

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063448.D
 Acq On : 18 Sep 2020 10:32
 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 21 01:32:35 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	314108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	527059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	229769	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
35) Dibromofluoromethane	7.54	113	165159	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
50) Toluene-d8	10.06	98	644226	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	12.38	95	246047	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	159309	44.768	ug/l	99
3) Chloromethane	2.04	50	192539	40.900	ug/l	98
4) Vinyl Chloride	2.16	62	192164	46.073	ug/l	100
5) Bromomethane	2.53	94	118456	47.834	ug/l	97
6) Chloroethane	2.67	64	110724	43.247	ug/l	100
7) Trichlorofluoromethane	2.99	101	296035	47.572	ug/l	97
8) Diethyl Ether	3.37	74	110092	45.383	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	163597	46.747	ug/l	100
10) Methyl Iodide	3.91	142	209670	46.018	ug/l	99
11) Tert butyl alcohol	4.72	59	139057	187.727	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	157064	44.310	ug/l	99
13) Acrolein	3.57	56	67549	246.073	ug/l	96
14) Allyl chloride	4.28	41	311889	44.483	ug/l	99
15) Acrylonitrile	4.92	53	403726	214.269	ug/l	100
16) Acetone	3.77	43	344379	200.405	ug/l	98
17) Carbon Disulfide	4.01	76	439175	42.595	ug/l	100
18) Methyl Acetate	4.27	43	186727	42.803	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	580383	43.931	ug/l	99
20) Methylene Chloride	4.51	84	189099	43.433	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	171658	43.710	ug/l	95
22) Diisopropyl ether	5.90	45	624643	43.682	ug/l	99
23) Vinyl Acetate	5.84	43	2618518	222.969	ug/l	99
24) 1,1-Dichloroethane	5.79	63	343165	43.956	ug/l	100
25) 2-Butanone	6.78	43	549090	207.761	ug/l	98
26) 2,2-Dichloropropane	6.77	77	304644	44.321	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	201116	45.244	ug/l	99
28) Bromochloromethane	7.14	49	168318	46.694	ug/l	98
29) Tetrahydrofuran	7.16	42	367087	203.368	ug/l	99
30) Chloroform	7.33	83	351791	44.913	ug/l	99
31) Cyclohexane	7.61	56	306980	41.570	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	312385	44.840	ug/l	99
36) 1,1-Dichloropropene	7.75	75	259193	46.160	ug/l	100
37) Ethyl Acetate	6.88	43	240502	43.641	ug/l	99
38) Carbon Tetrachloride	7.73	117	271130	47.302	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063448.D
 Acq On : 18 Sep 2020 10:32
 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 21 01:32:35 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	285707	46.882	ug/l	98
40) Benzene	8.00	78	740747	46.213	ug/l	98
41) Methacrylonitrile	7.16	41	345245	139.289	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	305050	47.324	ug/l	99
43) Isopropyl Acetate	8.12	43	428036	43.437	ug/l	99
44) Trichloroethene	8.80	130	186413	47.949	ug/l	100
45) 1,2-Dichloropropane	9.08	63	201048	46.053	ug/l	99
46) Dibromomethane	9.17	93	133911	46.670	ug/l	99
47) Bromodichloromethane	9.37	83	282193	47.340	ug/l	98
48) Methyl methacrylate	9.16	41	210593	43.498	ug/l	97
49) 1,4-Dioxane	9.16	88	57259	824.142	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1235224	223.907	ug/l	100
52) Toluene	10.12	92	468113	48.574	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	316476	47.557	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	331032	47.160	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	180953	47.272	ug/l	97
56) Ethyl methacrylate	10.40	69	281015	47.025	ug/l	99
57) 1,3-Dichloropropane	10.68	76	319201	46.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	727346	232.023	ug/l	98
59) 2-Hexanone	10.72	43	909349	227.525	ug/l	99
60) Dibromochloromethane	10.87	129	206804	47.821	ug/l	98
61) 1,2-Dibromoethane	10.98	107	189436	47.634	ug/l	98
64) Tetrachloroethene	10.60	164	168950	50.770	ug/l	95
65) Chlorobenzene	11.41	112	494020	47.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	184966	48.641	ug/l	99
67) Ethyl Benzene	11.48	91	932895	47.753	ug/l	98
68) m/p-Xylenes	11.59	106	695432	98.731	ug/l	97
69) o-Xylene	11.92	106	329586	49.120	ug/l	99
70) Styrene	11.94	104	563217	50.054	ug/l	99
71) Bromoform	12.10	173	135594	47.864	ug/l #	100
73) Isopropylbenzene	12.22	105	903724	46.795	ug/l	100
74) N-amyl acetate	12.04	43	397950	43.530	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	254063	42.487	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	358885	60.164	ug/l #	100
77) Bromobenzene	12.50	156	208157	47.916	ug/l	94
78) n-propylbenzene	12.57	91	1063536	47.282	ug/l	100
79) 2-Chlorotoluene	12.65	91	633225	46.962	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	760816	47.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	94198	43.294	ug/l	100
82) 4-Chlorotoluene	12.75	91	672935	47.234	ug/l	99
83) tert-Butylbenzene	12.97	119	617709	46.474	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	765347	47.050	ug/l	99
85) sec-Butylbenzene	13.15	105	840387	47.236	ug/l	100
86) p-Isopropyltoluene	13.26	119	755466	48.142	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	381527	47.384	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	386191	47.175	ug/l	99
89) n-Butylbenzene	13.59	91	704885	48.733	ug/l	99
90) Hexachloroethane	13.85	117	134930	45.156	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	370704	46.894	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58154	40.840	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
Data File : VN063448.D
Acq On : 18 Sep 2020 10:32
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 21 01:32:35 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

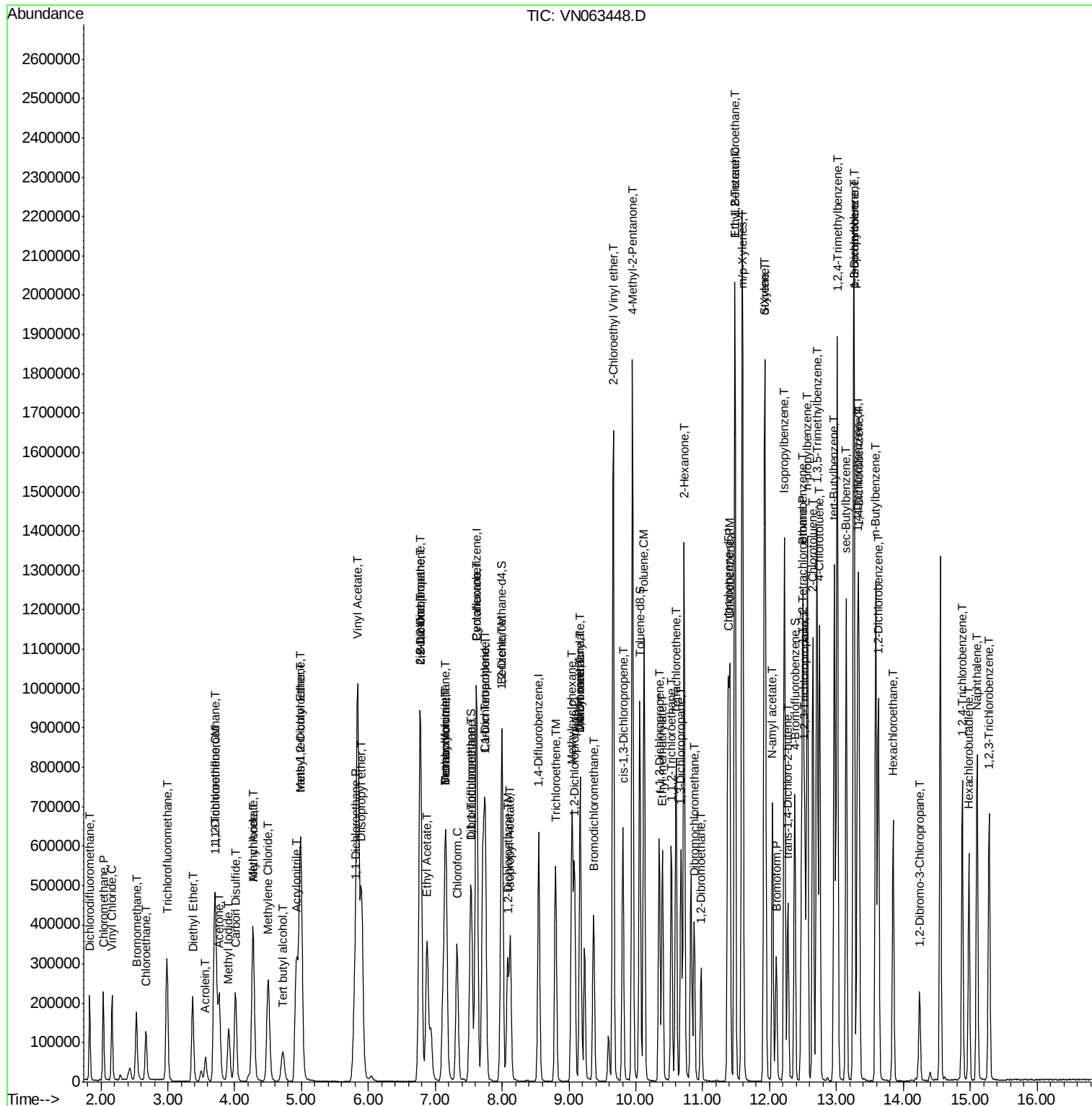
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	220575	47.330	ug/l	99
94) Hexachlorobutadiene	14.98	225	97389	50.478	ug/l	99
95) Naphthalene	15.10	128	691337	44.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	201013	44.640	ug/l	97

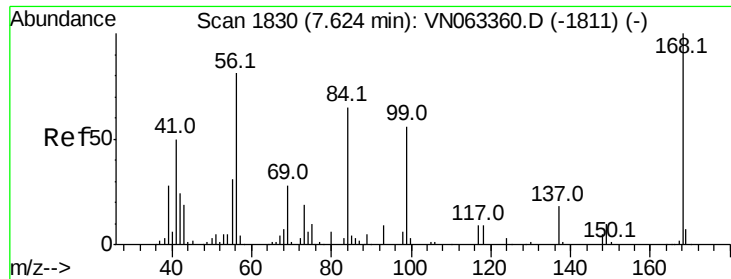
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091820\
Data File : VN063448.D
Acq On : 18 Sep 2020 10:32
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 21 01:32:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

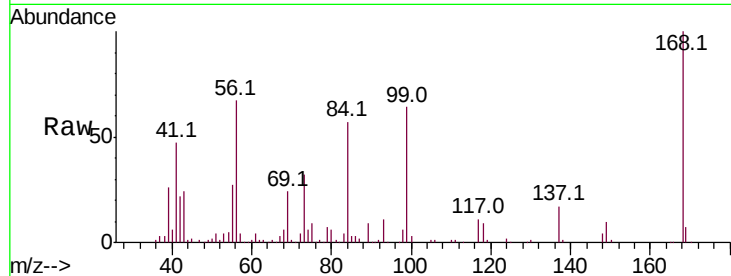
VSTDCCC050

Tot Ion:168 Resp: 314108

Ion Ratio Lower Upper

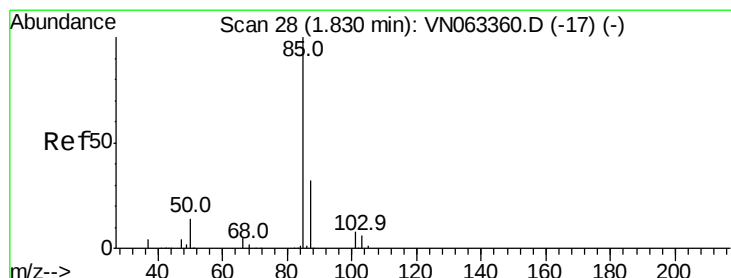
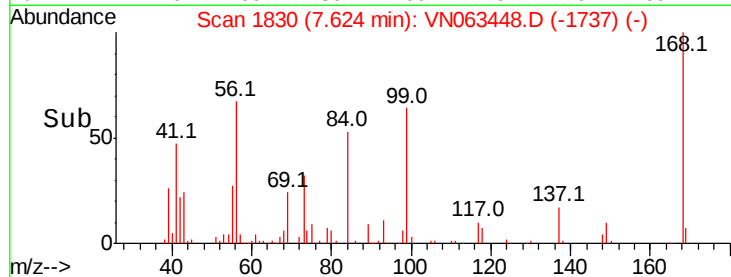
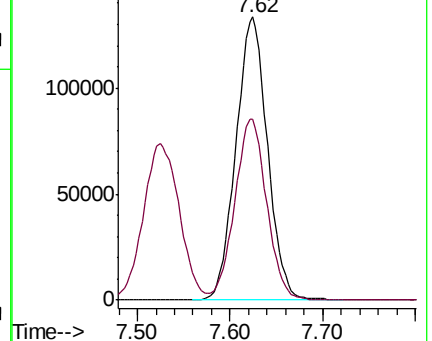
168 100

99 63.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.768 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063448.D

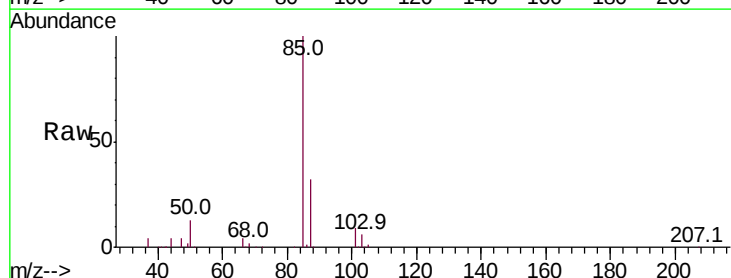
Acq: 18 Sep 2020 10:32

Tgt Ion: 85 Resp: 159309

Ion Ratio Lower Upper

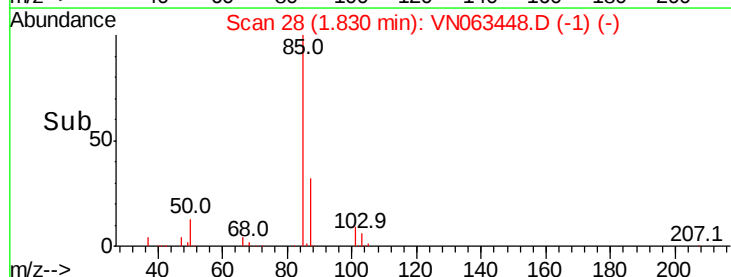
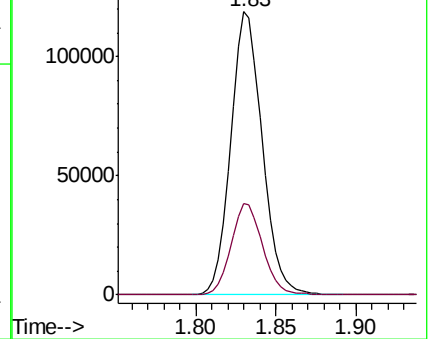
85 100

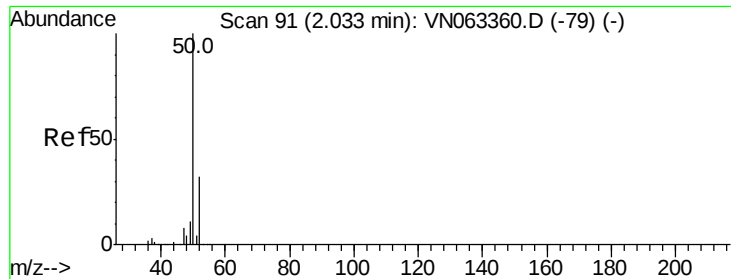
87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

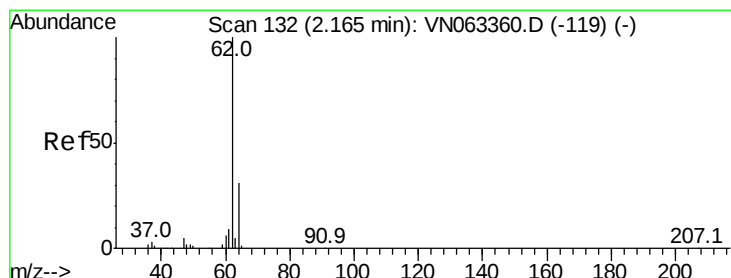
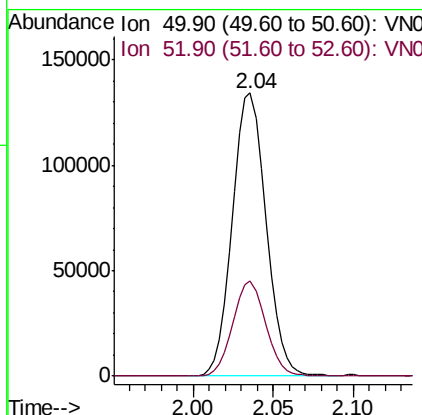
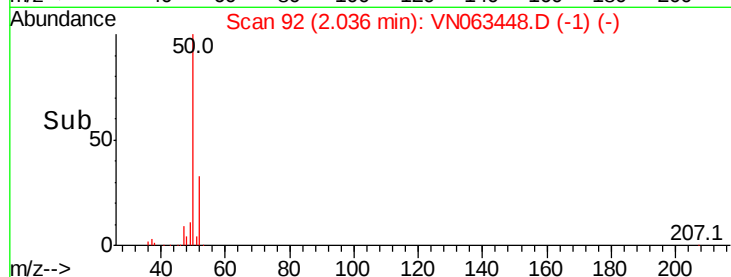
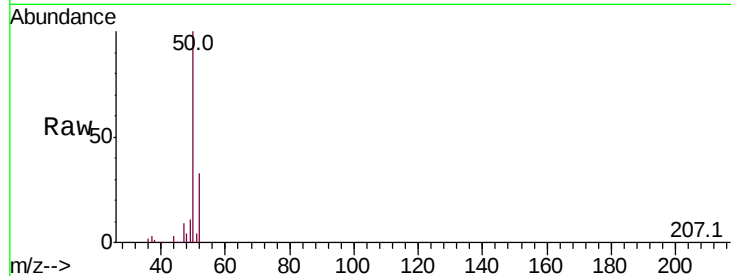




#3
Chloromethane
Concen: 40.900 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

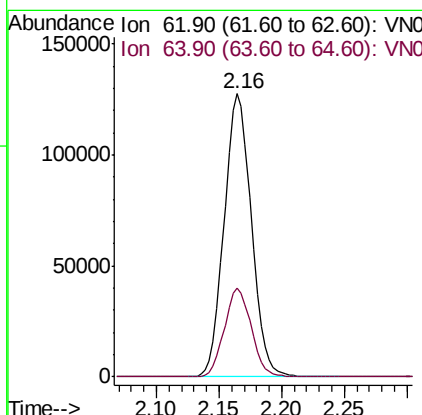
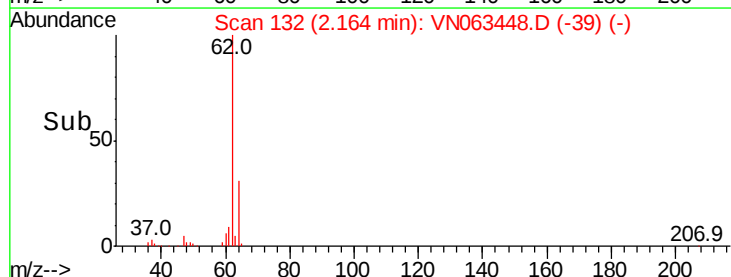
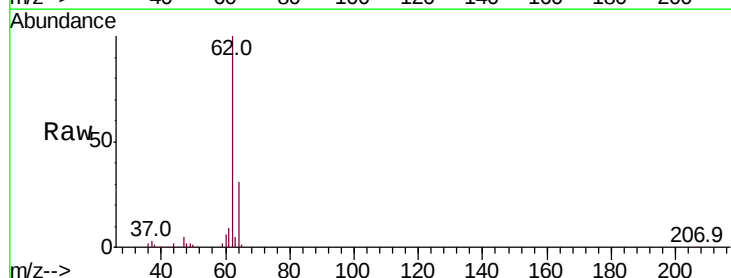
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

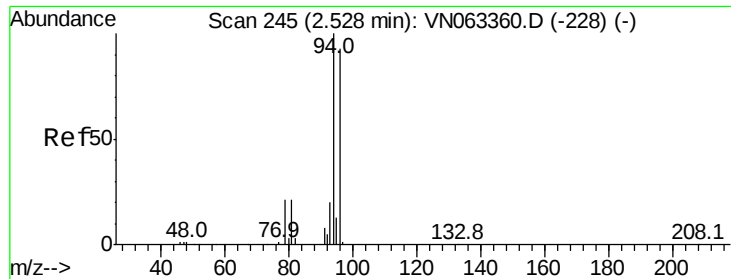
Tot Ion: 50 Resp: 192539
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 46.073 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 62 Resp: 192164
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





#5

Bromomethane

Concen: 47.834 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

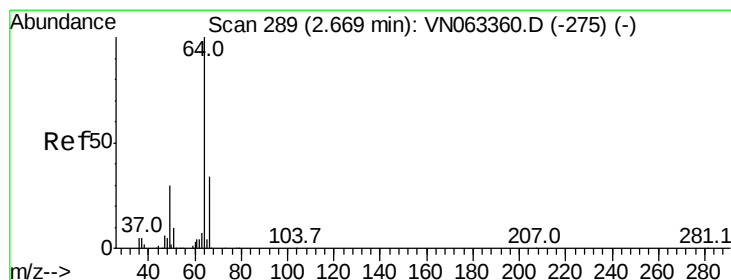
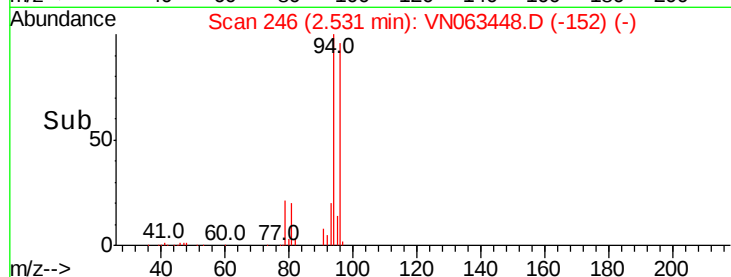
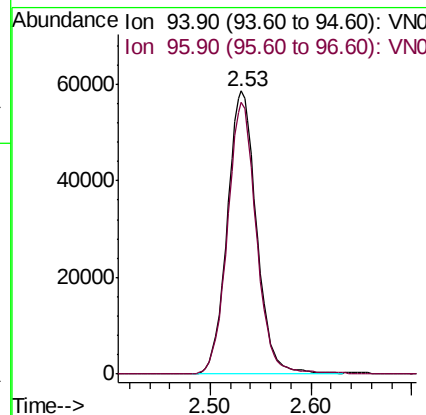
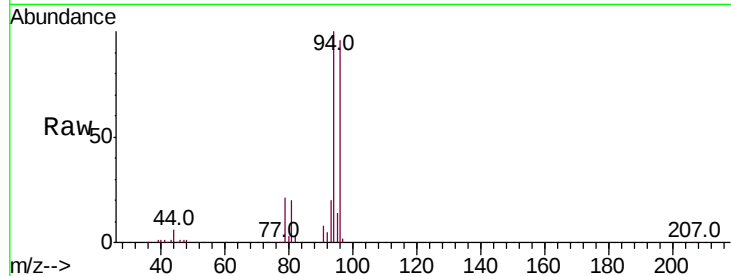
VSTDCCC050

Tot Ion: 94 Resp: 118456

Ion Ratio Lower Upper

94 100

96 95.9 74.5 111.7



#6

Chloroethane

Concen: 43.247 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063448.D

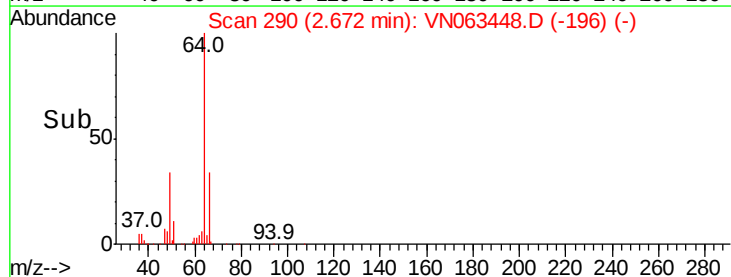
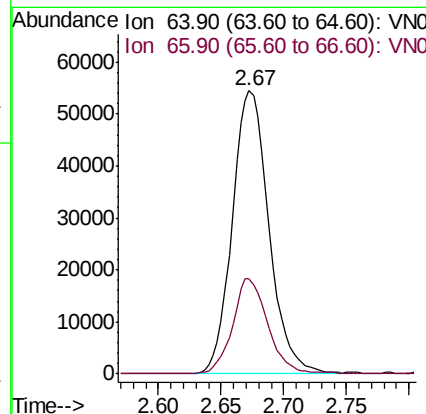
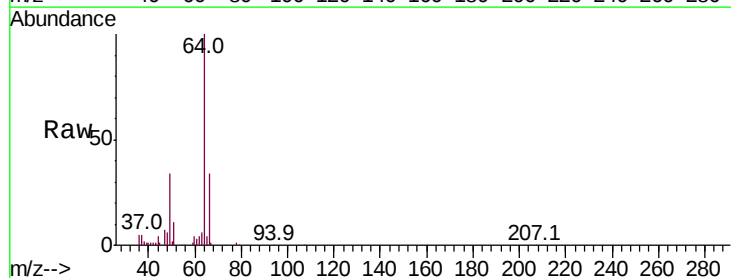
Acq: 18 Sep 2020 10:32

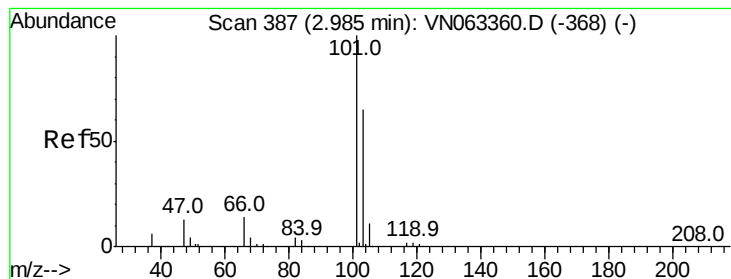
Tgt Ion: 64 Resp: 110724

Ion Ratio Lower Upper

64 100

66 33.6 26.9 40.3





#7

Trichlorofluoromethane

Concen: 47.572 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

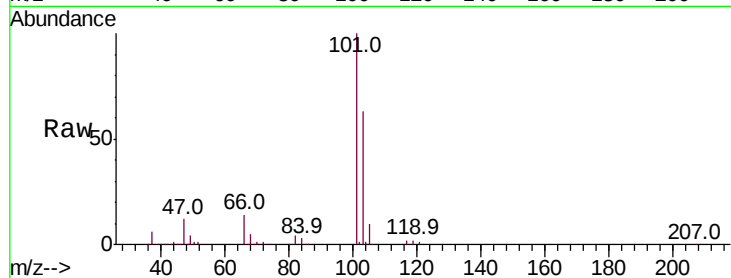
VSTDCCC050

Tot Ion:101 Resp: 296035

Ion Ratio Lower Upper

101 100

103 62.9 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.99

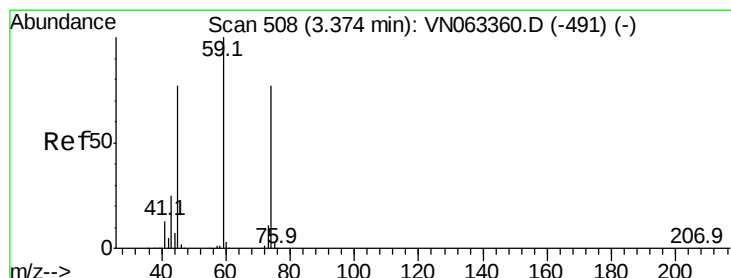
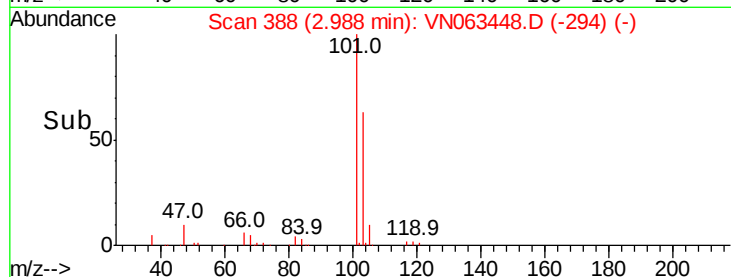
150000

100000

50000

0

Time--> 2.90 3.00 3.10



#8

Diethyl Ether

Concen: 45.383 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063448.D

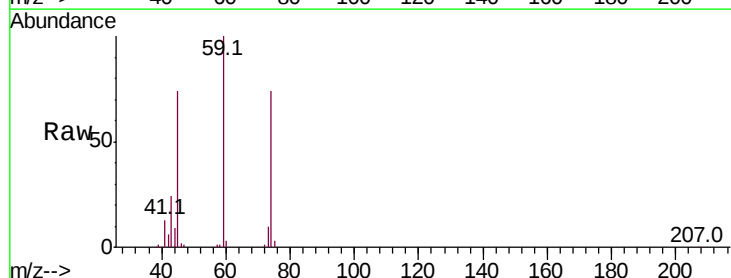
Acq: 18 Sep 2020 10:32

Tgt Ion: 74 Resp: 110092

Ion Ratio Lower Upper

74 100

45 100.4 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

3.37

60000

50000

40000

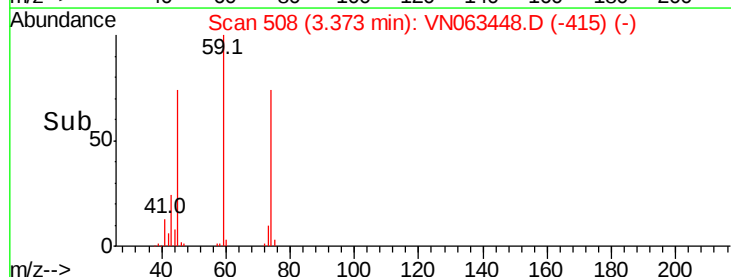
30000

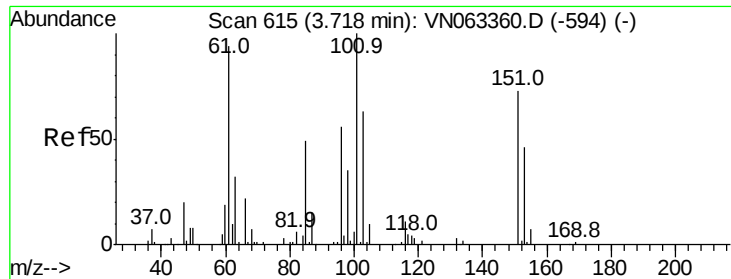
20000

10000

0

Time--> 3.30 3.40 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.747 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

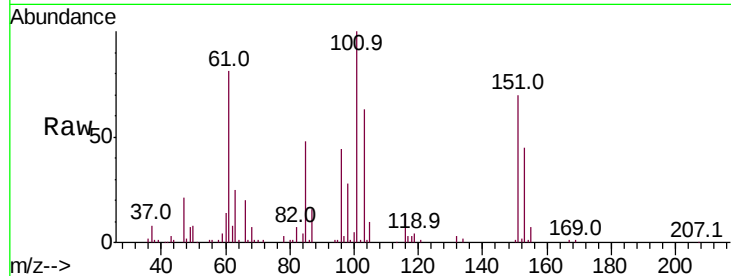
Tot Ion:101 Resp: 163597

Ion Ratio Lower Upper

101 100

85 47.5 37.7 56.5

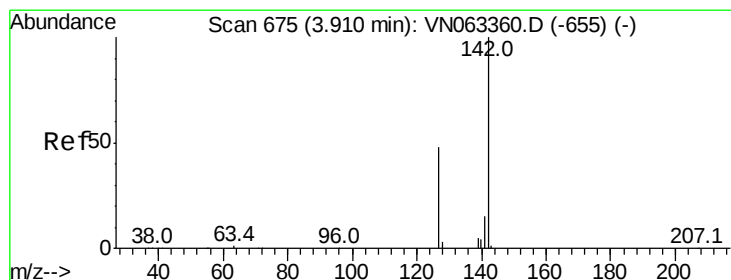
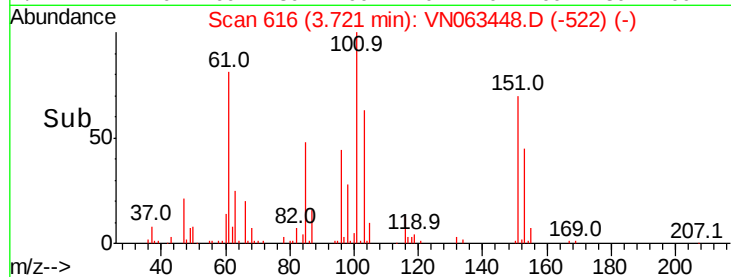
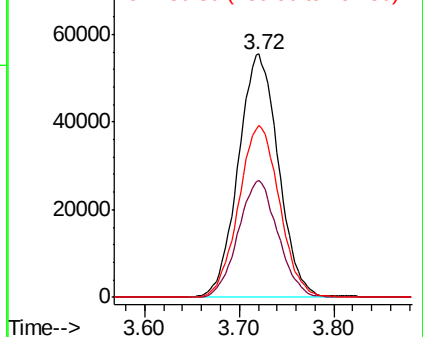
151 71.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.018 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

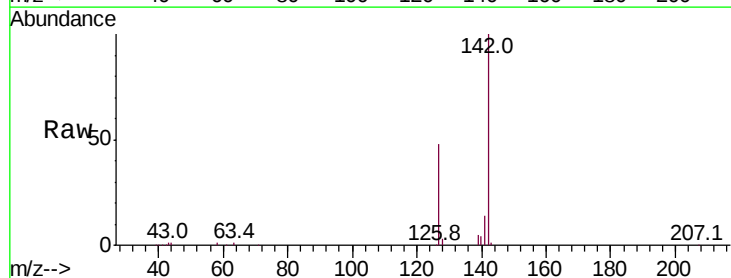
Tgt Ion:142 Resp: 209670

Ion Ratio Lower Upper

142 100

127 47.9 39.0 58.6

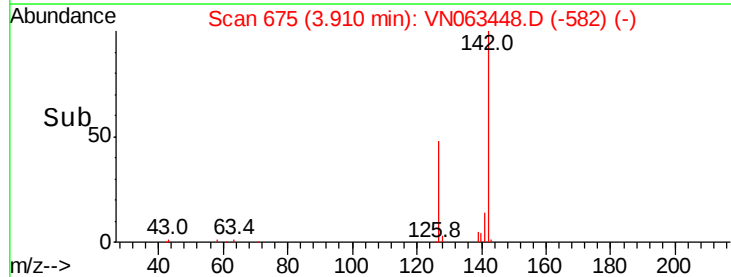
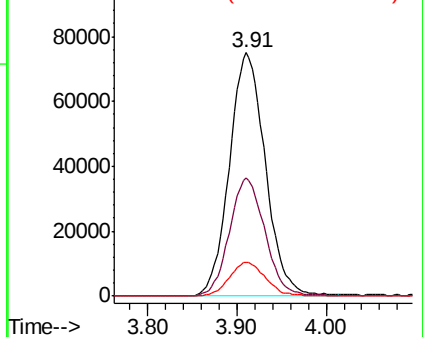
141 13.9 11.6 17.4

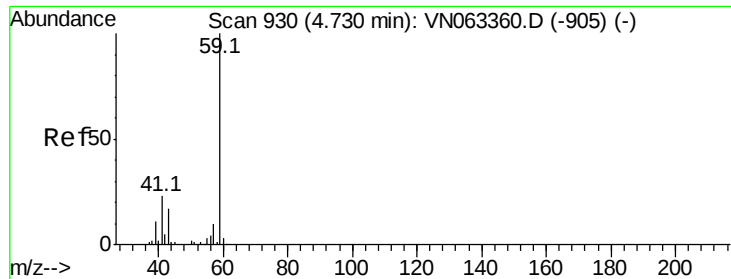


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

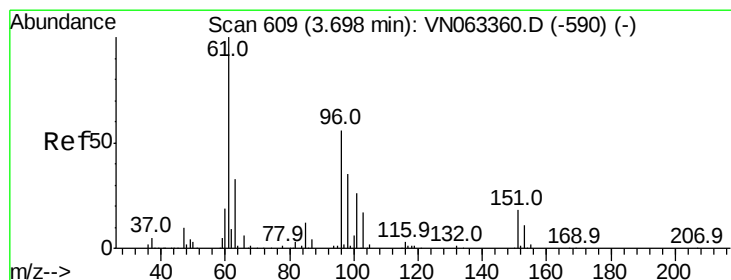
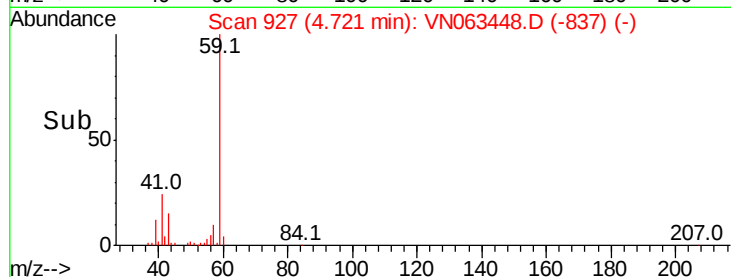
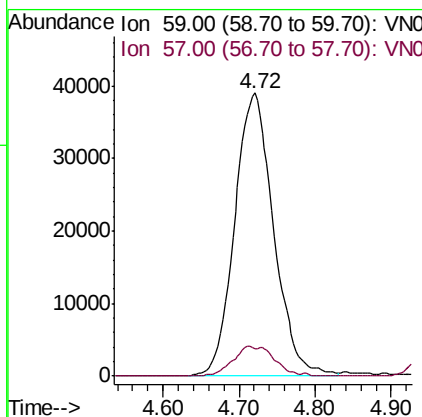
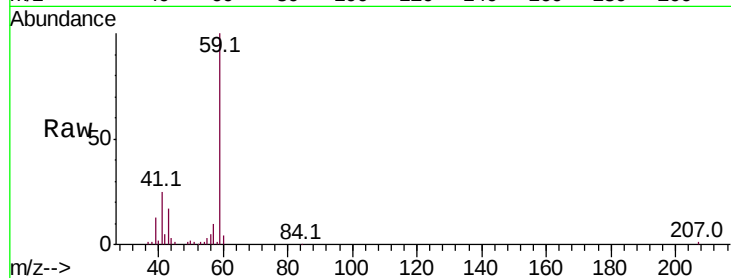




#11
Tert butyl alcohol
Concen: 187.727 ug/l
RT: 4.72 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

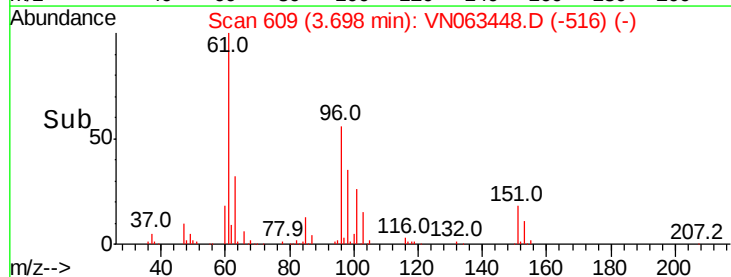
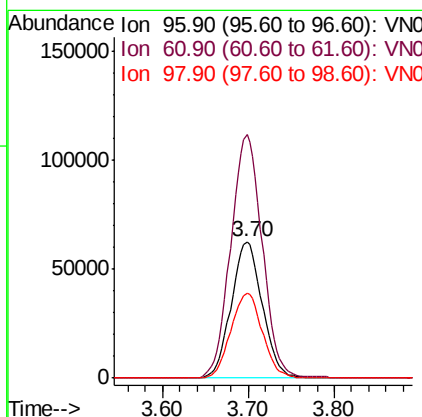
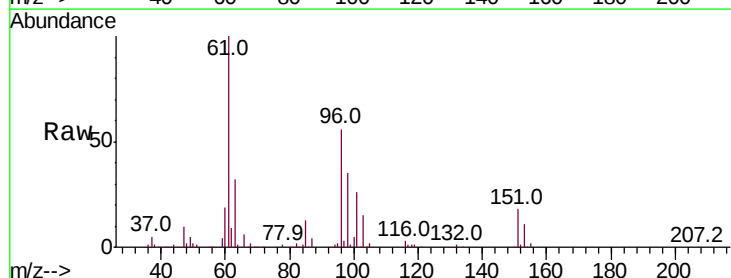
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

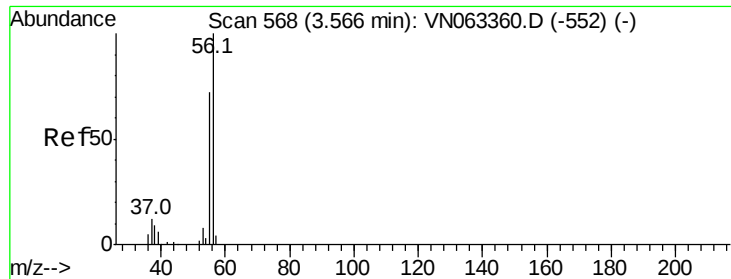
Tot Ion: 59 Resp: 139057
Ion Ratio Lower Upper
59 100
57 5.9 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 44.310 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 96 Resp: 157064
Ion Ratio Lower Upper
96 100
61 178.8 143.4 215.2
98 62.3 50.6 76.0





#13

Acrolein

Concen: 246.073 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

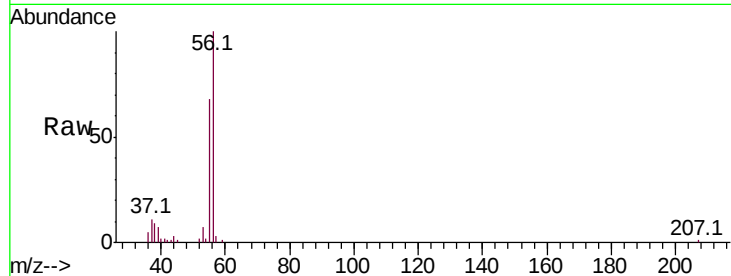
VSTDCCC050

Tot Ion: 56 Resp: 67549

Ion Ratio Lower Upper

56 100

55 69.3 58.2 87.2

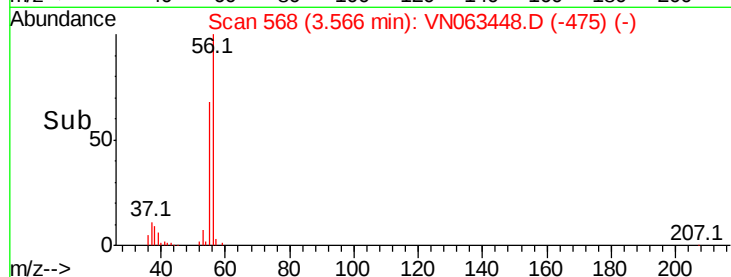


Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-552) (-)

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

3.57

Time-->

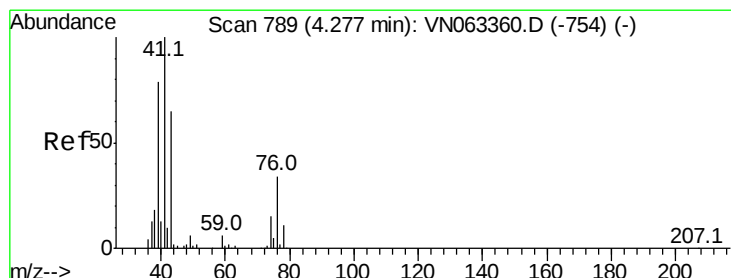


Abundance Ion 56.00 (55.70 to 56.70): VN063448.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN063448.D (-475) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 44.483 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

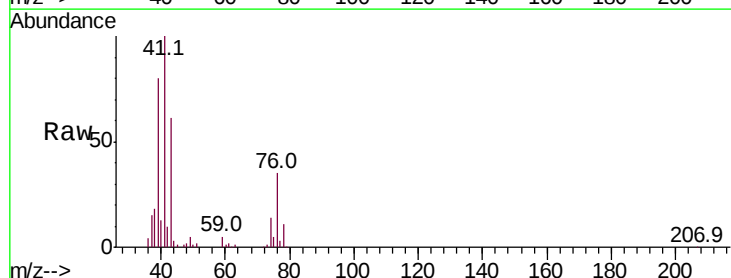
Tgt Ion: 41 Resp: 311889

Ion Ratio Lower Upper

41 100

39 75.3 59.3 88.9

76 31.7 25.3 37.9



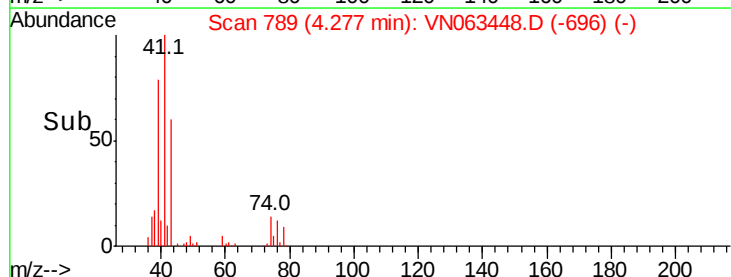
Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-754) (-)

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-->



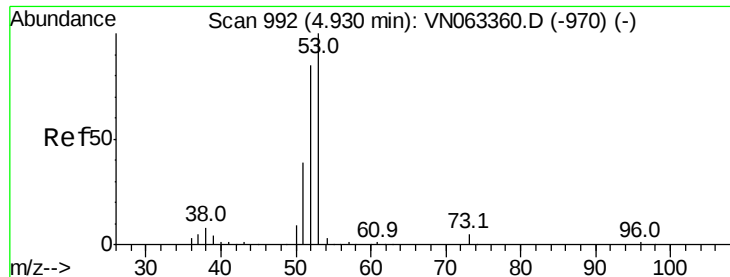
Abundance Ion 41.00 (40.70 to 41.70): VN063448.D (-696) (-)

Ion 39.00 (38.70 to 39.70): VN063448.D (-696) (-)

Ion 75.90 (75.60 to 76.60): VN063448.D (-696) (-)

4.28

Time-->



#15

Acrylonitrile

Concen: 214.269 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

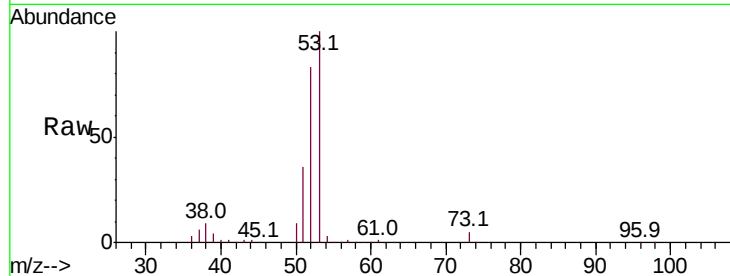
Tot Ion: 53 Resp: 403726

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

51 37.4 30.2 45.4



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

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

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

4.92

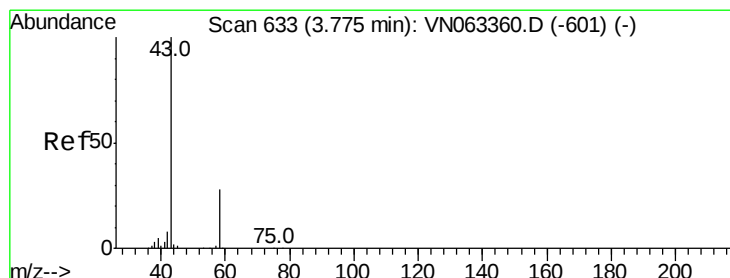
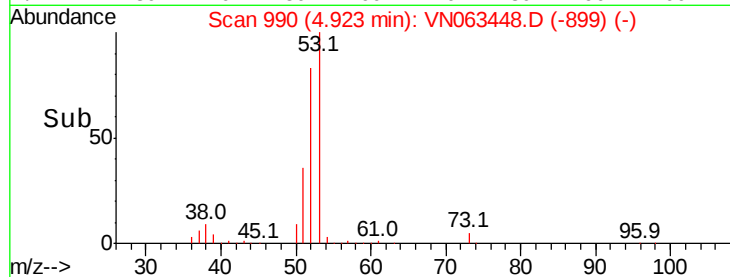
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 200.405 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063448.D

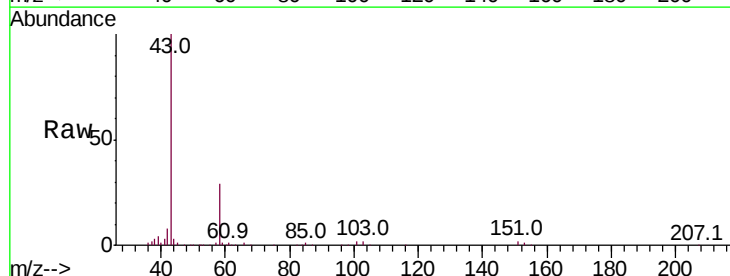
Acq: 18 Sep 2020 10:32

Tgt Ion: 43 Resp: 344379

Ion Ratio Lower Upper

43 100

58 28.9 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) (-)

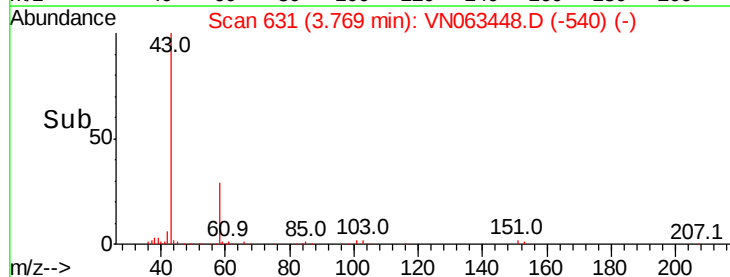
150000

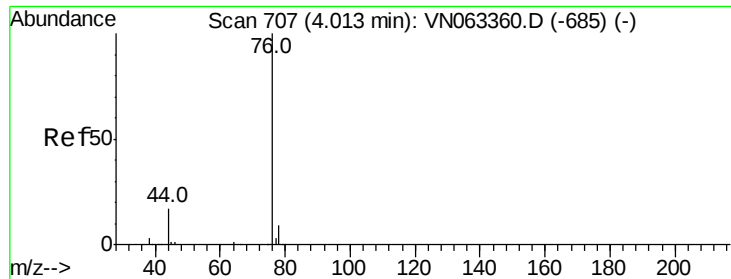
100000

50000

0

Time-->

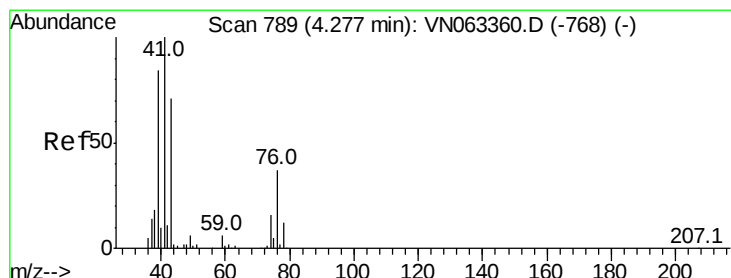
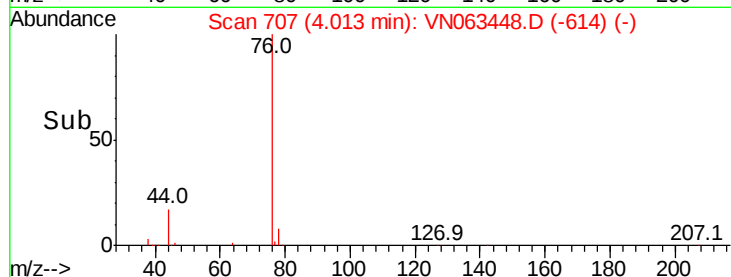
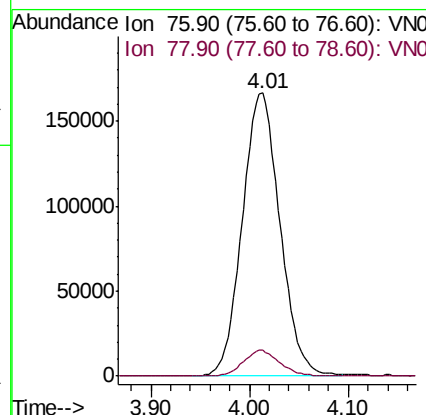
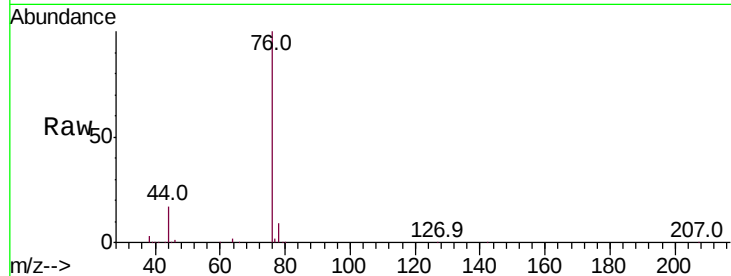




#17
Carbon Disulfide
Concen: 42.595 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

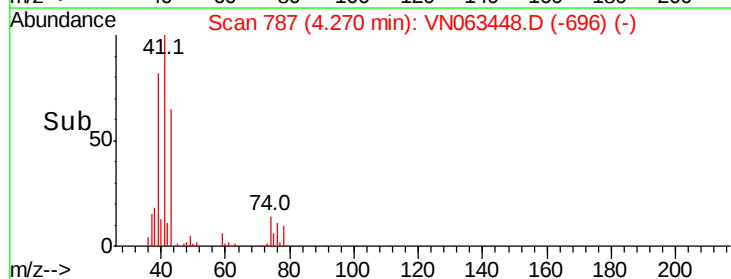
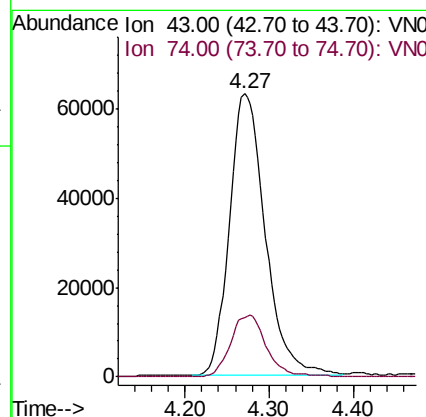
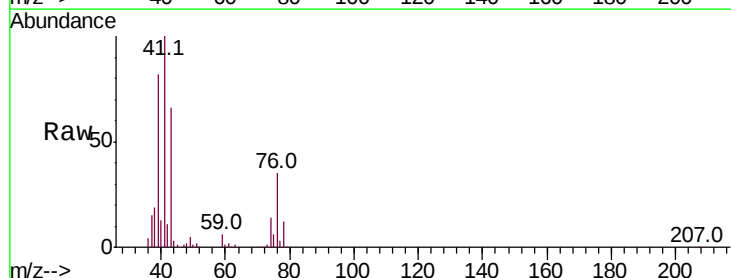
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

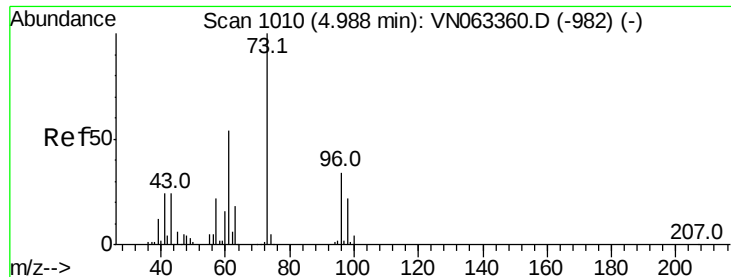
Tot Ion: 76 Resp: 439175
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 42.803 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.01 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 43 Resp: 186727
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2

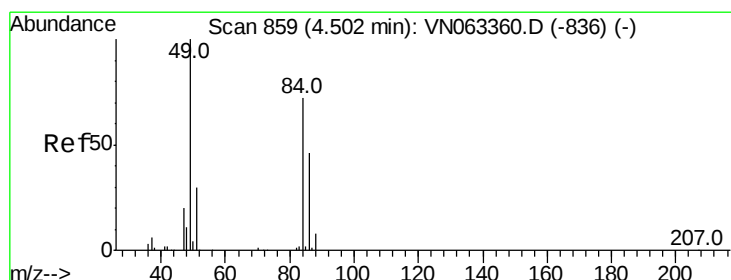
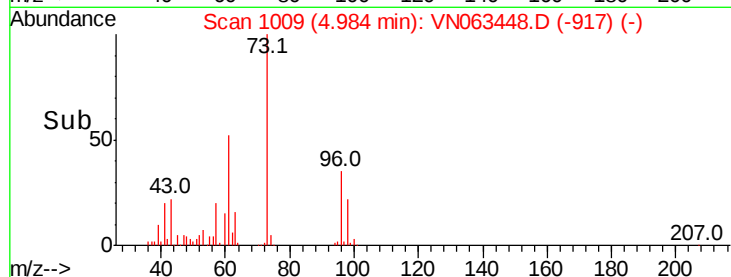
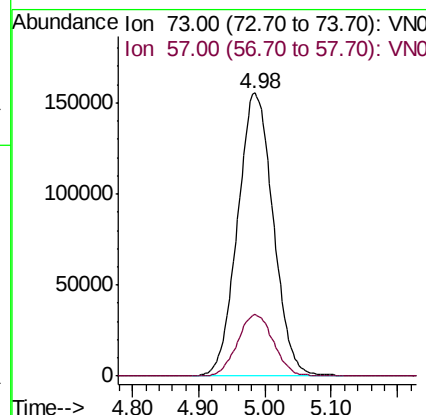
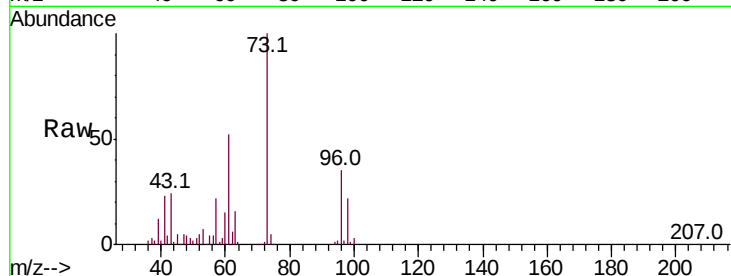




#19
Methyl tert-butyl Ether
Concen: 43.931 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

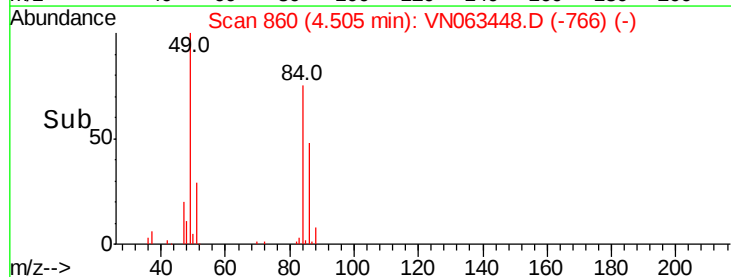
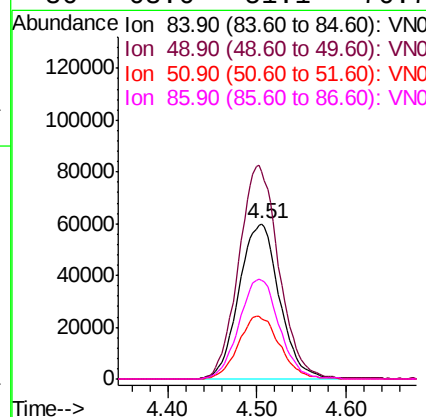
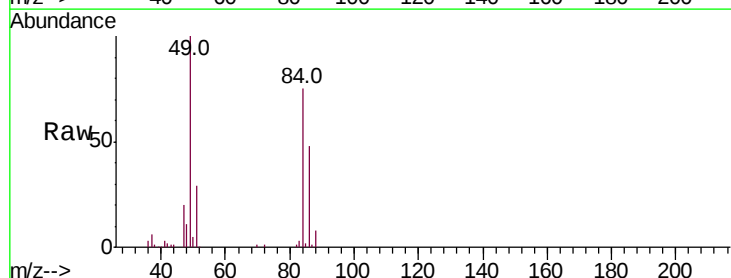
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

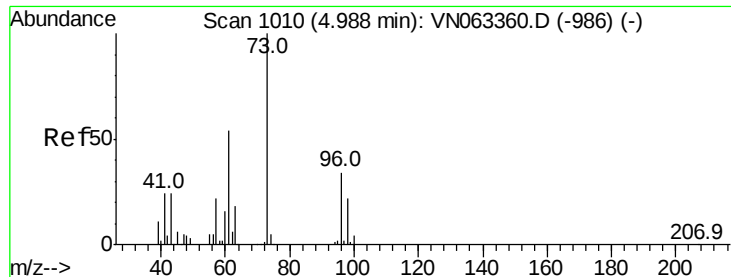
Tot Ion: 73 Resp: 580383
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9



#20
Methylene Chloride
Concen: 43.433 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 84 Resp: 189099
Ion Ratio Lower Upper
84 100
49 133.8 110.7 166.1
51 39.2 32.9 49.3
86 63.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 43.710 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

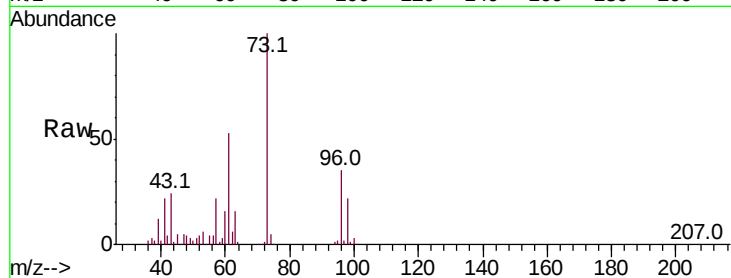
Tot Ion: 96 Resp: 171658

Ion Ratio Lower Upper

96 100

61 149.8 126.2 189.4

98 62.6 51.0 76.4

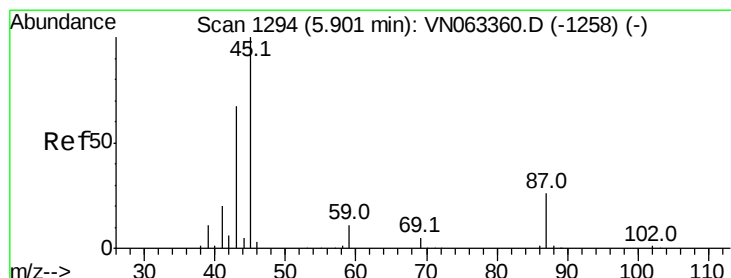
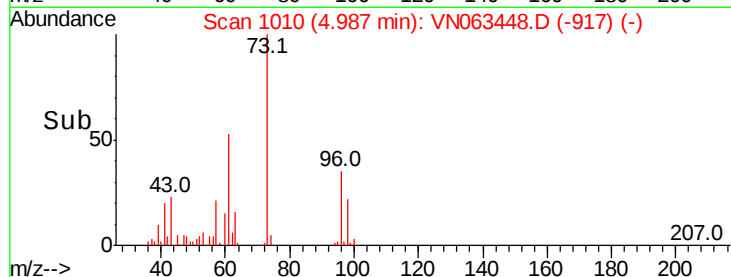
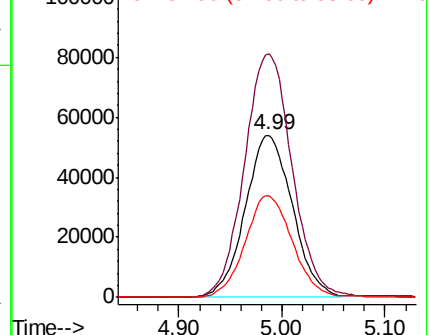


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 43.682 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Tgt Ion: 45 Resp: 624643

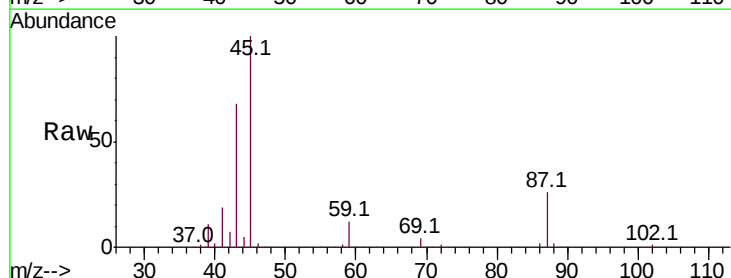
Ion Ratio Lower Upper

45 100

43 66.0 53.5 80.3

87 25.6 21.2 31.8

59 11.2 8.8 13.2



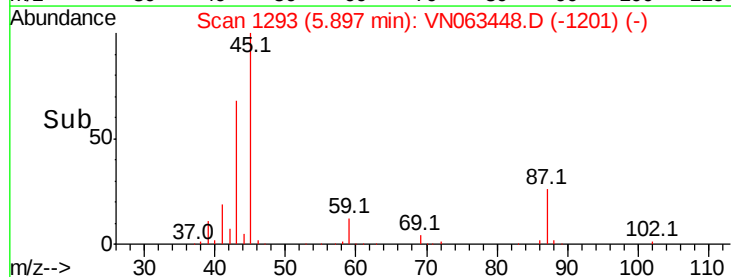
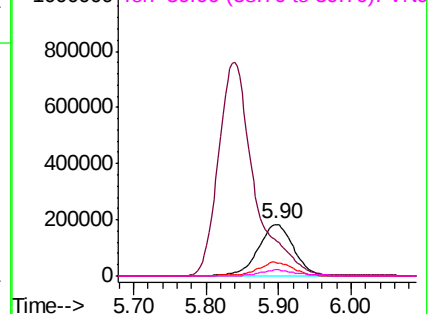
Abundance

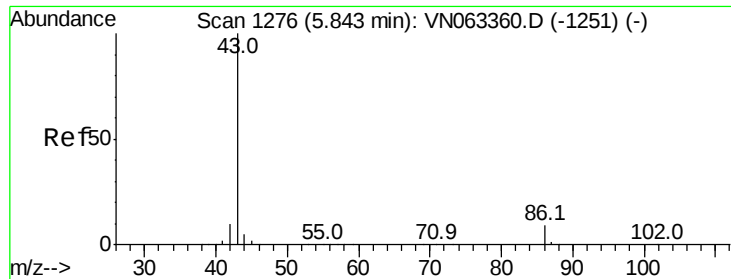
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

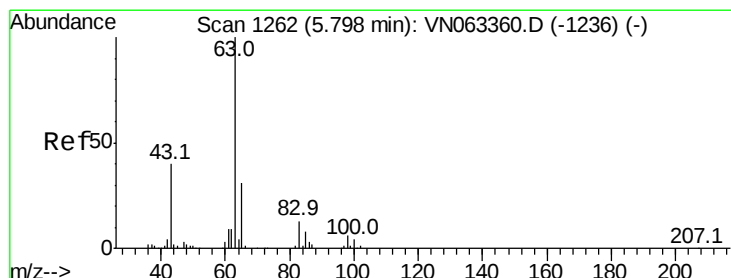
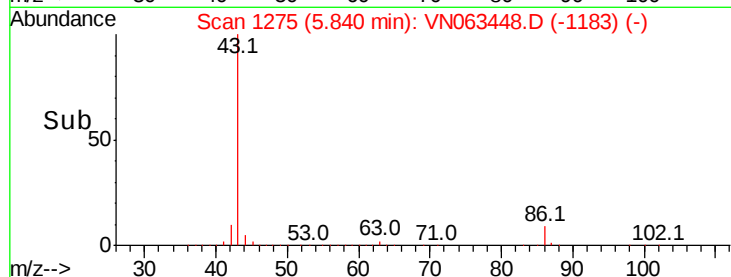
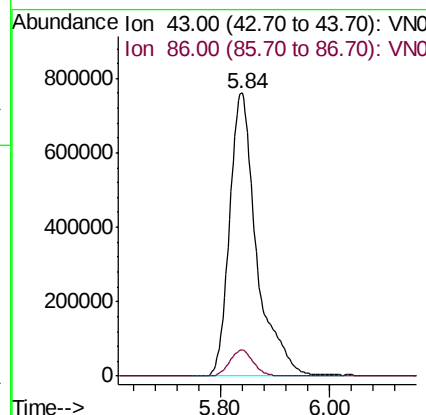
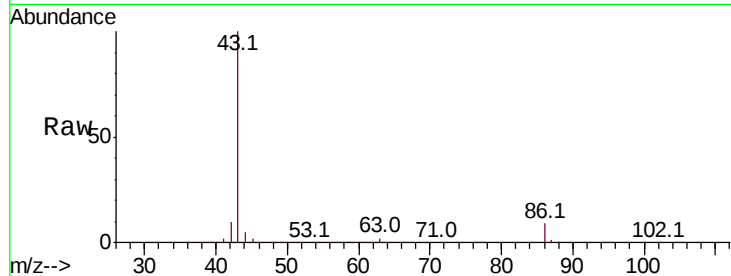




#23
 Vinyl Acetate
 Concen: 222.969 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

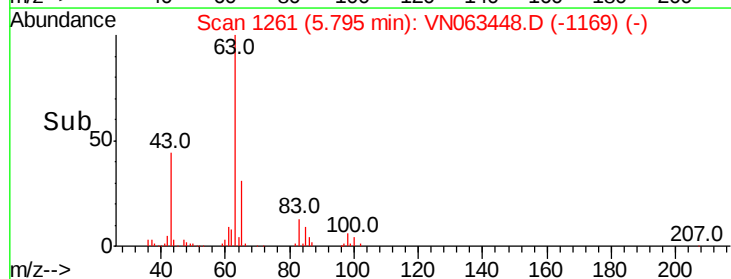
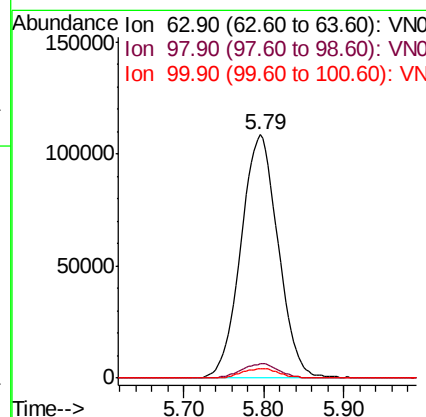
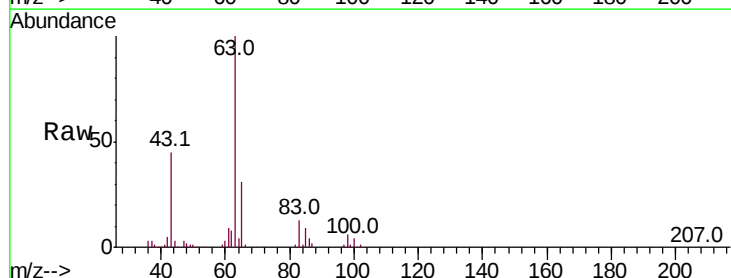
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

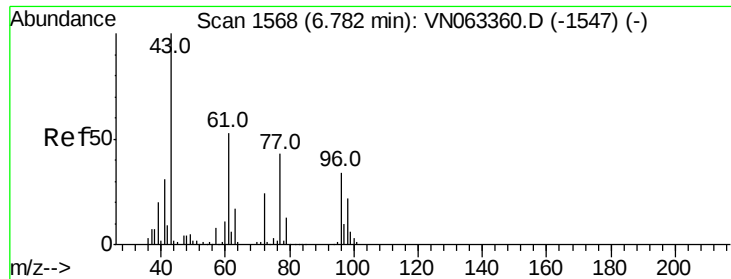
Tot Ion: 43 Resp: 2618518
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 43.956 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

Tgt Ion: 63 Resp: 343165
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 4.0 2.1 6.3

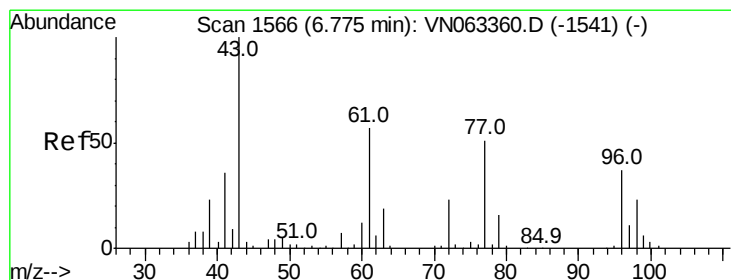
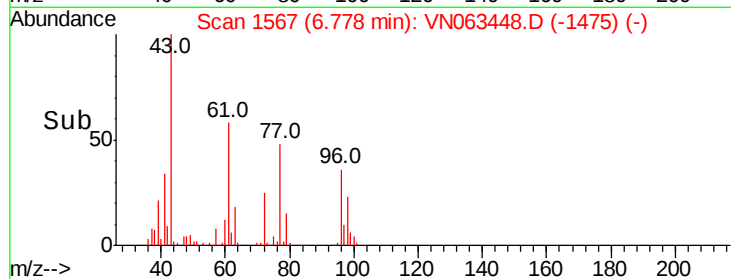
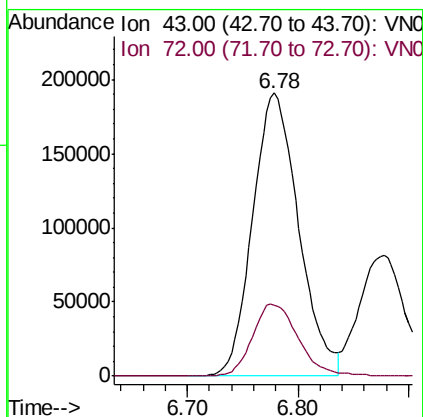
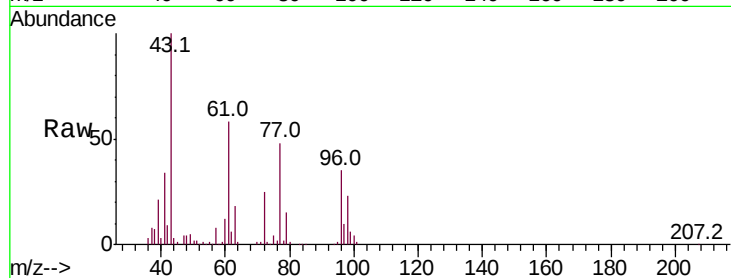




#25
2-Butanone
Concen: 207.761 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

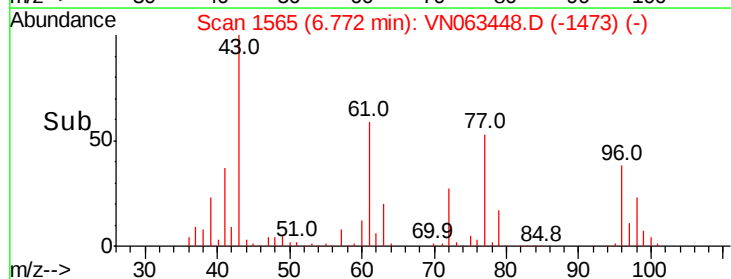
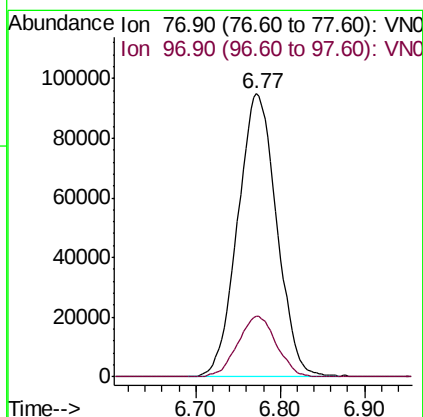
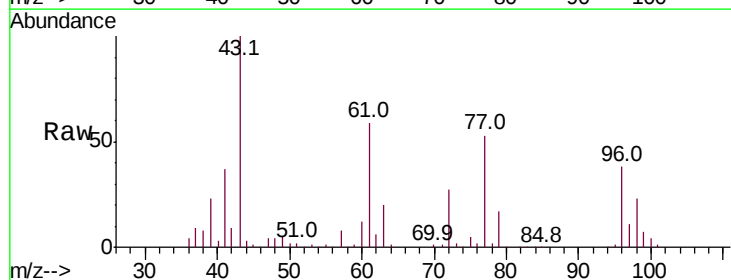
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

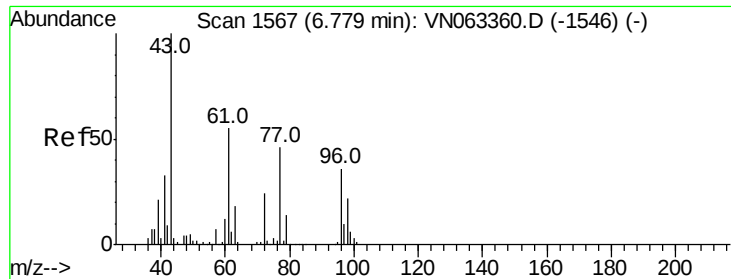
Tot Ion: 43 Resp: 549090
Ion Ratio Lower Upper
43 100
72 25.1 19.2 28.8



#26
2,2-Dichloropropane
Concen: 44.321 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 77 Resp: 304644
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.6

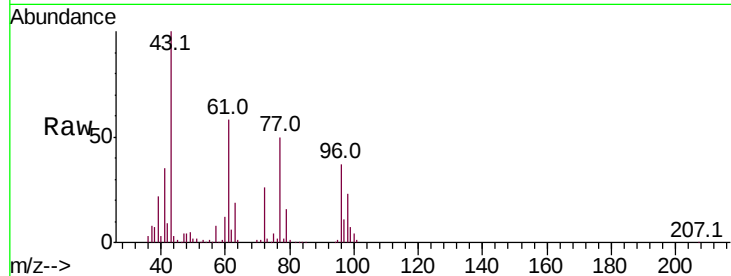




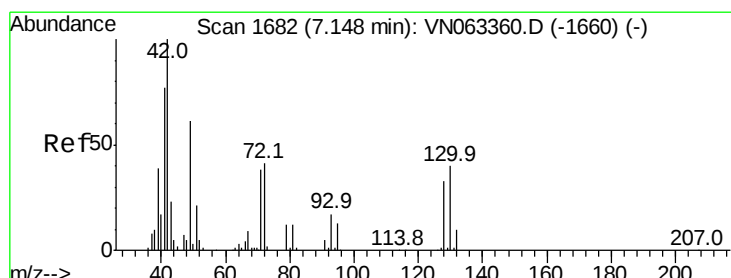
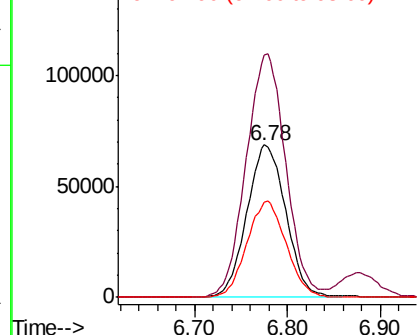
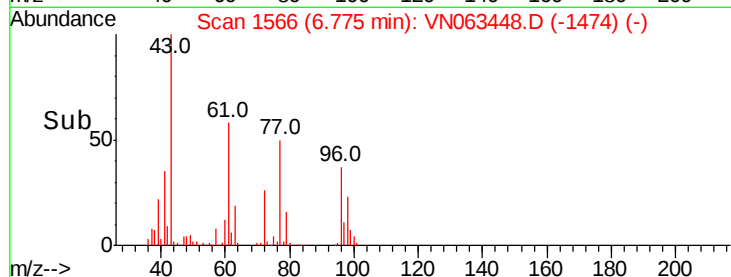
#27
 cis-1,2-Dichloroethene
 Concen: 45.244 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 201116
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 319.6
 98 63.4 0.0 127.8

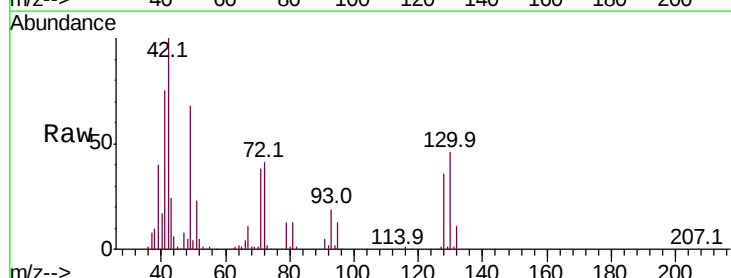


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

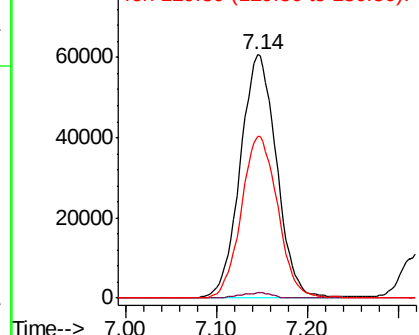
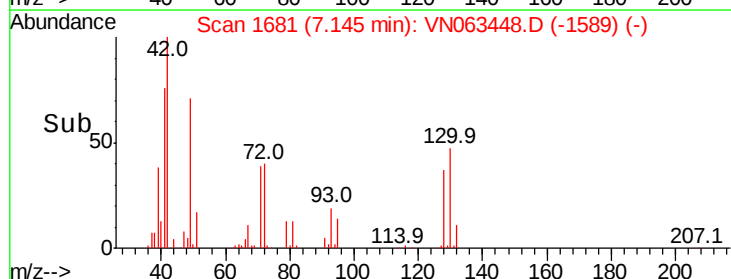


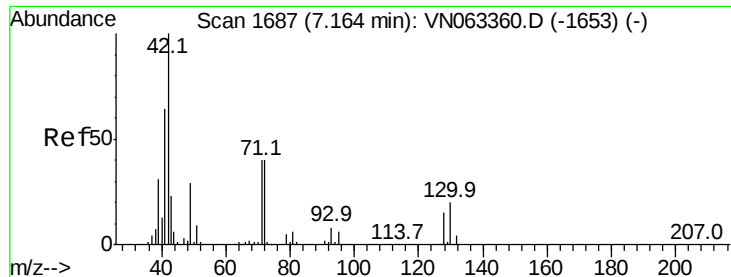
#28
 Bromochloromethane
 Concen: 46.694 ug/l
 RT: 7.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

Tgt Ion: 49 Resp: 168318
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 66.4 52.2 78.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

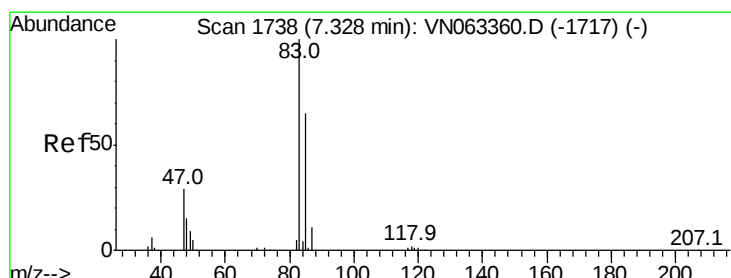
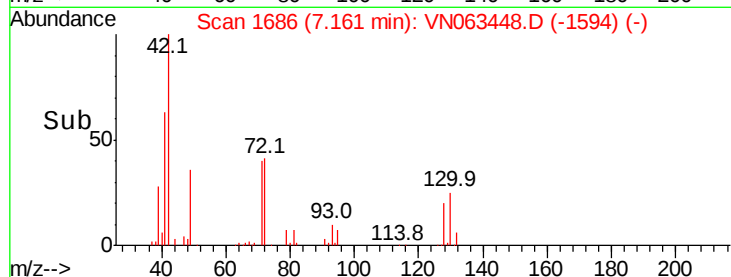
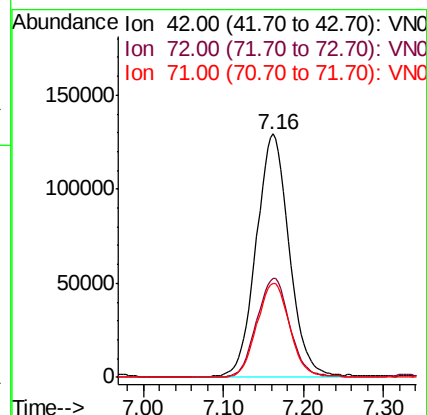
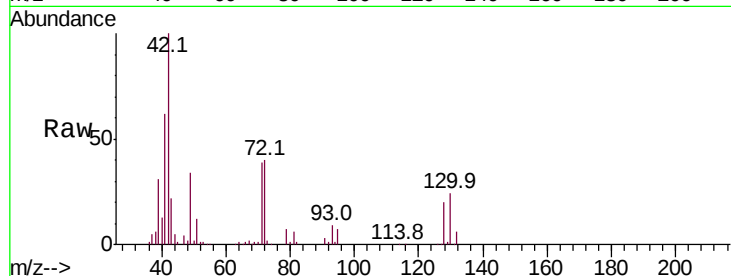




#29
Tetrahydrofuran
Concen: 203.368 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

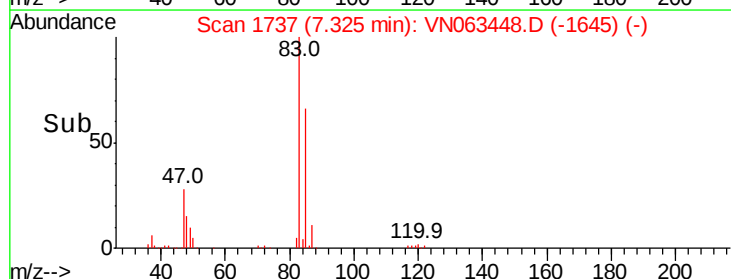
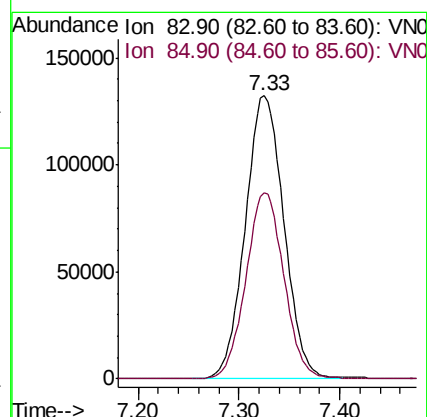
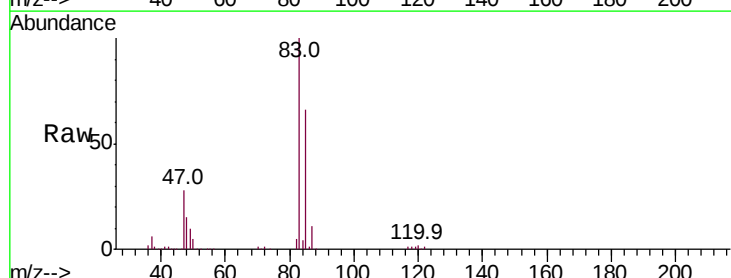
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

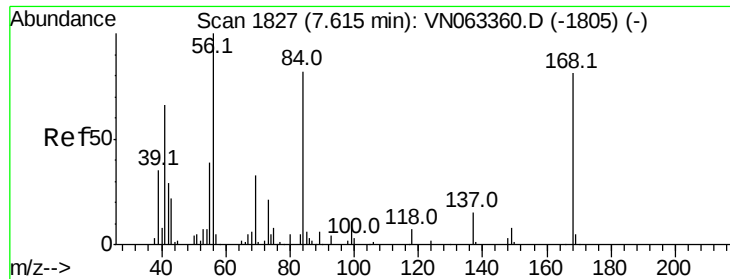
Tot Ion: 42 Resp: 367087
Ion Ratio Lower Upper
42 100
72 40.7 32.1 48.1
71 38.3 31.2 46.8



#30
Chloroform
Concen: 44.913 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 83 Resp: 351791
Ion Ratio Lower Upper
83 100
85 65.8 52.1 78.1

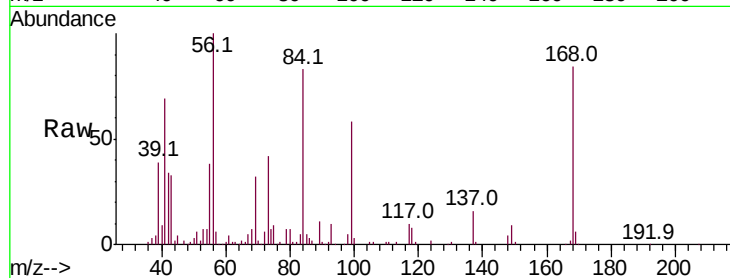




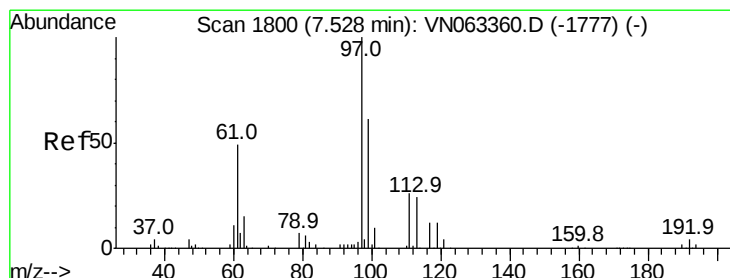
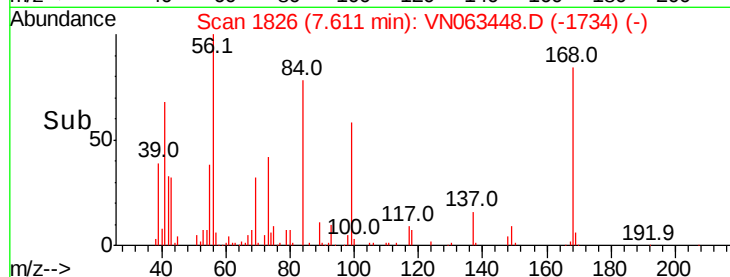
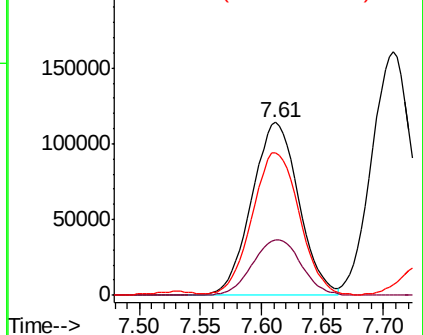
#31
Cyclohexane
Concen: 41.570 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 306980
Ion Ratio Lower Upper
56 100
69 31.7 26.1 39.1
84 80.9 65.4 98.2

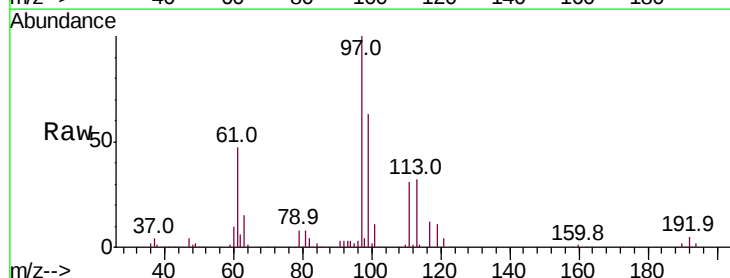


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

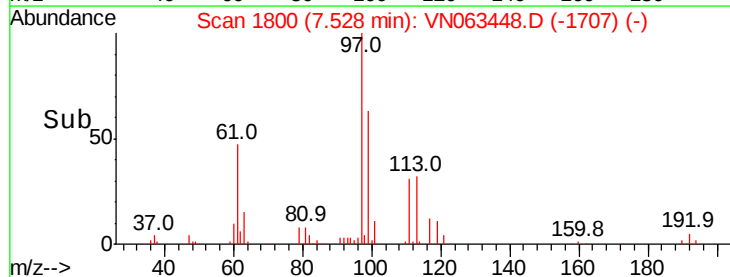
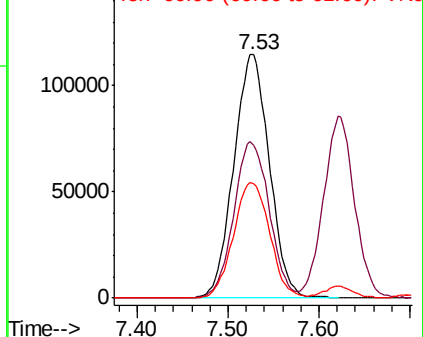


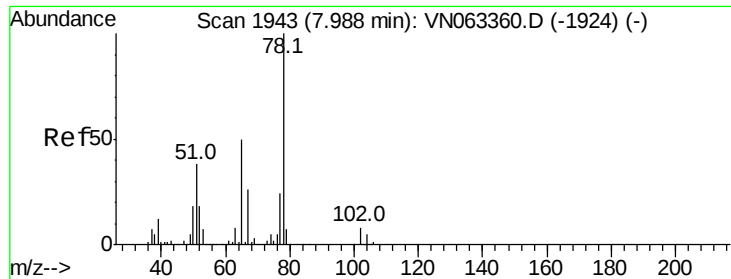
#32
1,1,1-Trichloroethane
Concen: 44.840 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 97 Resp: 312385
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 48.3 39.2 58.8



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





#33

1,2-Dichloroethane-d4

Concen: 42.972 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

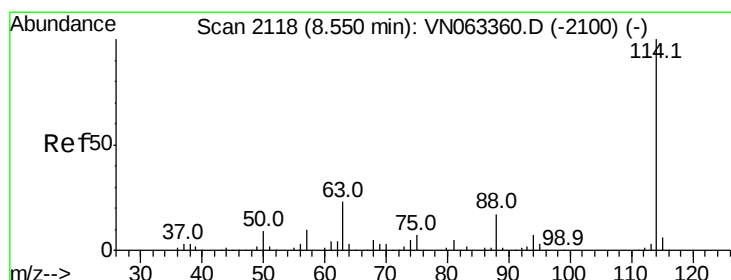
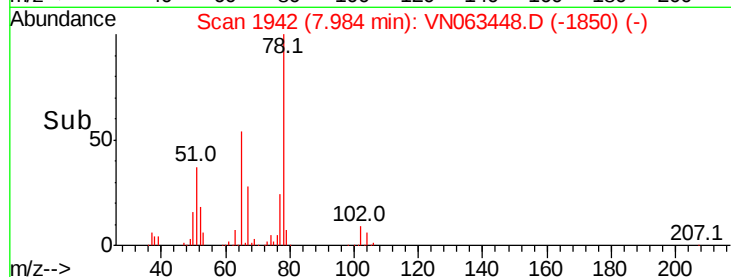
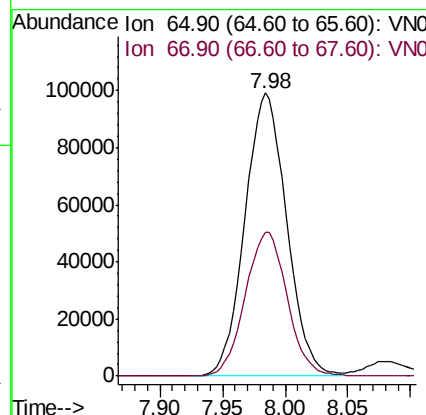
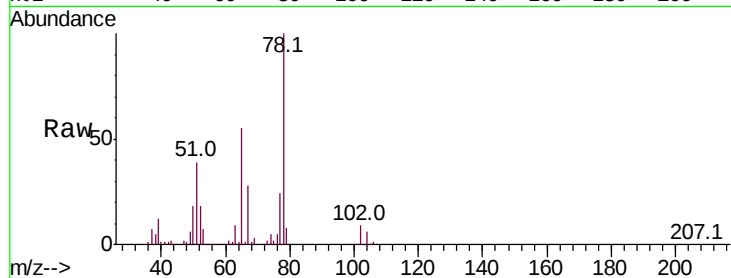
Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 65 Resp: 229769

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

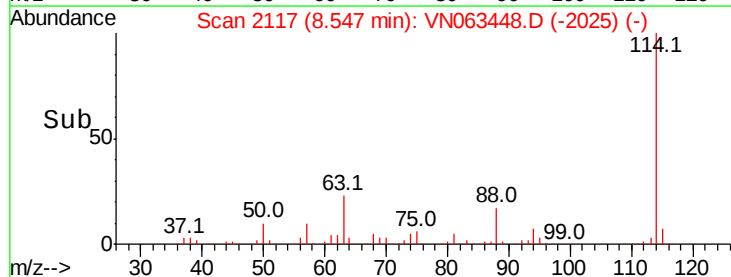
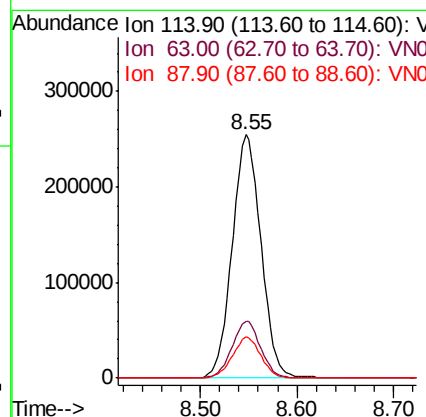
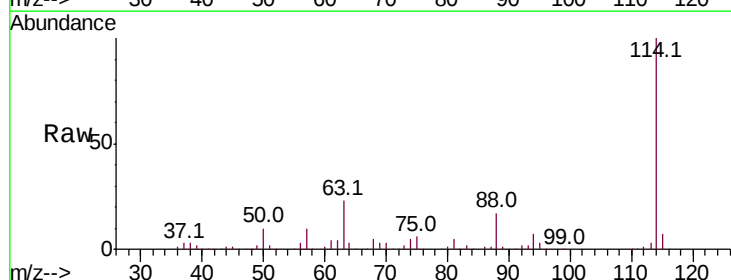
Delta R.T. -0.00 min

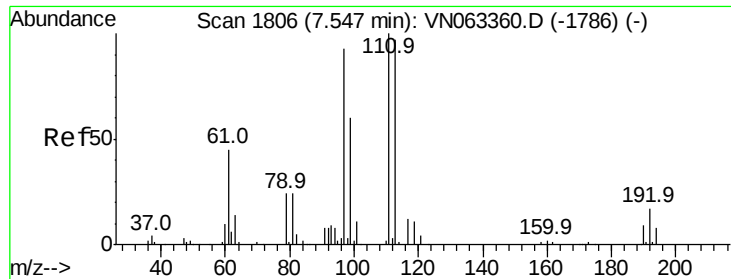
Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Tgt Ion: 114 Resp: 527059

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.4
88	16.8	0.0	33.2

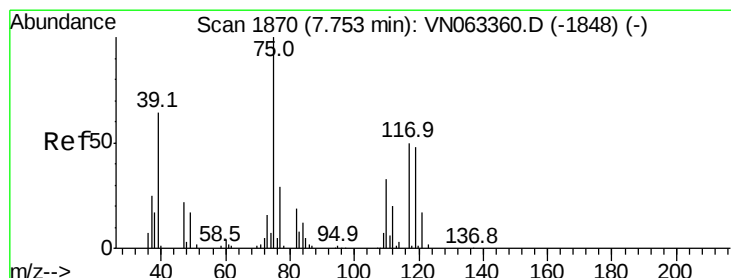
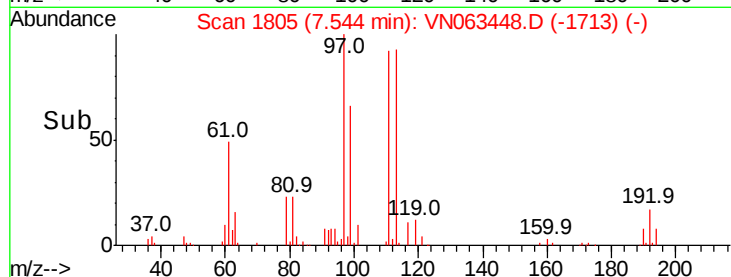
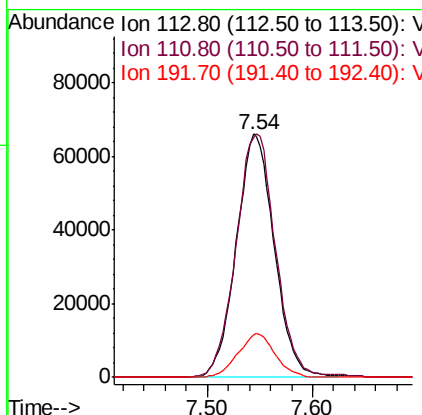
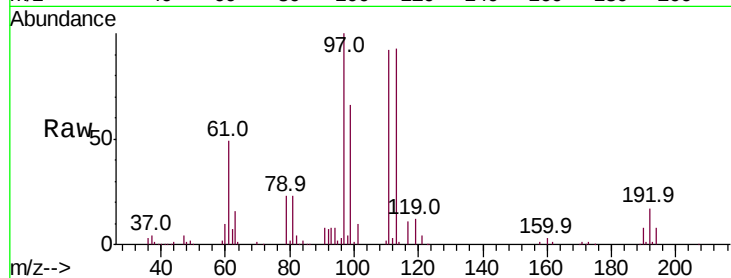




#35
 Dibromofluoromethane
 Concen: 45.265 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

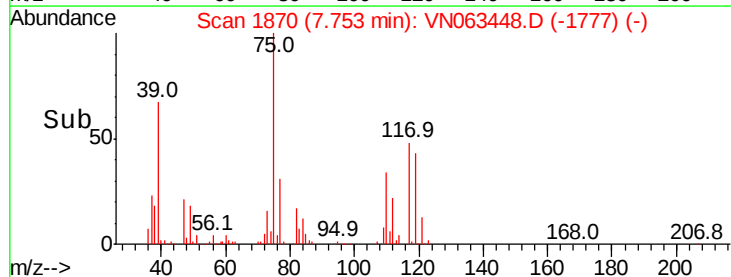
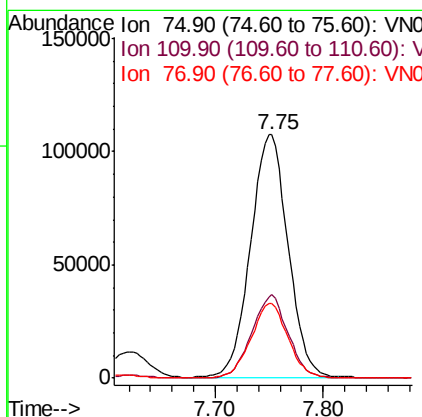
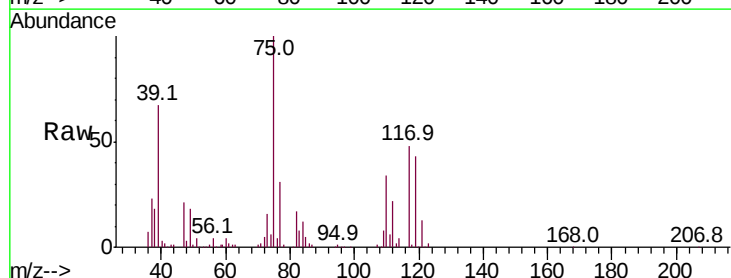
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

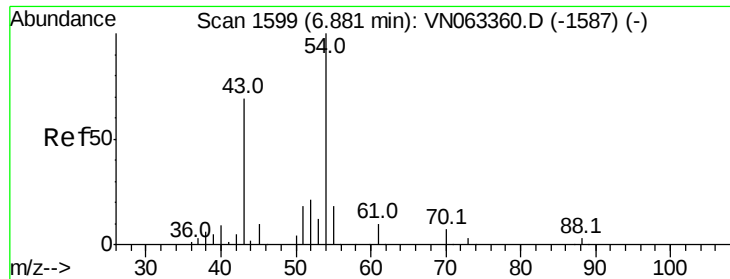
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	17.6	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 46.160 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.5	49.5
77	30.5	24.6	36.8

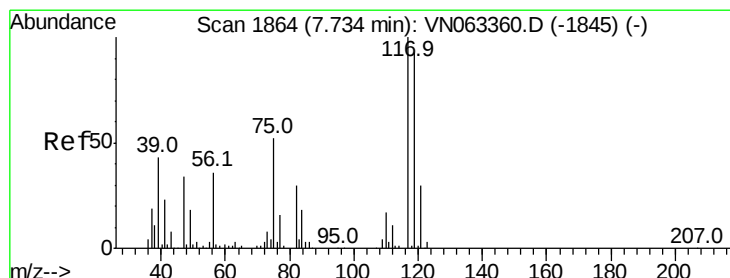
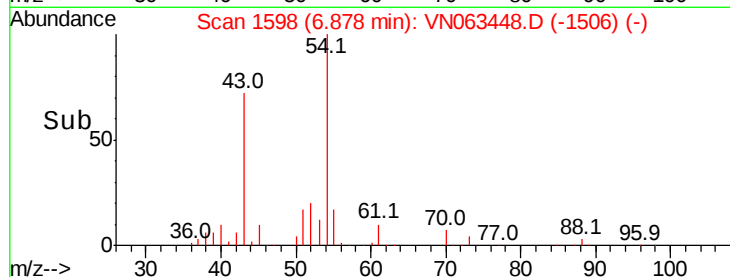
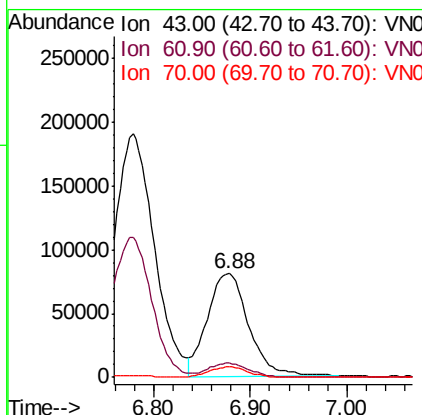
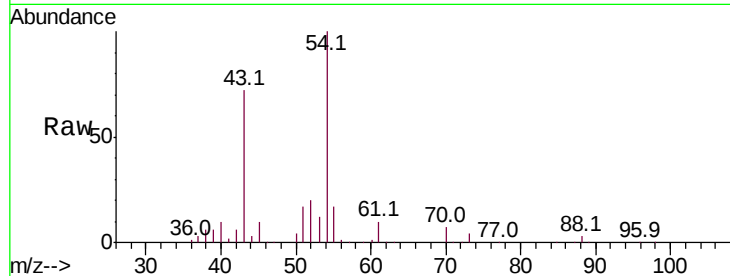




#37
Ethyl Acetate
Concen: 43.641 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

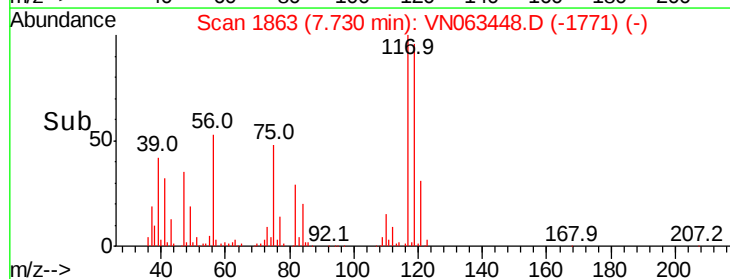
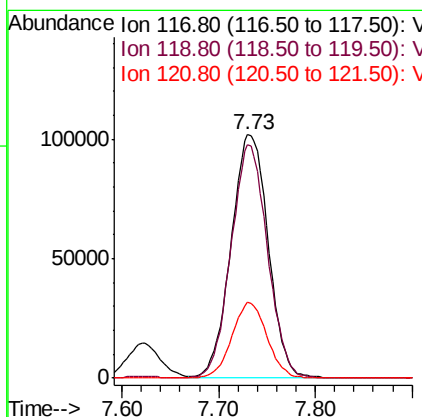
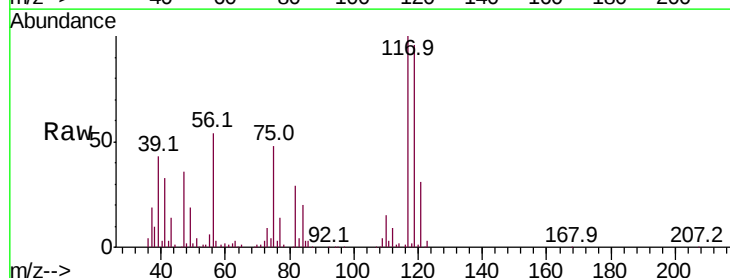
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

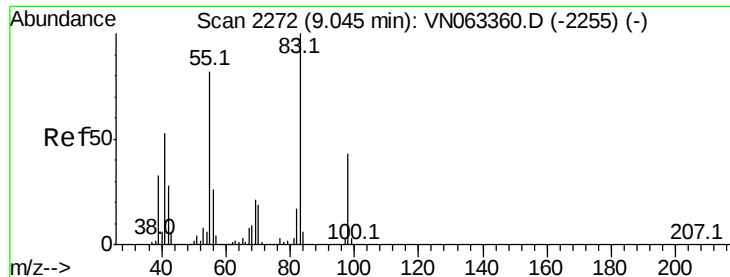
Tot Ion:	43	Resp:	240502
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	9.7	7.2	10.8



#38
Carbon Tetrachloride
Concen: 47.302 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion:	117	Resp:	271130
Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.5	111.7
121	31.0	24.1	36.1

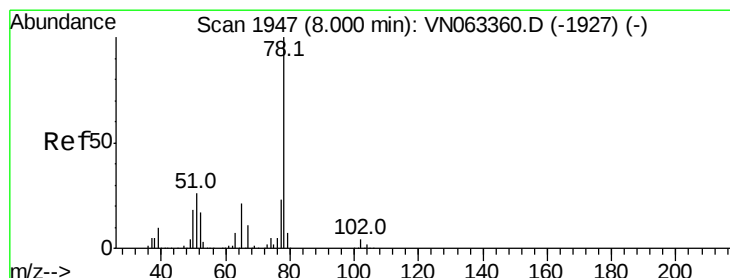
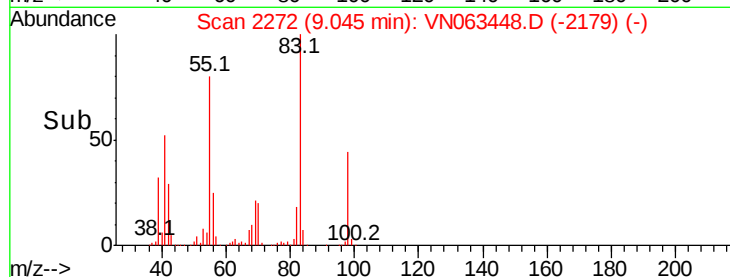
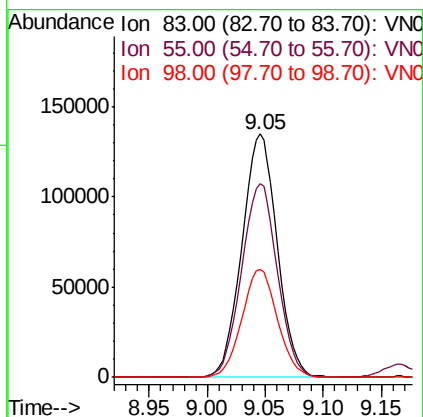
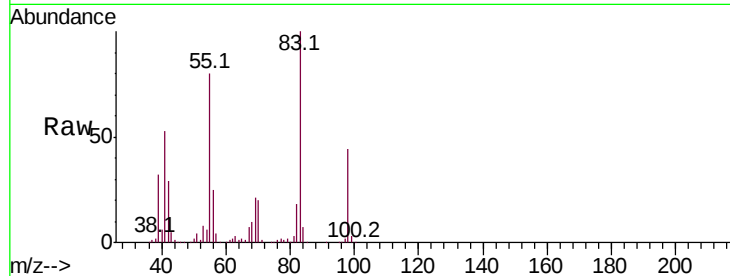




#39
Methvlcvclohexane
Concen: 46.882 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

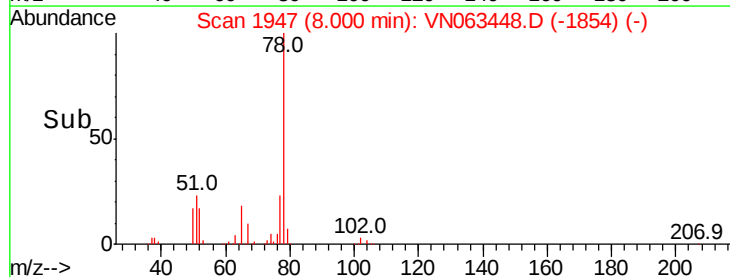
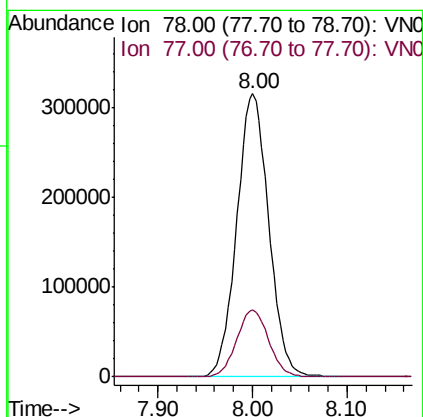
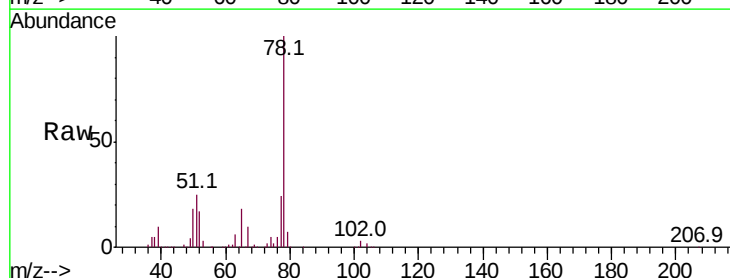
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

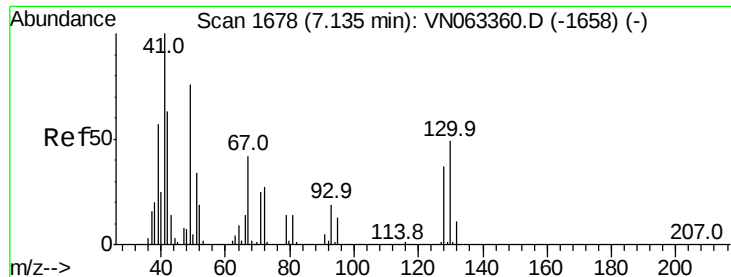
Tot Ion	83	Resp	285707
Ion Ratio	Lower	Upper	
83	100		
55	79.7	65.5	98.3
98	44.5	34.2	51.4



#40
Benzene
Concen: 46.213 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion	78	Resp	740747
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.3	27.5

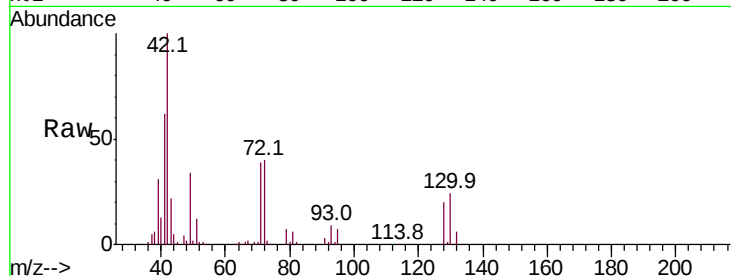




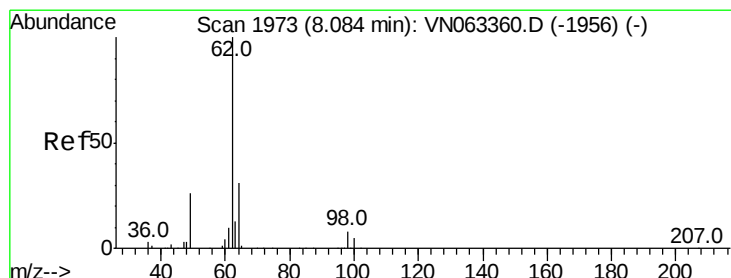
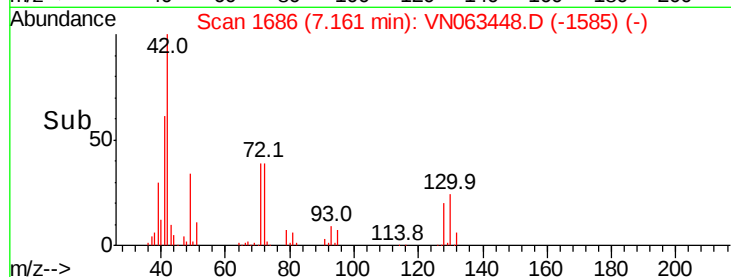
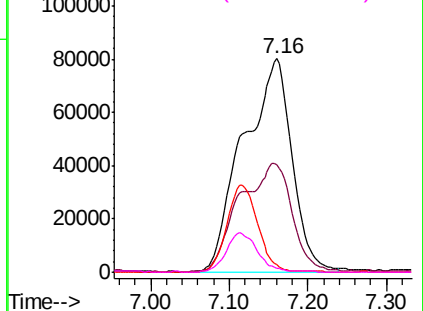
#41
Methacrylonitrile
Concen: 139.289 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	345245
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

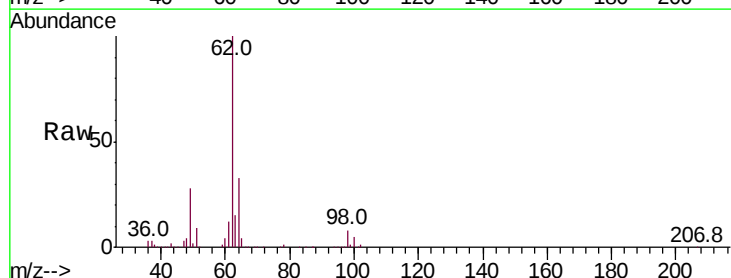


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

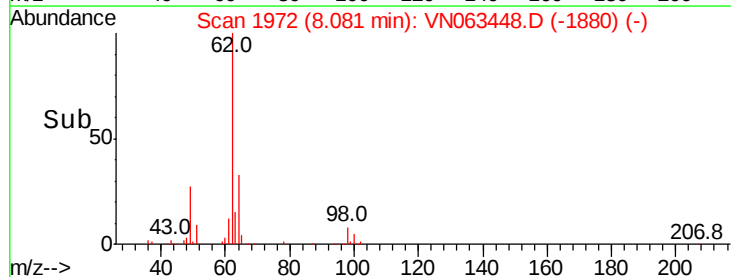
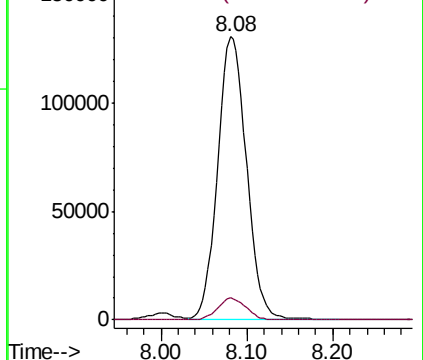


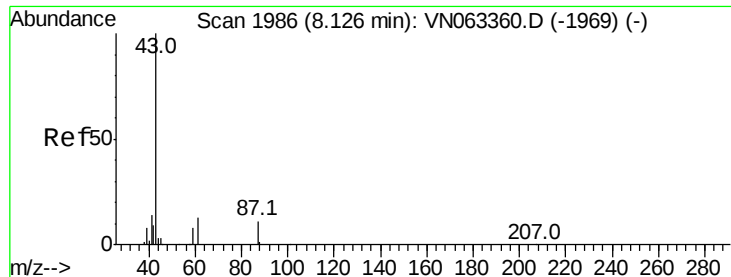
#42
1,2-Dichloroethane
Concen: 47.324 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion:	62	Resp:	305050
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 43.437 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

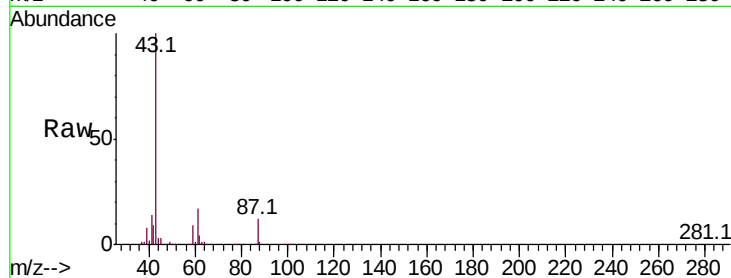
Tot Ion: 43 Resp: 428036

Ion Ratio Lower Upper

43 100

61 18.1 14.2 21.2

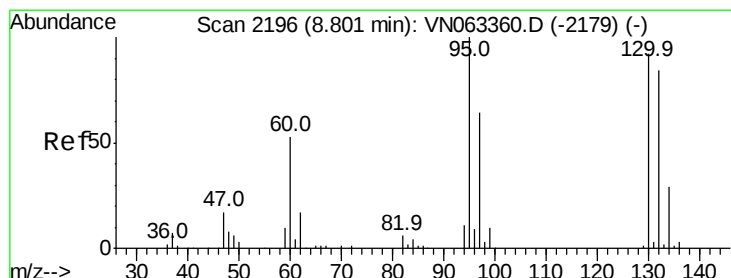
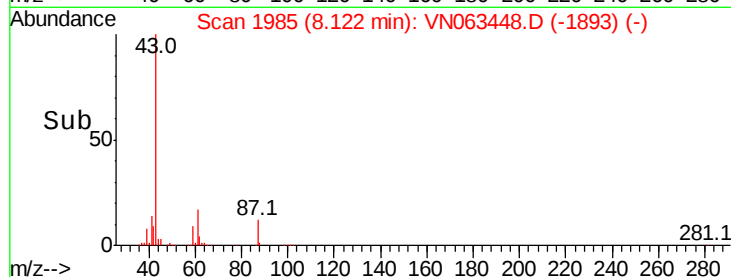
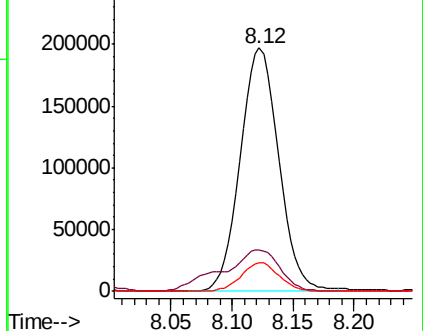
87 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 47.949 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063448.D

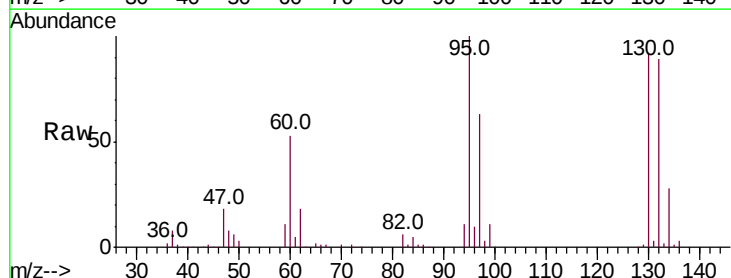
Acq: 18 Sep 2020 10:32

Tgt Ion:130 Resp: 186413

Ion Ratio Lower Upper

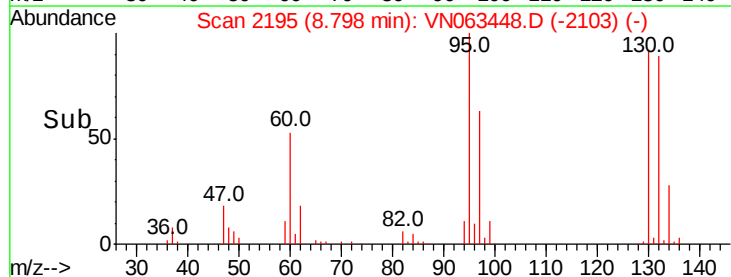
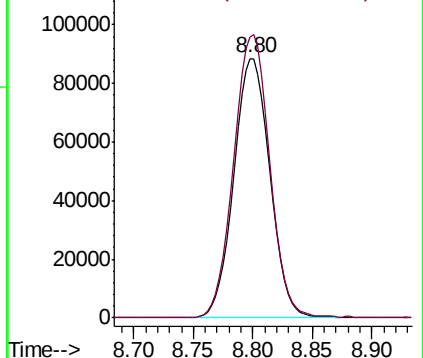
130 100

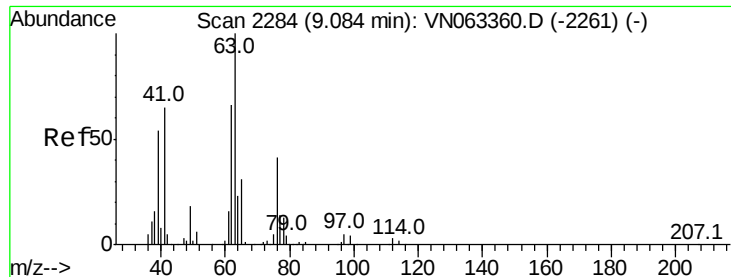
95 108.3 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 46.053 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

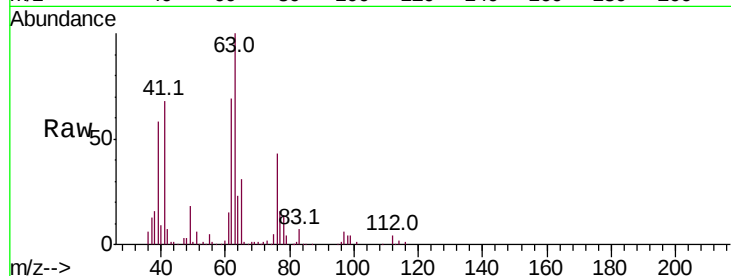
VSTDCCC050

Tot Ion: 63 Resp: 201048

Ion Ratio Lower Upper

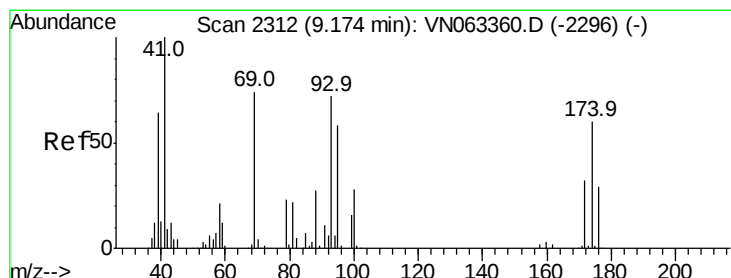
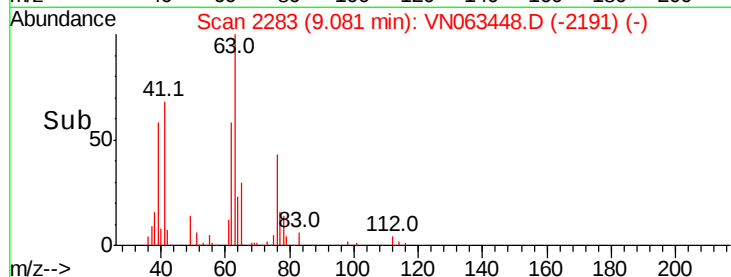
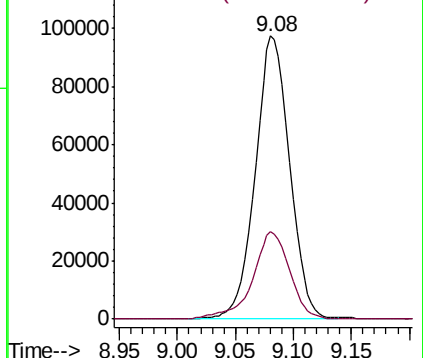
63 100

65 30.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 46.670 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

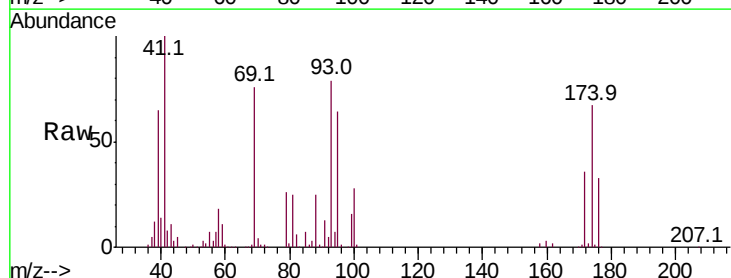
Tgt Ion: 93 Resp: 133911

Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

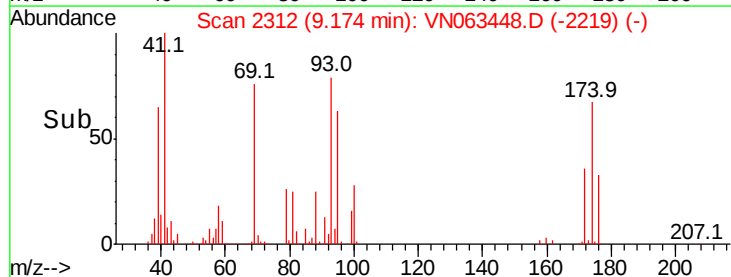
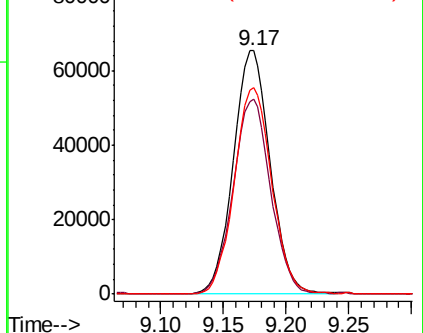
174 86.0 68.1 102.1

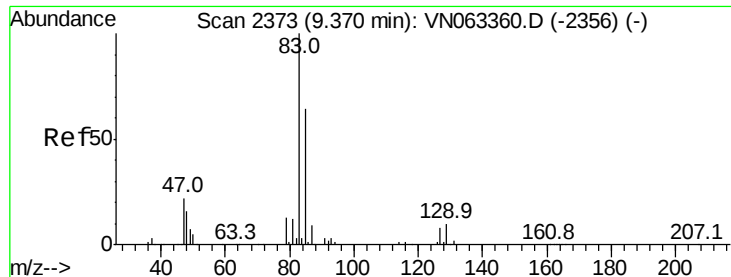


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 47.340 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

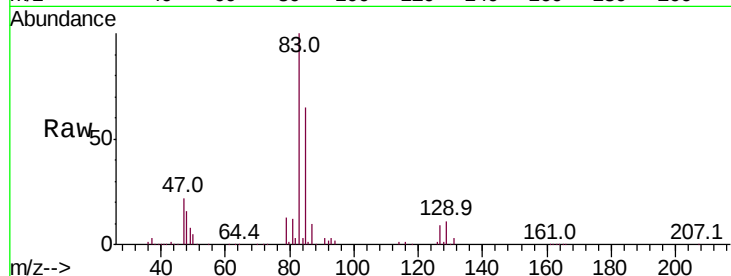
Tot Ion: 83 Resp: 282193

Ion Ratio Lower Upper

83 100

85 65.1 51.0 76.6

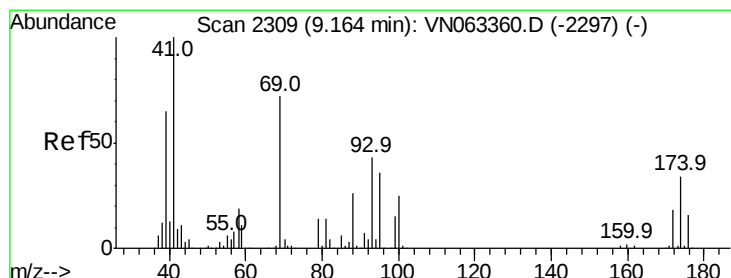
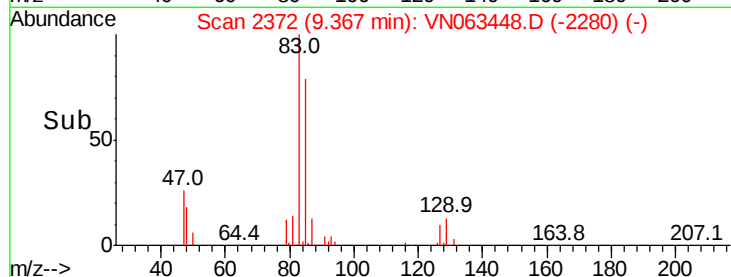
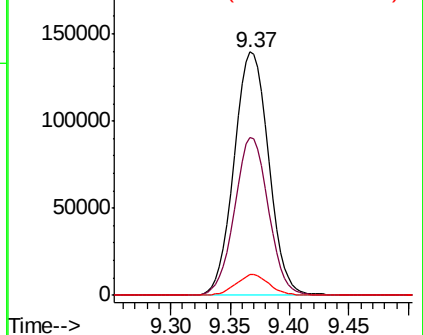
127 8.5 6.3 9.5



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: 43.498 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

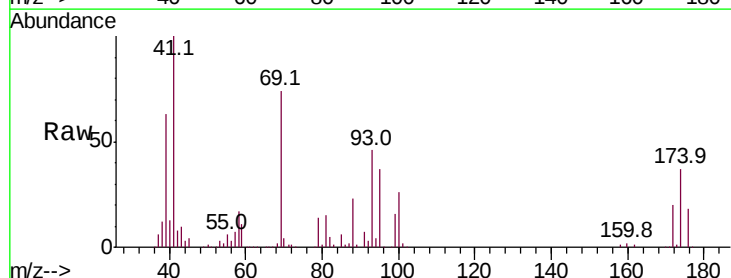
Tgt Ion: 41 Resp: 210593

Ion Ratio Lower Upper

41 100

69 78.1 59.3 88.9

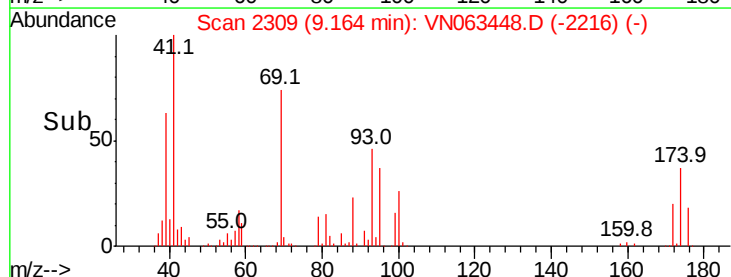
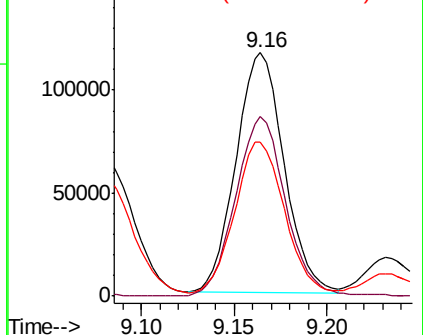
39 67.6 52.9 79.3

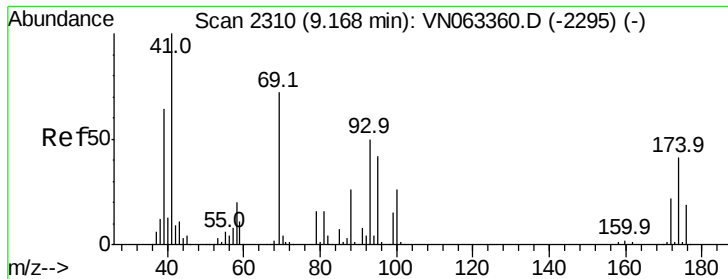


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

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

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





#49

1,4-Dioxane

Concen: 824.142 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

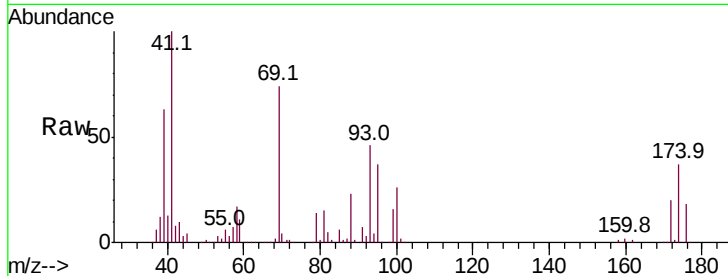
Tot Ion: 88 Resp: 57259

Ion Ratio Lower Upper

88 100

43 38.9 32.6 49.0

58 72.7 60.0 90.0

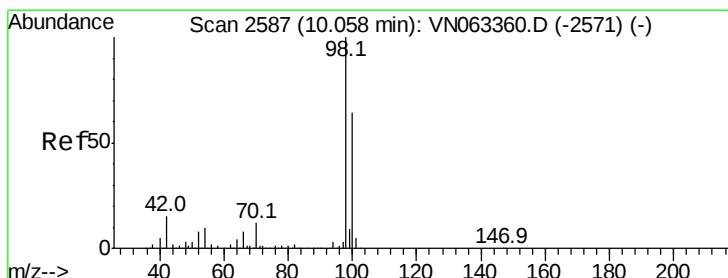
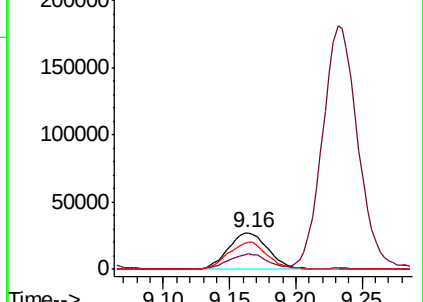
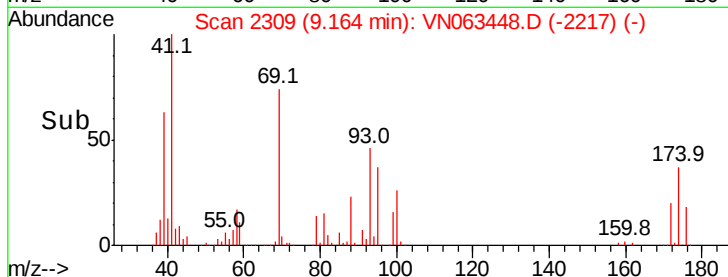


Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

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

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

Time-->



#50

Toluene-d8

Concen: 46.956 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063448.D

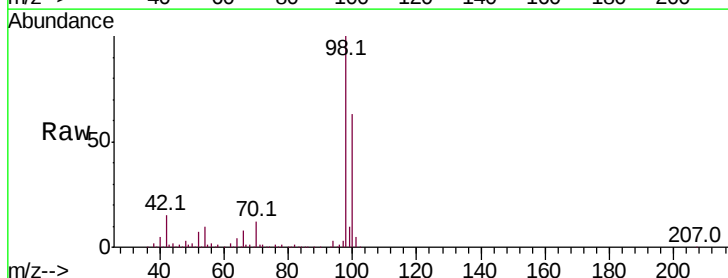
Acq: 18 Sep 2020 10:32

Tgt Ion: 98 Resp: 644226

Ion Ratio Lower Upper

98 100

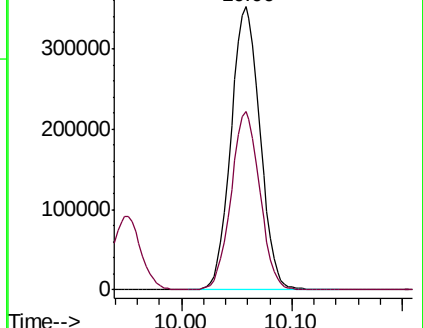
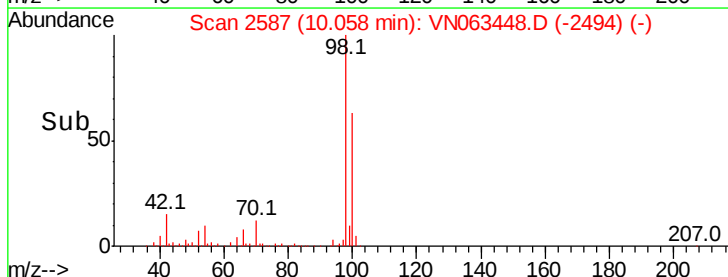
100 62.0 50.7 76.1

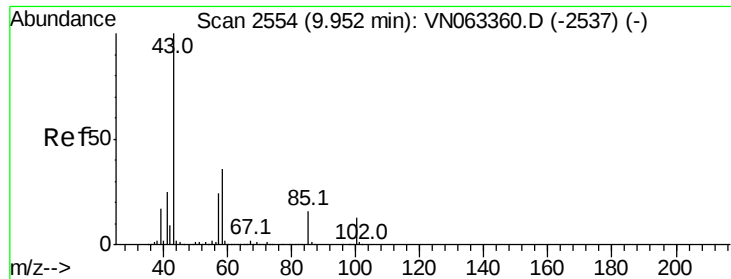


Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

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

Time-->





#51

4-Methyl-2-Pentanone

Concen: 223.907 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

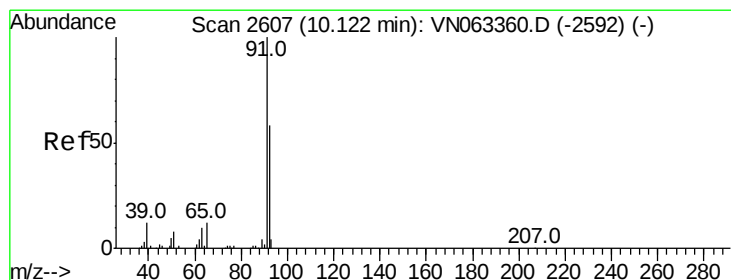
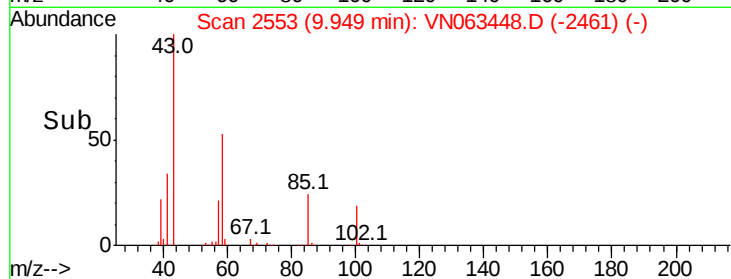
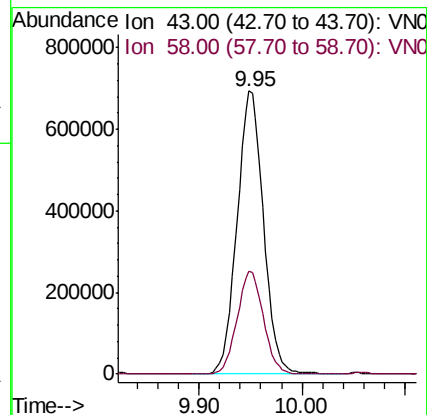
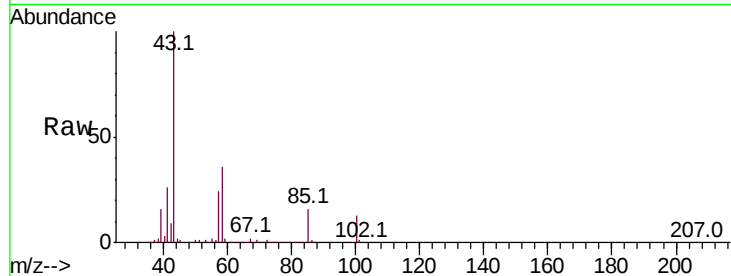
VSTDCCC050

Tot Ion: 43 Resp: 1235224

Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6



#52

Toluene

Concen: 48.574 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063448.D

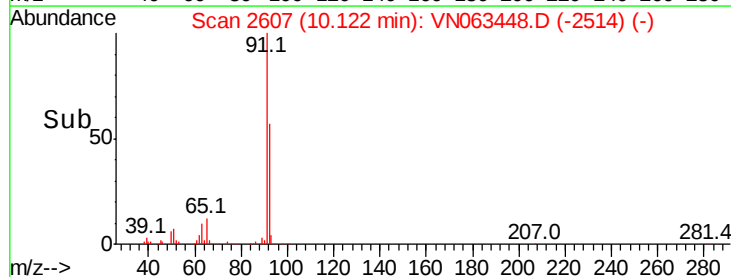
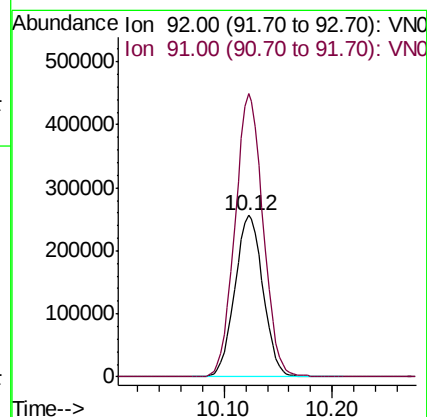
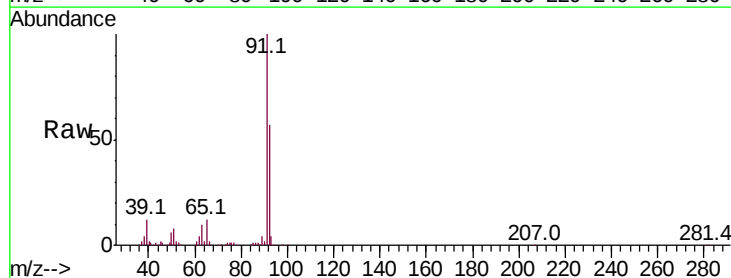
Acq: 18 Sep 2020 10:32

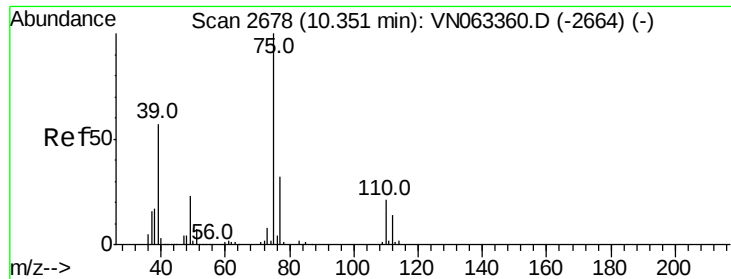
Tgt Ion: 92 Resp: 468113

Ion Ratio Lower Upper

92 100

91 174.6 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 47.557 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

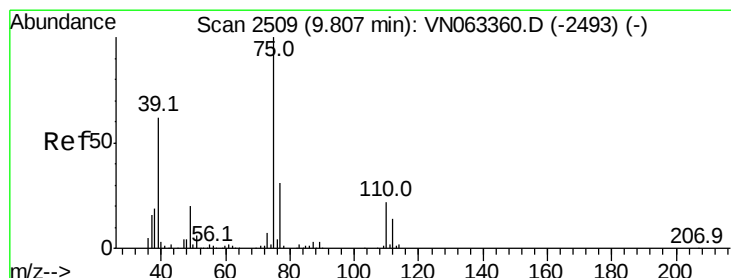
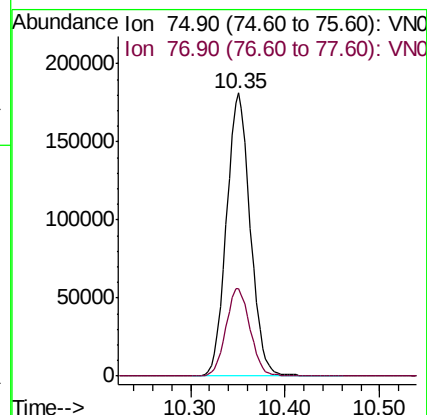
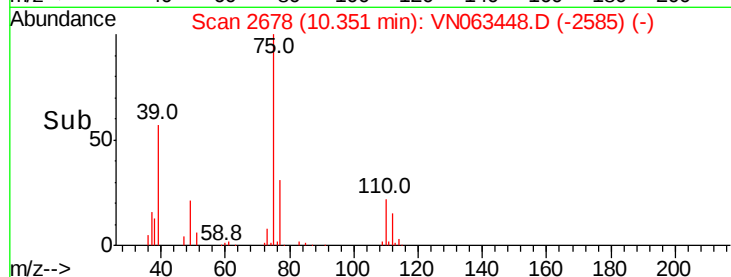
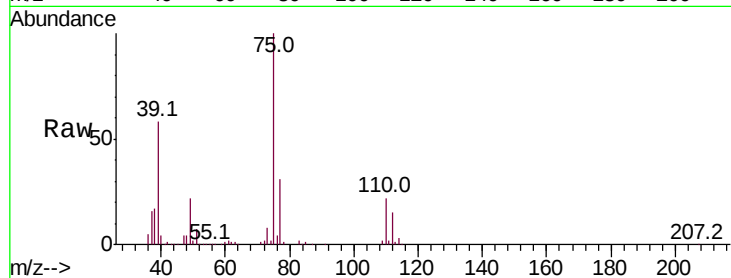
VSTDCCC050

Tot Ion: 75 Resp: 316476

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.160 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

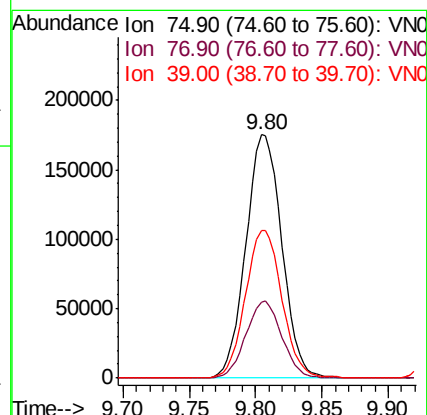
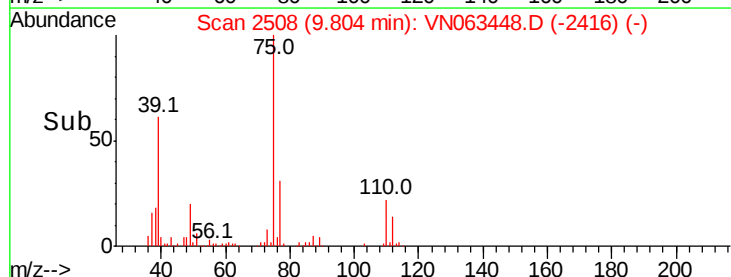
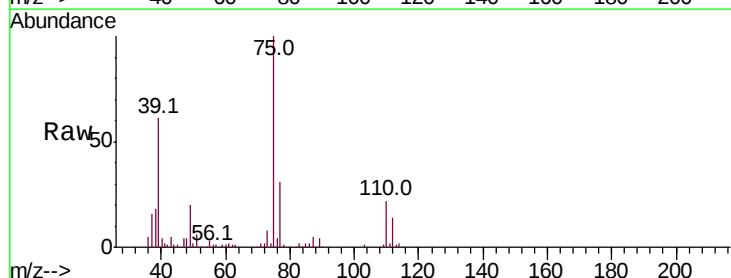
Tgt Ion: 75 Resp: 331032

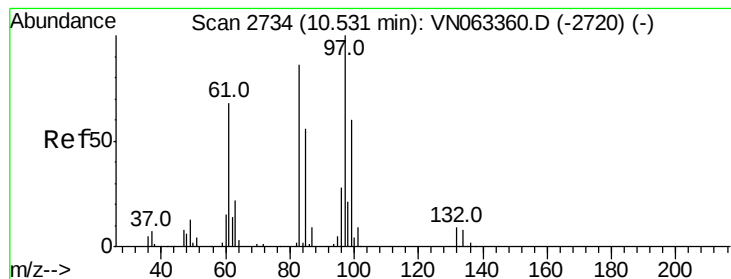
Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0

39 60.6 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 47.272 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 180953

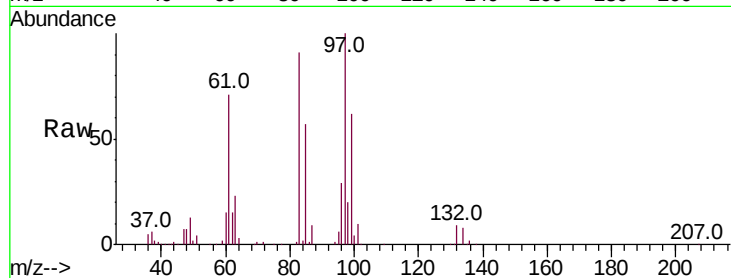
Ion Ratio Lower Upper

97 100

83 90.8 68.9 103.3

85 56.9 44.8 67.2

99 61.9 47.8 71.8



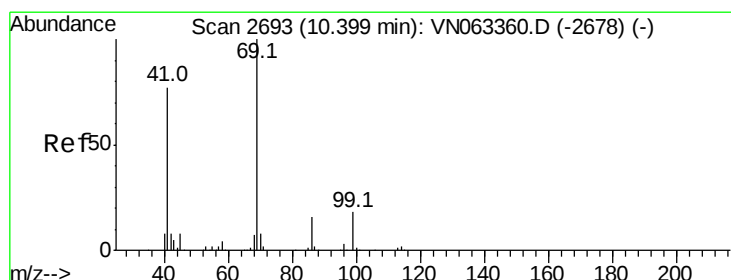
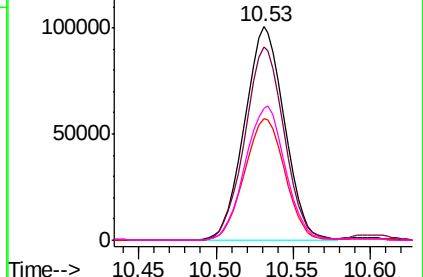
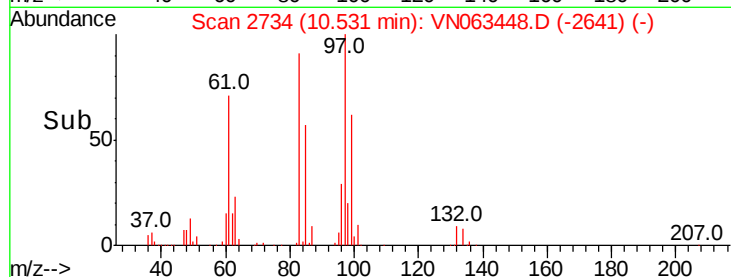
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.025 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

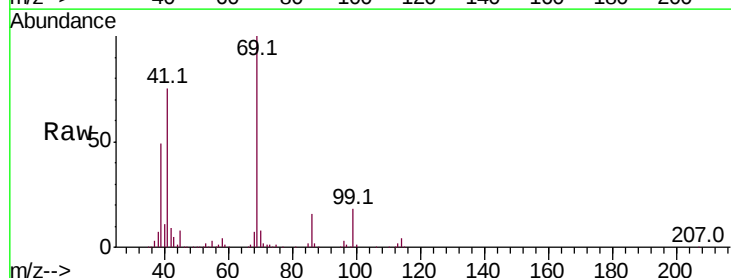
Tgt Ion: 69 Resp: 281015

Ion Ratio Lower Upper

69 100

41 74.7 61.0 91.6

39 48.6 39.2 58.8

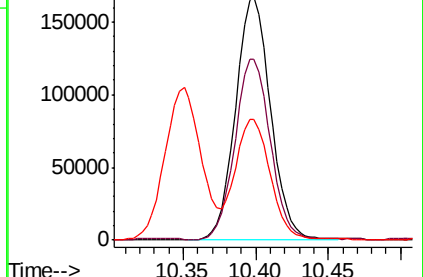
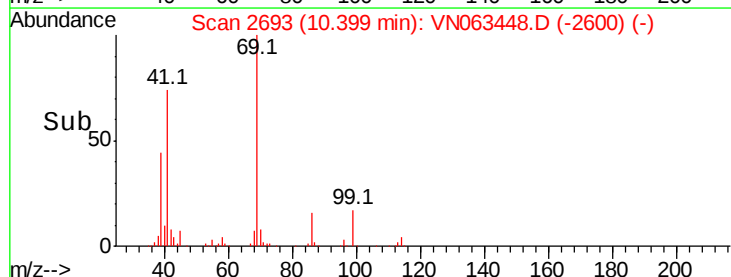


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 46.241 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

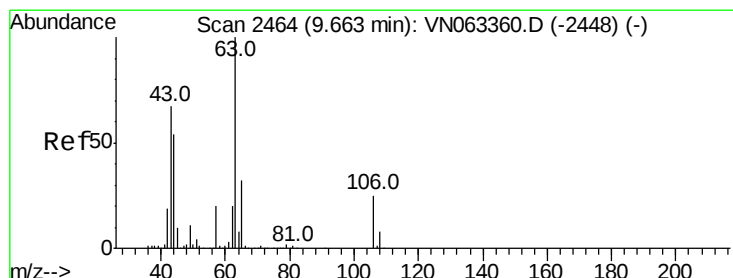
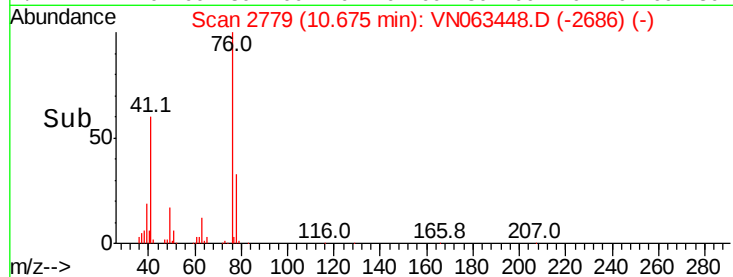
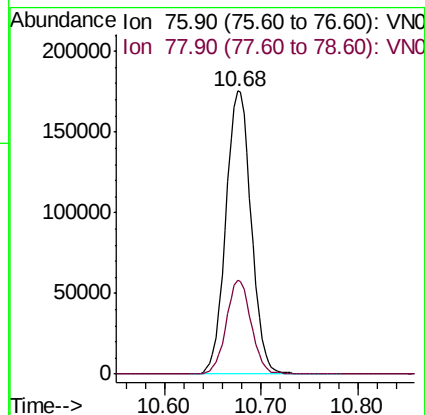
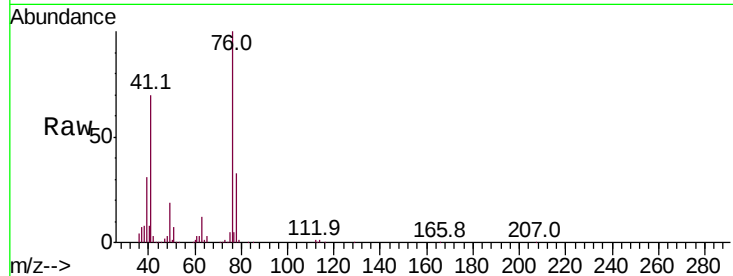
VSTDCCC050

Tot Ion: 76 Resp: 319201

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 232.023 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063448.D

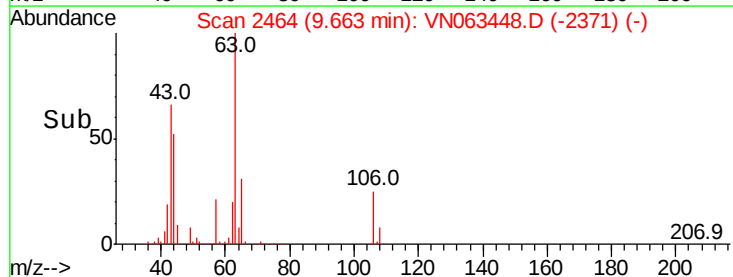
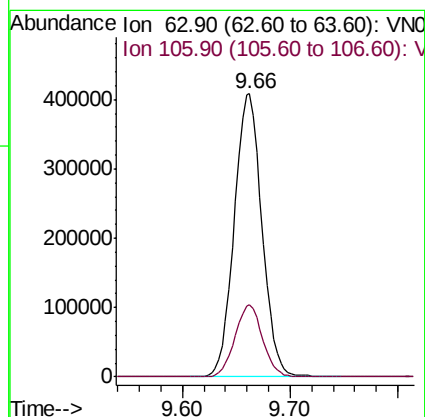
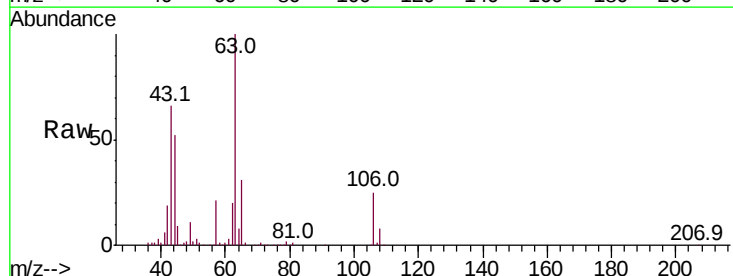
Acq: 18 Sep 2020 10:32

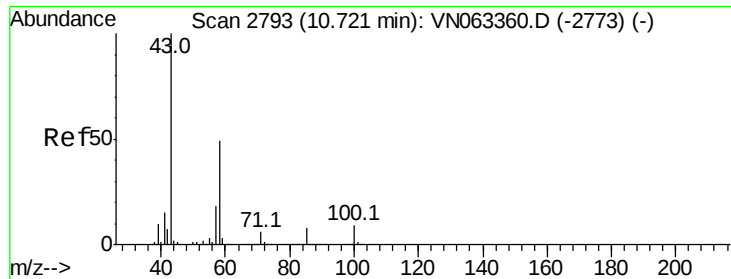
Tgt Ion: 63 Resp: 727346

Ion Ratio Lower Upper

63 100

106 25.3 19.5 29.3

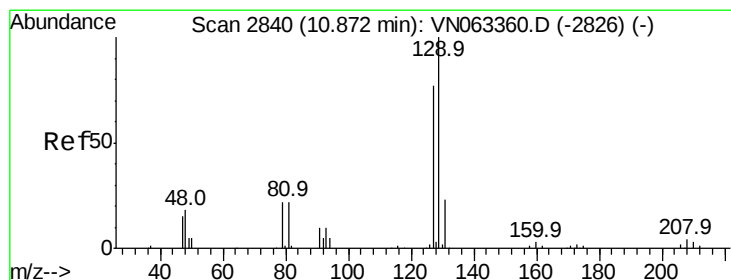
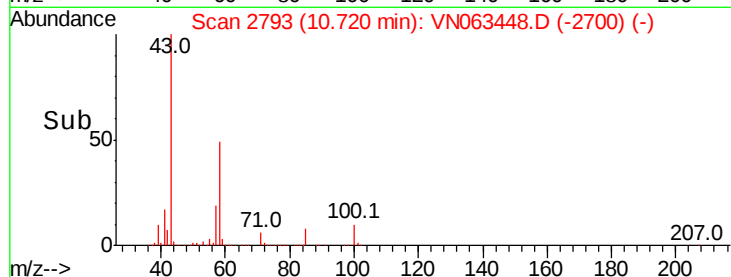
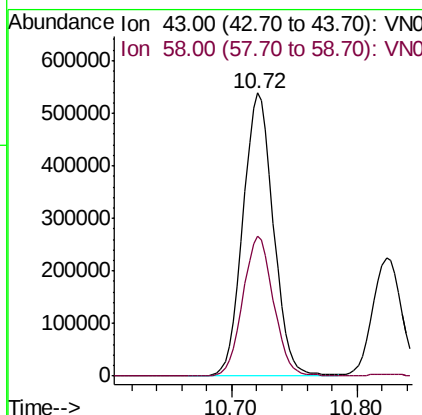
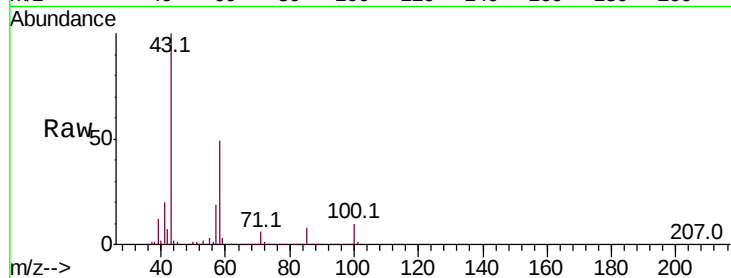




#59
2-Hexanone
Concen: 227.525 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

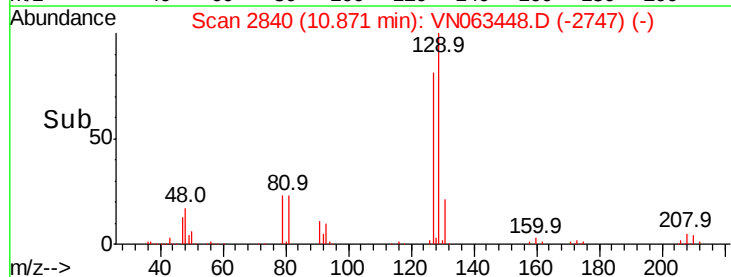
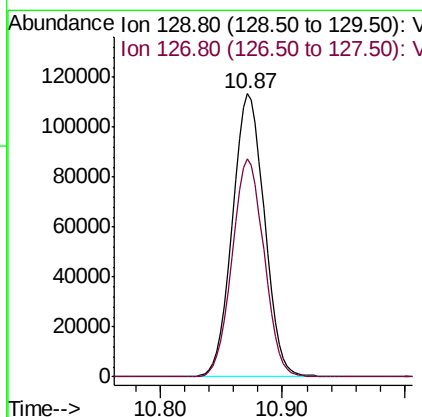
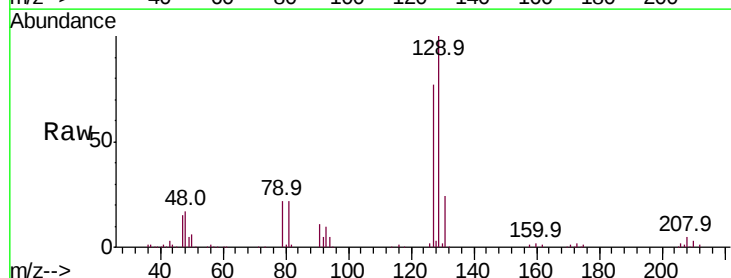
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

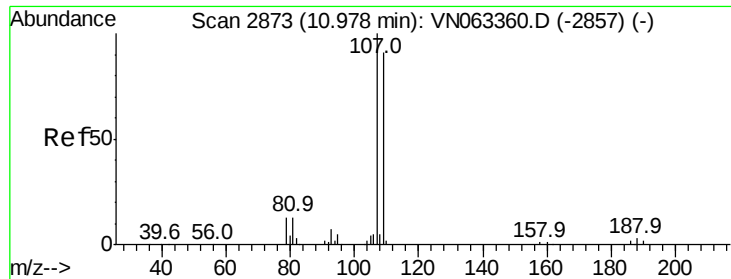
Tot Ion: 43 Resp: 909349
Ion Ratio Lower Upper
43 100
58 49.9 24.7 74.1



#60
Dibromochloromethane
Concen: 47.821 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 129 Resp: 206804
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3

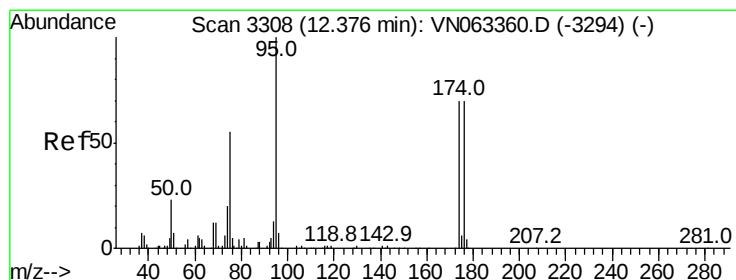
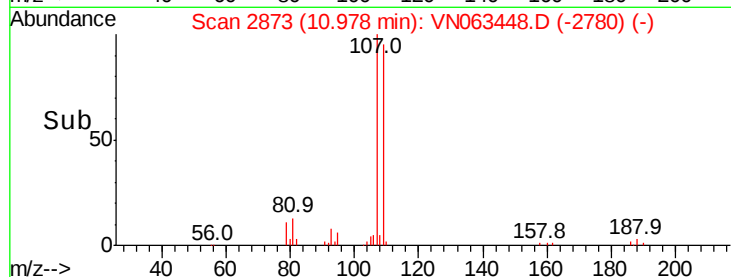
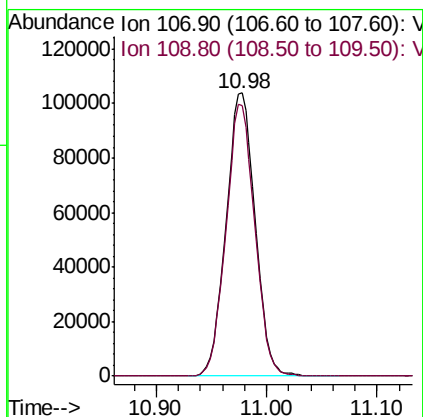
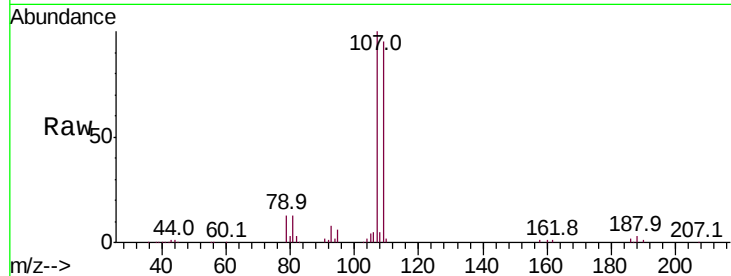




#61
 1,2-Dibromoethane
 Concen: 47.634 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

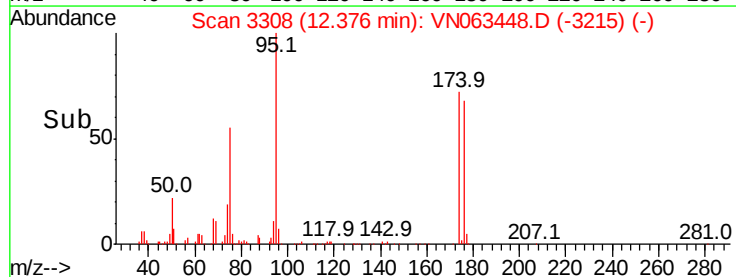
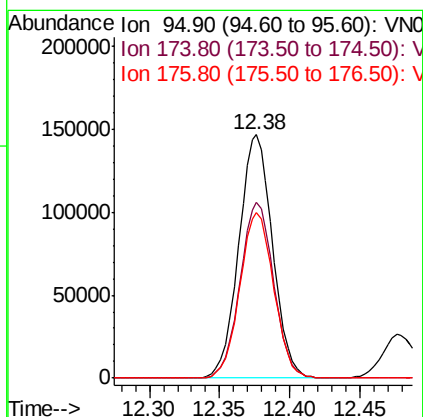
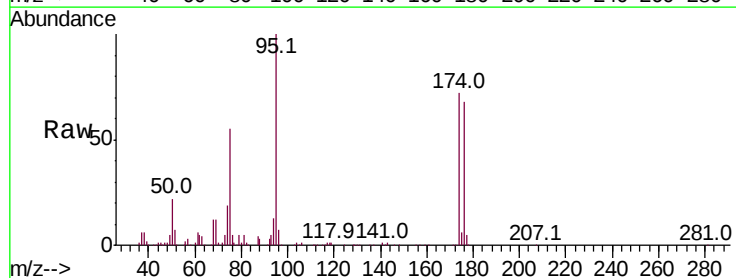
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

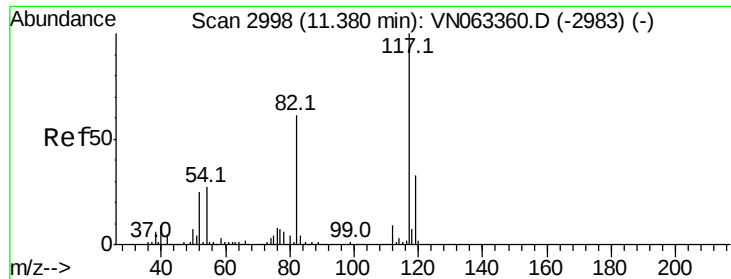
Tot Ion:107 Resp: 189436
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.921 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

Tgt Ion: 95 Resp: 246047
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 140.8
 176 68.6 0.0 137.6

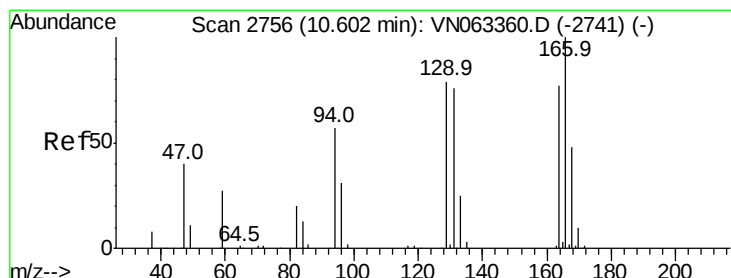
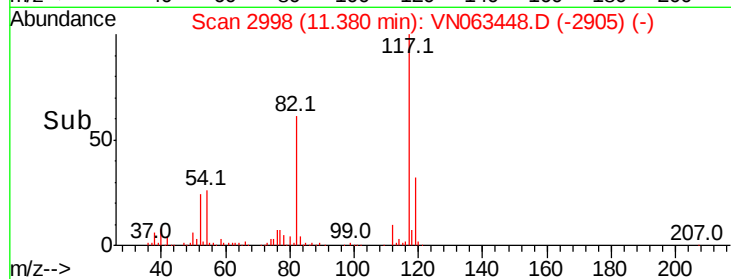
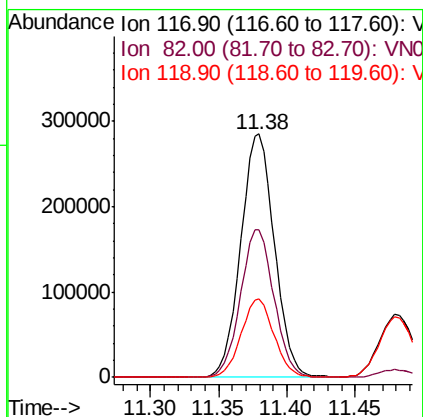
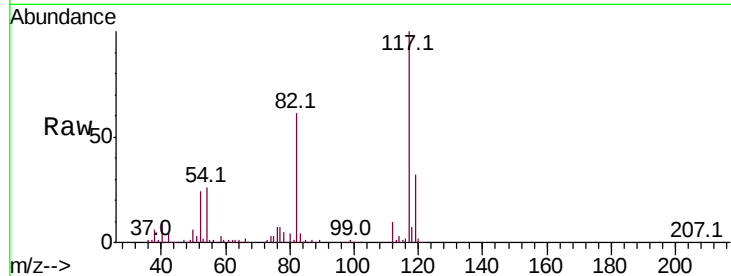




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

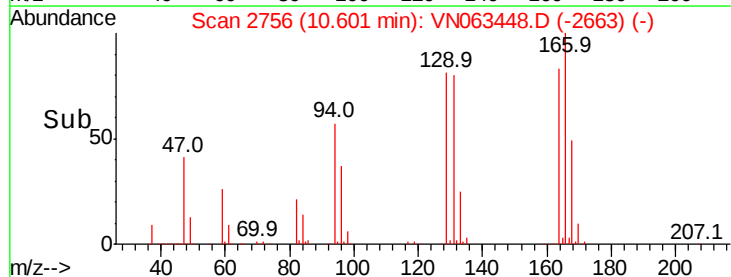
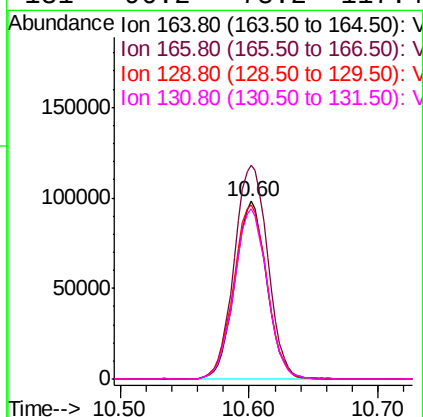
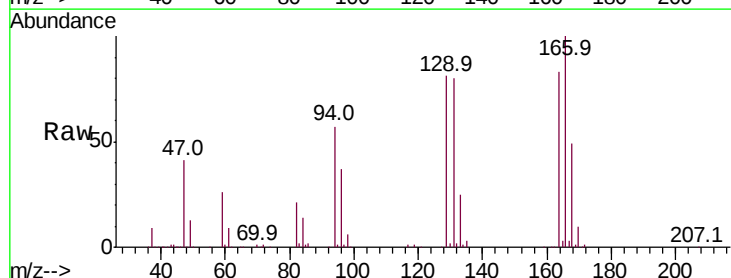
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

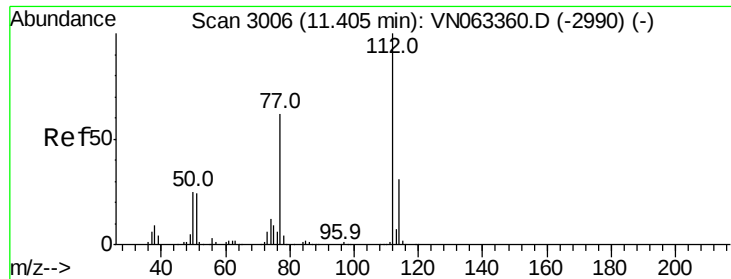
Tot Ion:117 Resp: 488705
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 50.770 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion:164 Resp: 168950
Ion Ratio Lower Upper
164 100
166 120.3 103.4 155.0
129 98.1 81.8 122.6
131 96.2 78.2 117.4

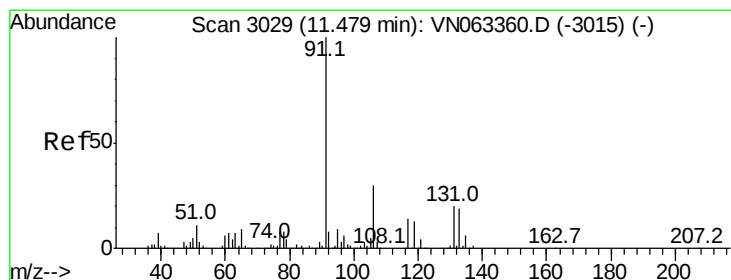
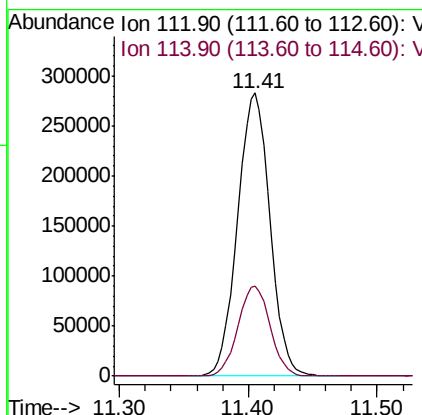
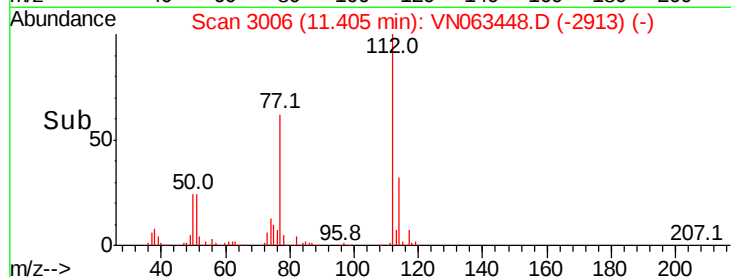
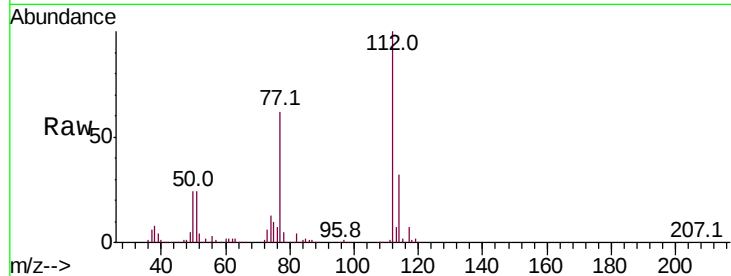




#65
Chlorobenzene
Concen: 47.622 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

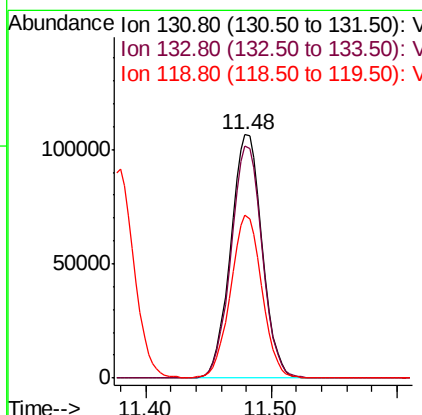
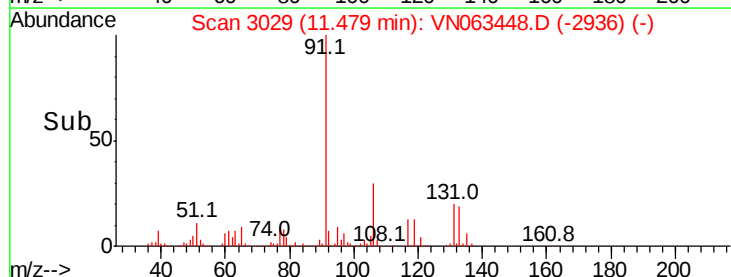
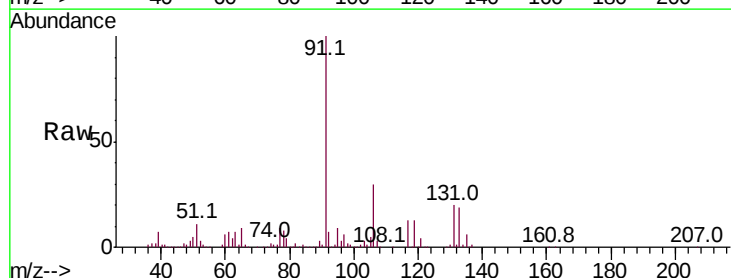
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

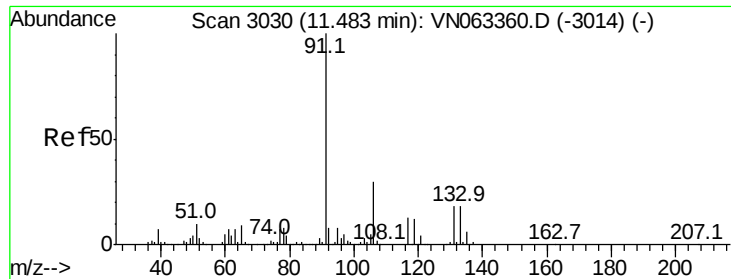
Tot Ion:112 Resp: 494020
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.641 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion:131 Resp: 184966
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 66.2 33.6 100.8





#67

Ethyl Benzene

Concen: 47.753 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

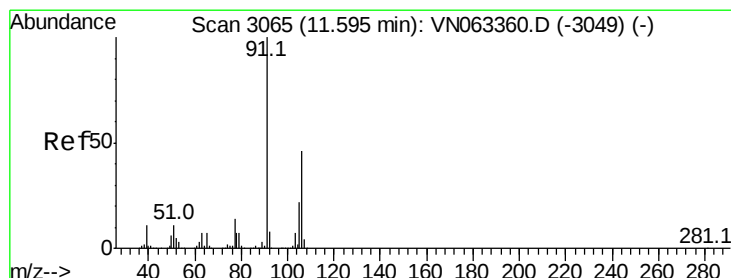
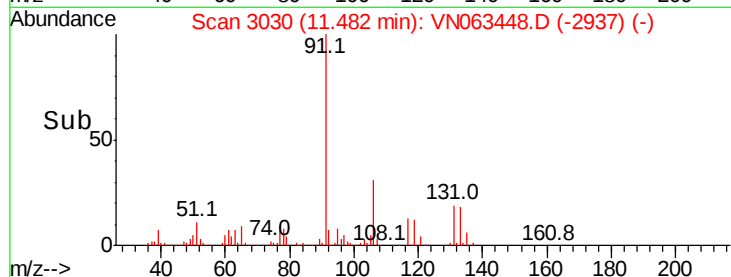
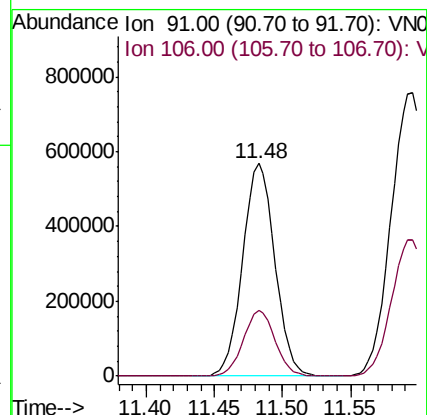
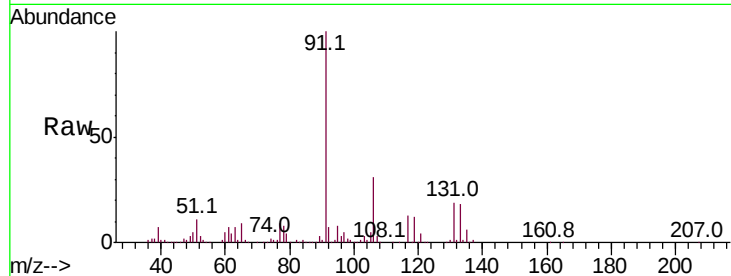
VSTDCCC050

Tot Ion: 91 Resp: 932895

Ion Ratio Lower Upper

91 100

106 30.7 23.8 35.6



#68

m/p-Xylenes

Concen: 98.731 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN063448.D

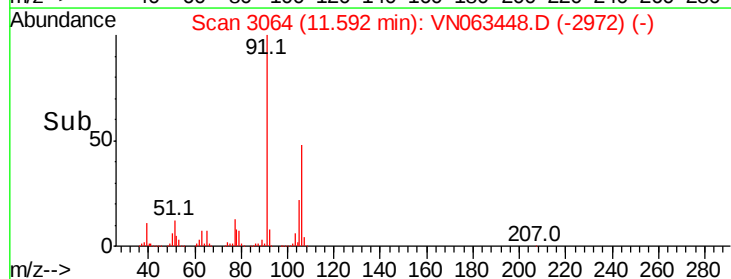
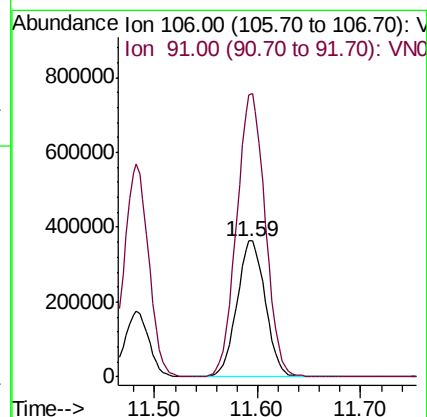
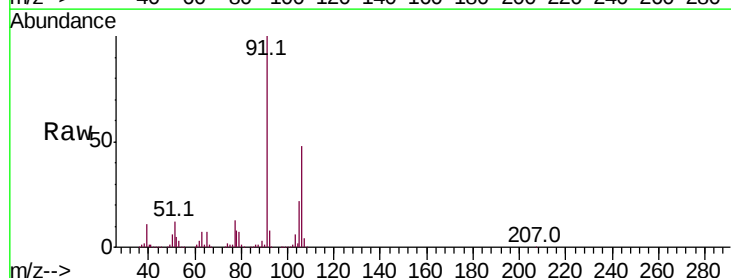
Acq: 18 Sep 2020 10:32

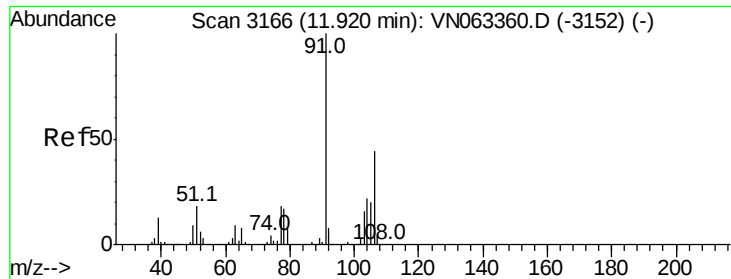
Tgt Ion: 106 Resp: 695432

Ion Ratio Lower Upper

106 100

91 209.8 171.2 256.8

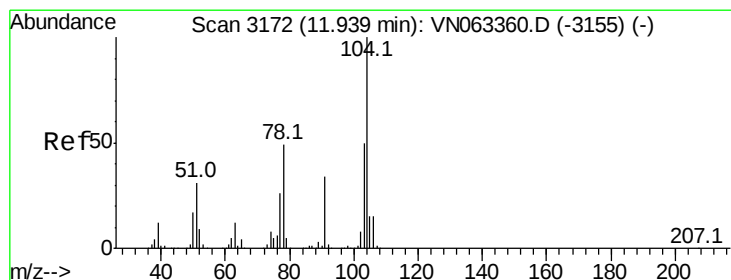
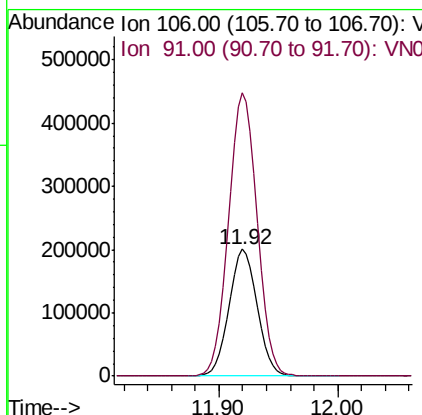
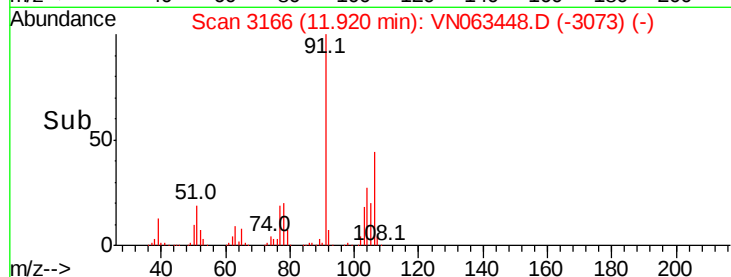
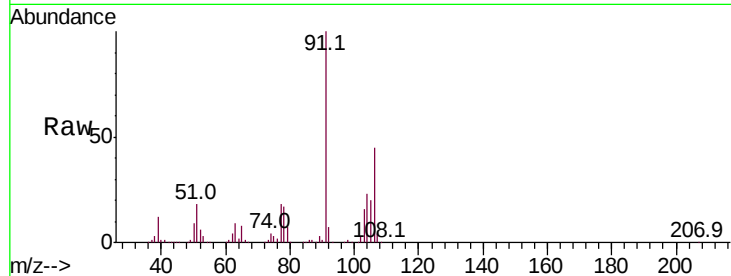




#69
o-Xylene
Concen: 49.120 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

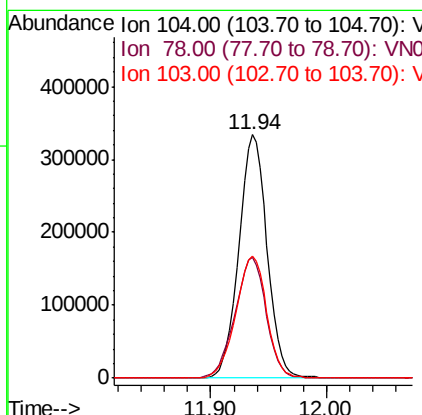
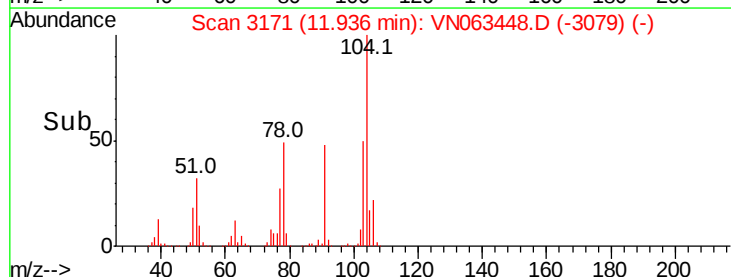
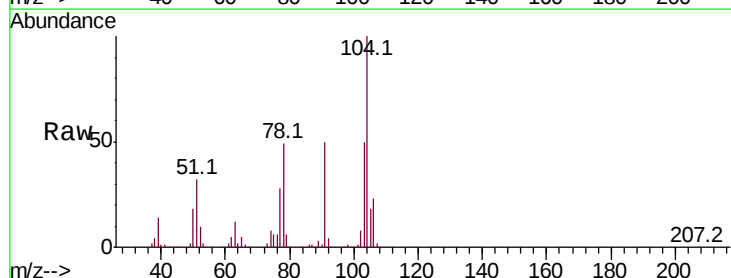
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

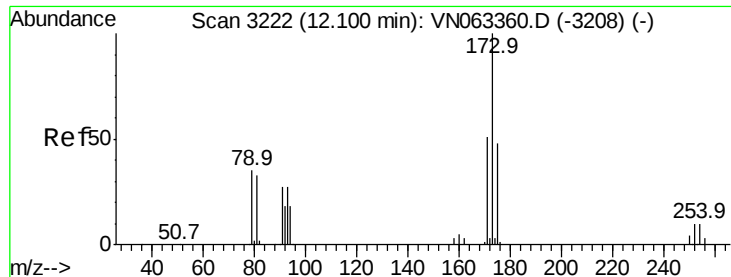
Tot Ion:106 Resp: 329586
Ion Ratio Lower Upper
106 100
91 226.0 113.6 340.8



#70
Styrene
Concen: 50.054 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion:104 Resp: 563217
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 54.9 43.7 65.5





#71

Bromoform

Concen: 47.864 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

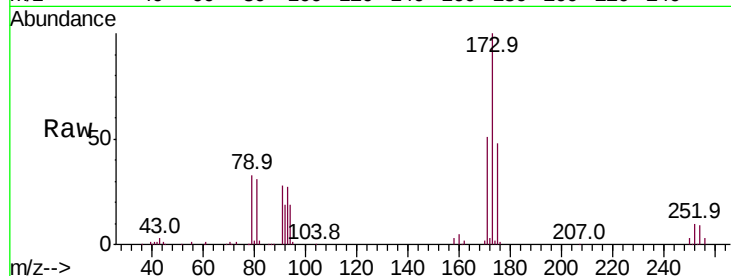
Tot Ion:173 Resp: 135594

Ion Ratio Lower Upper

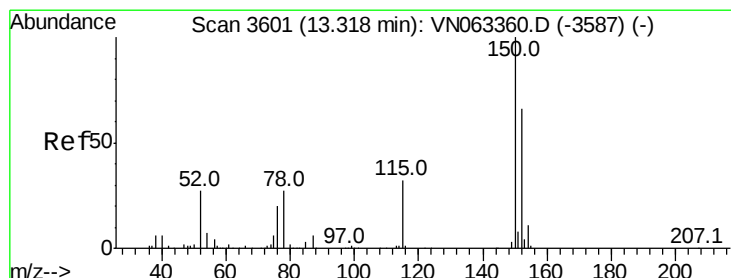
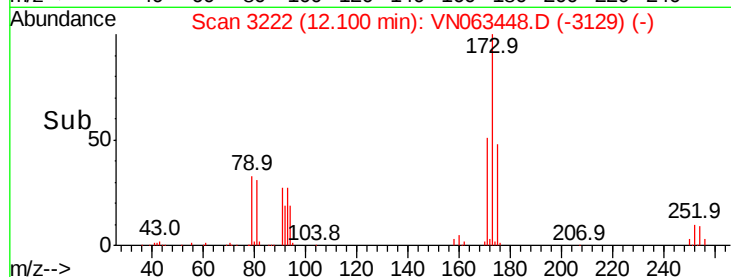
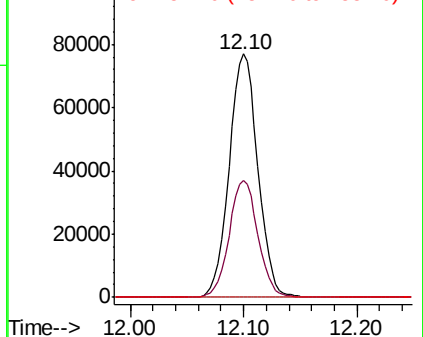
173 100

175 48.1 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# 3600

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

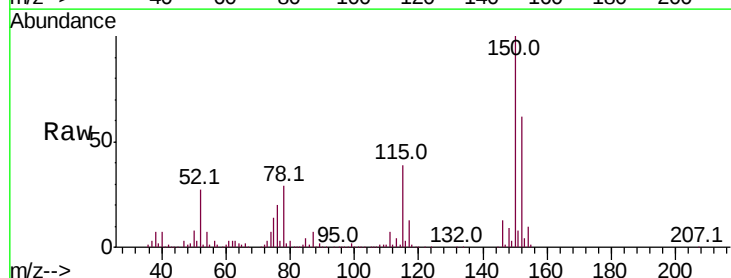
Tgt Ion:152 Resp: 241002

Ion Ratio Lower Upper

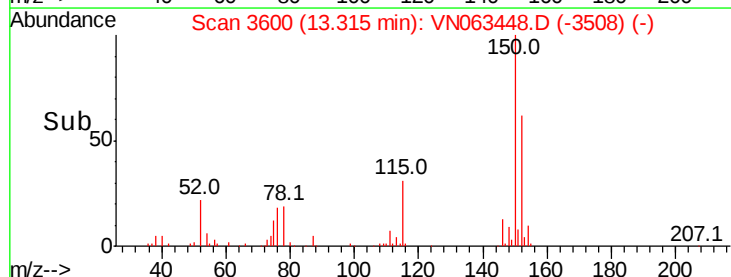
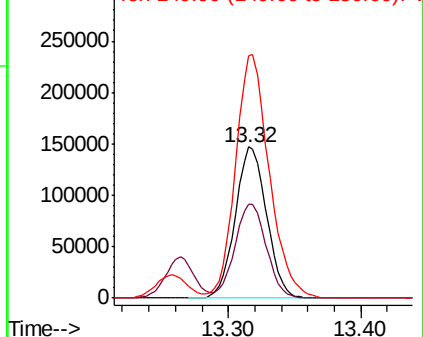
152 100

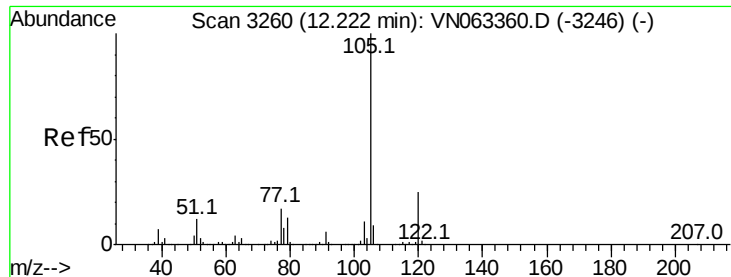
115 62.8 32.2 96.6

150 173.1 0.0 343.4



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





#73

Isopropylbenzene

Concen: 46.795 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

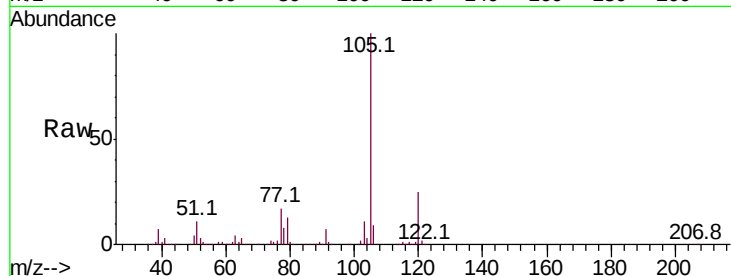
VSTDCCC050

Tot Ion:105 Resp: 903724

Ion Ratio Lower Upper

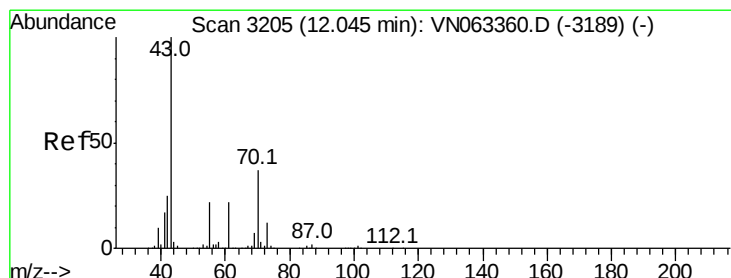
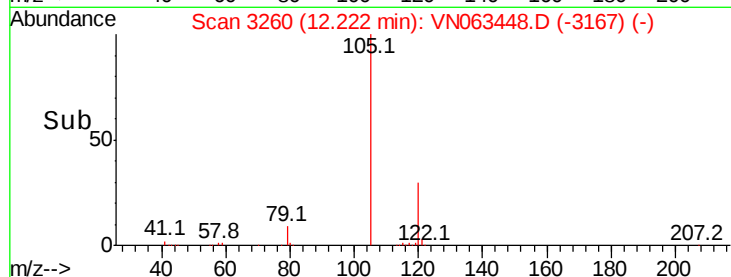
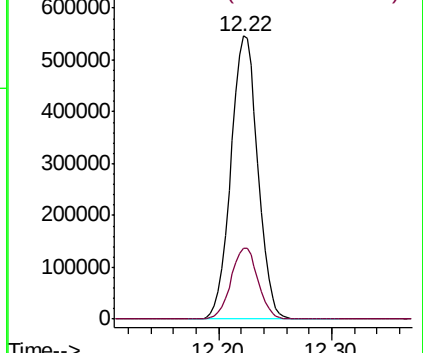
105 100

120 25.4 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: 43.530 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Tgt Ion: 43 Resp: 397950

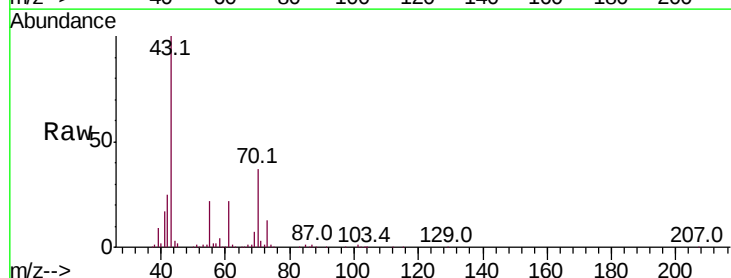
Ion Ratio Lower Upper

43 100

70 37.2 29.6 44.4

55 22.2 17.7 26.5

61 21.6 17.4 26.2

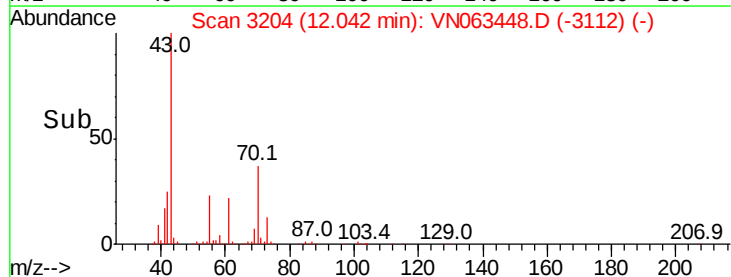
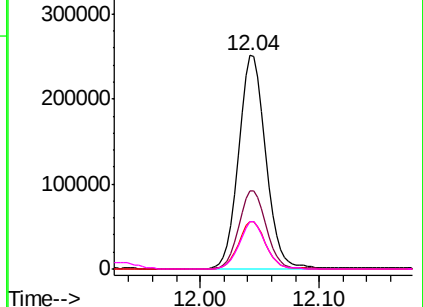


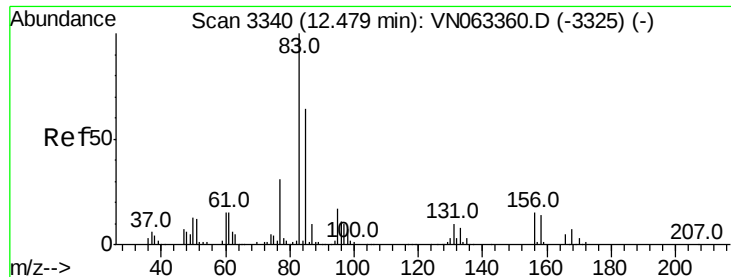
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 42.487 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

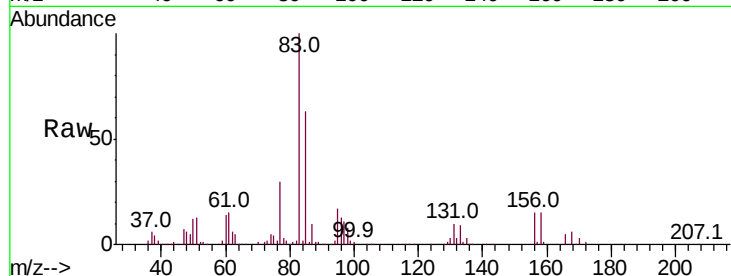
Tot Ion: 83 Resp: 254063

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

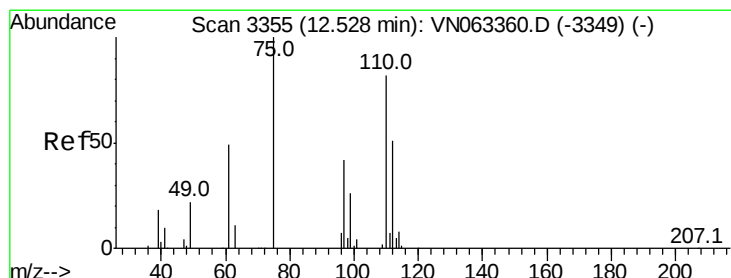
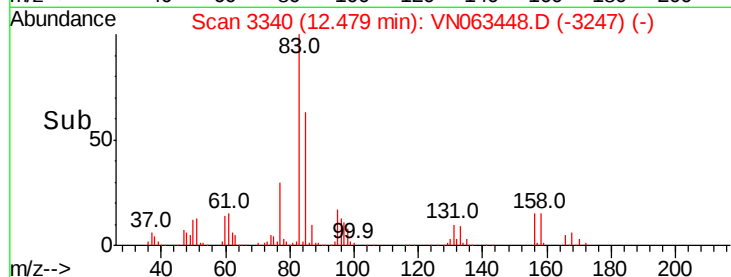
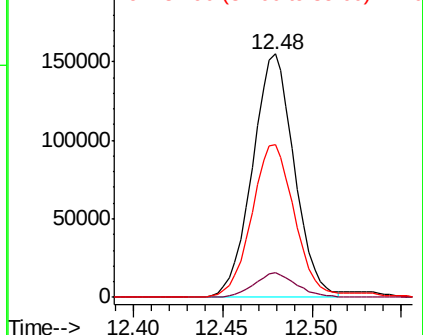
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 60.164 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063448.D

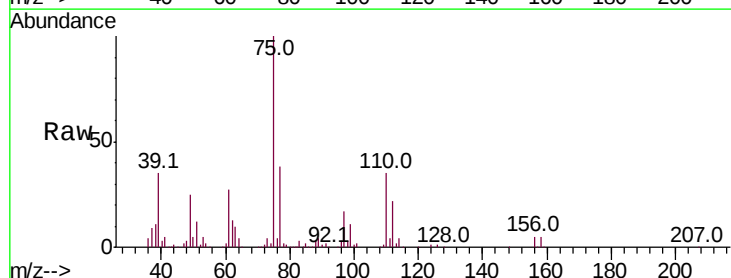
Acq: 18 Sep 2020 10:32

Tgt Ion: 75 Resp: 358885

Ion Ratio Lower Upper

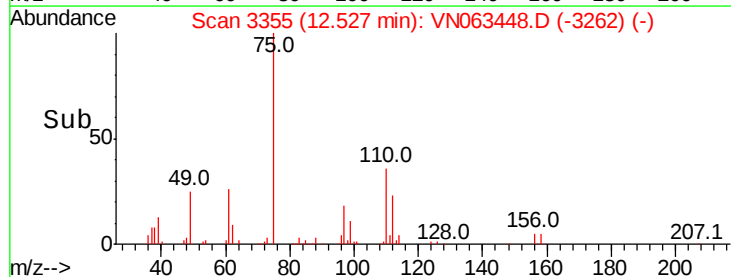
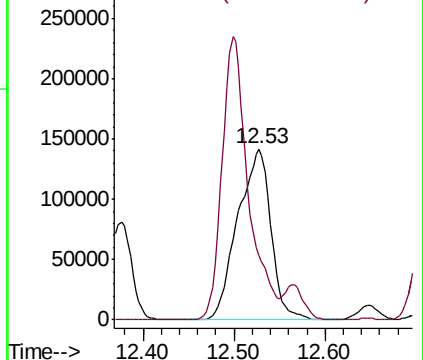
75 100

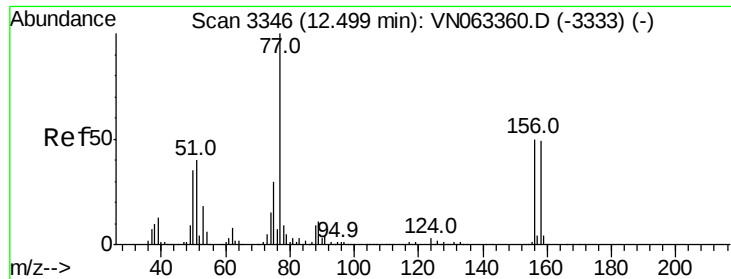
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.916 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

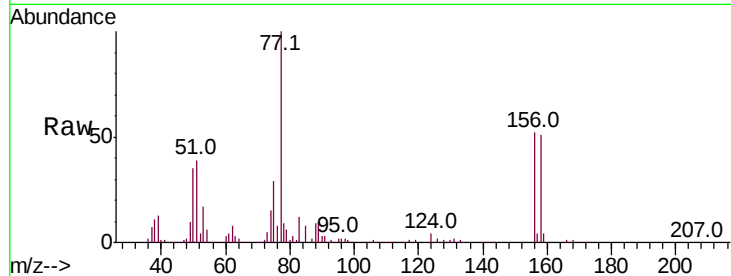
Tot Ion:156 Resp: 208157

Ion Ratio Lower Upper

156 100

77 227.4 120.2 360.6

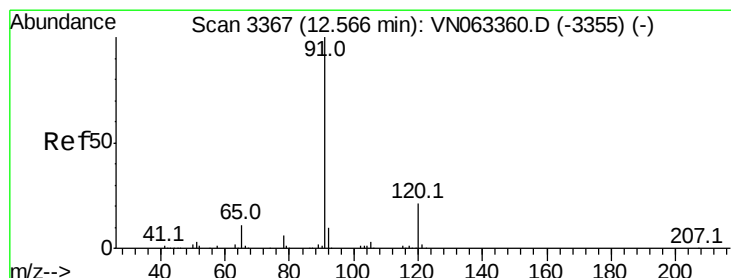
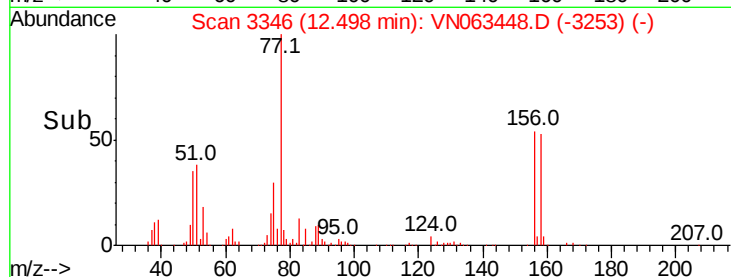
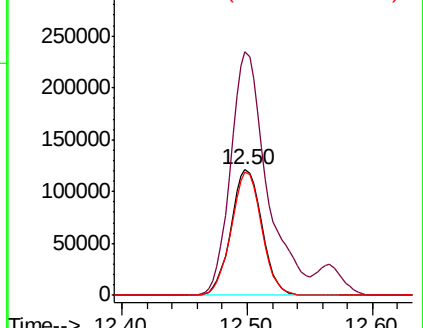
158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.282 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063448.D

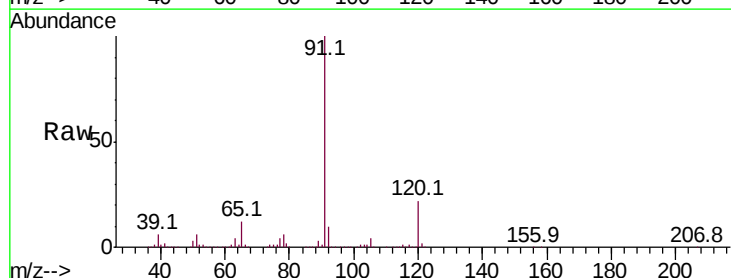
Acq: 18 Sep 2020 10:32

Tgt Ion: 91 Resp: 1063536

Ion Ratio Lower Upper

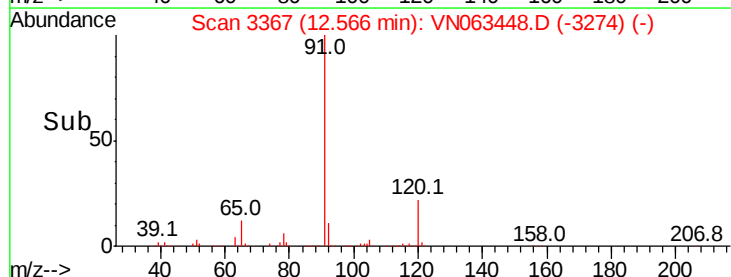
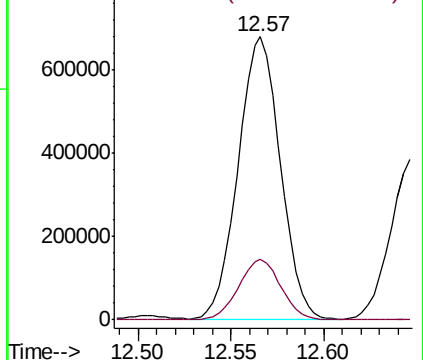
91 100

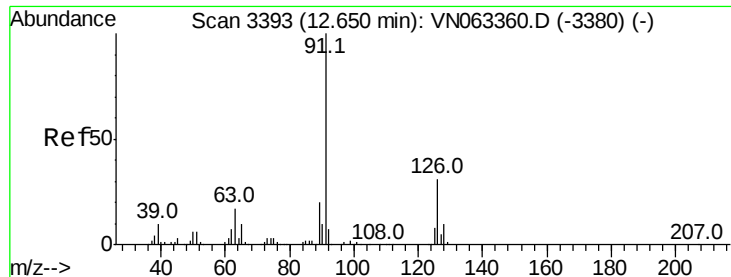
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.962 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

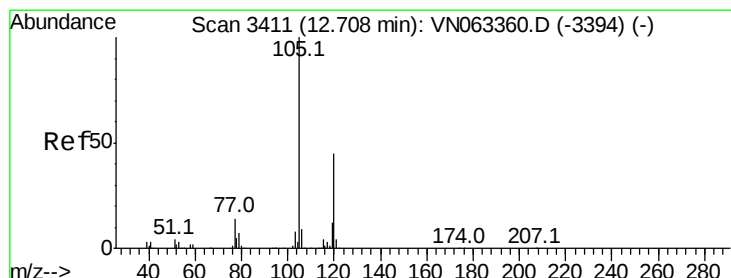
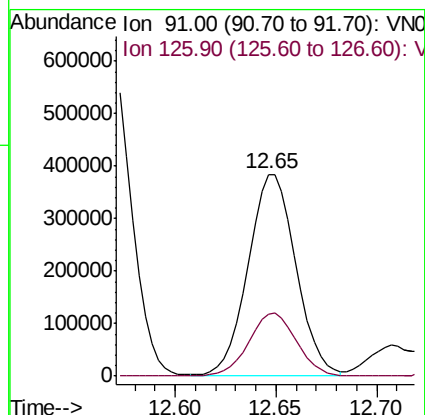
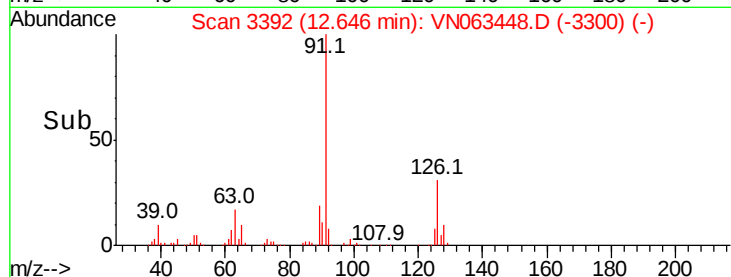
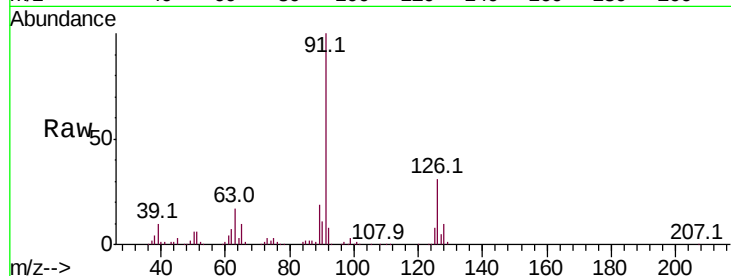
VSTDCCC050

Tot Ion: 91 Resp: 633225

Ion Ratio Lower Upper

91 100

126 31.4 15.8 47.3



#80

1,3,5-Trimethylbenzene

Concen: 47.243 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063448.D

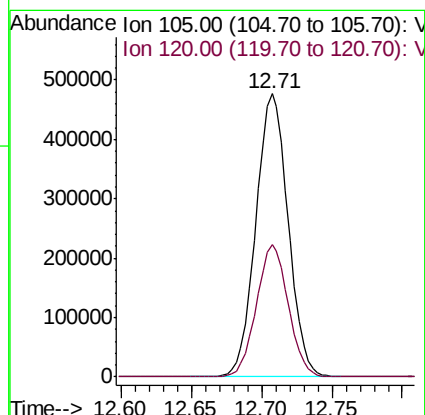
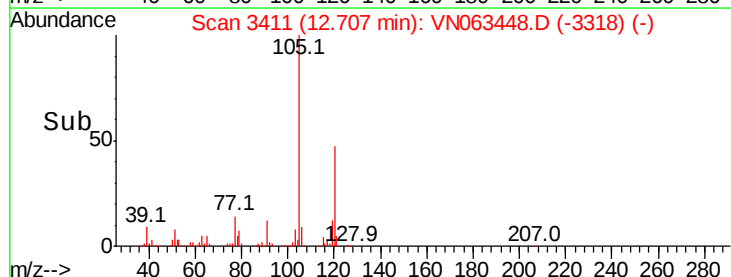
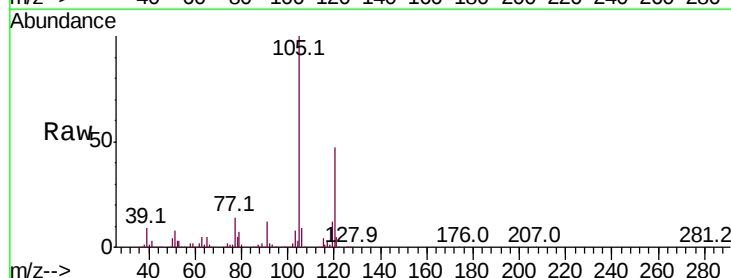
Acq: 18 Sep 2020 10:32

Tgt Ion: 105 Resp: 760816

Ion Ratio Lower Upper

105 100

120 46.3 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.294 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

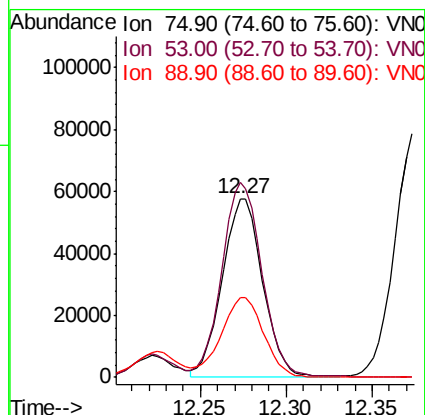
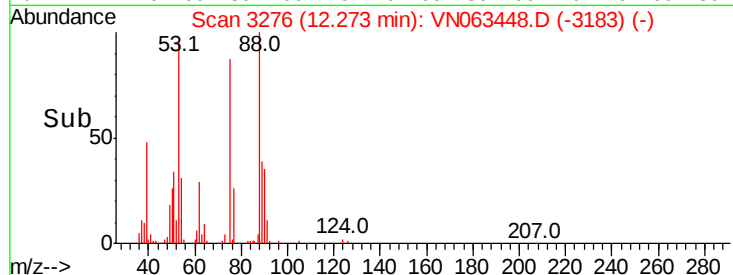
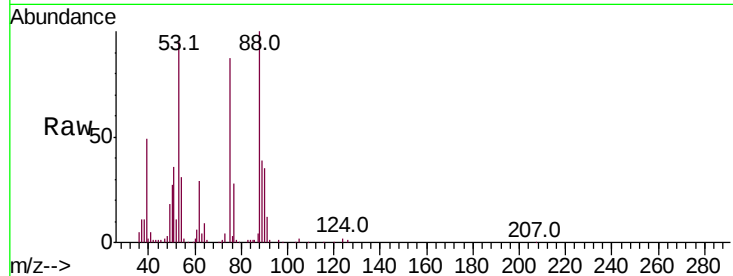
Tot Ion: 75 Resp: 94198

Ion Ratio Lower Upper

75 100

53 107.6 85.7 128.5

89 47.6 38.0 57.0



#82

4-Chlorotoluene

Concen: 47.234 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063448.D

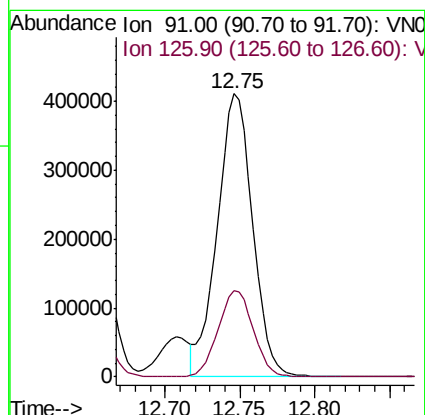
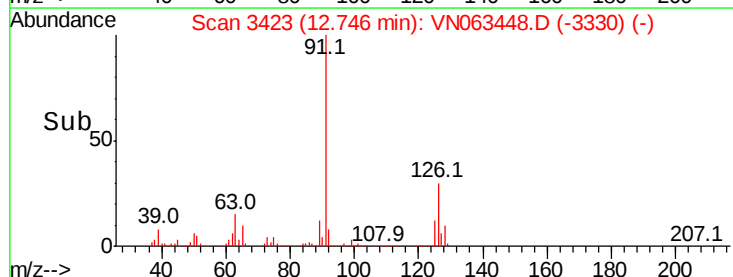
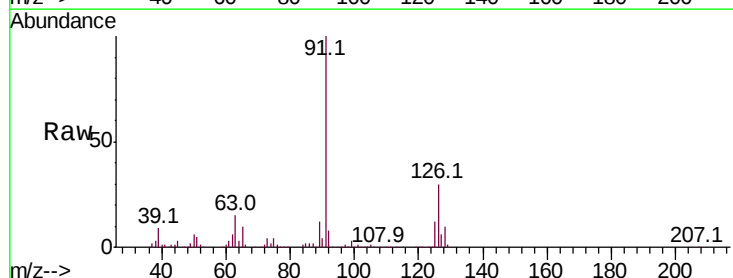
Acq: 18 Sep 2020 10:32

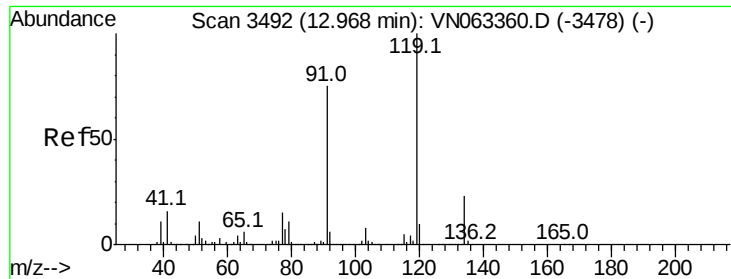
Tgt Ion: 91 Resp: 672935

Ion Ratio Lower Upper

91 100

126 30.3 15.5 46.5





#83

tert-Butylbenzene

Concen: 46.474 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

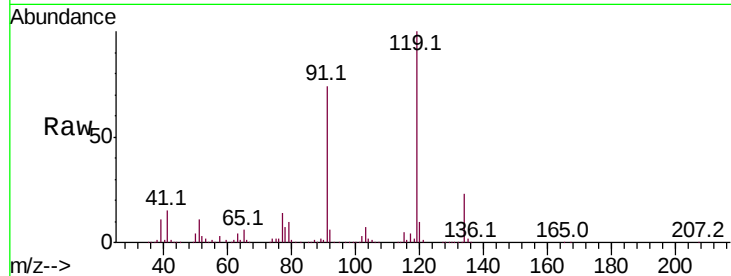
Tot Ion:119 Resp: 617709

Ion Ratio Lower Upper

119 100

91 72.5 36.3 108.9

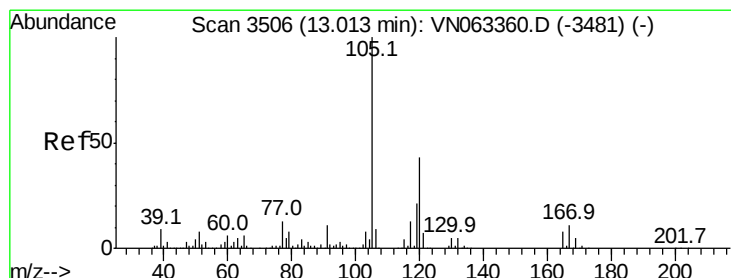
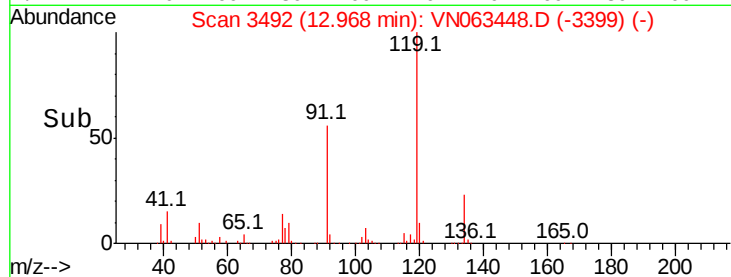
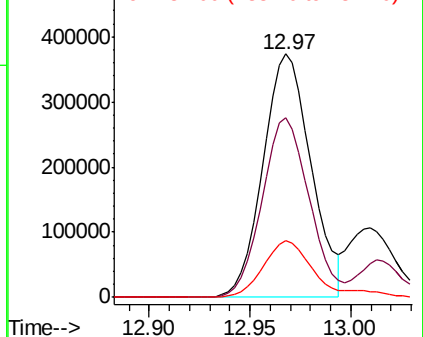
134 23.0 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.050 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063448.D

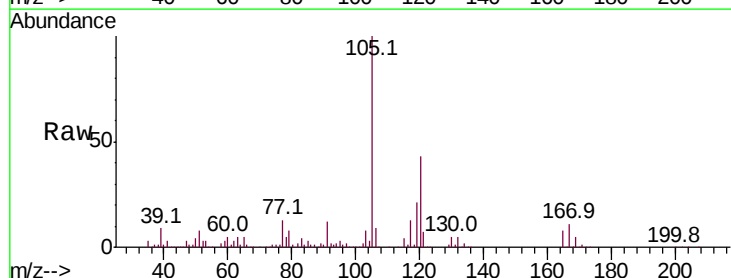
Acq: 18 Sep 2020 10:32

Tgt Ion:105 Resp: 765347

Ion Ratio Lower Upper

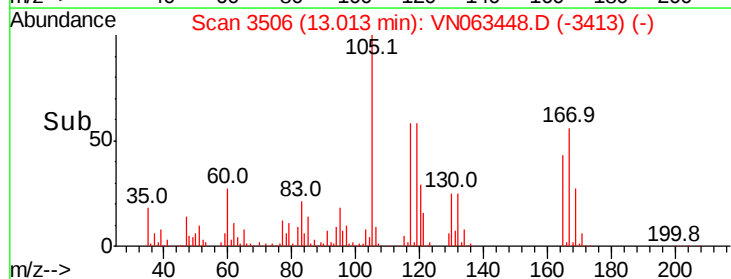
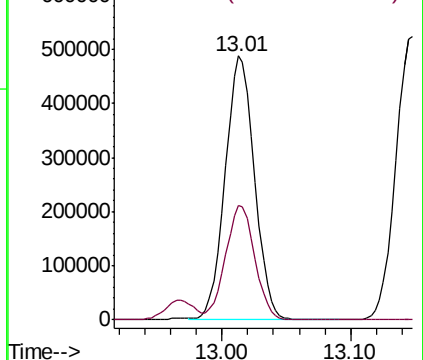
105 100

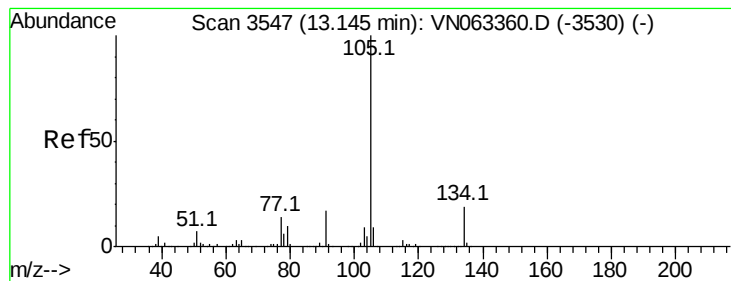
120 43.5 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.236 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

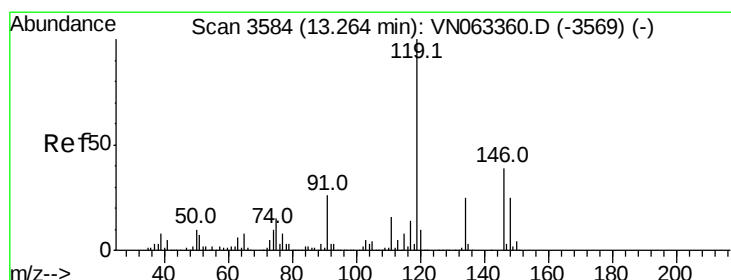
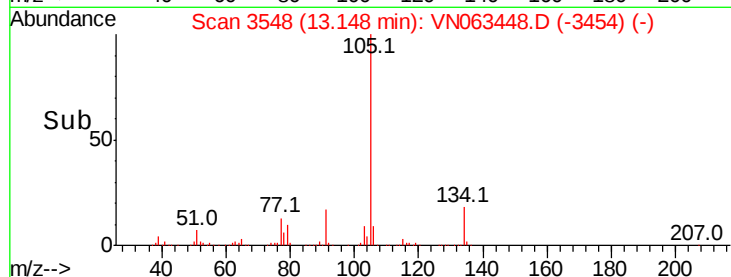
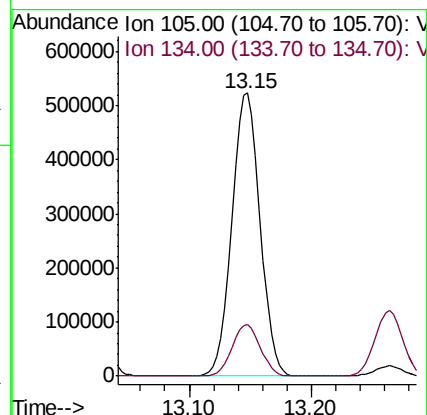
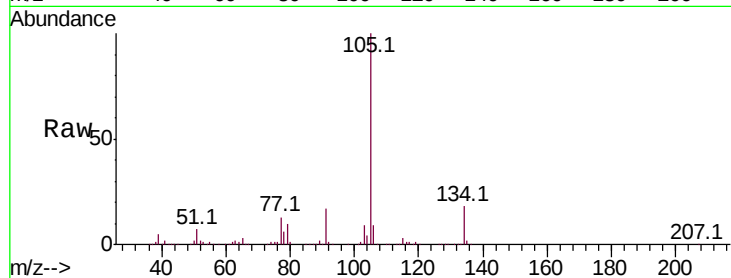
VSTDCCC050

Tot Ion:105 Resp: 840387

Ion Ratio Lower Upper

105 100

134 18.5 9.3 27.7



#86

p-Isopropyltoluene

Concen: 48.142 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

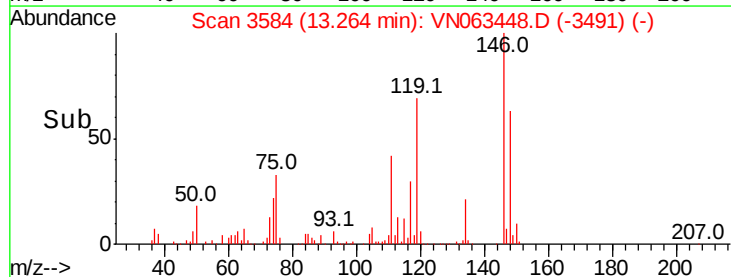
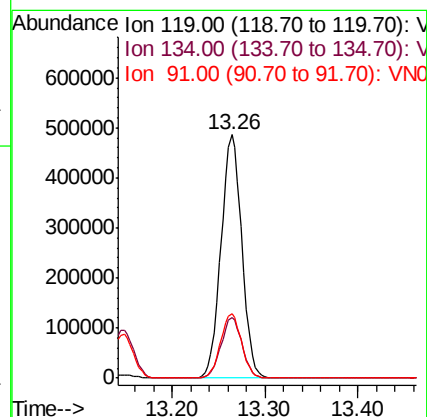
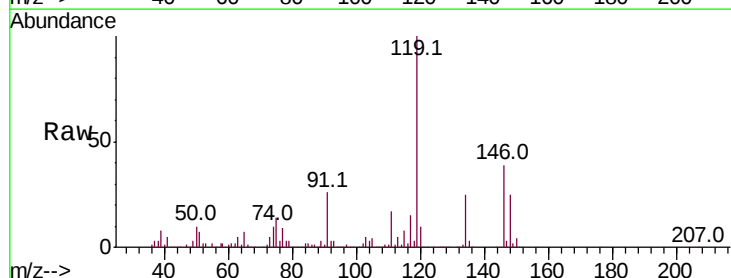
Tgt Ion:119 Resp: 755466

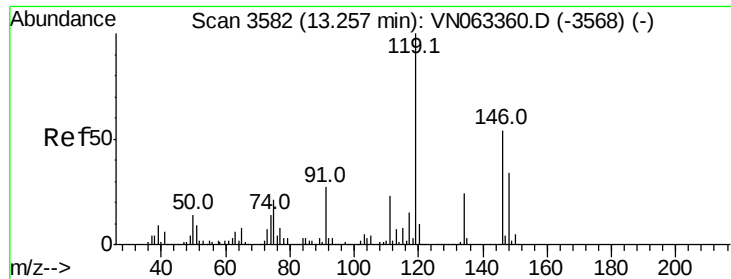
Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

91 26.5 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 47.384 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

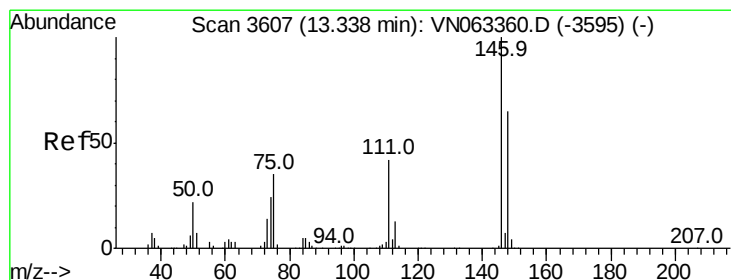
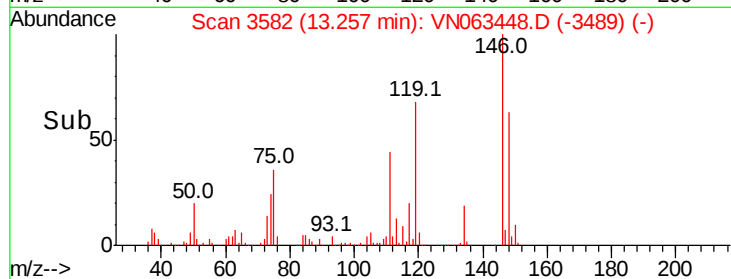
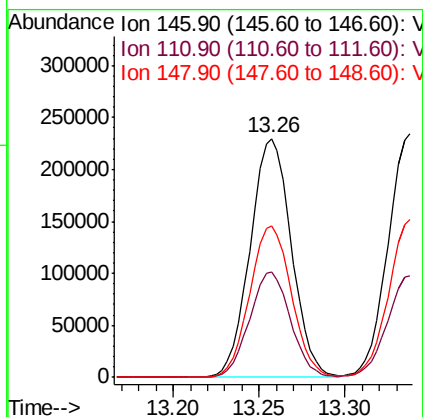
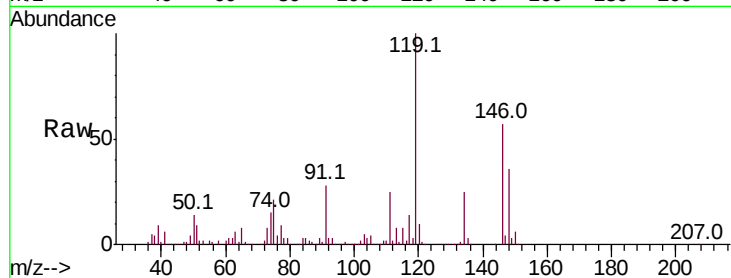
Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 381527

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.3
148	63.9	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 47.175 ug/l

RT: 13.34 min Scan# 3607

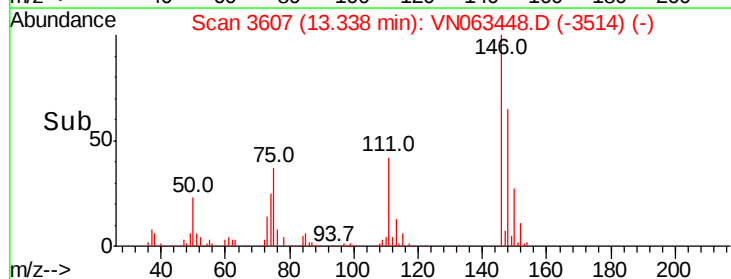
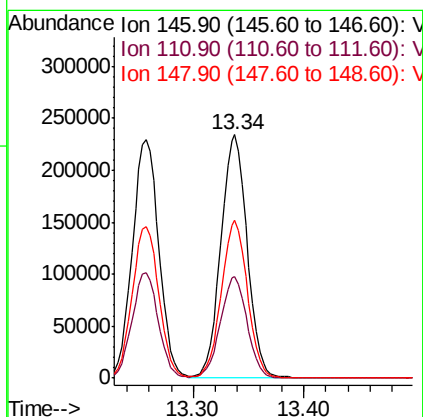
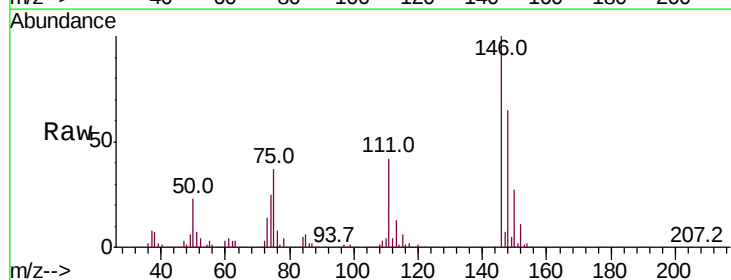
Delta R.T. -0.00 min

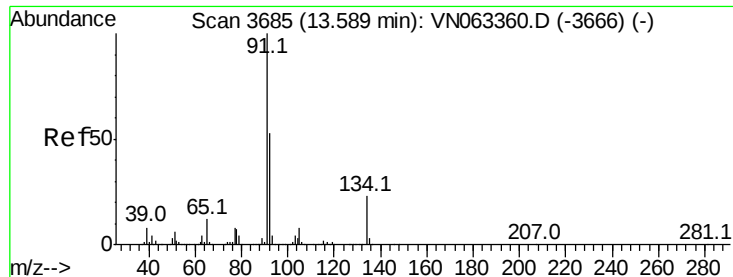
Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Tgt Ion:146 Resp: 386191

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.2	63.6
148	64.4	31.9	95.9





#89

n-Butylbenzene

Concen: 48.733 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063448.D

Acq: 18 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

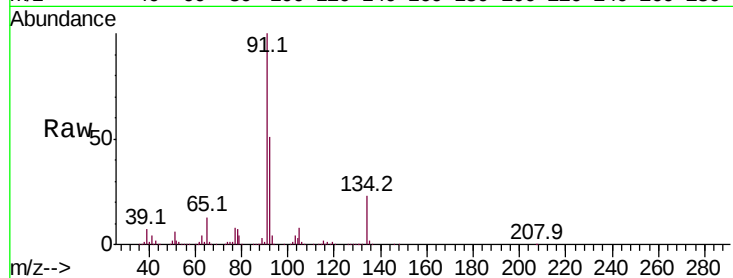
Tot Ion: 91 Resp: 704885

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

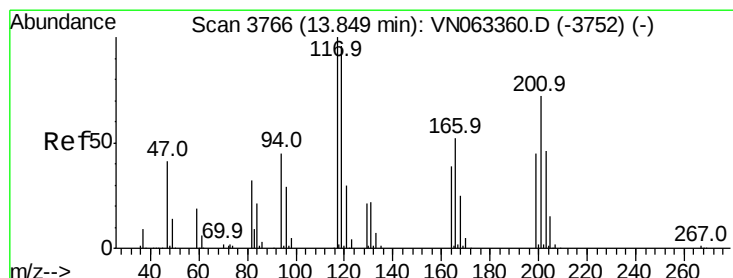
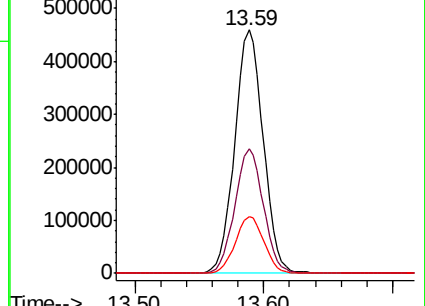
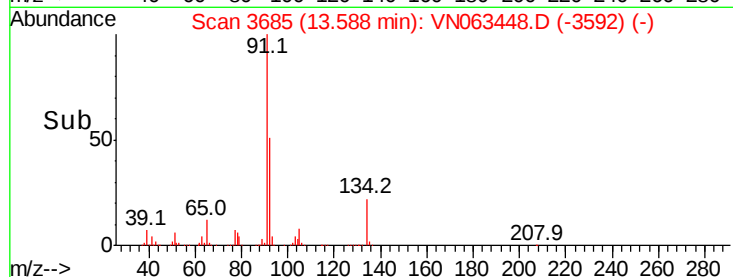
134 23.6 11.7 35.0



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

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

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



#90

Hexachloroethane

Concen: 45.156 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063448.D

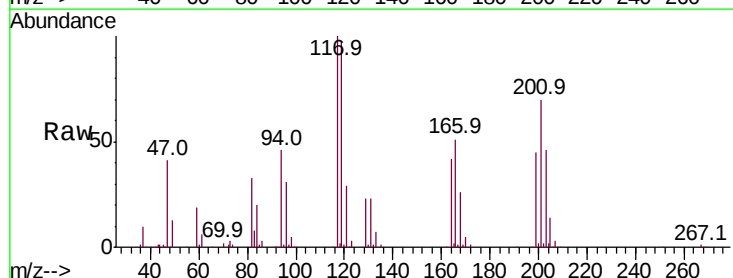
Acq: 18 Sep 2020 10:32

Tgt Ion: 117 Resp: 134930

Ion Ratio Lower Upper

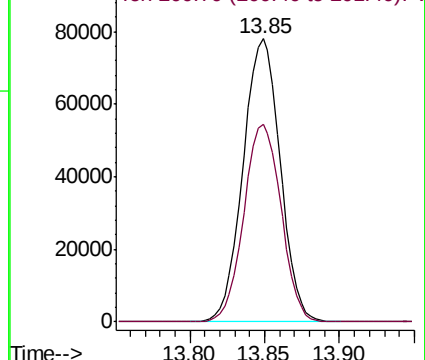
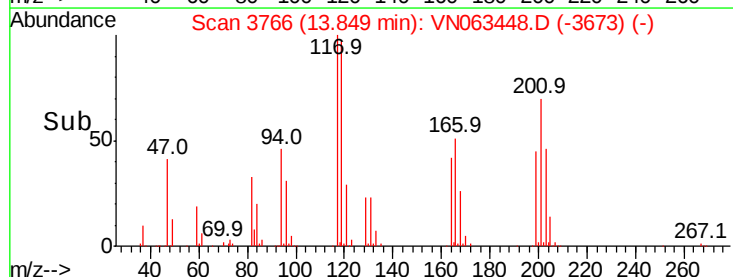
117 100

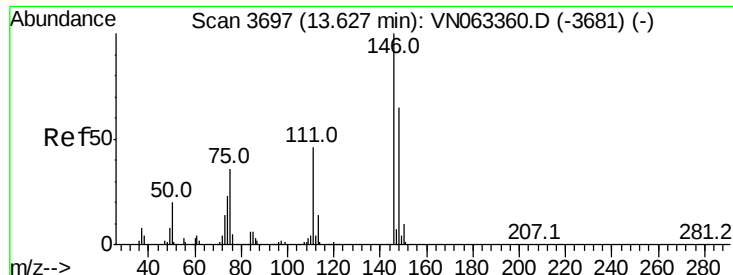
201 70.1 35.5 106.7



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

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

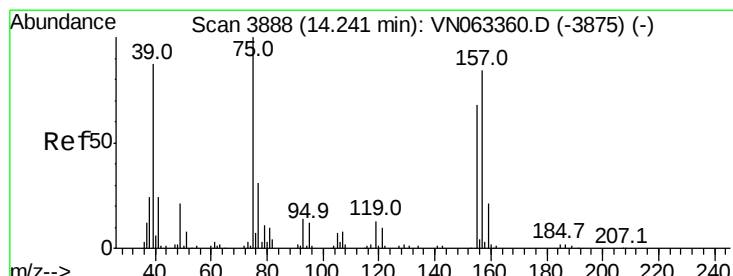
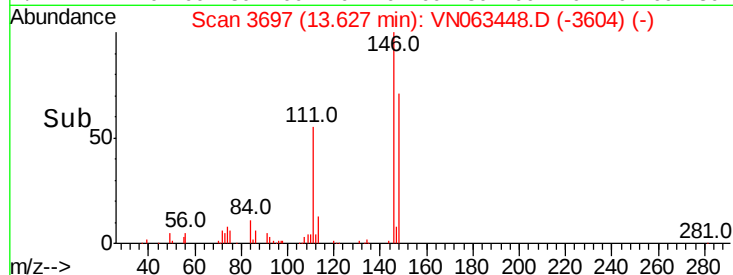
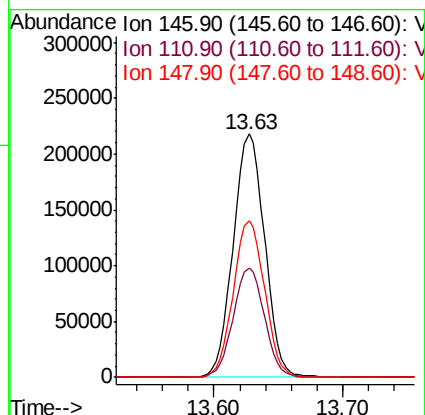
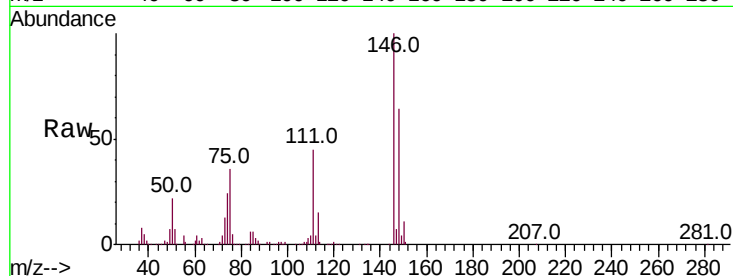




#91
 1,2-Dichlorobenzene
 Concen: 46.894 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

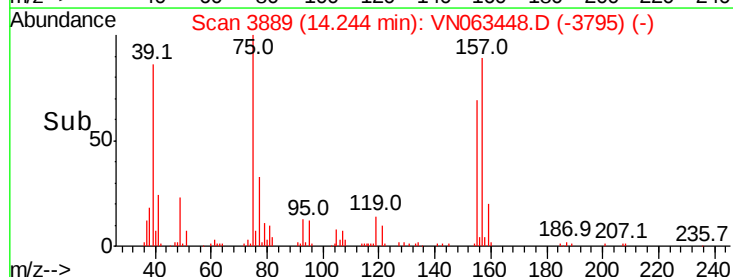
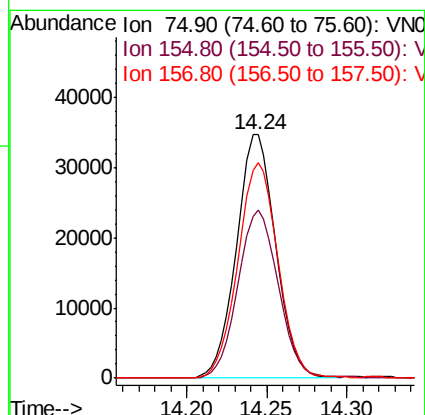
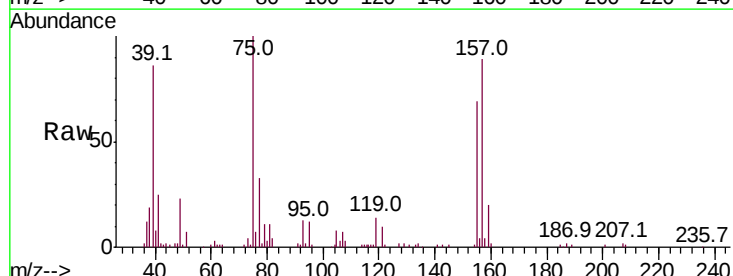
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

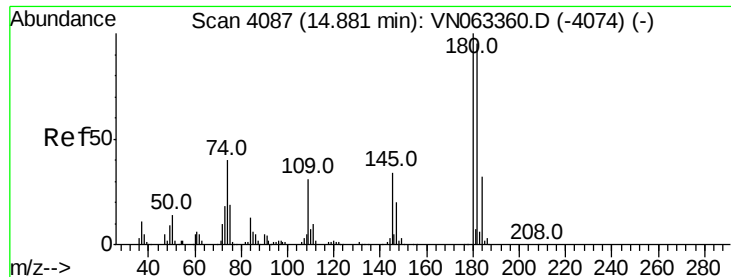
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.4	67.2
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.840 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.8	34.6	103.9
157	90.1	43.7	131.1

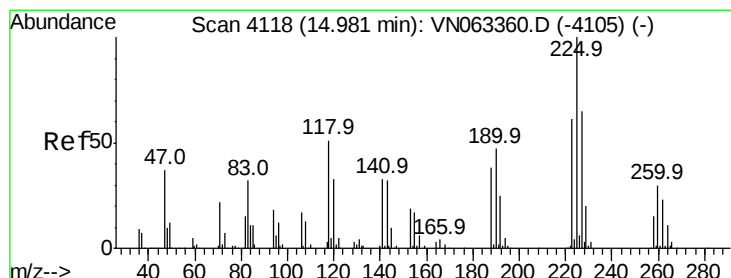
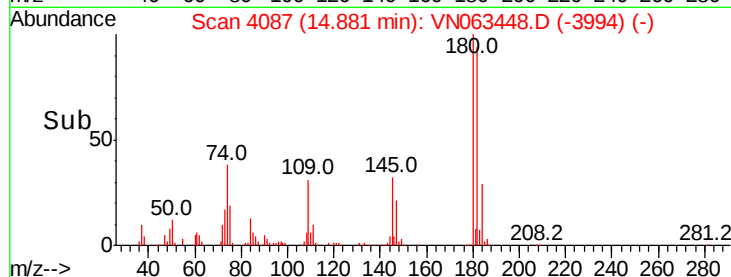
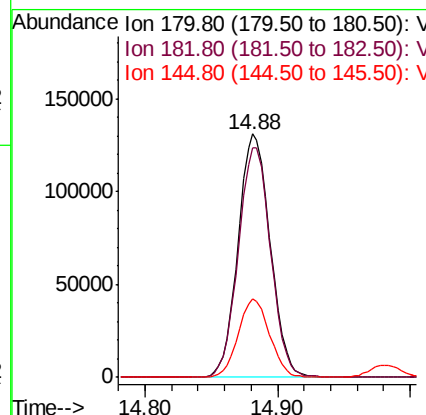
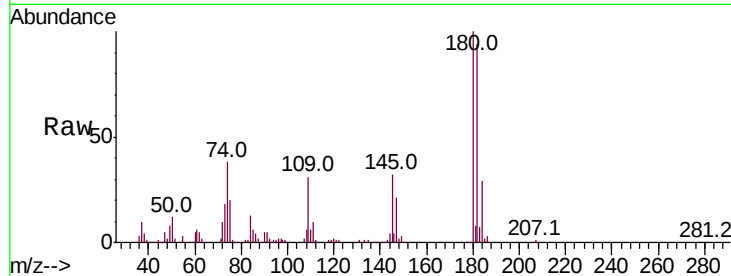




#93
 1,2,4-Trichlorobenzene
 Concen: 47.330 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

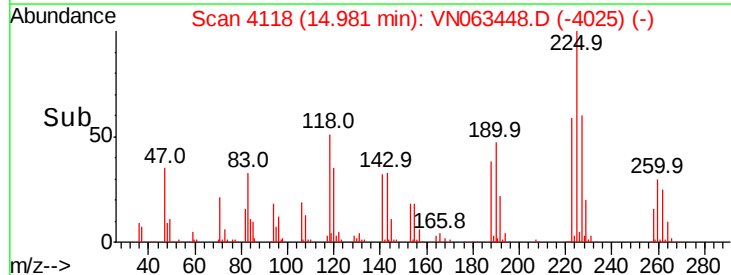
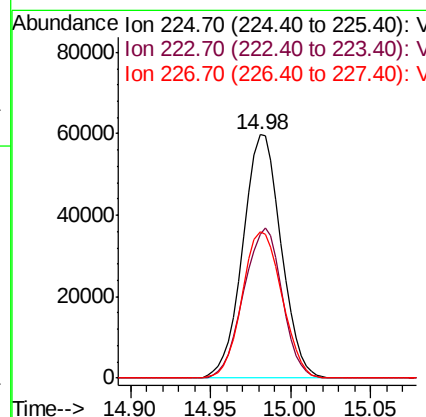
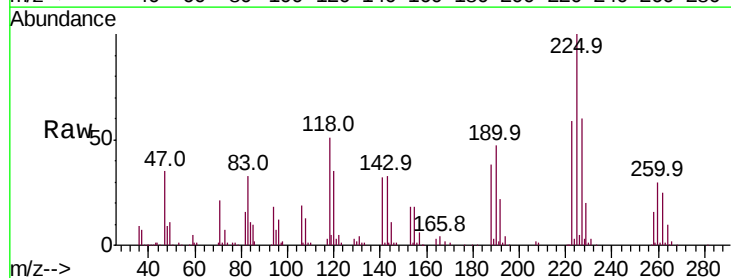
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

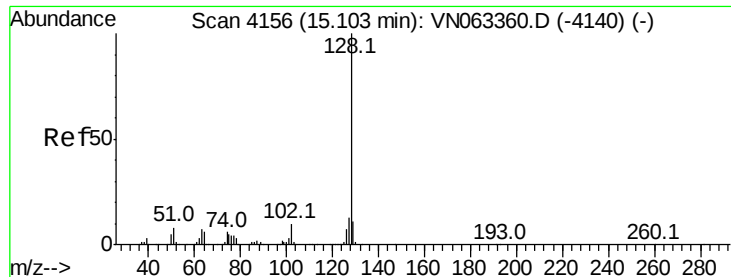
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	31.6	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 50.478 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063448.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.6	91.6
227	62.4	31.2	93.6

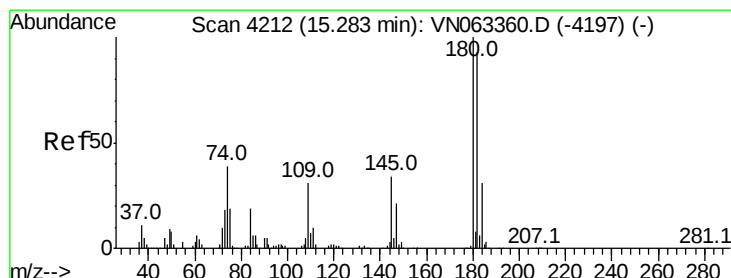
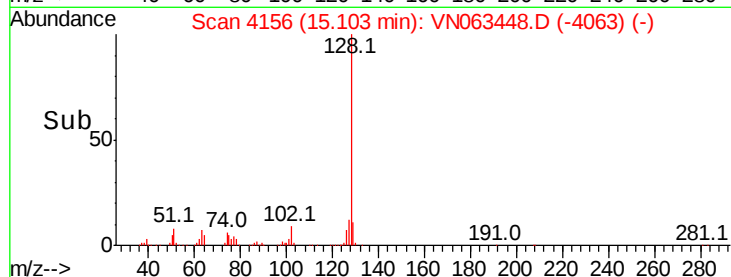
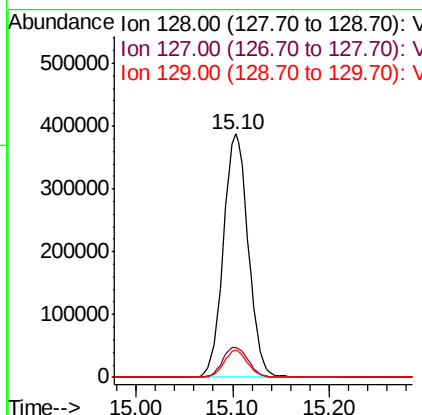
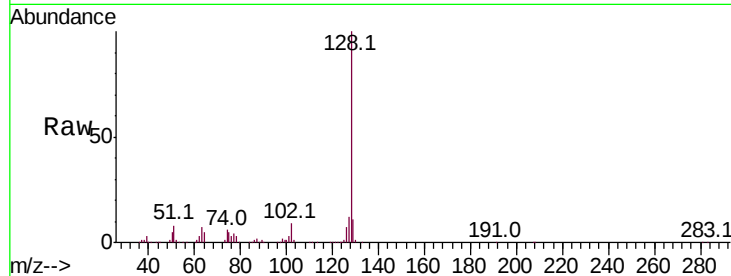




#95
Naphthalene
Concen: 44.901 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 691337
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.640 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063448.D
Acq: 18 Sep 2020 10:32

Tgt Ion:180 Resp: 201013
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.1
145 34.9 16.8 50.3

