

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063580.D
 Acq On : 23 Sep 2020 11:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 24 02:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	255859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	198859	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	7.55	113	140192	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	10.06	98	531064	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.38	95	207529	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	132052	45.556	ug/l	100
3) Chloromethane	2.04	50	154976	40.415	ug/l	98
4) Vinyl Chloride	2.17	62	157443	46.342	ug/l	98
5) Bromomethane	2.53	94	101121	50.130	ug/l	97
6) Chloroethane	2.67	64	95368	45.730	ug/l	96
7) Trichlorofluoromethane	2.99	101	251319	49.581	ug/l	100
8) Diethyl Ether	3.37	74	89740	45.415	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	138523	48.594	ug/l	99
10) Methyl Iodide	3.91	142	169653	45.712	ug/l	100
11) Tert butyl alcohol	4.72	59	113979	188.902	ug/l	99
12) 1,1-Dichloroethene	3.70	96	129249	44.764	ug/l	98
13) Acrolein	3.57	56	65267	291.888	ug/l	96
14) Allyl chloride	4.28	41	230729	40.399	ug/l	94
15) Acrylonitrile	4.93	53	341542	222.533	ug/l	100
16) Acetone	3.77	43	323839	231.355	ug/l	99
17) Carbon Disulfide	4.01	76	353919	42.140	ug/l	99
18) Methyl Acetate	4.28	43	164291	46.234	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	475398	44.177	ug/l	99
20) Methylene Chloride	4.50	84	154020	43.429	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	143486	44.854	ug/l	99
22) Diisopropyl ether	5.90	45	524294	45.012	ug/l	99
23) Vinyl Acetate	5.84	43	2167170	226.548	ug/l	99
24) 1,1-Dichloroethane	5.80	63	290484	45.679	ug/l	99
25) 2-Butanone	6.78	43	481327	223.583	ug/l	99
26) 2,2-Dichloropropane	6.78	77	254938	45.533	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	168395	46.508	ug/l	98
28) Bromochloromethane	7.15	49	129801	44.207	ug/l	95
29) Tetrahydrofuran	7.16	42	306926	208.750	ug/l	99
30) Chloroform	7.33	83	303340	47.544	ug/l	100
31) Cyclohexane	7.61	56	245213	40.765	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	265803	46.840	ug/l	100
36) 1,1-Dichloropropene	7.75	75	220913	48.984	ug/l	99
37) Ethyl Acetate	6.88	43	205478	46.422	ug/l	98
38) Carbon Tetrachloride	7.73	117	229227	49.791	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063580.D
 Acq On : 23 Sep 2020 11:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 24 02:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	227590	46.497	ug/l	99
40) Benzene	8.00	78	629096	48.865	ug/l	99
41) Methacrylonitrile	7.12	41	91541	45.982	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	259157	50.056	ug/l	99
43) Isopropyl Acetate	8.13	43	360263	45.518	ug/l #	89
44) Trichloroethene	8.80	130	156442	50.100	ug/l	95
45) 1,2-Dichloropropane	9.08	63	172361	49.156	ug/l	99
46) Dibromomethane	9.17	93	115584	50.154	ug/l	99
47) Bromodichloromethane	9.37	83	241399	50.420	ug/l	98
48) Methyl methacrylate	9.16	41	178549	45.917	ug/l	99
49) 1,4-Dioxane	9.16	88	47977	859.757	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1060133	239.258	ug/l	99
52) Toluene	10.12	92	398702	51.509	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	261908	49.001	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	281451	49.922	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	157981	51.384	ug/l	97
56) Ethyl methacrylate	10.40	69	236818	49.340	ug/l	98
57) 1,3-Dichloropropane	10.68	76	270008	48.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	612445	243.243	ug/l	98
59) 2-Hexanone	10.72	43	786281	244.941	ug/l	99
60) Dibromochloromethane	10.87	129	174657	50.284	ug/l	100
61) 1,2-Dibromoethane	10.98	107	162504	50.874	ug/l	99
64) Tetrachloroethene	10.60	164	143877	53.869	ug/l	99
65) Chlorobenzene	11.41	112	418407	50.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	158185	51.829	ug/l	100
67) Ethyl Benzene	11.48	91	795533	50.737	ug/l	99
68) m/p-Xylenes	11.60	106	574982	101.707	ug/l	99
69) o-Xylene	11.92	106	276004	51.250	ug/l	100
70) Styrene	11.94	104	482778	53.457	ug/l	99
71) Bromoform	12.10	173	115464	50.783	ug/l #	99
73) Isopropylbenzene	12.22	105	756866	48.220	ug/l	100
74) N-amyl acetate	12.05	43	331815	44.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	223261	45.938	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	309833	63.908	ug/l #	100
77) Bromobenzene	12.50	156	176917	50.108	ug/l	97
78) n-propylbenzene	12.57	91	900657	49.266	ug/l	100
79) 2-Chlorotoluene	12.65	91	530669	48.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	649033	49.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	77255	43.688	ug/l	95
82) 4-Chlorotoluene	12.75	91	570164	49.241	ug/l	99
83) tert-Butylbenzene	12.97	119	514166	47.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	662378	50.102	ug/l	100
85) sec-Butylbenzene	13.14	105	694881	48.056	ug/l	99
86) p-Isopropyltoluene	13.26	119	627311	49.186	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	326122	49.834	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	328492	49.372	ug/l	100
89) n-Butylbenzene	13.59	91	578016	49.169	ug/l	100
90) Hexachloroethane	13.85	117	111093	45.745	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	318230	49.531	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49158	42.476	ug/l	98

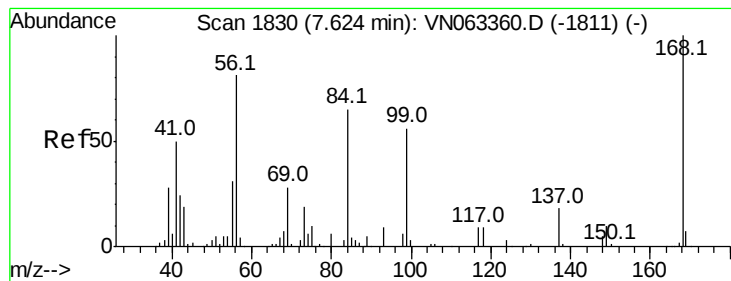
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063580.D
Acq On : 23 Sep 2020 11:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 24 02:34:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	181456	47.907	ug/l	98
94) Hexachlorobutadiene	14.98	225	86244	55.000	ug/l	99
95) Naphthalene	15.10	128	557401	44.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	166519	45.500	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

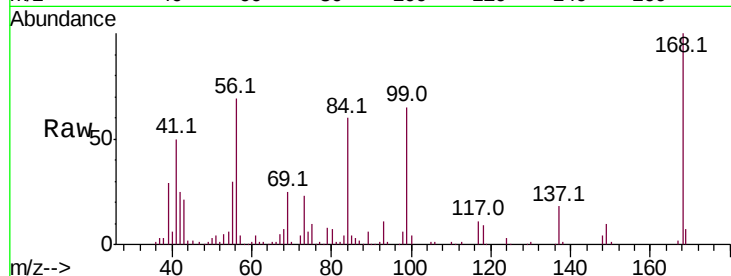
VSTDCCC050

Tot Ion:168 Resp: 255859

Ion Ratio Lower Upper

168 100

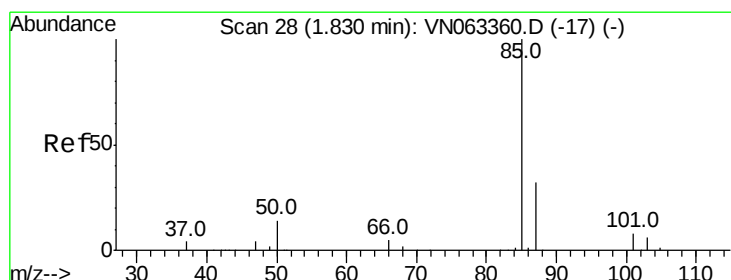
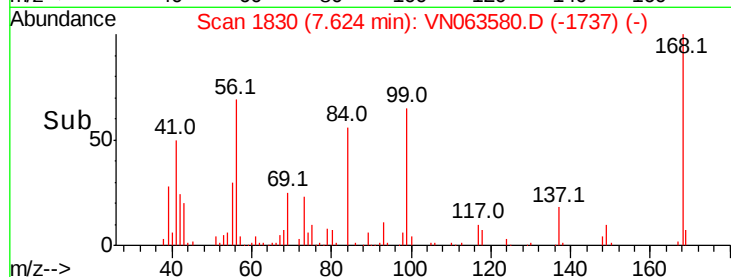
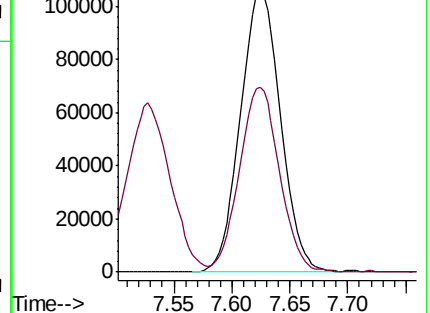
99 65.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62



#2

Dichlorodifluoromethane

Concen: 45.556 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063580.D

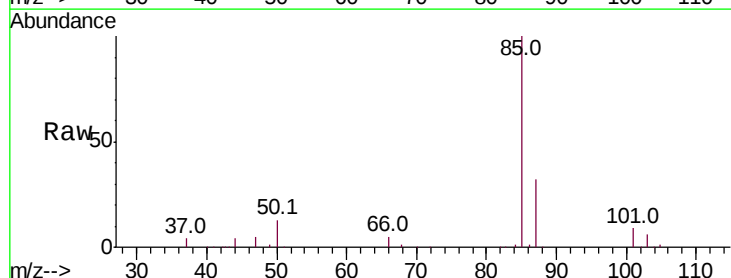
Acq: 23 Sep 2020 11:25

Tgt Ion: 85 Resp: 132052

Ion Ratio Lower Upper

85 100

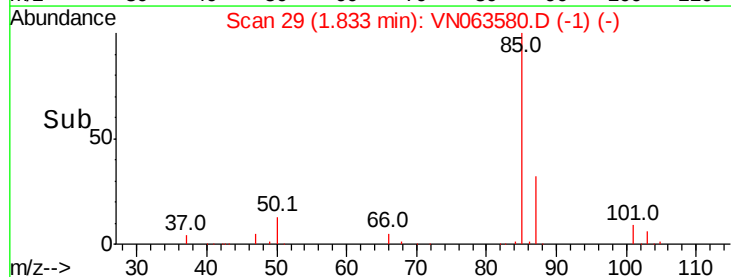
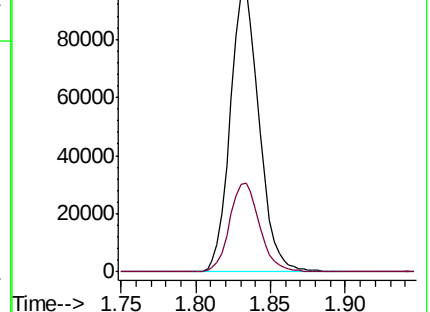
87 31.6 15.9 47.6

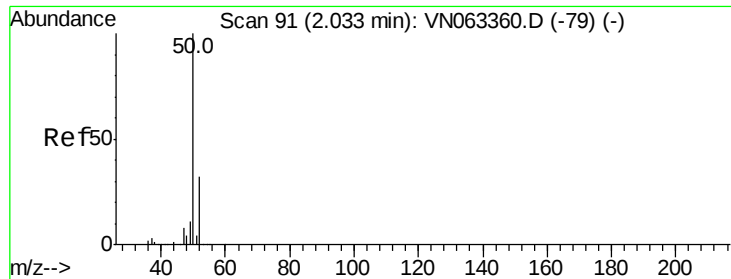


Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83





#3

Chloromethane

Concen: 40.415 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

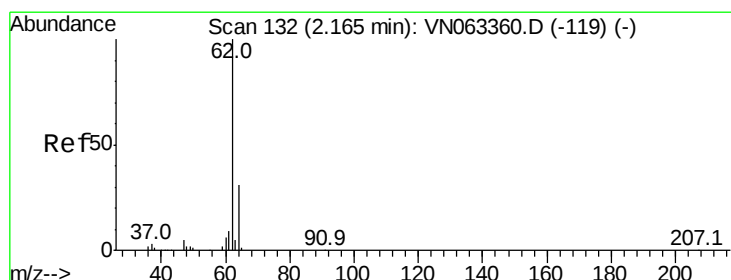
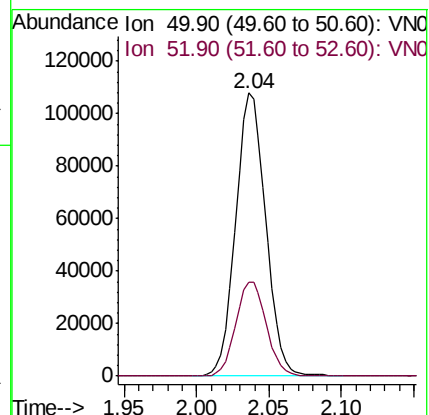
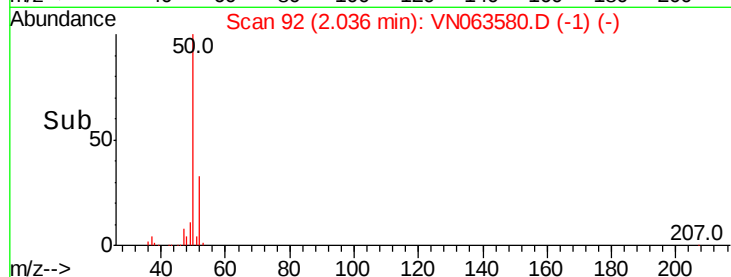
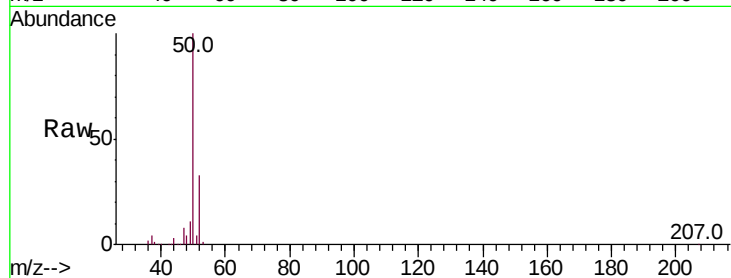
VSTDCCC050

Tot Ion: 50 Resp: 154976

Ion Ratio Lower Upper

50 100

52 33.3 25.9 38.9



#4

Vinyl Chloride

Concen: 46.342 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063580.D

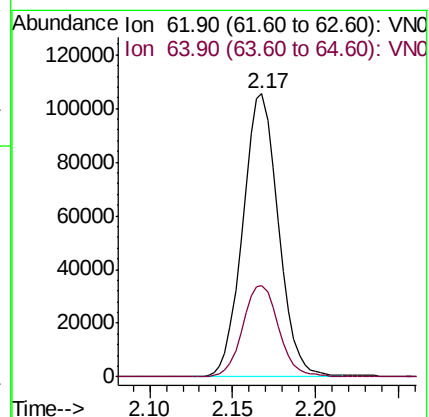
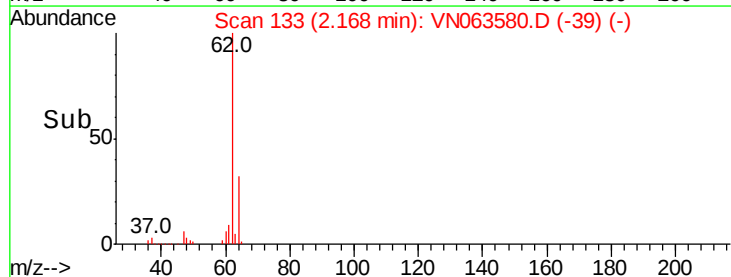
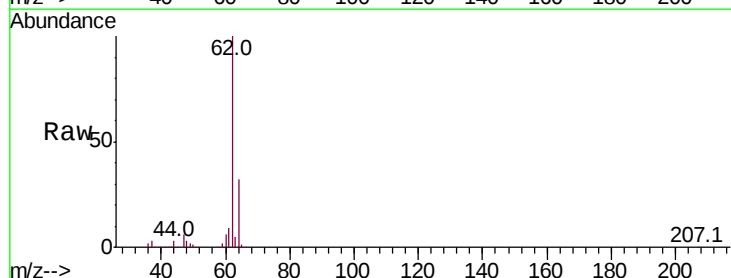
Acq: 23 Sep 2020 11:25

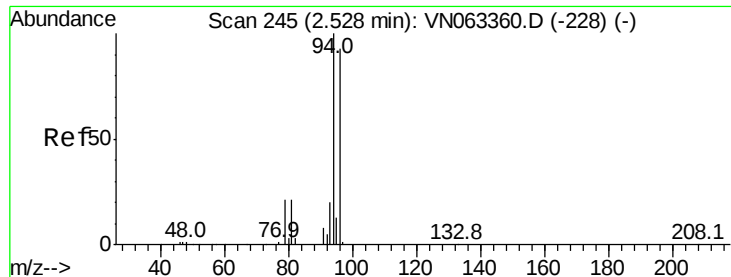
Tgt Ion: 62 Resp: 157443

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 50.130 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

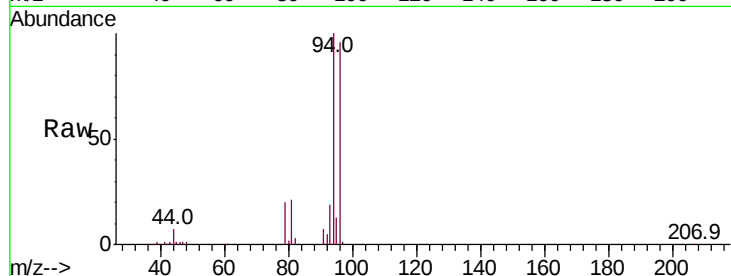
VSTDCCC050

Tot Ion: 94 Resp: 101121

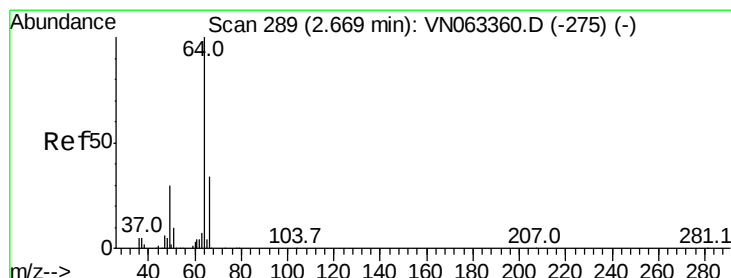
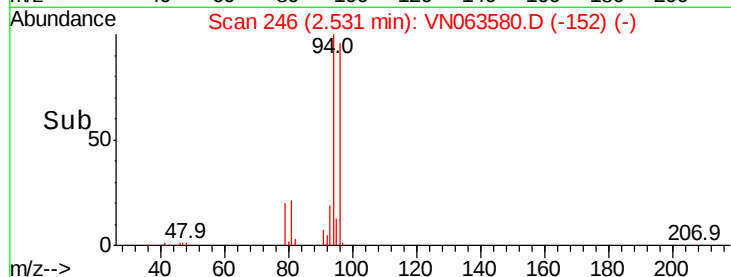
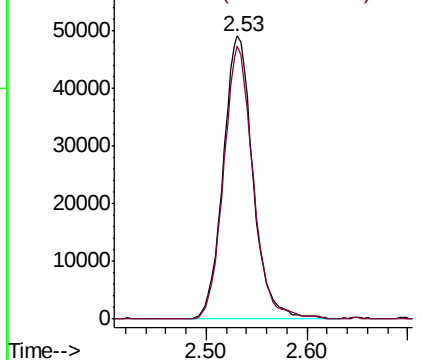
Ion Ratio Lower Upper

94 100

96 96.4 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: 45.730 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063580.D

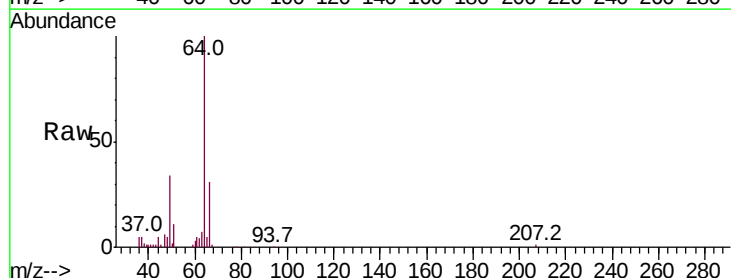
Acq: 23 Sep 2020 11:25

Tgt Ion: 64 Resp: 95368

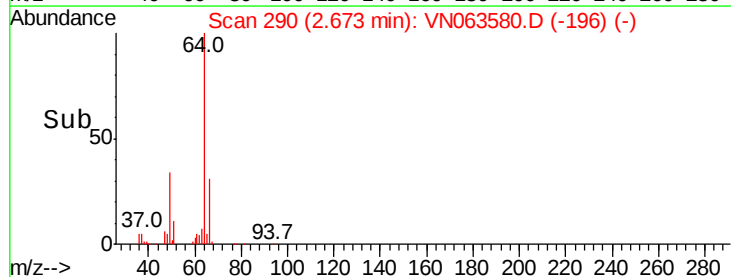
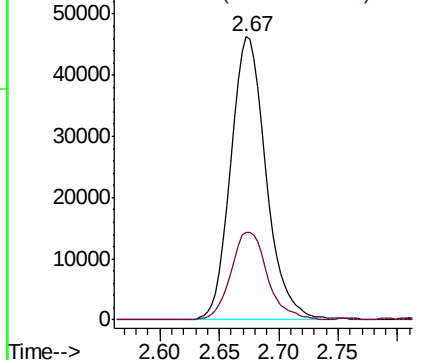
Ion Ratio Lower Upper

64 100

66 31.1 26.9 40.3



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



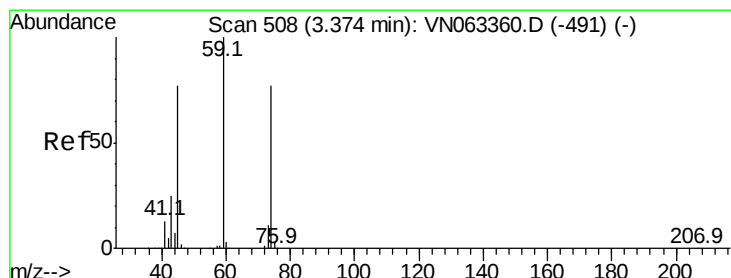
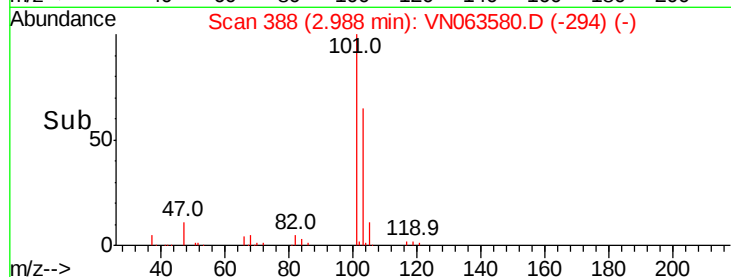
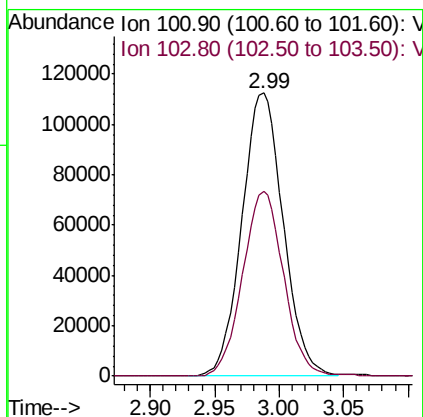
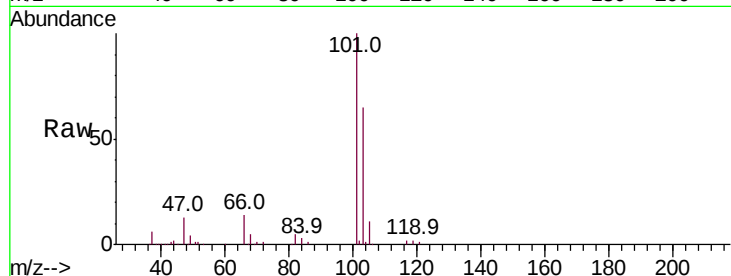


#7

Trichlorofluoromethane
 Concen: 49.581 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

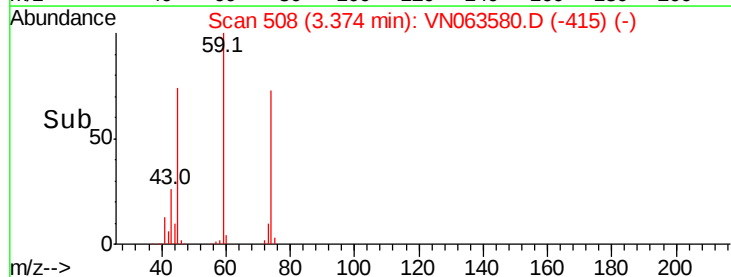
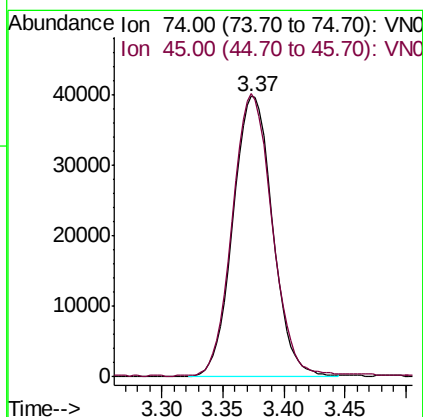
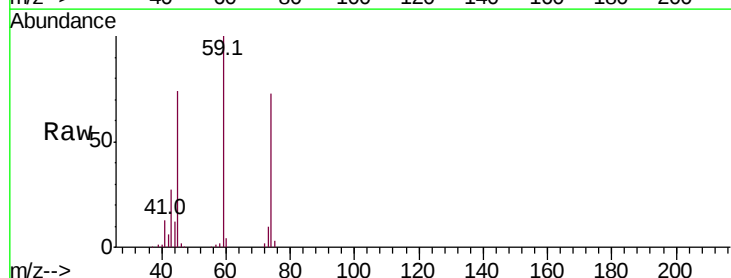
Tot Ion:101 Resp: 251319
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5

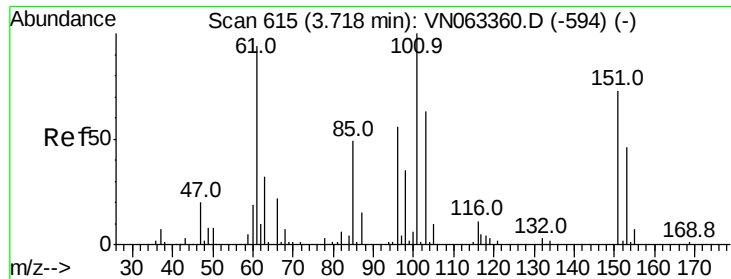


#8

Diethyl Ether
 Concen: 45.415 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion: 74 Resp: 89740
 Ion Ratio Lower Upper
 74 100
 45 102.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.594 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

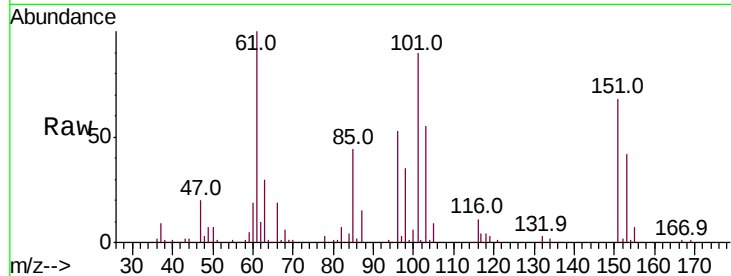
Tot Ion:101 Resp: 138523

Ion Ratio Lower Upper

101 100

85 47.6 37.7 56.5

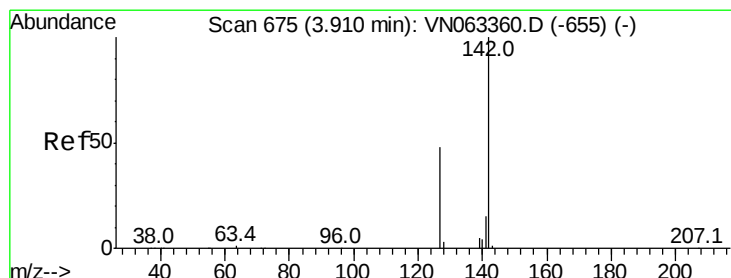
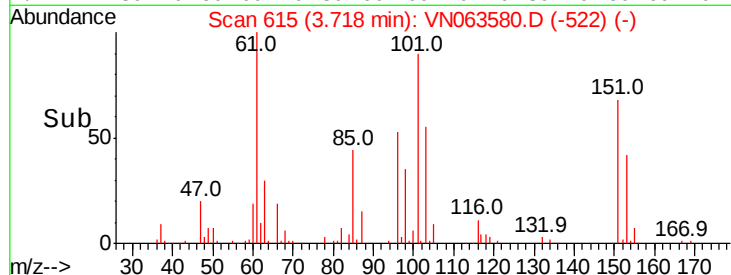
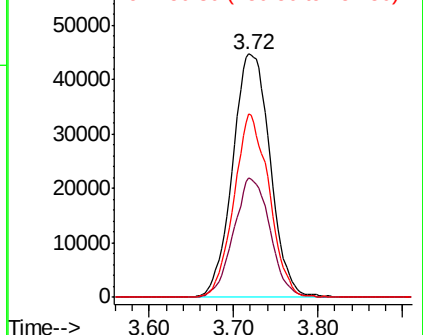
151 70.6 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.712 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

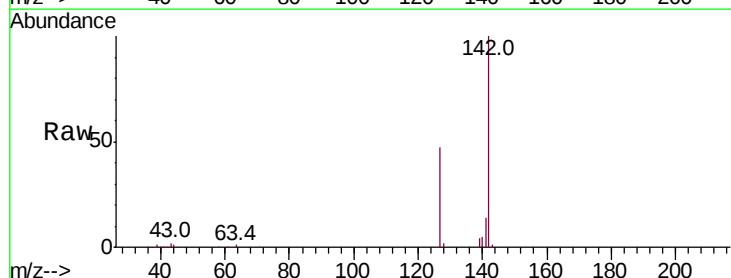
Tgt Ion:142 Resp: 169653

Ion Ratio Lower Upper

142 100

127 48.8 39.0 58.6

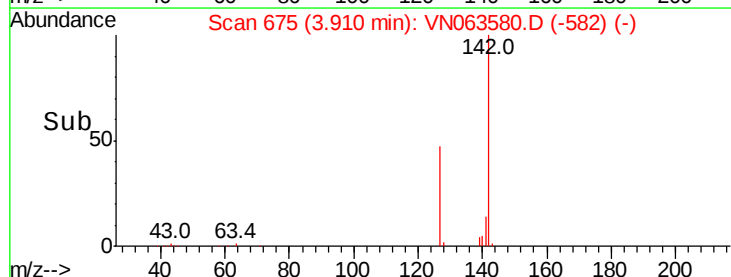
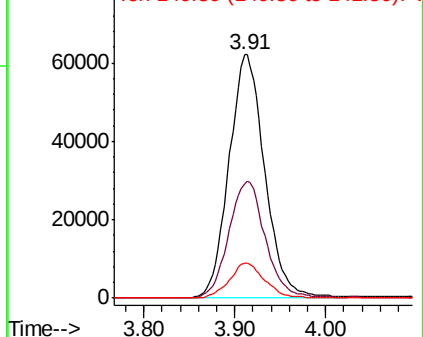
141 14.3 11.6 17.4

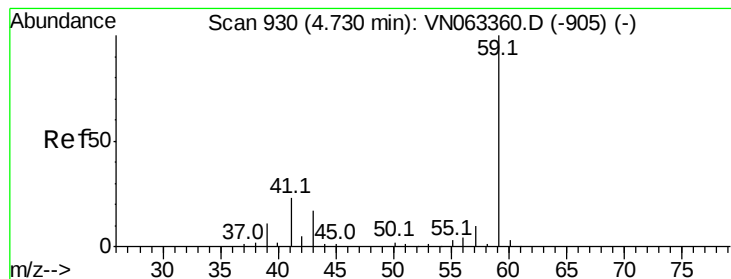


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



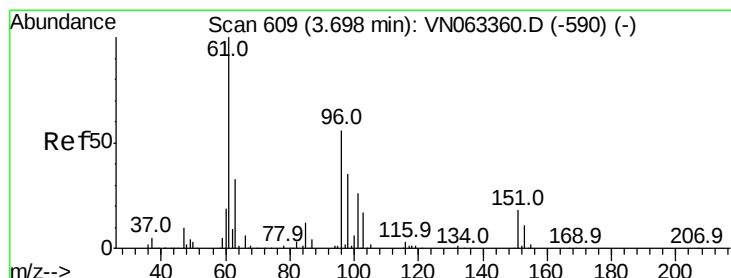
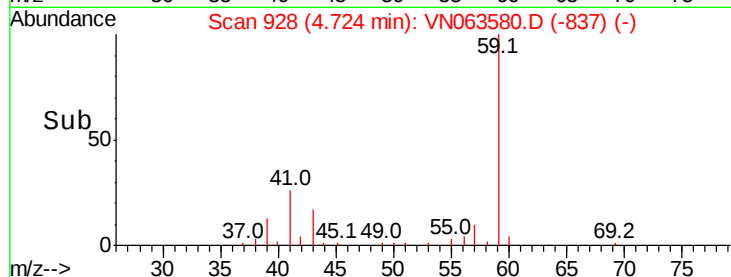
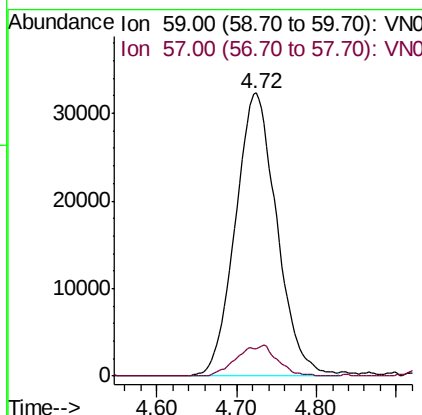
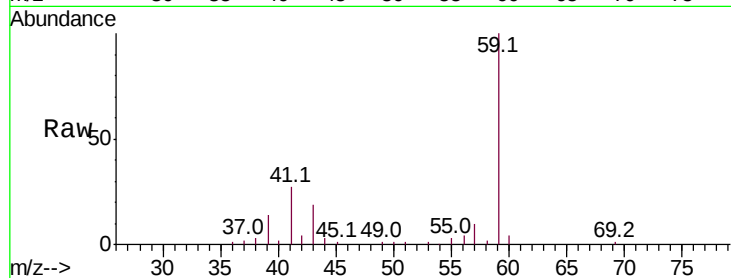


#11

Tert butyl alcohol
 Concen: 188.902 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

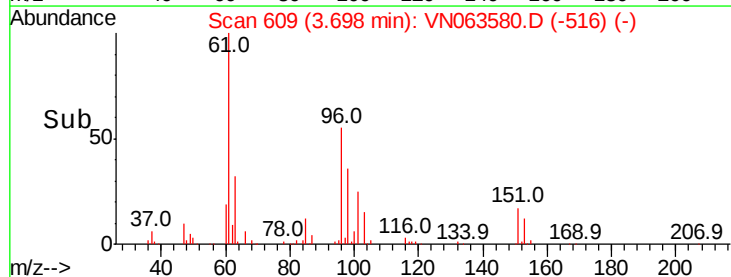
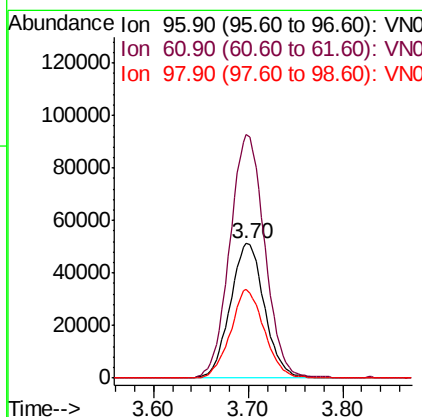
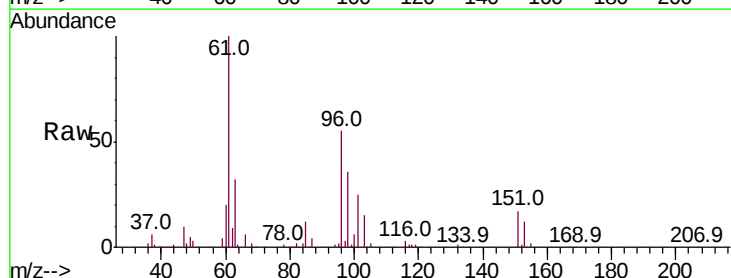
Tot Ion: 59 Resp: 113979
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

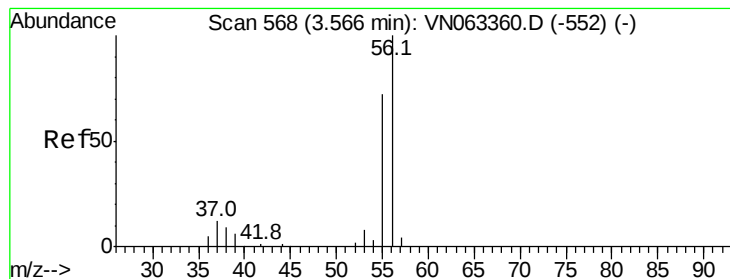


#12

1,1-Dichloroethene
 Concen: 44.764 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion: 96 Resp: 129249
 Ion Ratio Lower Upper
 96 100
 61 181.0 143.4 215.2
 98 66.0 50.6 76.0





#13

Acrolein

Concen: 291.888 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

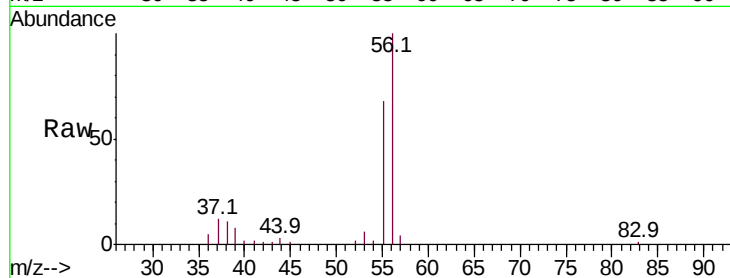
VSTDCCC050

Tot Ion: 56 Resp: 65267

Ion Ratio Lower Upper

56 100

55 69.7 58.2 87.2

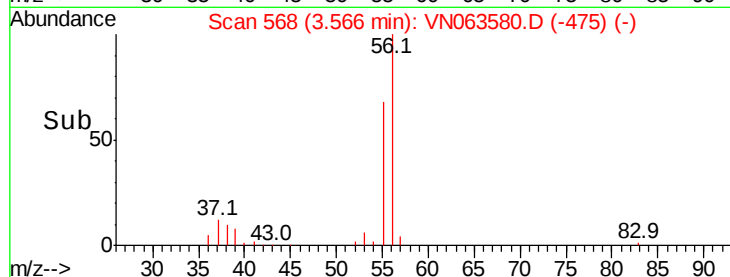


Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN063360.D (-552) (-)

3.57

Time-->

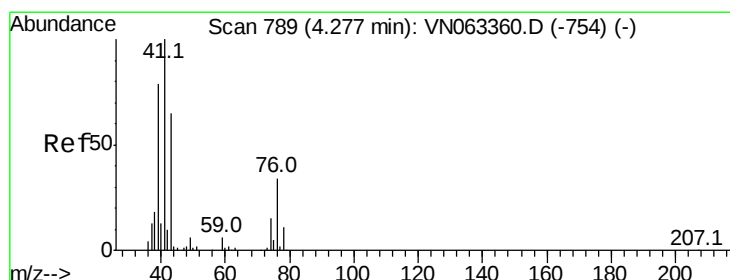


Abundance Ion 56.00 (55.70 to 56.70): VN063580.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN063580.D (-475) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 40.399 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

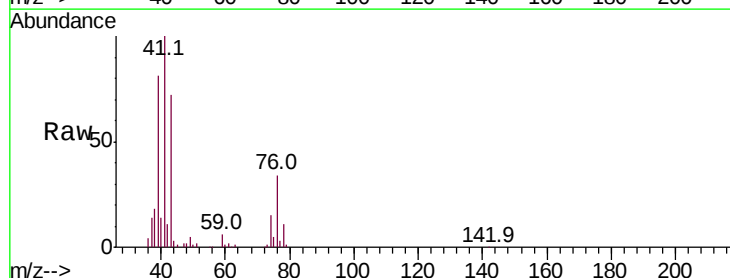
Tgt Ion: 41 Resp: 230729

Ion Ratio Lower Upper

41 100

39 80.8 59.3 88.9

76 33.4 25.3 37.9



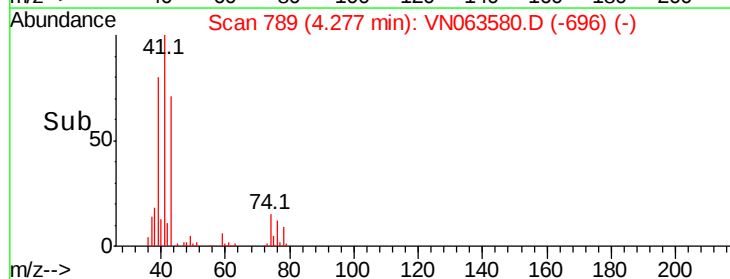
Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN063360.D (-754) (-)

4.28

Time-->



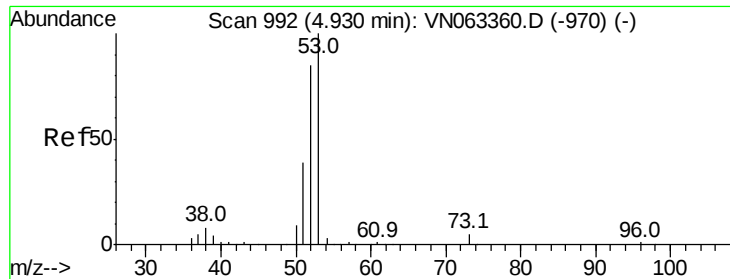
Abundance Ion 41.00 (40.70 to 41.70): VN063580.D (-696) (-)

Ion 39.00 (38.70 to 39.70): VN063580.D (-696) (-)

Ion 75.90 (75.60 to 76.60): VN063580.D (-696) (-)

4.28

Time-->



#15

Acrylonitrile

Concen: 222.533 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

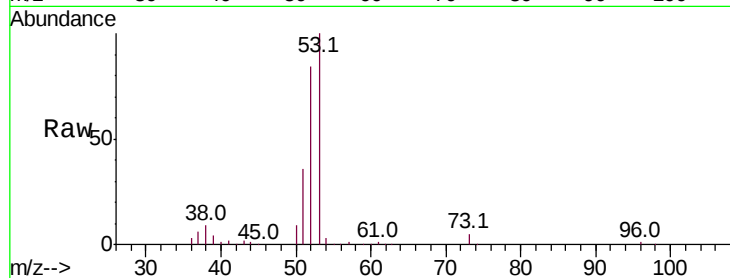
Tot Ion: 53 Resp: 341542

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

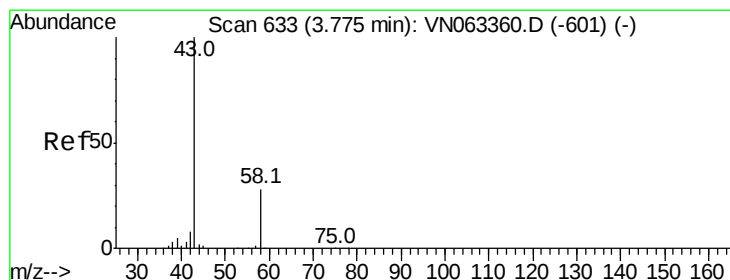
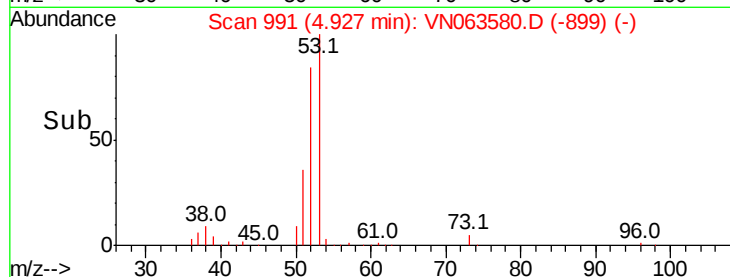
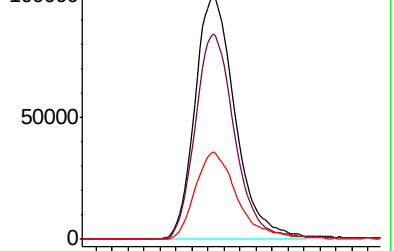
51 37.7 30.2 45.4



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) (-)



#16

Acetone

Concen: 231.355 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063580.D

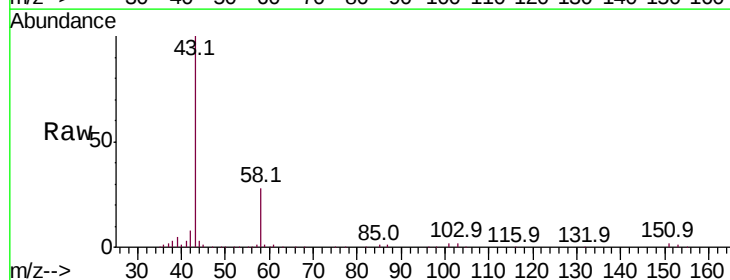
Acq: 23 Sep 2020 11:25

Tgt Ion: 43 Resp: 323839

Ion Ratio Lower Upper

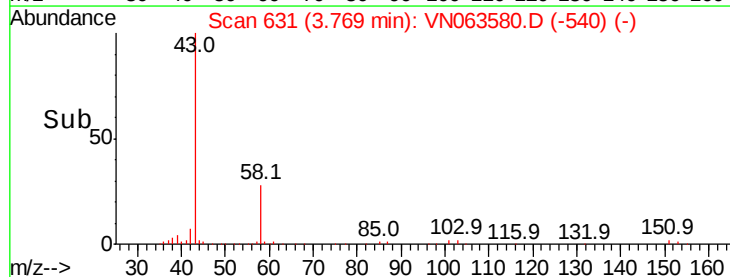
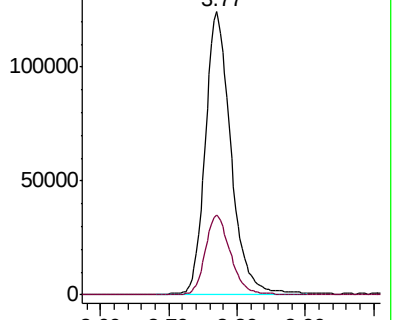
43 100

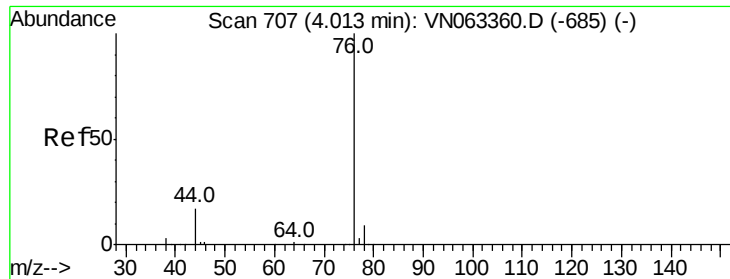
58 28.3 22.3 33.5



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

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

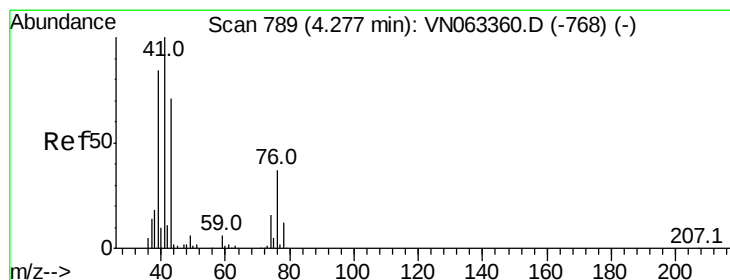
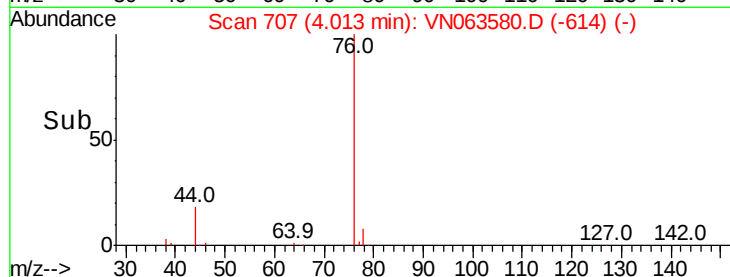
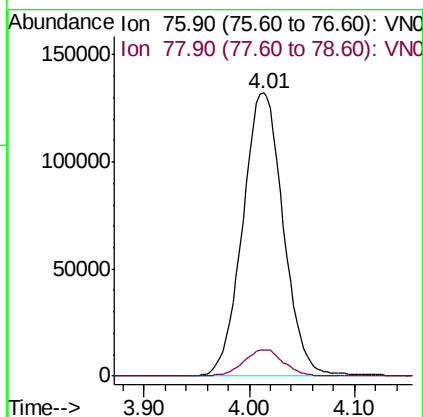
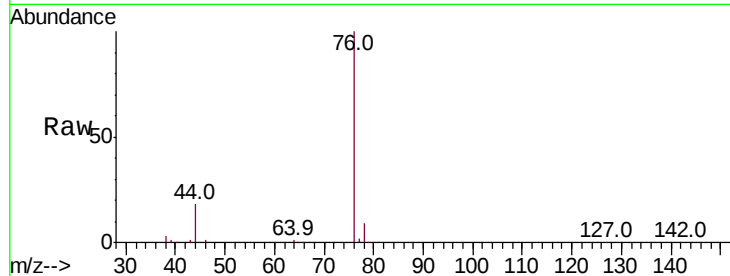




#17
Carbon Disulfide
Concen: 42.140 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

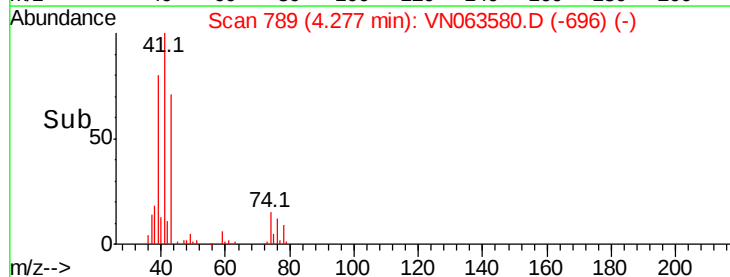
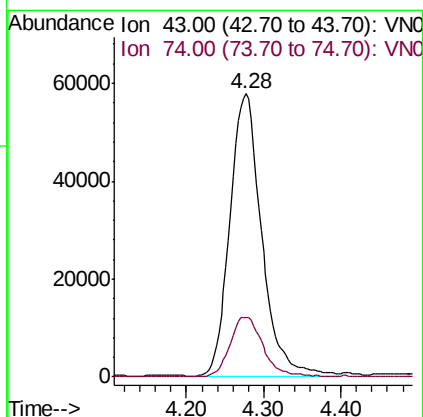
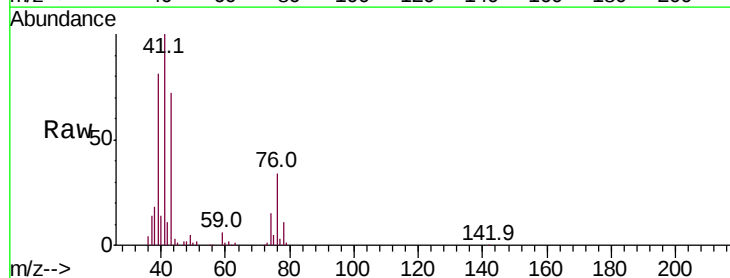
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

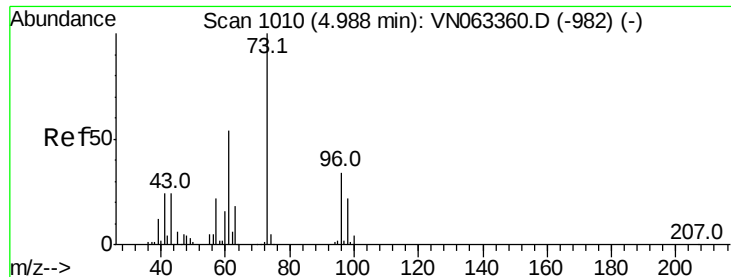
Tot Ion: 76 Resp: 353919
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 46.234 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion: 43 Resp: 164291
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2

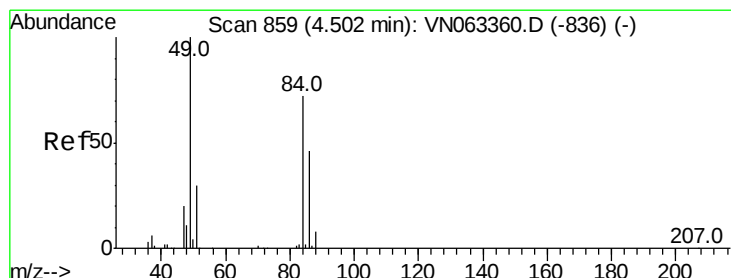
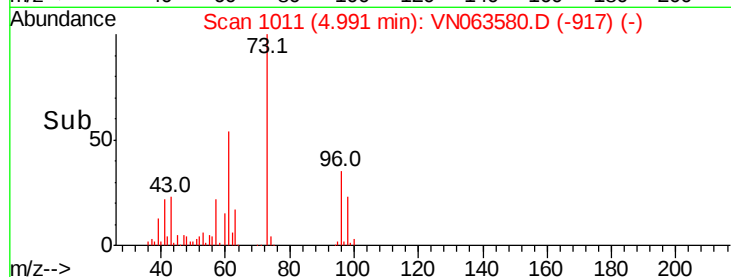
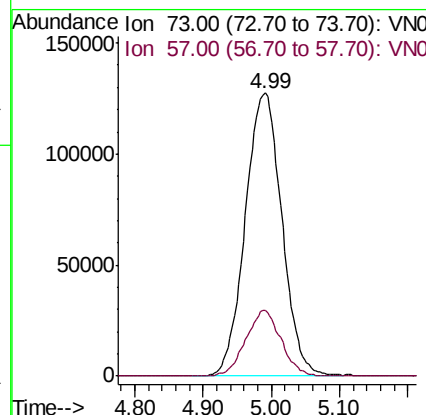
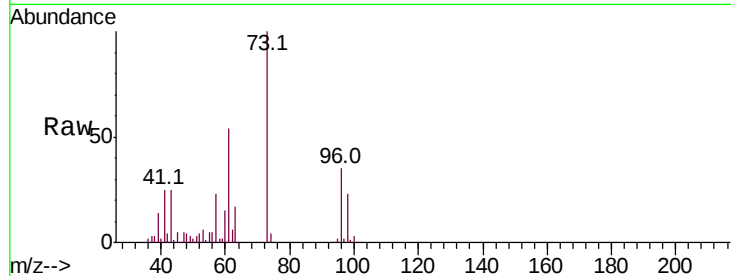




#19
Methyl tert-butyl Ether
Concen: 44.177 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

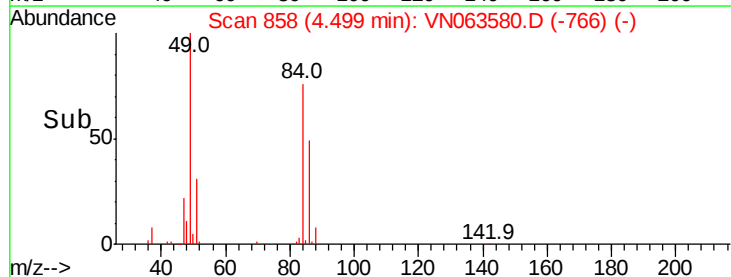
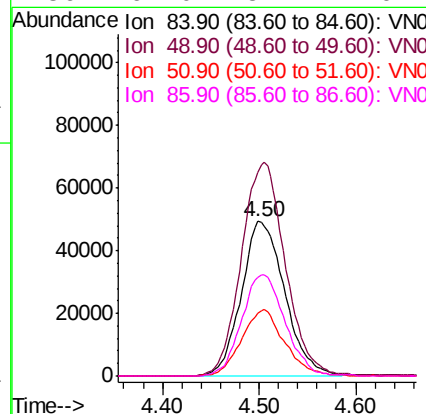
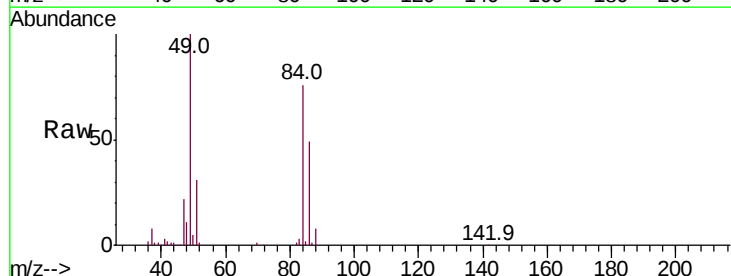
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

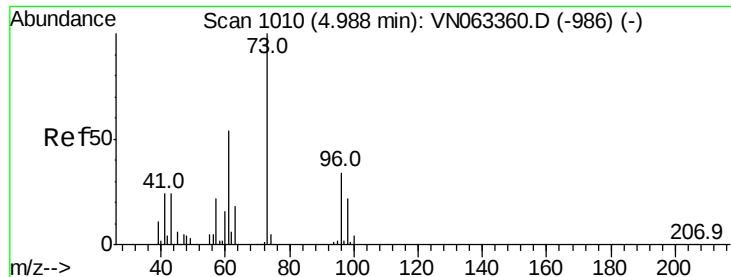
Tot Ion: 73 Resp: 475398
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9



#20
Methylene Chloride
Concen: 43.429 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion: 84 Resp: 154020
Ion Ratio Lower Upper
84 100
49 131.8 110.7 166.1
51 40.2 32.9 49.3
86 64.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.854 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

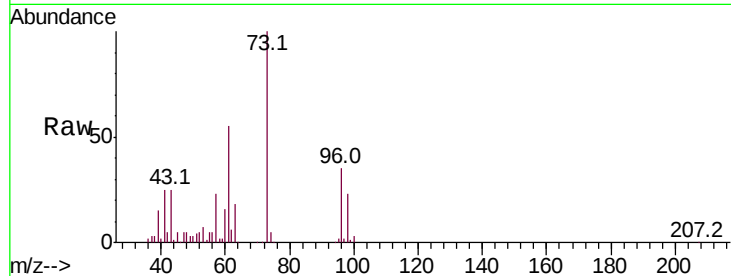
Tot Ion: 96 Resp: 143486

Ion Ratio Lower Upper

96 100

61 156.7 126.2 189.4

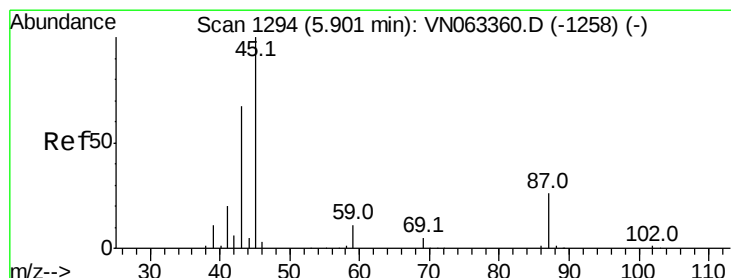
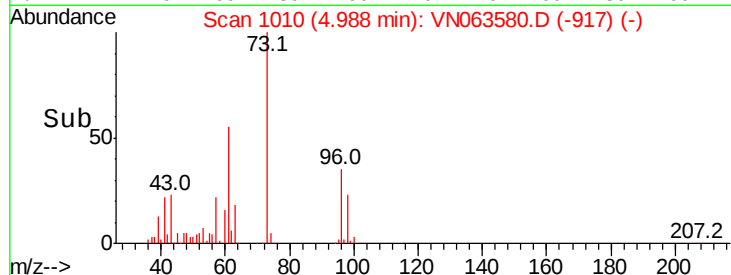
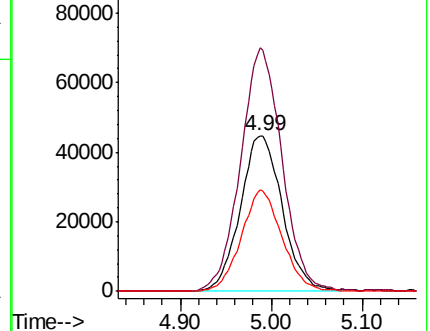
98 65.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-986) (-)



#22

Diisopropyl ether

Concen: 45.012 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Tgt Ion: 45 Resp: 524294

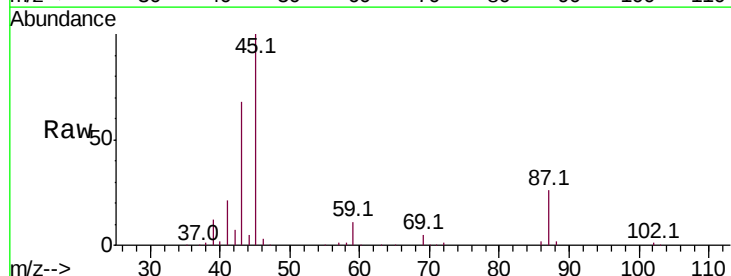
Ion Ratio Lower Upper

45 100

43 66.1 53.5 80.3

87 25.8 21.2 31.8

59 11.3 8.8 13.2

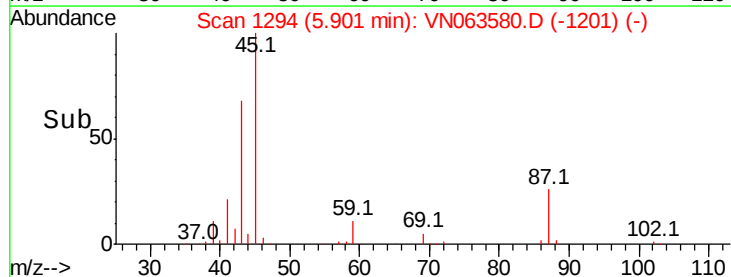
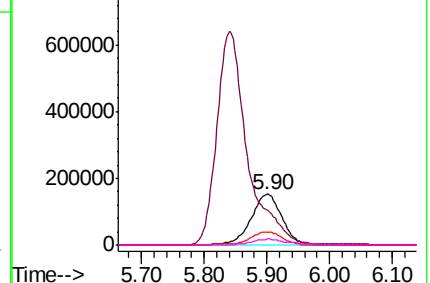


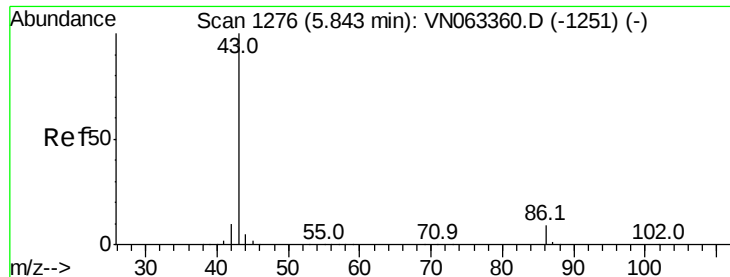
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN063360.D (-1258) (-)

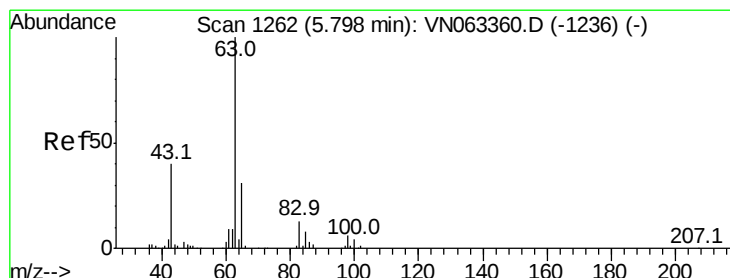
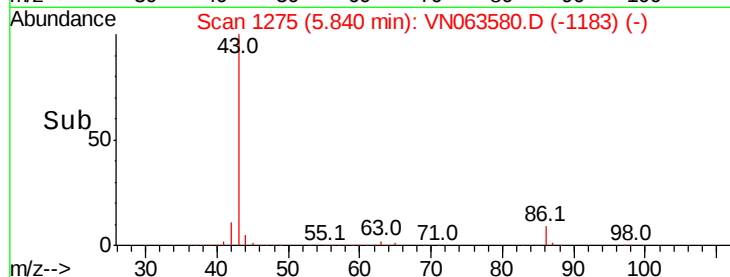
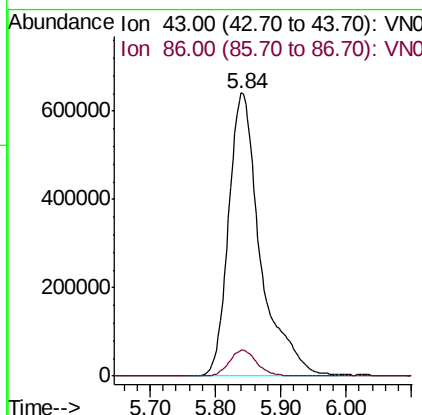
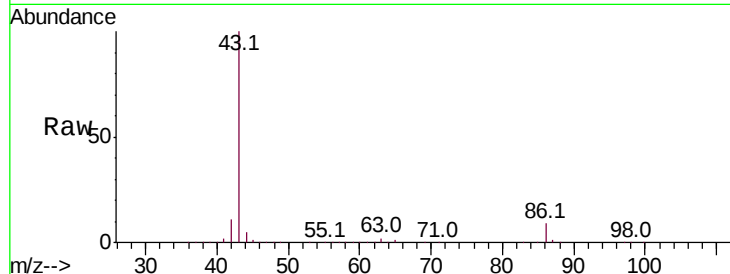




#23
 Vinyl Acetate
 Concen: 226.548 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

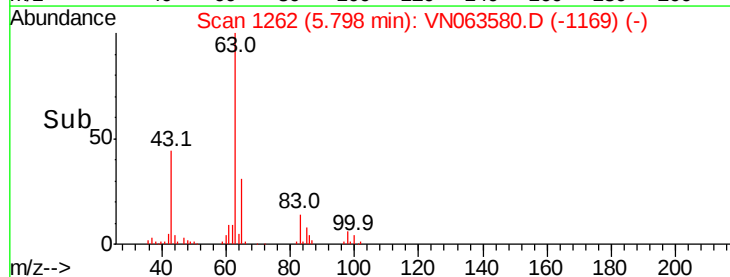
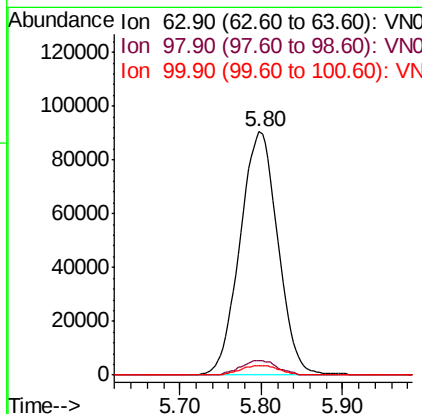
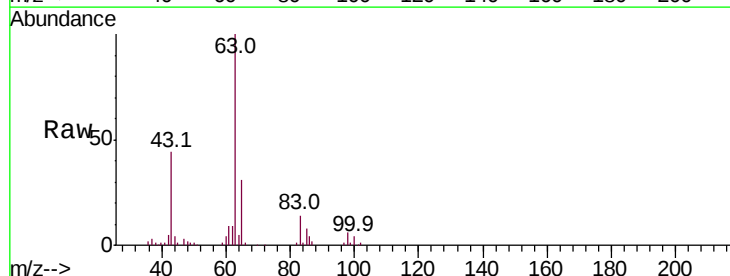
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

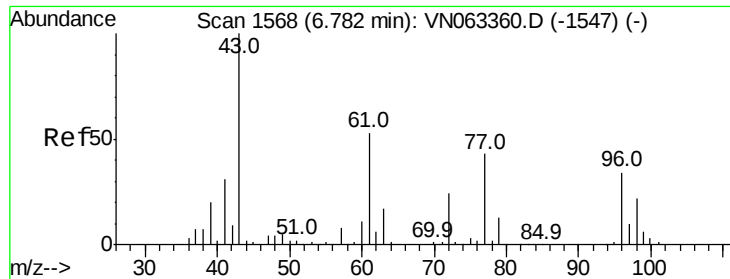
Tot Ion: 43 Resp: 2167170
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 45.679 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion: 63 Resp: 290484
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.8
 100 3.7 2.1 6.3

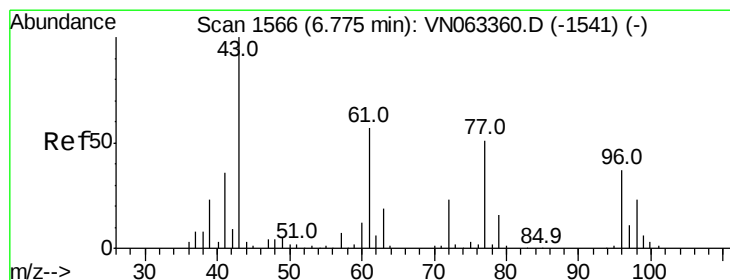
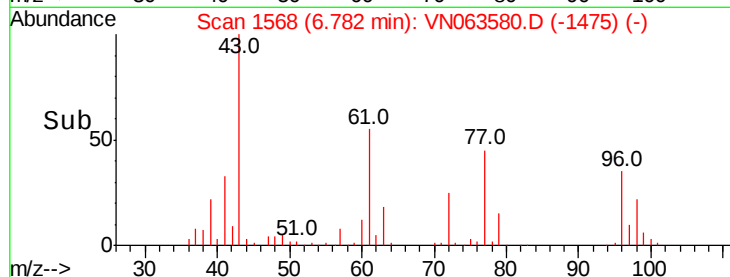
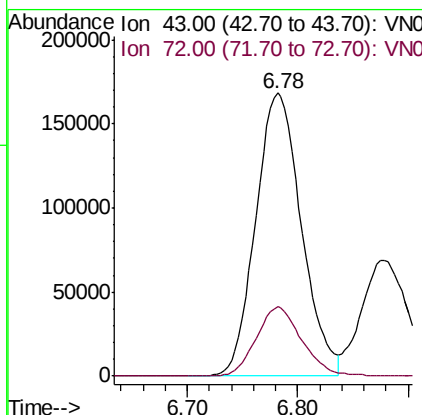
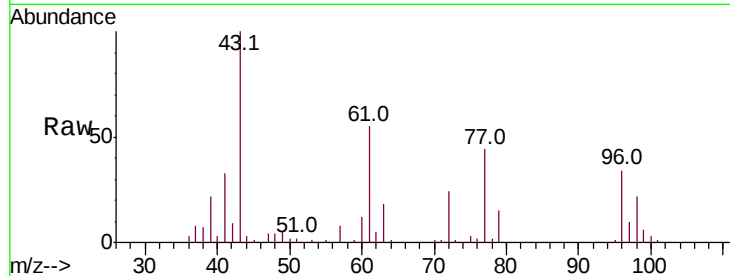




#25
2-Butanone
Concen: 223.583 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

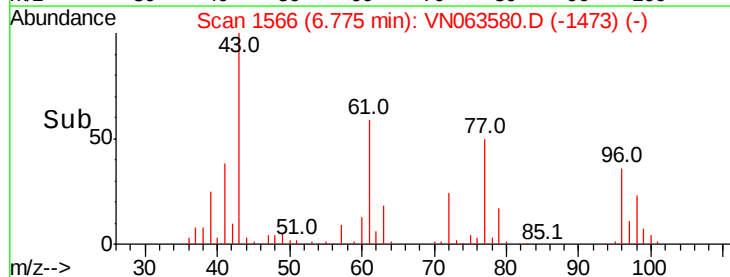
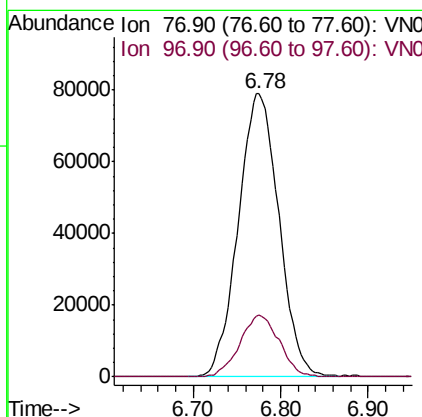
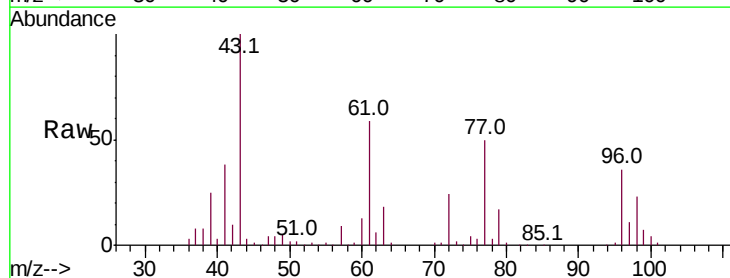
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

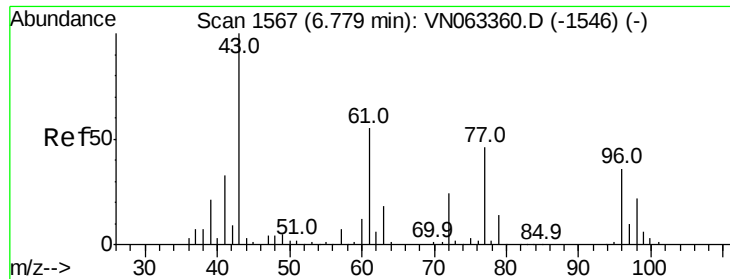
Tot Ion: 43 Resp: 481327
Ion Ratio Lower Upper
43 100
72 24.5 19.2 28.8



#26
2,2-Dichloropropane
Concen: 45.533 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion: 77 Resp: 254938
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 46.508 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

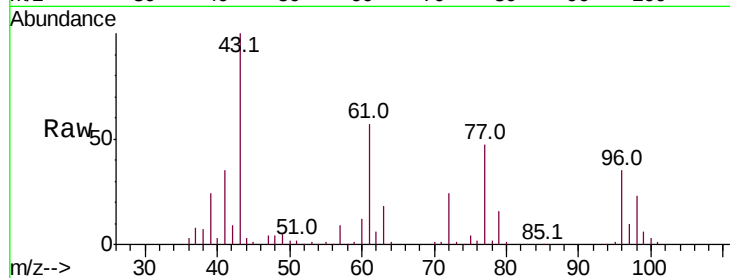
Tot Ion: 96 Resp: 168395

Ion Ratio Lower Upper

96 100

61 162.7 0.0 319.6

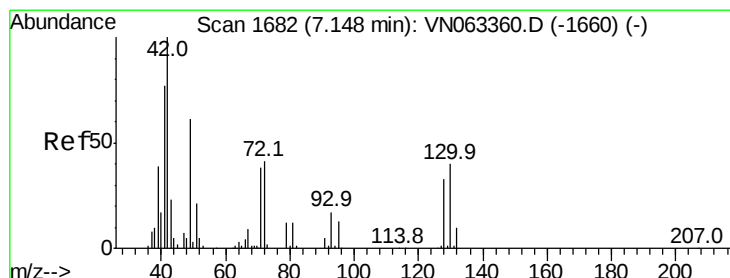
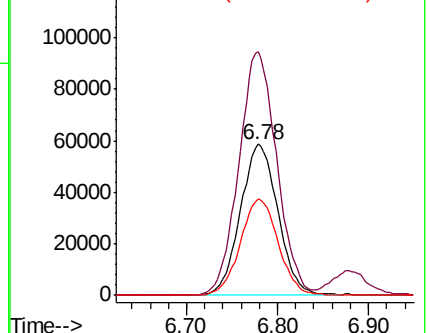
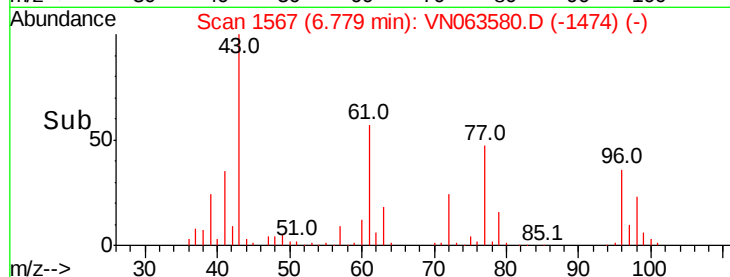
98 64.5 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1546) (-)



#28

Bromochloromethane

Concen: 44.207 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

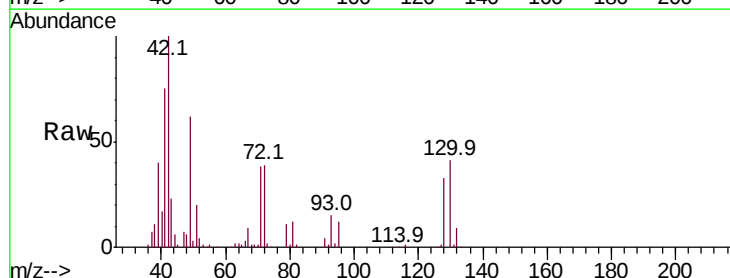
Tgt Ion: 49 Resp: 129801

Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.8

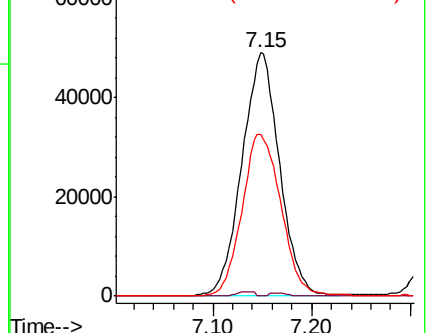
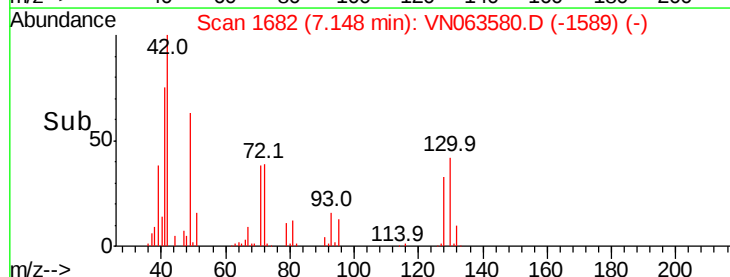
130 68.8 52.2 78.2

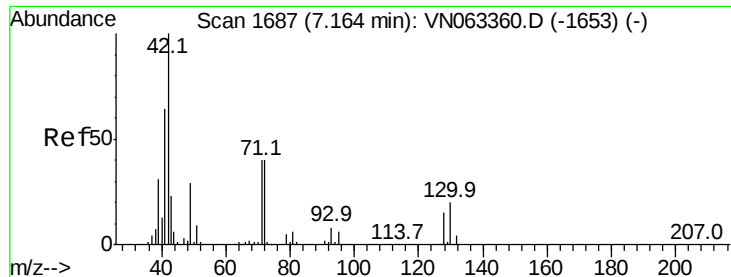


Abundance Ion 48.90 (48.60 to 49.60): VN063360.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063360.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063360.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 208.750 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

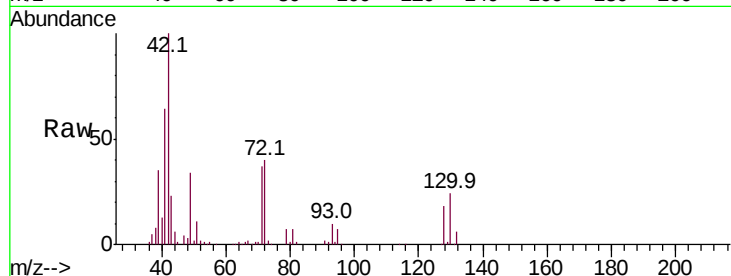
Tot Ion: 42 Resp: 306926

Ion Ratio Lower Upper

42 100

72 40.7 32.1 48.1

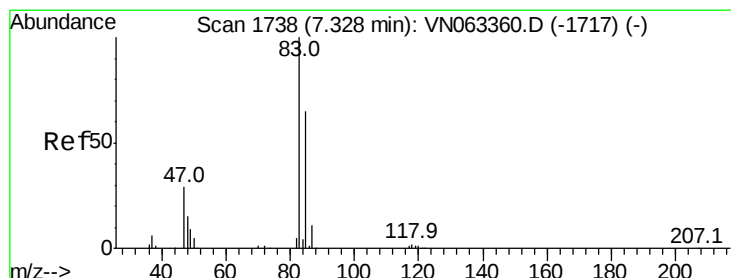
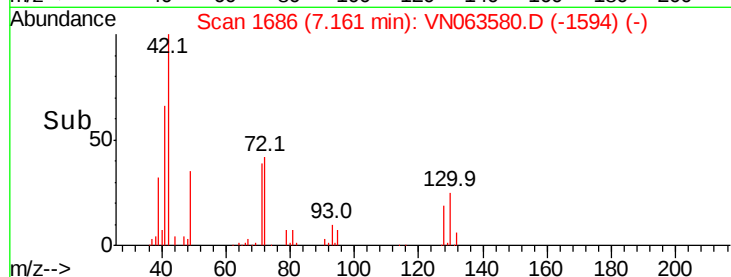
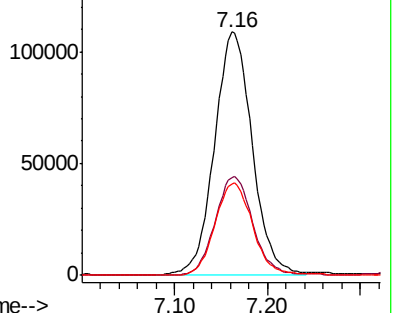
71 38.3 31.2 46.8



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: 47.544 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063580.D

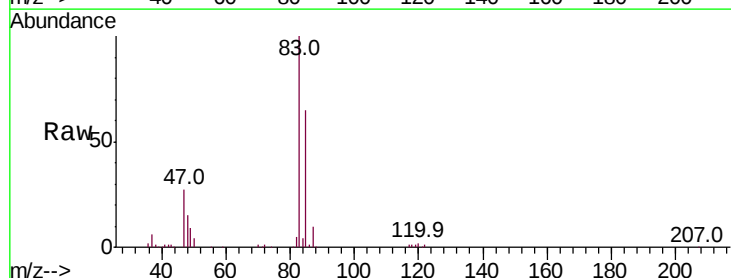
Acq: 23 Sep 2020 11:25

Tgt Ion: 83 Resp: 303340

Ion Ratio Lower Upper

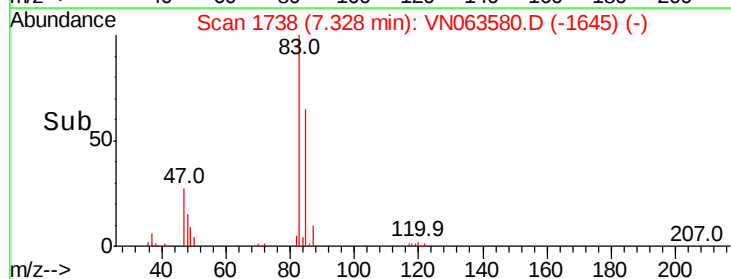
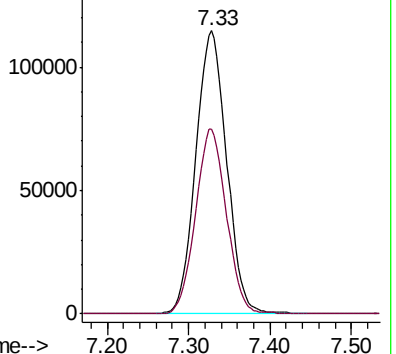
83 100

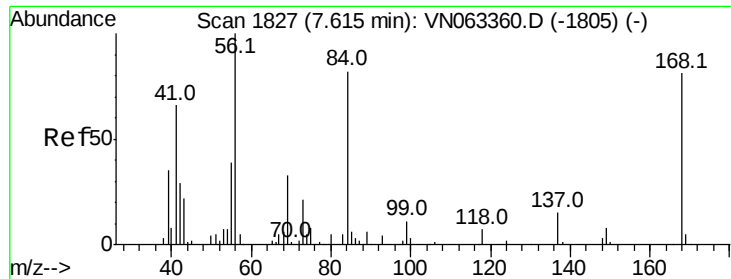
85 65.4 52.1 78.1



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

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

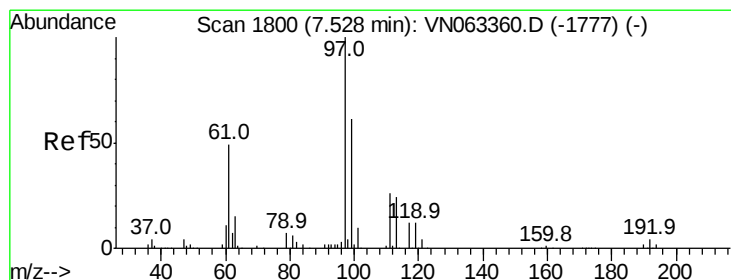
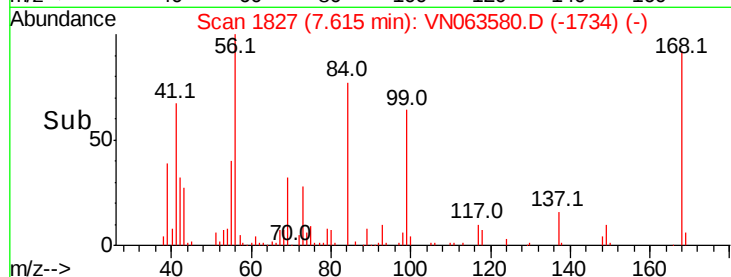
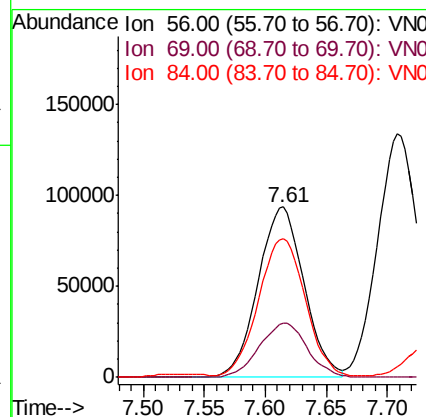
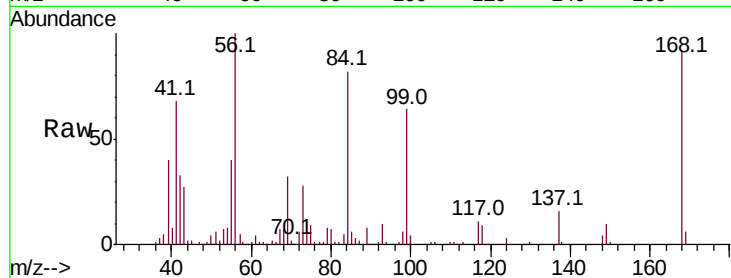




#31
Cyclohexane
Concen: 40.765 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

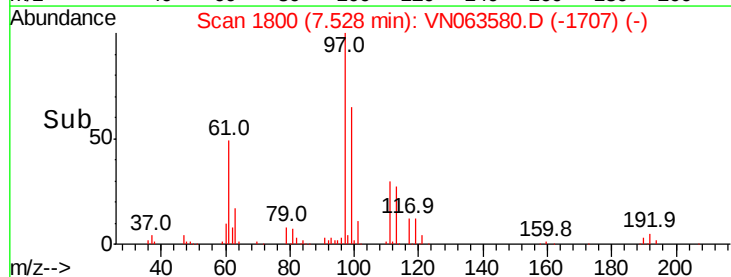
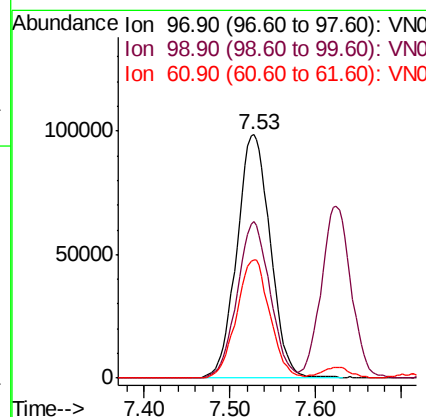
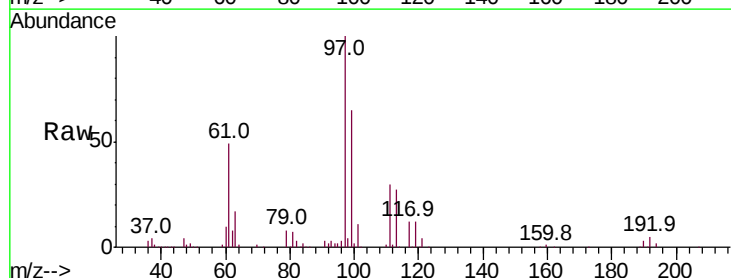
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

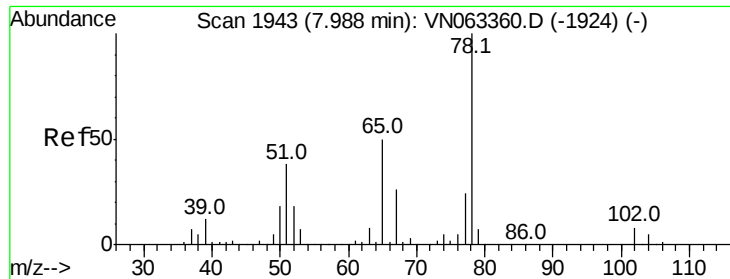
Tot Ion: 56 Resp: 245213
Ion Ratio Lower Upper
56 100
69 32.0 26.1 39.1
84 79.6 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 46.840 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion: 97 Resp: 265803
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 48.4 39.2 58.8

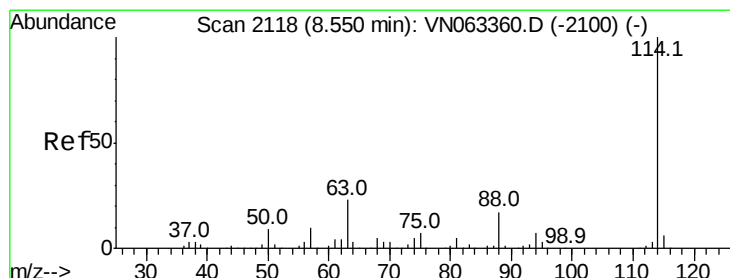
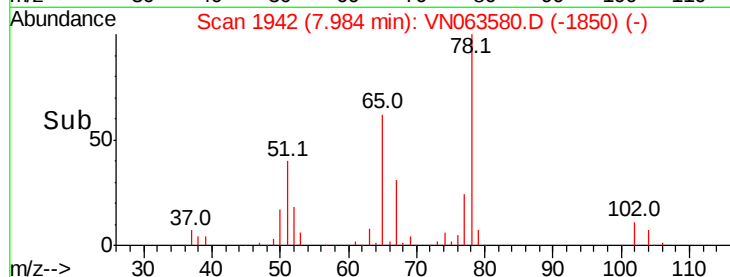
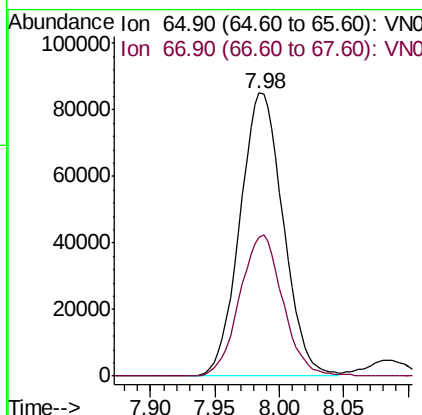
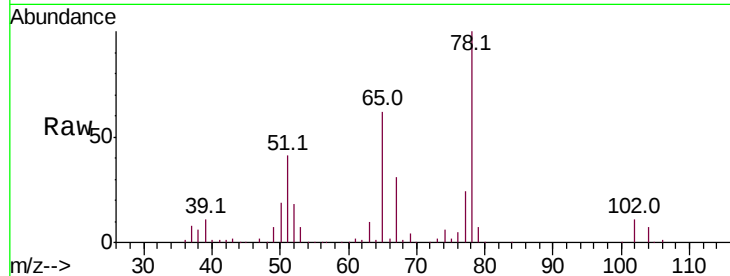




#33
 1,2-Dichloroethane-d4
 Concen: 45.658 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

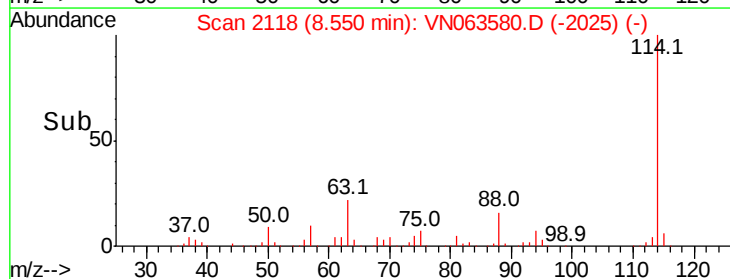
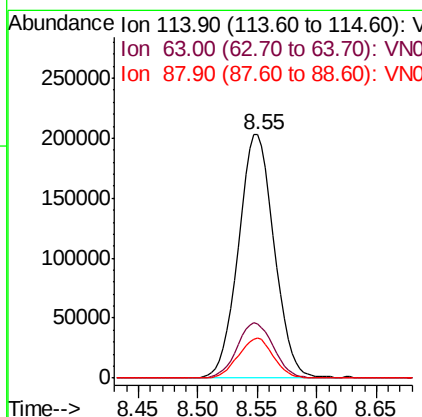
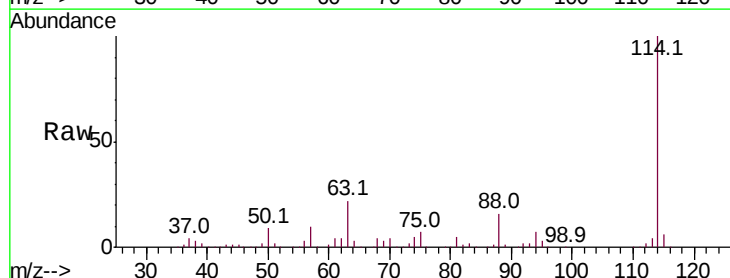
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

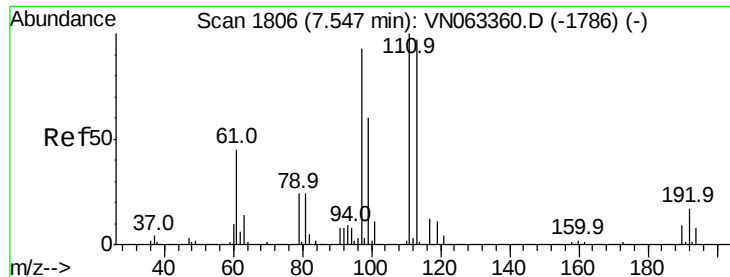
Tot Ion: 65 Resp: 198859
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion: 114 Resp: 423326
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.4
 88 16.2 0.0 33.2

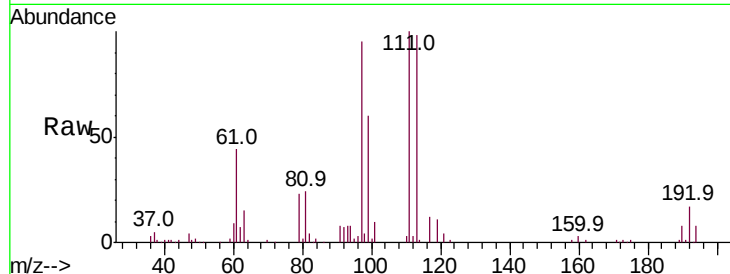




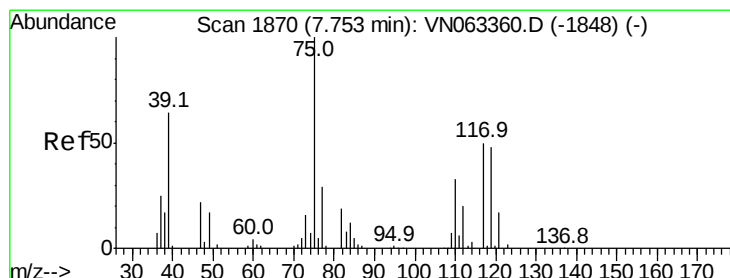
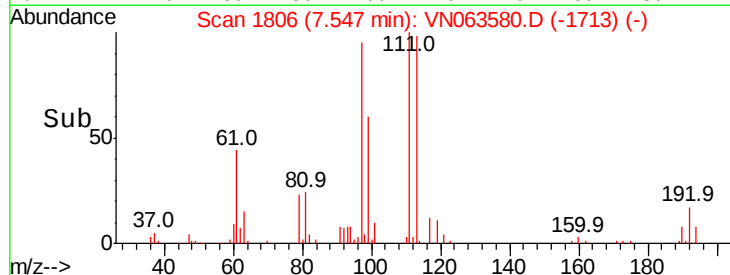
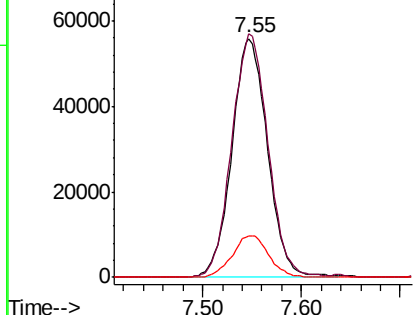
#35
 Dibromofluoromethane
 Concen: 47.837 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	17.8	13.9	20.9

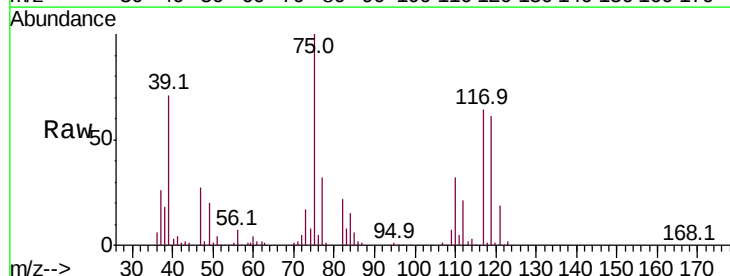


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

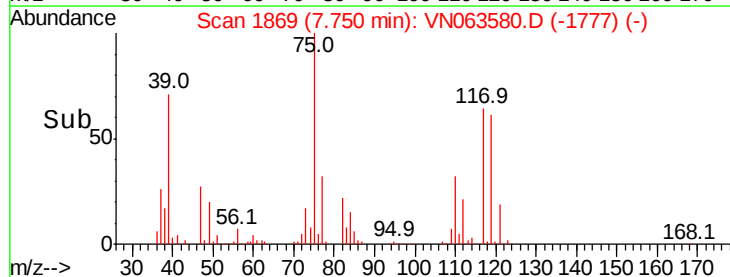
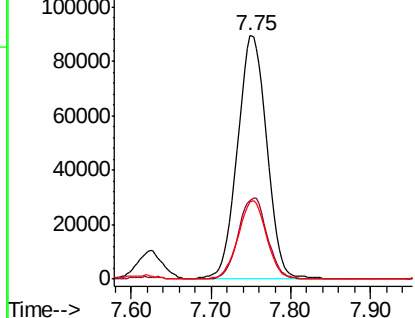


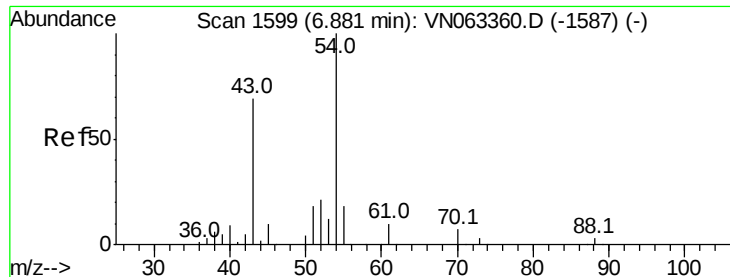
#36
 1,1-Dichloropropene
 Concen: 48.984 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.5	49.5
77	31.3	24.6	36.8



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

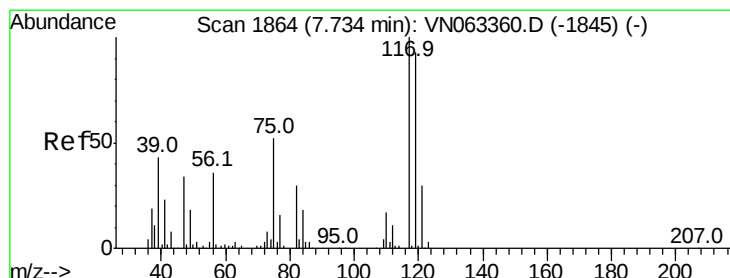
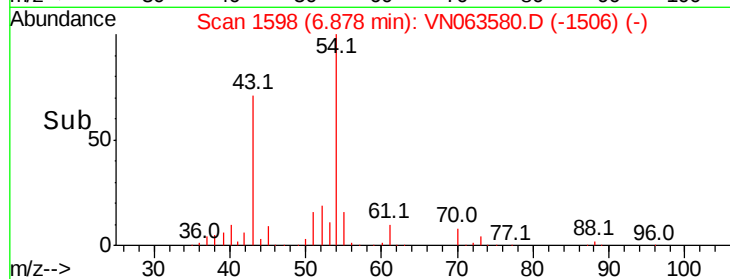
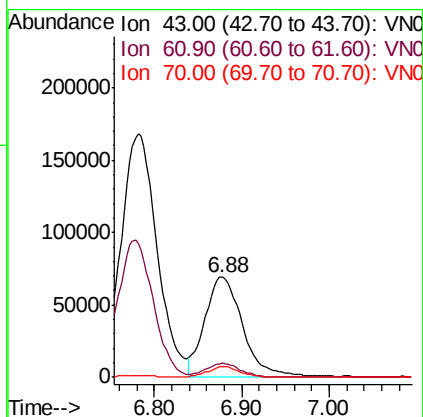
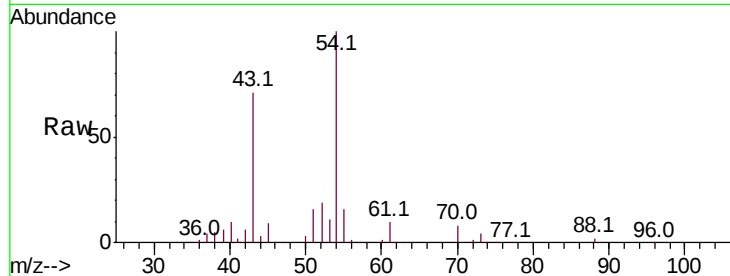




#37
Ethyl Acetate
Concen: 46.422 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

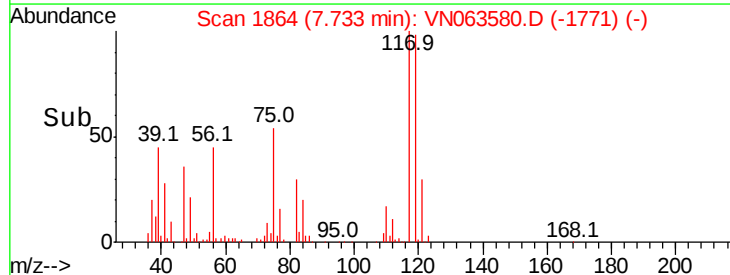
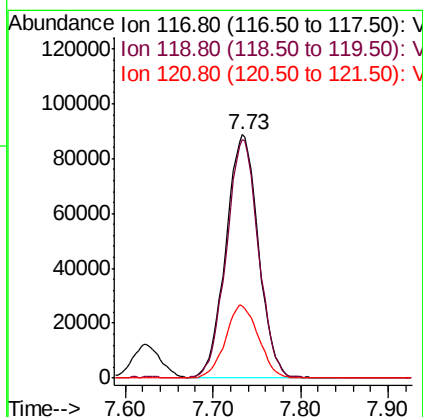
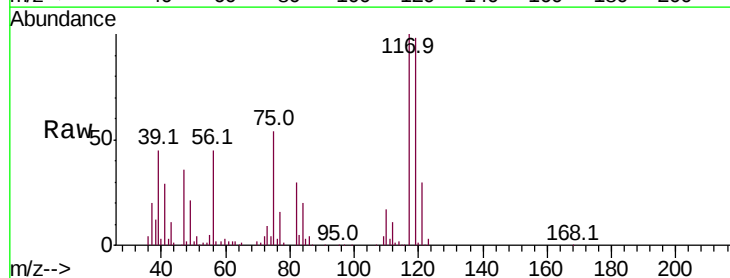
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

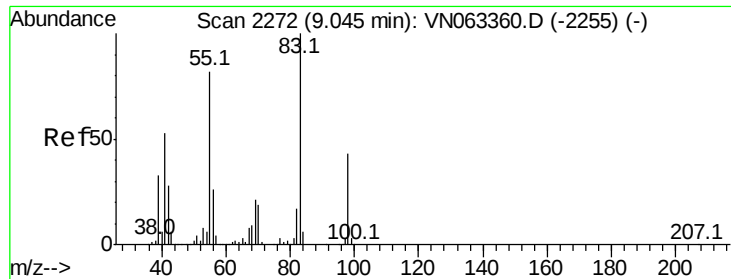
Tot Ion: 43 Resp: 205478
Ion Ratio Lower Upper
43 100
61 12.0 10.6 15.8
70 9.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 49.791 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion: 117 Resp: 229227
Ion Ratio Lower Upper
117 100
119 97.7 74.5 111.7
121 29.7 24.1 36.1

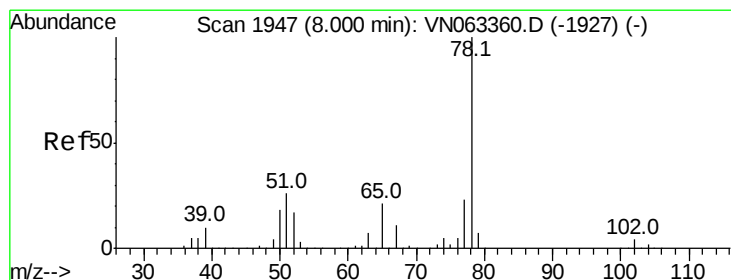
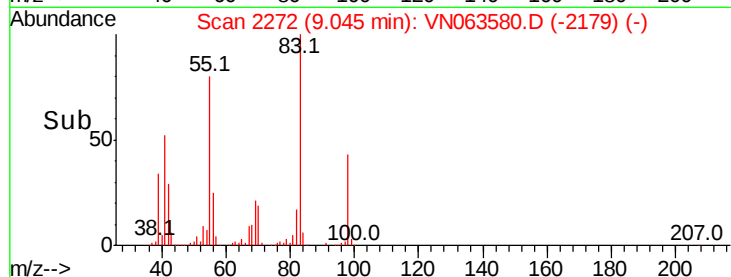
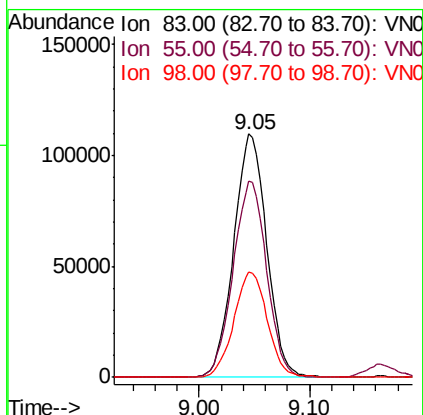
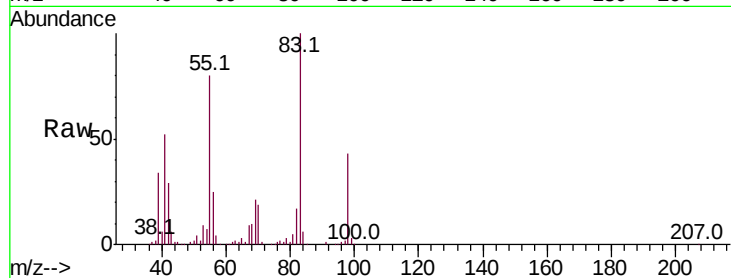




#39
Methvlcvclohexane
Concen: 46.497 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

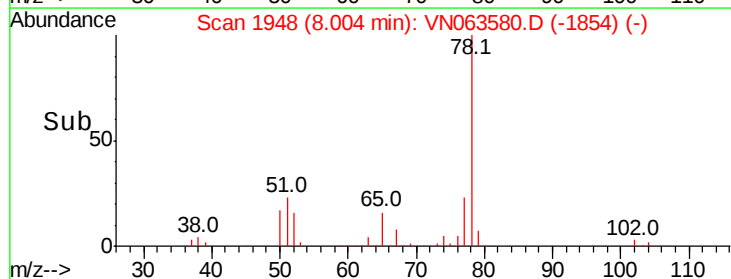
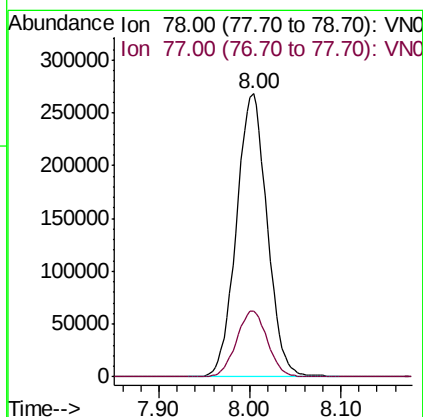
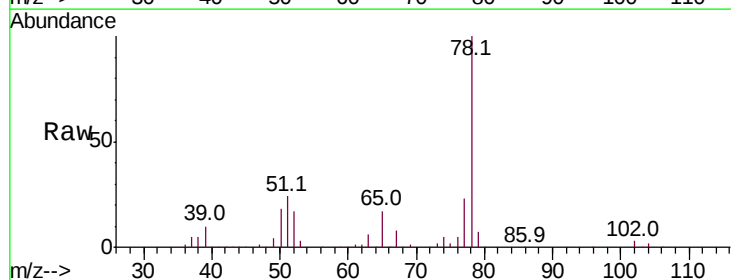
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

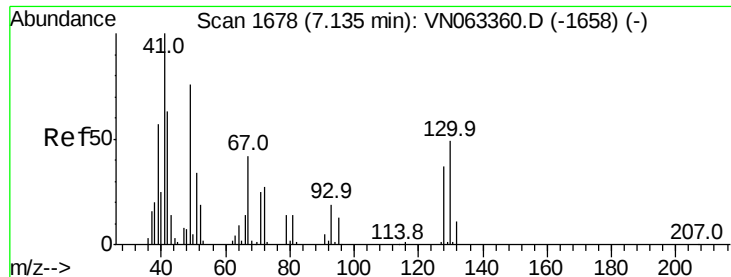
Tot Ion: 83 Resp: 227590
Ion Ratio Lower Upper
83 100
55 80.4 65.5 98.3
98 43.3 34.2 51.4



#40
Benzene
Concen: 48.865 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion: 78 Resp: 629096
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5

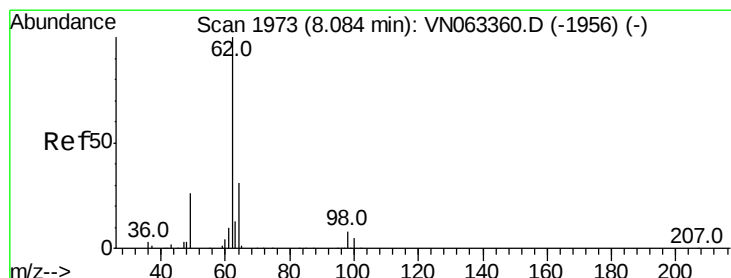
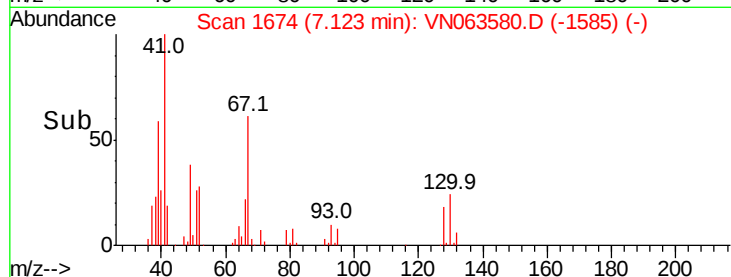
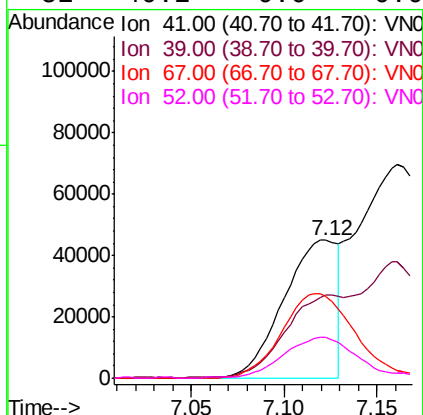
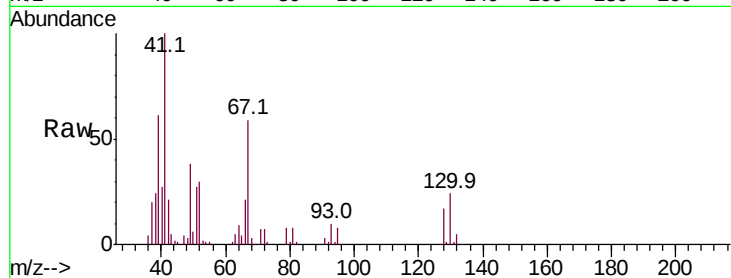




#41
Methacrylonitrile
Concen: 45.982 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

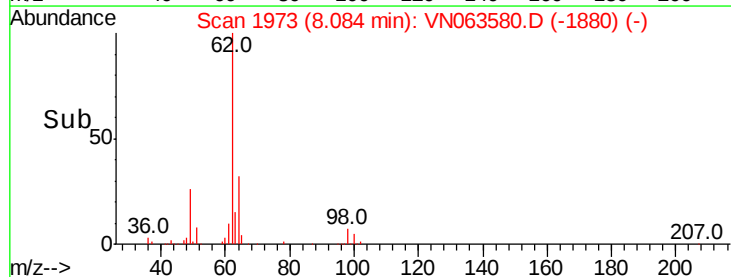
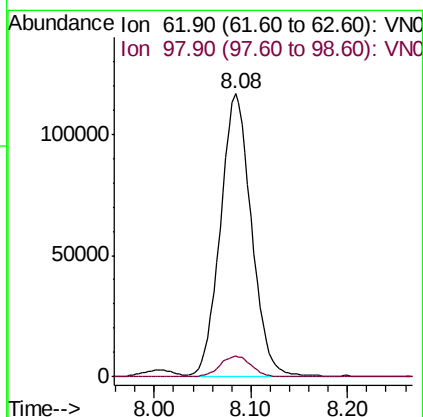
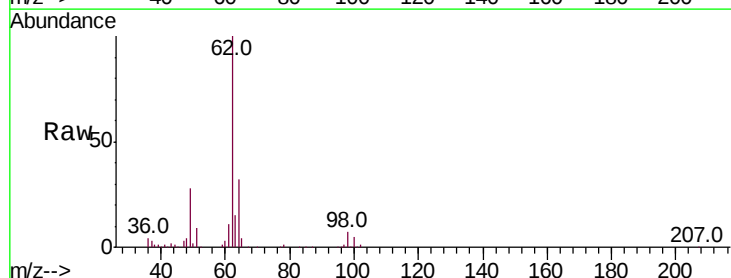
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

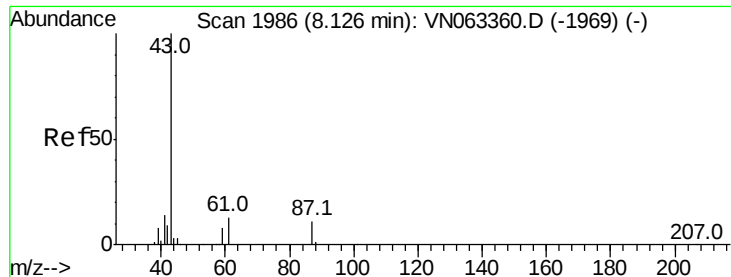
Tot Ion:	41	Resp:	91541
Ion	Ratio	Lower	Upper
41	100		
39	63.6	0.0	0.0#
67	83.0	0.0	0.0#
52	40.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 50.056 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion:	62	Resp:	259157
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 45.518 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

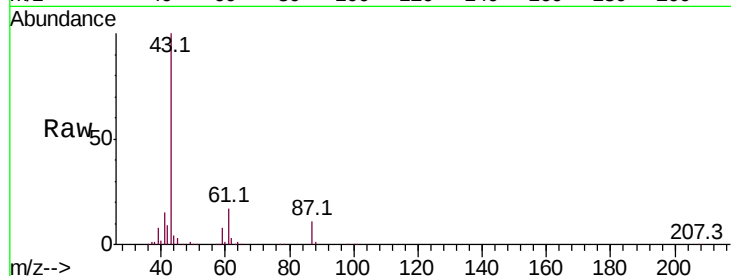
Tot Ion: 43 Resp: 360263

Ion Ratio Lower Upper

43 100

61 25.2 14.2 21.2#

87 11.6 9.0 13.6

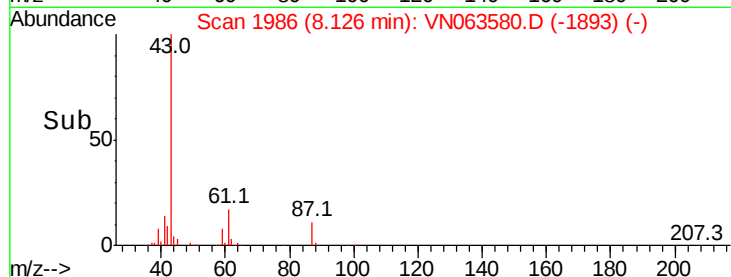


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

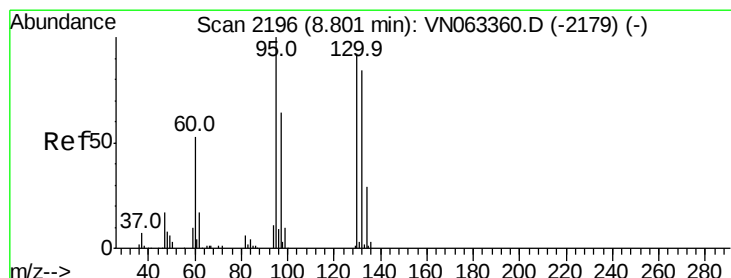
Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

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

8.13



Time-->



#44

Trichloroethene

Concen: 50.100 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063580.D

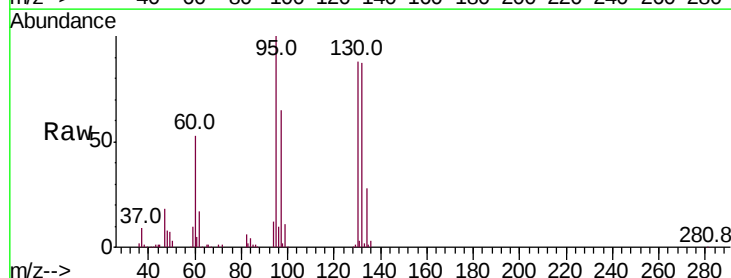
Acq: 23 Sep 2020 11:25

Tgt Ion:130 Resp: 156442

Ion Ratio Lower Upper

130 100

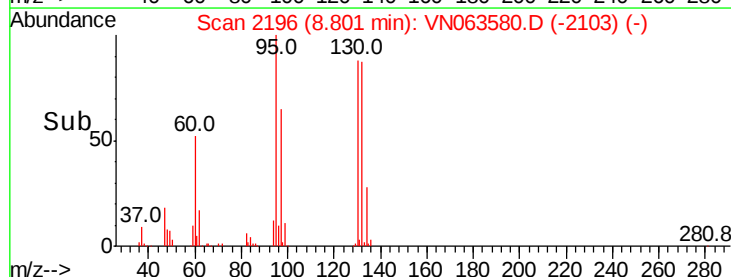
95 113.8 0.0 217.4



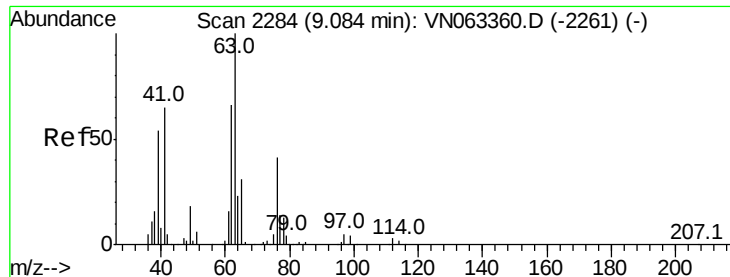
Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

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

8.80



Time-->



#45

1,2-Dichloropropane

Concen: 49.156 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

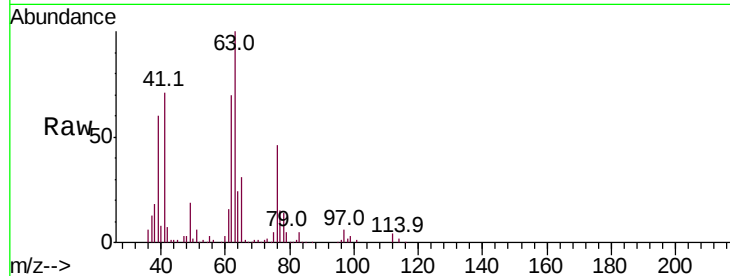
VSTDCCC050

Tot Ion: 63 Resp: 172361

Ion Ratio Lower Upper

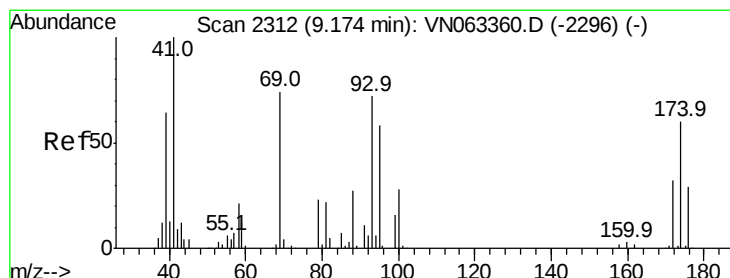
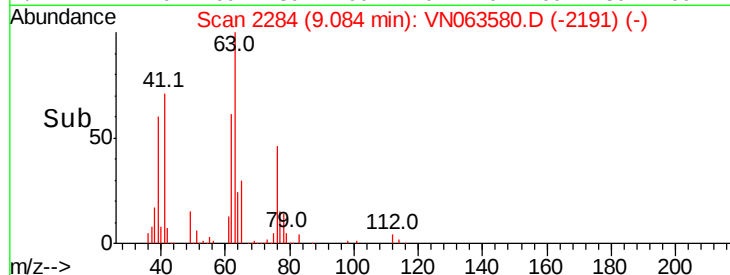
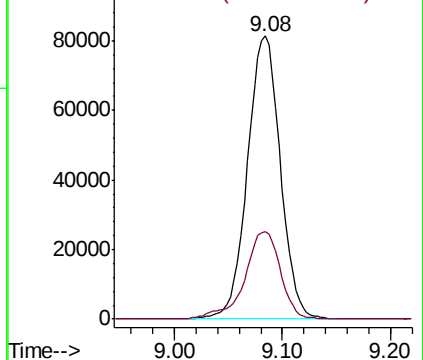
63 100

65 30.7 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: 50.154 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

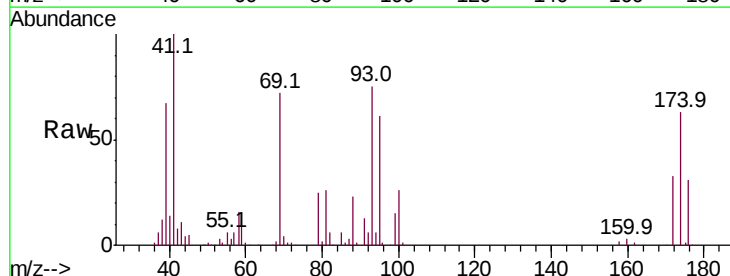
Tgt Ion: 93 Resp: 115584

Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

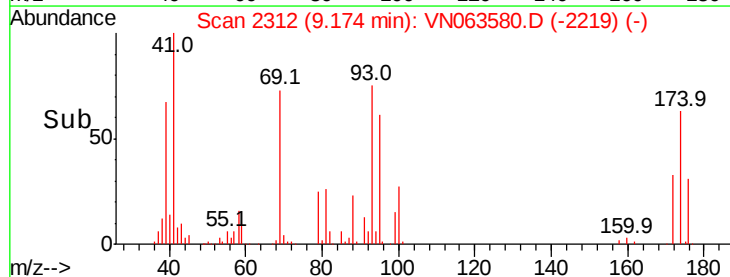
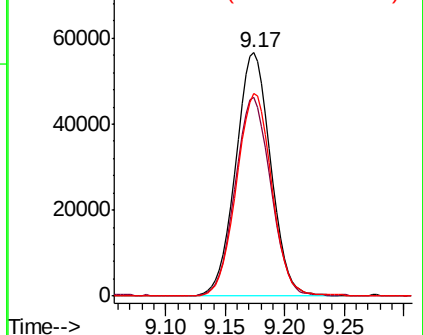
174 84.2 68.1 102.1

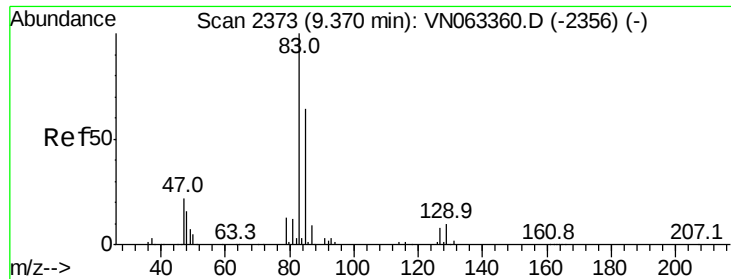


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.420 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

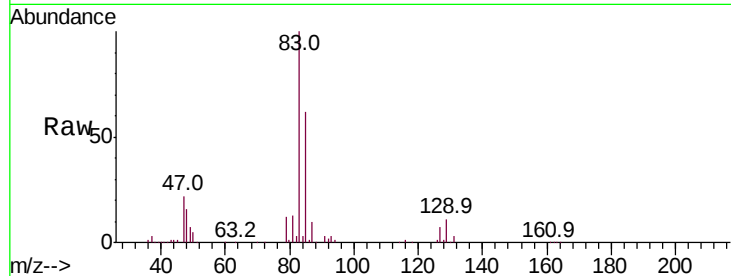
Tot Ion: 83 Resp: 241399

Ion Ratio Lower Upper

83 100

85 62.3 51.0 76.6

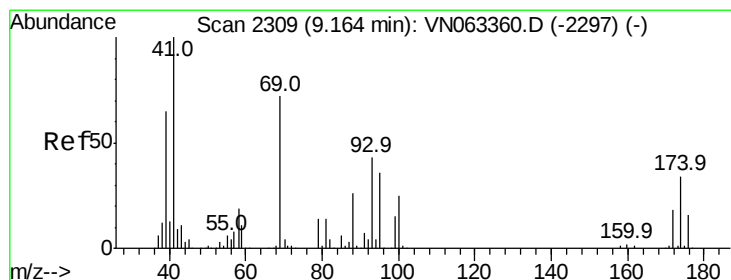
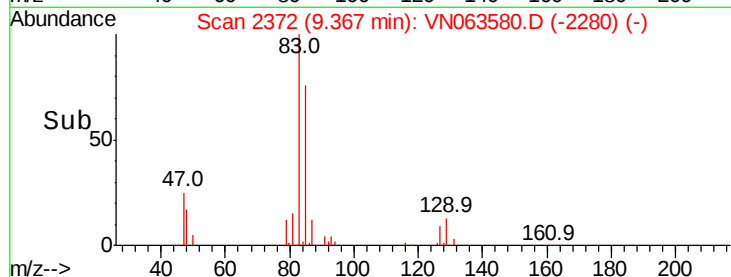
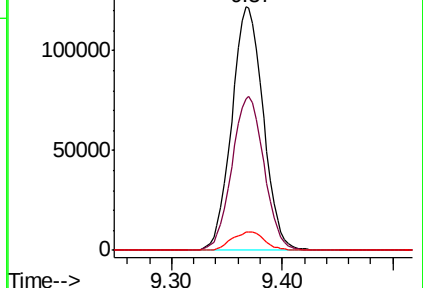
127 7.3 6.3 9.5



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

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

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



#48

Methyl methacrylate

Concen: 45.917 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

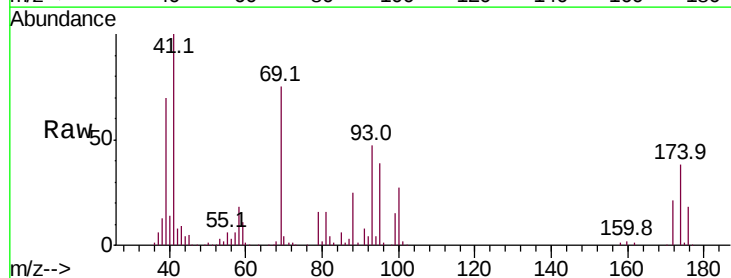
Tgt Ion: 41 Resp: 178549

Ion Ratio Lower Upper

41 100

69 75.9 59.3 88.9

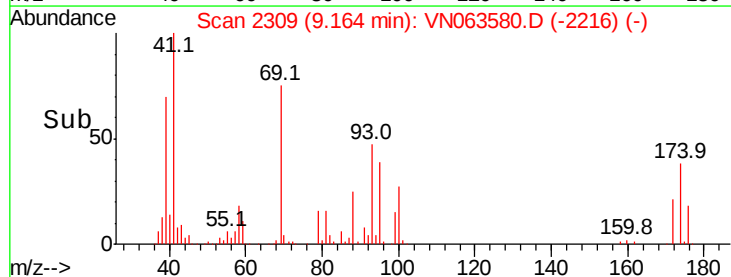
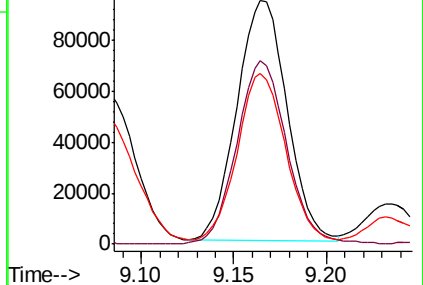
39 66.2 52.9 79.3

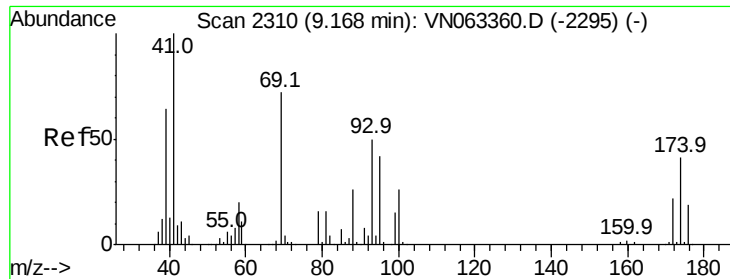


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

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

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





#49

1,4-Dioxane

Concen: 859.757 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

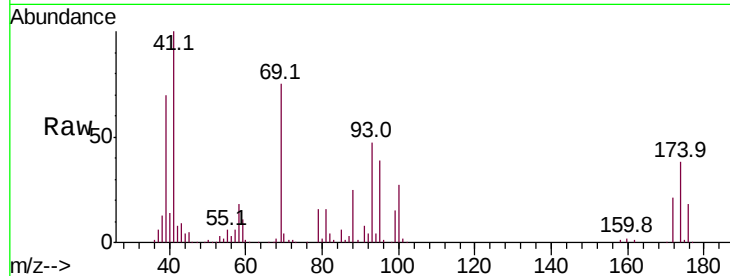
Tot Ion: 88 Resp: 47977

Ion Ratio Lower Upper

88 100

43 38.5 32.6 49.0

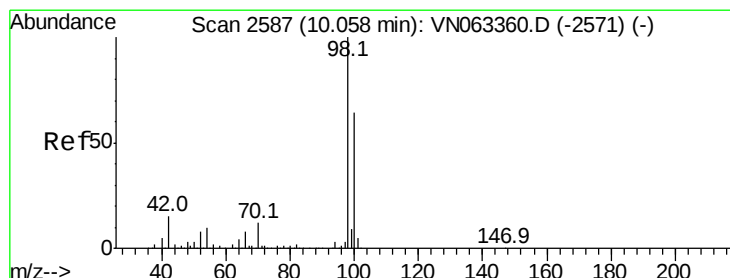
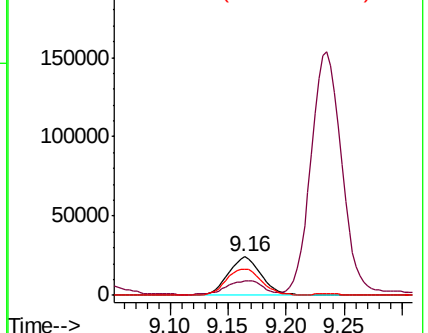
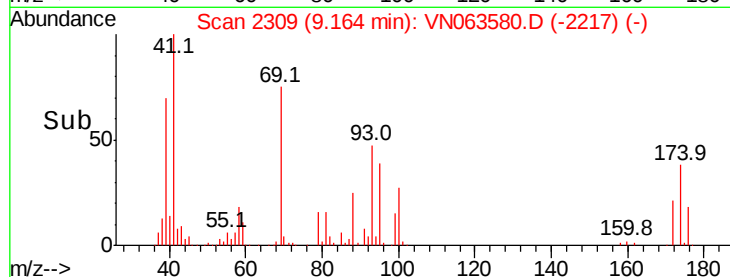
58 73.5 60.0 90.0



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: 48.193 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063580.D

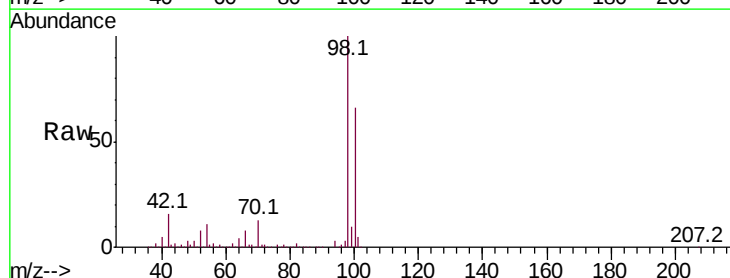
Acq: 23 Sep 2020 11:25

Tgt Ion: 98 Resp: 531064

Ion Ratio Lower Upper

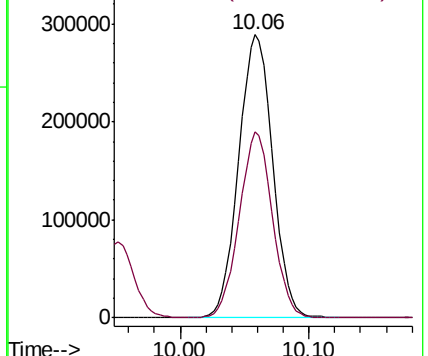
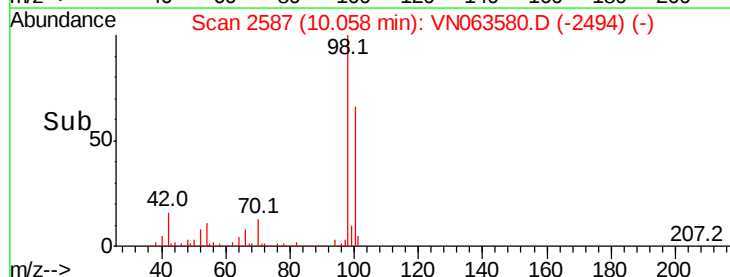
98 100

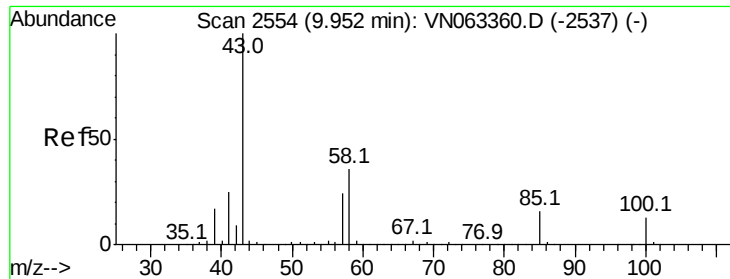
100 63.9 50.7 76.1



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: 239.258 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

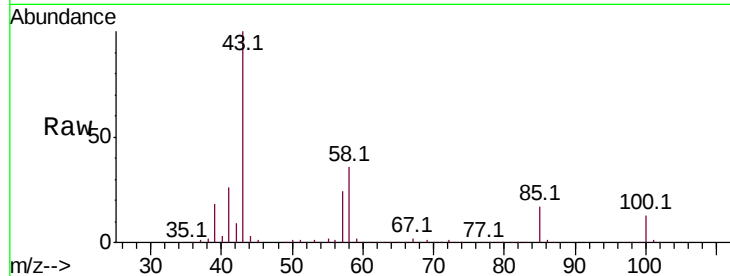
VSTDCCC050

Tot Ion: 43 Resp: 1060133

Ion Ratio Lower Upper

43 100

58 35.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)

9.95

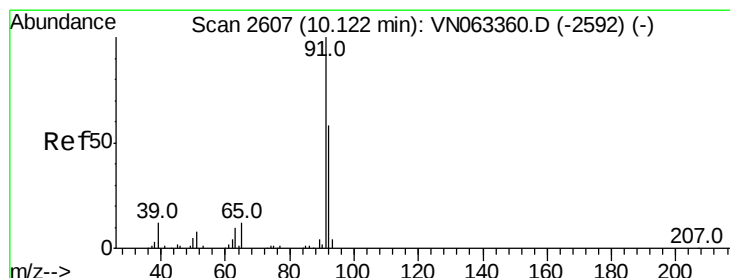
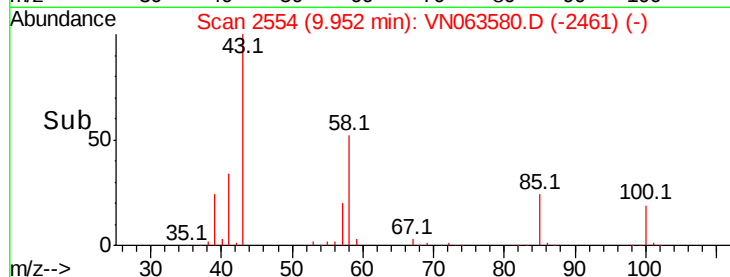
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.509 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063580.D

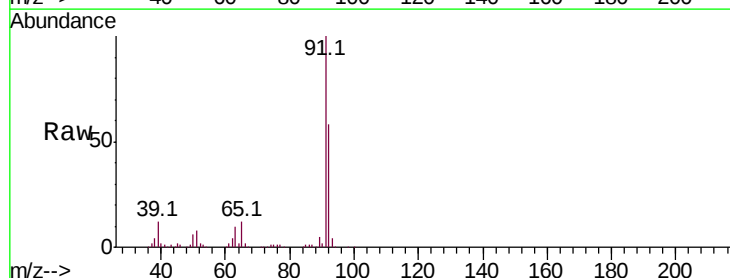
Acq: 23 Sep 2020 11:25

Tgt Ion: 92 Resp: 398702

Ion Ratio Lower Upper

92 100

91 173.6 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

10.12

400000

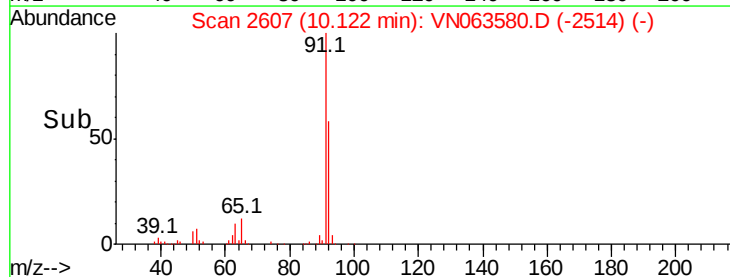
300000

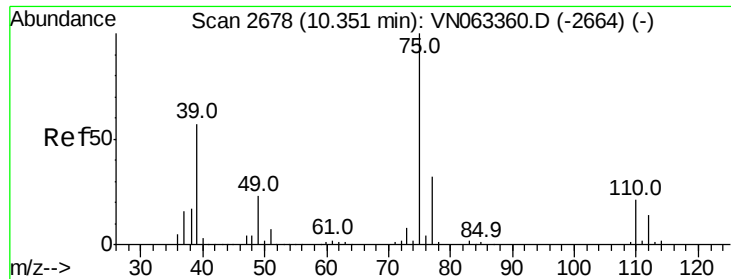
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.001 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

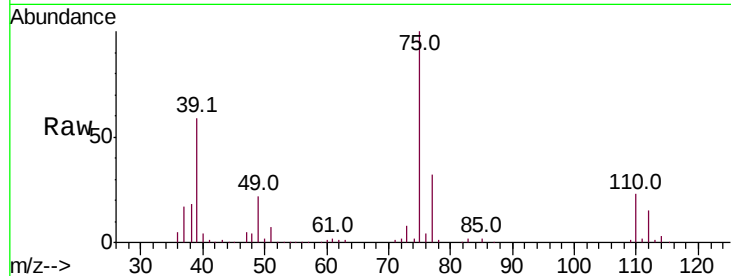
VSTDCCC050

Tot Ion: 75 Resp: 261908

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

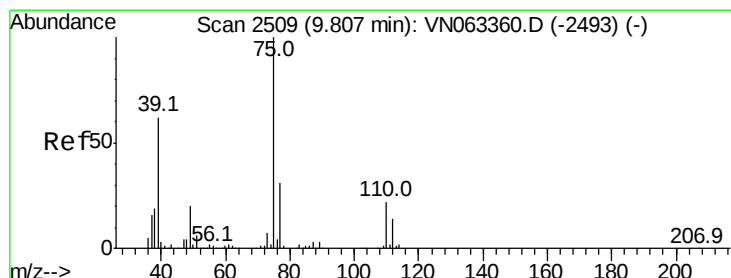
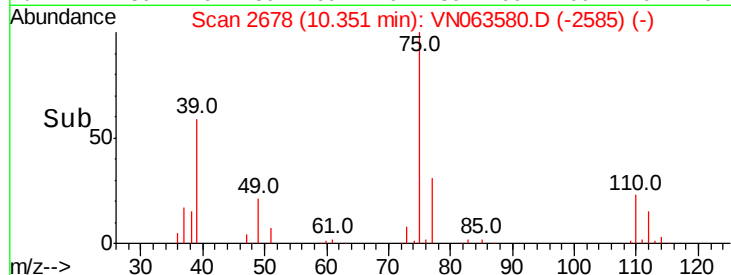
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.922 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

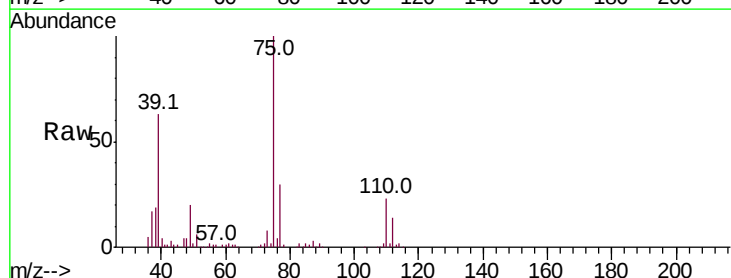
Tgt Ion: 75 Resp: 281451

Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 63.3 49.8 74.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

200000

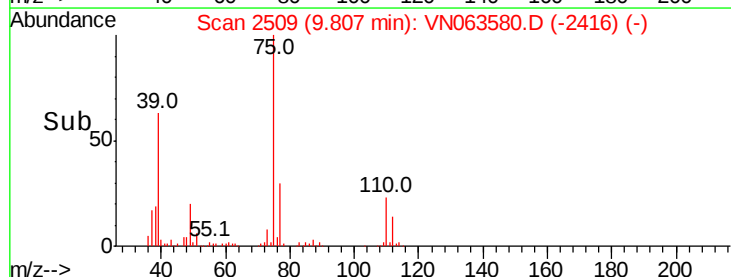
150000

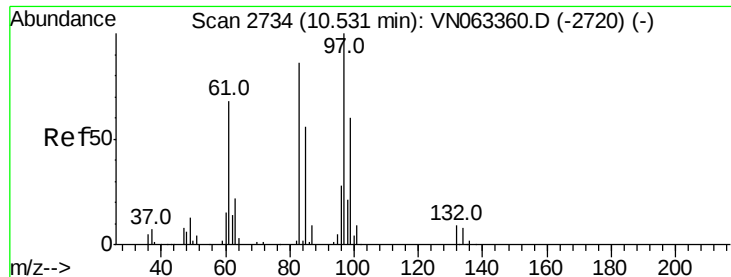
100000

50000

0

Time-->

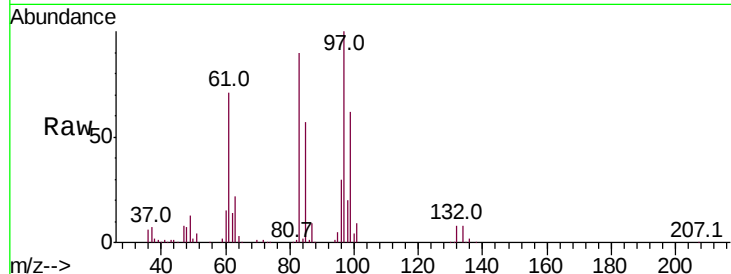




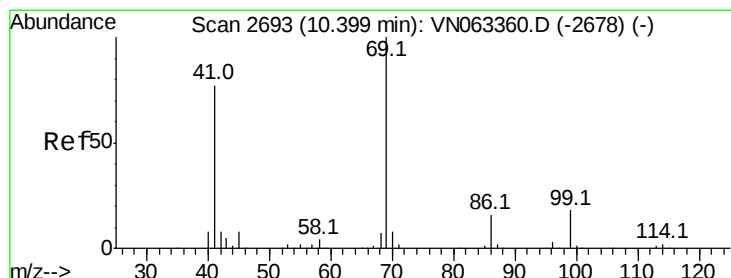
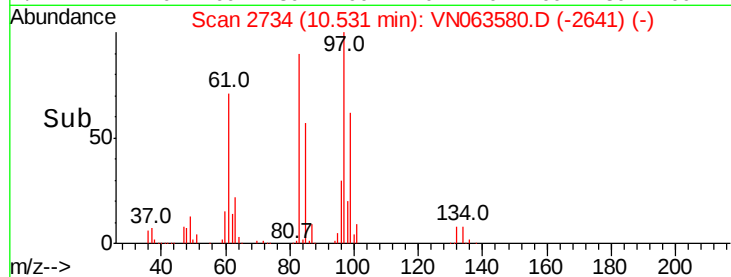
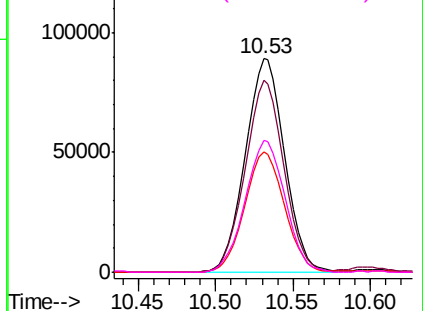
#55
 1,1,2-Trichloroethane
 Concen: 51.384 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	157981
Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.9	103.3
85	56.5	44.8	67.2
99	61.6	47.8	71.8

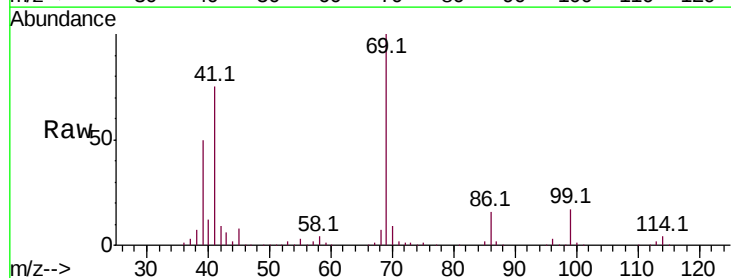


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

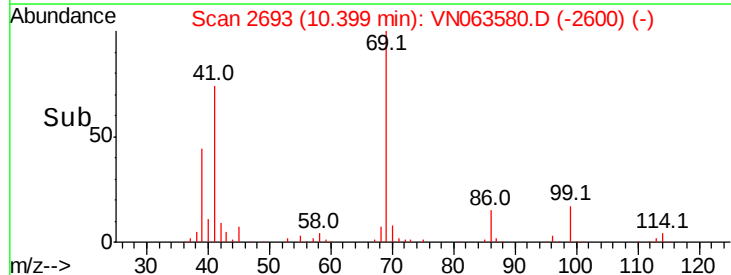
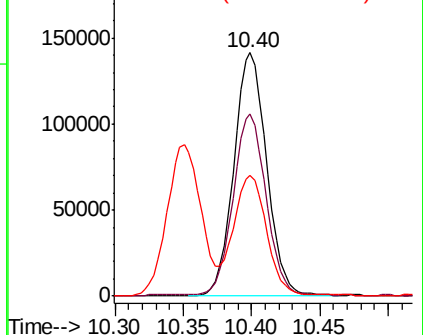


#56
 Ethyl methacrylate
 Concen: 49.340 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion:	69	Resp:	236818
Ion	Ratio	Lower	Upper
69	100		
41	74.1	61.0	91.6
39	48.8	39.2	58.8



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





#57

1,3-Dichloropropane

Concen: 48.699 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

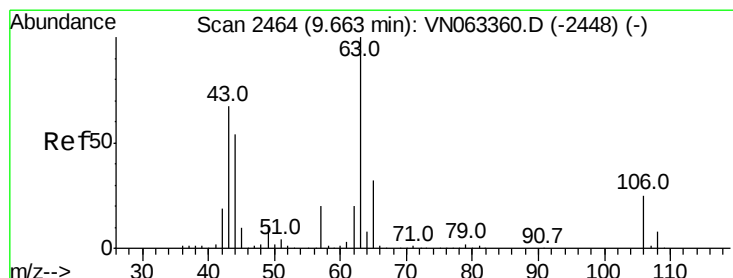
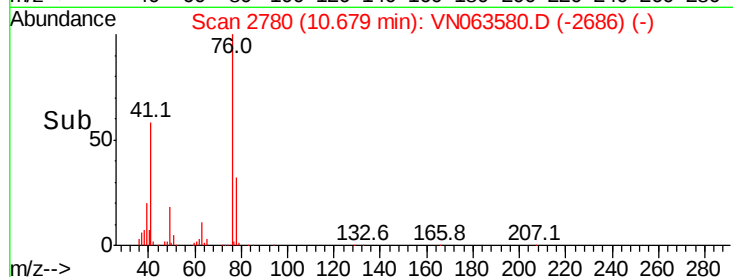
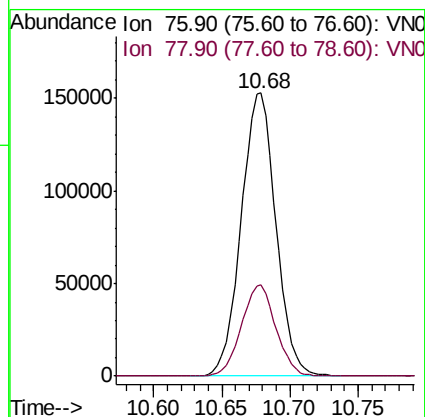
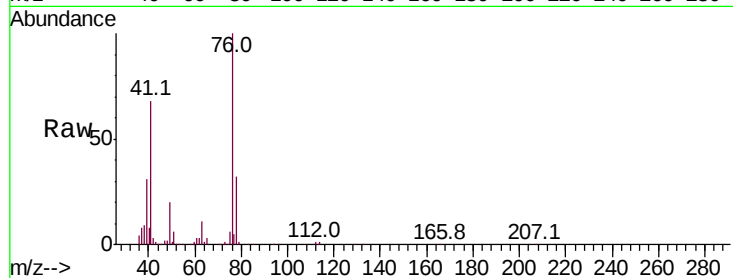
VSTDCCC050

Tot Ion: 76 Resp: 270008

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 243.243 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063580.D

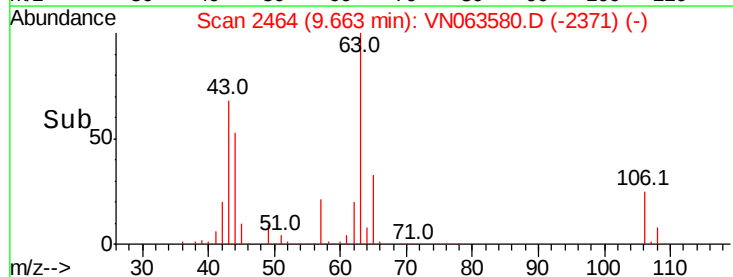
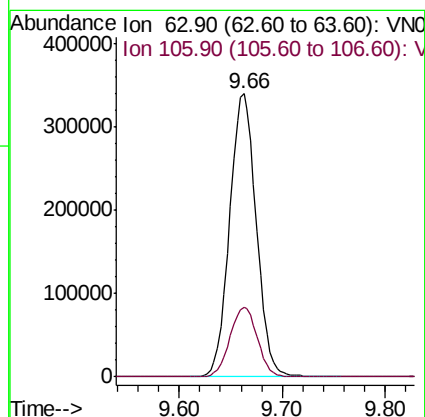
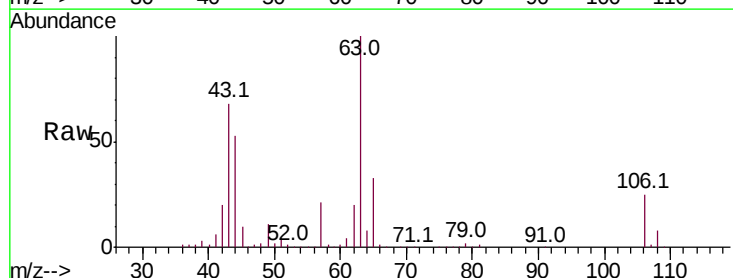
Acq: 23 Sep 2020 11:25

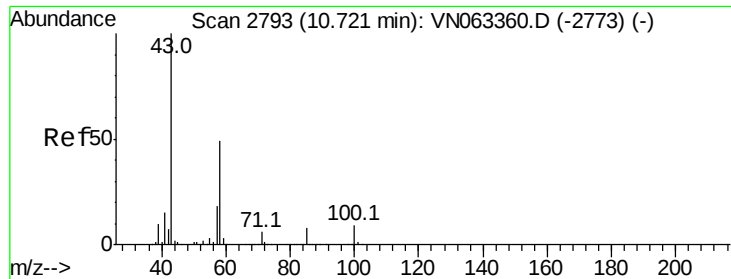
Tgt Ion: 63 Resp: 612445

Ion Ratio Lower Upper

63 100

106 25.3 19.5 29.3

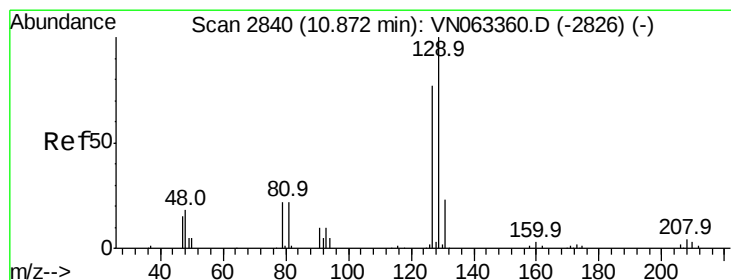
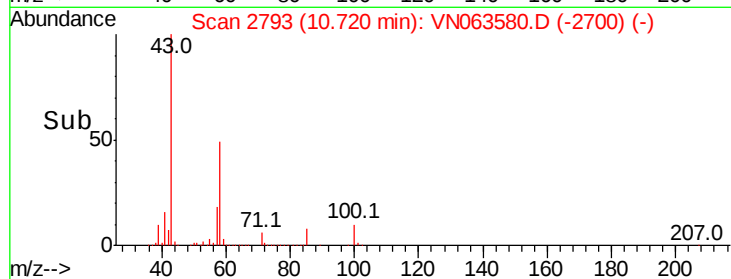
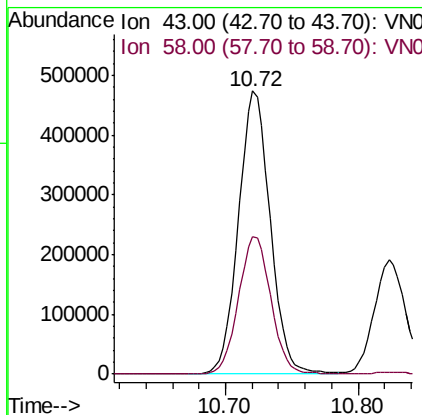
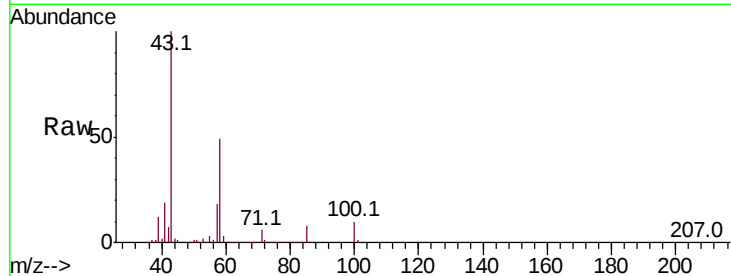




#59
2-Hexanone
Concen: 244.941 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

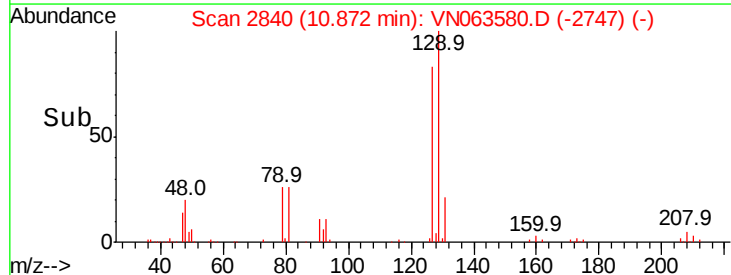
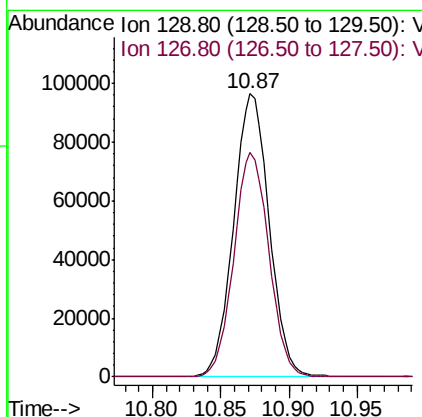
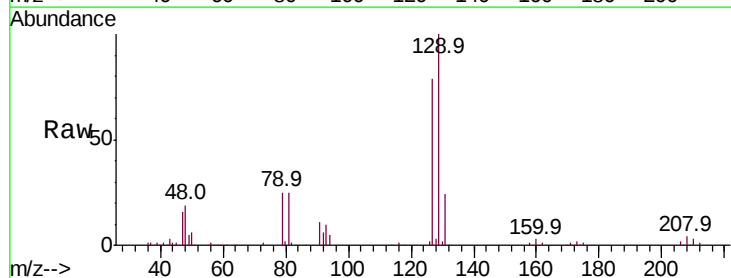
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

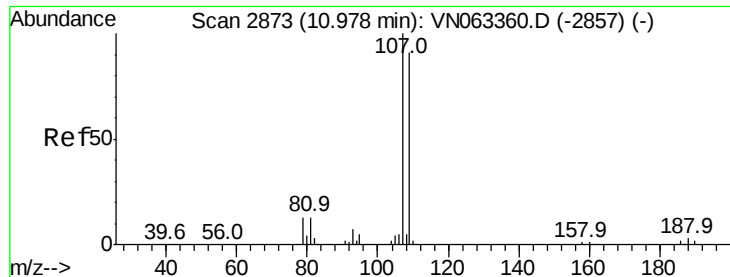
Tot Ion: 43 Resp: 786281
Ion Ratio Lower Upper
43 100
58 49.9 24.7 74.1



#60
Dibromochloromethane
Concen: 50.284 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion: 129 Resp: 174657
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





#61

1,2-Dibromoethane

Concen: 50.874 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

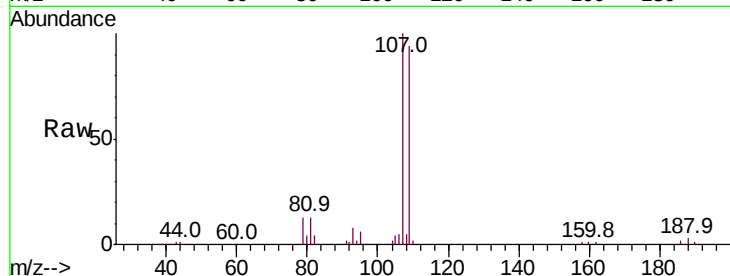
VSTDCCC050

Tot Ion: 107 Resp: 162504

Ion Ratio Lower Upper

107 100

109 94.3 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

80000

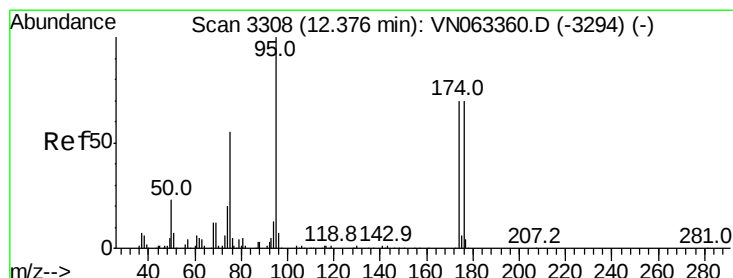
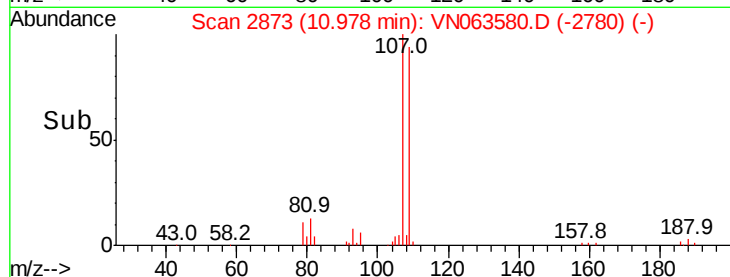
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.374 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

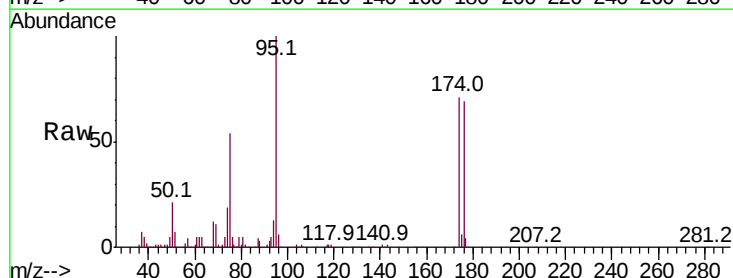
Tgt Ion: 95 Resp: 207529

Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.8

176 69.3 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

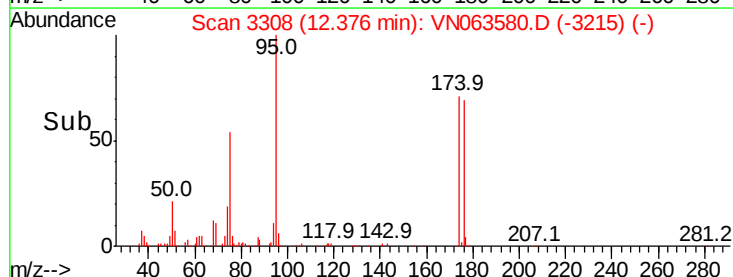
150000

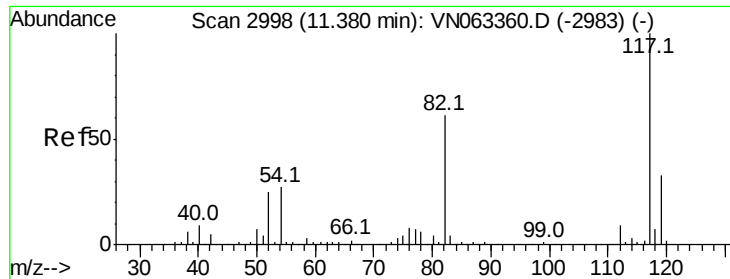
100000

50000

0

Time-->

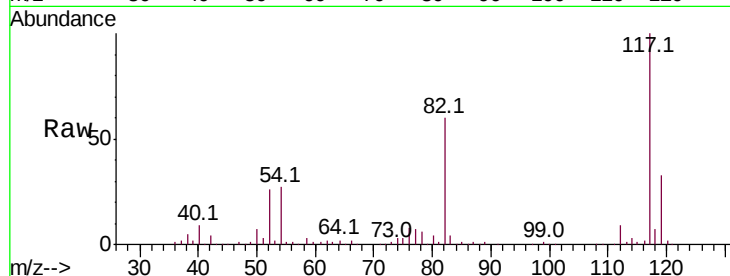




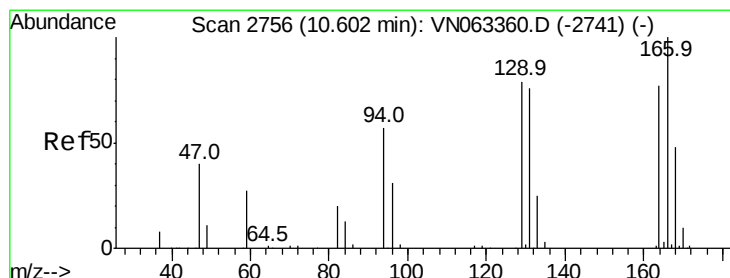
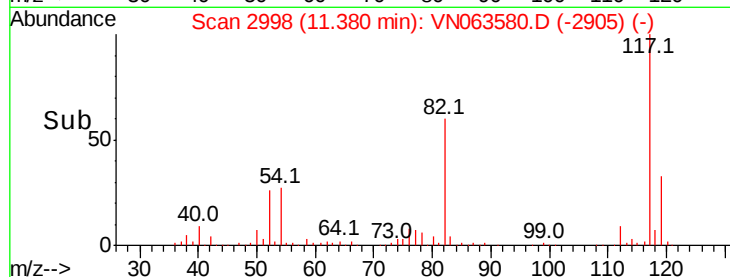
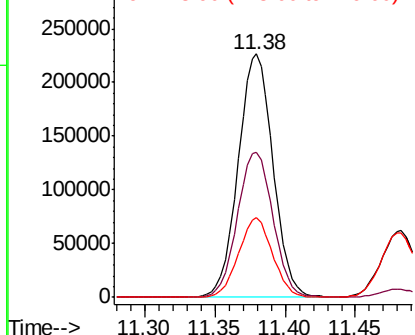
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 392239
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 32.6 26.2 39.4

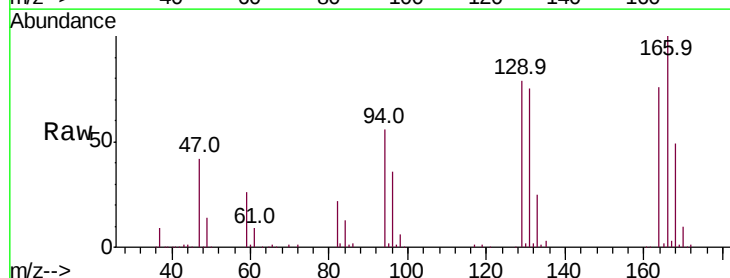


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

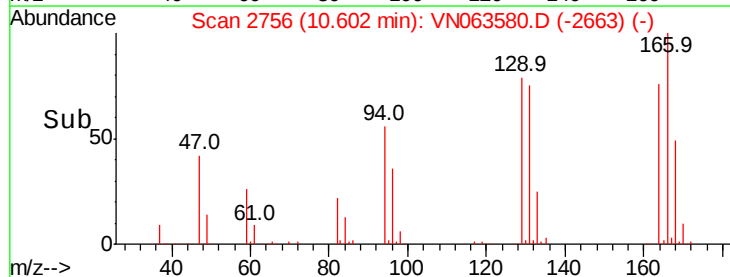
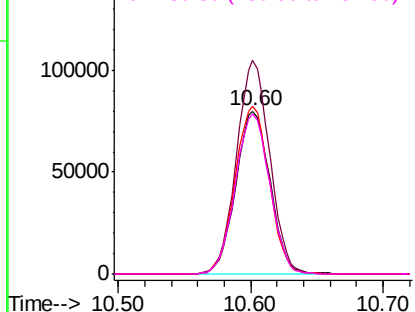


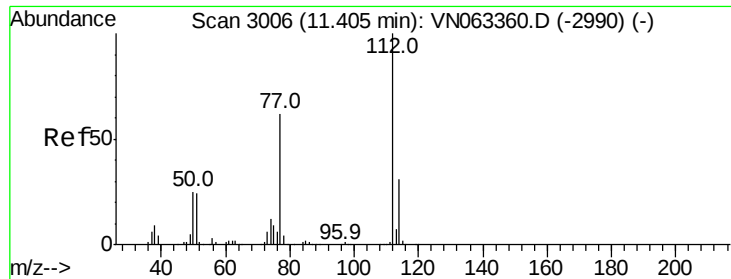
#64
Tetrachloroethene
Concen: 53.869 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion:164 Resp: 143877
Ion Ratio Lower Upper
164 100
166 131.2 103.4 155.0
129 103.2 81.8 122.6
131 98.4 78.2 117.4



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

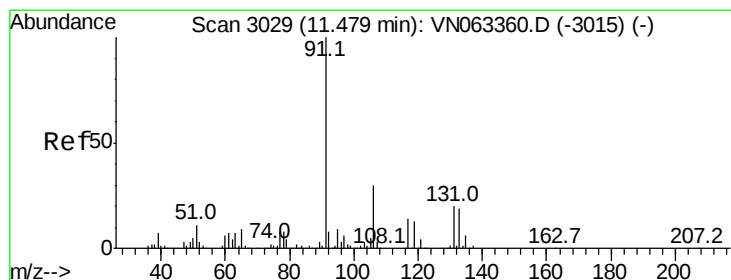
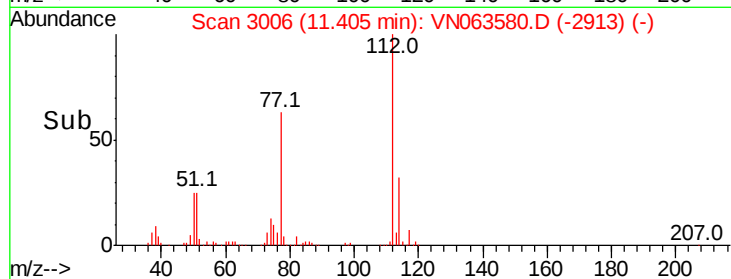
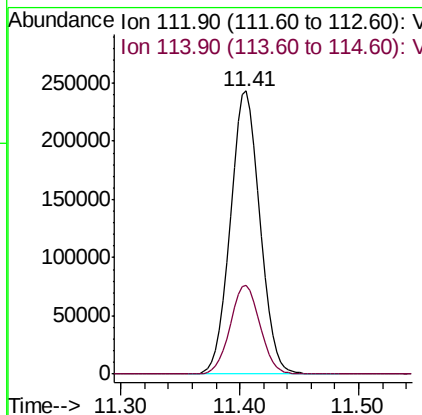
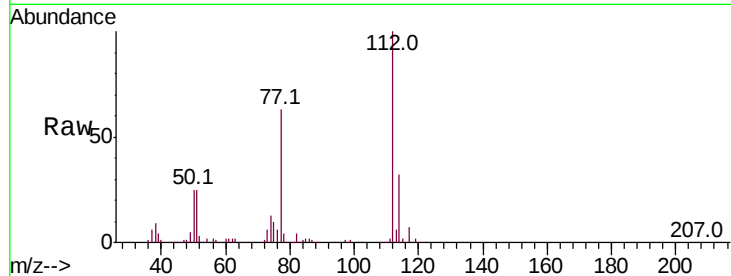




#65
Chlorobenzene
Concen: 50.252 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

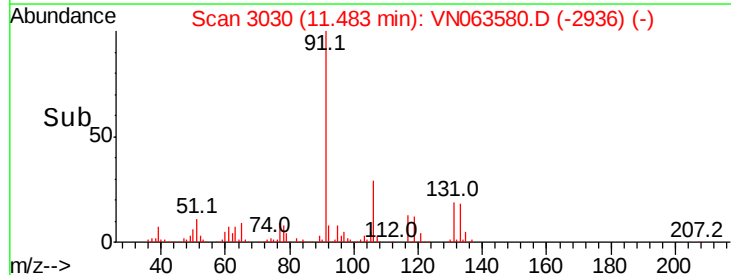
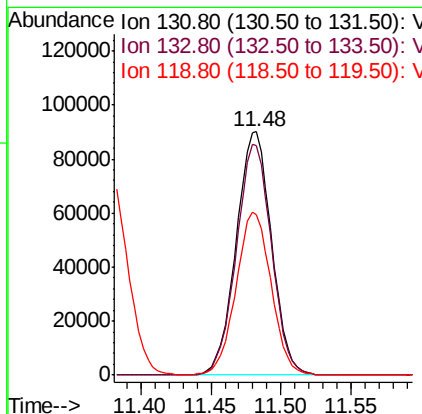
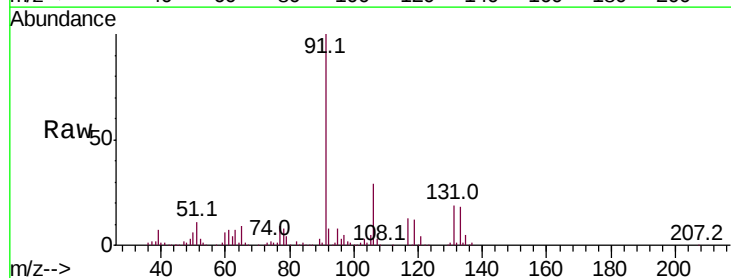
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

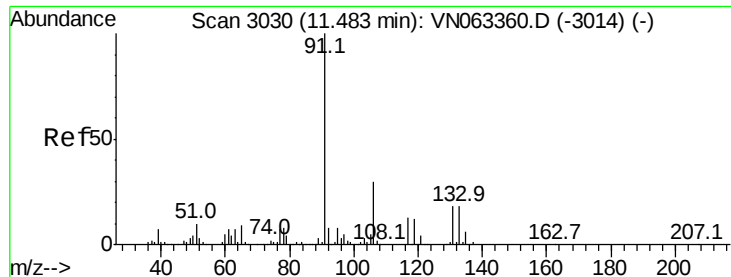
Tot Ion:112 Resp: 418407
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.829 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion:131 Resp: 158185
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 66.6 33.6 100.8





#67

Ethyl Benzene

Concen: 50.737 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

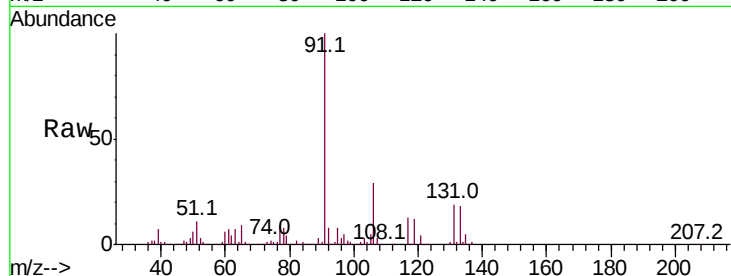
VSTDCCC050

Tot Ion: 91 Resp: 795533

Ion Ratio Lower Upper

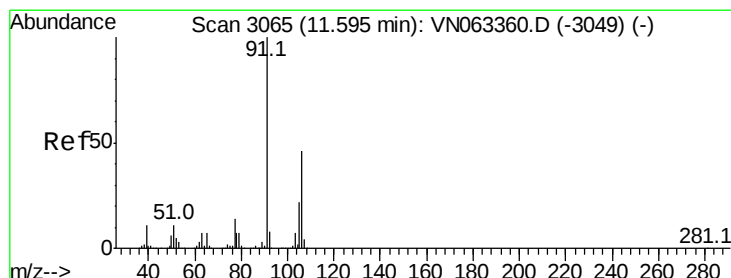
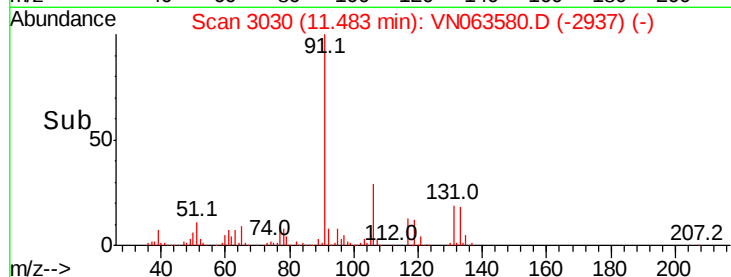
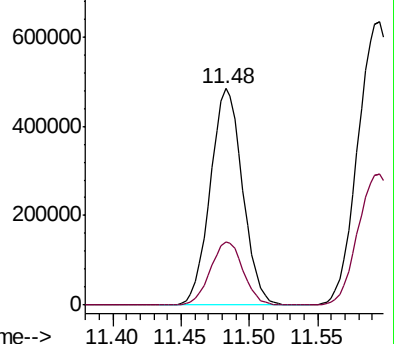
91 100

106 29.1 23.8 35.6



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

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



#68

m/p-Xylenes

Concen: 101.707 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063580.D

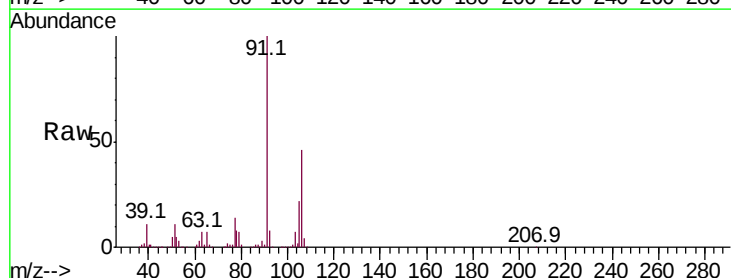
Acq: 23 Sep 2020 11:25

Tgt Ion: 106 Resp: 574982

Ion Ratio Lower Upper

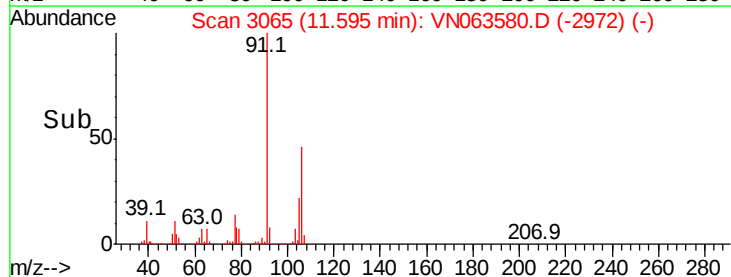
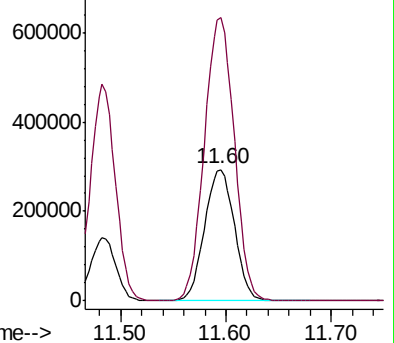
106 100

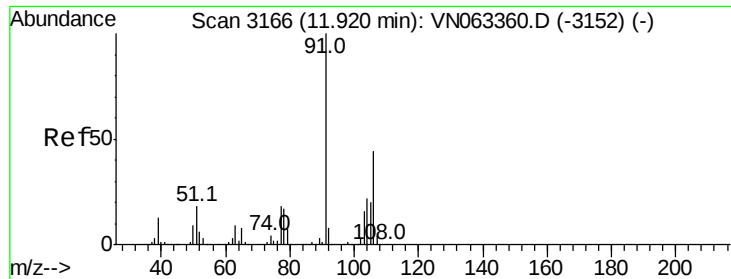
91 215.0 171.2 256.8



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

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

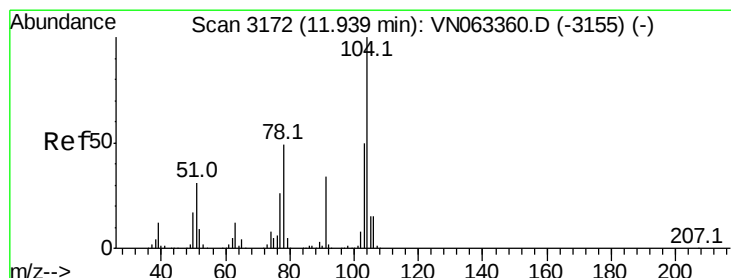
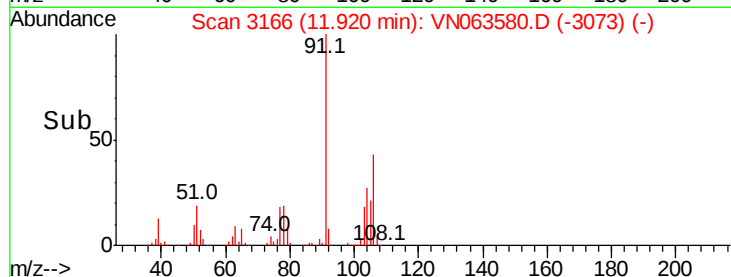
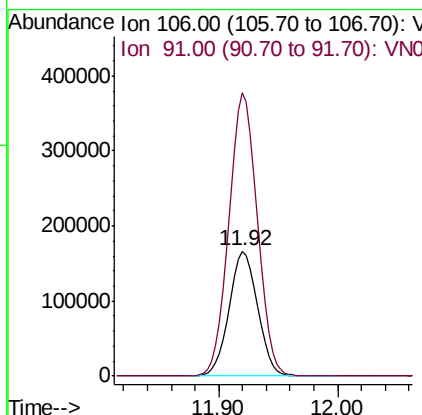
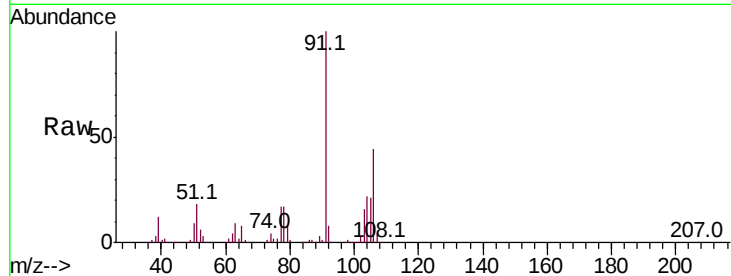




#69
o-Xylene
Concen: 51.250 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

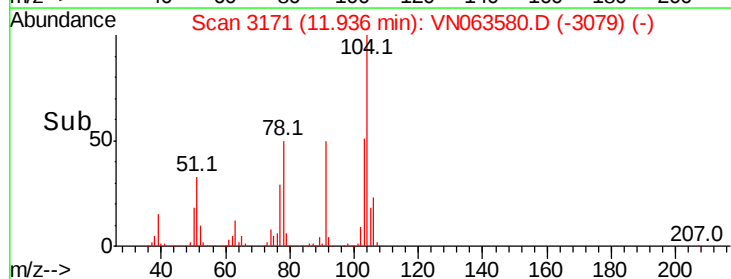
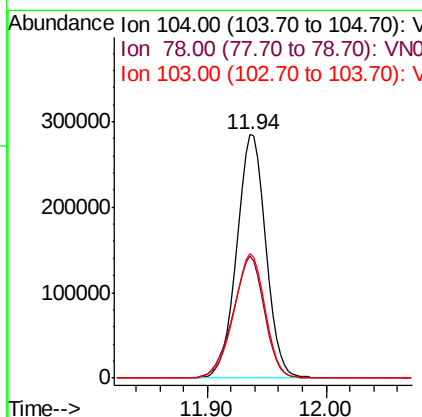
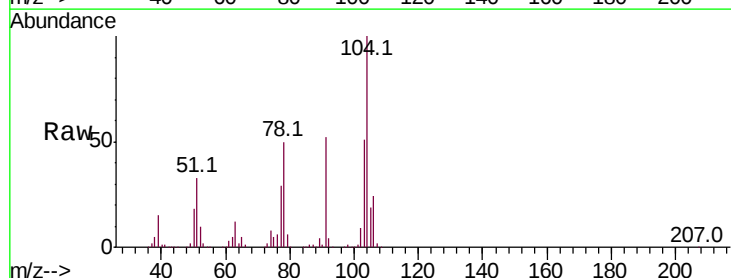
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

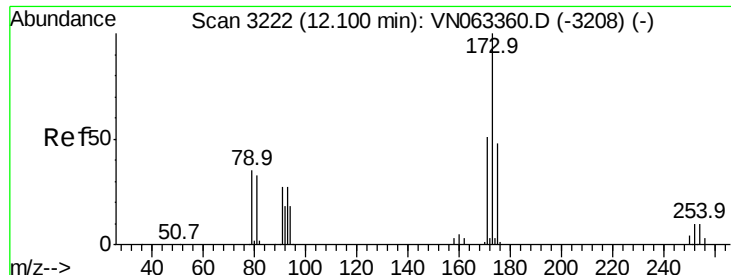
Tot Ion:106 Resp: 276004
Ion Ratio Lower Upper
106 100
91 226.5 113.6 340.8



#70
Styrene
Concen: 53.457 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion:104 Resp: 482778
Ion Ratio Lower Upper
104 100
78 54.3 44.4 66.6
103 54.9 43.7 65.5

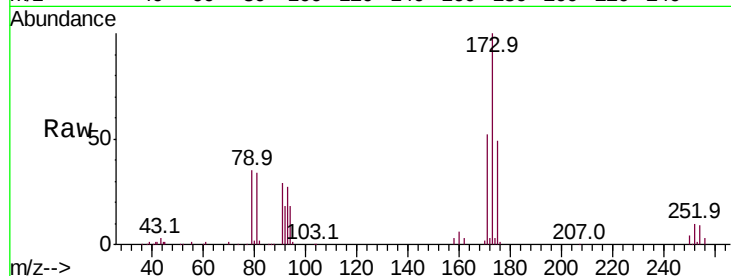




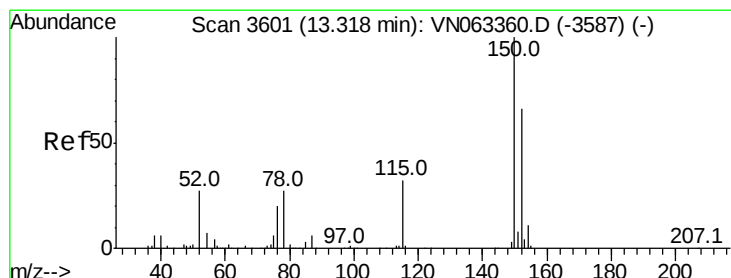
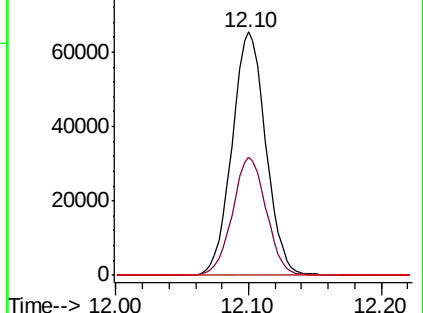
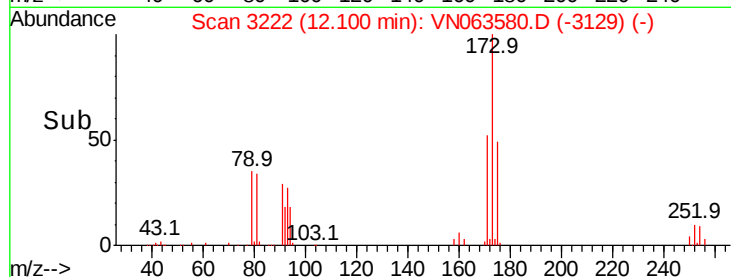
#71
Bromoform
Concen: 50.783 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 115464
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0

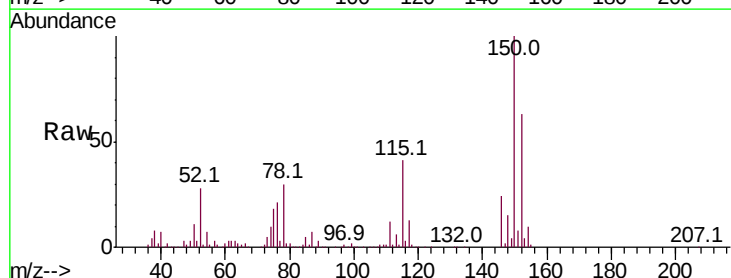


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

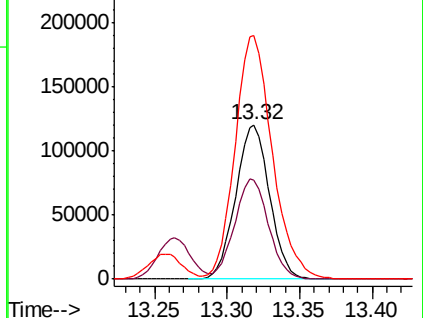
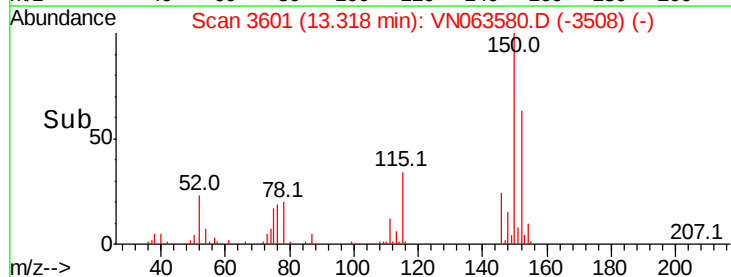


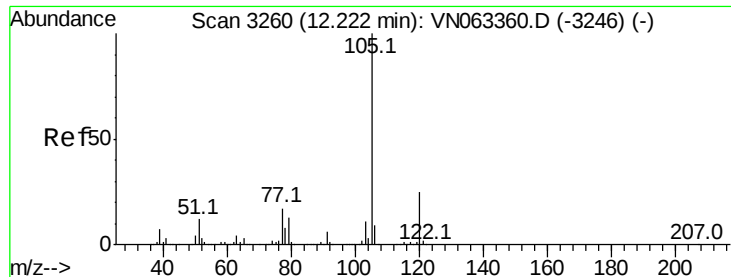
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063580.D
Acq: 23 Sep 2020 11:25

Tgt Ion:152 Resp: 195873
Ion Ratio Lower Upper
152 100
115 65.0 32.2 96.6
150 174.1 0.0 343.4



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





#73

Isopropylbenzene

Concen: 48.220 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

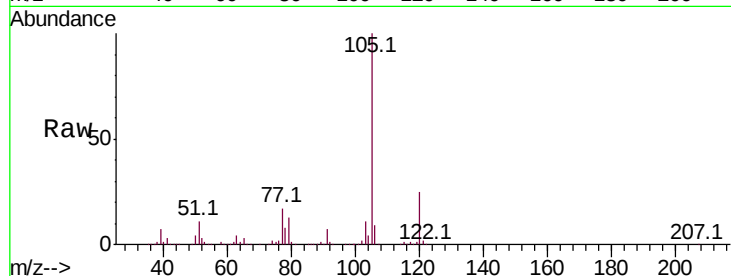
VSTDCCC050

Tot Ion:105 Resp: 756866

Ion Ratio Lower Upper

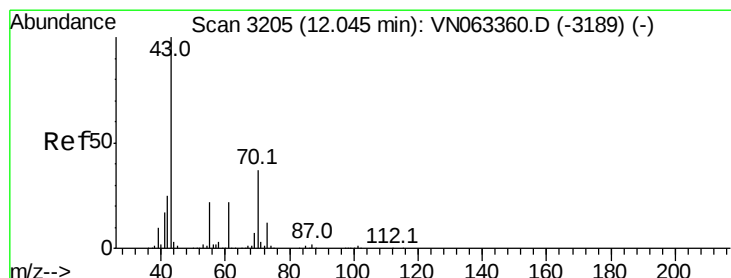
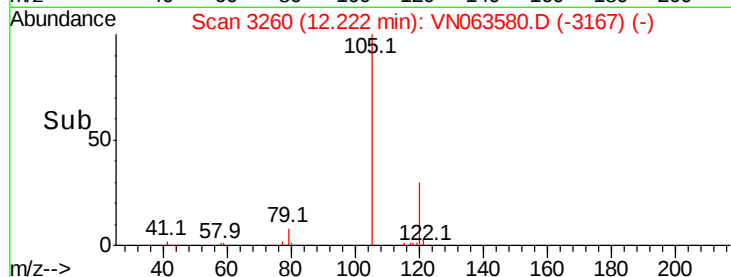
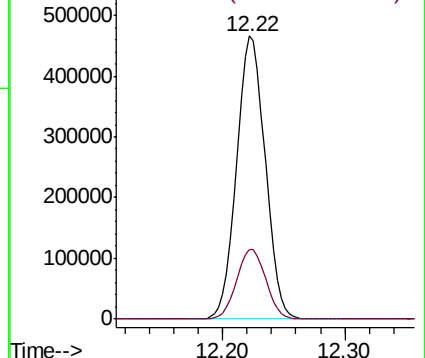
105 100

120 25.2 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.658 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Tgt Ion: 43 Resp: 331815

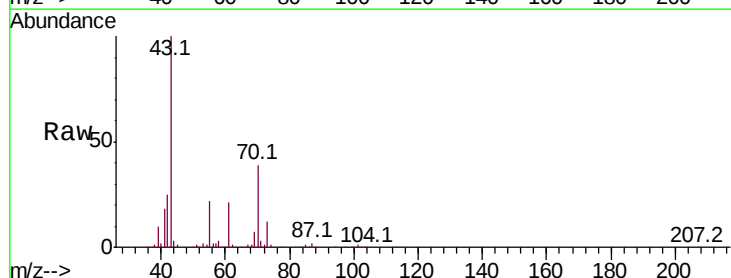
Ion Ratio Lower Upper

43 100

70 37.9 29.6 44.4

55 22.7 17.7 26.5

61 21.1 17.4 26.2

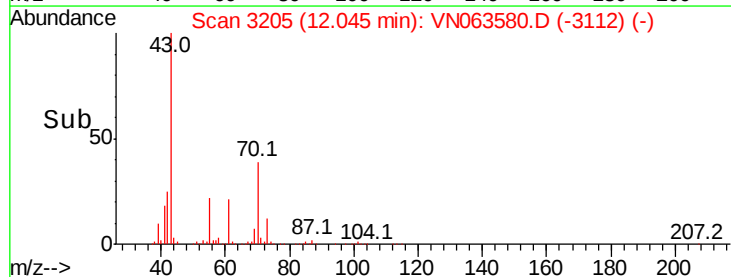
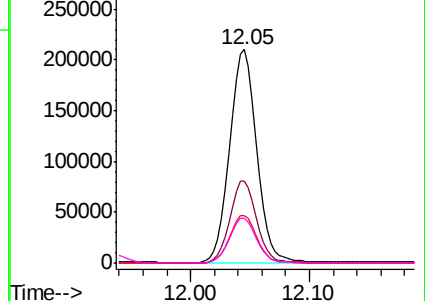


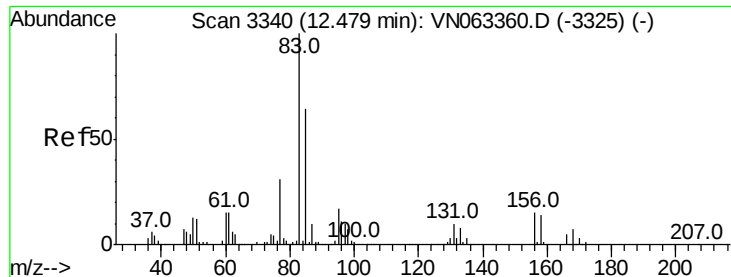
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.938 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

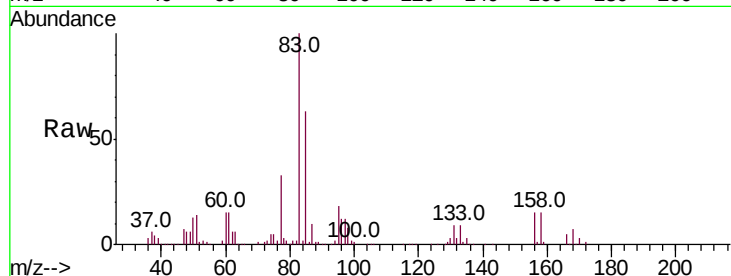
Tot Ion: 83 Resp: 223261

Ion Ratio Lower Upper

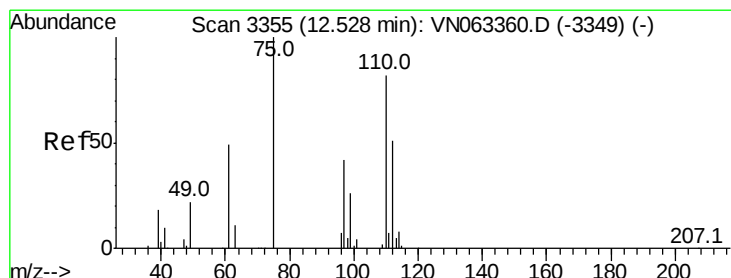
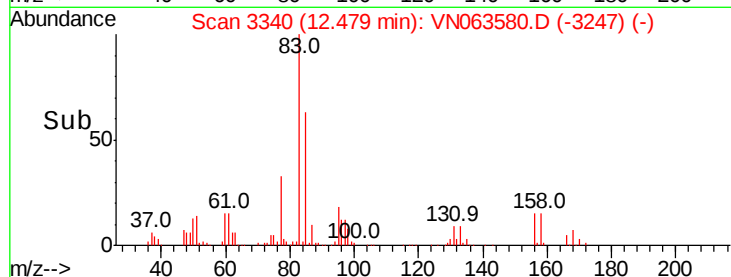
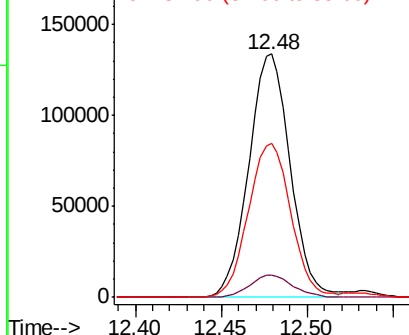
83 100

131 9.4 4.9 14.7

85 65.0 32.0 96.0



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



#76

1,2,3-Trichloropropane

Concen: 63.908 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063580.D

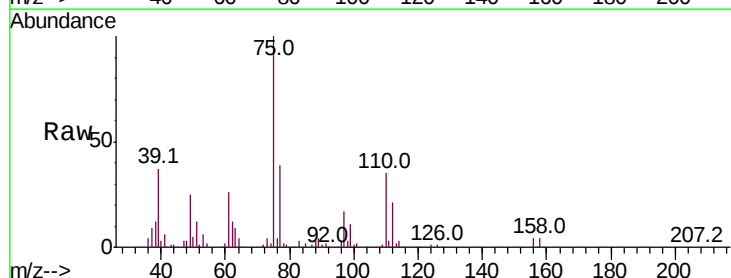
Acq: 23 Sep 2020 11:25

Tgt Ion: 75 Resp: 309833

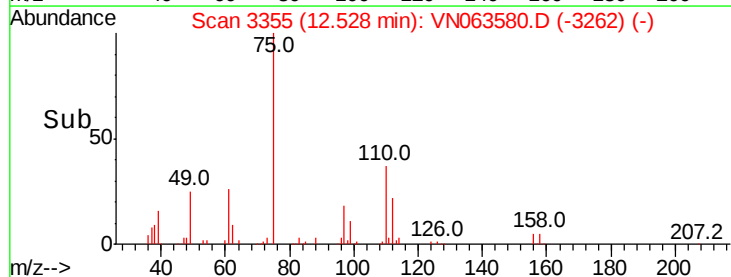
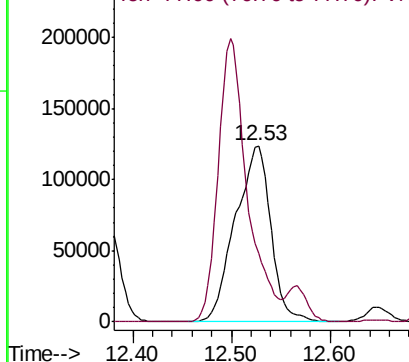
Ion Ratio Lower Upper

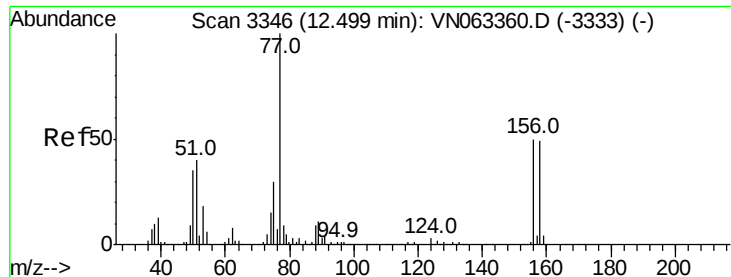
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 50.108 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

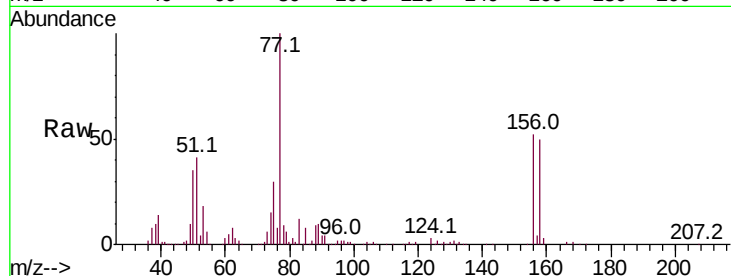
Tot Ion:156 Resp: 176917

Ion Ratio Lower Upper

156 100

77 233.1 120.2 360.6

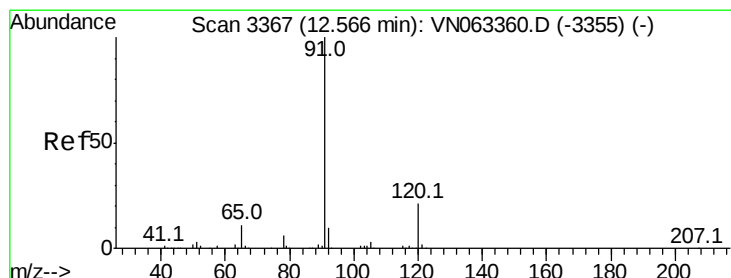
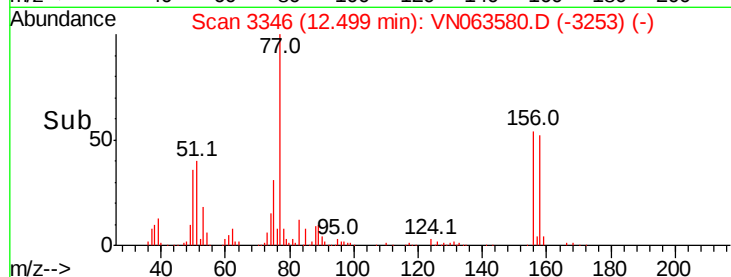
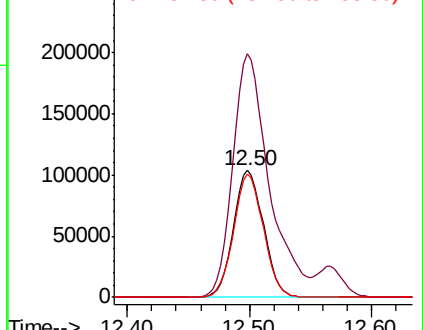
158 96.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.266 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063580.D

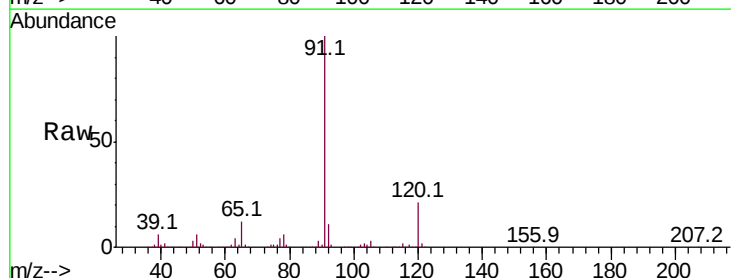
Acq: 23 Sep 2020 11:25

Tgt Ion: 91 Resp: 900657

Ion Ratio Lower Upper

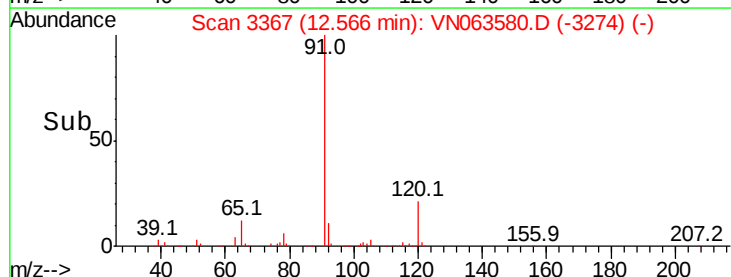
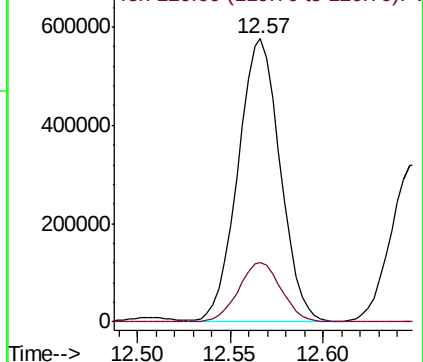
91 100

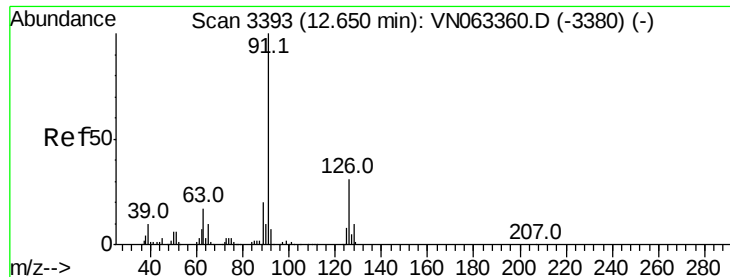
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

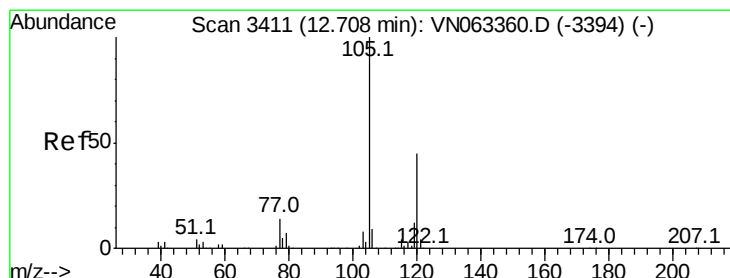
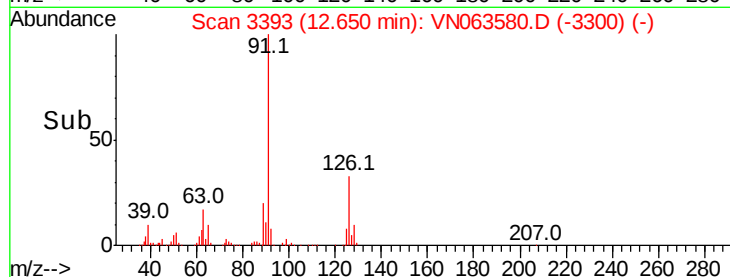
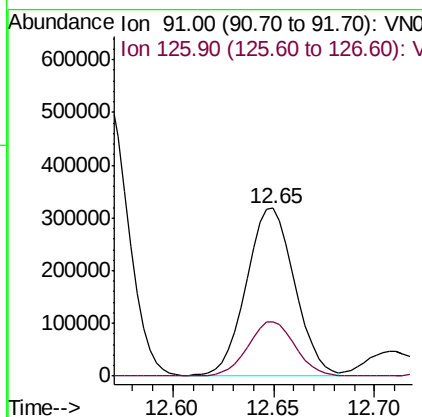
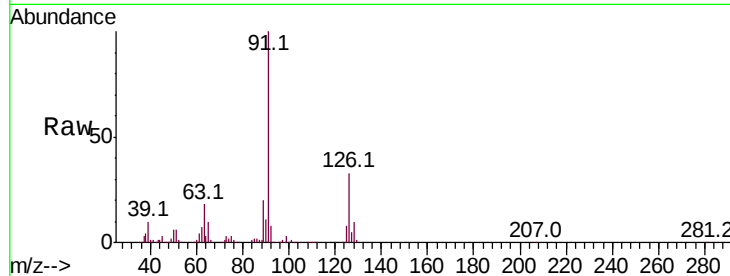




#79
 2-Chlorotoluene
 Concen: 48.424 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

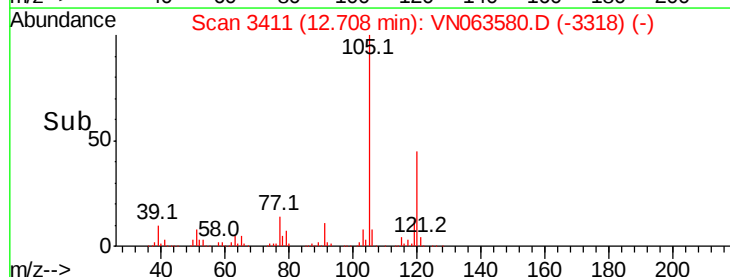
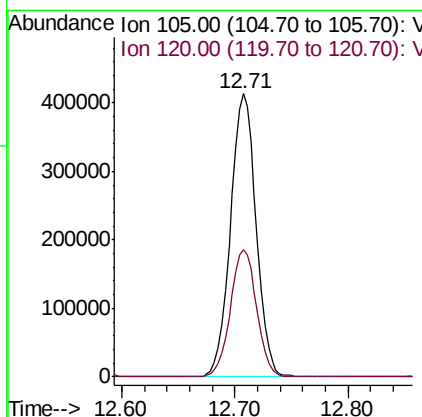
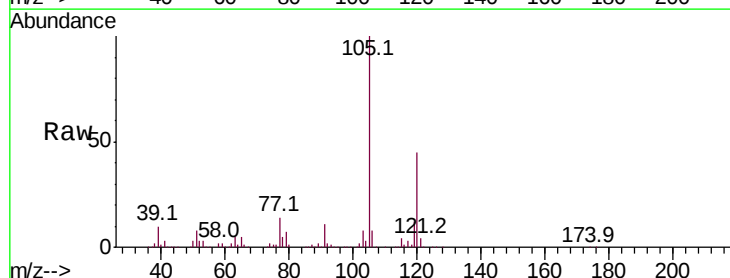
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 530669
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.588 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion:105 Resp: 649033
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.688 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

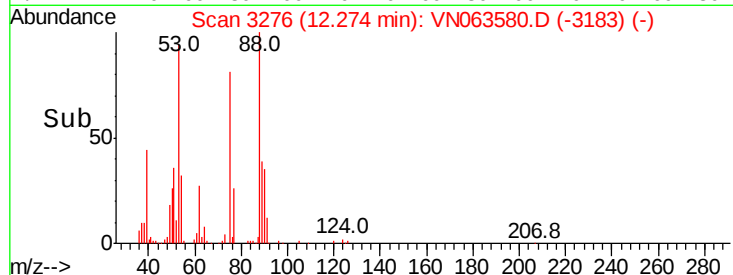
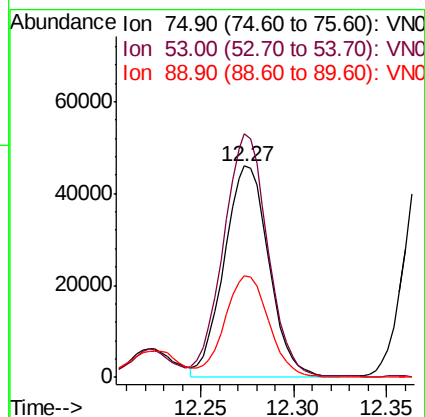
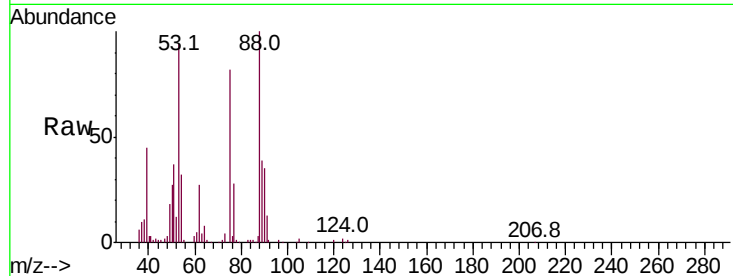
Tot Ion: 75 Resp: 77255

Ion Ratio Lower Upper

75 100

53 114.7 85.7 128.5

89 47.7 38.0 57.0



#82

4-Chlorotoluene

Concen: 49.241 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063580.D

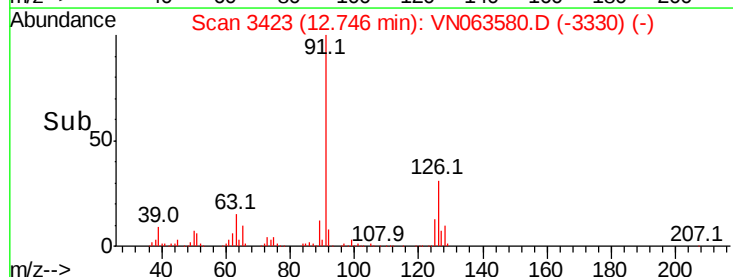
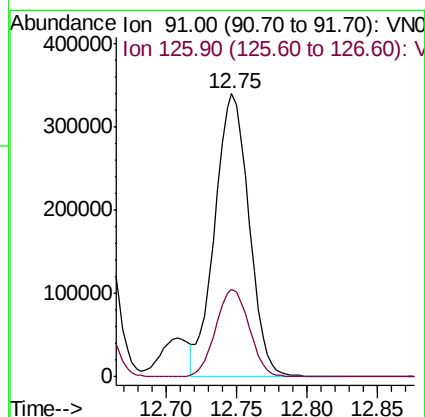
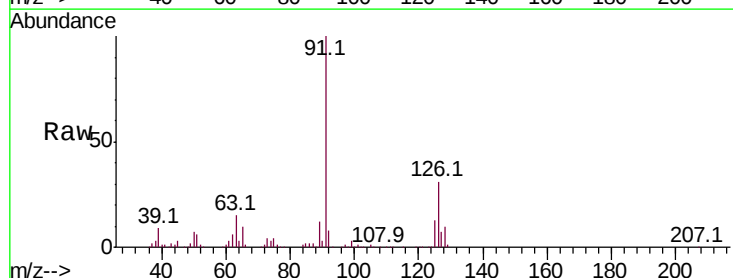
Acq: 23 Sep 2020 11:25

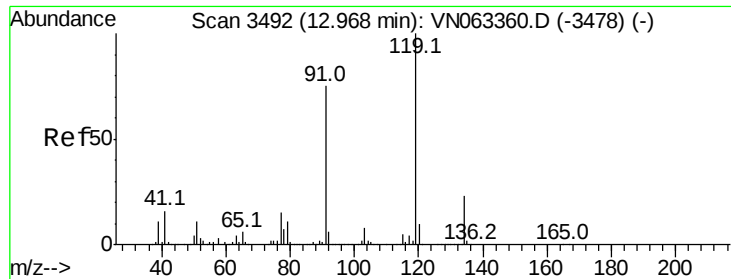
Tgt Ion: 91 Resp: 570164

Ion Ratio Lower Upper

91 100

126 30.2 15.5 46.5

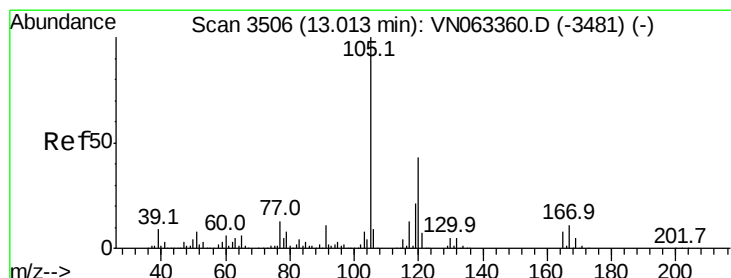
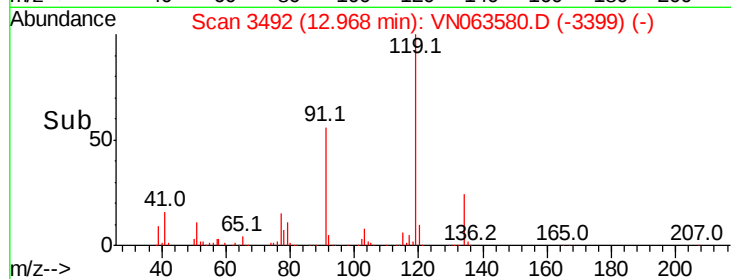
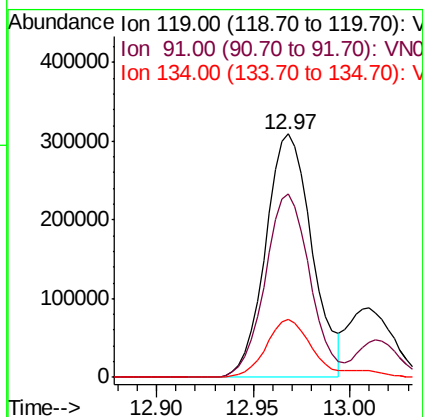
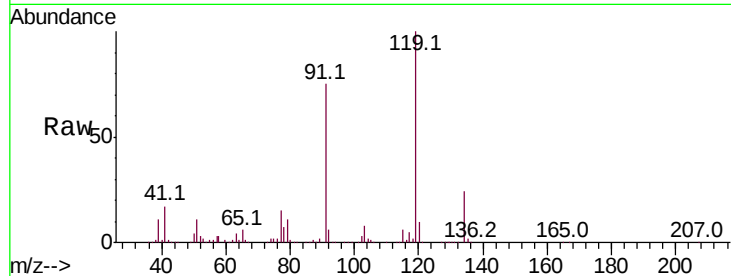




#83
 tert-Butylbenzene
 Concen: 47.597 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

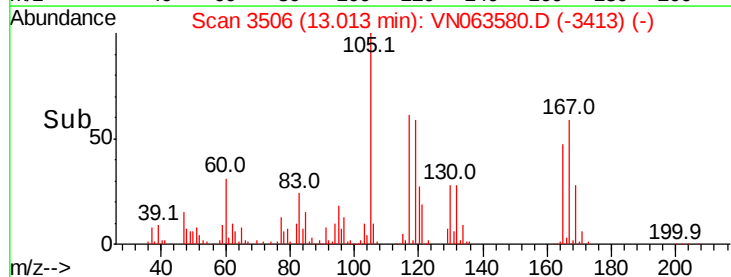
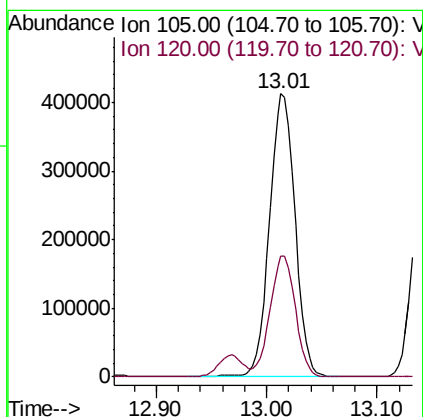
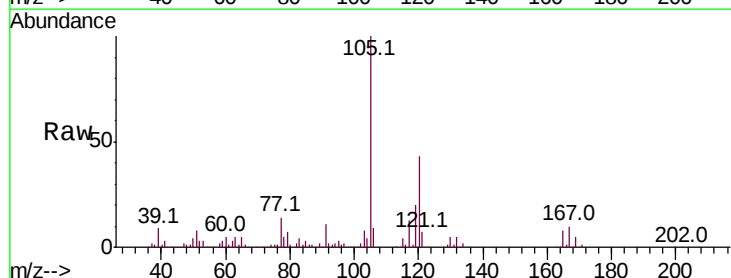
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

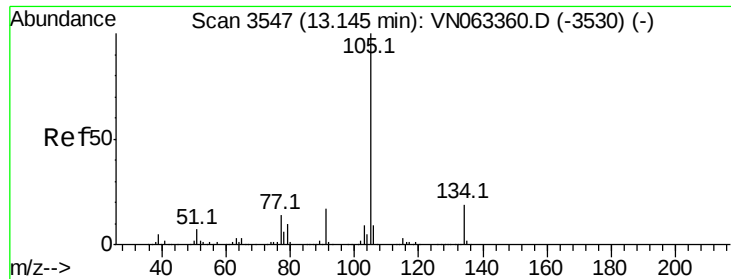
Tot Ion:119 Resp: 514166
 Ion Ratio Lower Upper
 119 100
 91 73.1 36.3 108.9
 134 23.0 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.102 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion:105 Resp: 662378
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.3 63.9





#85

sec-Butylbenzene

Concen: 48.056 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

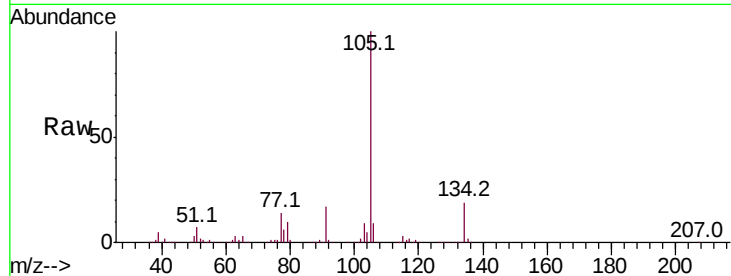
VSTDCCC050

Tot Ion:105 Resp: 694881

Ion Ratio Lower Upper

105 100

134 19.0 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

400000

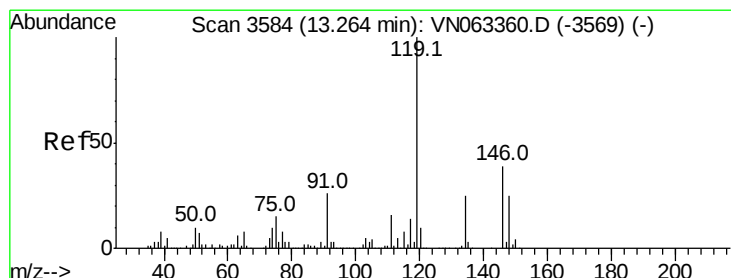
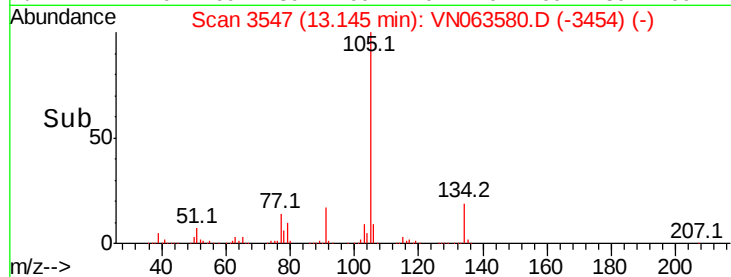
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.186 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

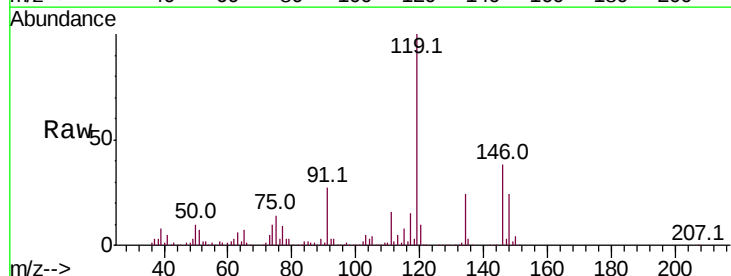
Tgt Ion:119 Resp: 627311

Ion Ratio Lower Upper

119 100

134 24.7 12.5 37.5

91 26.6 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

400000

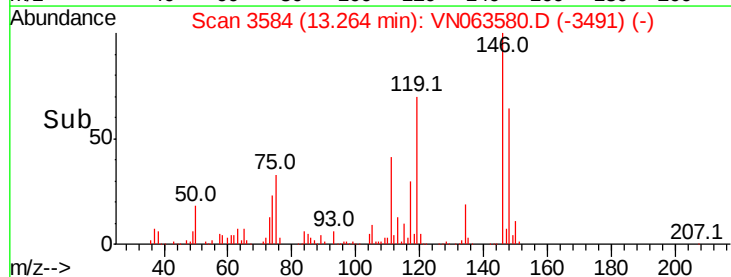
300000

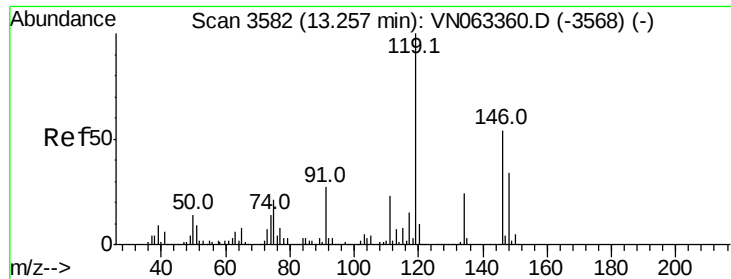
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.834 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

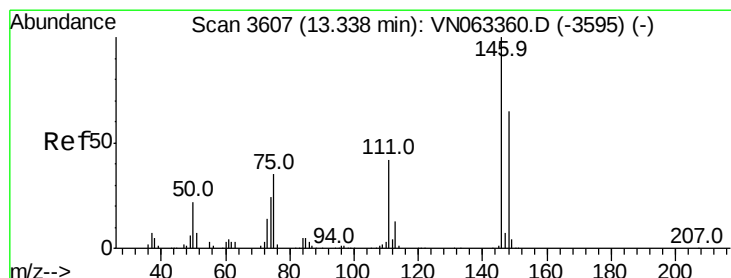
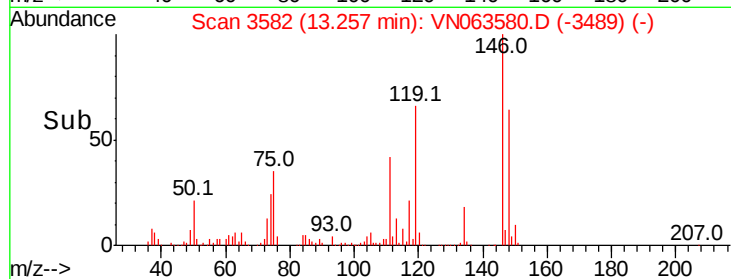
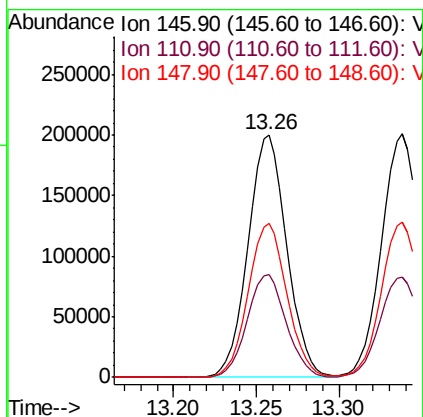
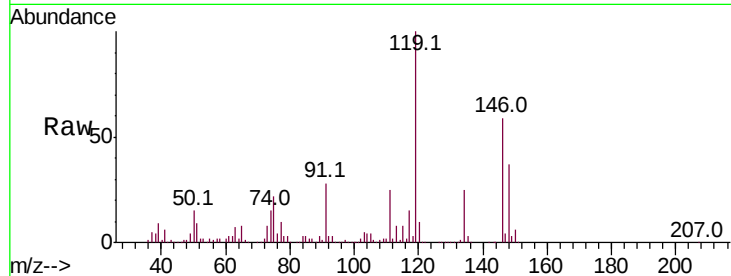
Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 326122

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	63.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 49.372 ug/l

RT: 13.34 min Scan# 3607

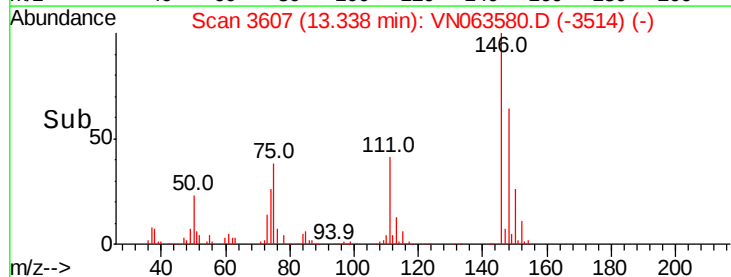
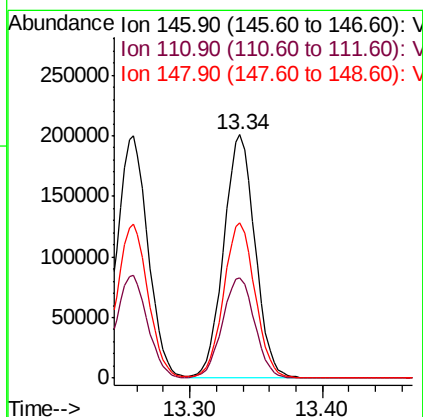
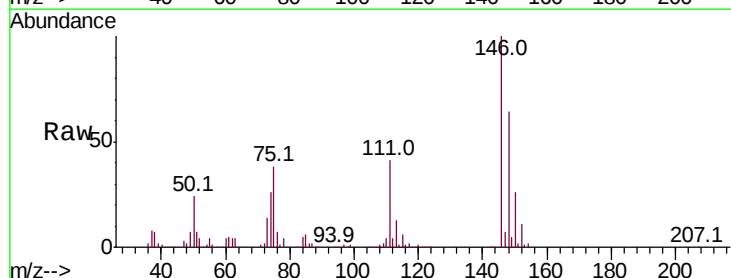
Delta R.T. -0.00 min

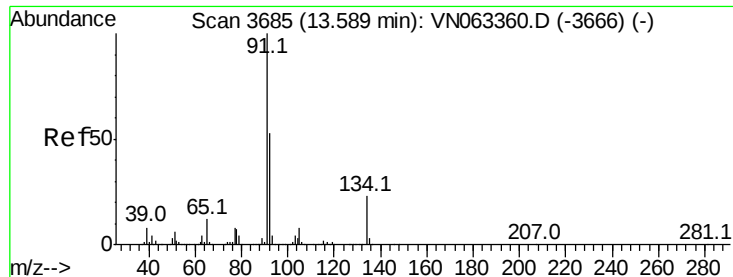
Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Tgt Ion:146 Resp: 328492

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.2	63.6
148	63.8	31.9	95.9





#89

n-Butylbenzene

Concen: 49.169 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

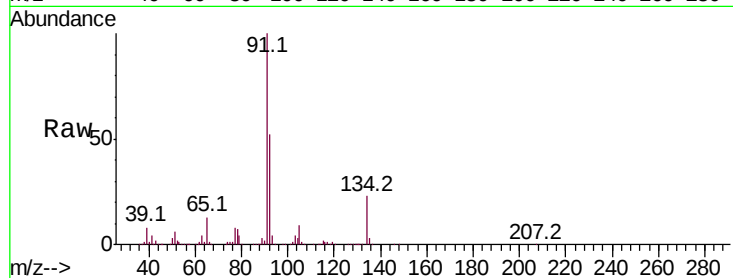
Tot Ion: 91 Resp: 578016

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

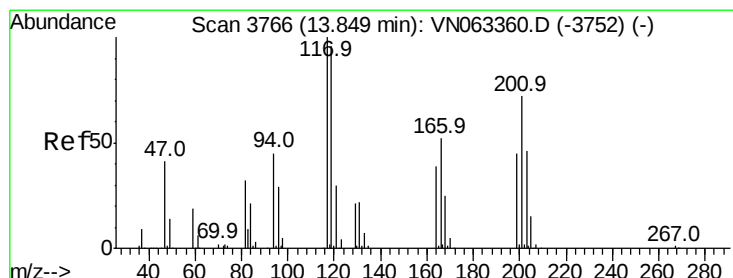
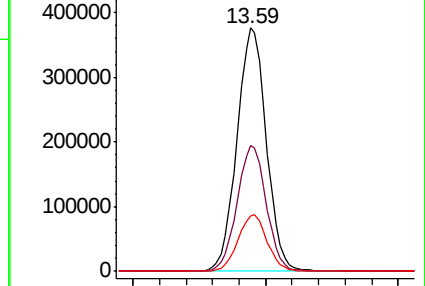
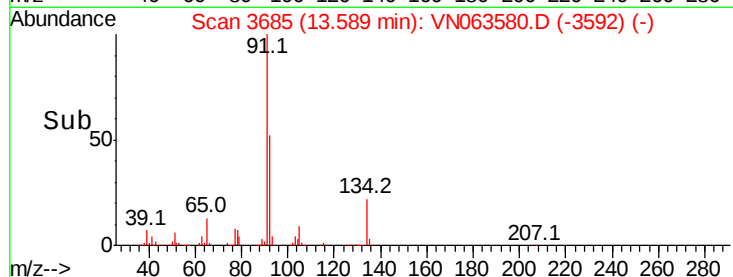
134 23.1 11.7 35.0



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: 45.745 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063580.D

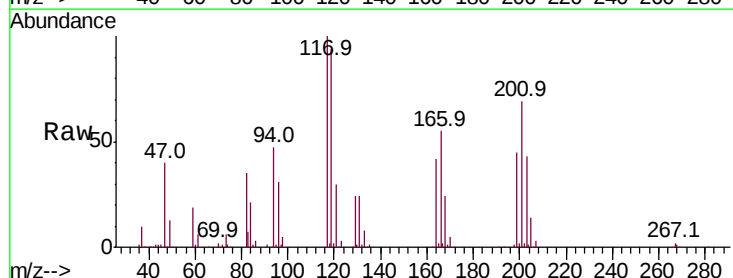
Acq: 23 Sep 2020 11:25

Tgt Ion: 117 Resp: 111093

Ion Ratio Lower Upper

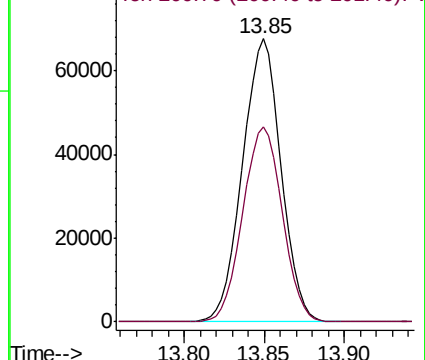
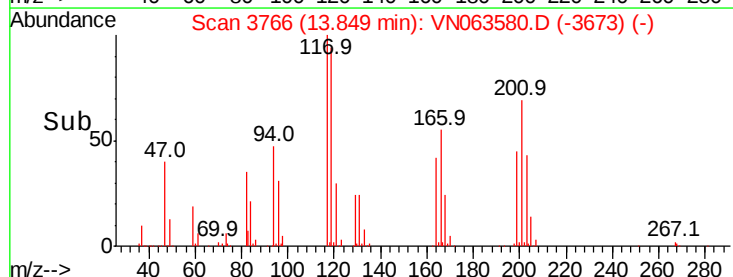
117 100

201 70.6 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: 49.531 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

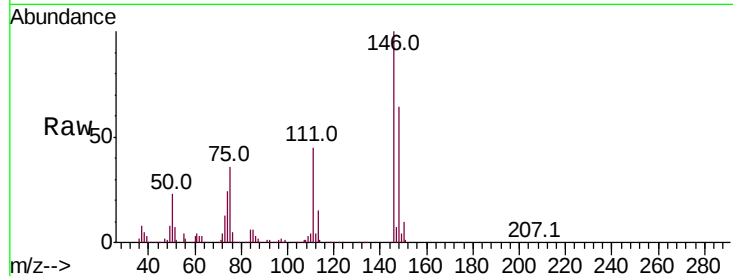
Tot Ion:146 Resp: 318230

Ion Ratio Lower Upper

146 100

111 44.4 22.4 67.2

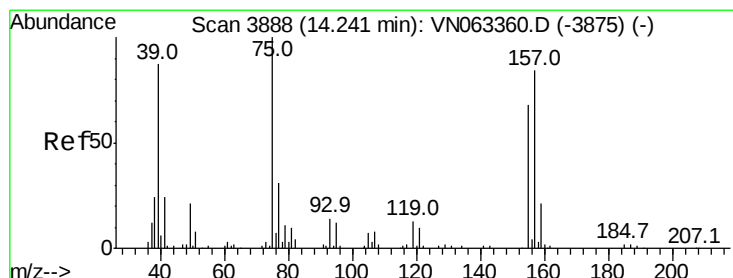
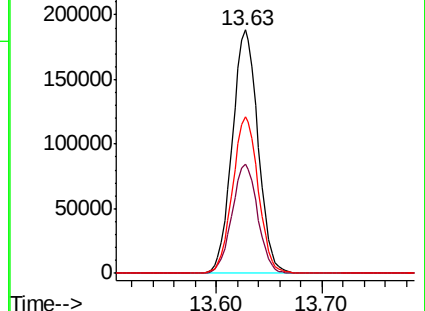
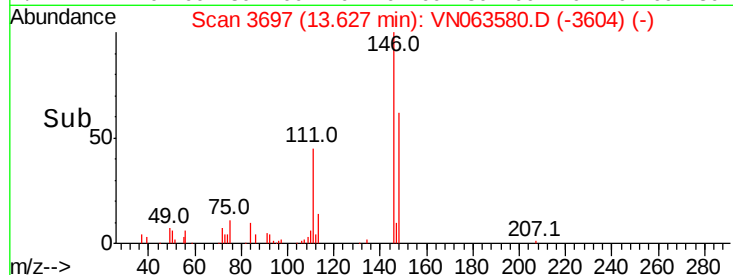
148 64.2 32.0 96.0



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: 42.476 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

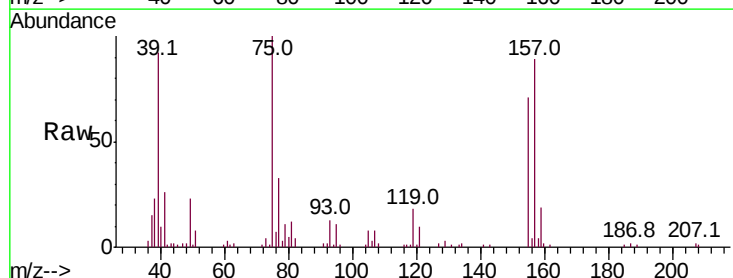
Tgt Ion: 75 Resp: 49158

Ion Ratio Lower Upper

75 100

155 69.8 34.6 103.9

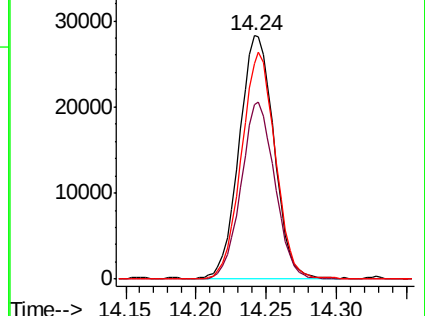
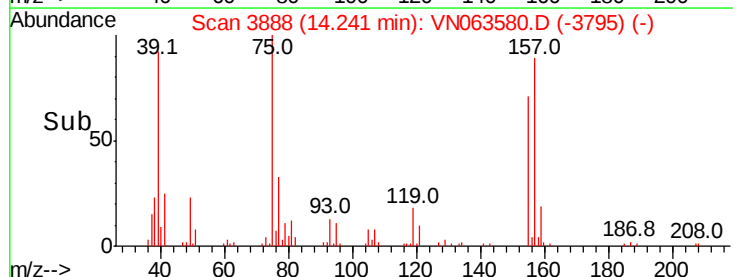
157 89.9 43.7 131.1

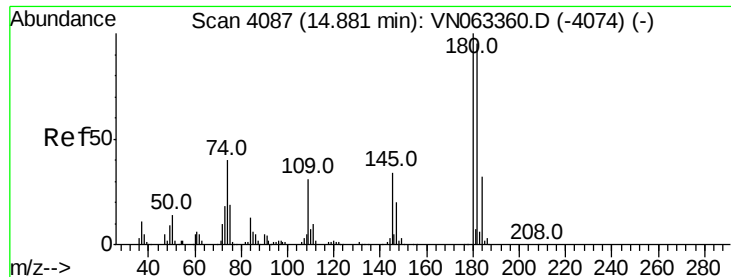


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

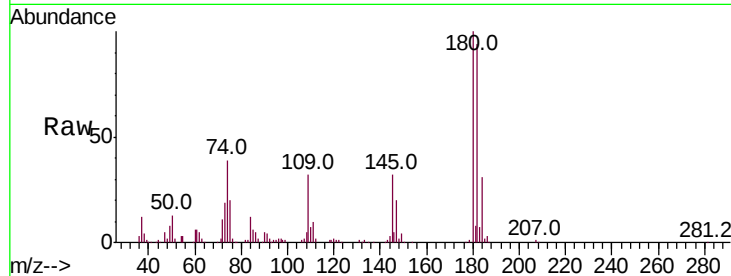




#93
 1,2,4-Trichlorobenzene
 Concen: 47.907 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.3	142.0
145	32.0	16.6	49.7

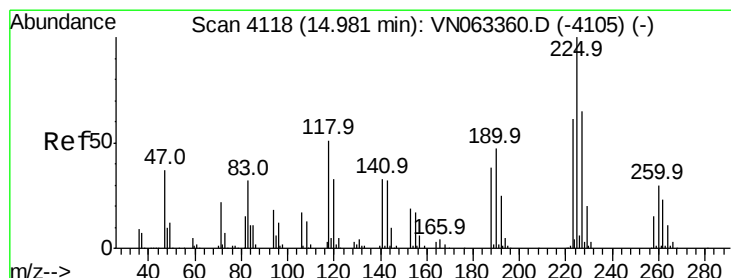
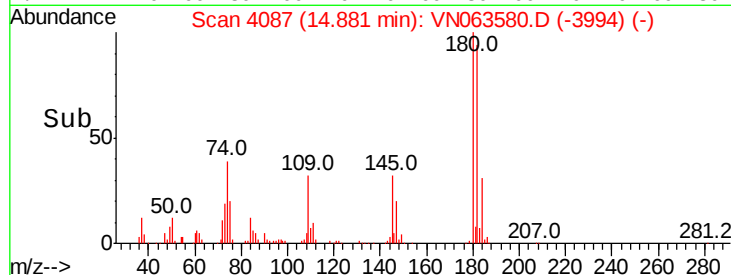
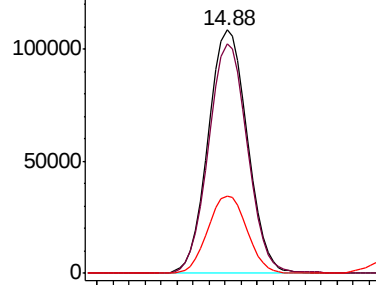


Abundance

Ion 179.80 (179.50 to 180.50): V

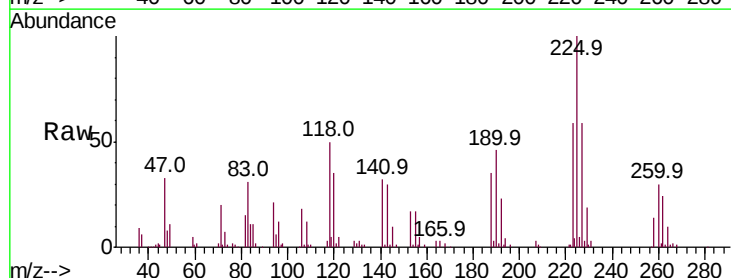
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.000 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063580.D
 Acq: 23 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.6	91.6
227	62.9	31.2	93.6

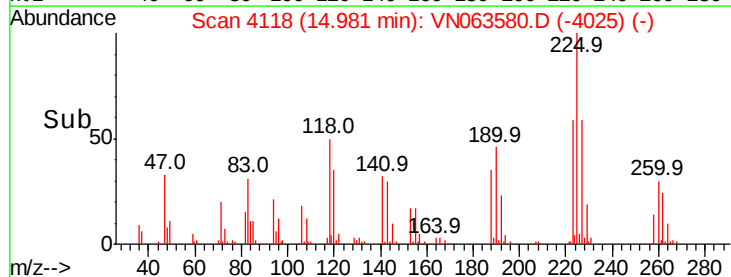
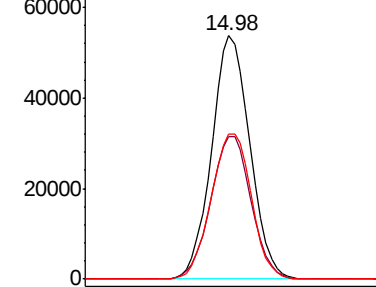


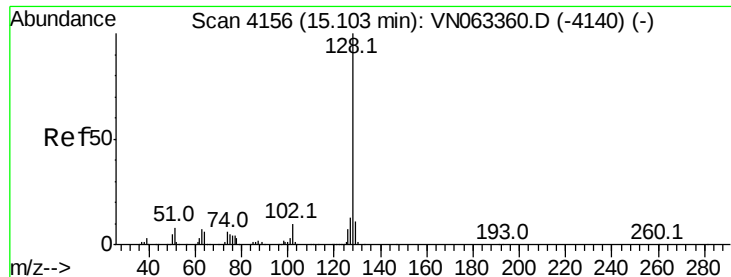
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.543 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

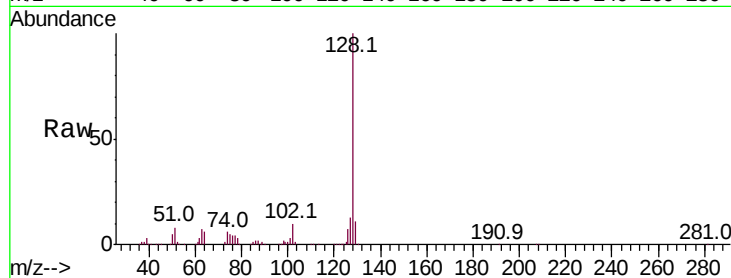
Tot Ion:128 Resp: 557401

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

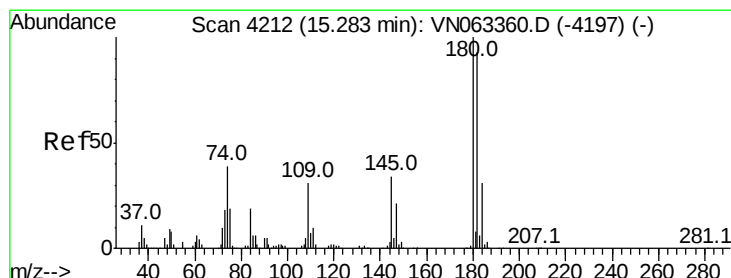
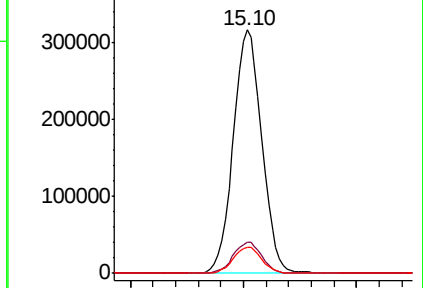
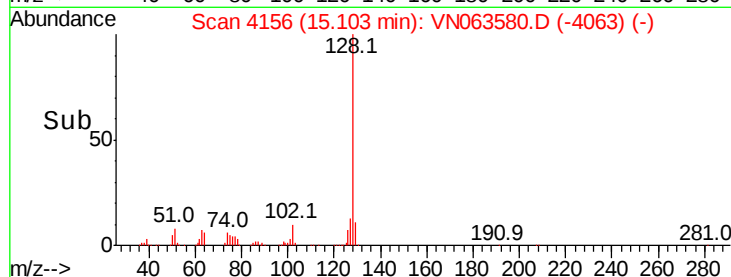
129 10.7 8.8 13.2



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: 45.500 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063580.D

Acq: 23 Sep 2020 11:25

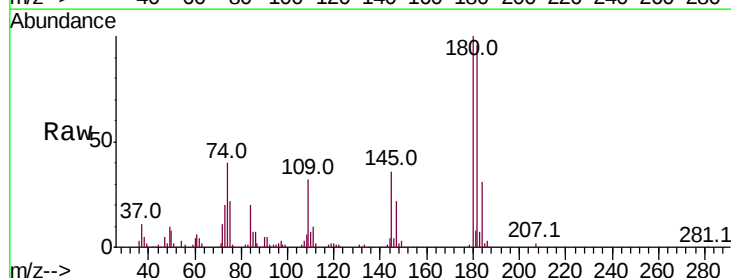
Tgt Ion:180 Resp: 166519

Ion Ratio Lower Upper

180 100

182 97.2 46.7 140.1

145 35.3 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

