

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063500.D
 Acq On : 21 Sep 2020 20:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 02:28:24 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	281688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	219606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	225961	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
35) Dibromofluoromethane	7.55	113	163990	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.06	98	621369	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.38	95	240037	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	145949	45.734	ug/l	100
3) Chloromethane	2.04	50	183720	43.518	ug/l	98
4) Vinyl Chloride	2.17	62	183973	49.186	ug/l	100
5) Bromomethane	2.53	94	115526	52.020	ug/l	98
6) Chloroethane	2.68	64	110216	48.004	ug/l	96
7) Trichlorofluoromethane	2.99	101	280874	50.331	ug/l	98
8) Diethyl Ether	3.38	74	104681	48.119	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	152298	48.527	ug/l	98
10) Methyl Iodide	3.92	142	205443	50.280	ug/l	99
11) Tert butyl alcohol	4.72	59	128143	192.903	ug/l	100
12) 1,1-Dichloroethene	3.70	96	151812	47.758	ug/l	95
13) Acrolein	3.57	56	113740	462.028	ug/l	100
14) Allyl chloride	4.28	41	290404	46.185	ug/l	98
15) Acrylonitrile	4.93	53	390460	231.079	ug/l	100
16) Acetone	3.77	43	340371	220.869	ug/l	99
17) Carbon Disulfide	4.02	76	415056	44.888	ug/l	100
18) Methyl Acetate	4.28	43	197340	50.442	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	555995	46.929	ug/l	98
20) Methylene Chloride	4.51	84	184414	47.232	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	165950	47.120	ug/l	96
22) Diisopropyl ether	5.90	45	604452	47.135	ug/l	99
23) Vinyl Acetate	5.84	43	2461785	233.748	ug/l	99
24) 1,1-Dichloroethane	5.80	63	333354	47.614	ug/l	99
25) 2-Butanone	6.78	43	525145	221.570	ug/l	99
26) 2,2-Dichloropropane	6.78	77	262893	42.649	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	196620	49.324	ug/l	98
28) Bromochloromethane	7.15	49	148698	45.999	ug/l	97
29) Tetrahydrofuran	7.16	42	356223	220.063	ug/l	99
30) Chloroform	7.33	83	341619	48.634	ug/l	100
31) Cyclohexane	7.61	56	282830	42.707	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	303783	48.624	ug/l	99
36) 1,1-Dichloropropene	7.75	75	253387	47.007	ug/l	99
37) Ethyl Acetate	6.88	43	232427	43.933	ug/l	98
38) Carbon Tetrachloride	7.74	117	257832	46.857	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	255485	43.670	ug/l	98
40) Benzene	8.00	78	730210	47.455	ug/l	99
41) Methacrylonitrile	7.16	41	336549	141.441	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	292303	47.236	ug/l	99
43) Isopropyl Acetate	8.13	43	407771	43.106	ug/l #	89
44) Trichloroethene	8.80	130	177498	47.559	ug/l	96
45) 1,2-Dichloropropane	9.08	63	197780	47.193	ug/l	99
46) Dibromomethane	9.17	93	131319	47.674	ug/l	98
47) Bromodichloromethane	9.37	83	275117	48.077	ug/l	98
48) Methyl methacrylate	9.17	41	204990	44.106	ug/l	96
49) 1,4-Dioxane	9.16	88	53545	802.810	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1188265	224.373	ug/l	100
52) Toluene	10.13	92	454484	49.125	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	303813	47.557	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	314929	46.736	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	181048	49.268	ug/l	98
56) Ethyl methacrylate	10.40	69	270968	47.234	ug/l	99
57) 1,3-Dichloropropane	10.68	76	304841	46.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	692509	230.118	ug/l	98
59) 2-Hexanone	10.72	43	852883	222.292	ug/l	99
60) Dibromochloromethane	10.87	129	203747	49.078	ug/l	98
61) 1,2-Dibromoethane	10.98	107	186975	48.975	ug/l	100
64) Tetrachloroethene	10.60	164	157518	49.675	ug/l	97
65) Chlorobenzene	11.41	112	475849	48.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	178826	49.351	ug/l	99
67) Ethyl Benzene	11.48	91	894276	48.039	ug/l	99
68) m/p-Xylenes	11.59	106	646834	96.371	ug/l	100
69) o-Xylene	11.92	106	316321	49.473	ug/l	98
70) Styrene	11.94	104	538094	50.185	ug/l	99
71) Bromoform	12.10	173	132675	49.149	ug/l #	100
73) Isopropylbenzene	12.23	105	849541	48.275	ug/l	99
74) N-amyl acetate	12.05	43	372768	44.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	247506	45.423	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	343085	63.119	ug/l #	100
77) Bromobenzene	12.50	156	201051	50.789	ug/l	94
78) n-propylbenzene	12.57	91	979094	47.768	ug/l	100
79) 2-Chlorotoluene	12.65	91	592922	48.257	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	712440	48.550	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	86870	43.816	ug/l	98
82) 4-Chlorotoluene	12.75	91	623798	48.051	ug/l	100
83) tert-Butylbenzene	12.97	119	579392	47.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	725800	48.966	ug/l	100
85) sec-Butylbenzene	13.15	105	762388	47.026	ug/l	99
86) p-Isopropyltoluene	13.26	119	686830	48.033	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	357075	48.667	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	362563	48.604	ug/l	99
89) n-Butylbenzene	13.59	91	613992	46.584	ug/l	100
90) Hexachloroethane	13.85	117	124581	45.755	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	347586	48.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58018	44.714	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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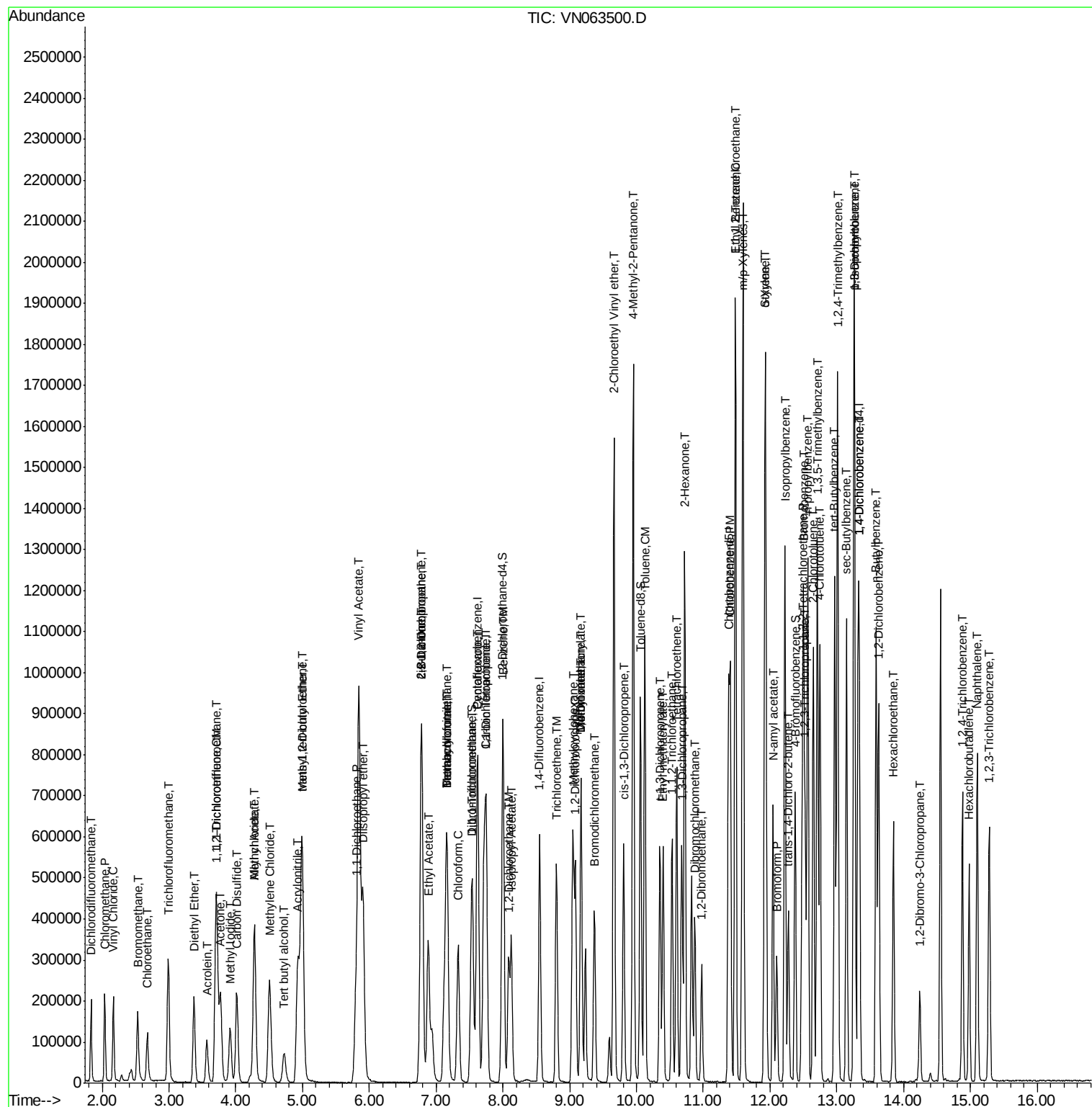
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	195346	46.000	ug/l	100
94) Hexachlorobutadiene	14.98	225	85753	48.777	ug/l	96
95) Naphthalene	15.10	128	648922	46.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	186915	45.554	ug/l	97

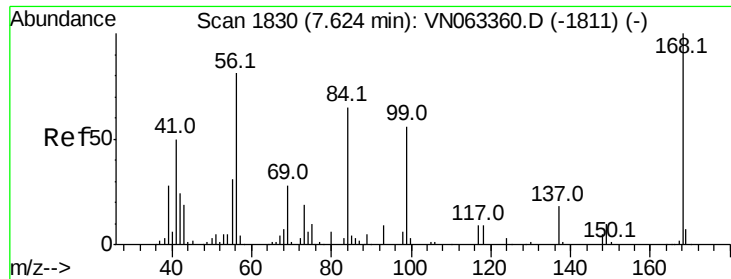
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

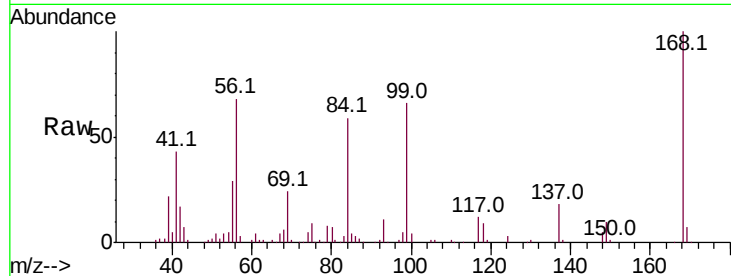
VSTDCCC050EC

Tot Ion:168 Resp: 281688

Ion Ratio Lower Upper

168 100

99 65.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

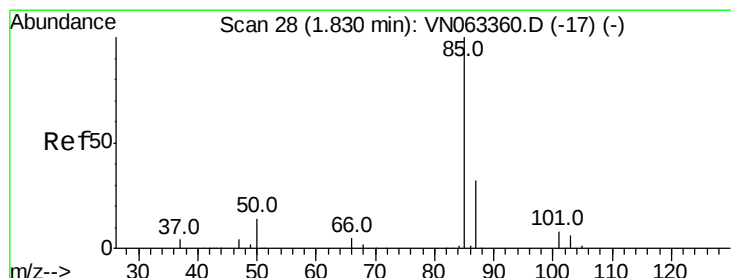
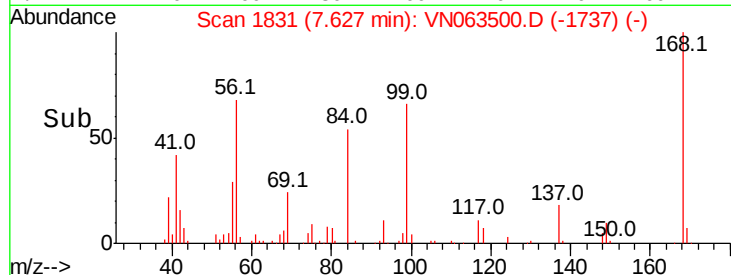
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.734 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063500.D

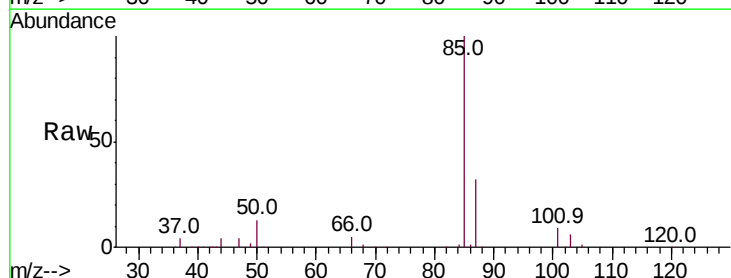
Acq: 21 Sep 2020 20:54

Tgt Ion: 85 Resp: 145949

Ion Ratio Lower Upper

85 100

87 31.8 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

120000

100000

80000

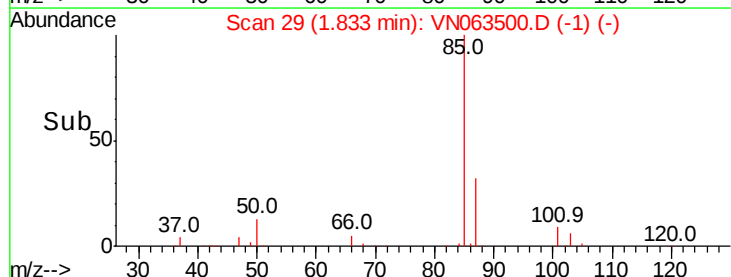
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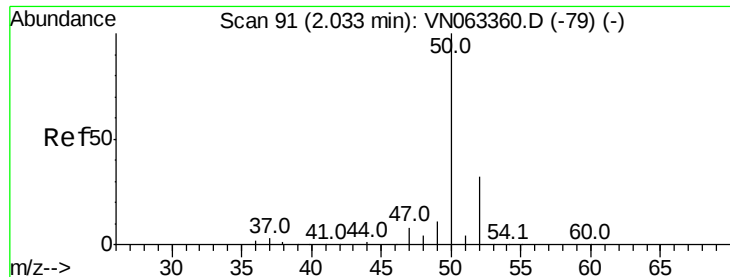
40000

20000

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Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 43.518 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

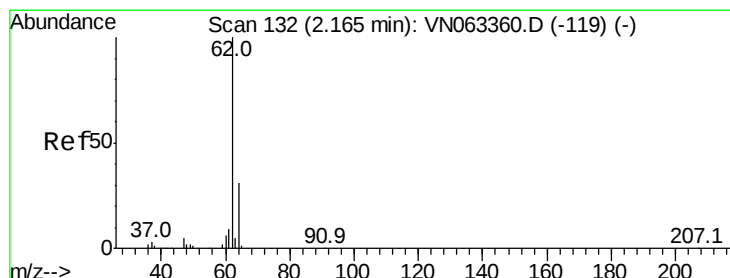
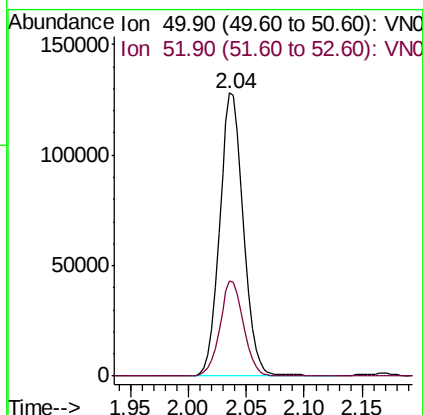
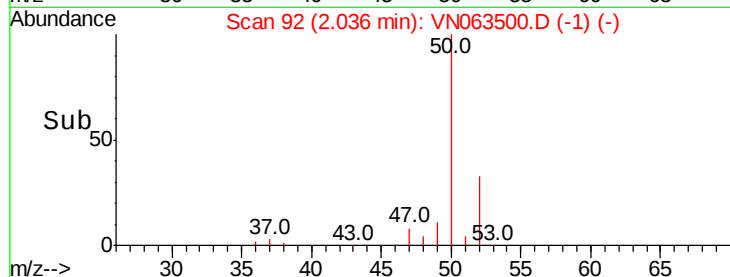
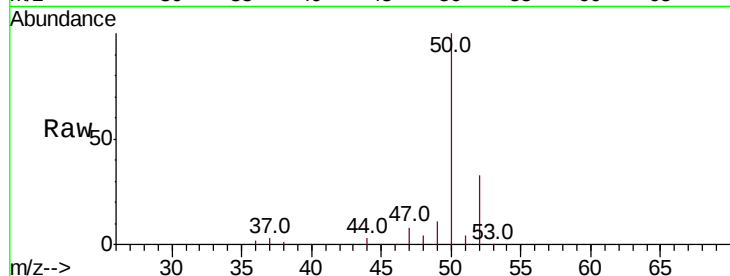
VSTDCCC050EC

Tot Ion: 50 Resp: 183720

Ion Ratio Lower Upper

50 100

52 33.5 25.9 38.9



#4

Vinyl Chloride

Concen: 49.186 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063500.D

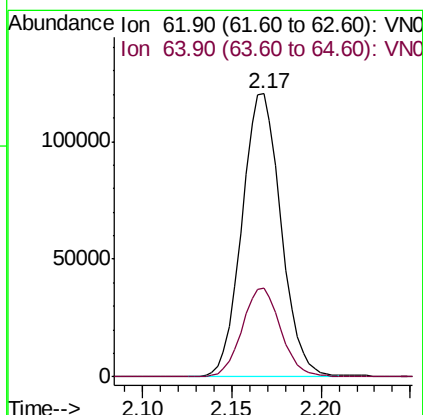
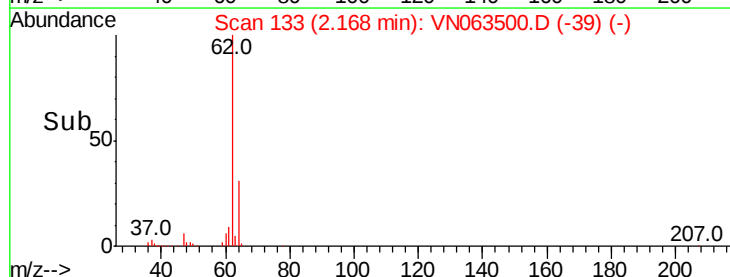
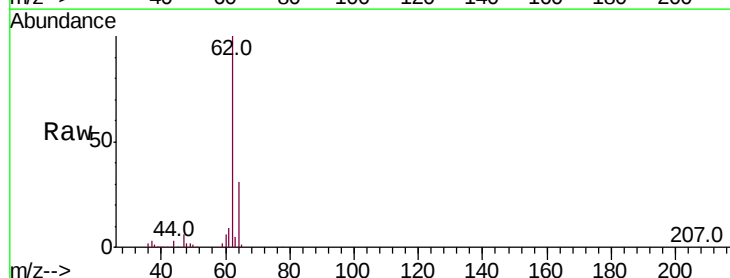
Acq: 21 Sep 2020 20:54

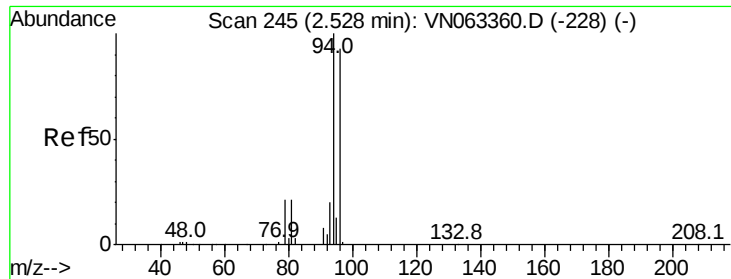
Tgt Ion: 62 Resp: 183973

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 52.020 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

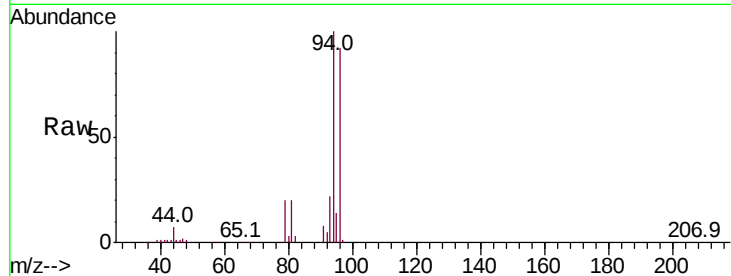
VSTDCCC050EC

Tot Ion: 94 Resp: 115526

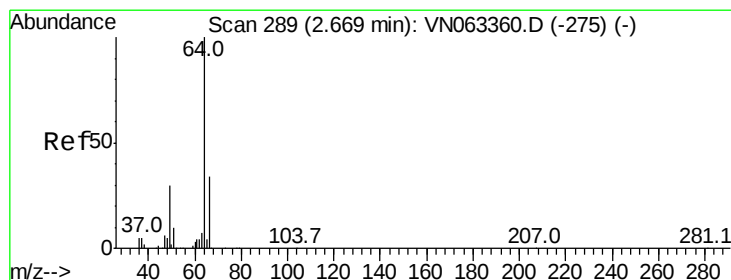
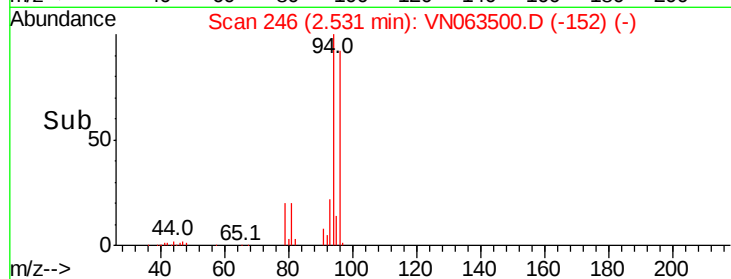
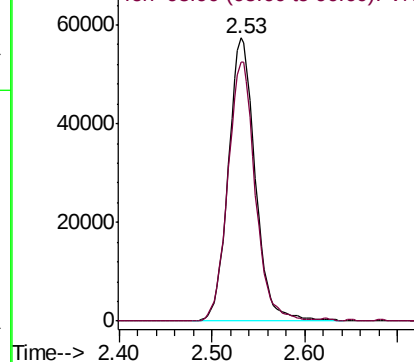
Ion Ratio Lower Upper

94 100

96 91.6 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: 48.004 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063500.D

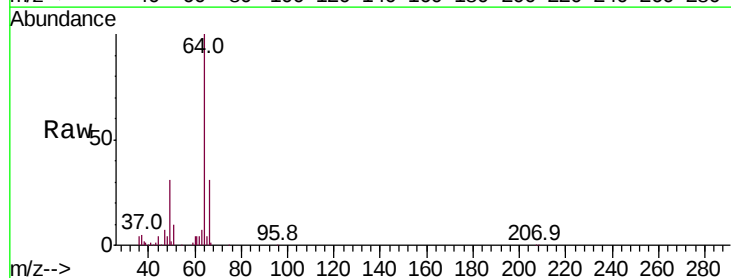
Acq: 21 Sep 2020 20:54

Tgt Ion: 64 Resp: 110216

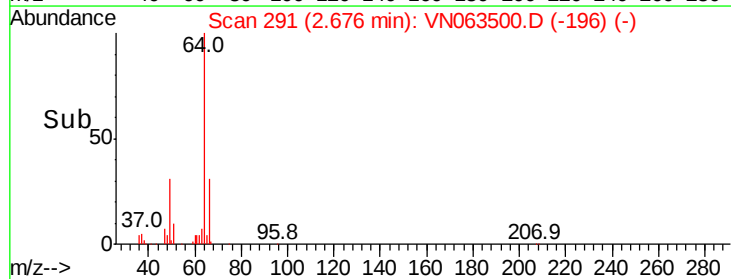
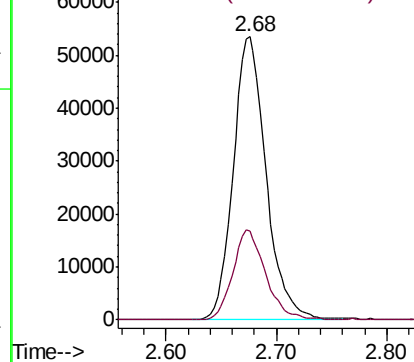
Ion Ratio Lower Upper

64 100

66 31.3 26.9 40.3



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



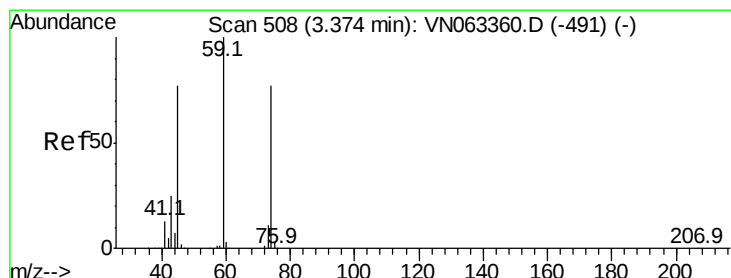
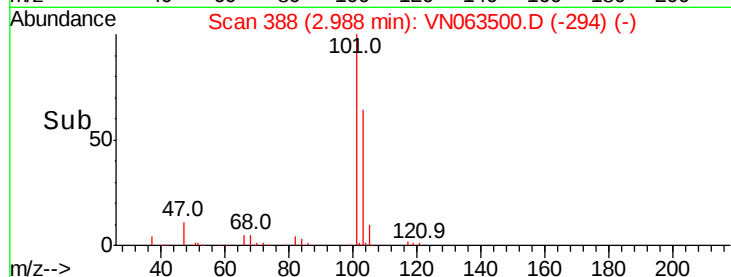
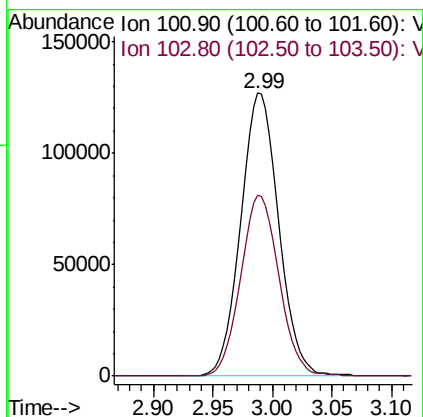
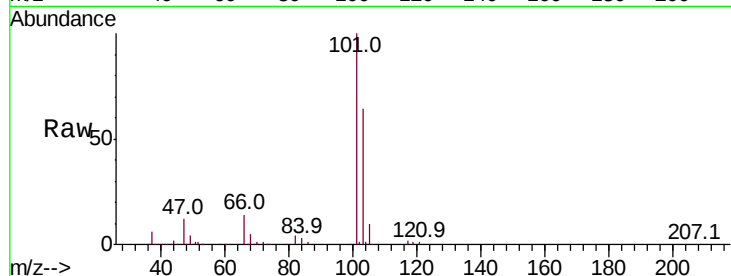


#7

Trichlorofluoromethane
 Concen: 50.331 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
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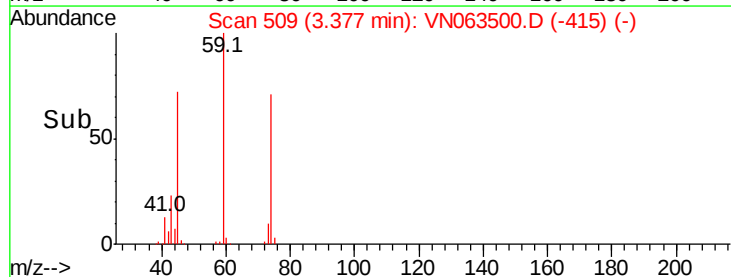
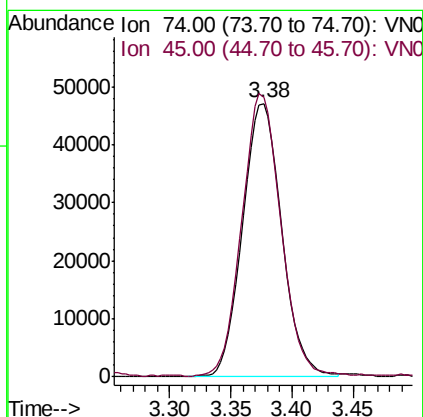
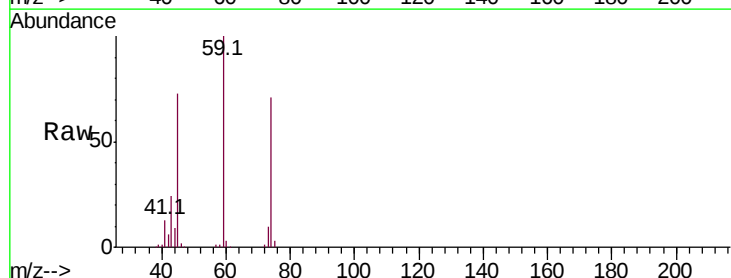
Tot Ion:101 Resp: 280874
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.3 78.5

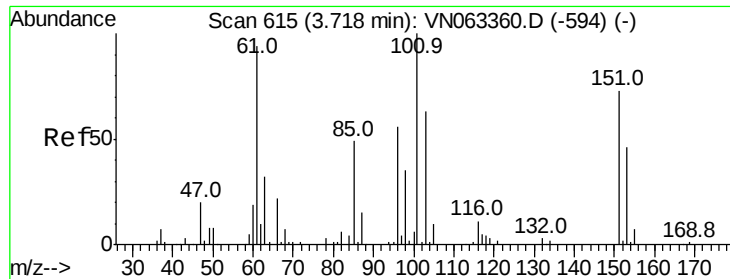


#8

Diethyl Ether
 Concen: 48.119 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion: 74 Resp: 104681
 Ion Ratio Lower Upper
 74 100
 45 103.5 52.1 156.4

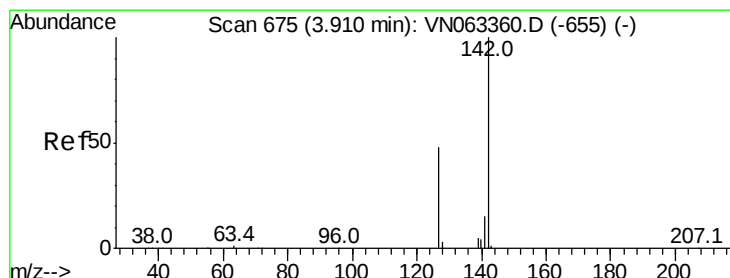
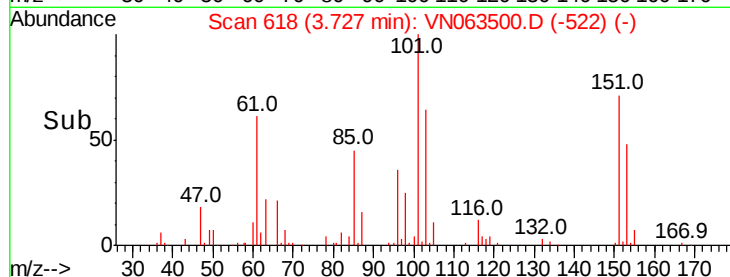
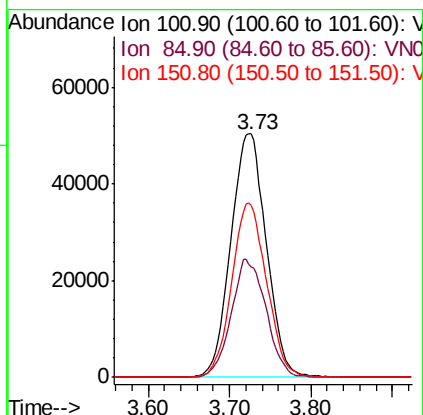
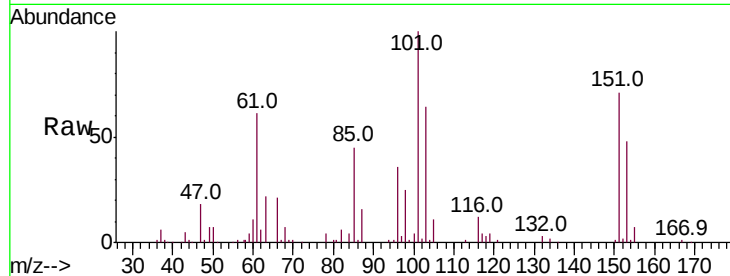




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.527 ug/l
 RT: 3.73 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

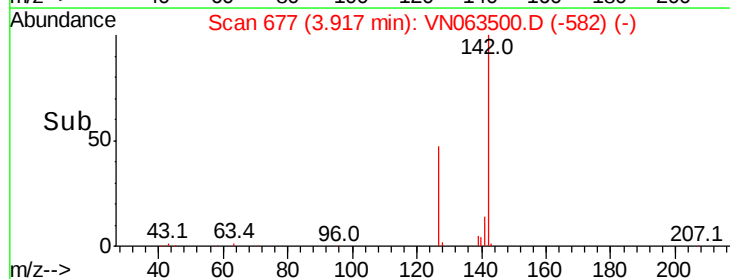
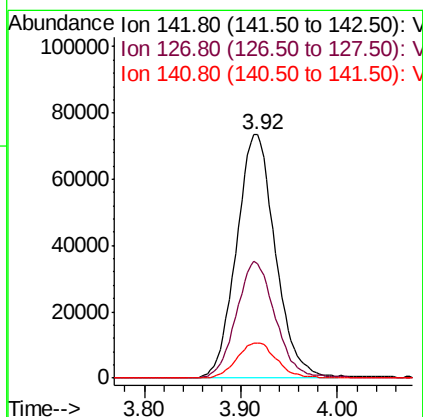
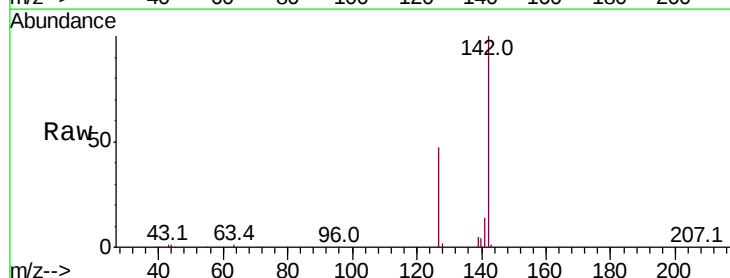
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

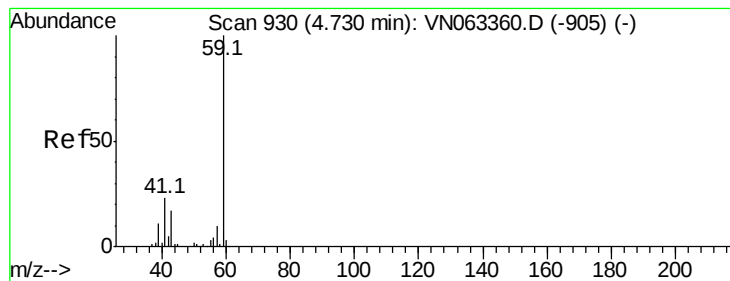
Tot Ion:101 Resp: 152298
 Ion Ratio Lower Upper
 101 100
 85 47.4 37.7 56.5
 151 70.1 57.7 86.5



#10
 Methyl Iodide
 Concen: 50.280 ug/l
 RT: 3.92 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion:142 Resp: 205443
 Ion Ratio Lower Upper
 142 100
 127 47.7 39.0 58.6
 141 14.7 11.6 17.4



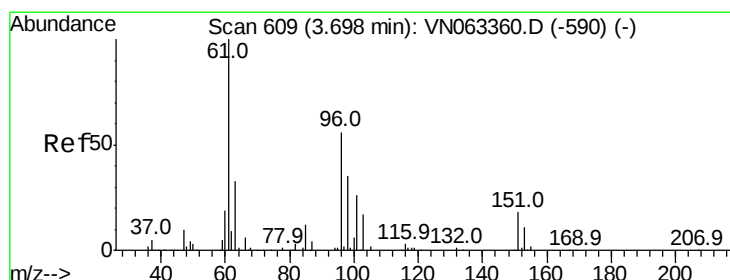
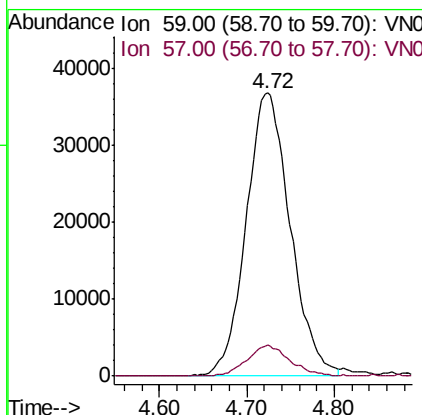
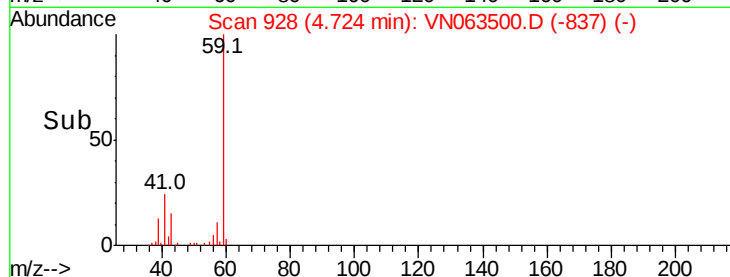
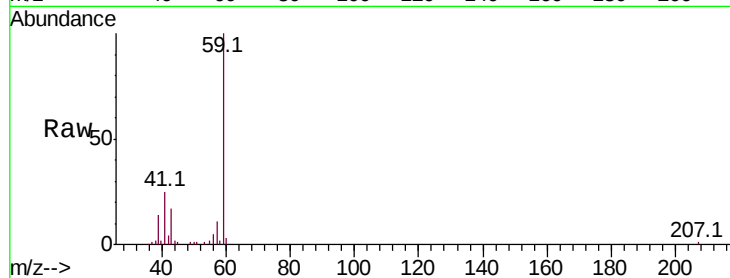


#11

Tert butyl alcohol
 Concen: 192.903 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

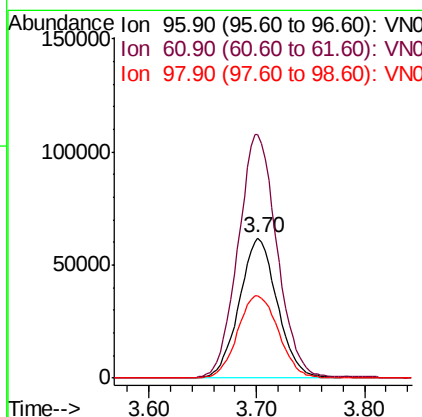
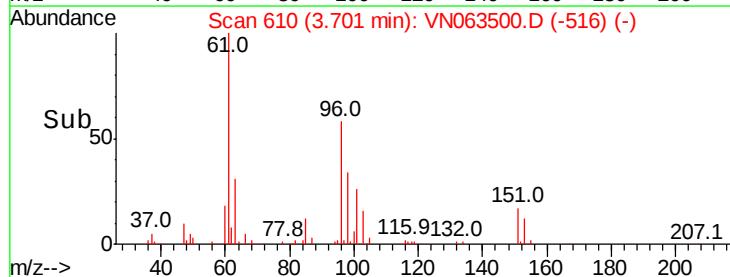
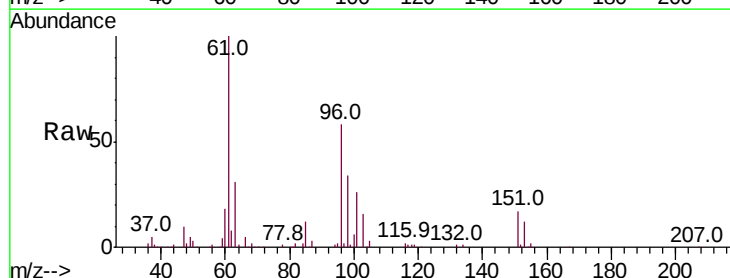
Tot Ion: 59 Resp: 128143
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

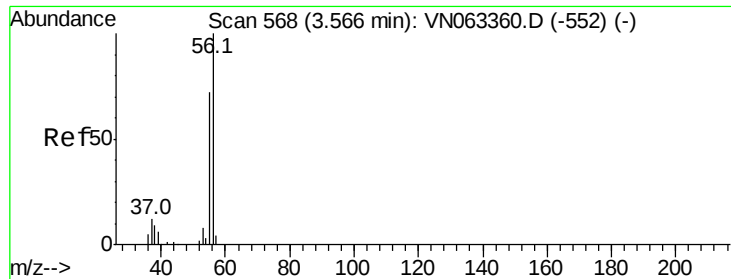


#12

1,1-Dichloroethene
 Concen: 47.758 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion: 96 Resp: 151812
 Ion Ratio Lower Upper
 96 100
 61 173.5 143.4 215.2
 98 58.6 50.6 76.0

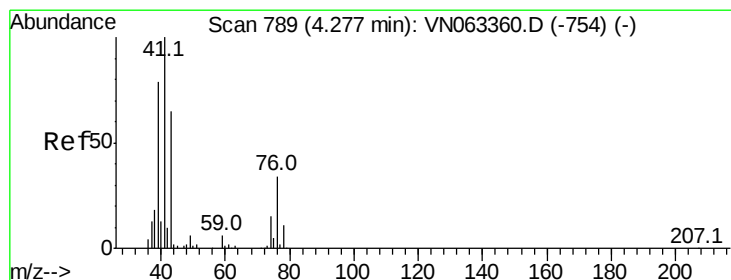
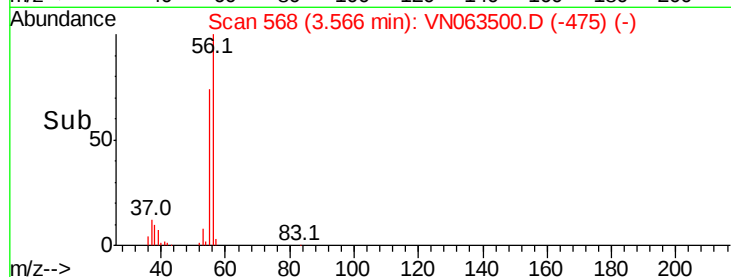
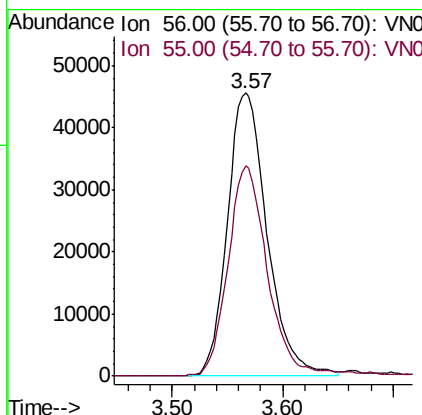
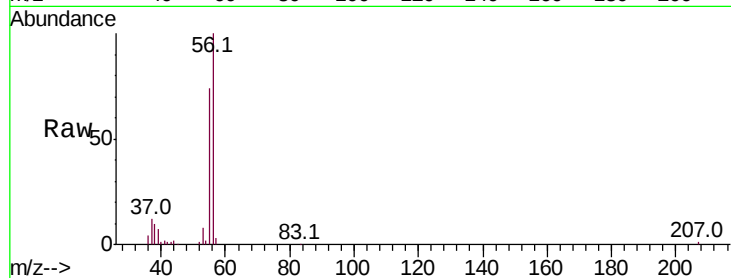




#13
Acrolein
Concen: 462.028 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

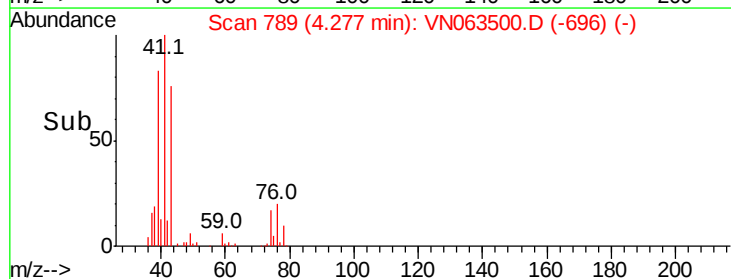
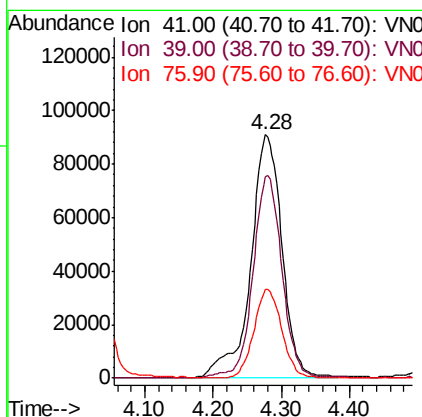
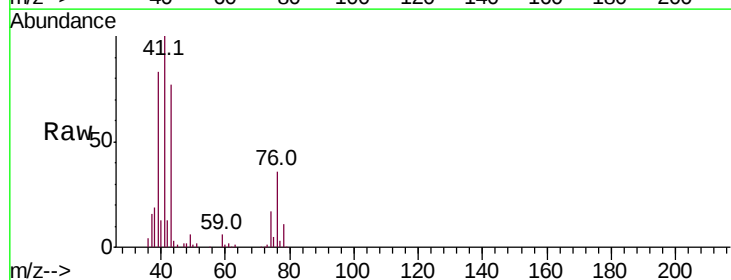
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

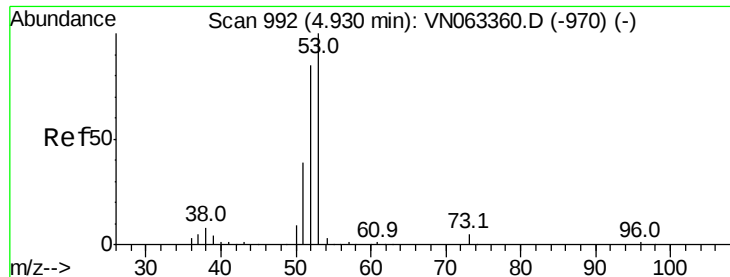
Tot Ion: 56 Resp: 113740
Ion Ratio Lower Upper
56 100
55 72.9 58.2 87.2



#14
Allyl chloride
Concen: 46.185 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 41 Resp: 290404
Ion Ratio Lower Upper
41 100
39 75.9 59.3 88.9
76 31.8 25.3 37.9





#15

Acrylonitrile

Concen: 231.079 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

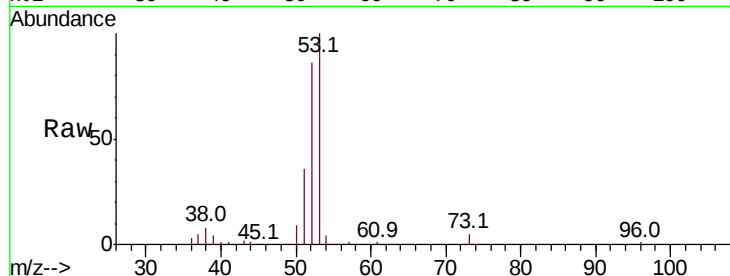
Tot Ion: 53 Resp: 390460

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 37.5 30.2 45.4



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

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

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

4.93

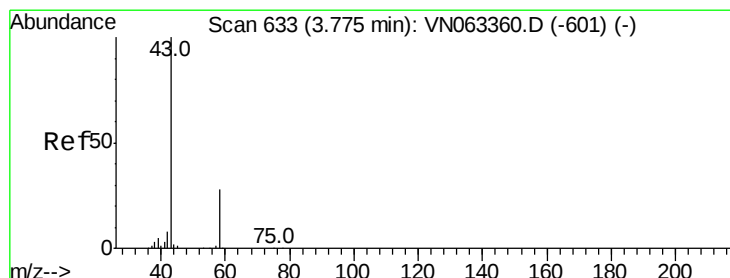
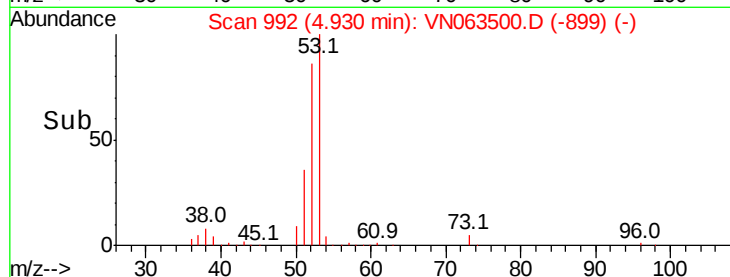
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 220.869 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063500.D

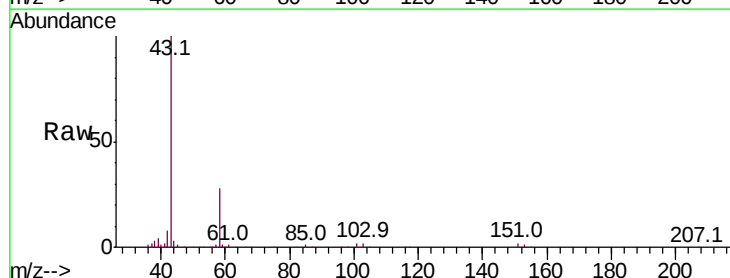
Acq: 21 Sep 2020 20:54

Tgt Ion: 43 Resp: 340371

Ion Ratio Lower Upper

43 100

58 28.4 22.3 33.5



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

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

3.77

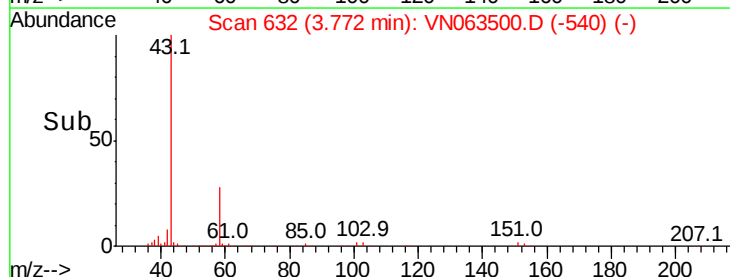
150000

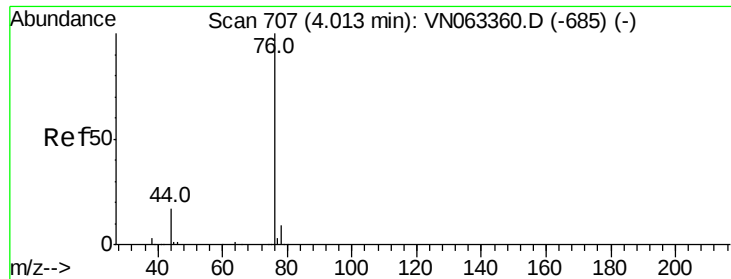
100000

50000

0

Time-->

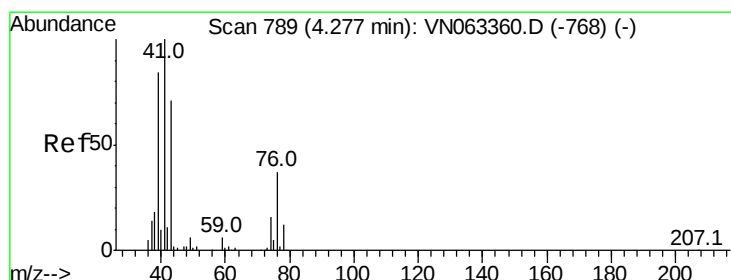
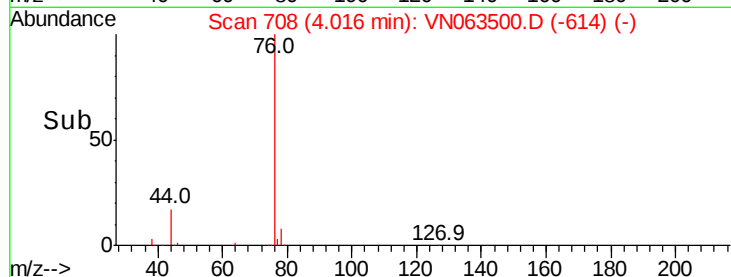
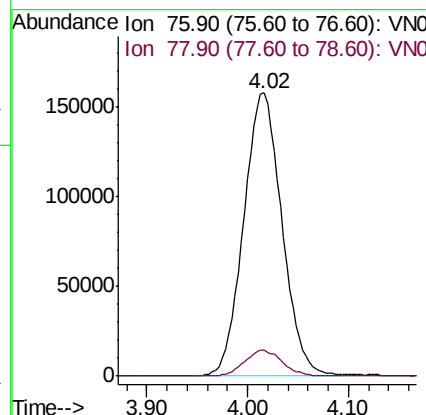
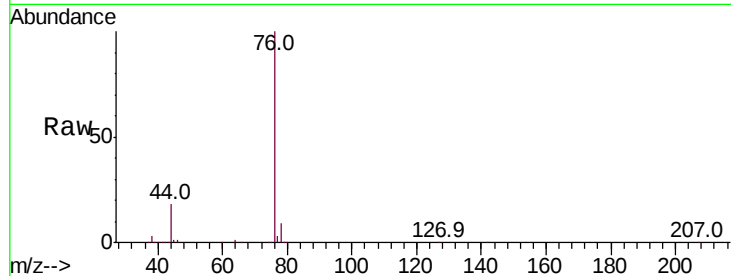




#17
Carbon Disulfide
Concen: 44.888 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

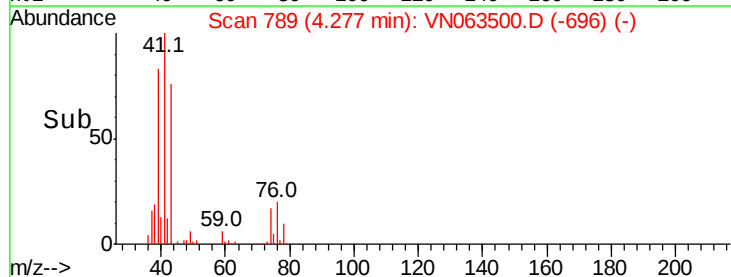
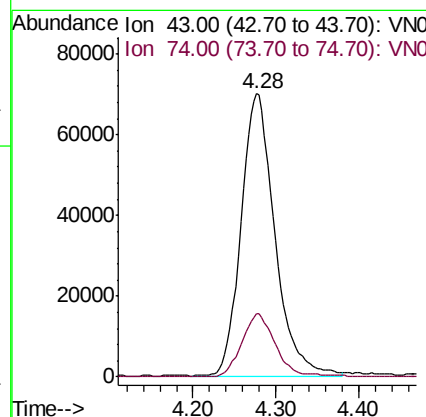
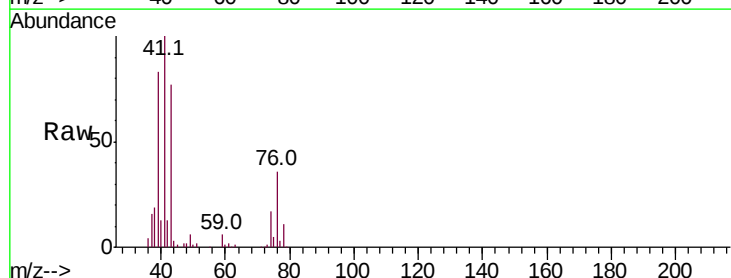
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

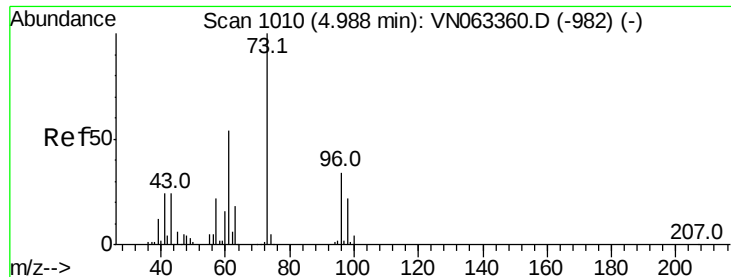
Tot Ion: 76 Resp: 415056
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.442 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 43 Resp: 197340
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2

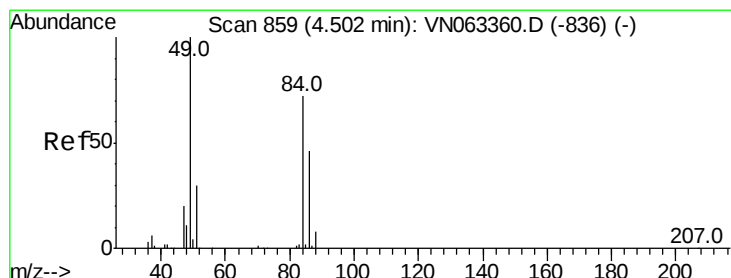
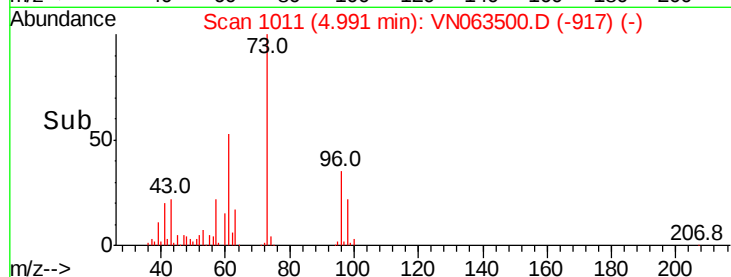
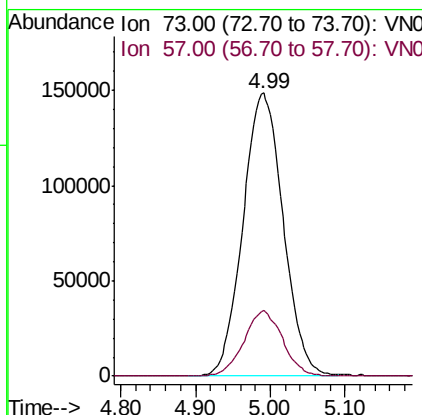
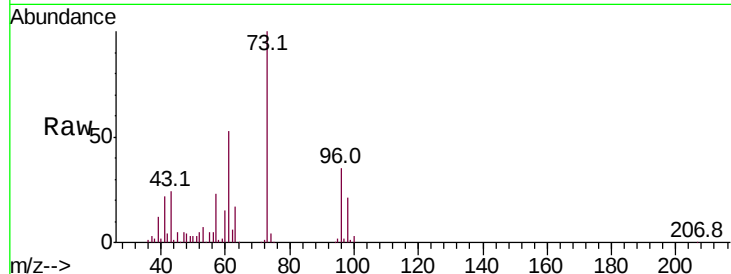




#19
Methvl tert-butvl Ether
Concen: 46.929 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

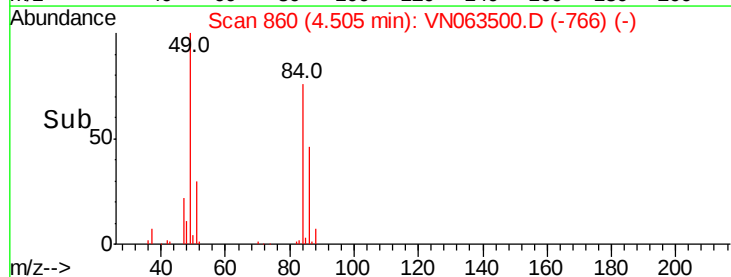
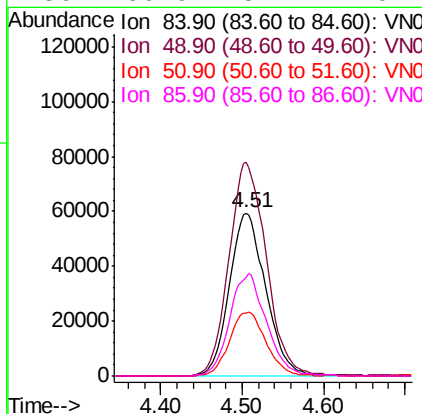
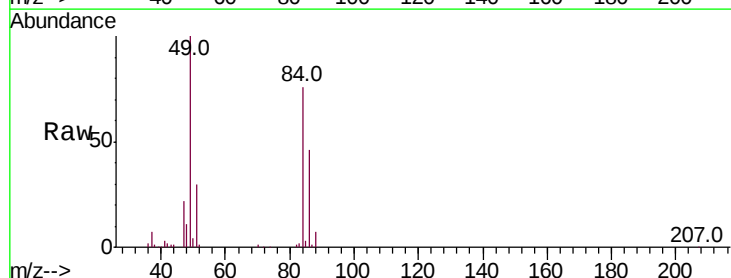
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

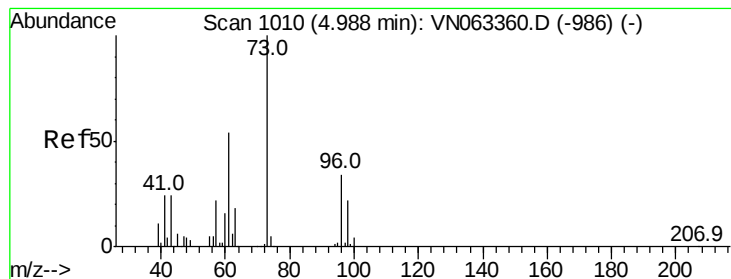
Tot Ion: 73 Resp: 555995
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9



#20
Methylene Chloride
Concen: 47.232 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 84 Resp: 184414
Ion Ratio Lower Upper
84 100
49 131.2 110.7 166.1
51 38.8 32.9 49.3
86 60.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.120 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

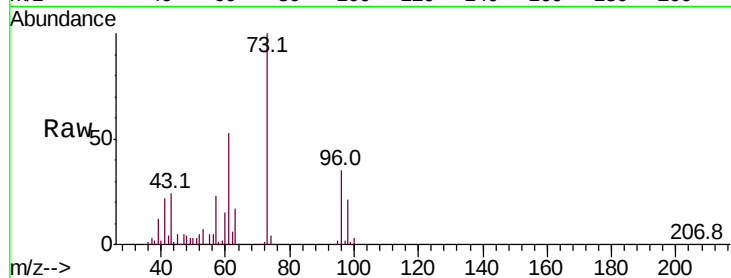
Tot Ion: 96 Resp: 165950

Ion Ratio Lower Upper

96 100

61 152.2 126.2 189.4

98 62.0 51.0 76.4

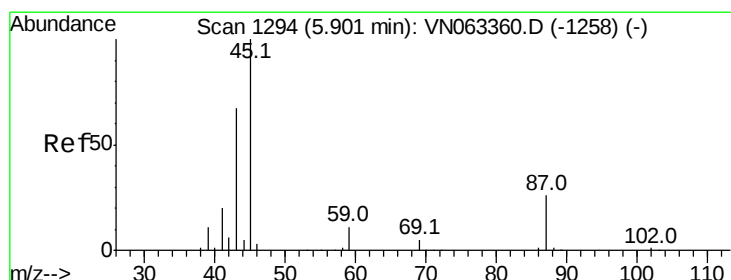
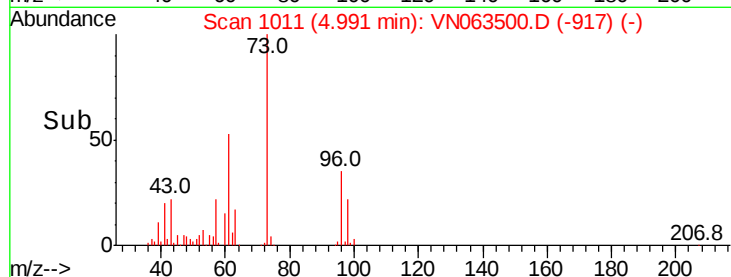
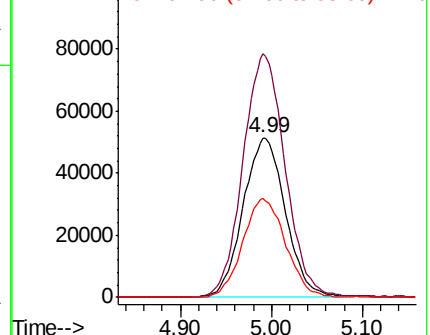


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.135 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion: 45 Resp: 604452

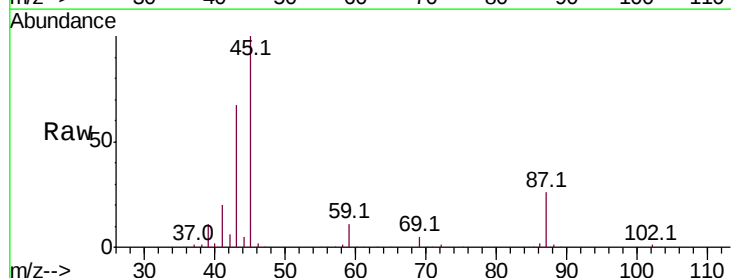
Ion Ratio Lower Upper

45 100

43 66.6 53.5 80.3

87 25.8 21.2 31.8

59 11.1 8.8 13.2



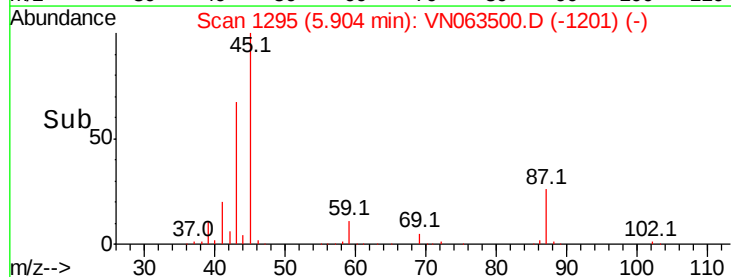
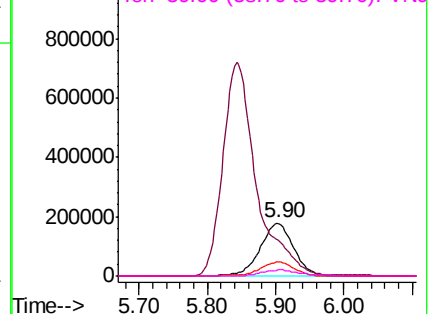
Abundance

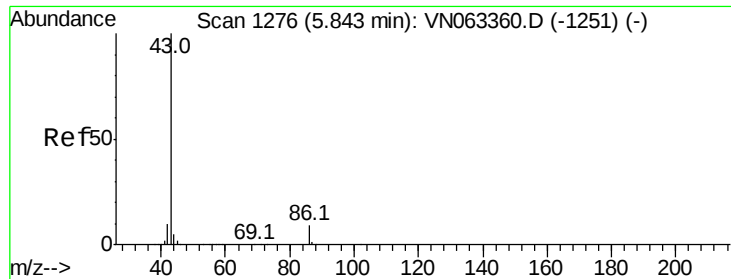
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 233.748 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

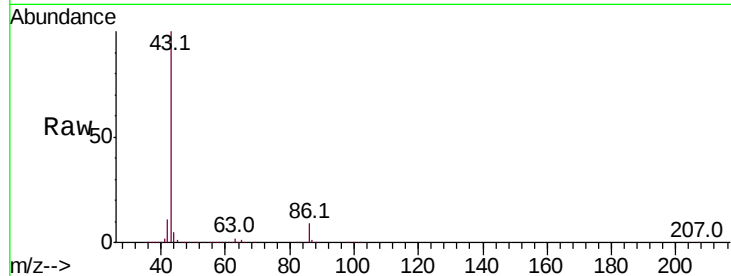
VSTDCCC050EC

Tot Ion: 43 Resp: 2461785

Ion Ratio Lower Upper

43 100

86 9.1 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

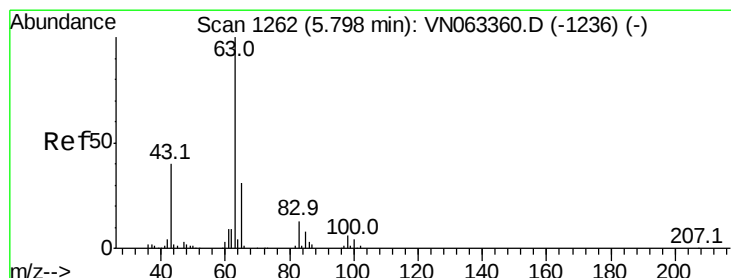
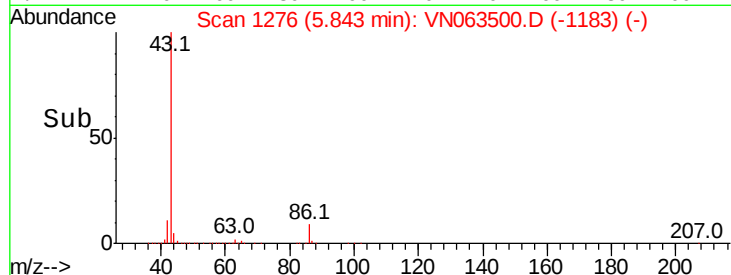
400000

200000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.614 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

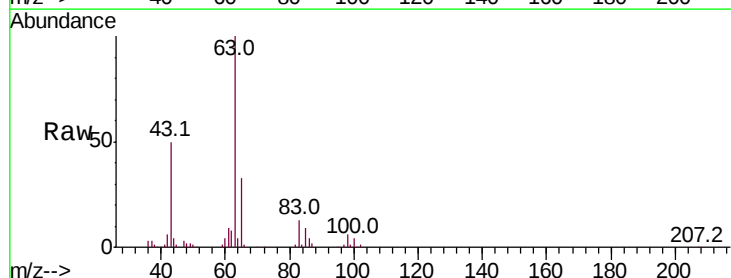
Tgt Ion: 63 Resp: 333354

Ion Ratio Lower Upper

63 100

98 5.8 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

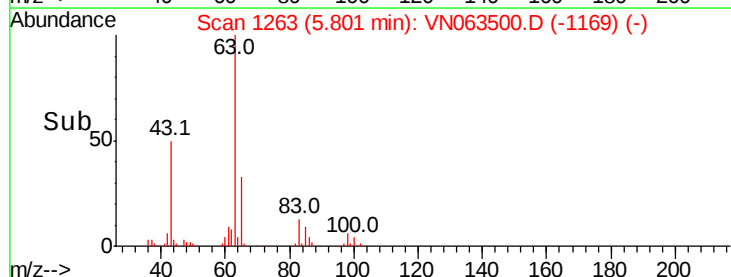
100000

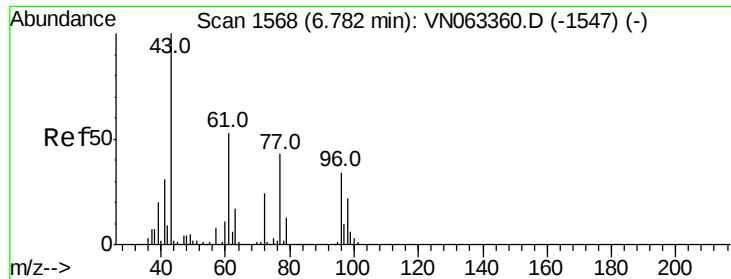
50000

0

5.70 5.80 5.90

Time-->

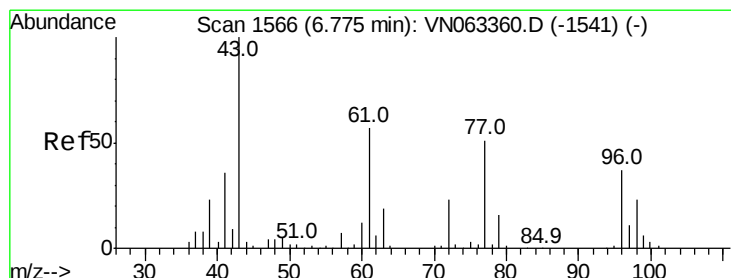
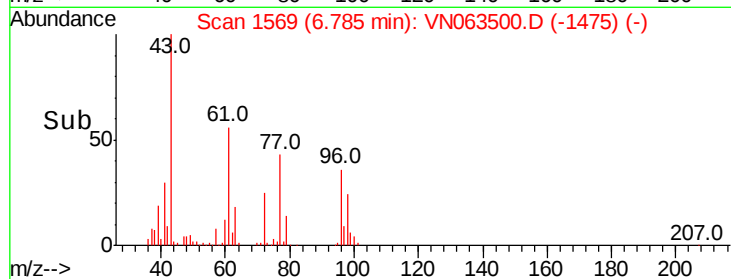
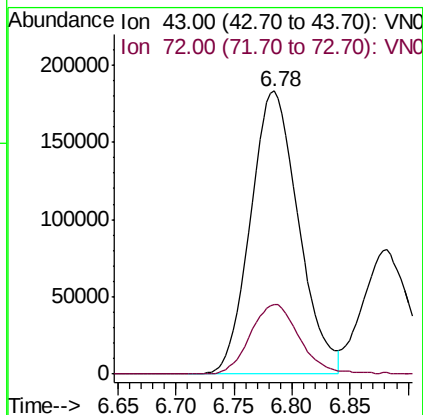
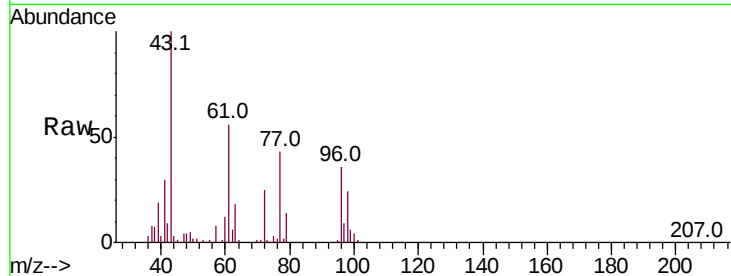




#25
 2-Butanone
 Concen: 221.570 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

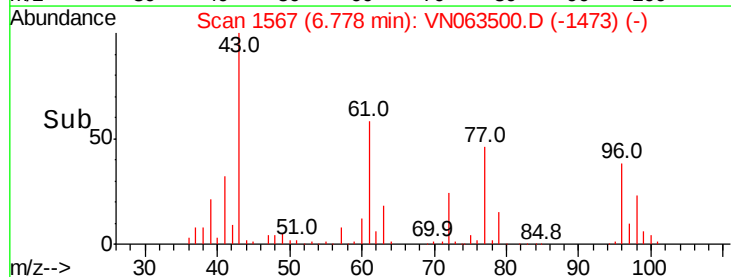
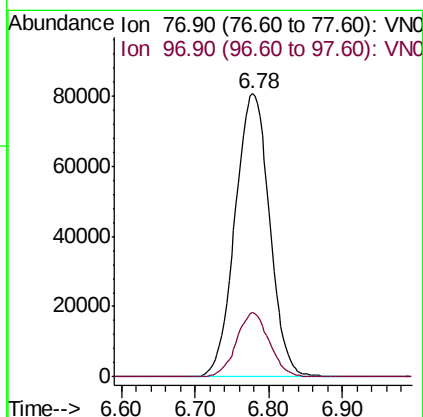
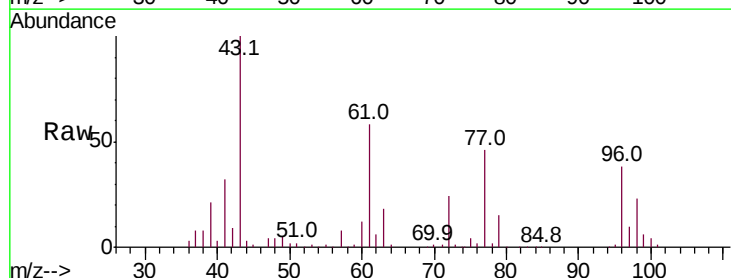
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

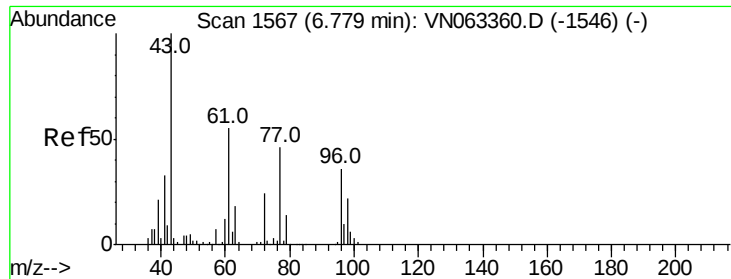
Tot Ion: 43 Resp: 525145
 Ion Ratio Lower Upper
 43 100
 72 24.7 19.2 28.8



#26
 2,2-Dichloropropane
 Concen: 42.649 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion: 77 Resp: 262893
 Ion Ratio Lower Upper
 77 100
 97 21.6 10.5 31.6

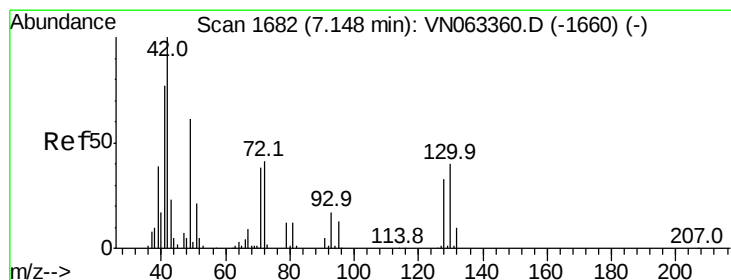
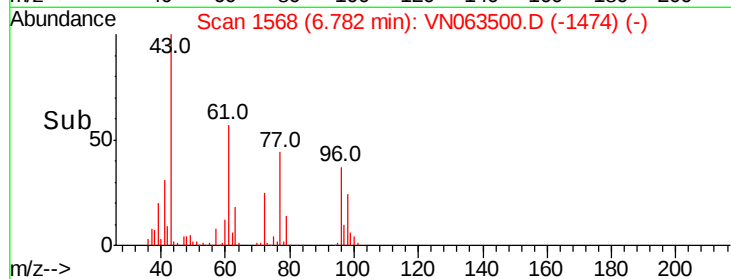
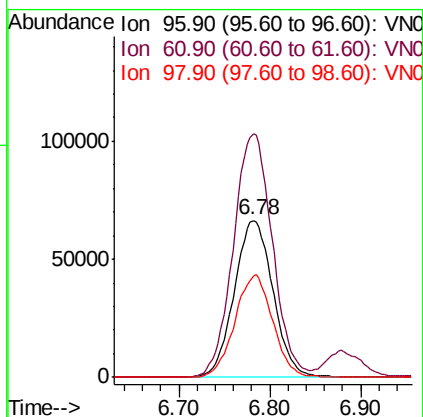
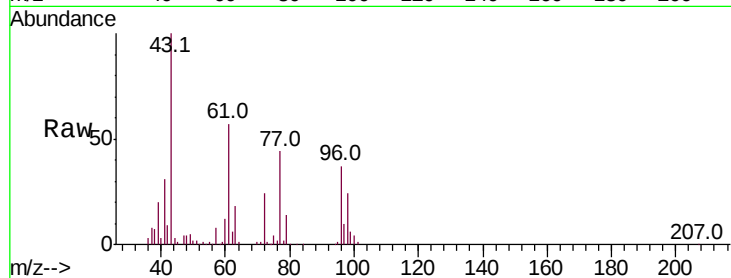




#27
 cis-1,2-Dichloroethene
 Concen: 49.324 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

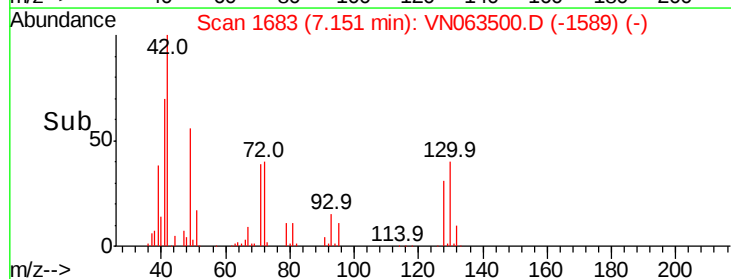
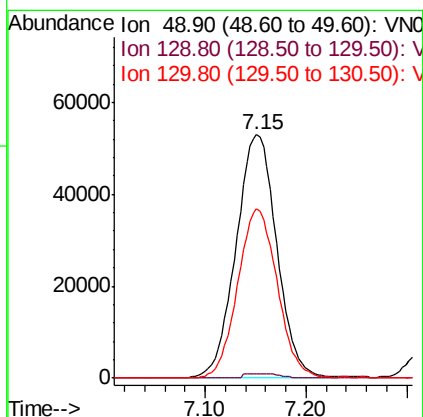
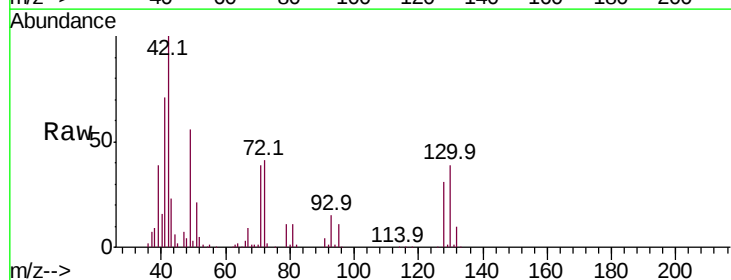
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

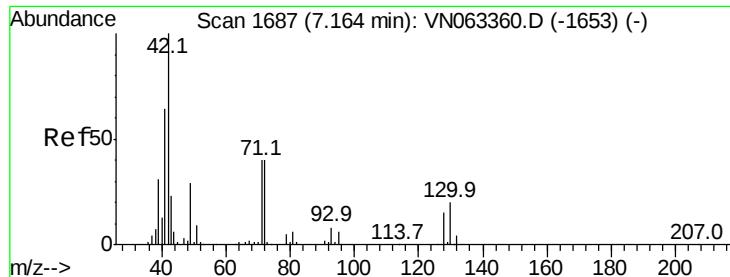
Tot Ion	96	Resp	196620
Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	319.6
98	63.9	0.0	127.8



#28
 Bromochloromethane
 Concen: 45.999 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	49	Resp	148698
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.8
130	67.3	52.2	78.2





#29

Tetrahydrofuran

Concen: 220.063 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

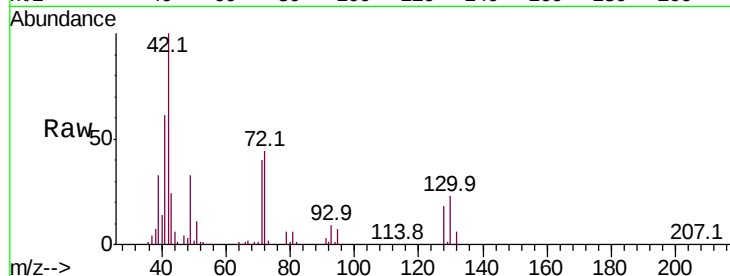
Tot Ion: 42 Resp: 356223

Ion Ratio Lower Upper

42 100

72 41.7 32.1 48.1

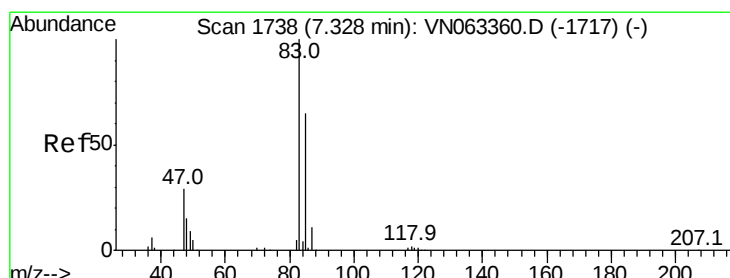
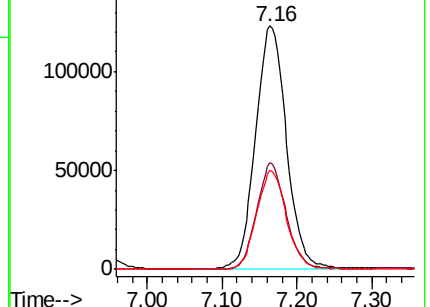
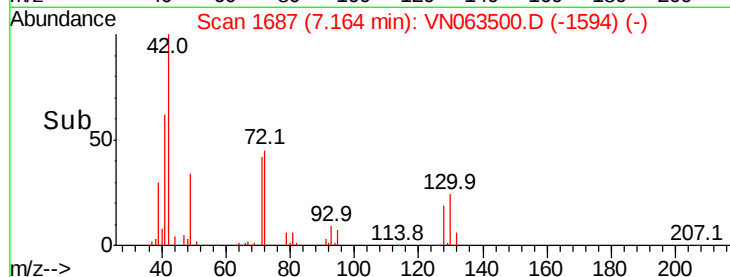
71 39.1 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN063360.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN063360.D (-1653) (-)



#30

Chloroform

Concen: 48.634 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063500.D

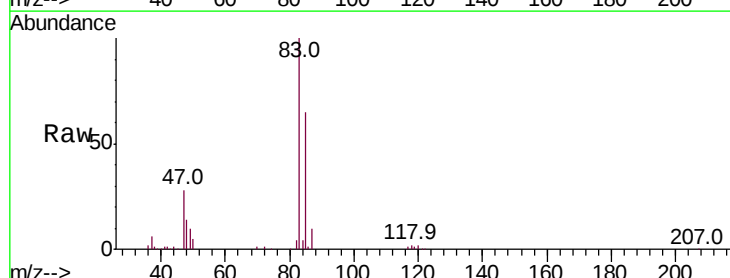
Acq: 21 Sep 2020 20:54

Tgt Ion: 83 Resp: 341619

Ion Ratio Lower Upper

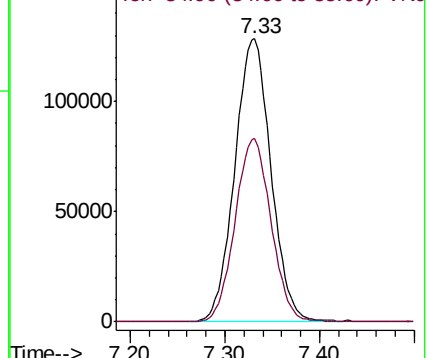
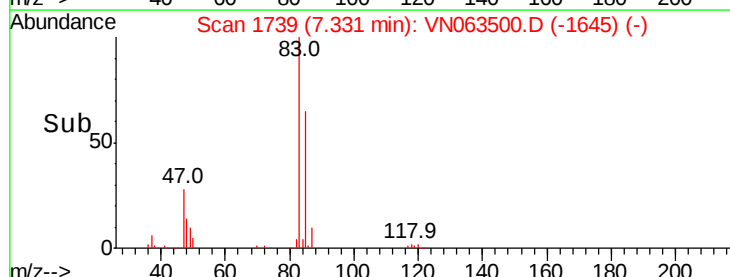
83 100

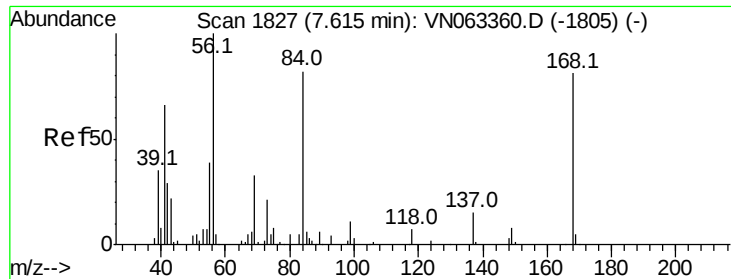
85 64.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-1717) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-1717) (-)





#31

Cyclohexane

Concen: 42.707 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

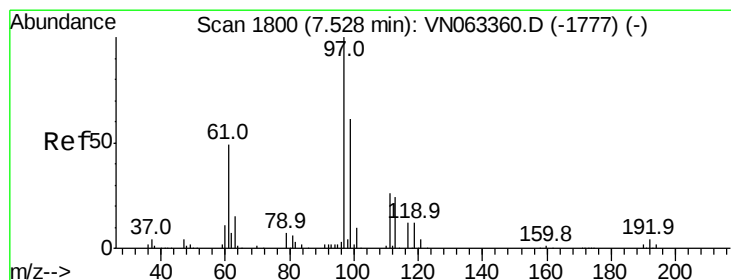
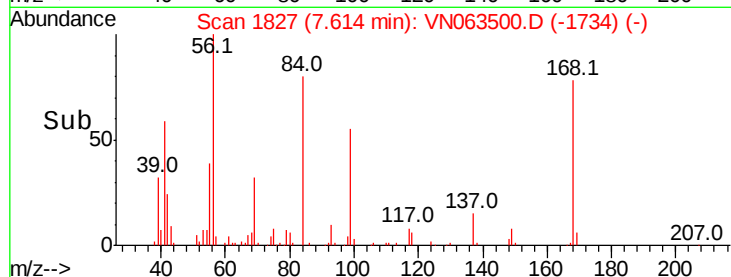
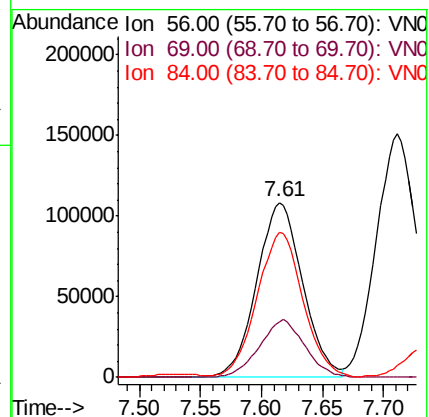
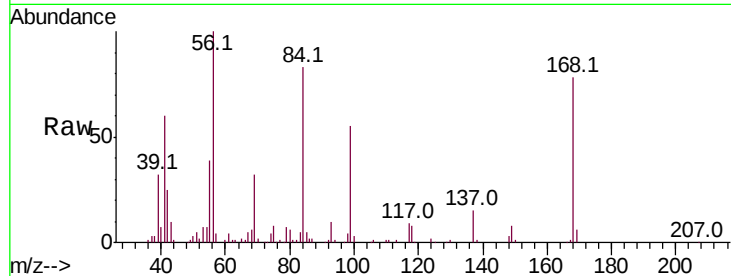
Tot Ion: 56 Resp: 282830

Ion Ratio Lower Upper

56 100

69 32.1 26.1 39.1

84 81.4 65.4 98.2



#32

1,1,1-Trichloroethane

Concen: 48.624 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

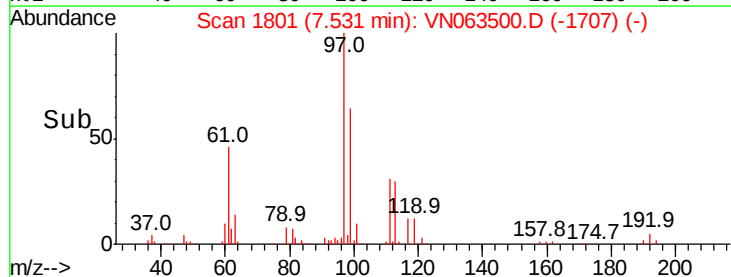
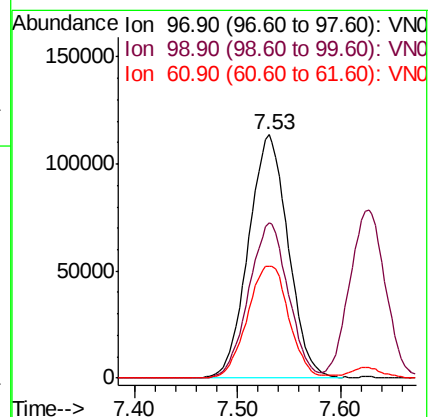
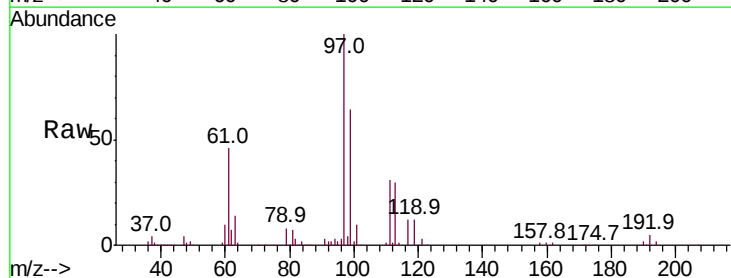
Tgt Ion: 97 Resp: 303783

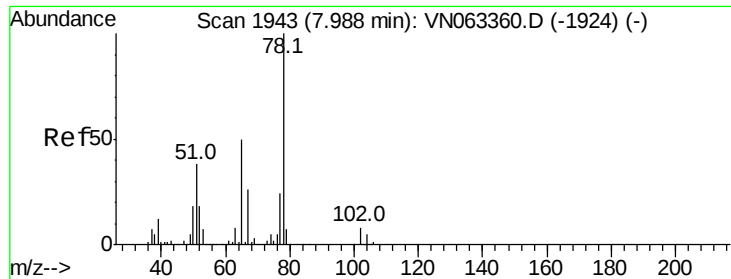
Ion Ratio Lower Upper

97 100

99 63.5 50.6 76.0

61 48.1 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 47.124 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

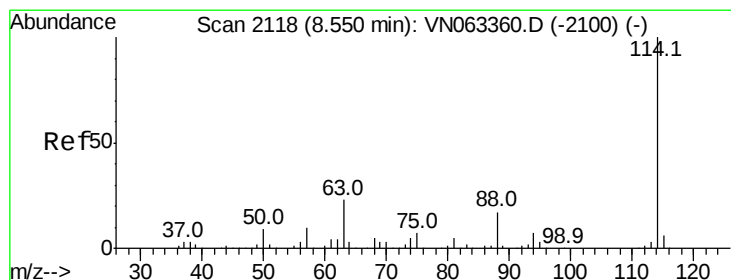
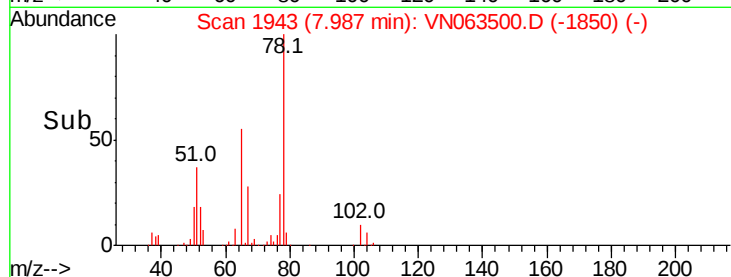
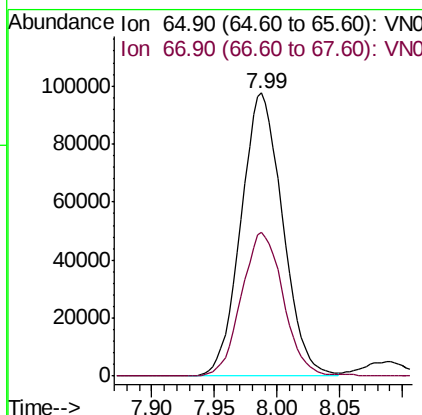
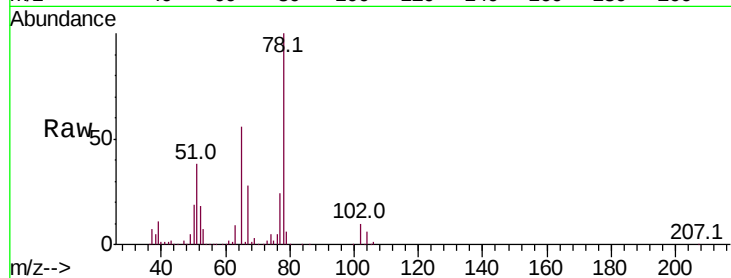
Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 225961

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

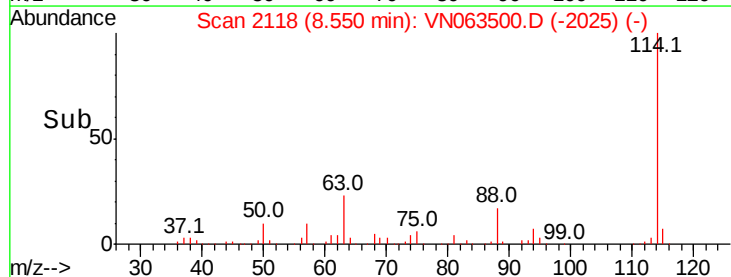
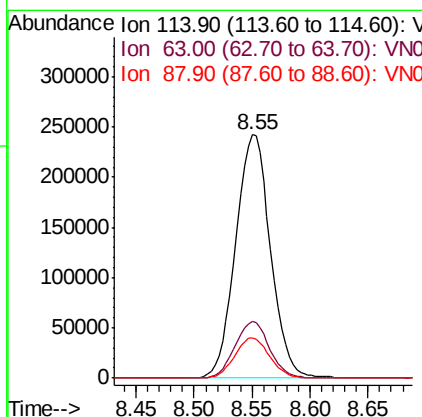
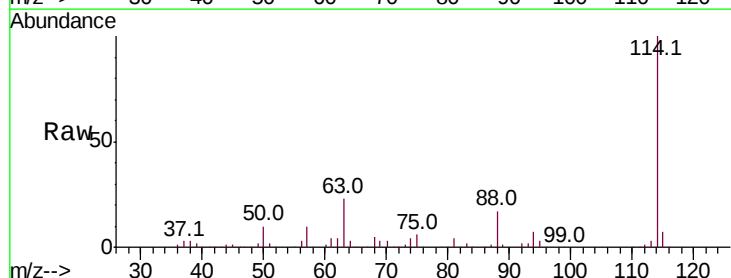
Delta R.T. -0.00 min

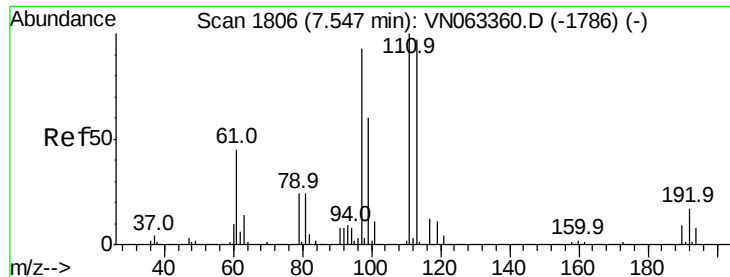
Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion: 114 Resp: 505969

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.4
88	16.6	0.0	33.2

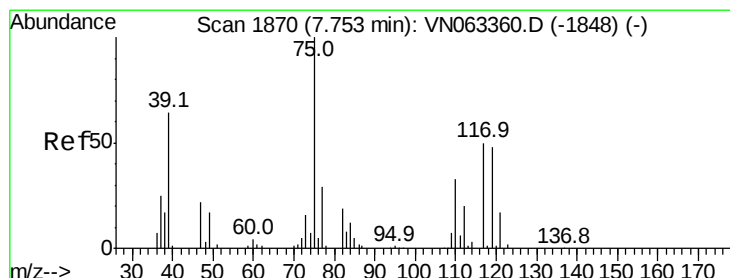
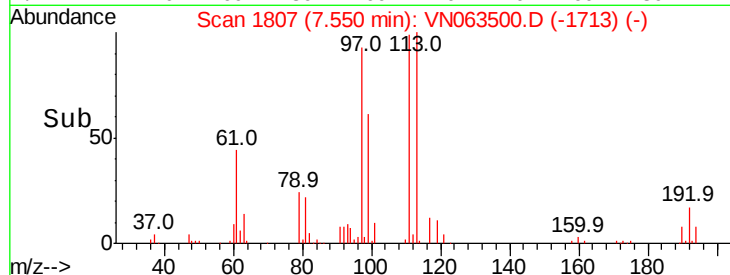
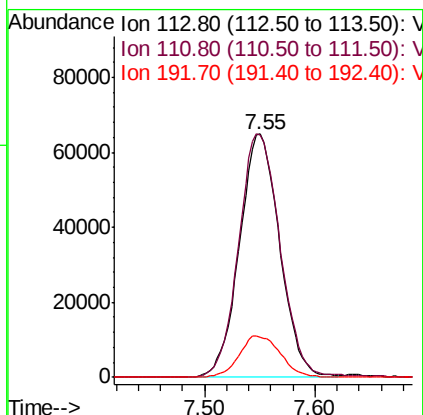
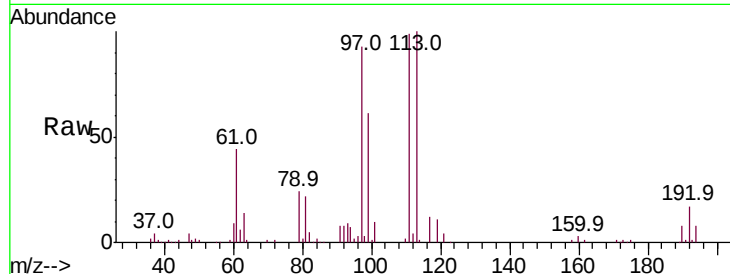




#35
 Dibromofluoromethane
 Concen: 46.818 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

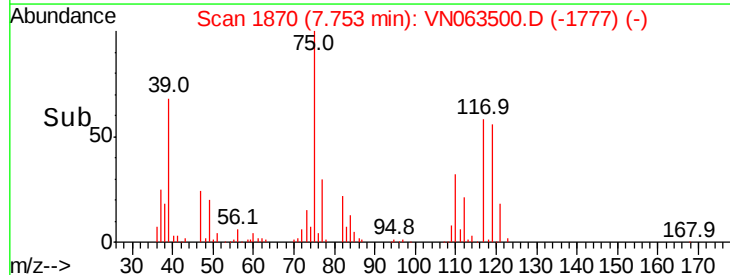
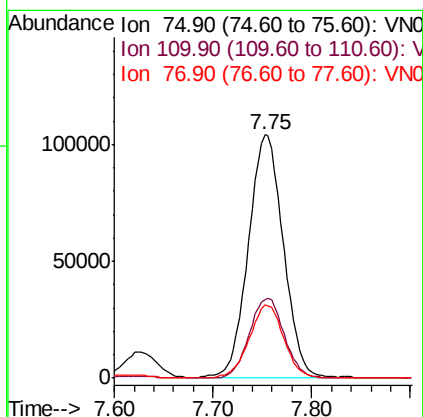
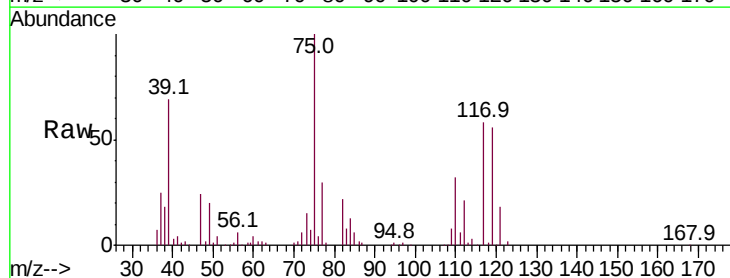
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

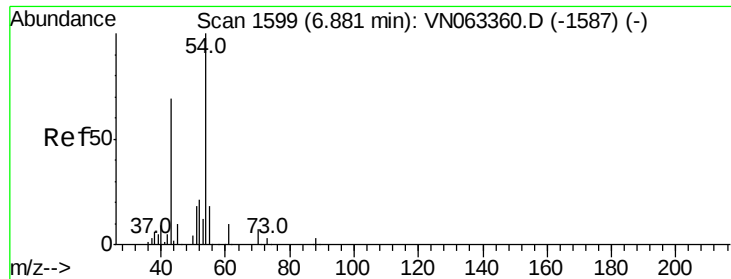
Tot Ion:113 Resp: 163990
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 17.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 47.007 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion: 75 Resp: 253387
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.5 49.5
 77 30.0 24.6 36.8

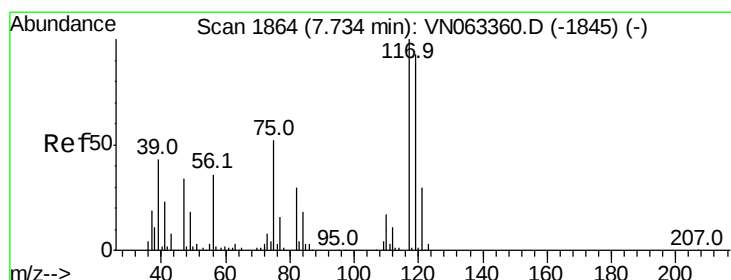
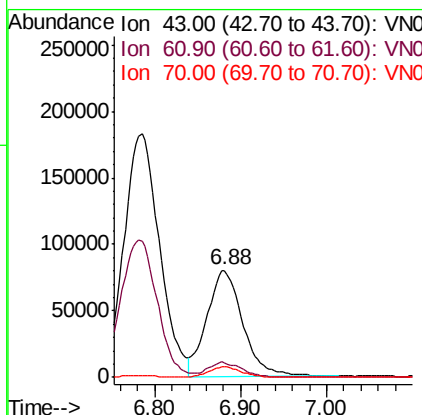
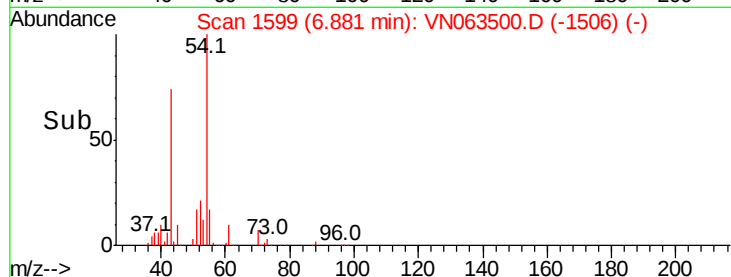
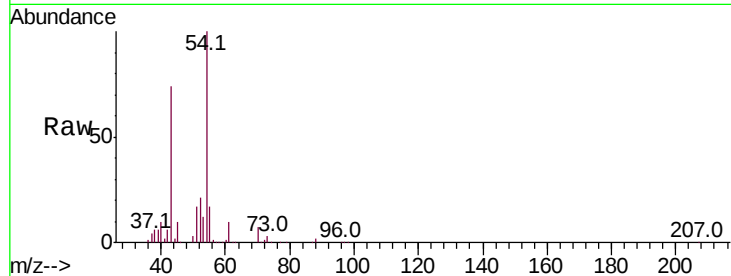




#37
Ethyl Acetate
Concen: 43.933 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

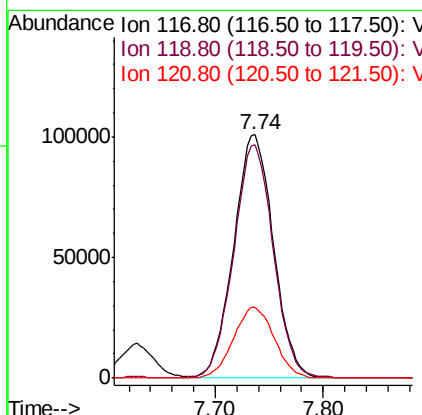
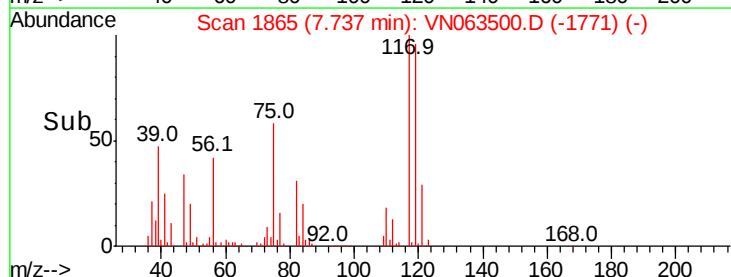
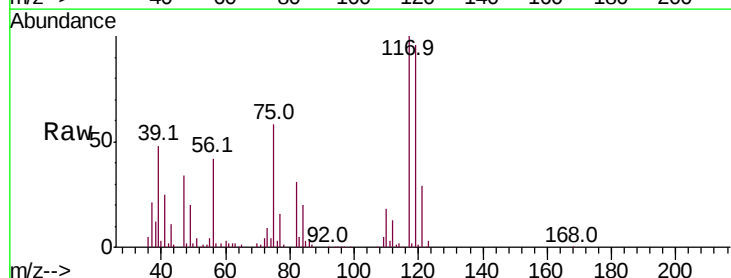
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

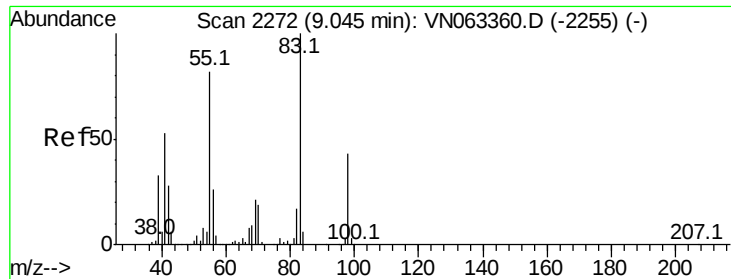
Tot Ion: 43 Resp: 232427
Ion Ratio Lower Upper
43 100
61 12.3 10.6 15.8
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 46.857 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 117 Resp: 257832
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
121 29.4 24.1 36.1

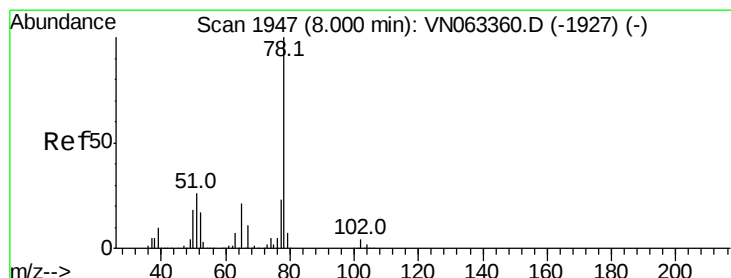
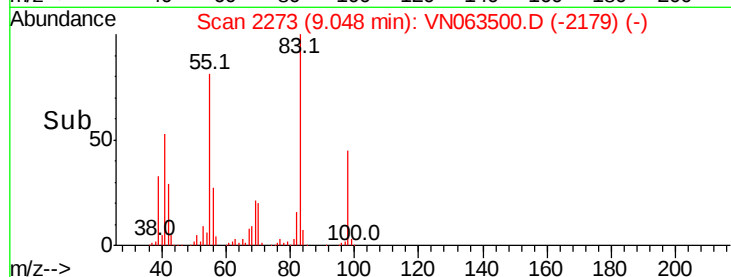
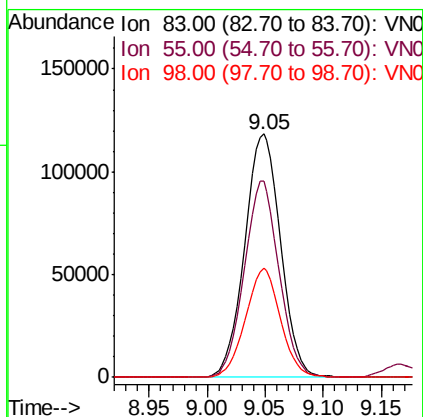
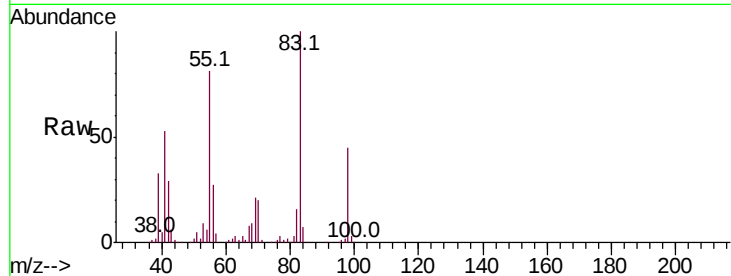




#39
Methvlcvclohexane
Concen: 43.670 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

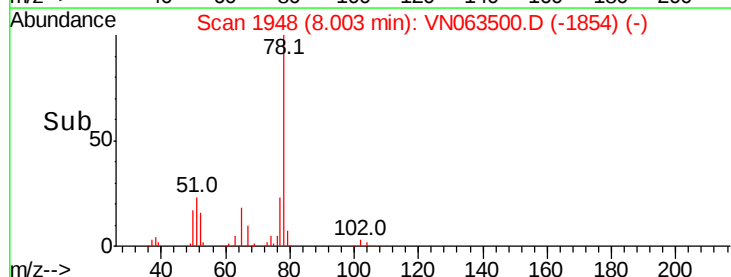
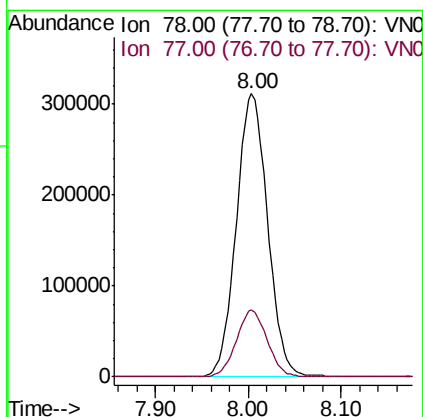
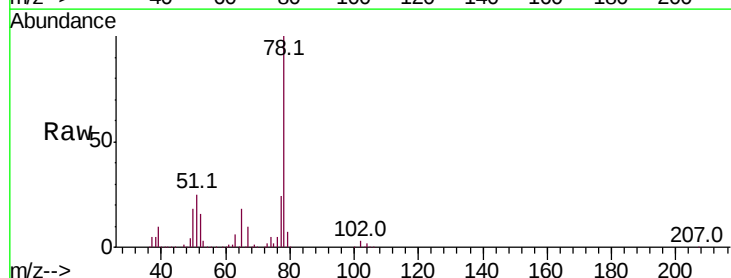
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

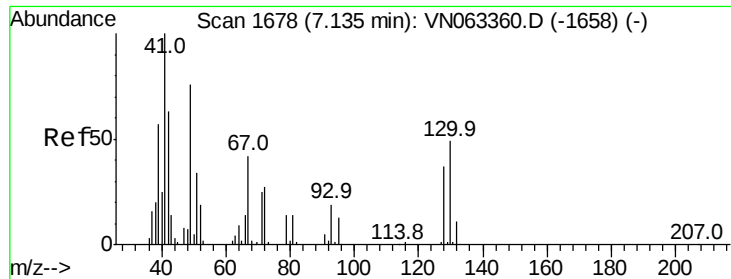
Tot Ion: 83 Resp: 255485
Ion Ratio Lower Upper
83 100
55 80.7 65.5 98.3
98 44.7 34.2 51.4



#40
Benzene
Concen: 47.455 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 78 Resp: 730210
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

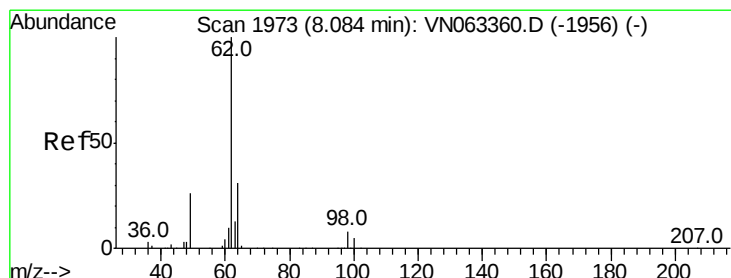
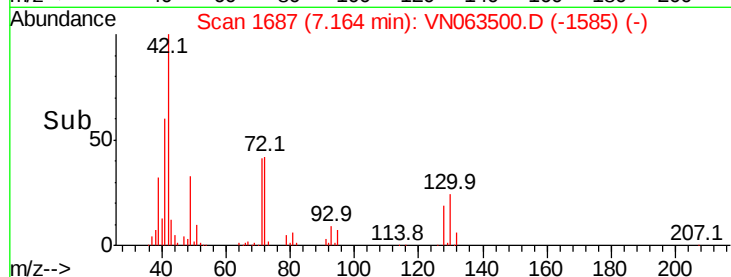
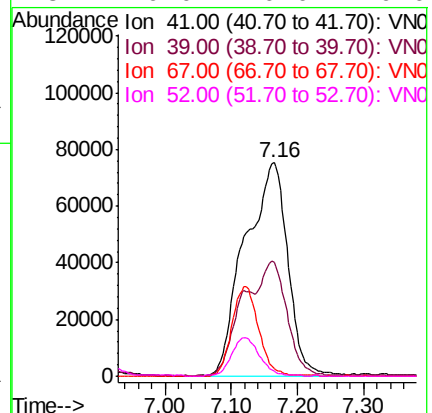
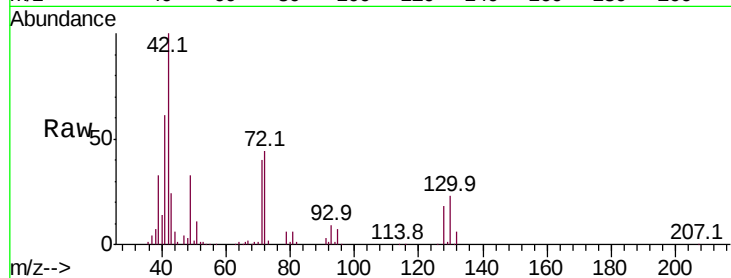




#41
Methacrylonitrile
Concen: 141.441 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

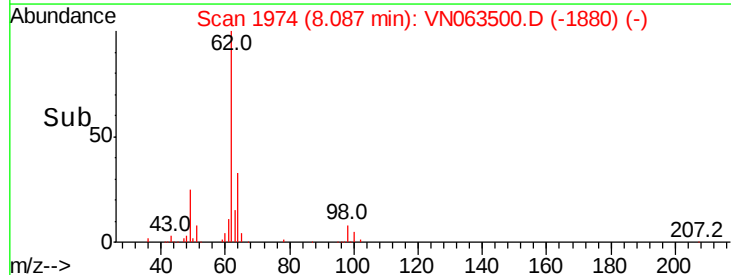
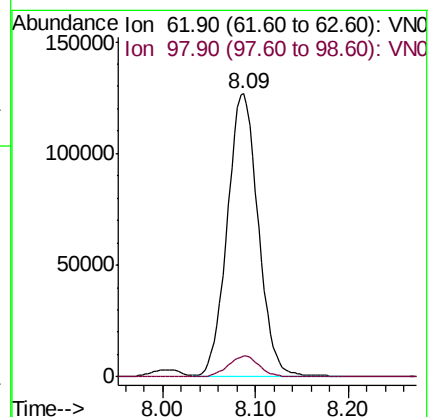
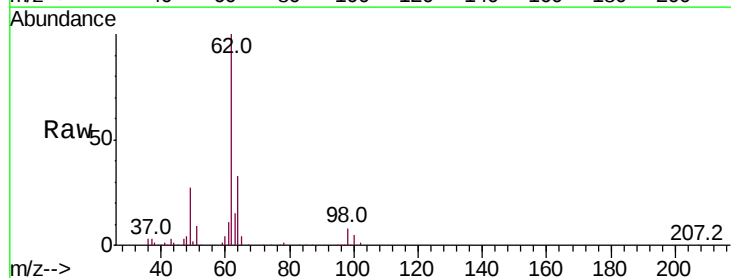
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

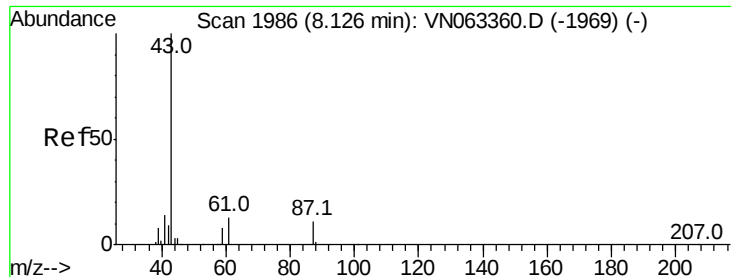
Tot Ion:	41	Resp:	336549
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.236 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion:	62	Resp:	292303
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 43.106 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

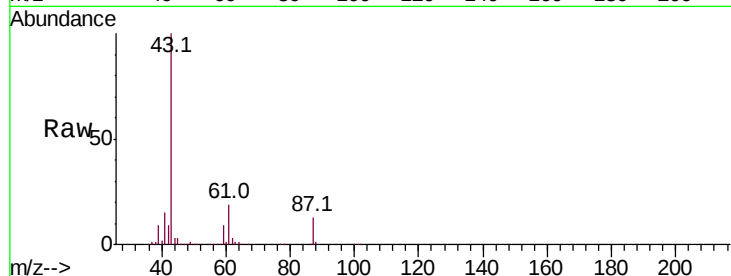
Tot Ion: 43 Resp: 407771

Ion Ratio Lower Upper

43 100

61 25.4 14.2 21.2#

87 12.1 9.0 13.6

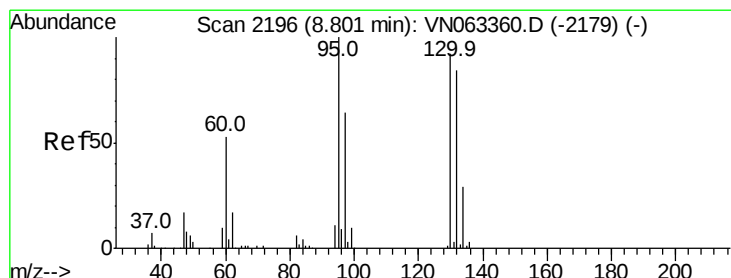
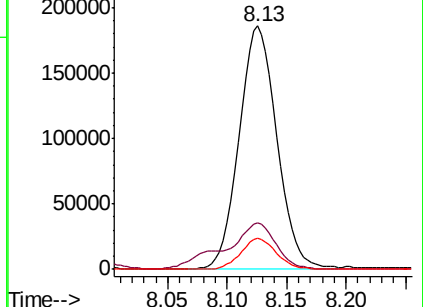
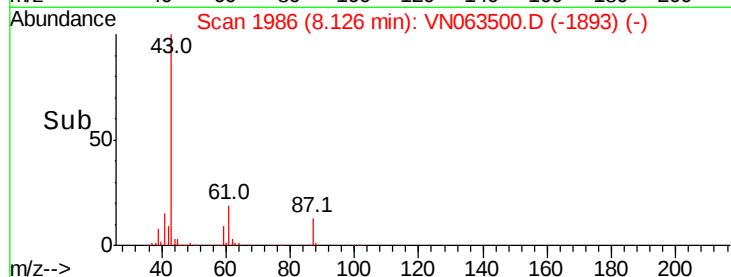


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 47.559 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063500.D

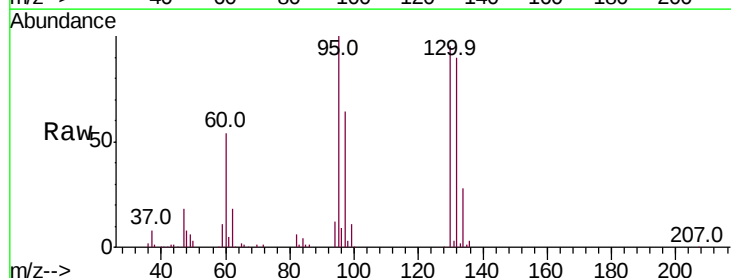
Acq: 21 Sep 2020 20:54

Tgt Ion:130 Resp: 177498

Ion Ratio Lower Upper

130 100

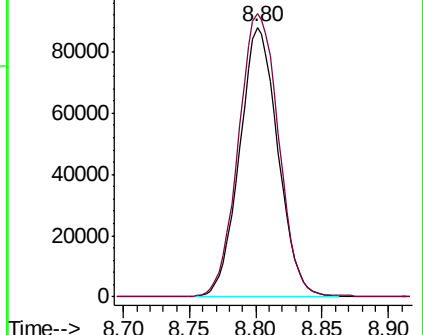
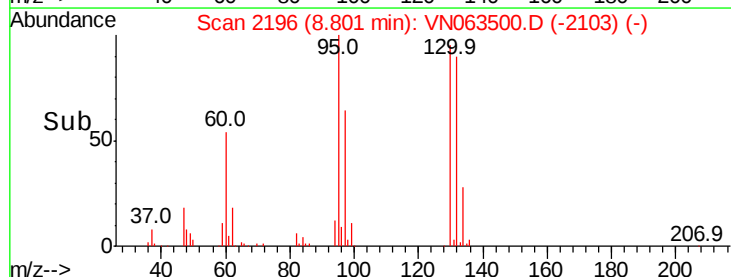
95 105.0 0.0 217.4

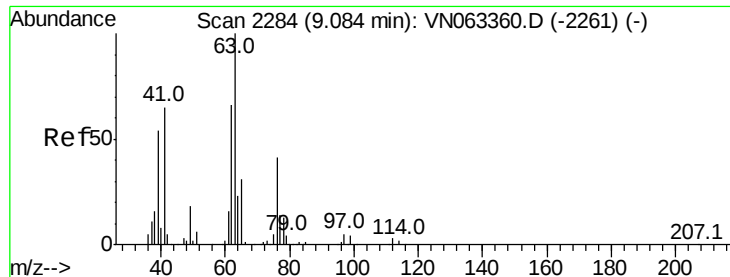


Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

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

Time-->





#45

1,2-Dichloropropane

Concen: 47.193 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

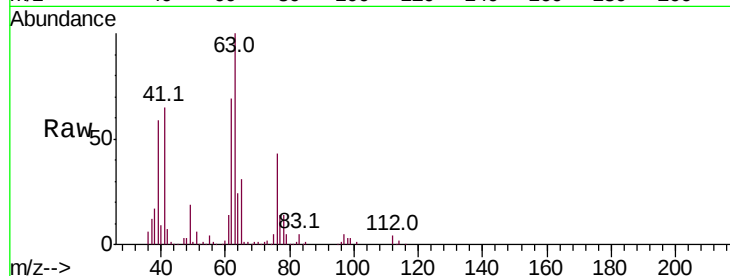
VSTDCCC050EC

Tot Ion: 63 Resp: 197780

Ion Ratio Lower Upper

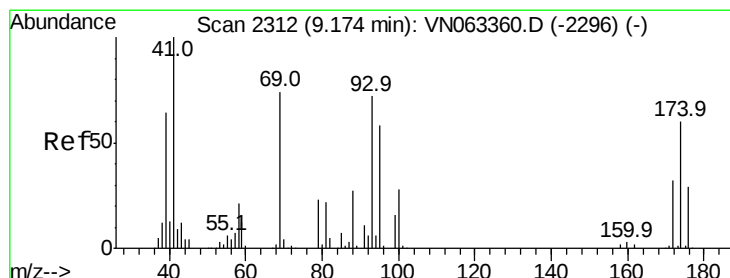
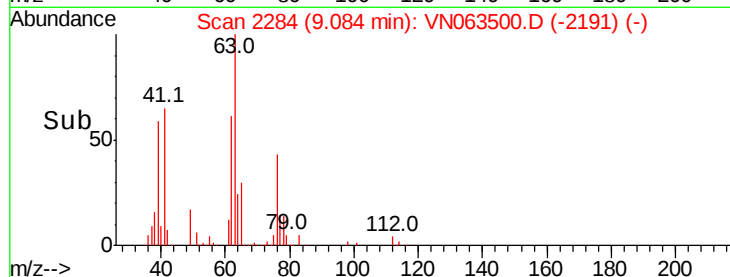
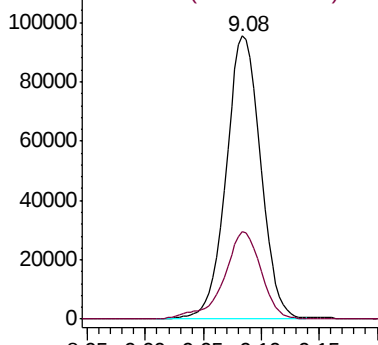
63 100

65 30.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 47.674 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

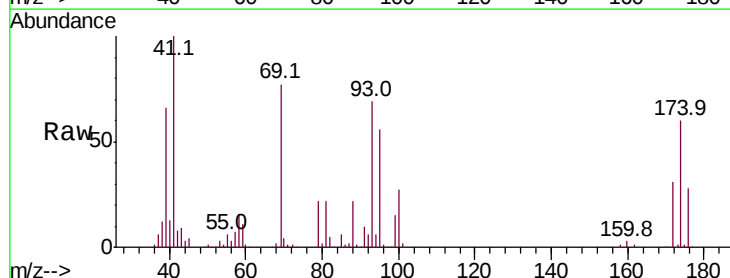
Tgt Ion: 93 Resp: 131319

Ion Ratio Lower Upper

93 100

95 83.6 65.6 98.4

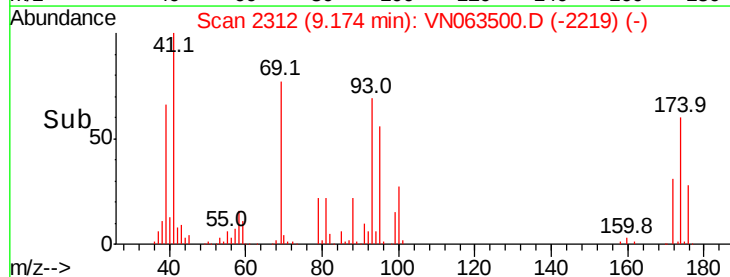
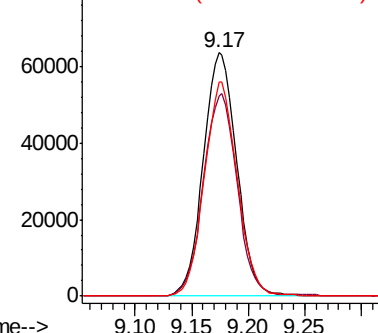
174 86.5 68.1 102.1

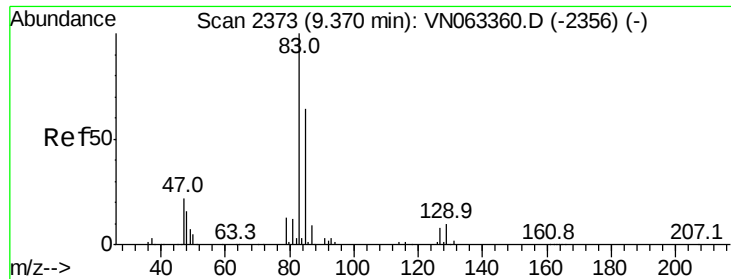


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

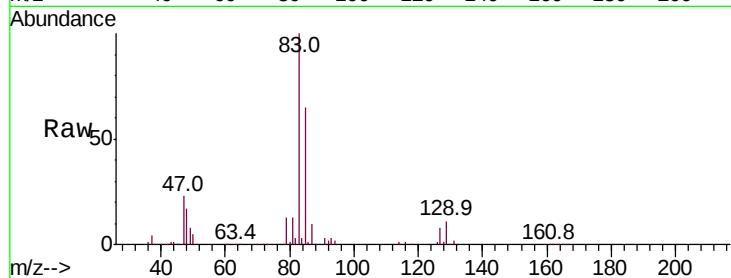




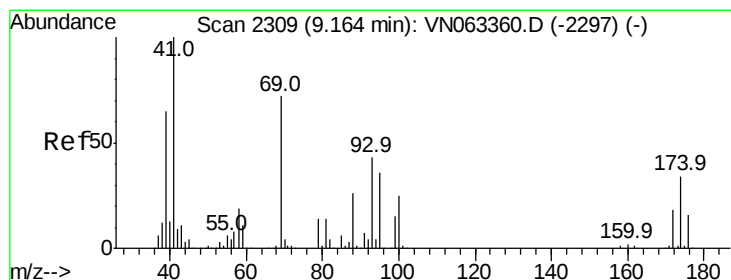
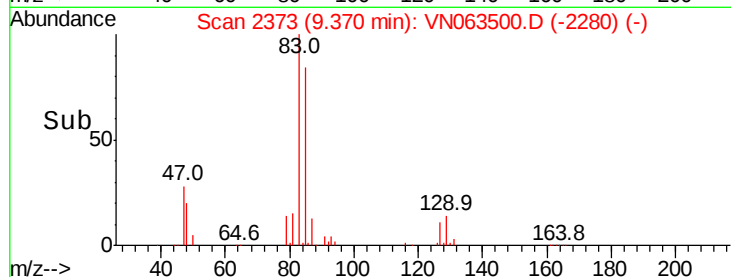
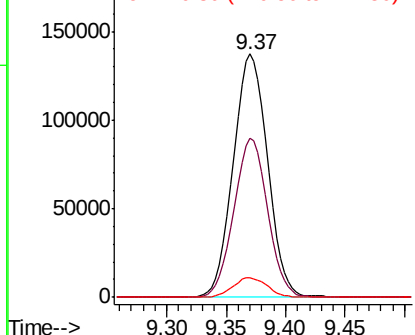
#47
Bromodichloromethane
Concen: 48.077 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 275117
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.6
127 8.2 6.3 9.5

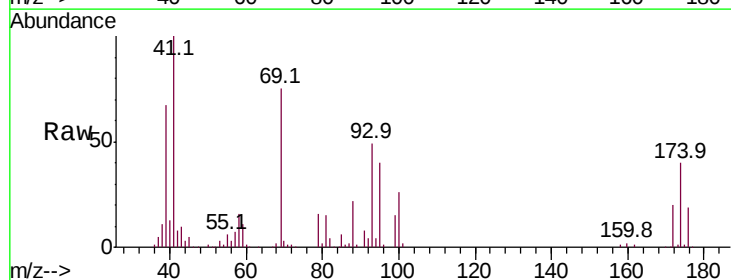


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

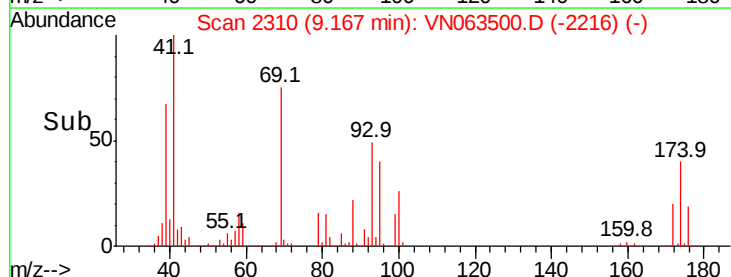
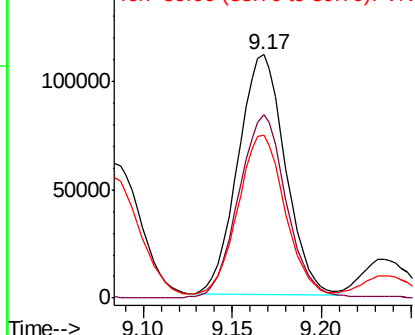


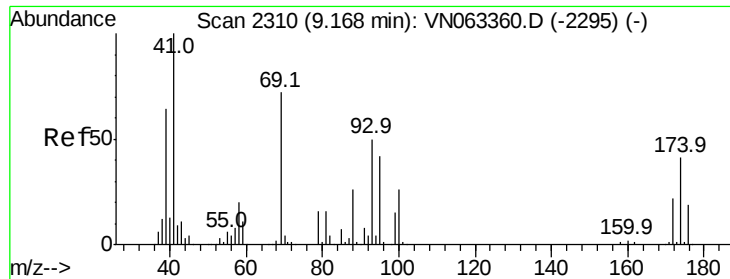
#48
Methyl methacrylate
Concen: 44.106 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 41 Resp: 204990
Ion Ratio Lower Upper
41 100
69 77.4 59.3 88.9
39 68.8 52.9 79.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 802.810 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

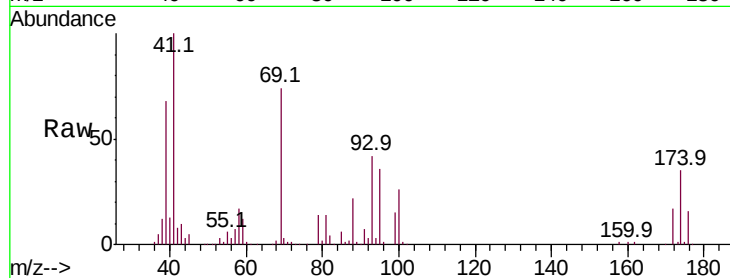
Tot Ion: 88 Resp: 53545

Ion Ratio Lower Upper

88 100

43 38.5 32.6 49.0

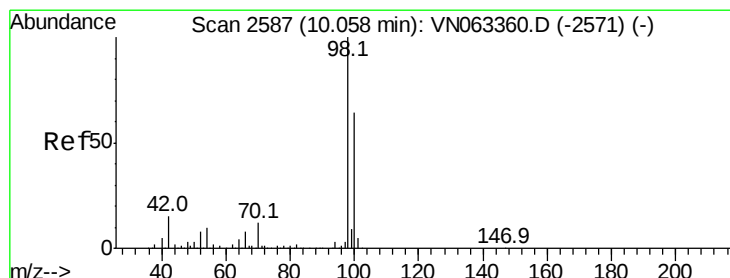
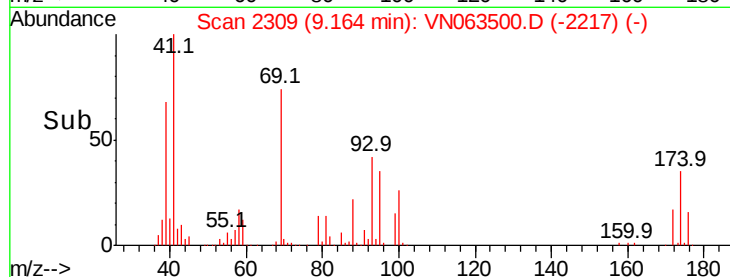
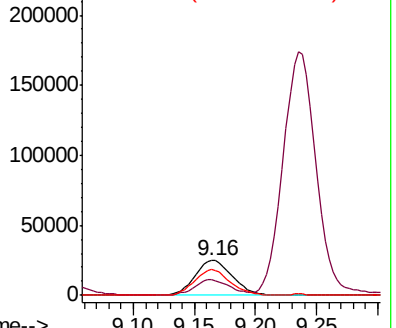
58 70.8 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



#50

Toluene-d8

Concen: 47.178 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063500.D

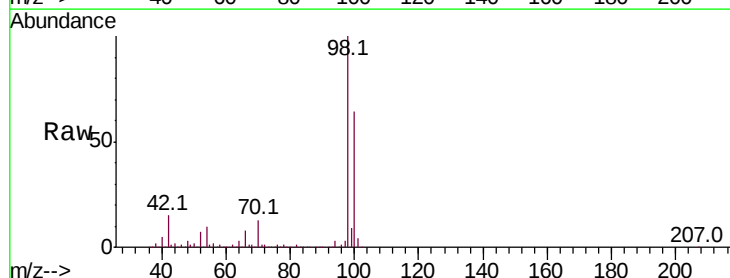
Acq: 21 Sep 2020 20:54

Tgt Ion: 98 Resp: 621369

Ion Ratio Lower Upper

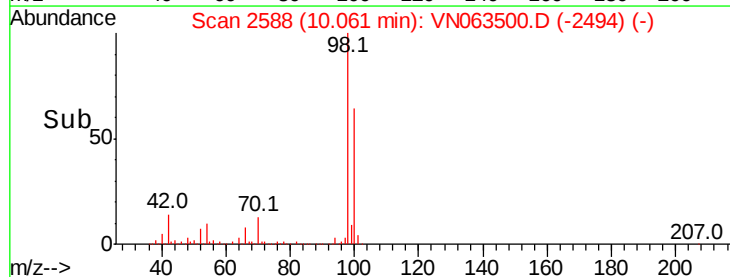
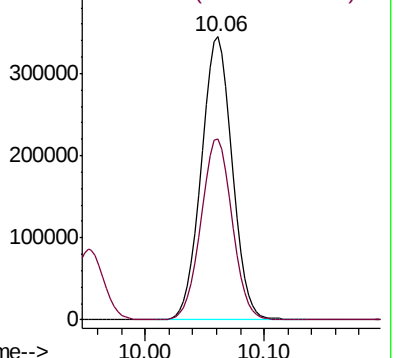
98 100

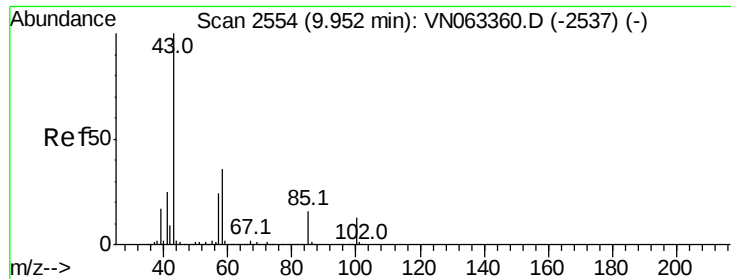
100 64.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 224.373 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

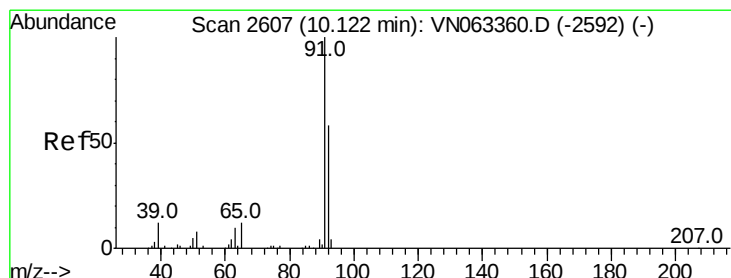
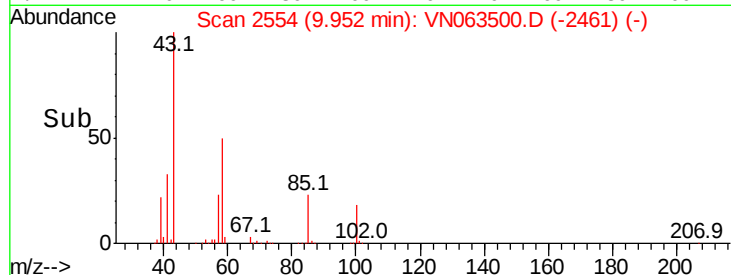
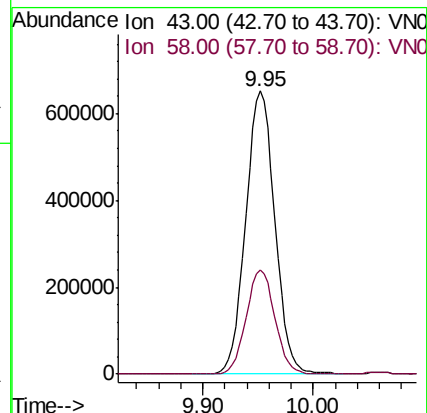
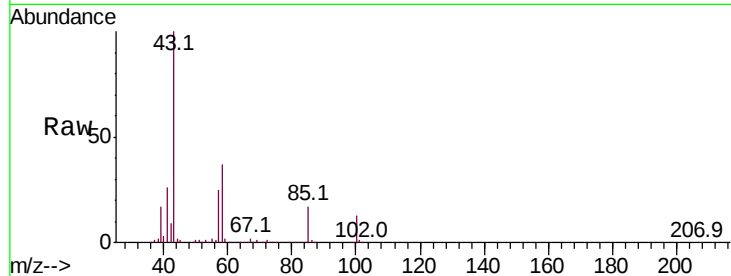
VSTDCCC050EC

Tot Ion: 43 Resp: 1188265

Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6



#52

Toluene

Concen: 49.125 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063500.D

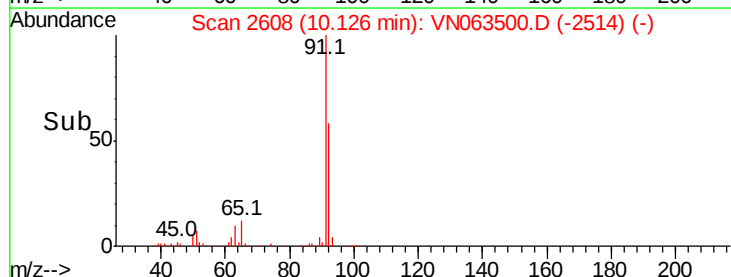
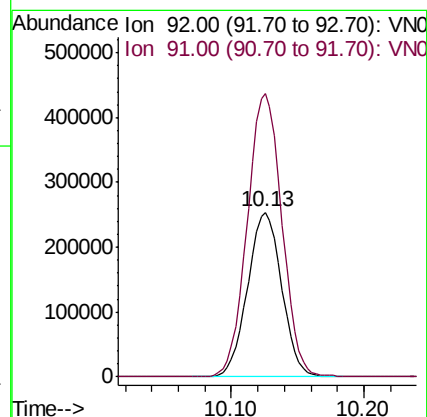
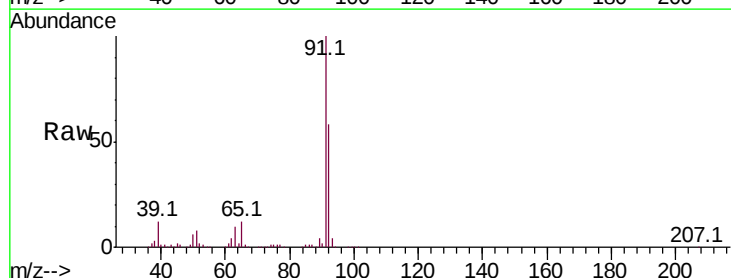
Acq: 21 Sep 2020 20:54

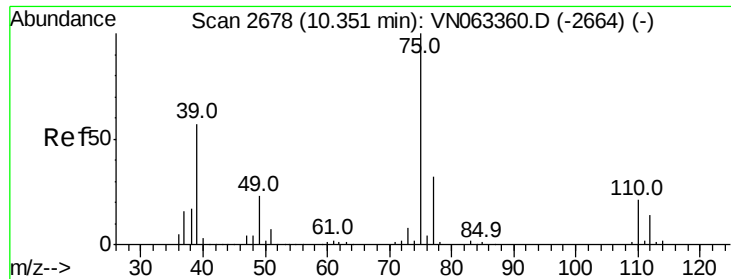
Tgt Ion: 92 Resp: 454484

Ion Ratio Lower Upper

92 100

91 174.8 139.7 209.5

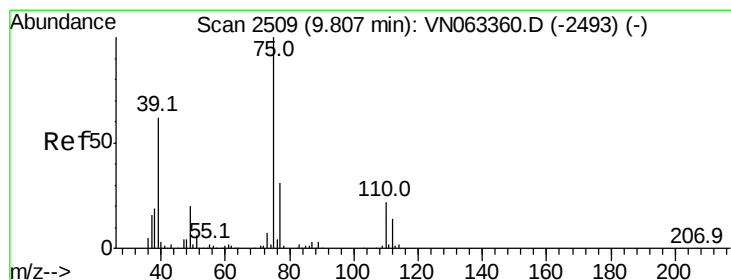
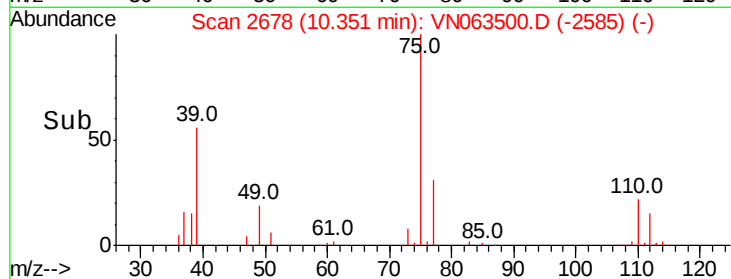
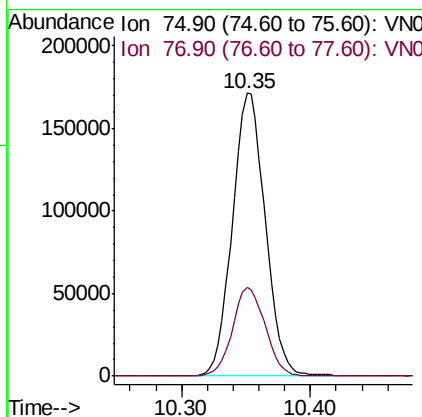
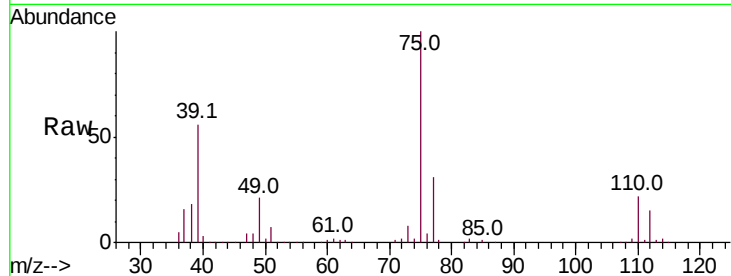




#53
 t-1,3-Dichloropropene
 Concen: 47.557 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

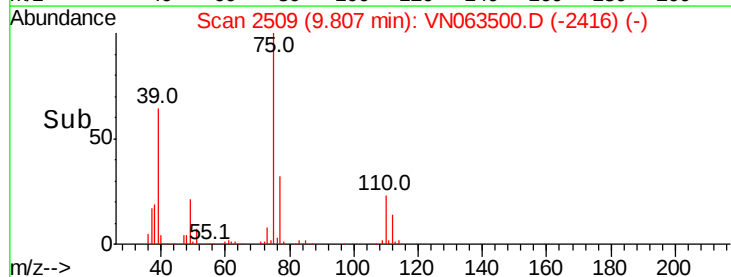
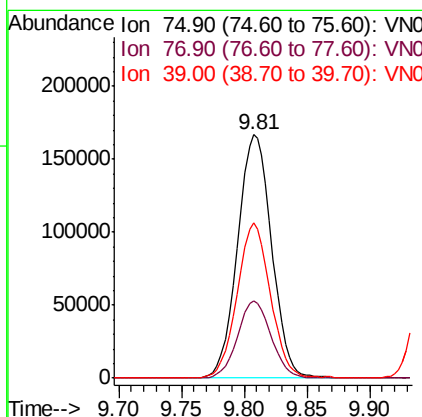
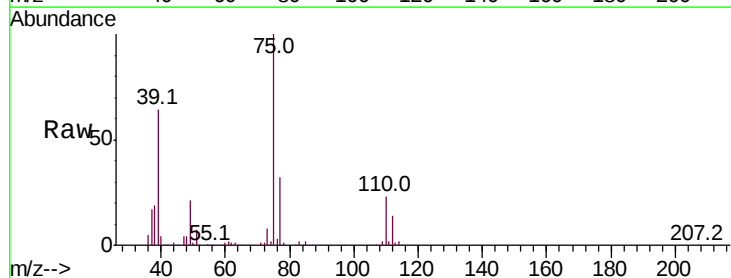
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

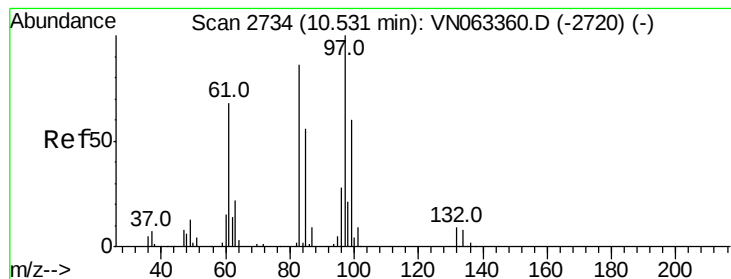
Tot Ion: 75 Resp: 303813
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.736 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion: 75 Resp: 314929
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 37.0
 39 63.7 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 49.268 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 181048

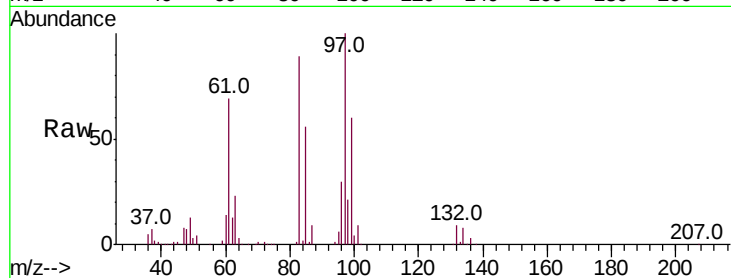
Ion Ratio Lower Upper

97 100

83 89.2 68.9 103.3

85 55.9 44.8 67.2

99 60.2 47.8 71.8

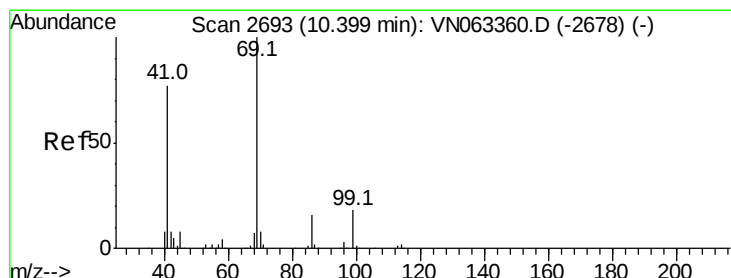
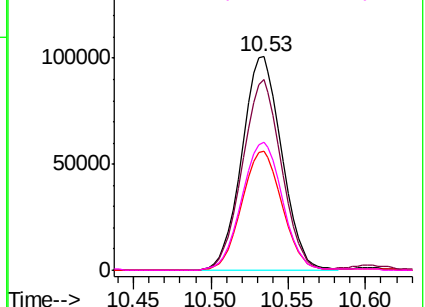
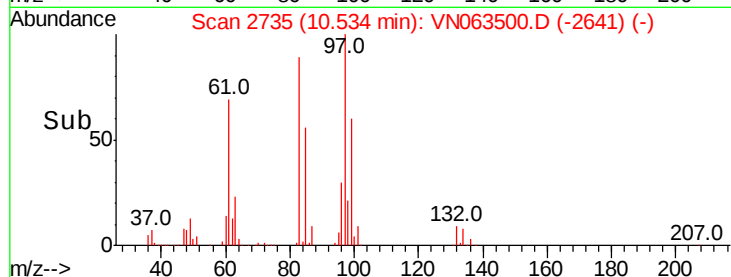


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.234 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

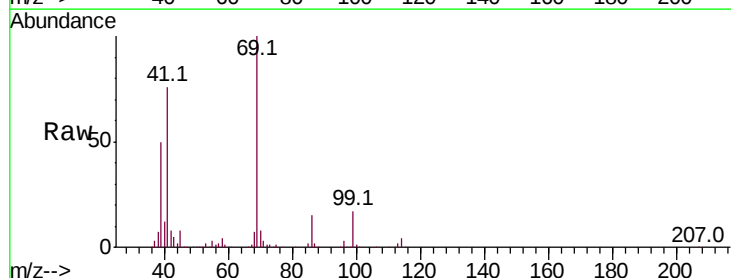
Tgt Ion: 69 Resp: 270968

Ion Ratio Lower Upper

69 100

41 74.5 61.0 91.6

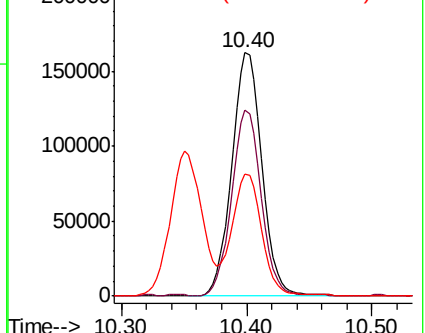
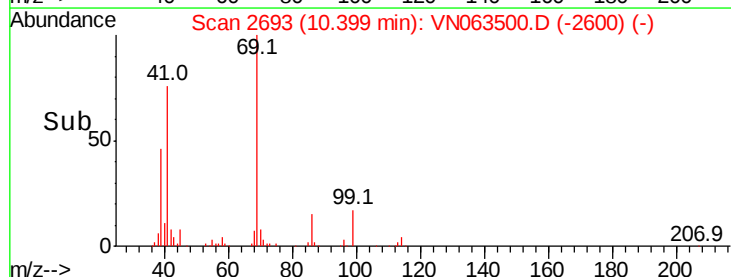
39 48.9 39.2 58.8



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 46.001 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

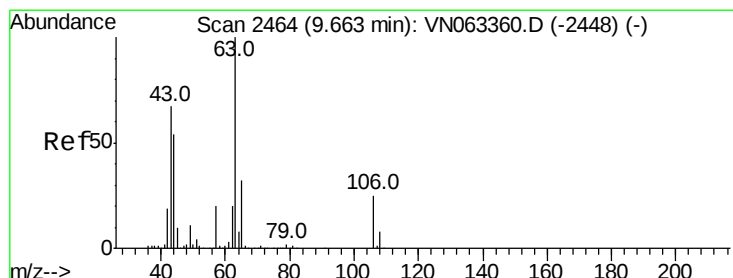
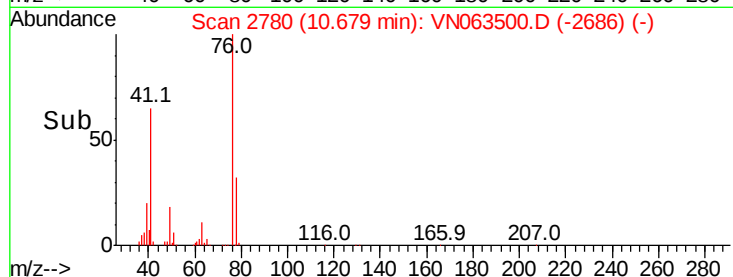
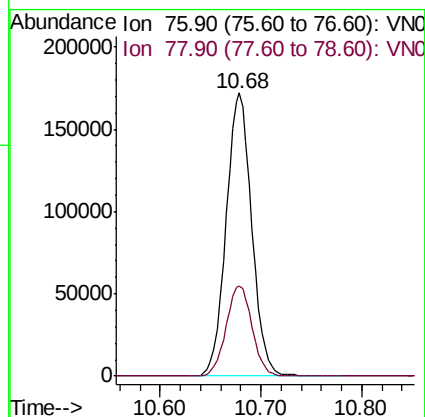
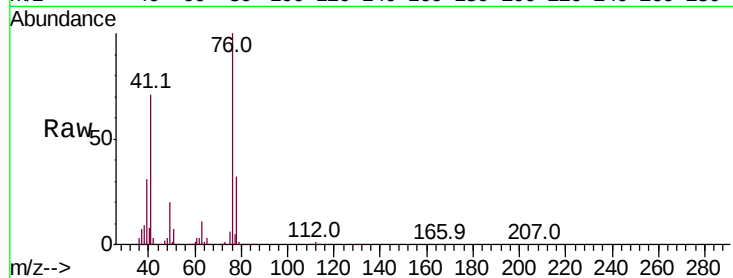
VSTDCCC050EC

Tot Ion: 76 Resp: 304841

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 230.118 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063500.D

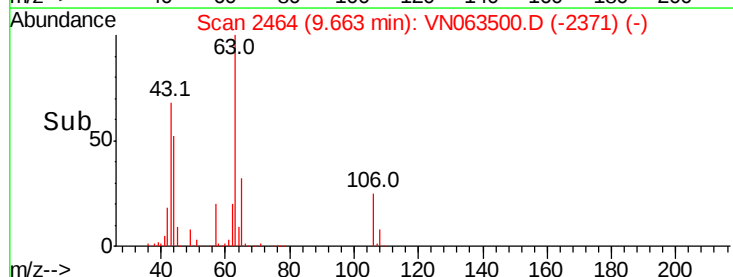
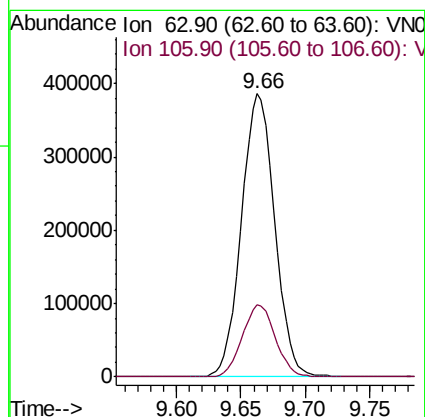
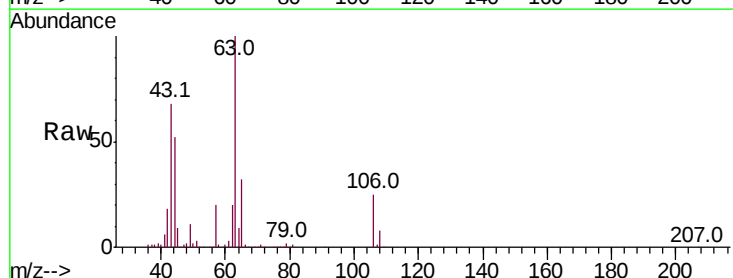
Acq: 21 Sep 2020 20:54

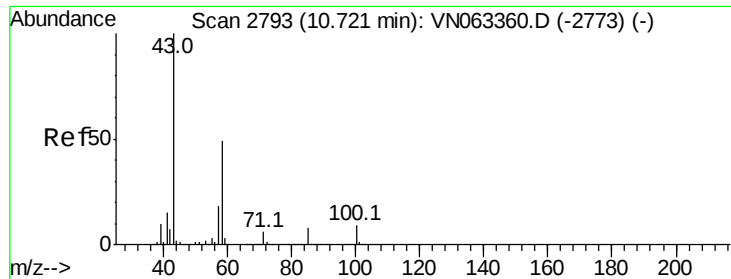
Tgt Ion: 63 Resp: 692509

Ion Ratio Lower Upper

63 100

106 25.5 19.5 29.3

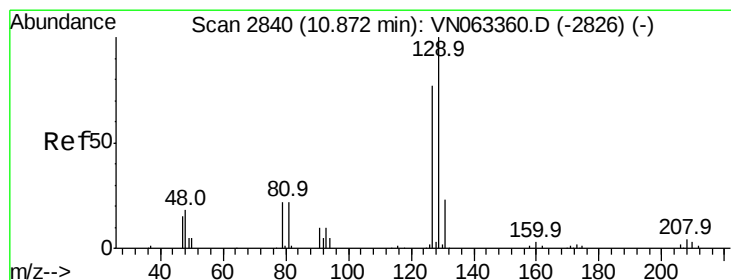
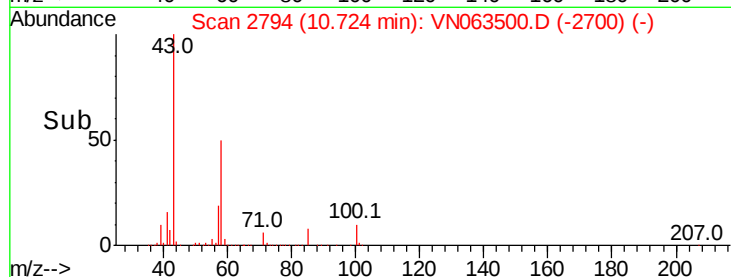
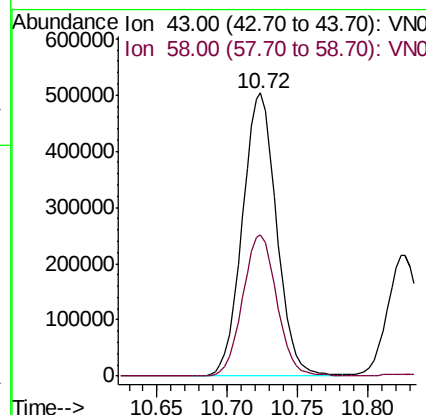
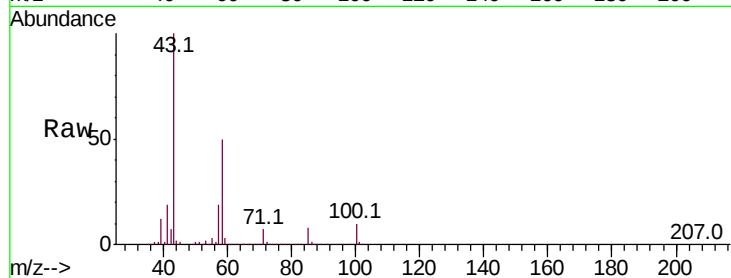




#59
2-Hexanone
Concen: 222.292 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

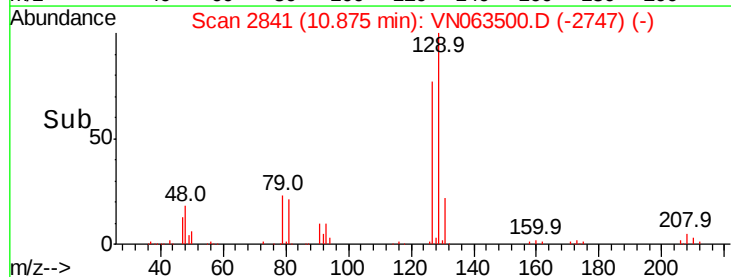
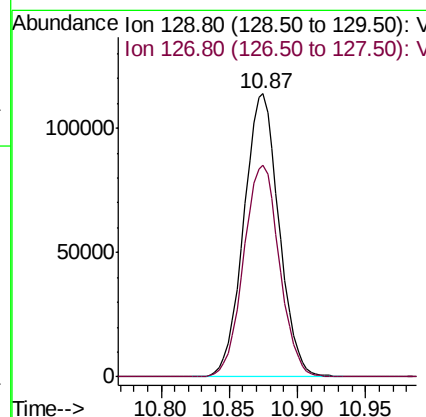
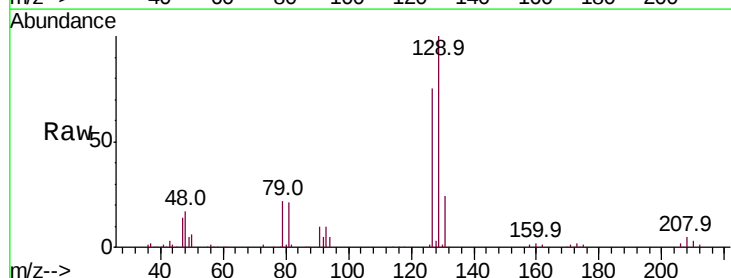
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

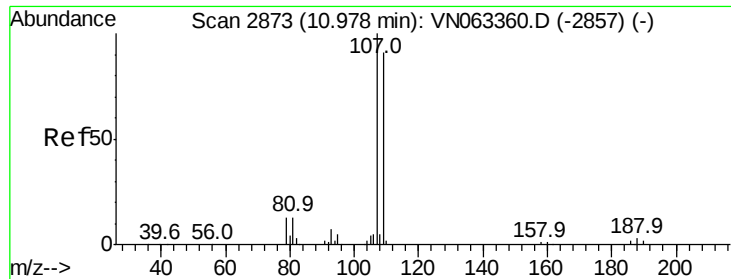
Tot Ion: 43 Resp: 852883
Ion Ratio Lower Upper
43 100
58 50.2 24.7 74.1



#60
Dibromochloromethane
Concen: 49.078 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 129 Resp: 203747
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 48.975 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

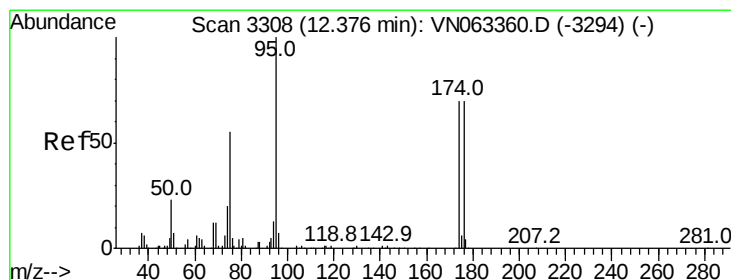
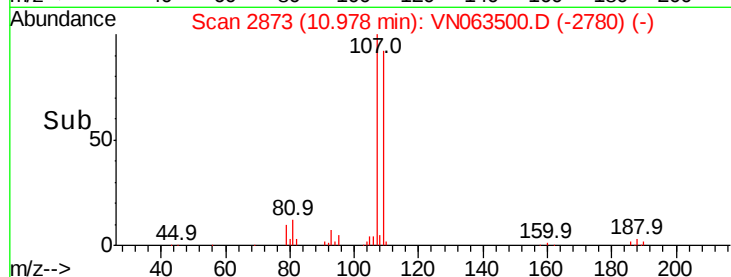
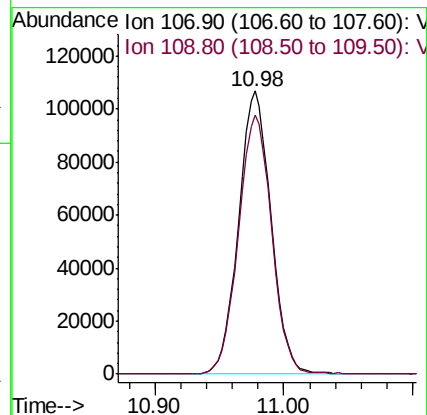
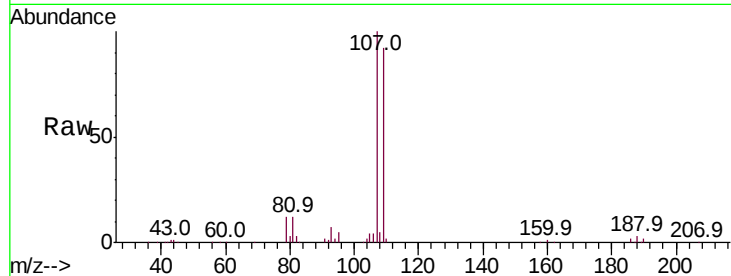
VSTDCCC050EC

Tot Ion:107 Resp: 186975

Ion Ratio Lower Upper

107 100

109 93.4 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 49.716 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

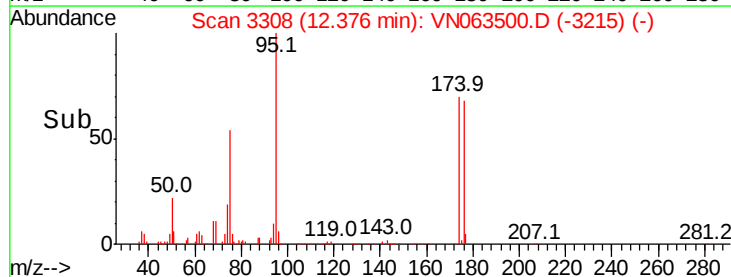
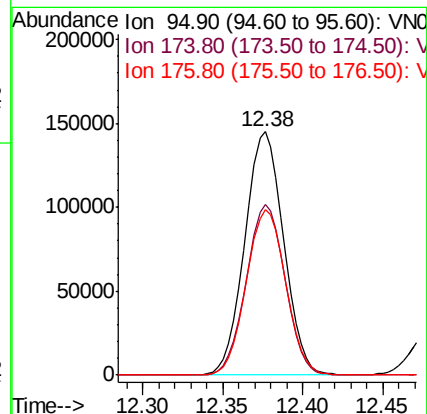
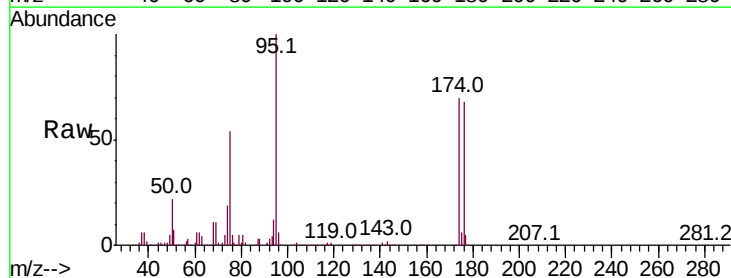
Tgt Ion: 95 Resp: 240037

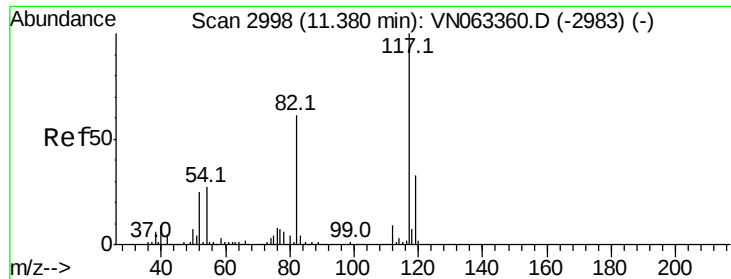
Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.8

176 69.0 0.0 137.6

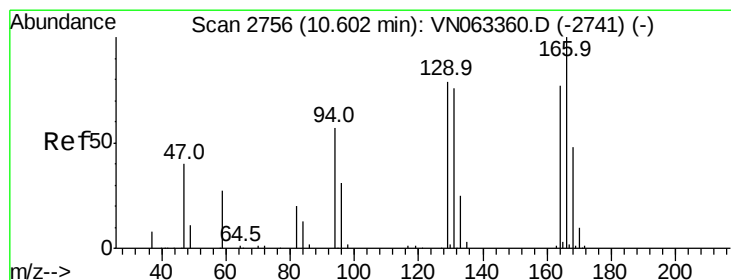
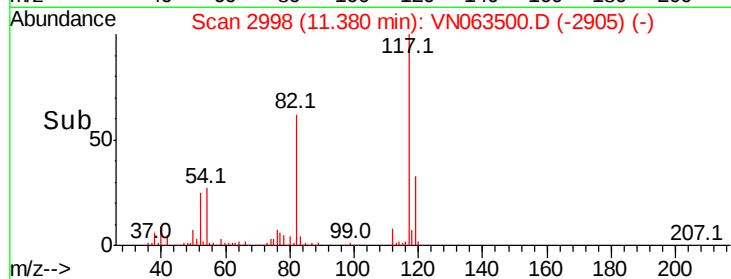
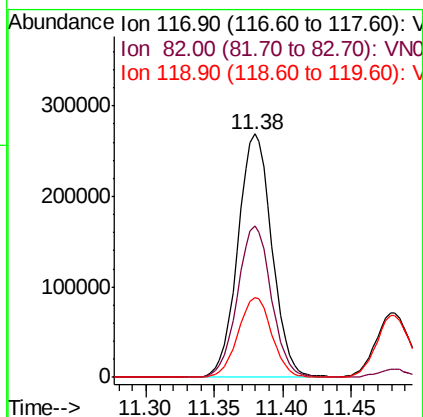
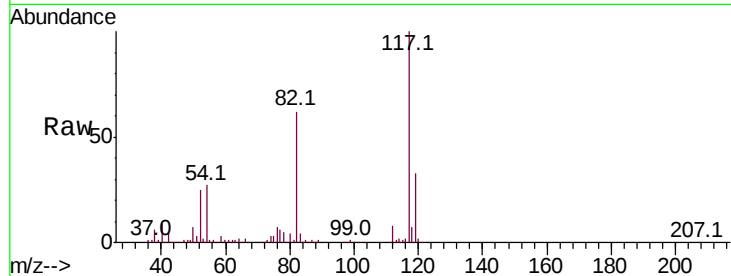




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

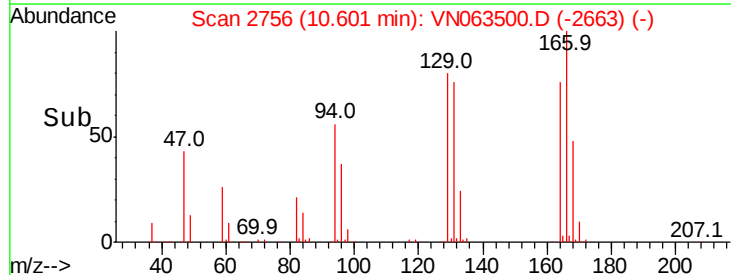
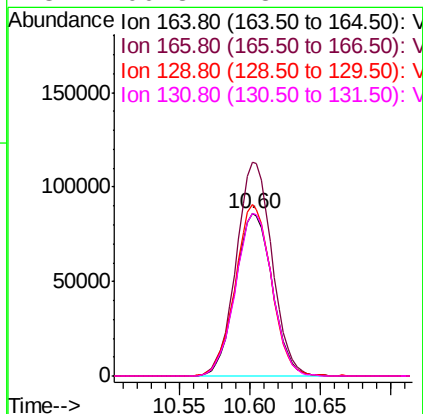
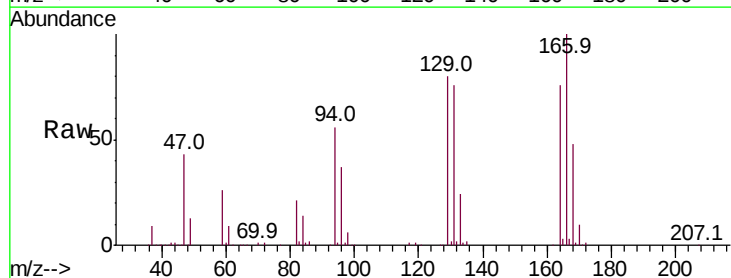
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

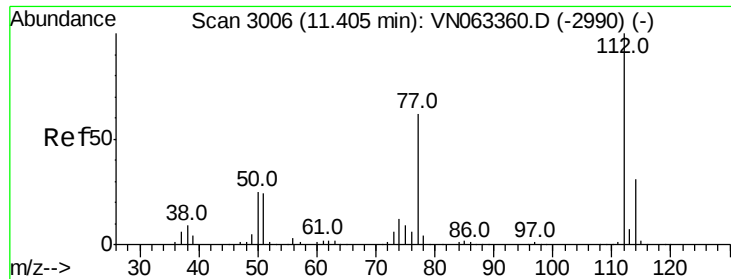
Tot Ion:117 Resp: 465685
Ion Ratio Lower Upper
117 100
82 62.1 49.2 73.8
119 33.0 26.2 39.4



#64
Tetrachloroethene
Concen: 49.675 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion:164 Resp: 157518
Ion Ratio Lower Upper
164 100
166 131.9 103.4 155.0
129 105.6 81.8 122.6
131 100.3 78.2 117.4

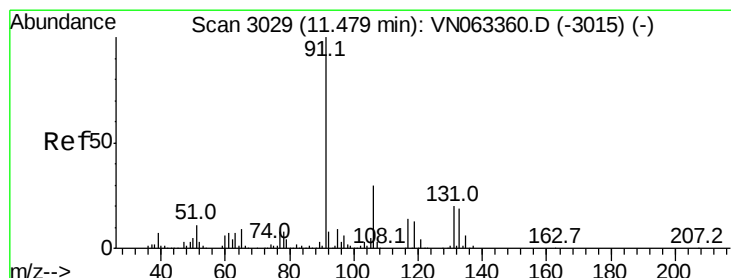
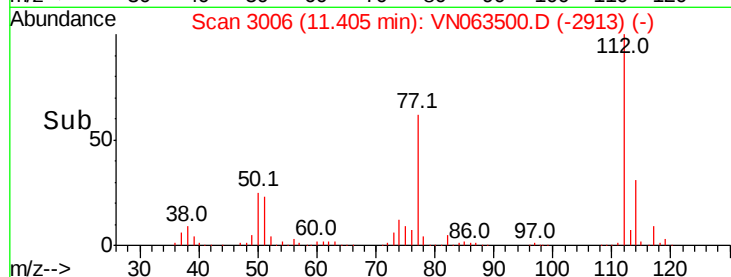
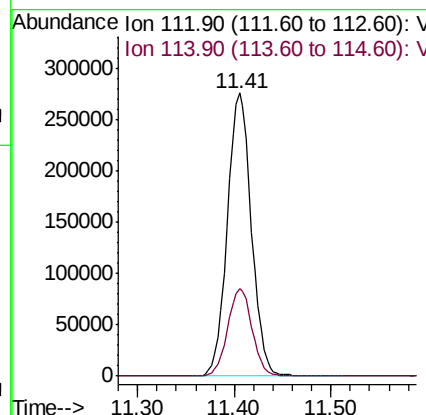
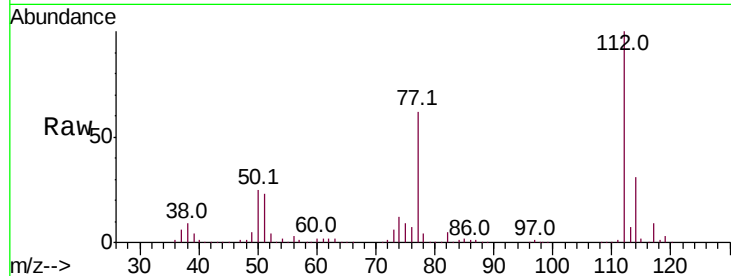




#65
Chlorobenzene
Concen: 48.137 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

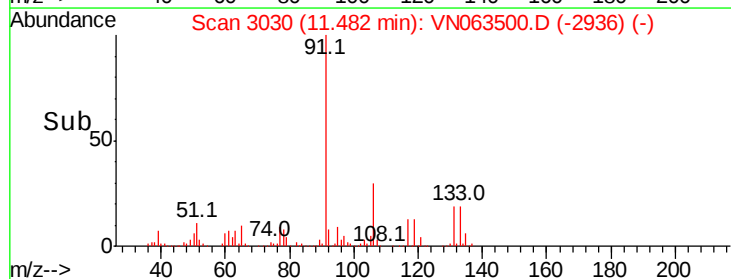
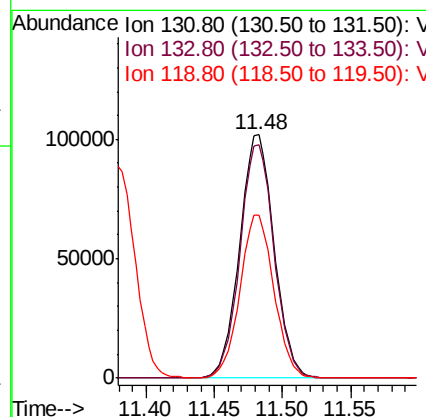
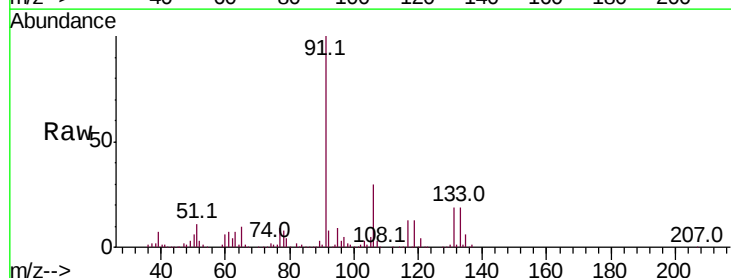
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

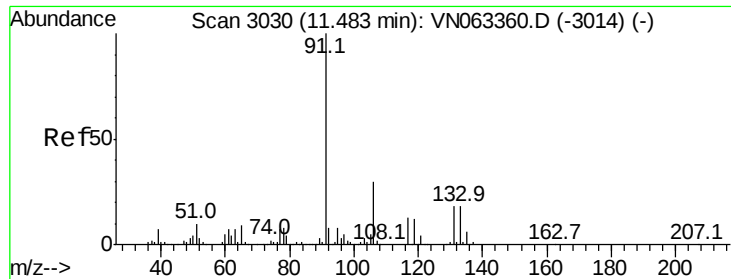
Tot Ion:112 Resp: 475849
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.351 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion:131 Resp: 178826
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 66.0 33.6 100.8

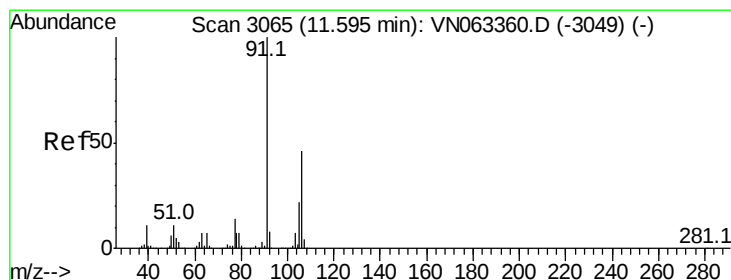
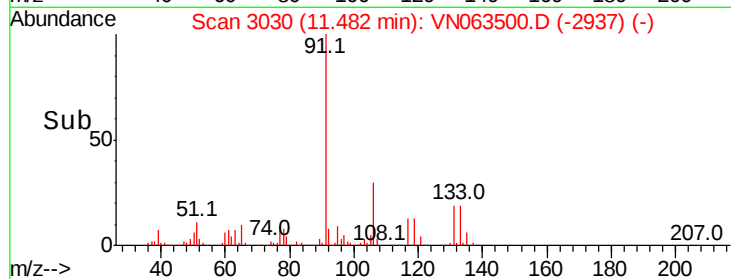
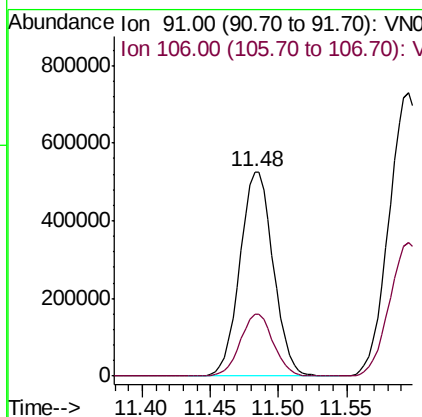
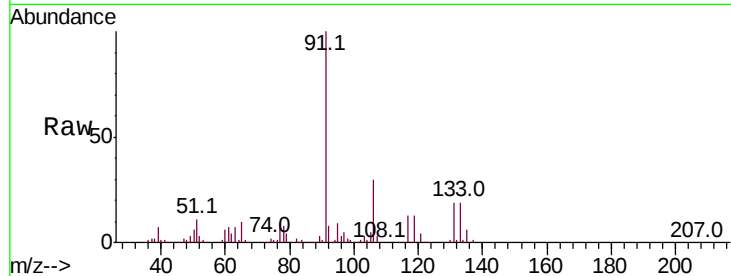




#67
Ethyl Benzene
Concen: 48.039 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

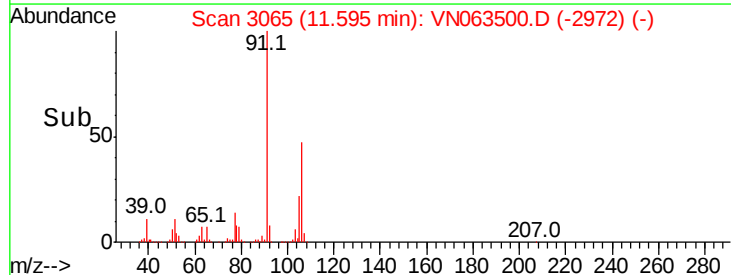
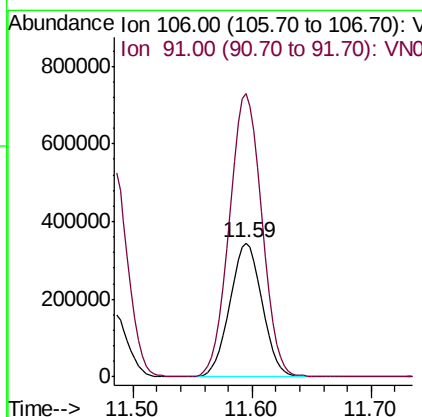
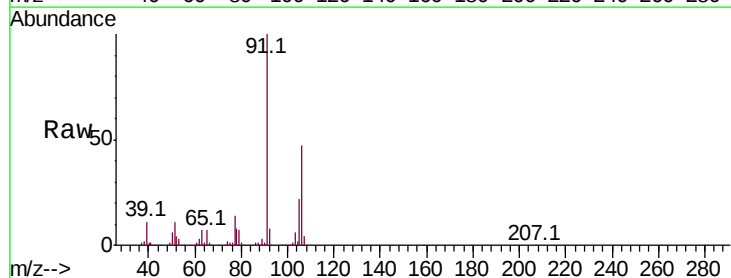
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

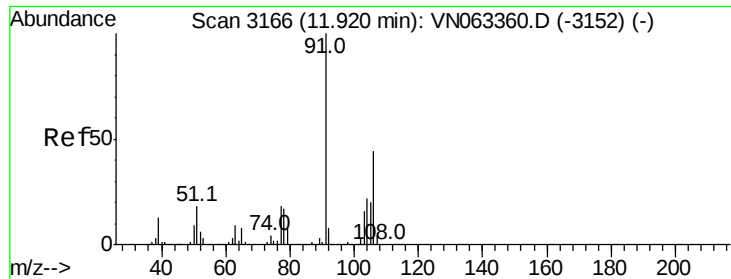
Tot Ion: 91 Resp: 894276
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 96.371 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 106 Resp: 646834
Ion Ratio Lower Upper
106 100
91 213.8 171.2 256.8

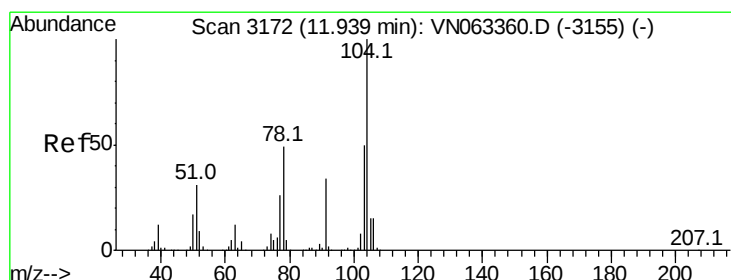
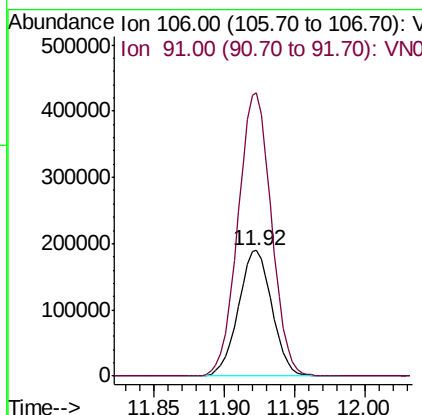
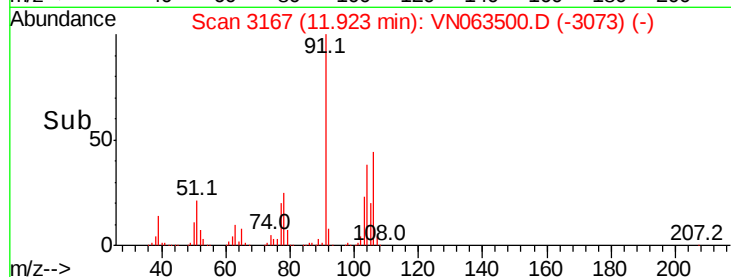
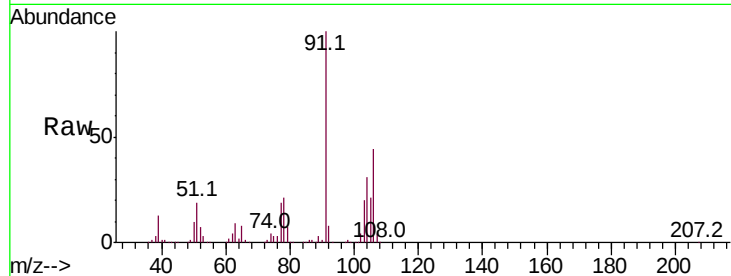




#69
o-Xylene
Concen: 49.473 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

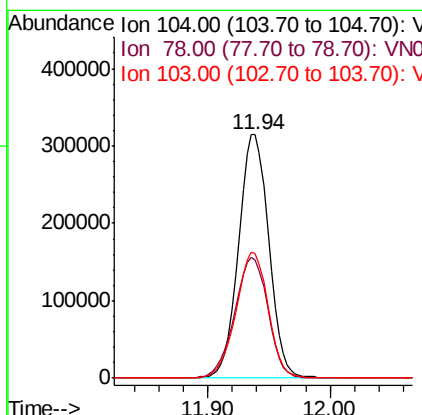
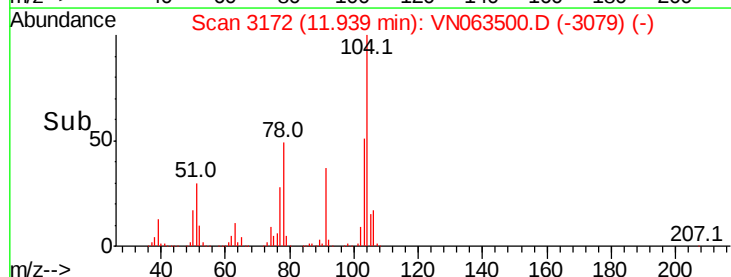
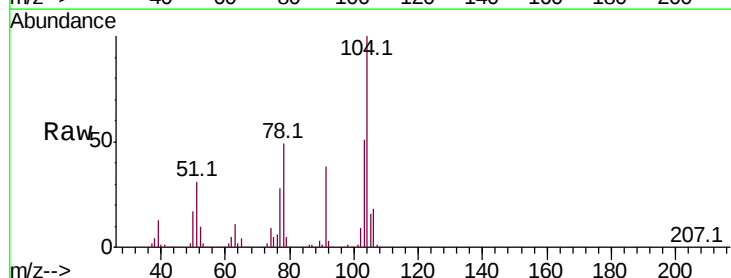
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

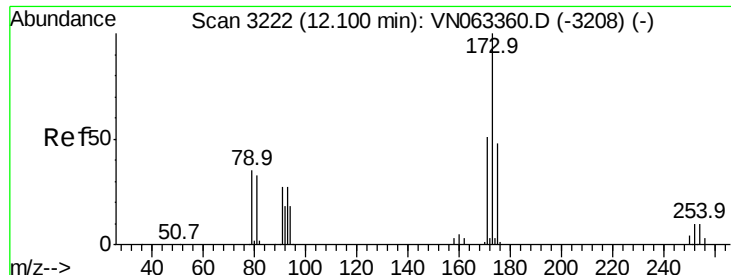
Tot Ion:106 Resp: 316321
Ion Ratio Lower Upper
106 100
91 224.6 113.6 340.8



#70
Styrene
Concen: 50.185 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion:104 Resp: 538094
Ion Ratio Lower Upper
104 100
78 54.9 44.4 66.6
103 55.2 43.7 65.5





#71

Bromoform

Concen: 49.149 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

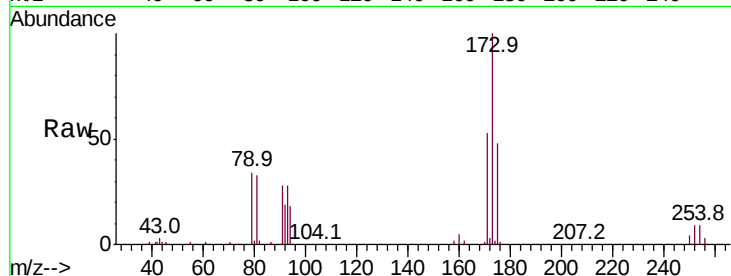
Tot Ion:173 Resp: 132675

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

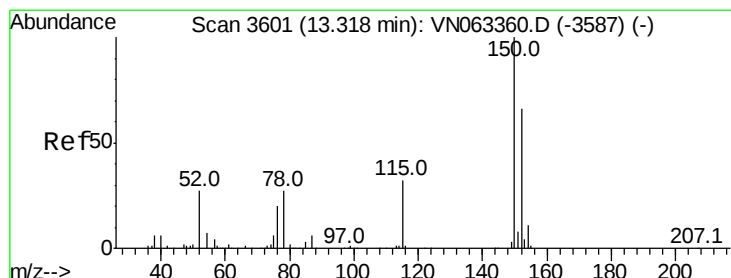
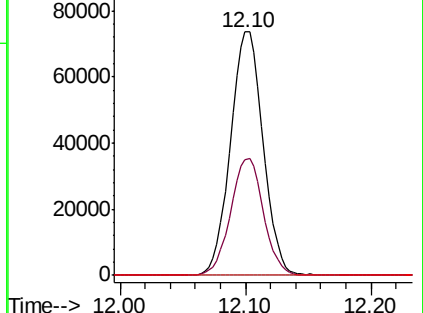
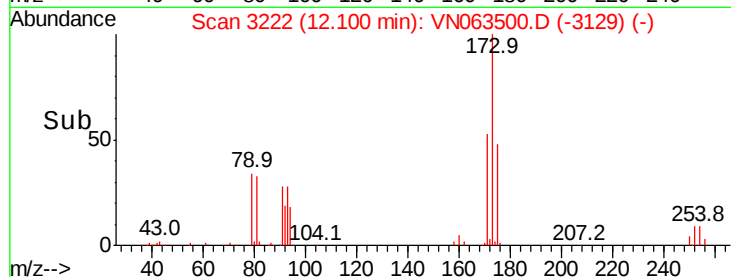
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

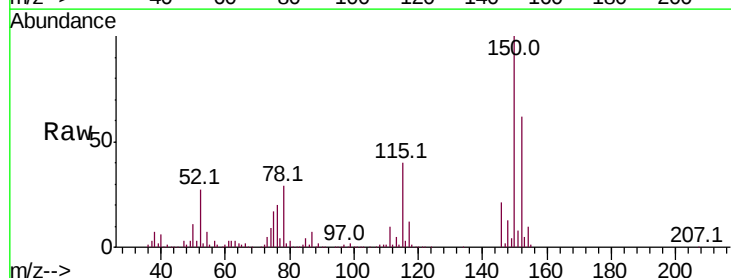
Tgt Ion:152 Resp: 219606

Ion Ratio Lower Upper

152 100

115 65.7 32.2 96.6

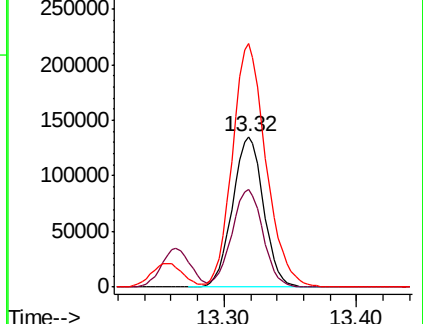
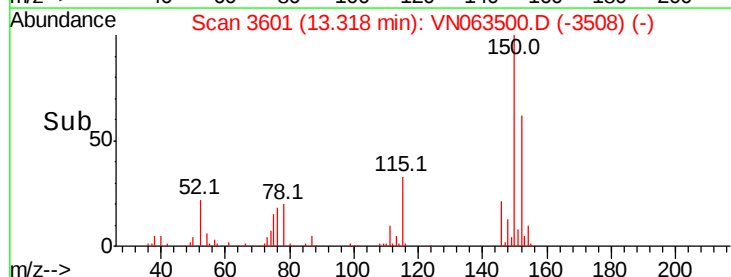
150 174.5 0.0 343.4

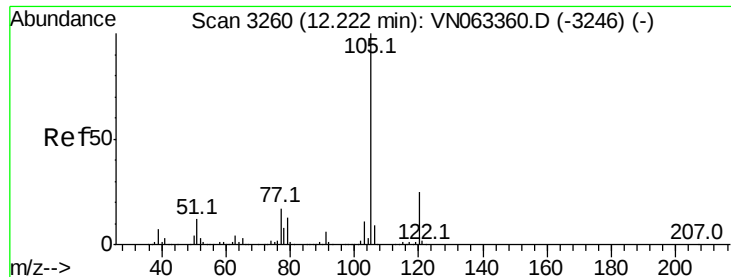


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.275 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

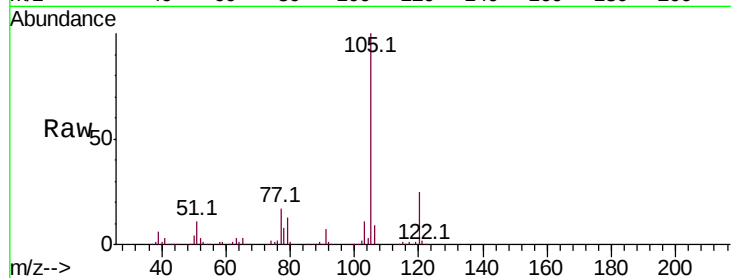
VSTDCCC050EC

Tot Ion:105 Resp: 849541

Ion Ratio Lower Upper

105 100

120 25.0 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

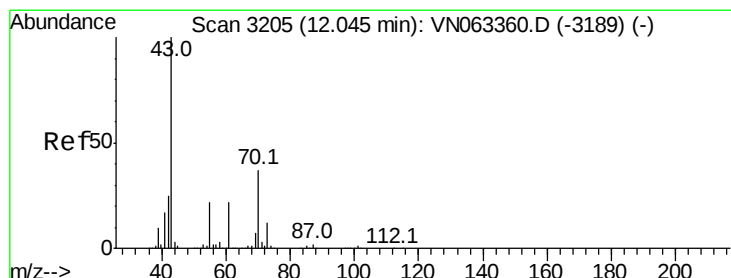
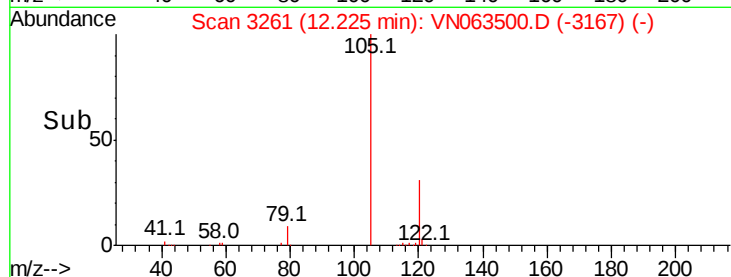
0

12.23

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 44.748 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion: 43 Resp: 372768

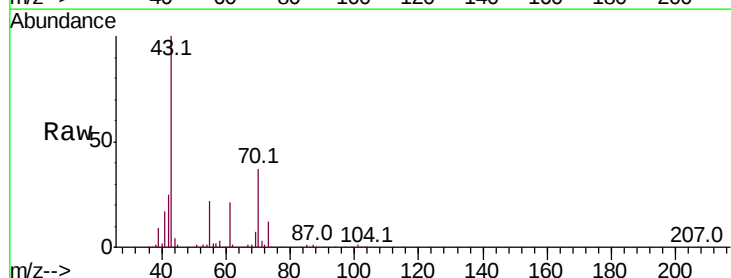
Ion Ratio Lower Upper

43 100

70 37.7 29.6 44.4

55 22.6 17.7 26.5

61 22.1 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

200000

100000

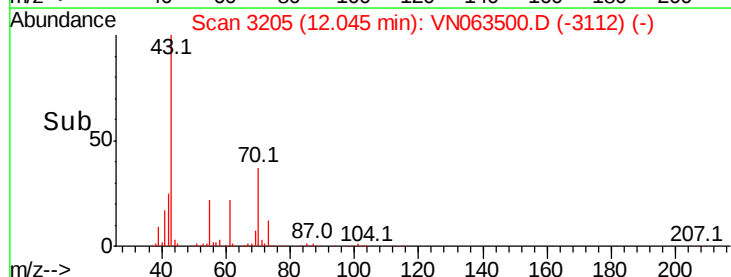
0

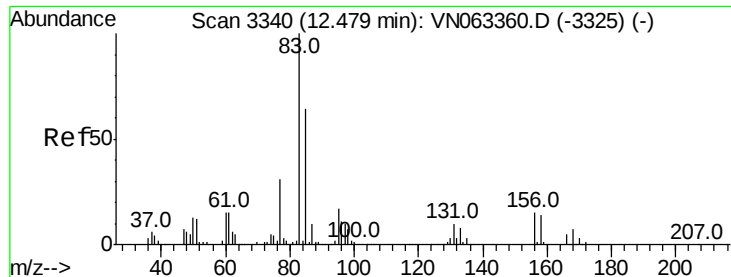
12.05

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.423 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

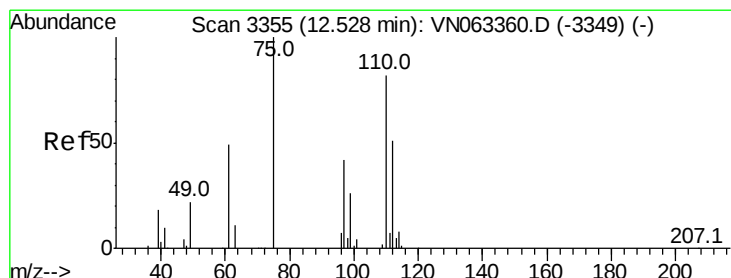
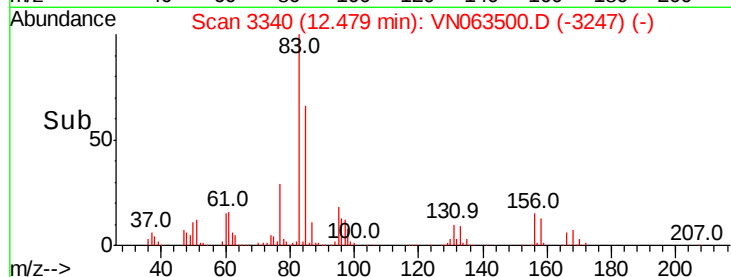
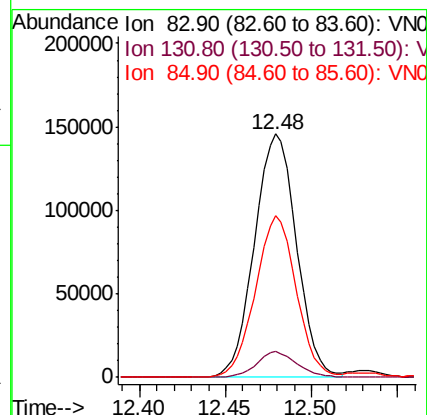
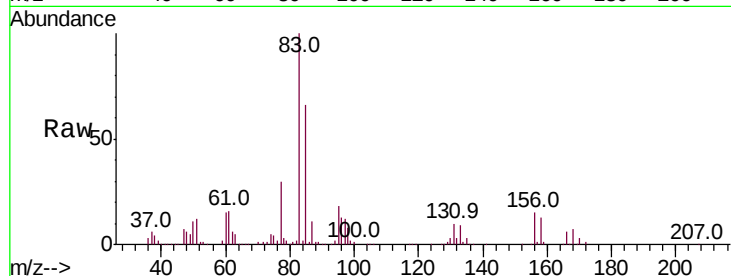
Tot Ion: 83 Resp: 247506

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 63.119 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063500.D

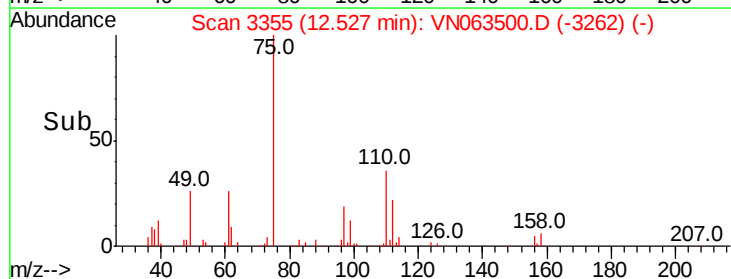
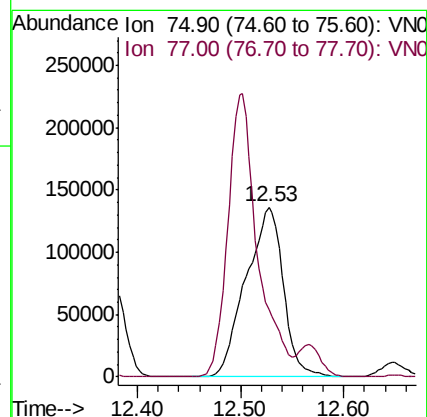
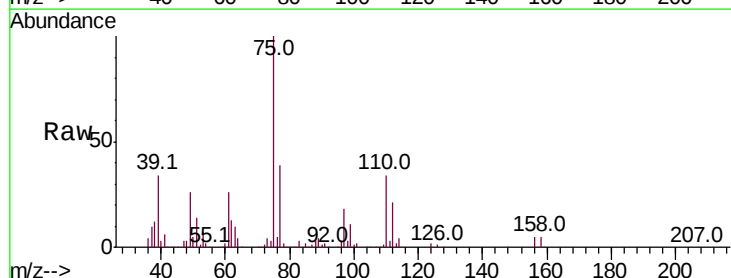
Acq: 21 Sep 2020 20:54

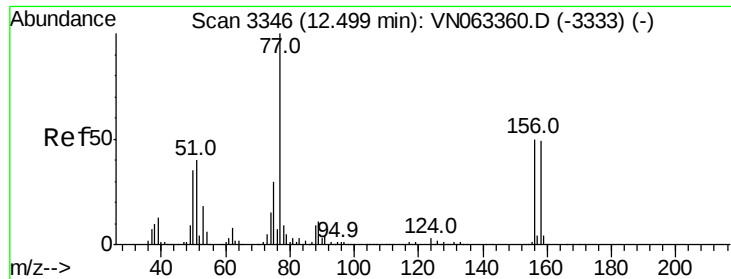
Tgt Ion: 75 Resp: 343085

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.789 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

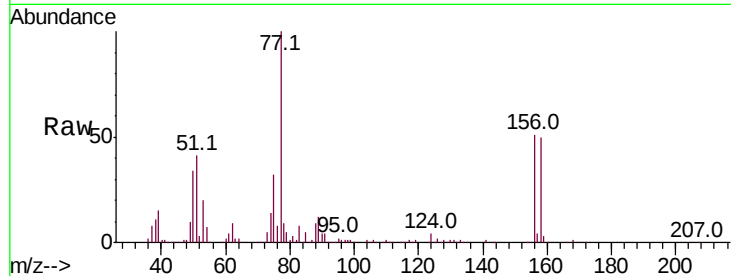
Tot Ion:156 Resp: 201051

Ion Ratio Lower Upper

156 100

77 226.5 120.2 360.6

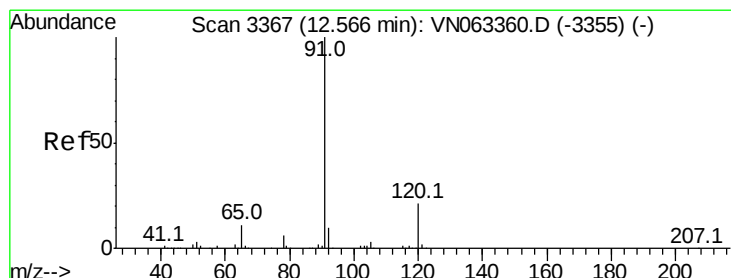
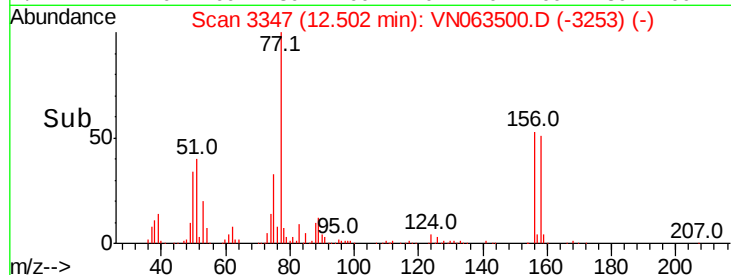
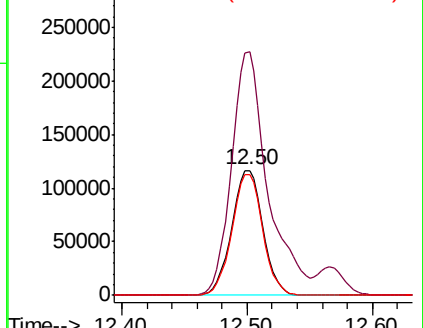
158 95.8 48.9 146.6



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: 47.768 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063500.D

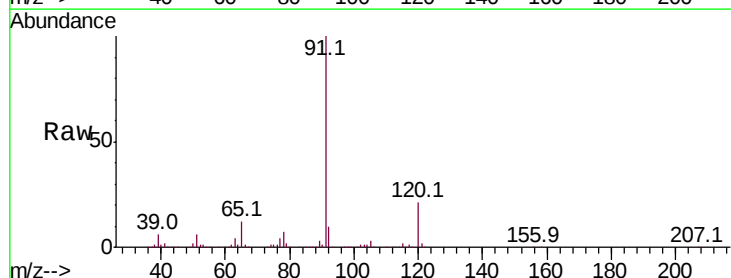
Acq: 21 Sep 2020 20:54

Tgt Ion: 91 Resp: 979094

Ion Ratio Lower Upper

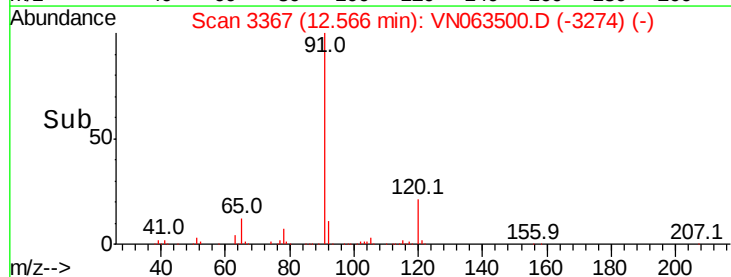
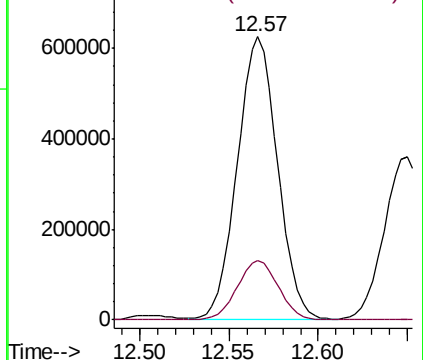
91 100

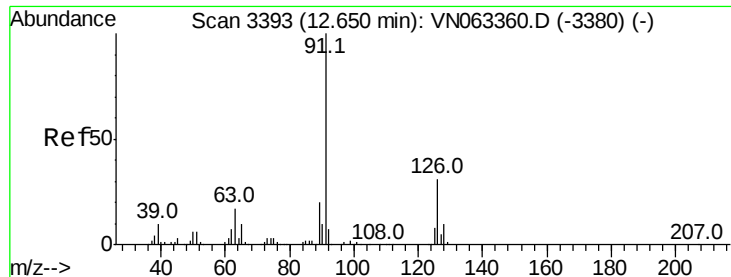
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.257 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

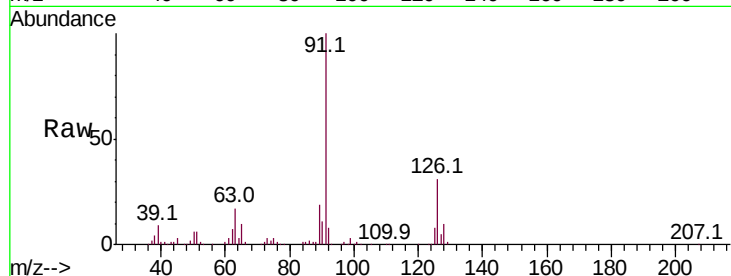
VSTDCCC050EC

Tot Ion: 91 Resp: 592922

Ion Ratio Lower Upper

91 100

126 31.7 15.8 47.3



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

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

12.65

400000

300000

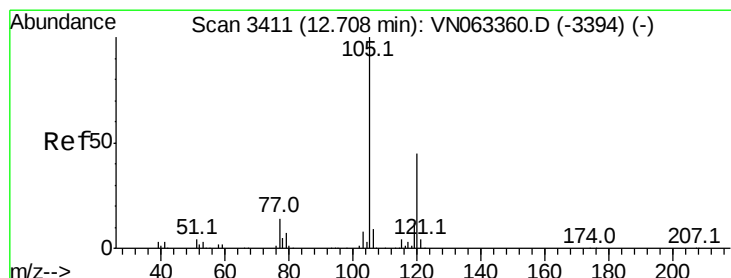
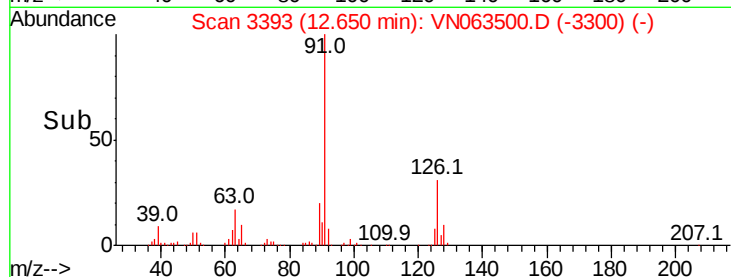
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.550 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063500.D

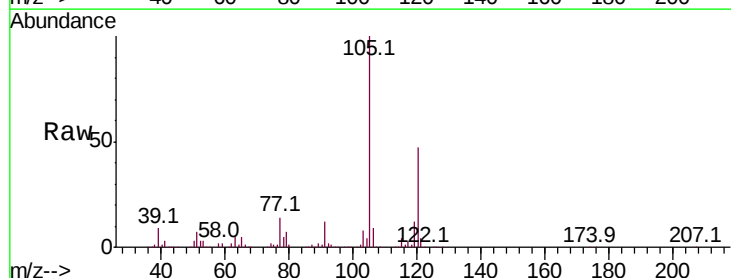
Acq: 21 Sep 2020 20:54

Tgt Ion: 105 Resp: 712440

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.8



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

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

12.71

500000

400000

300000

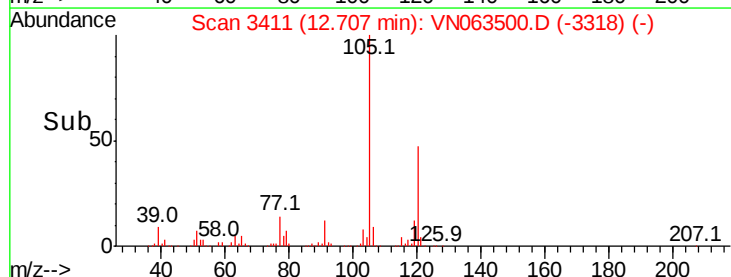
200000

100000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.816 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

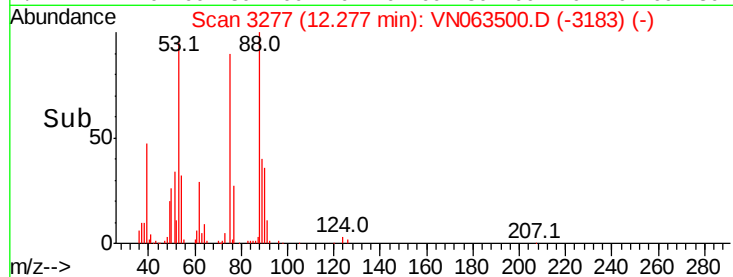
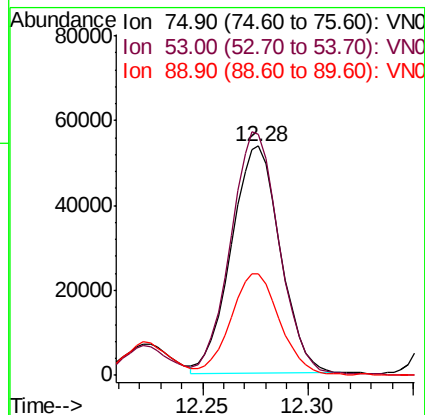
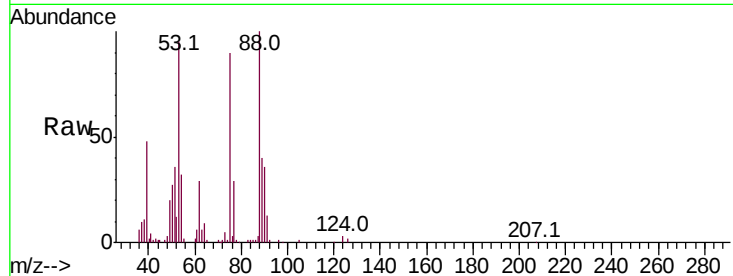
Tot Ion: 75 Resp: 86870

Ion Ratio Lower Upper

75 100

53 106.1 85.7 128.5

89 44.0 38.0 57.0



#82

4-Chlorotoluene

Concen: 48.051 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063500.D

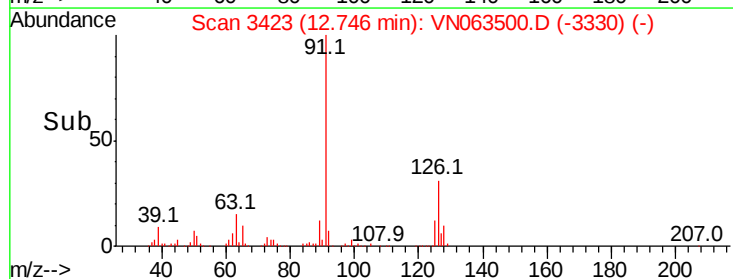
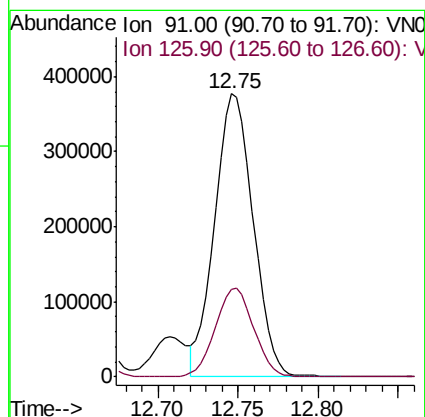
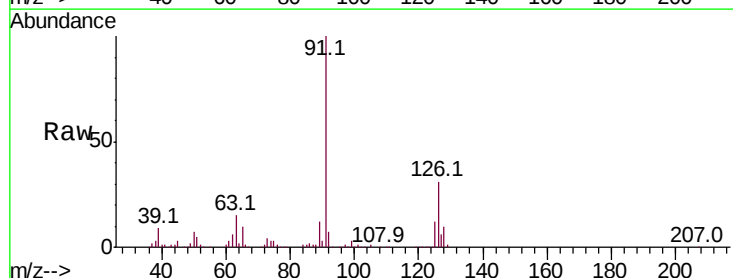
Acq: 21 Sep 2020 20:54

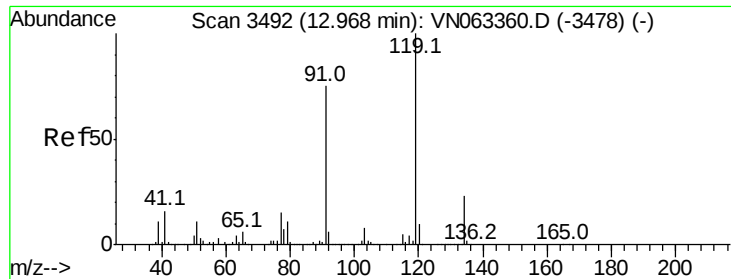
Tgt Ion: 91 Resp: 623798

Ion Ratio Lower Upper

91 100

126 31.1 15.5 46.5





#83

tert-Butylbenzene

Concen: 47.838 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

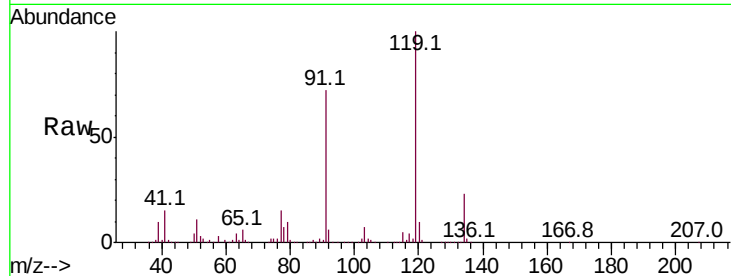
Tot Ion:119 Resp: 579392

Ion Ratio Lower Upper

119 100

91 71.6 36.3 108.9

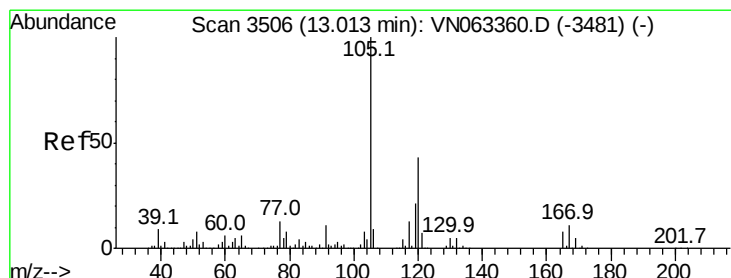
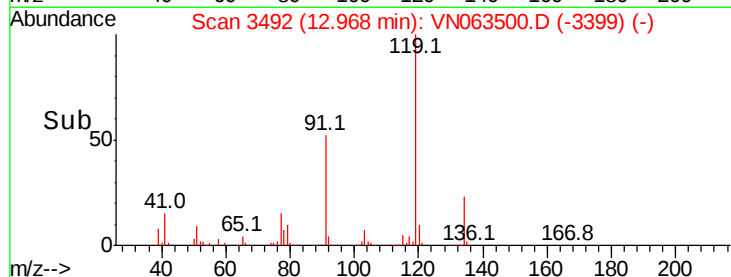
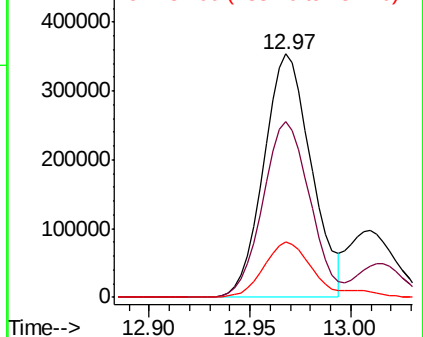
134 22.5 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.966 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063500.D

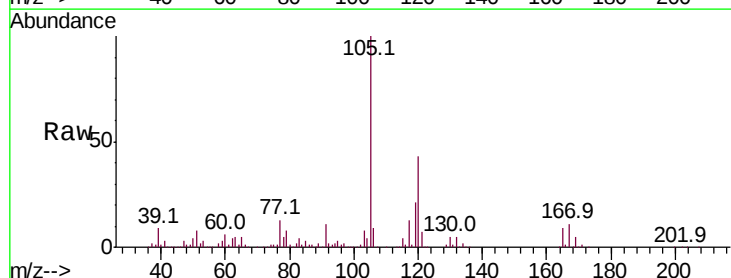
Acq: 21 Sep 2020 20:54

Tgt Ion:105 Resp: 725800

Ion Ratio Lower Upper

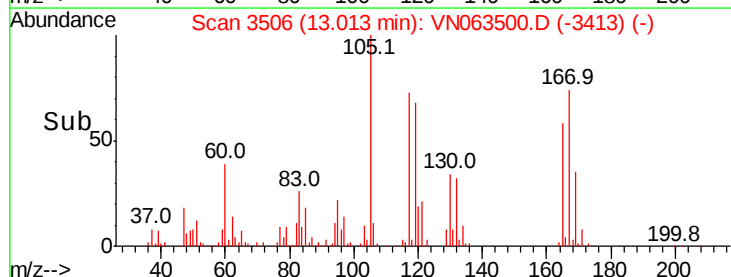
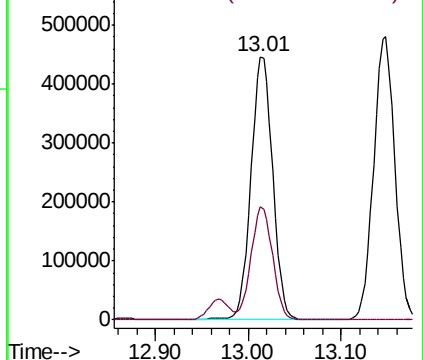
105 100

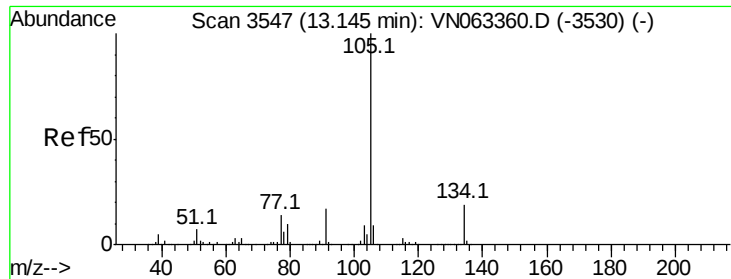
120 42.6 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

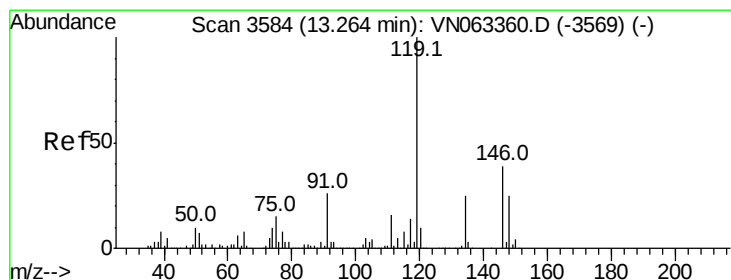
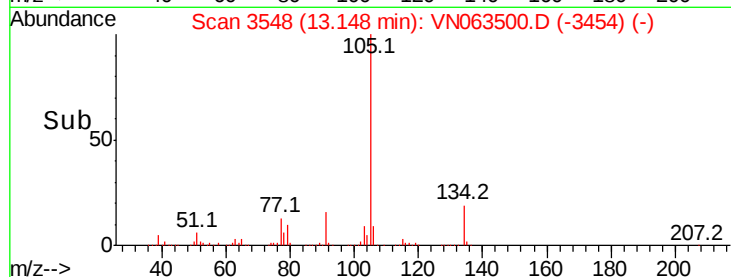
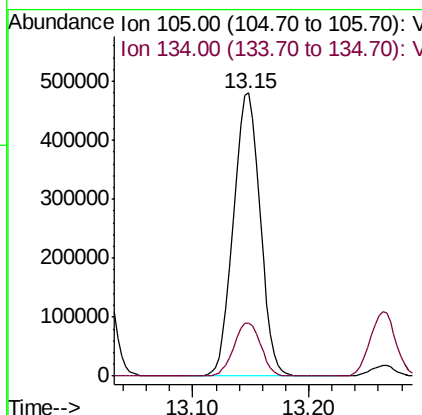
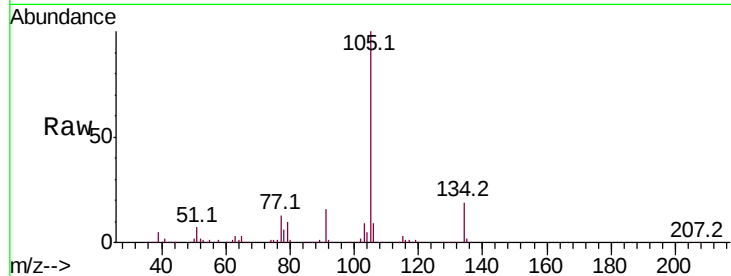




#85
 sec-Butylbenzene
 Concen: 47.026 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

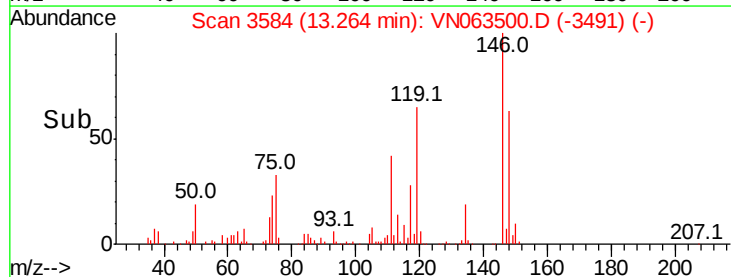
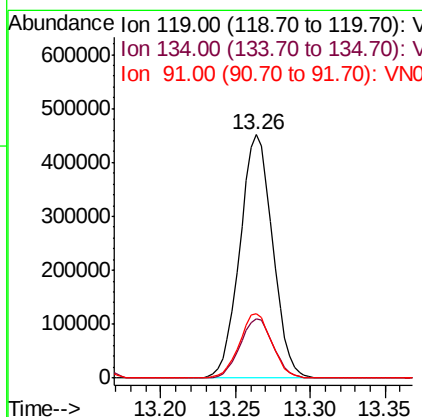
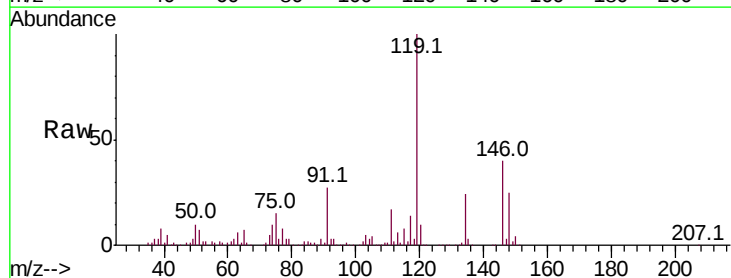
Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

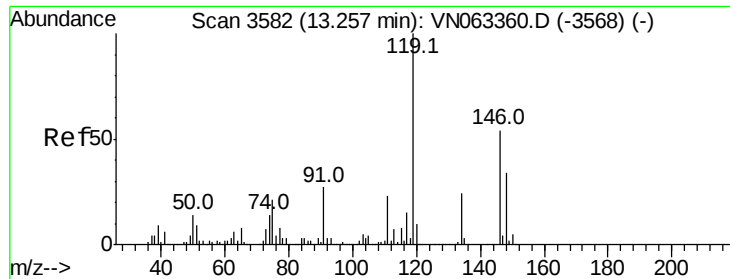
Tot Ion:105 Resp: 762388
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 48.033 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion:119 Resp: 686830
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.5 37.5
 91 26.1 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 48.667 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

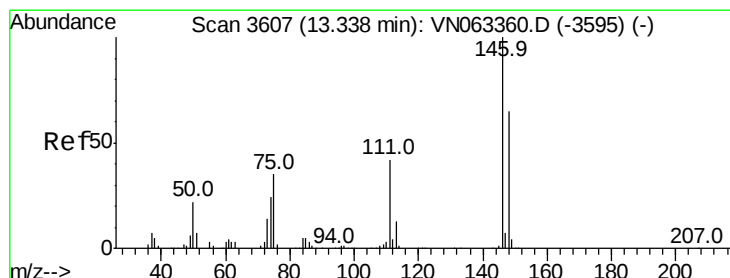
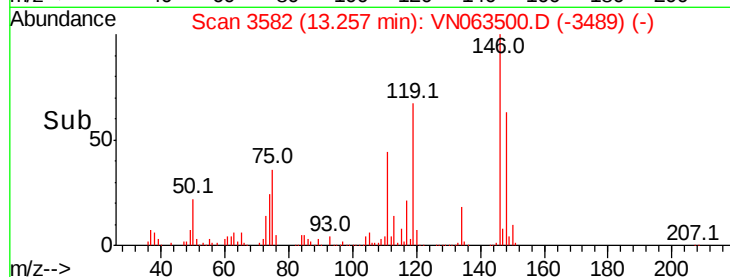
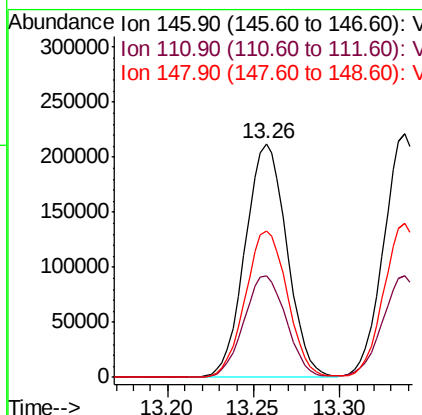
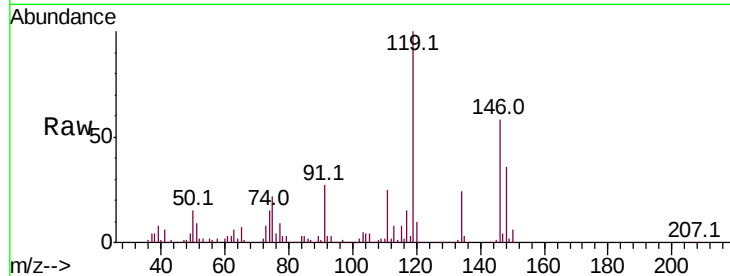
Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 357075

Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.4	64.3
148	63.1	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 48.604 ug/l

RT: 13.34 min Scan# 3607

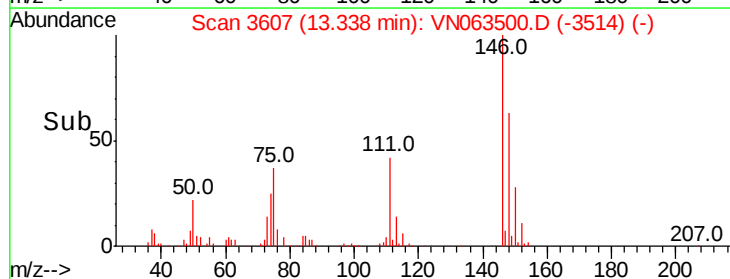
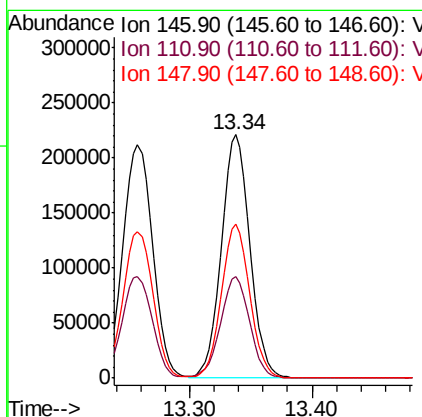
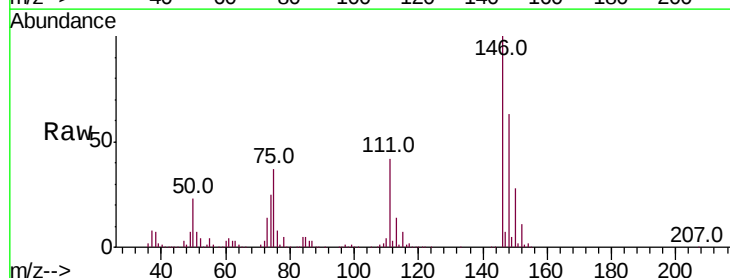
Delta R.T. -0.00 min

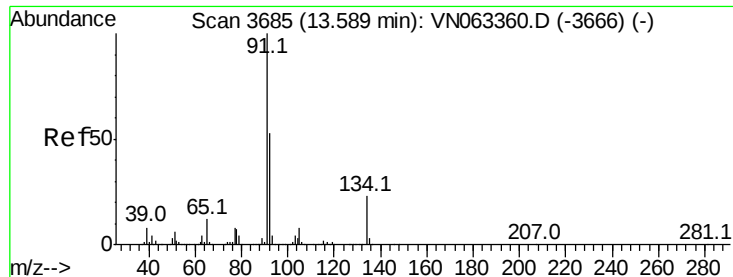
Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion:146 Resp: 362563

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.2	63.6
148	62.8	31.9	95.9





#89

n-Butylbenzene

Concen: 46.584 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

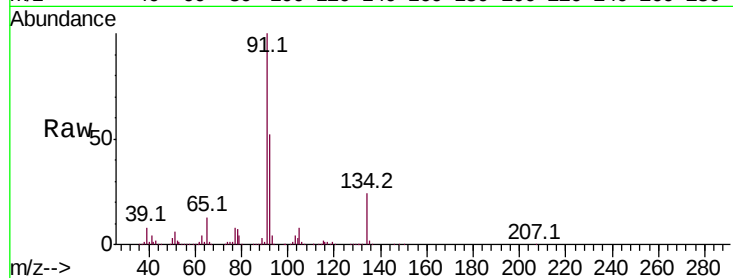
Tot Ion: 91 Resp: 613992

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

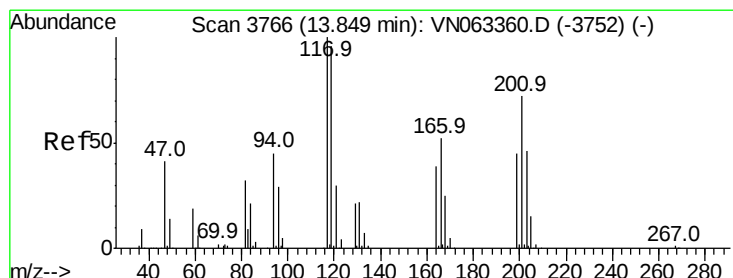
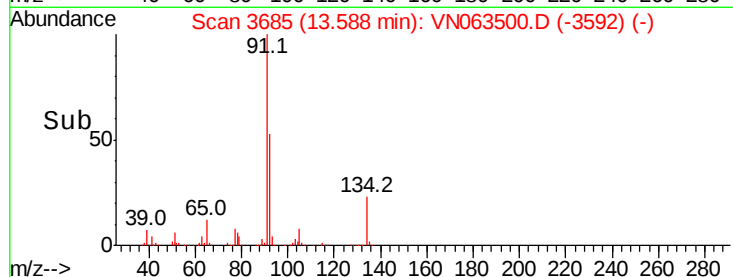
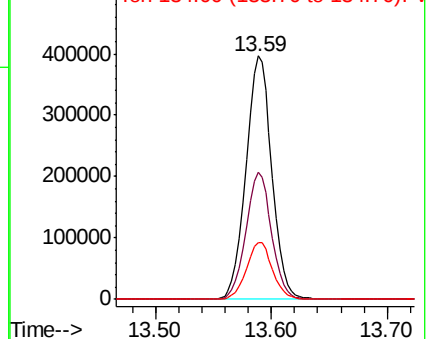
134 23.5 11.7 35.0



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: 45.755 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063500.D

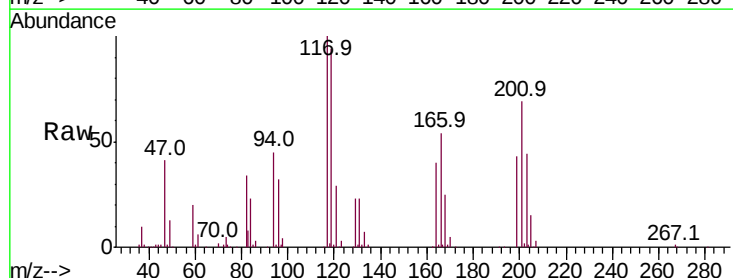
Acq: 21 Sep 2020 20:54

Tgt Ion: 117 Resp: 124581

Ion Ratio Lower Upper

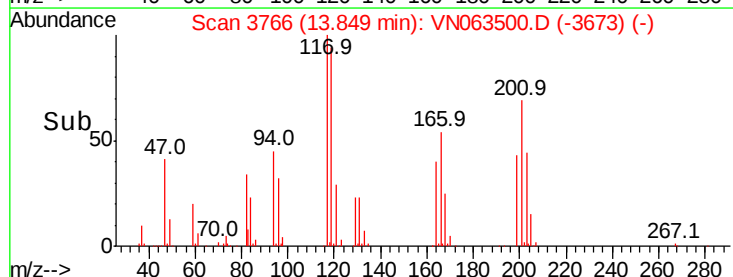
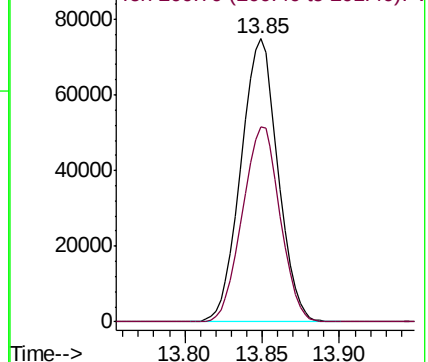
117 100

201 70.1 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: 48.253 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

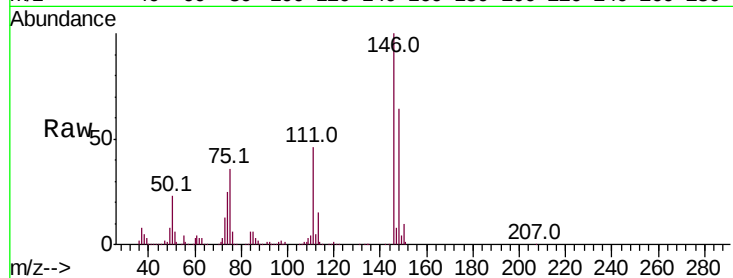
Tot Ion:146 Resp: 347586

Ion Ratio Lower Upper

146 100

111 45.6 22.4 67.2

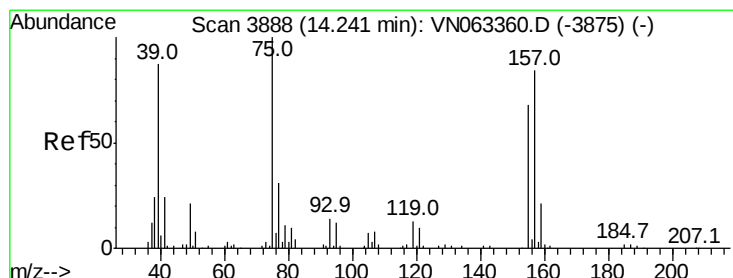
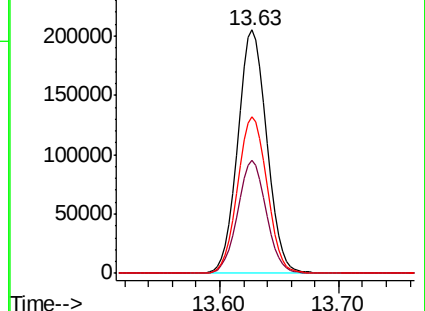
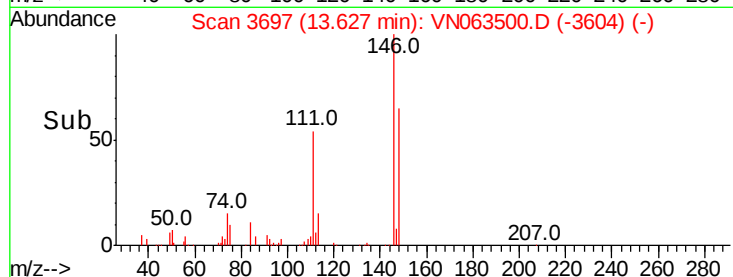
148 65.3 32.0 96.0



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: 44.714 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

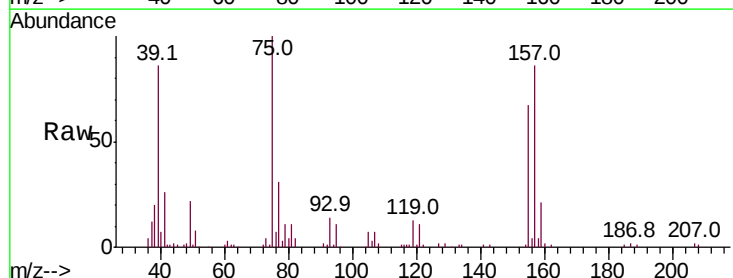
Tgt Ion: 75 Resp: 58018

Ion Ratio Lower Upper

75 100

155 65.4 34.6 103.9

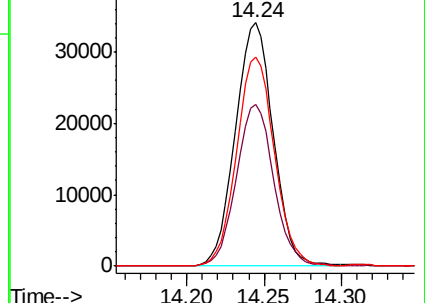
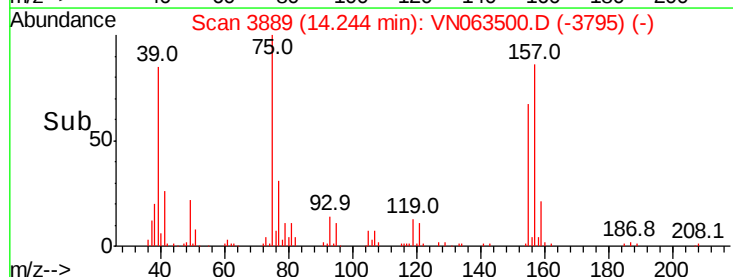
157 85.6 43.7 131.1

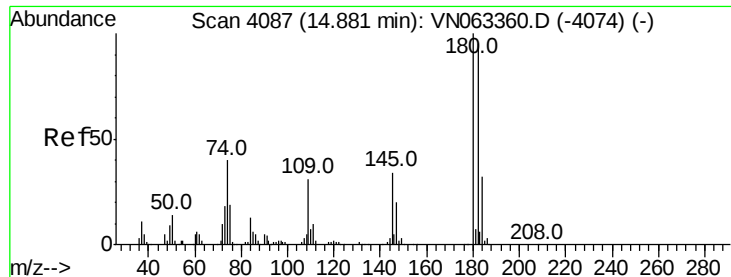


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

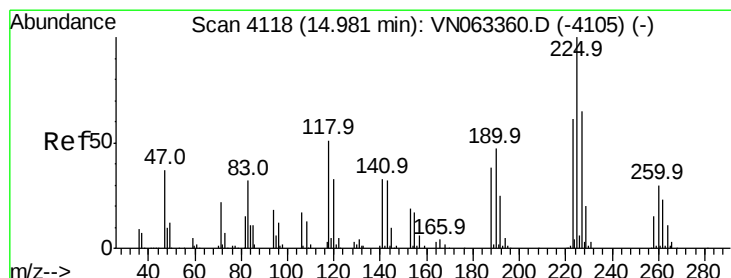
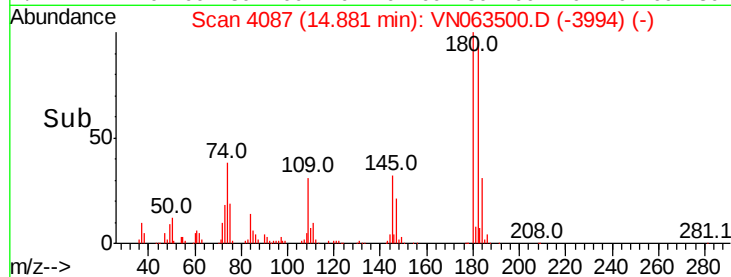
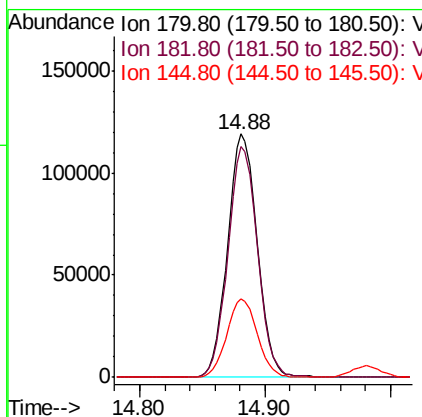
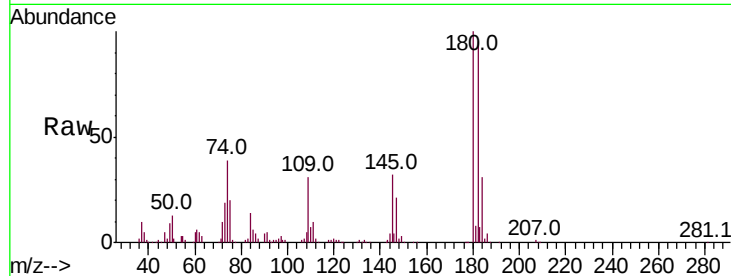




#93
 1,2,4-Trichlorobenzene
 Concen: 46.000 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

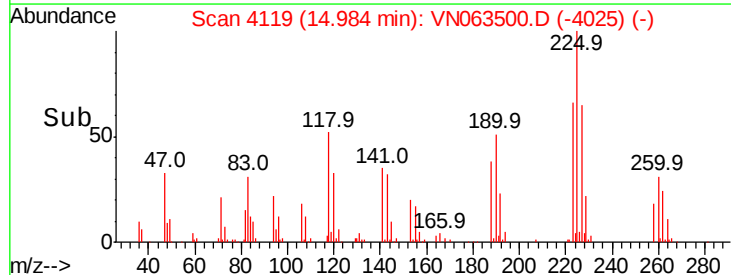
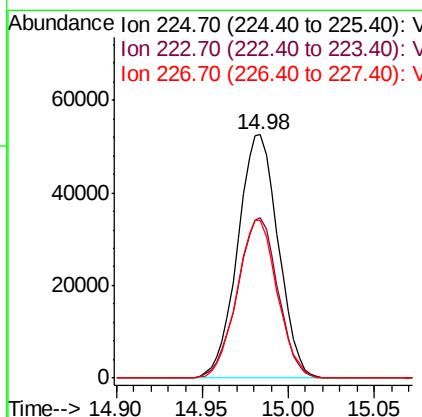
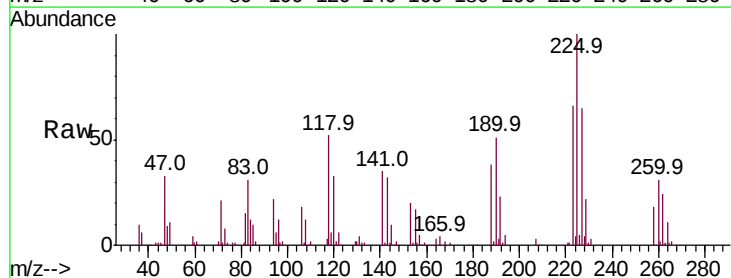
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

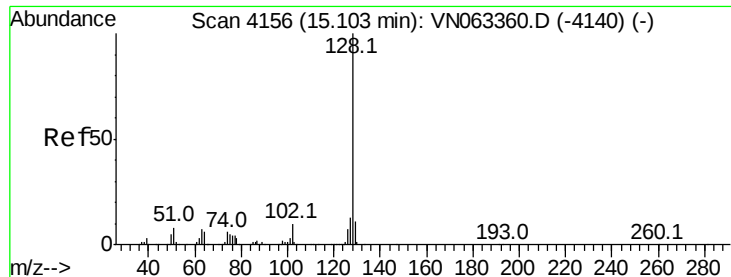
Tot Ion:180 Resp: 195346
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 142.0
 145 33.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 48.777 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion:225 Resp: 85753
 Ion Ratio Lower Upper
 225 100
 223 65.8 30.6 91.6
 227 64.5 31.2 93.6

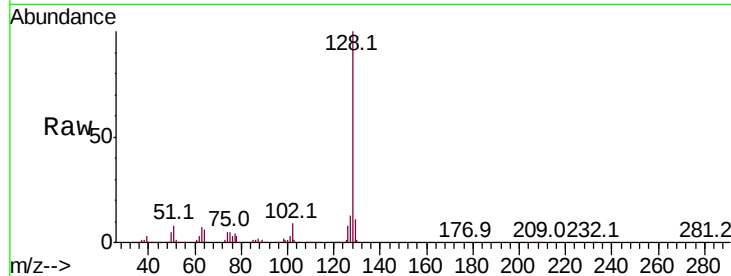




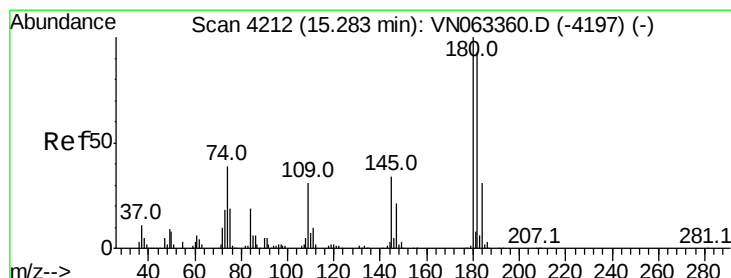
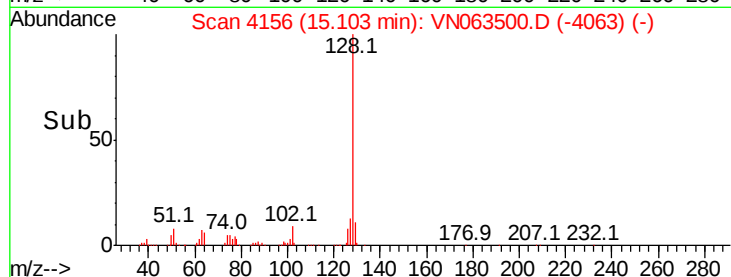
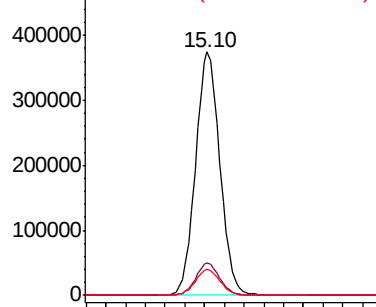
#95
Naphthalene
Concen: 46.252 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 648922
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 8.8 13.2

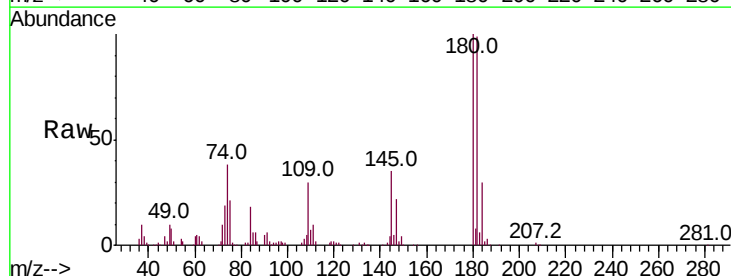


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 45.554 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion:180 Resp: 186915
Ion Ratio Lower Upper
180 100
182 96.4 46.7 140.1
145 34.6 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

