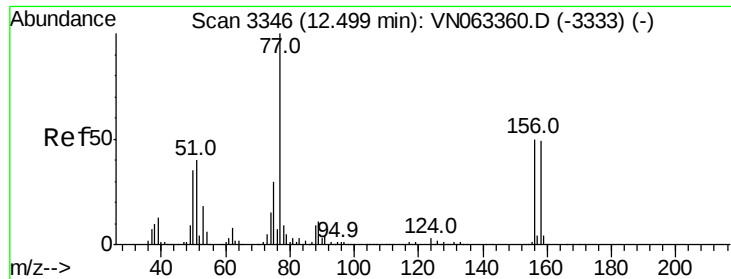
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 52.881 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

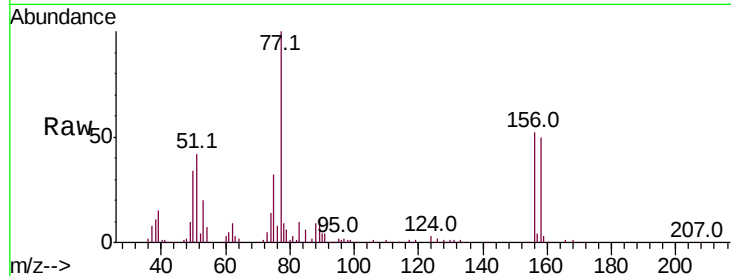
Tot Ion:156 Resp: 174078

Ion Ratio Lower Upper

156 100

77 229.8 120.2 360.6

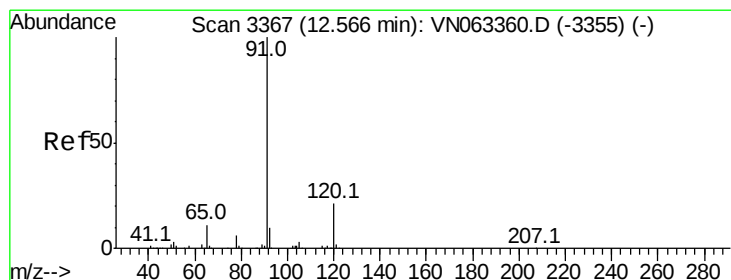
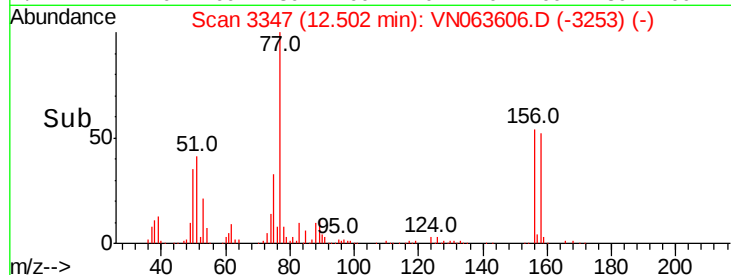
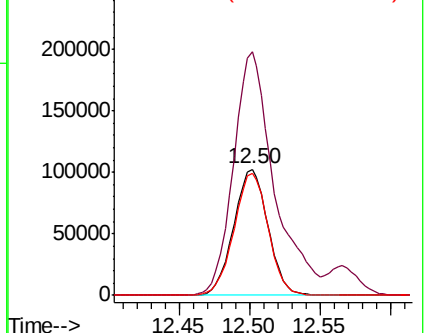
158 96.7 48.9 146.6



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: 49.629 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063606.D

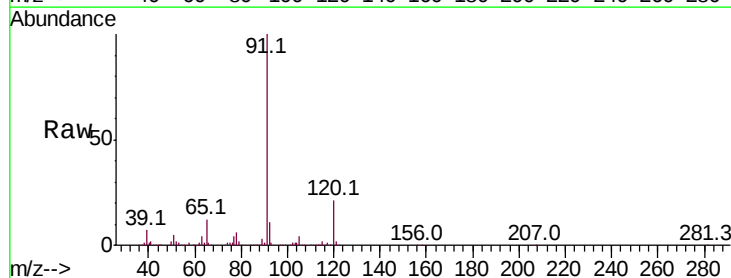
Acq: 23 Sep 2020 22:06

Tgt Ion: 91 Resp: 845916

Ion Ratio Lower Upper

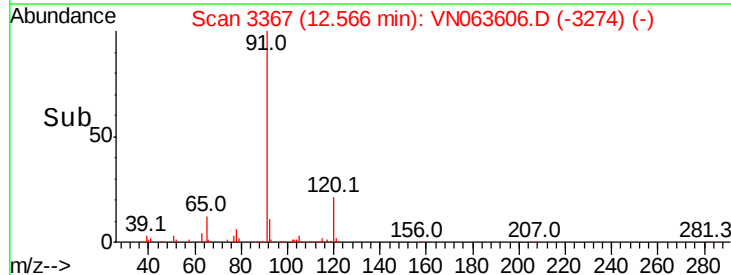
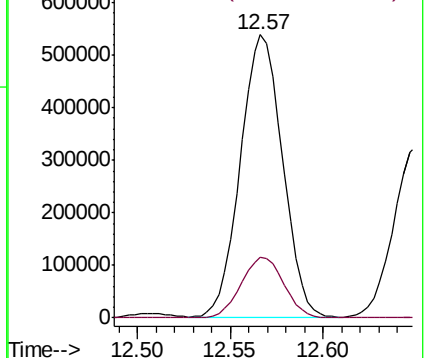
91 100

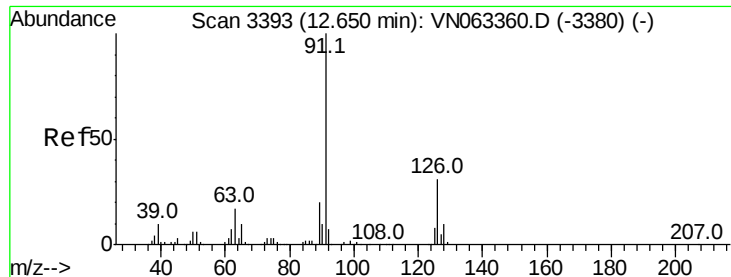
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

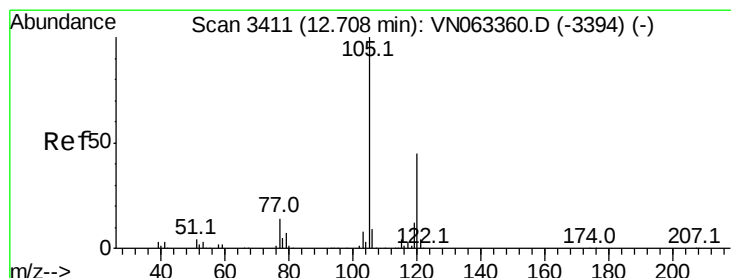
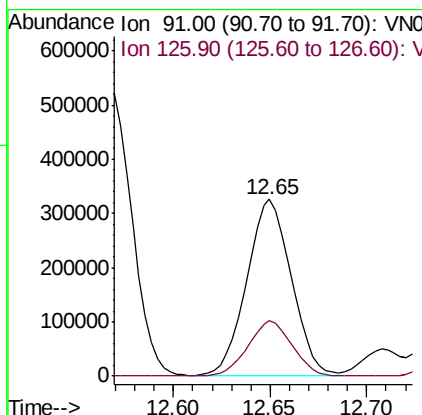
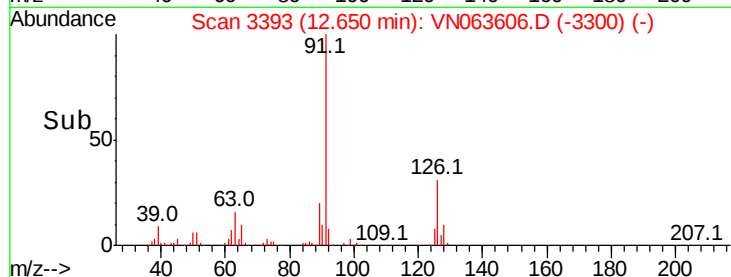
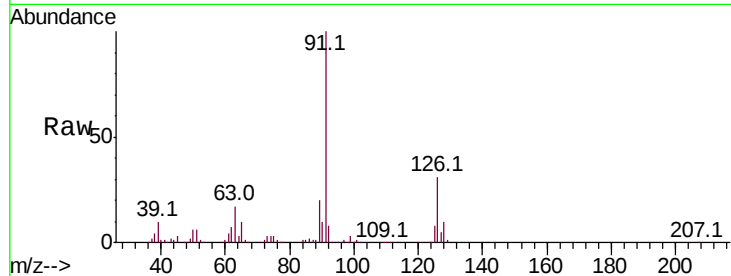




#79
 2-Chlorotoluene
 Concen: 50.851 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

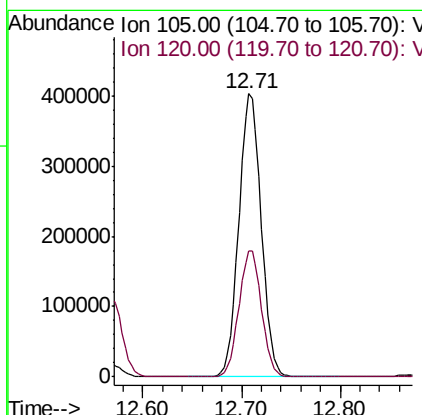
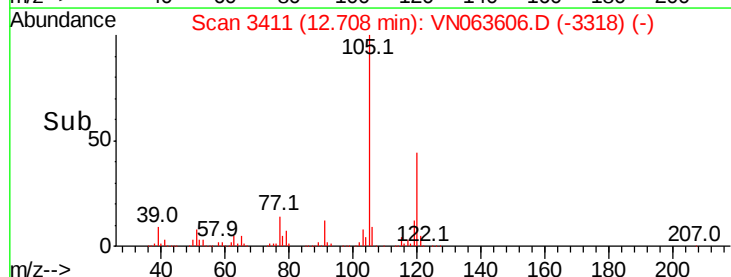
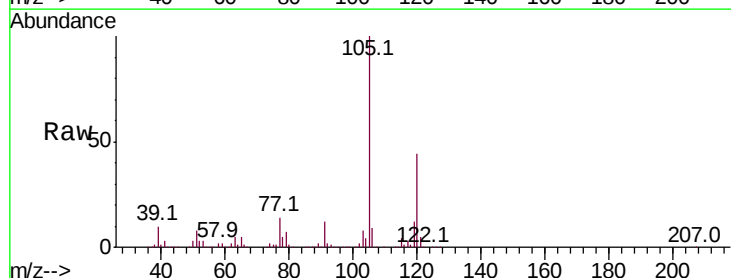
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 519574
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.608 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

Tgt Ion: 105 Resp: 629781
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8

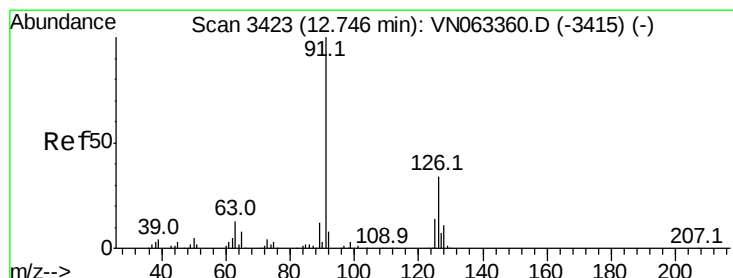
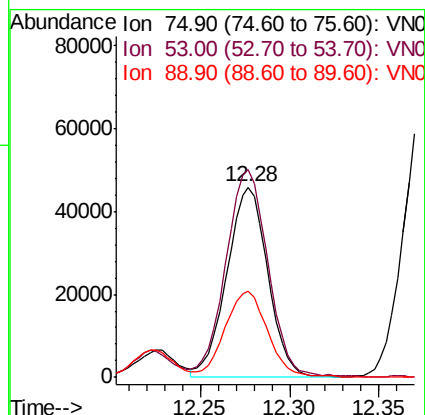
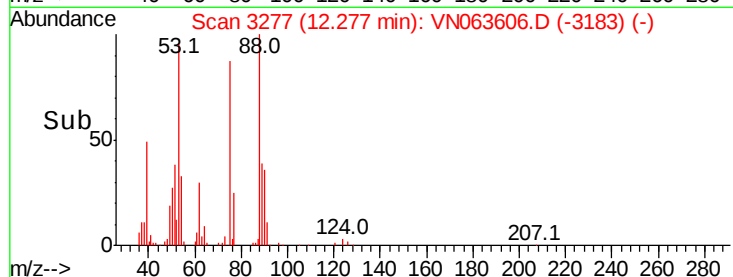
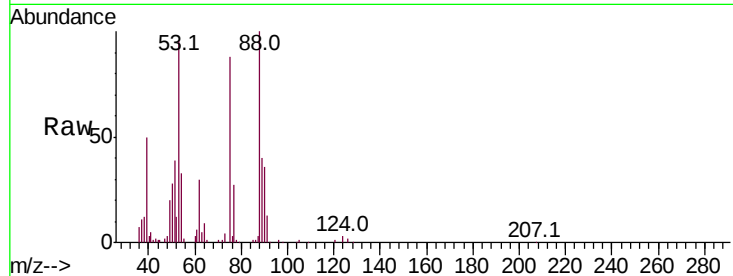




#81
trans-1,4-Dichloro-2-butene
Concen: 44.126 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

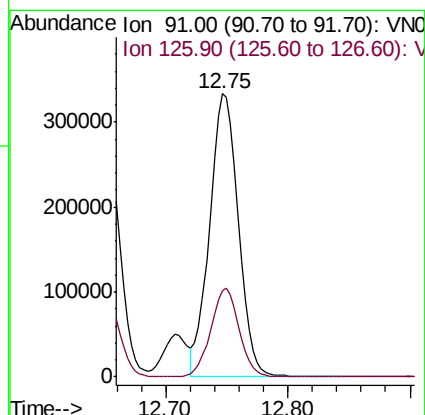
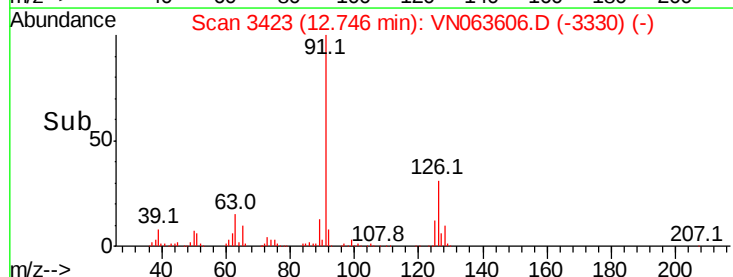
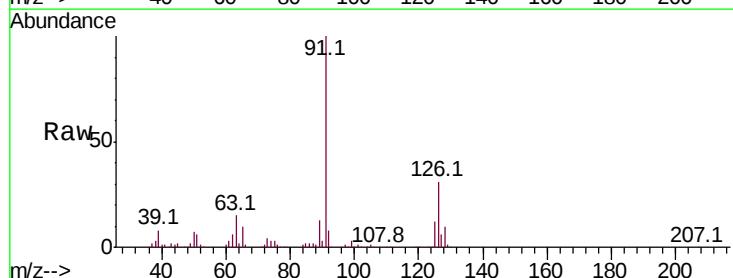
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

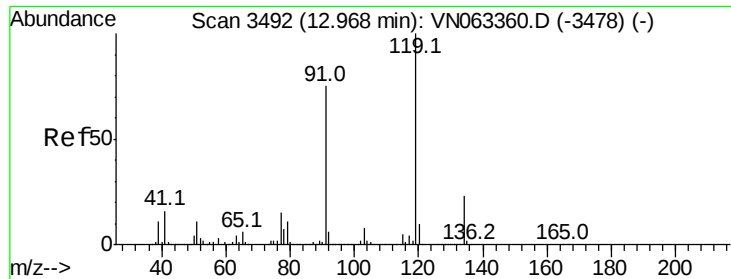
Tot Ion: 75 Resp: 72751
Ion Ratio Lower Upper
75 100
53 114.2 85.7 128.5
89 47.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 50.852 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion: 91 Resp: 548980
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5

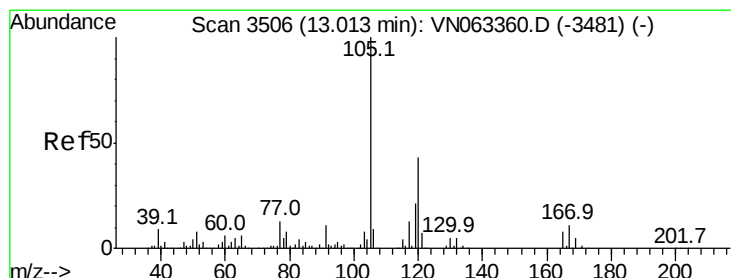
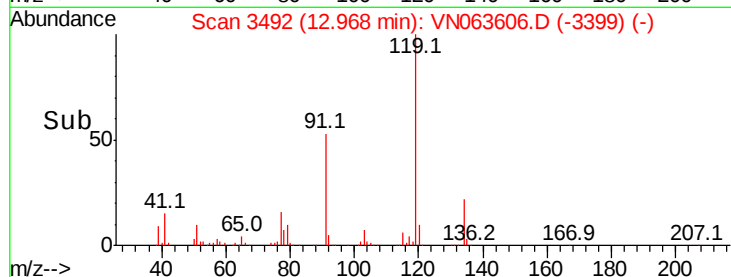
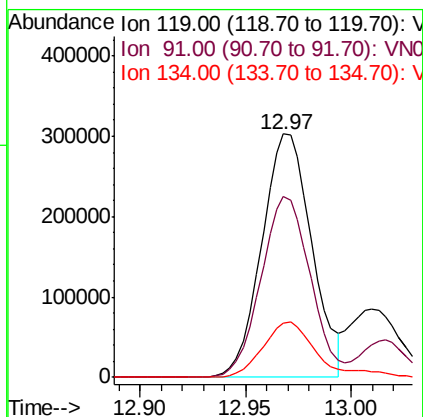
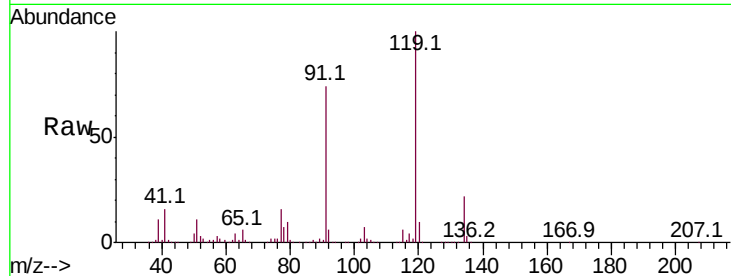




#83
tert-Butylbenzene
Concen: 49.600 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

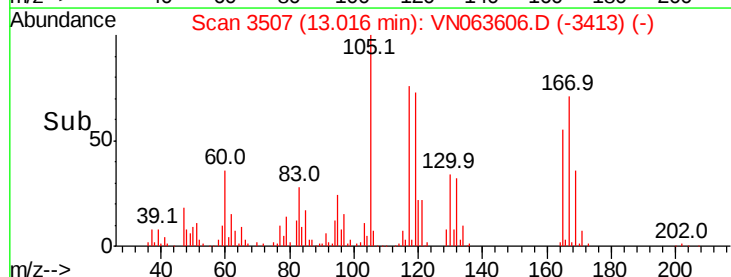
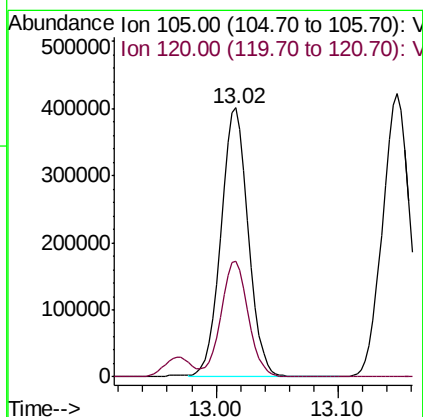
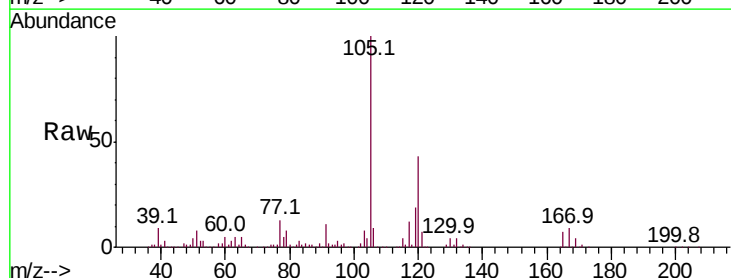
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

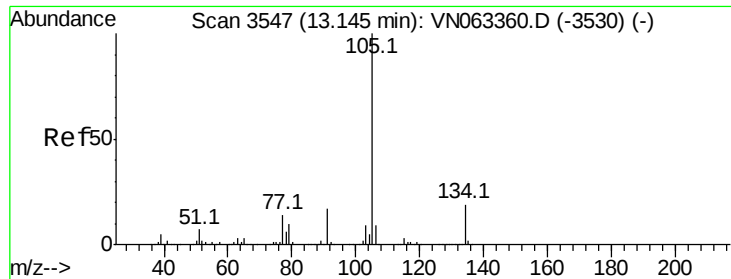
Tot Ion:119 Resp: 499560
Ion Ratio Lower Upper
119 100
91 73.2 36.3 108.9
134 24.8 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 51.101 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063606.D
Acq: 23 Sep 2020 22:06

Tgt Ion:105 Resp: 629882
Ion Ratio Lower Upper
105 100
120 42.8 21.3 63.9

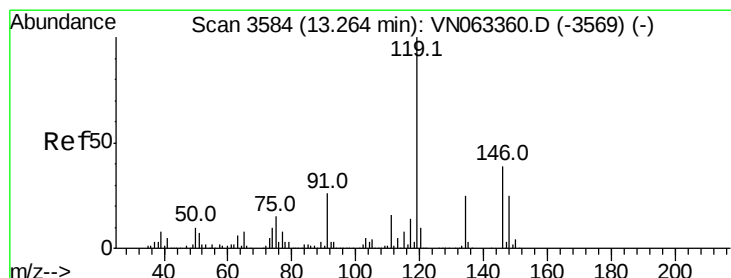
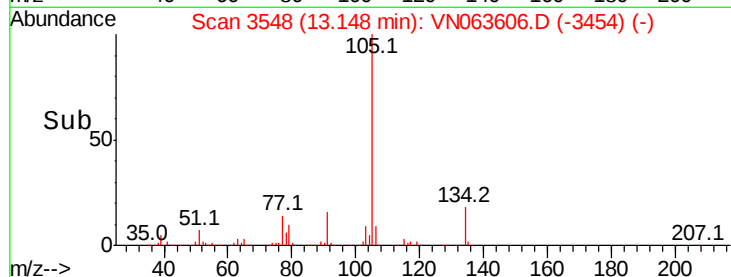
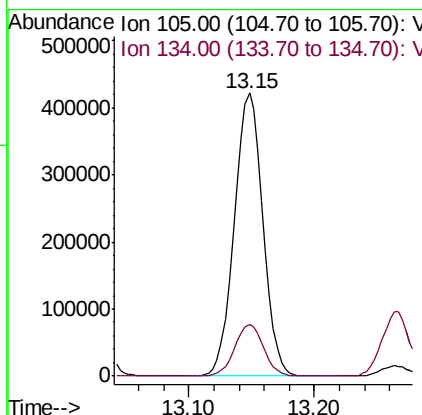
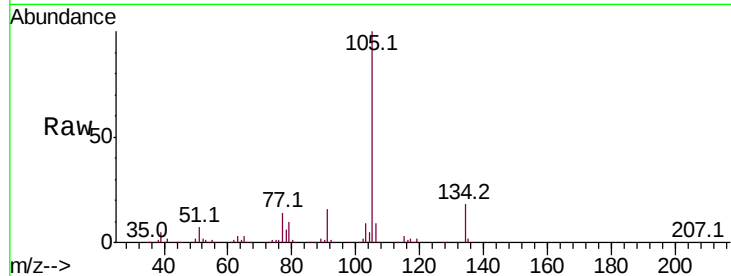




#85
 sec-Butylbenzene
 Concen: 49.295 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

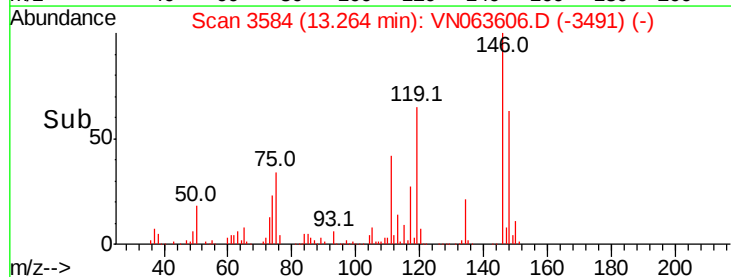
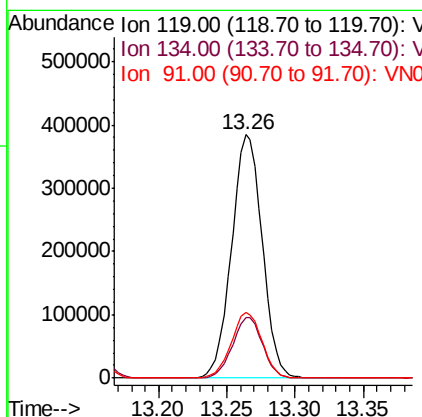
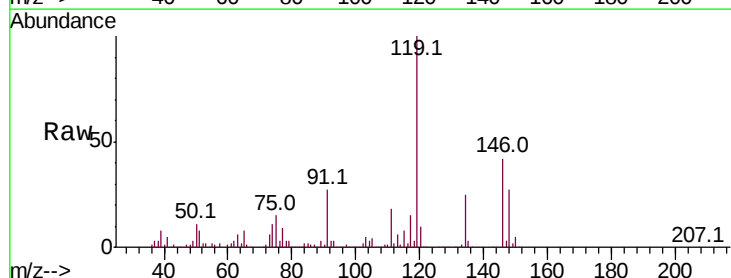
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

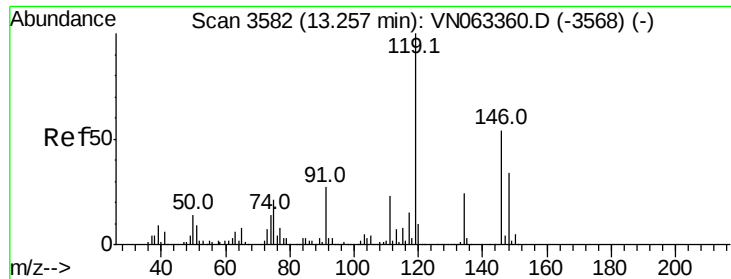
Tot Ion:105 Resp: 664578
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 50.127 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

Tgt Ion:119 Resp: 596065
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.5 37.5
 91 26.9 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 51.278 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

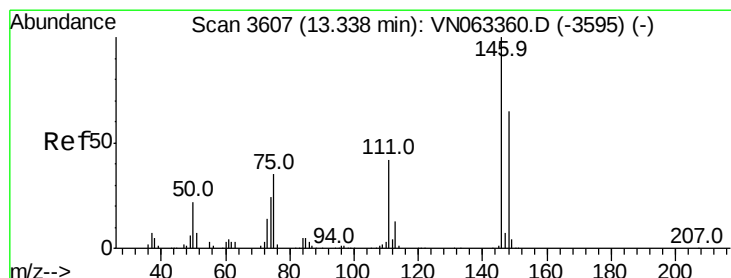
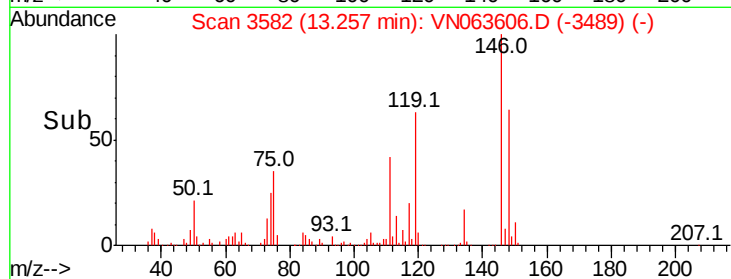
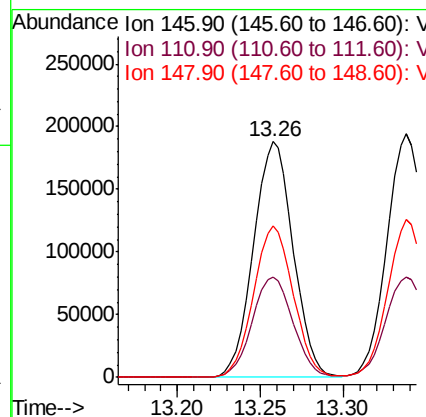
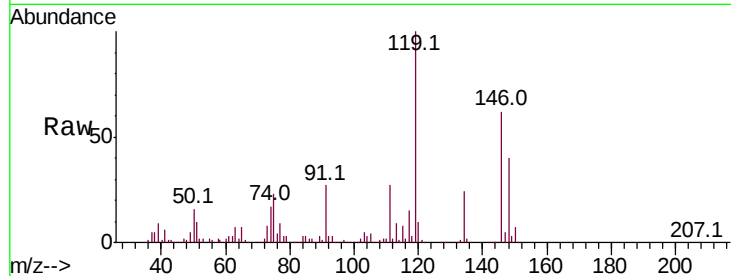
Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 312867

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	64.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 51.179 ug/l

RT: 13.34 min Scan# 3607

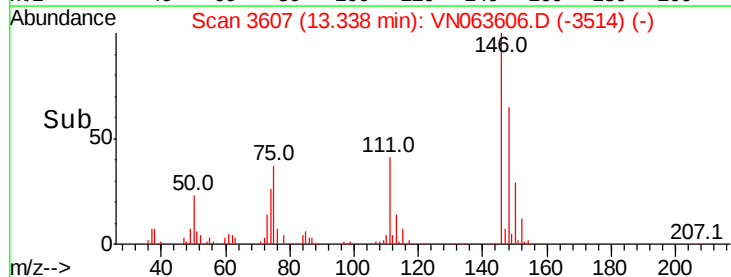
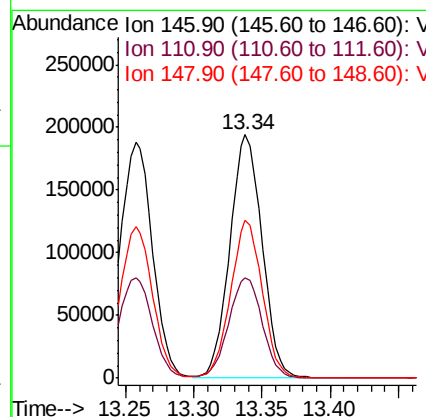
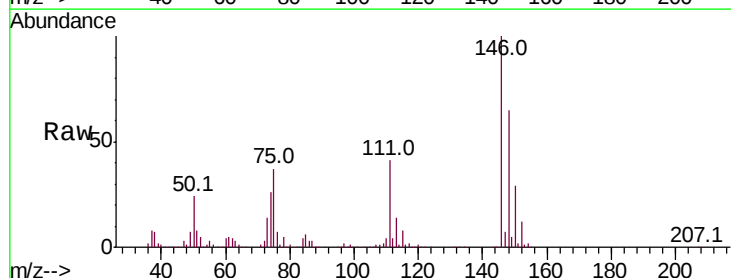
Delta R.T. -0.00 min

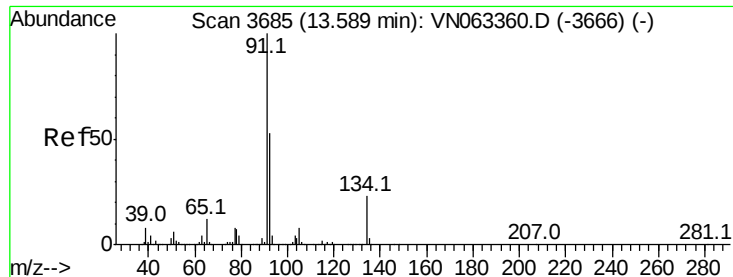
Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Tgt Ion:146 Resp: 317477

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	63.9	31.9	95.9





#89

n-Butylbenzene

Concen: 47.769 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

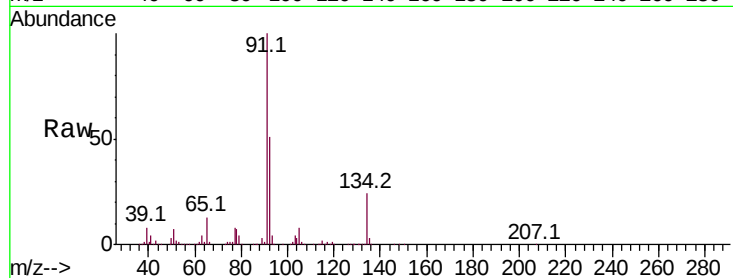
Tot Ion: 91 Resp: 523577

Ion Ratio Lower Upper

91 100

92 50.8 26.0 78.0

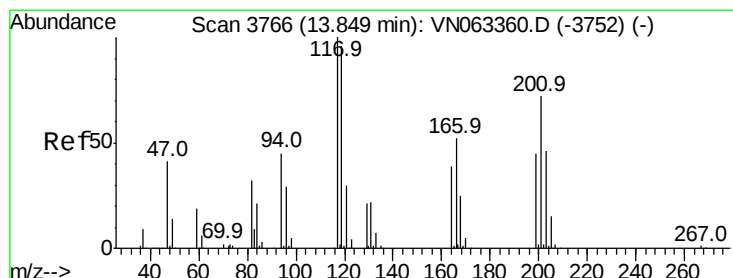
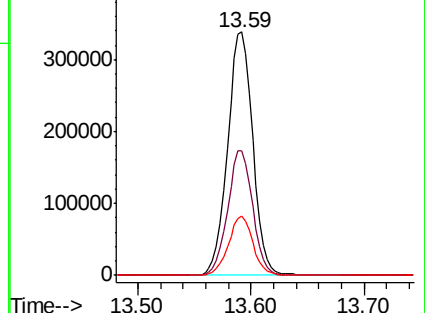
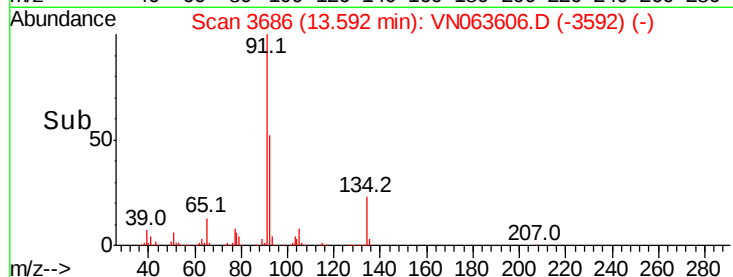
134 23.6 11.7 35.0



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) (-)



#90

Hexachloroethane

Concen: 48.162 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063606.D

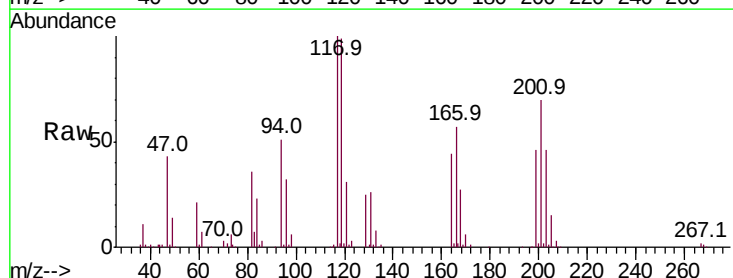
Acq: 23 Sep 2020 22:06

Tgt Ion: 117 Resp: 109051

Ion Ratio Lower Upper

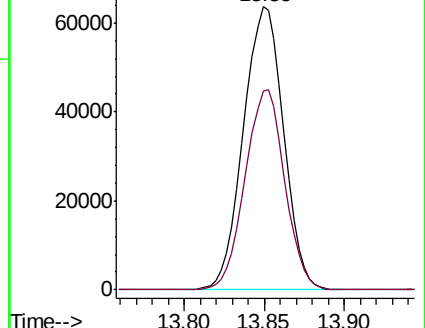
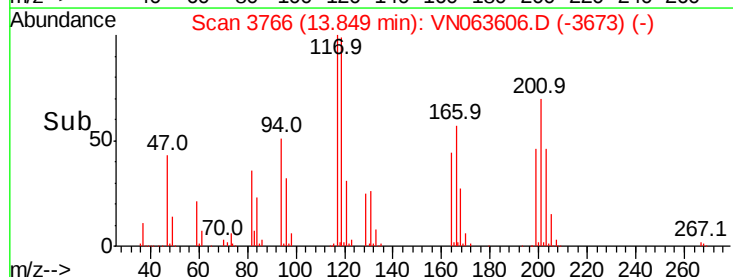
117 100

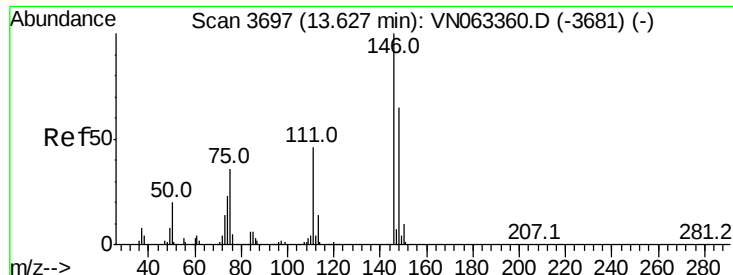
201 69.7 35.5 106.7



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

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





#91

1,2-Dichlorobenzene

Concen: 52.401 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

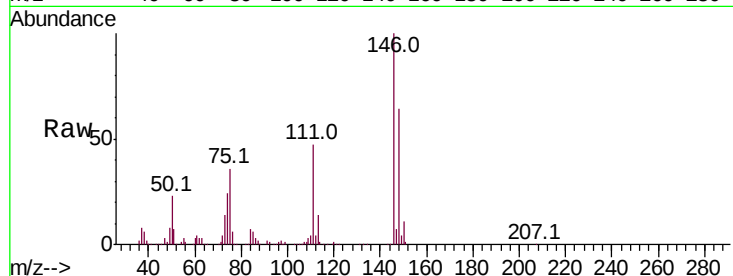
Tot Ion:146 Resp: 313897

Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.2

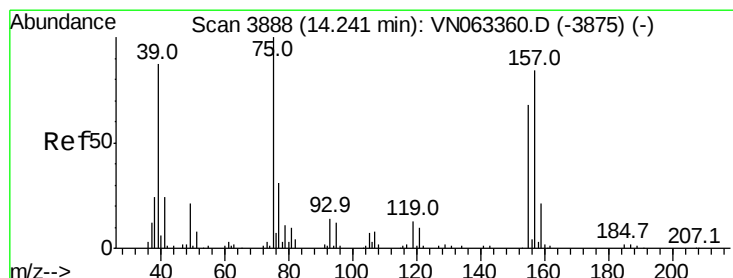
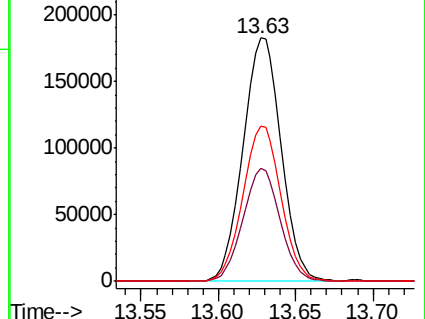
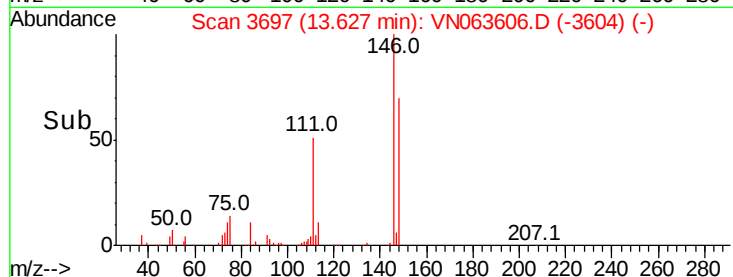
148 63.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.353 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

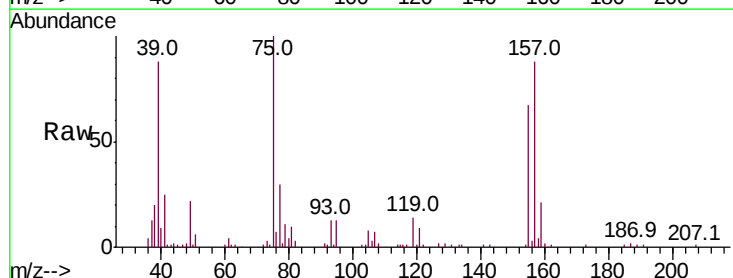
Tgt Ion: 75 Resp: 53252

Ion Ratio Lower Upper

75 100

155 69.8 34.6 103.9

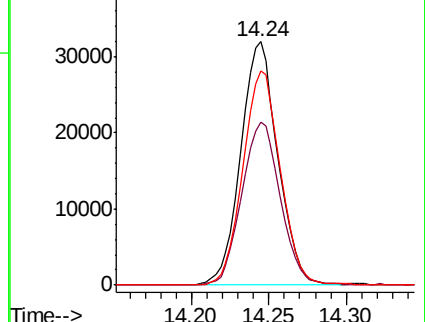
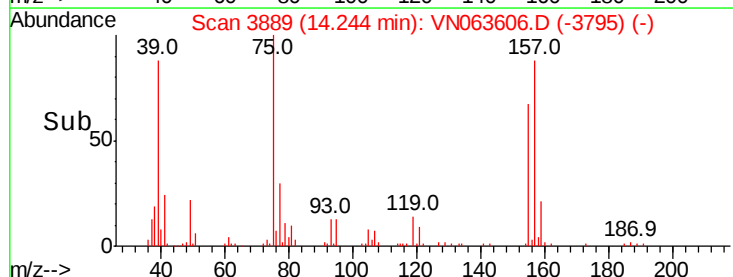
157 88.3 43.7 131.1

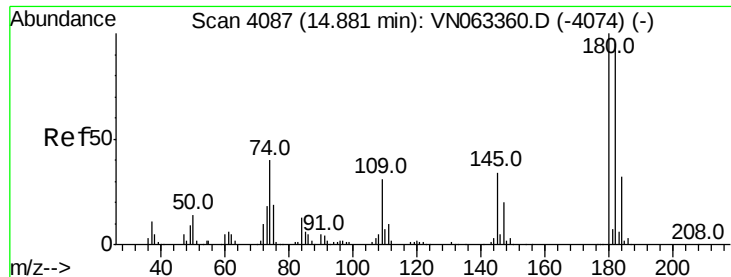


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

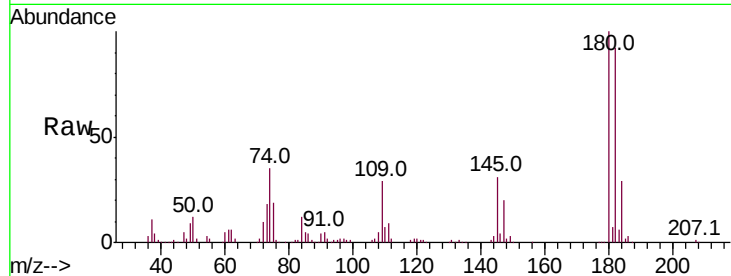




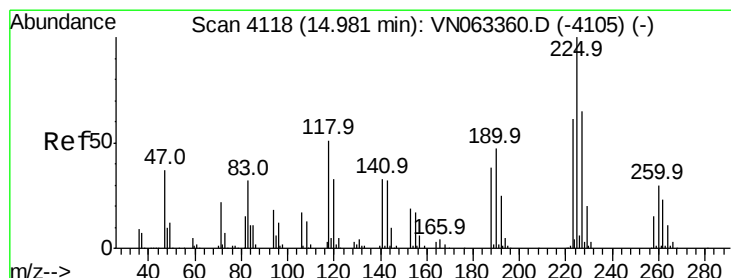
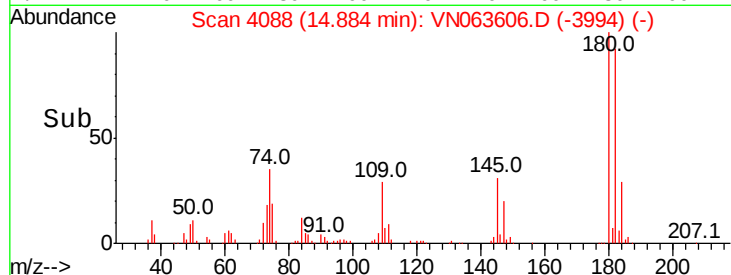
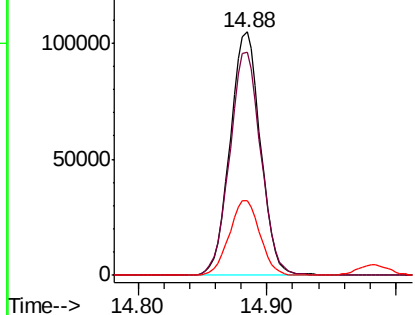
#93
 1,2,4-Trichlorobenzene
 Concen: 48.576 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 171544
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.3 142.0
 145 31.2 16.6 49.7

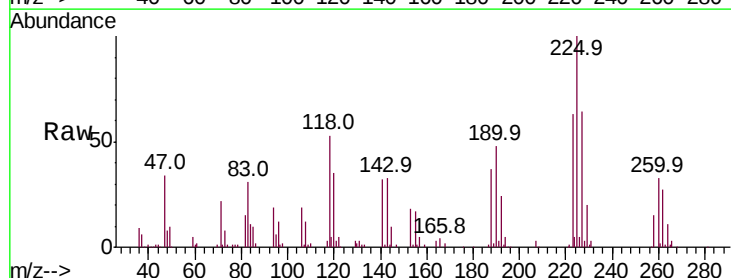


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

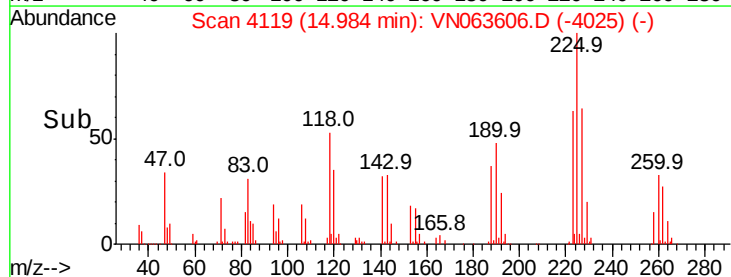
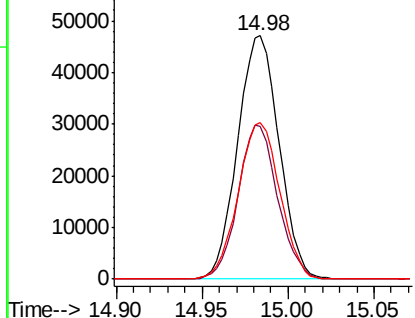


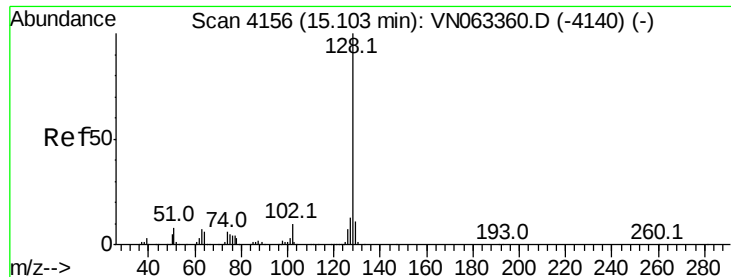
#94
 Hexachlorobutadiene
 Concen: 53.880 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063606.D
 Acq: 23 Sep 2020 22:06

Tgt Ion:225 Resp: 78772
 Ion Ratio Lower Upper
 225 100
 223 60.5 30.6 91.6
 227 64.6 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.838 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

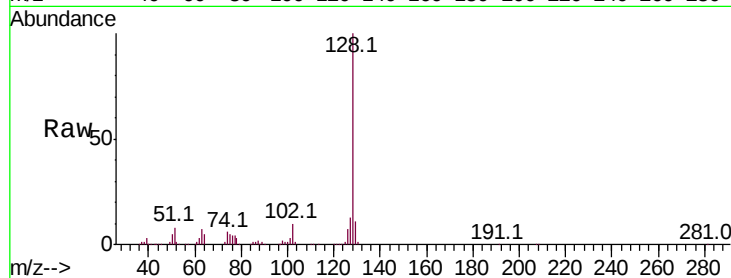
Tot Ion:128 Resp: 558132

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

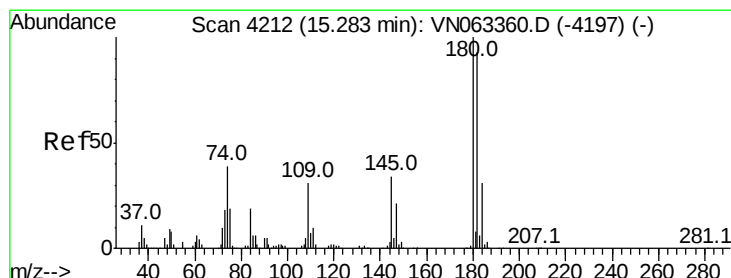
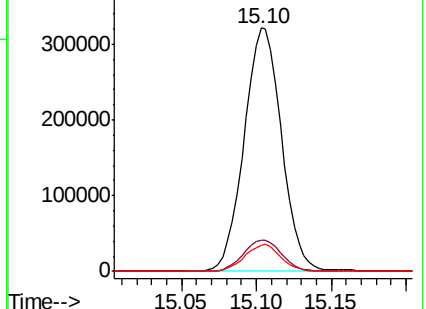
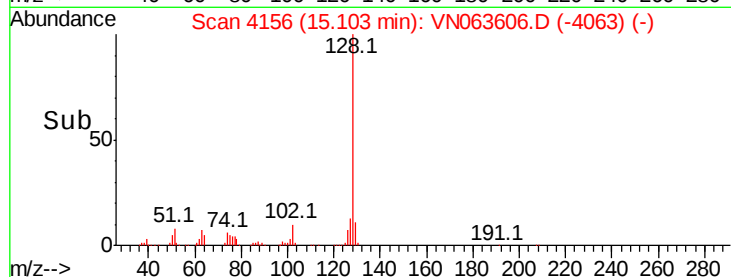
129 10.7 8.8 13.2



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: 47.280 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063606.D

Acq: 23 Sep 2020 22:06

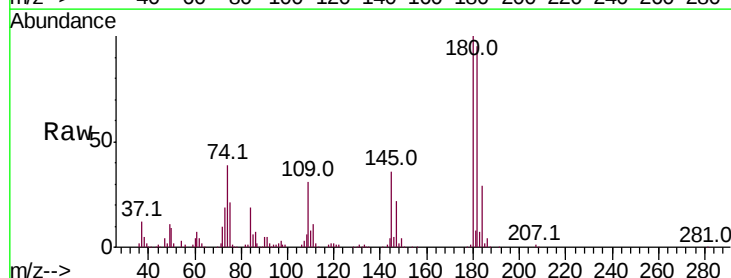
Tgt Ion:180 Resp: 161326

Ion Ratio Lower Upper

180 100

182 97.7 46.7 140.1

145 36.1 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

