

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
 Data File : VN063671.D
 Acq On : 25 Sep 2020 9:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 25 11:46:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	407487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	195223	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.55	113	138546	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.06	98	513925	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.38	95	195574	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	116136	44.819	ug/l	97
3) Chloromethane	2.04	50	144123	42.044	ug/l	99
4) Vinyl Chloride	2.17	62	144892	47.708	ug/l	99
5) Bromomethane	2.53	94	86229	47.819	ug/l	98
6) Chloroethane	2.67	64	92130	49.419	ug/l	90
7) Trichlorofluoromethane	2.99	101	232285	51.263	ug/l	97
8) Diethyl Ether	3.37	74	85793	48.569	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	120876	47.434	ug/l	98
10) Methyl Iodide	3.91	142	159087	47.951	ug/l	97
11) Tert butyl alcohol	4.73	59	107014	198.402	ug/l	97
12) 1,1-Dichloroethene	3.70	96	119609	46.340	ug/l	98
13) Acrolein	3.57	56	55375	277.032	ug/l	98
14) Allyl chloride	4.28	41	212517	41.625	ug/l	96
15) Acrylonitrile	4.93	53	333668	243.197	ug/l	99
16) Acetone	3.78	43	314080	251.005	ug/l	98
17) Carbon Disulfide	4.01	76	309659	41.245	ug/l	99
18) Methyl Acetate	4.28	43	163359	51.426	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	455023	47.300	ug/l	99
20) Methylene Chloride	4.51	84	147277	46.455	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	133206	46.581	ug/l	94
22) Diisopropyl ether	5.90	45	496361	47.670	ug/l	99
23) Vinyl Acetate	5.84	43	2026237	236.946	ug/l	100
24) 1,1-Dichloroethane	5.80	63	273693	48.145	ug/l	99
25) 2-Butanone	6.78	43	459410	238.722	ug/l	96
26) 2,2-Dichloropropane	6.78	77	142065	28.384	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	156620	48.388	ug/l	95
28) Bromochloromethane	7.15	49	129985	49.522	ug/l	99
29) Tetrahydrofuran	7.17	42	306001	232.813	ug/l	99
30) Chloroform	7.33	83	284023	49.798	ug/l	100
31) Cyclohexane	7.61	56	217065	40.367	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	248717	49.029	ug/l	99
36) 1,1-Dichloropropene	7.76	75	199943	46.057	ug/l	99
37) Ethyl Acetate	6.88	43	196257	46.062	ug/l	100
38) Carbon Tetrachloride	7.74	117	214436	48.389	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	195957	41.590	ug/l	98
40) Benzene	8.00	78	587327	47.394	ug/l	99
41) Methacrylonitrile	7.13	41	104178	54.364	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	242297	48.618	ug/l	98
43) Isopropyl Acetate	8.13	43	343989	45.151	ug/l #	89
44) Trichloroethene	8.80	130	144018	47.914	ug/l	98
45) 1,2-Dichloropropane	9.08	63	162206	48.058	ug/l	98
46) Dibromomethane	9.17	93	107808	48.598	ug/l	98
47) Bromodichloromethane	9.37	83	227239	49.308	ug/l	100
48) Methyl methacrylate	9.17	41	170852	45.645	ug/l	96
49) 1,4-Dioxane	9.16	88	45354	844.344	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1035616	242.809	ug/l	99
52) Toluene	10.13	92	363462	48.782	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	229793	44.664	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	240118	44.246	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	149294	50.446	ug/l	95
56) Ethyl methacrylate	10.40	69	221370	47.914	ug/l	100
57) 1,3-Dichloropropane	10.68	76	256852	48.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	568881	234.723	ug/l	98
59) 2-Hexanone	10.72	43	744043	240.792	ug/l	100
60) Dibromochloromethane	10.87	129	169496	50.695	ug/l	99
61) 1,2-Dibromoethane	10.98	107	155359	50.528	ug/l	99
64) Tetrachloroethene	10.60	164	135446	51.109	ug/l	98
65) Chlorobenzene	11.41	112	387955	46.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	150673	49.753	ug/l	98
67) Ethyl Benzene	11.49	91	725930	46.659	ug/l	99
68) m/p-Xylenes	11.60	106	541212	96.481	ug/l	97
69) o-Xylene	11.92	106	259704	48.600	ug/l	98
70) Styrene	11.94	104	446852	49.865	ug/l	99
71) Bromoform	12.10	173	112883	50.035	ug/l #	98
73) Isopropylbenzene	12.23	105	698985	45.882	ug/l	99
74) N-amyl acetate	12.05	43	323820	44.904	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	215088	45.598	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	281858	59.900	ug/l #	100
77) Bromobenzene	12.50	156	167160	48.780	ug/l	94
78) n-propylbenzene	12.57	91	806844	45.472	ug/l	100
79) 2-Chlorotoluene	12.65	91	489795	46.049	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	593227	46.698	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	61406	35.778	ug/l	97
82) 4-Chlorotoluene	12.75	91	513710	45.711	ug/l	99
83) tert-Butylbenzene	12.97	119	479220	45.707	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	596336	46.474	ug/l	100
85) sec-Butylbenzene	13.15	105	637966	45.457	ug/l	99
86) p-Isopropyltoluene	13.26	119	560421	45.274	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	299021	47.078	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	303343	46.974	ug/l	99
89) n-Butylbenzene	13.59	91	493502	43.252	ug/l	99
90) Hexachloroethane	13.85	117	102184	43.352	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	300774	48.233	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	47734	42.497	ug/l	98

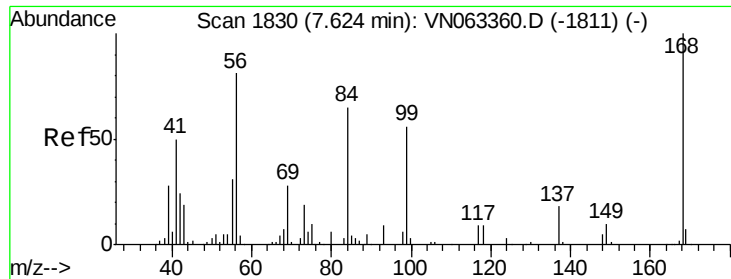
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	154832	42.117	ug/l	100
94) Hexachlorobutadiene	14.98	225	74449	48.918	ug/l	99
95) Naphthalene	15.10	128	491027	40.429	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	150039	42.240	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

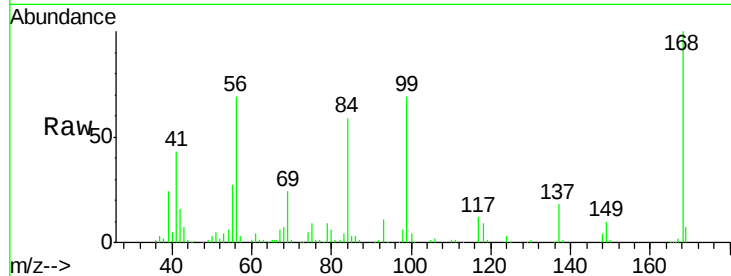
VSTDCCC050EC

Tgt Ion:168 Resp: 228722

Ion Ratio Lower Upper

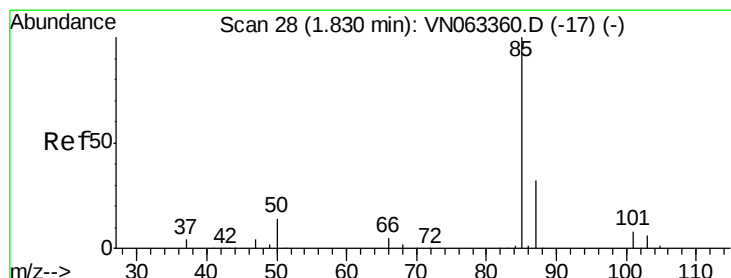
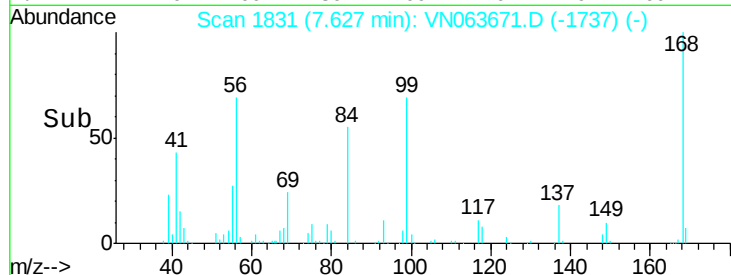
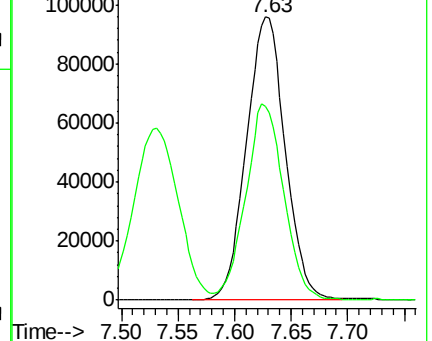
168 100

99 68.4 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: 44.819 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063671.D

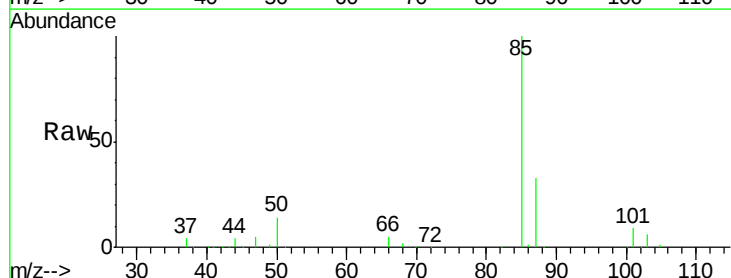
Acq: 25 Sep 2020 9:25

Tgt Ion: 85 Resp: 116136

Ion Ratio Lower Upper

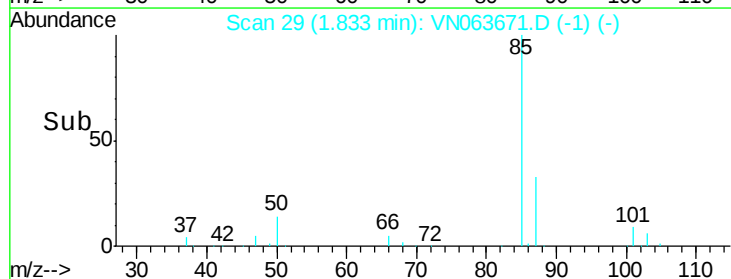
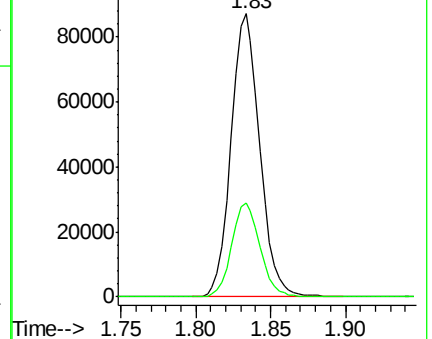
85 100

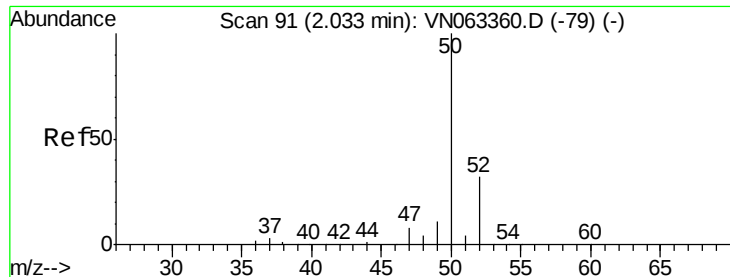
87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.044 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

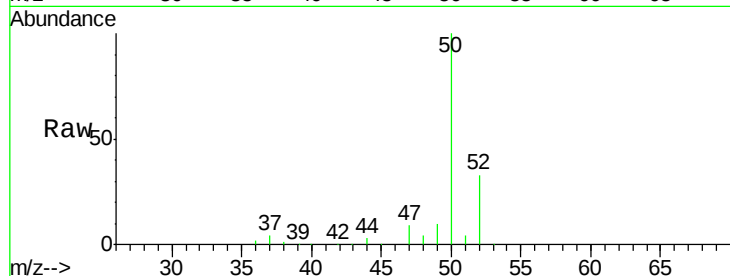
VSTDCCC050EC

Tgt Ion: 50 Resp: 144123

Ion Ratio Lower Upper

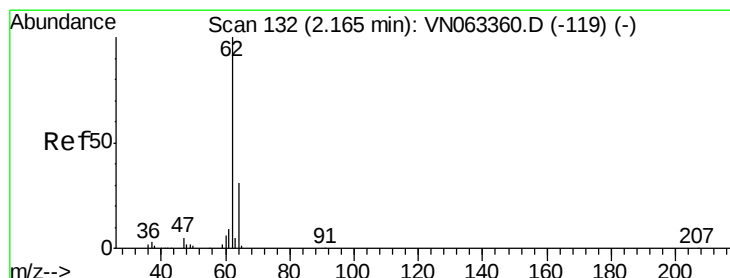
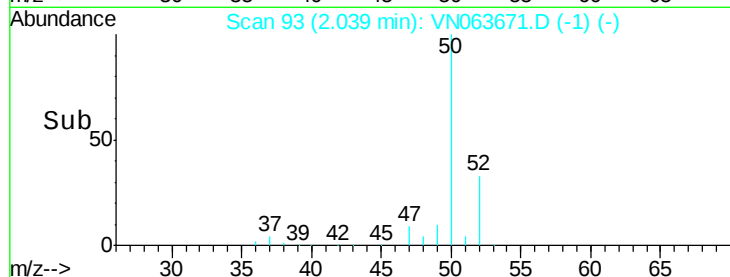
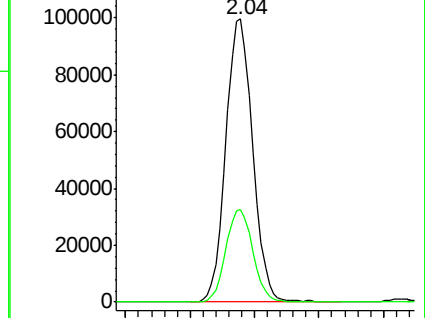
50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 47.708 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063671.D

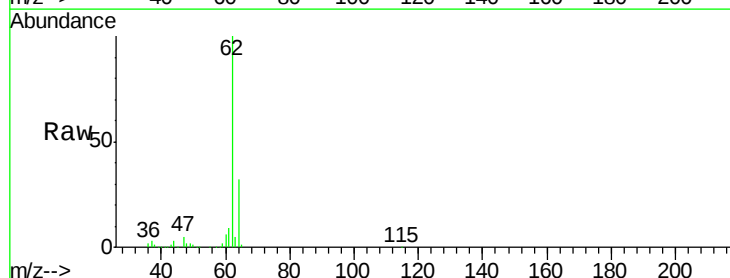
Acq: 25 Sep 2020 9:25

Tgt Ion: 62 Resp: 144892

Ion Ratio Lower Upper

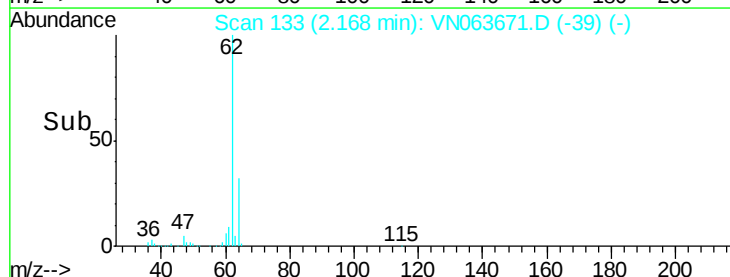
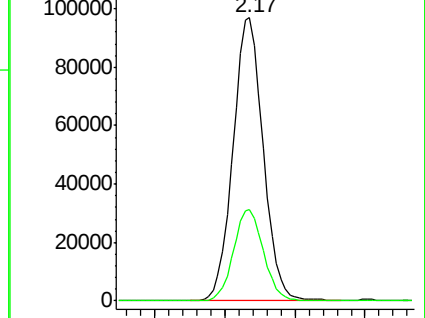
62 100

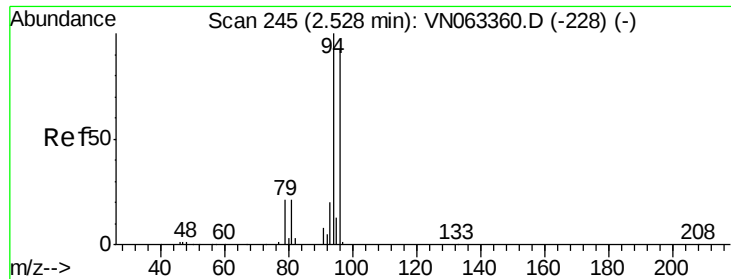
64 32.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 47.819 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

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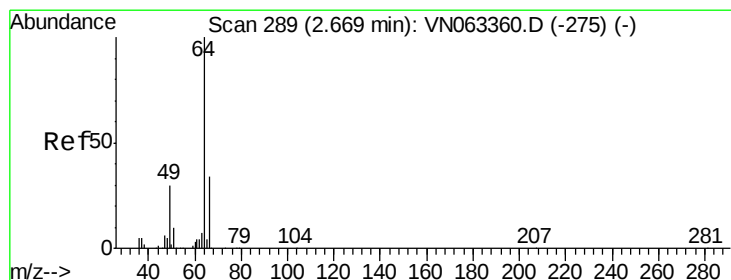
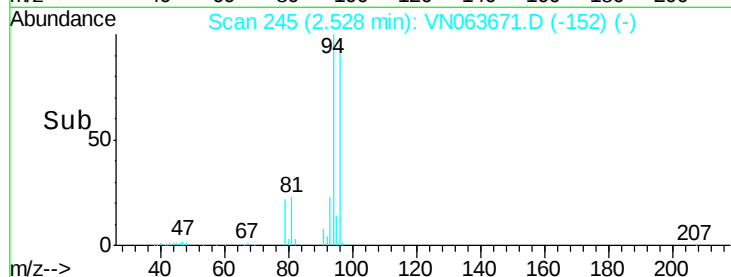
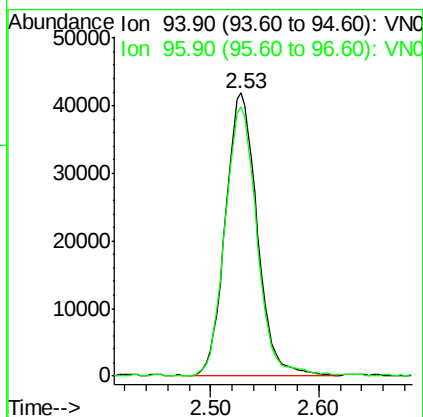
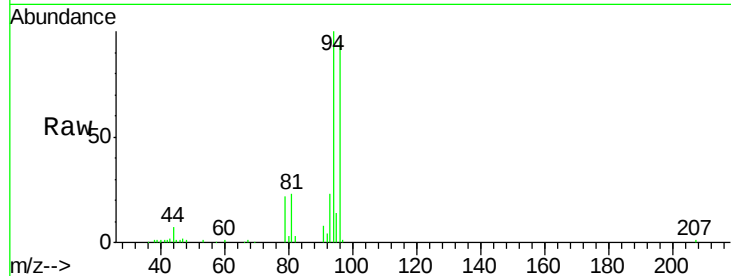
VSTDCCC050EC

Tgt Ion: 94 Resp: 86229

Ion Ratio Lower Upper

94 100

96 95.1 74.5 111.7



#6

Chloroethane

Concen: 49.419 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063671.D

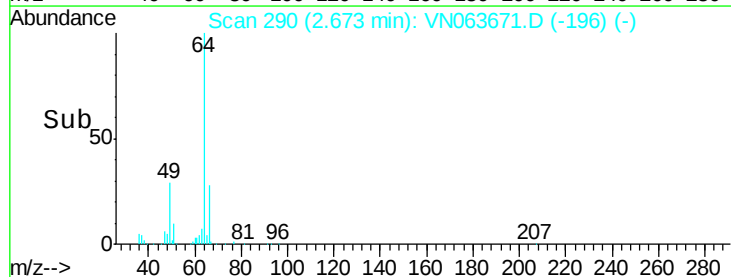
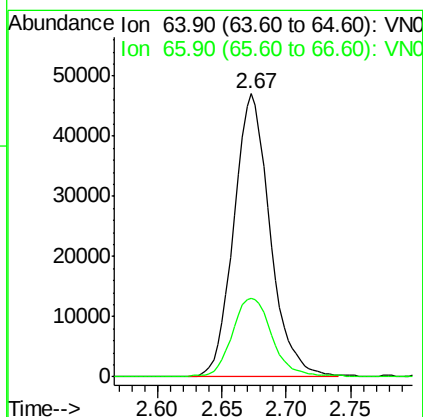
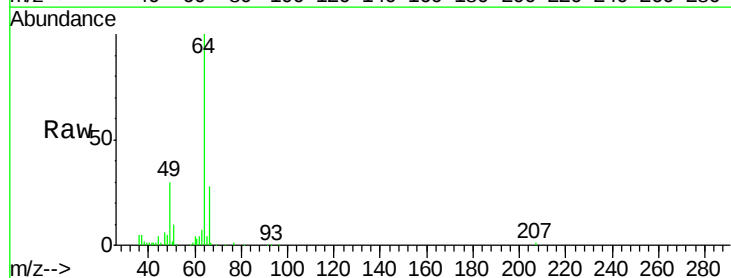
Acq: 25 Sep 2020 9:25

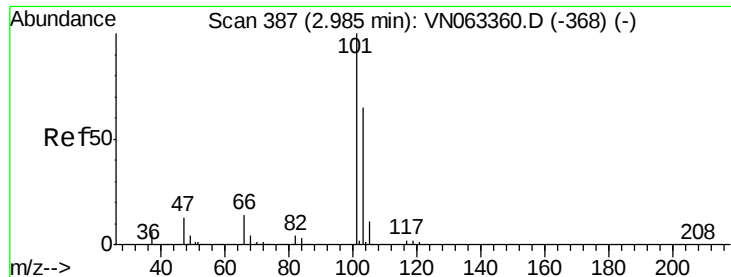
Tgt Ion: 64 Resp: 92130

Ion Ratio Lower Upper

64 100

66 27.9 26.9 40.3





#7

Trichlorofluoromethane

Concen: 51.263 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

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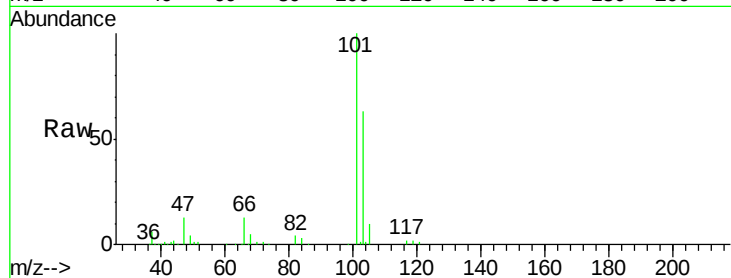
VSTDCCC050EC

Tgt Ion:101 Resp: 232285

Ion Ratio Lower Upper

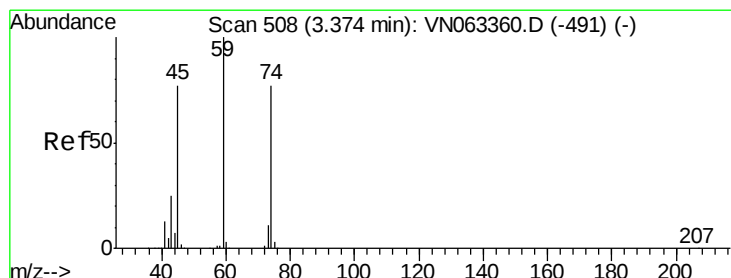
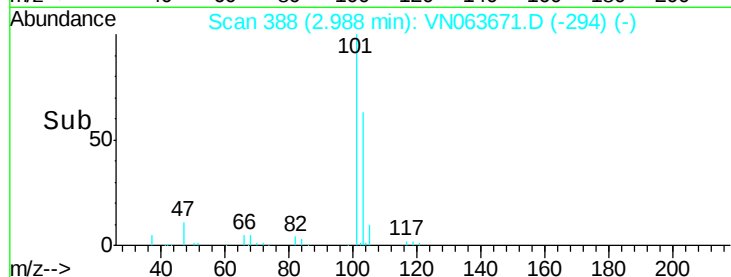
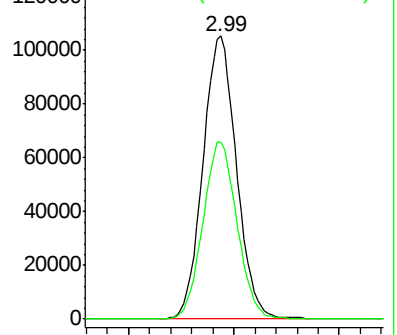
101 100

103 62.7 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.569 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063671.D

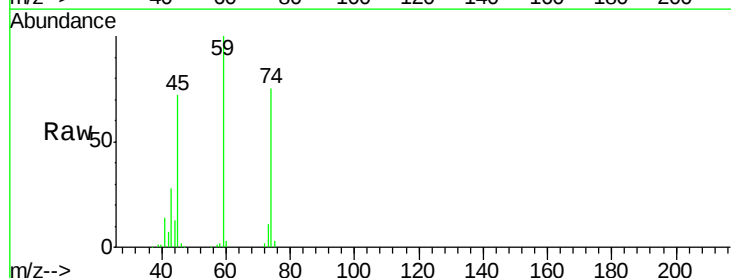
Acq: 25 Sep 2020 9:25

Tgt Ion: 74 Resp: 85793

Ion Ratio Lower Upper

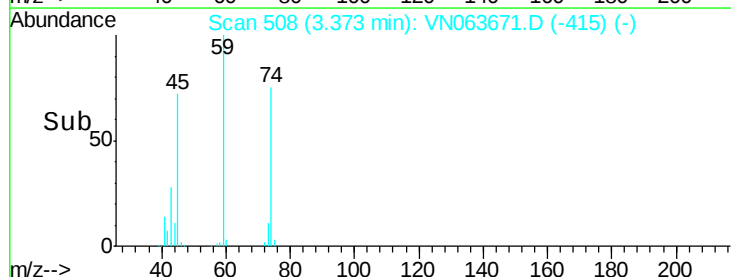
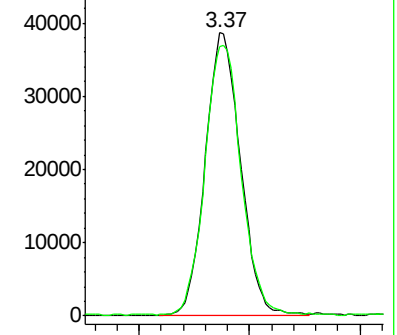
74 100

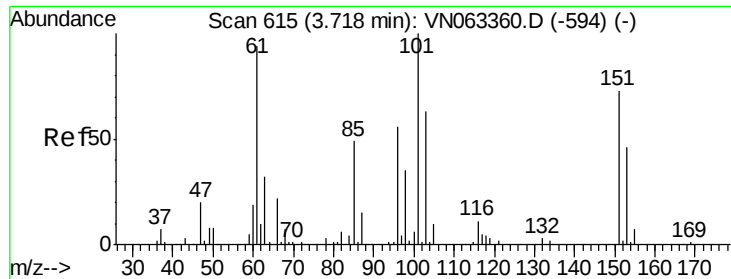
45 99.2 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.434 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063671.D

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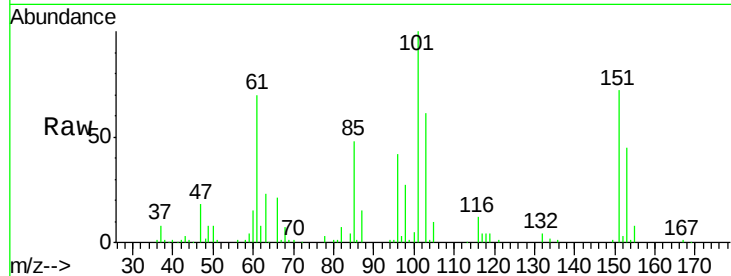
Tgt Ion:101 Resp: 120876

Ion Ratio Lower Upper

101 100

85 48.9 37.7 56.5

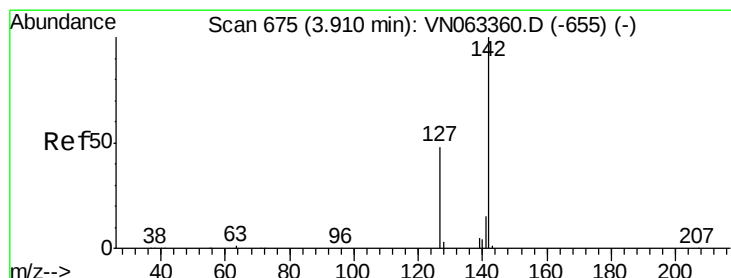
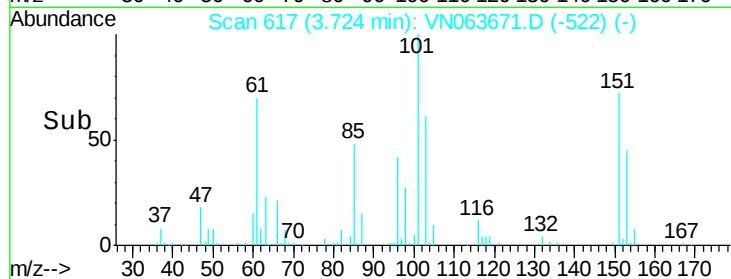
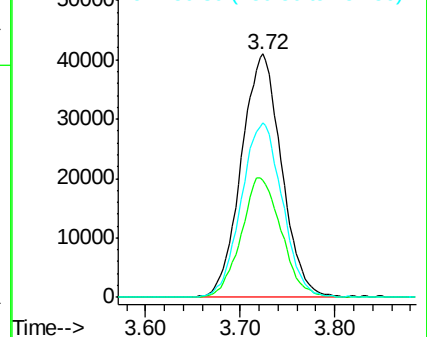
151 73.0 57.7 86.5



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: 47.951 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

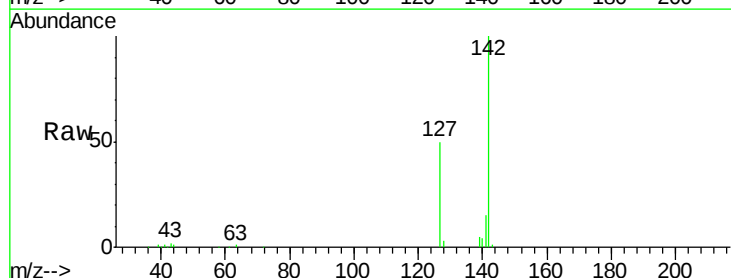
Tgt Ion:142 Resp: 159087

Ion Ratio Lower Upper

142 100

127 51.0 39.0 58.6

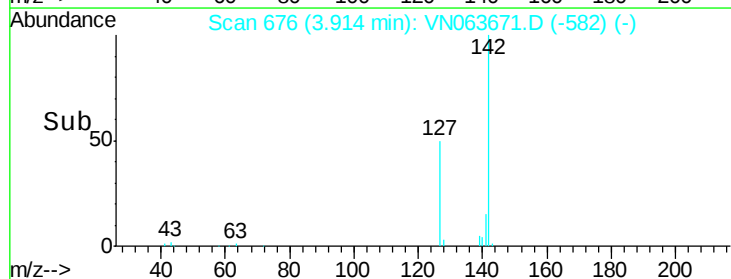
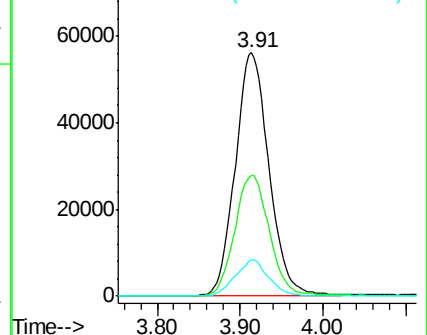
141 14.6 11.6 17.4

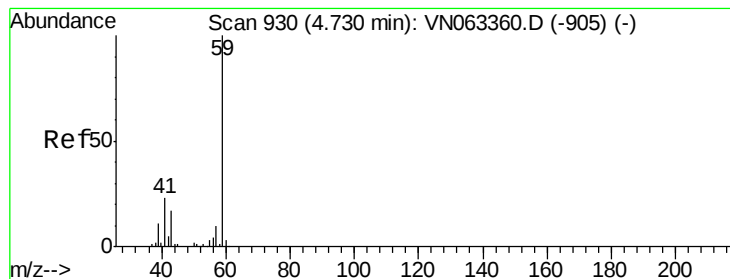


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



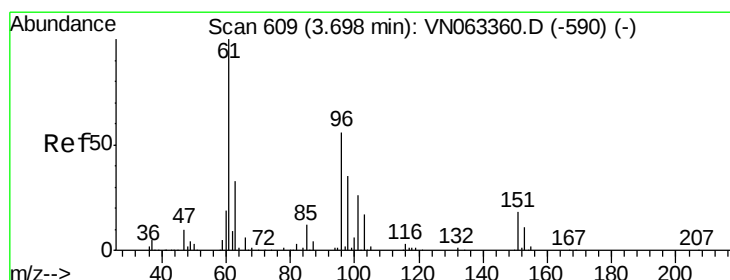
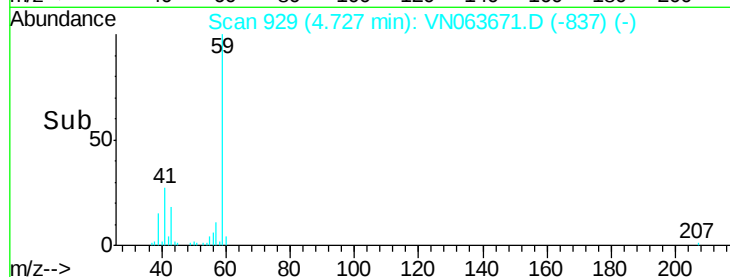
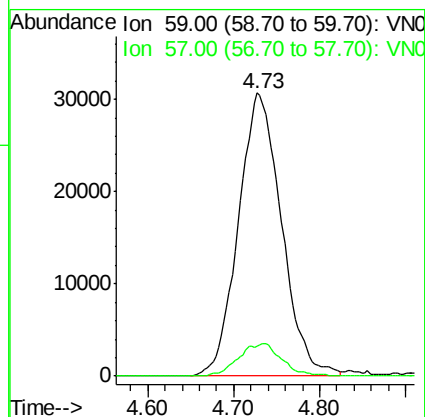
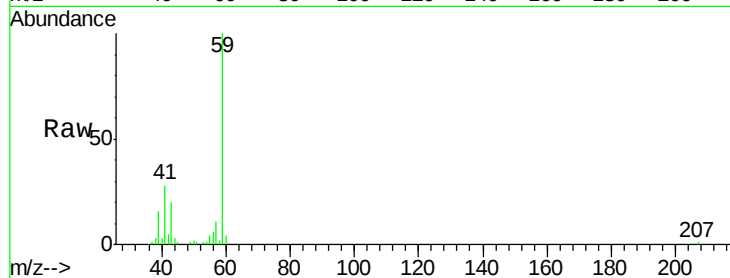


#11

Tert butyl alcohol
 Concen: 198.402 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

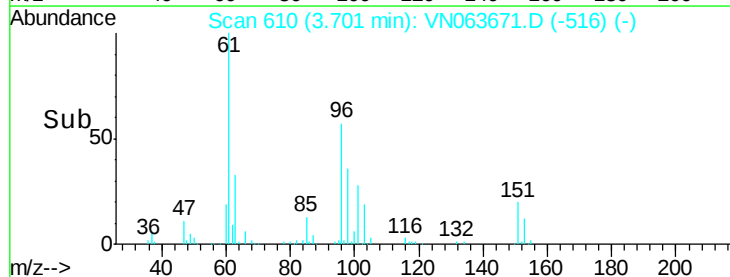
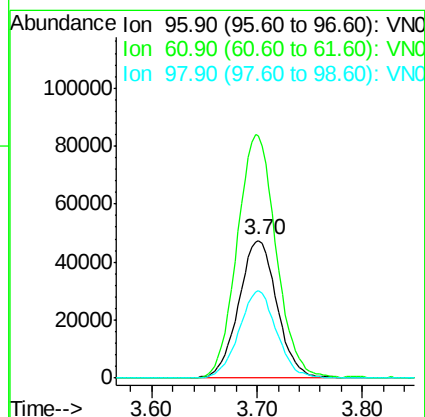
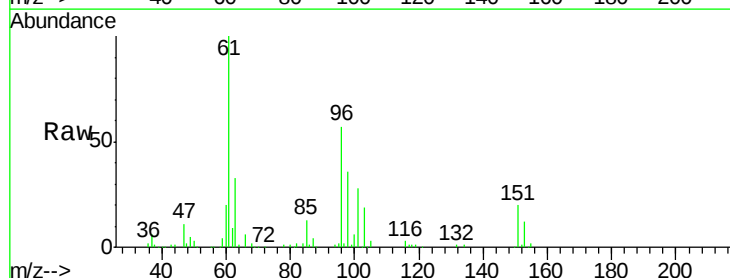
Tgt Ion: 59 Resp: 107014
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.4 12.6

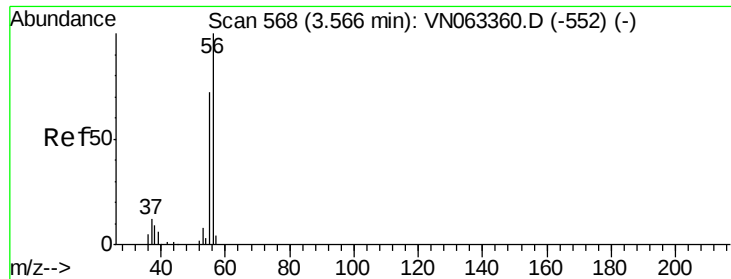


#12

1,1-Dichloroethene
 Concen: 46.340 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion: 96 Resp: 119609
 Ion Ratio Lower Upper
 96 100
 61 175.5 143.4 215.2
 98 63.5 50.6 76.0





#13

Acrolein

Concen: 277.032 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

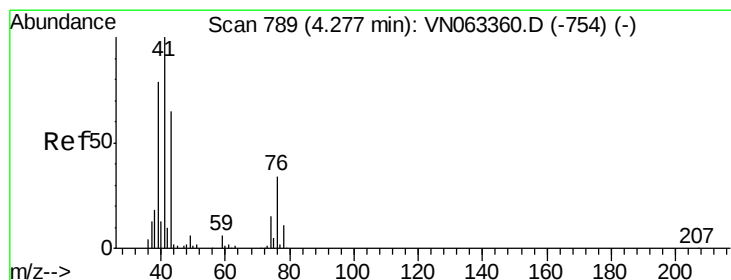
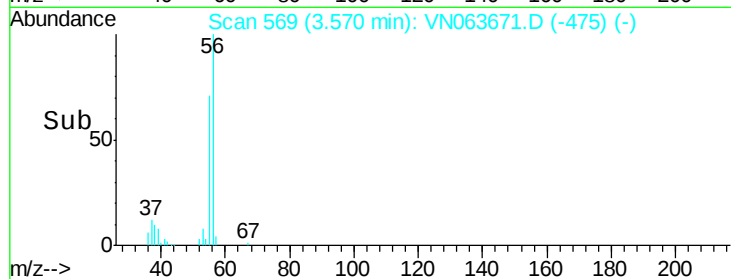
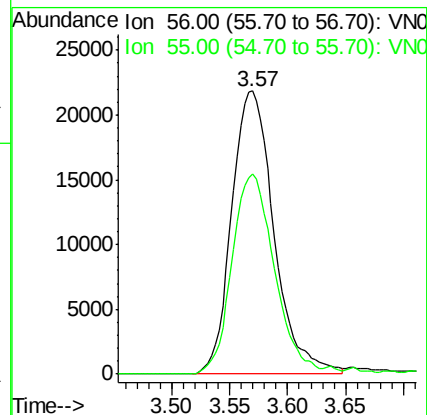
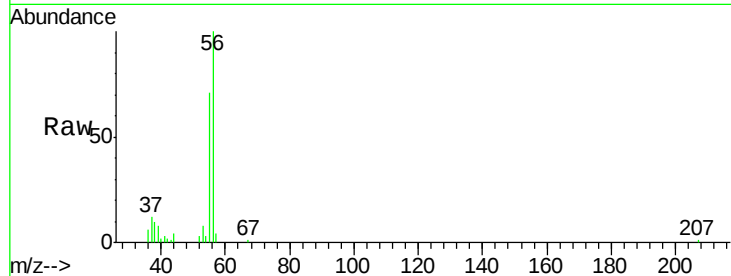
VSTDCCC050EC

Tgt Ion: 56 Resp: 55375

Ion Ratio Lower Upper

56 100

55 70.7 58.2 87.2



#14

Allyl chloride

Concen: 41.625 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

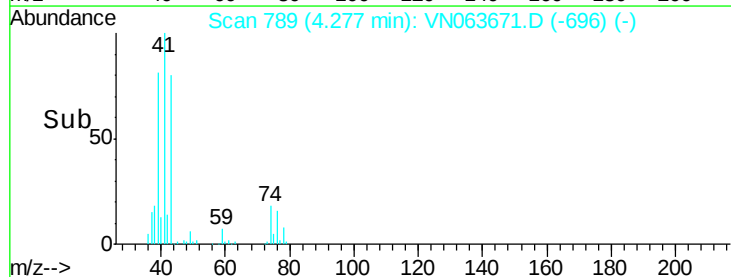
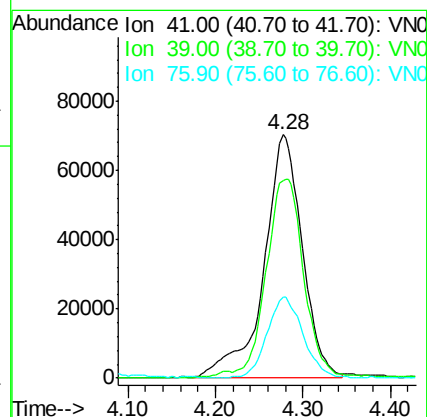
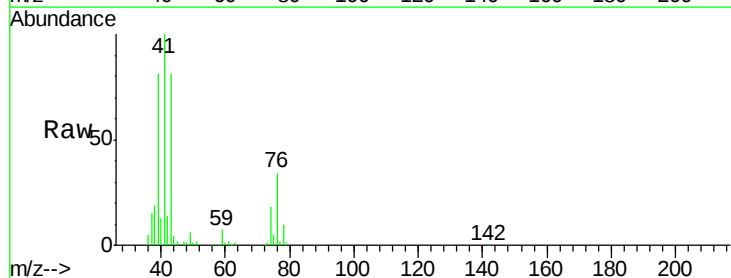
Tgt Ion: 41 Resp: 212517

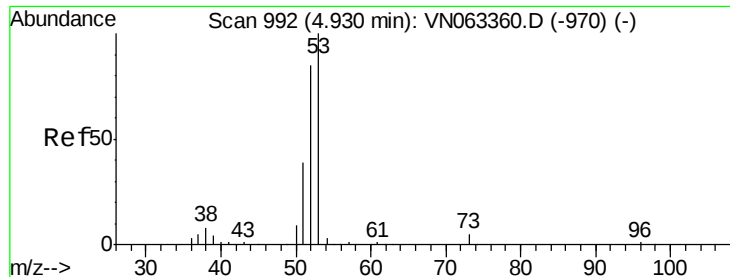
Ion Ratio Lower Upper

41 100

39 78.3 59.3 88.9

76 30.6 25.3 37.9





#15

Acrylonitrile

Concen: 243.197 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

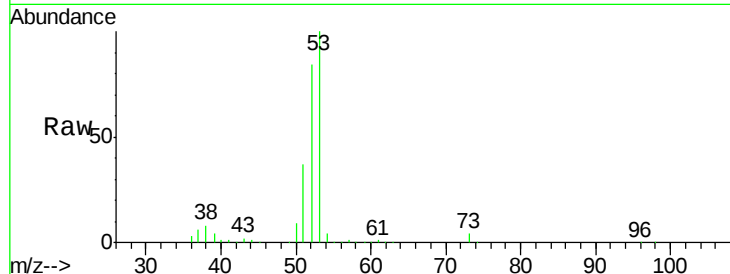
Tgt Ion: 53 Resp: 333668

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

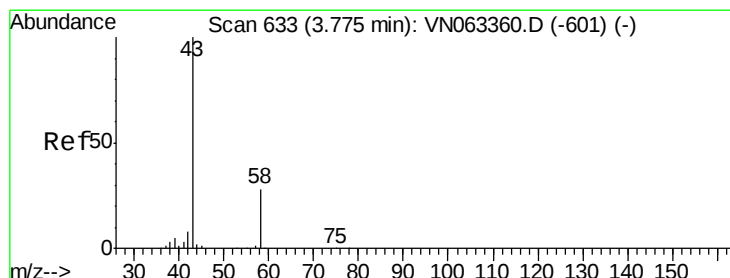
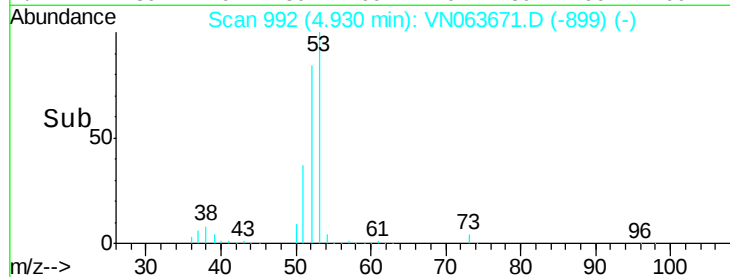
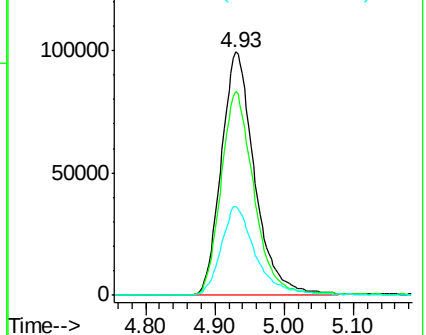
51 37.4 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 251.005 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063671.D

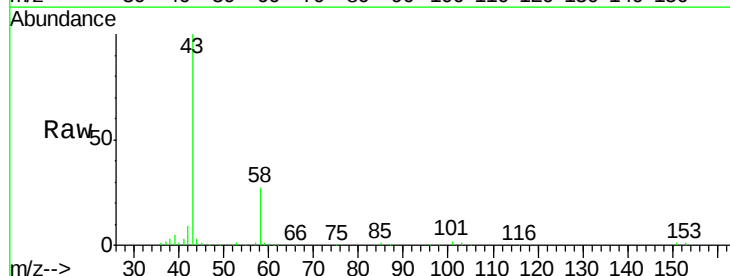
Acq: 25 Sep 2020 9:25

Tgt Ion: 43 Resp: 314080

Ion Ratio Lower Upper

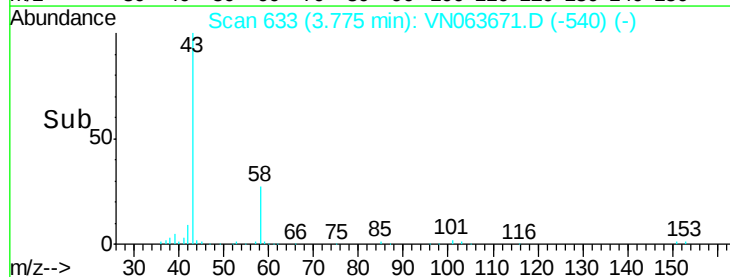
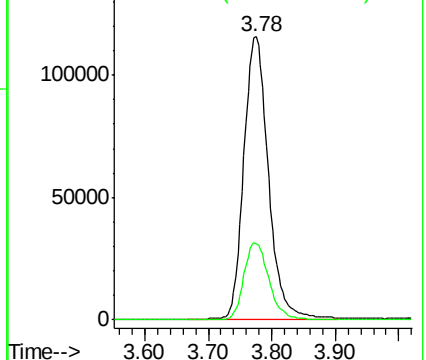
43 100

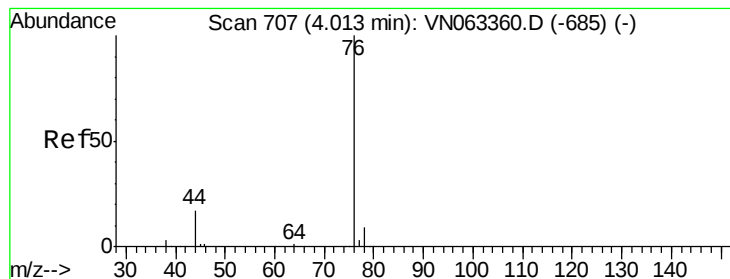
58 26.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 41.245 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

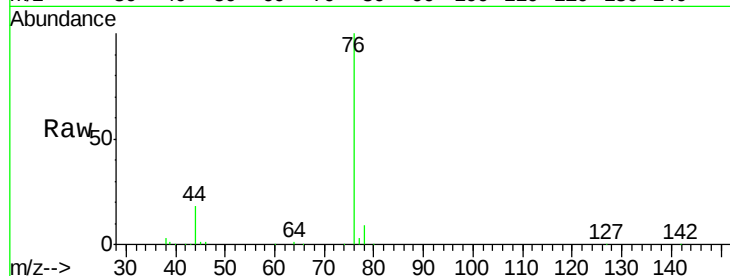
VSTDCCC050EC

Tgt Ion: 76 Resp: 309659

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

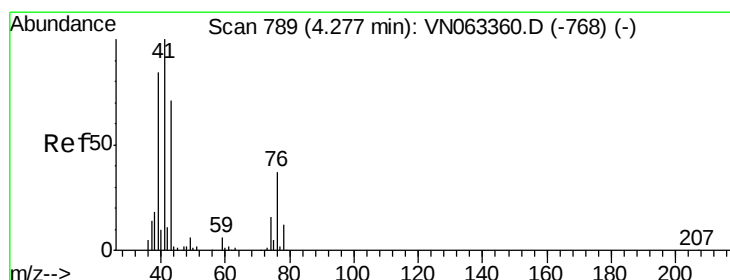
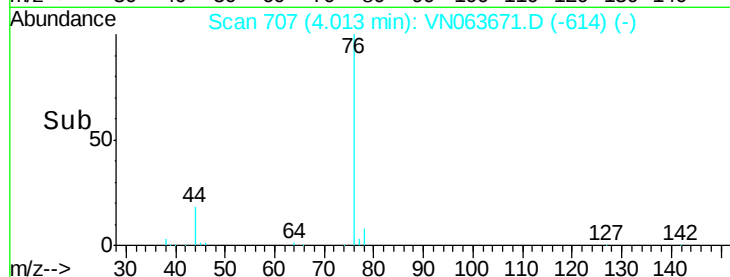
100000

50000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 51.426 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063671.D

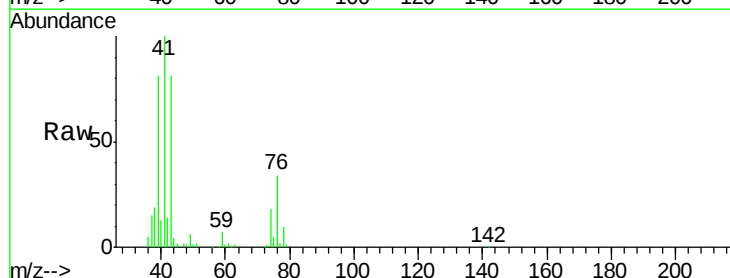
Acq: 25 Sep 2020 9:25

Tgt Ion: 43 Resp: 163359

Ion Ratio Lower Upper

43 100

74 22.0 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.28

60000

50000

40000

30000

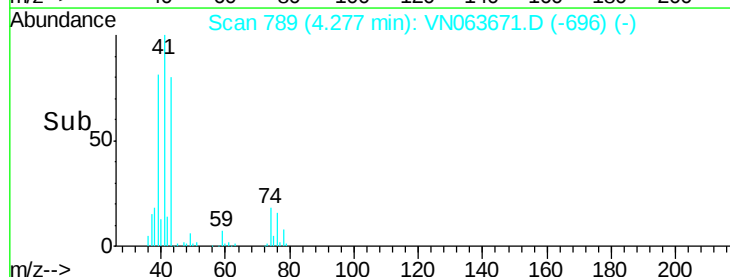
20000

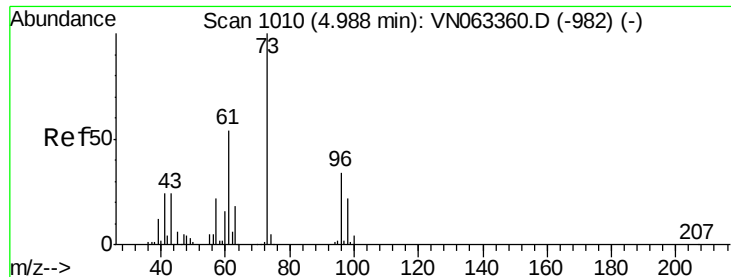
10000

0

Time-->

4.20 4.30 4.40

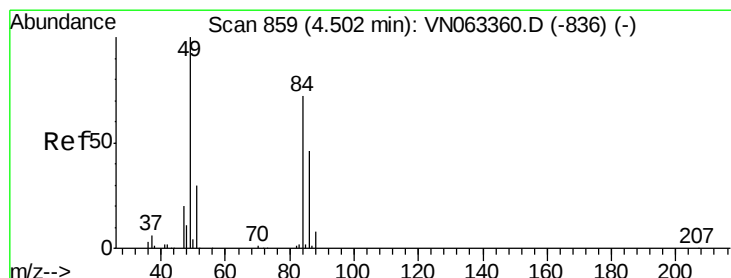
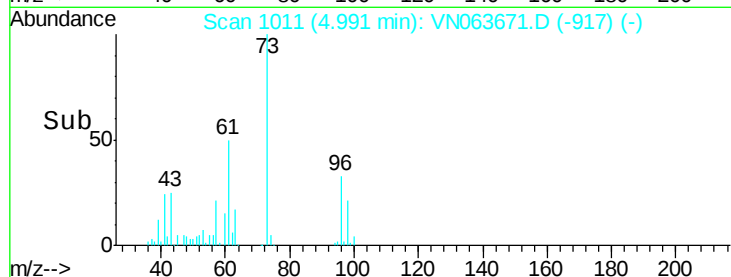
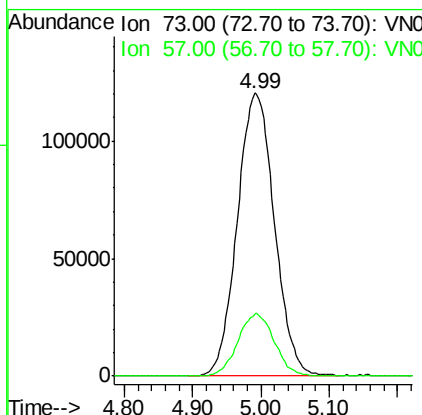
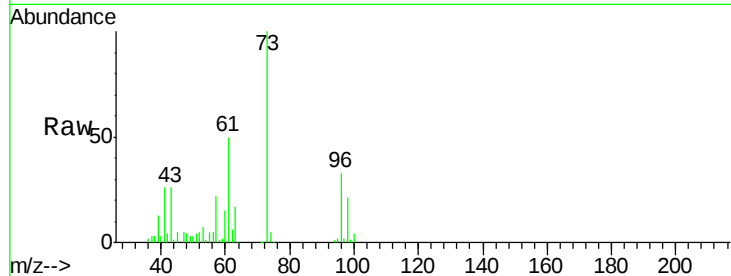




#19
Methyl tert-butyl Ether
Concen: 47.300 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

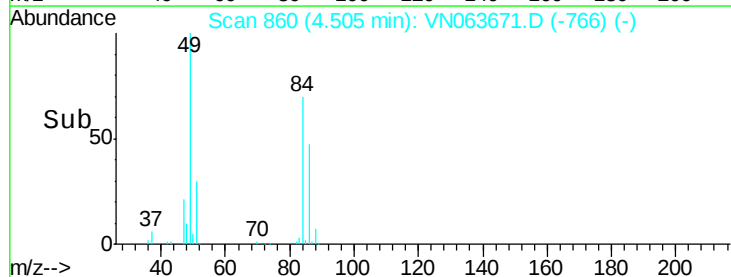
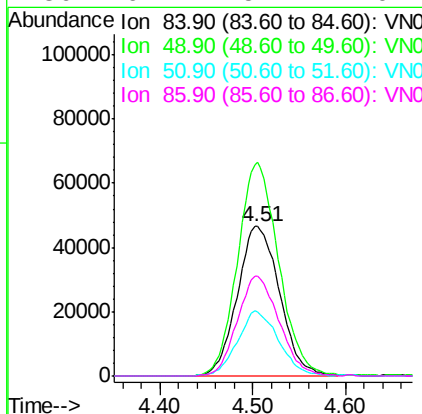
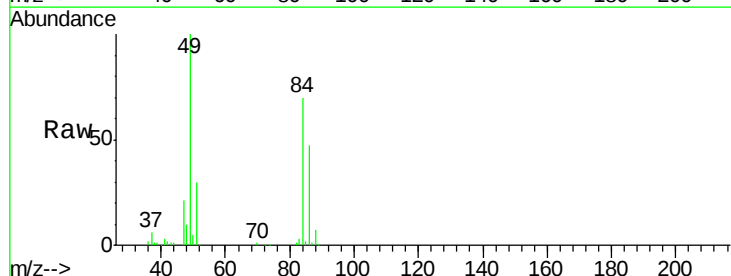
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

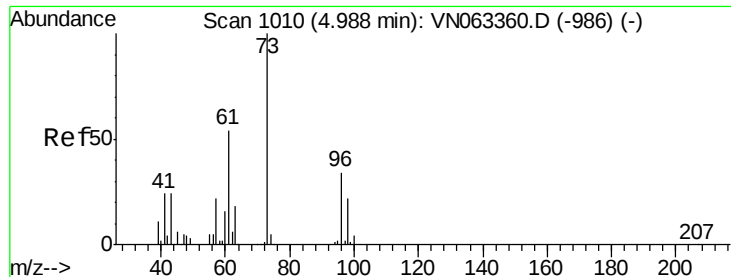
Tgt Ion: 73 Resp: 455023
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9



#20
Methylene Chloride
Concen: 46.455 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion: 84 Resp: 147277
Ion Ratio Lower Upper
84 100
49 142.8 110.7 166.1
51 42.9 32.9 49.3
86 67.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.581 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

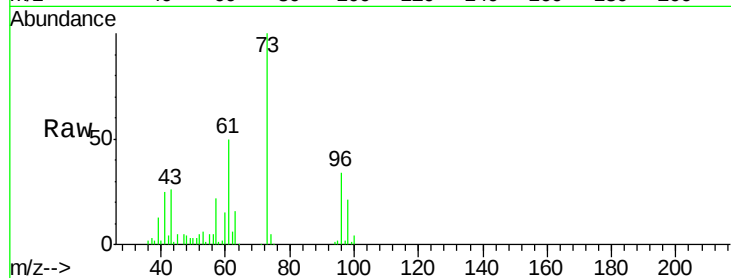
Tgt Ion: 96 Resp: 133206

Ion Ratio Lower Upper

96 100

61 148.0 126.2 189.4

98 63.2 51.0 76.4

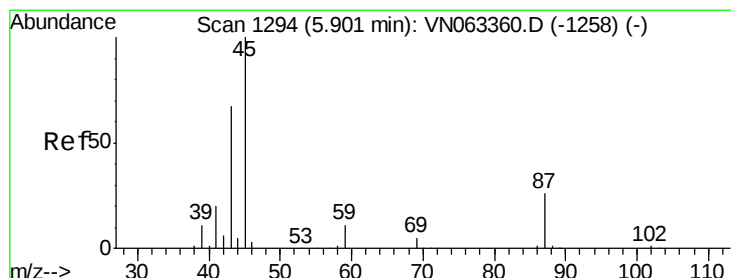
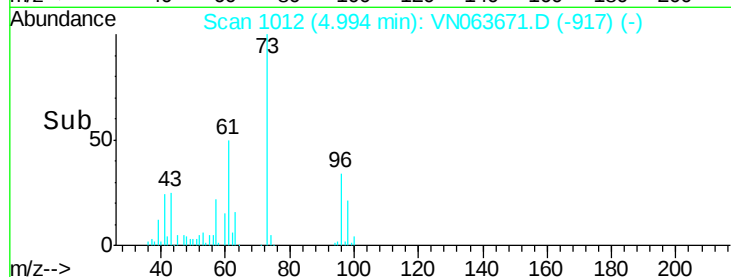
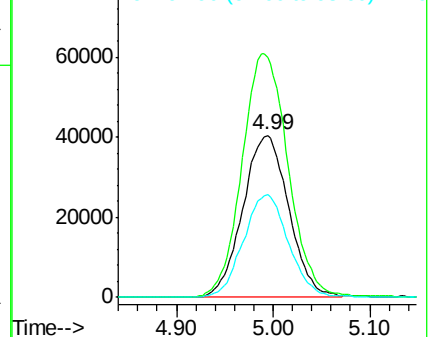


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.670 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Tgt Ion: 45 Resp: 496361

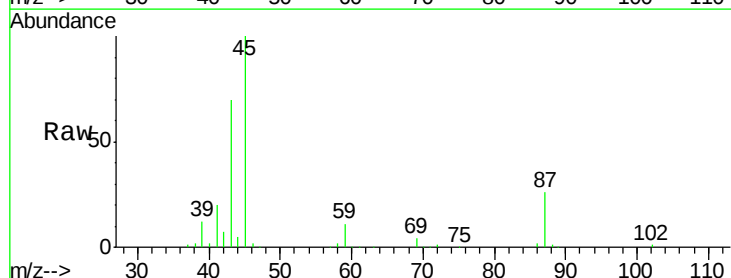
Ion Ratio Lower Upper

45 100

43 68.2 53.5 80.3

87 25.8 21.2 31.8

59 11.1 8.8 13.2



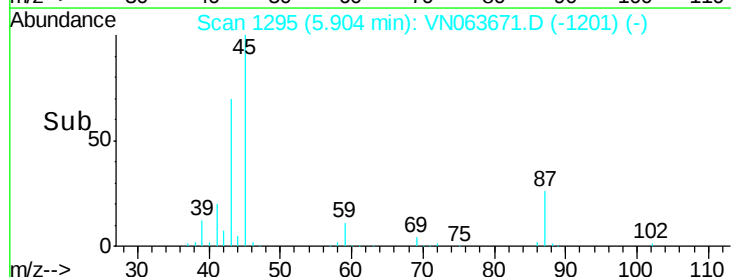
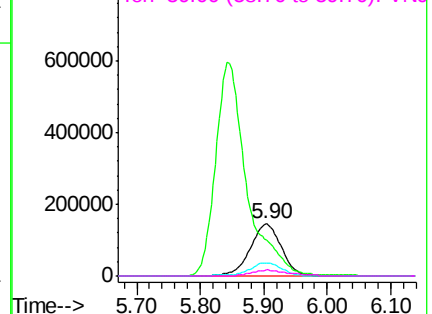
Abundance

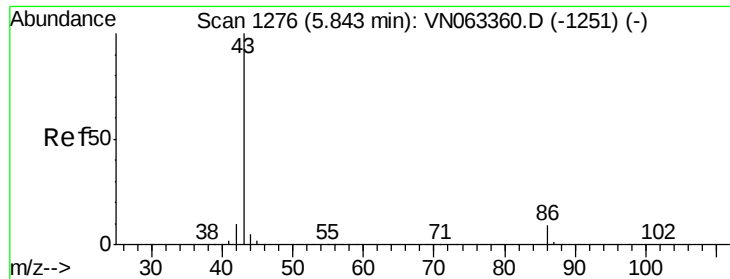
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 236.946 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

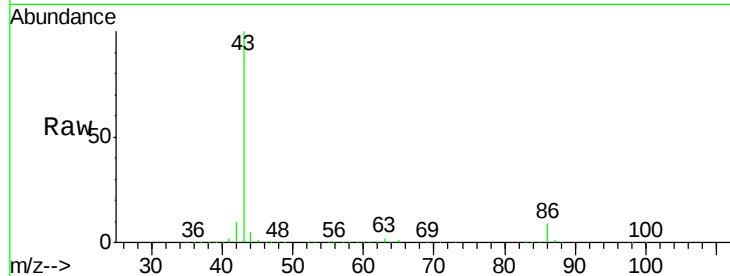
VSTDCCC050EC

Tgt Ion: 43 Resp: 2026237

Ion Ratio Lower Upper

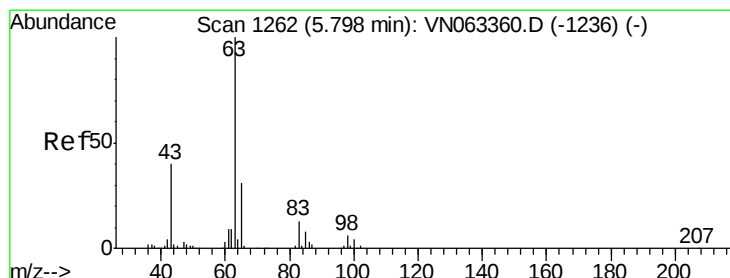
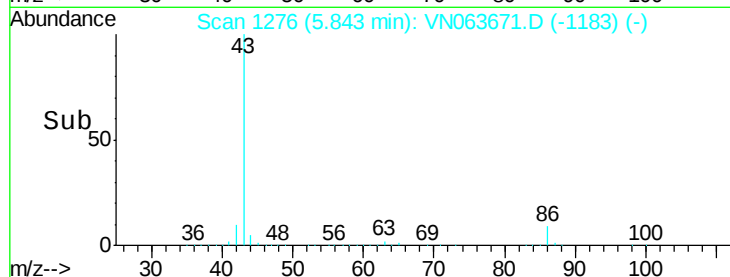
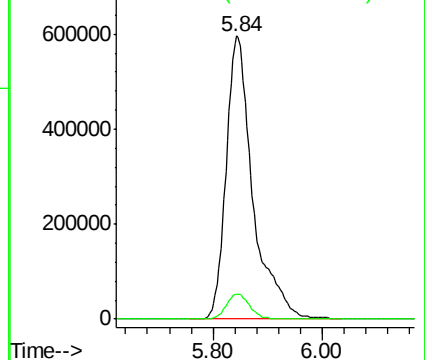
43 100

86 9.0 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.145 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

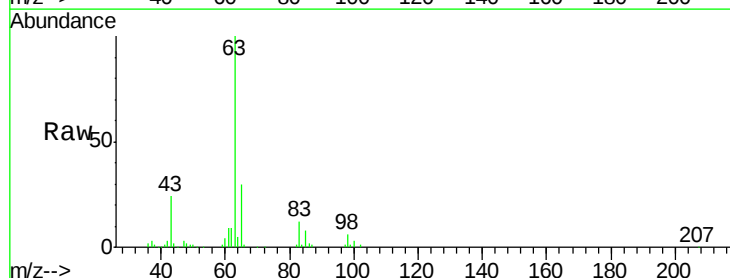
Tgt Ion: 63 Resp: 273693

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

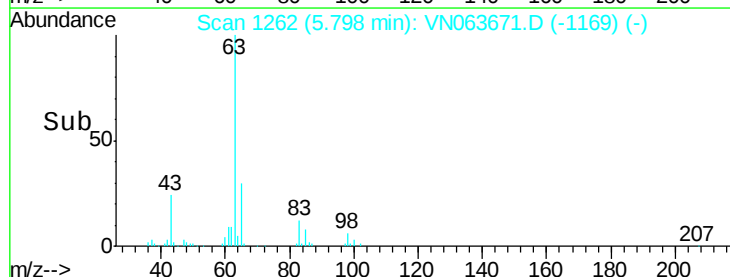
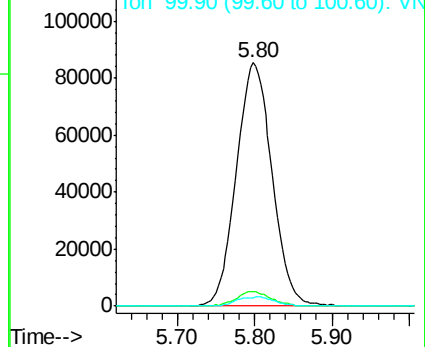
100 3.5 2.1 6.3

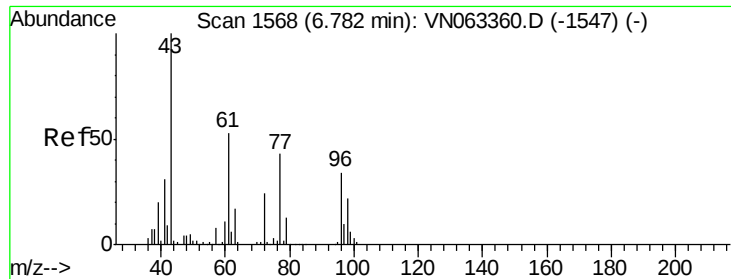


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

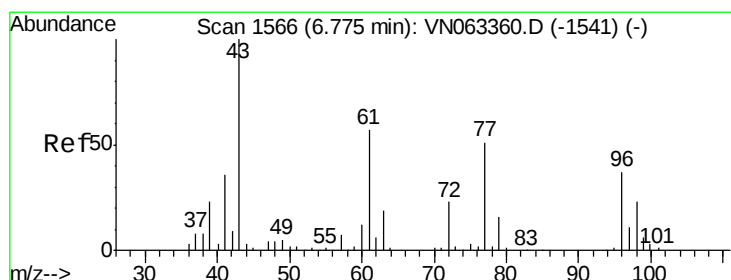
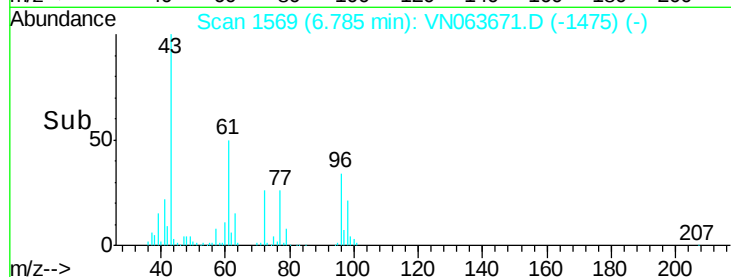
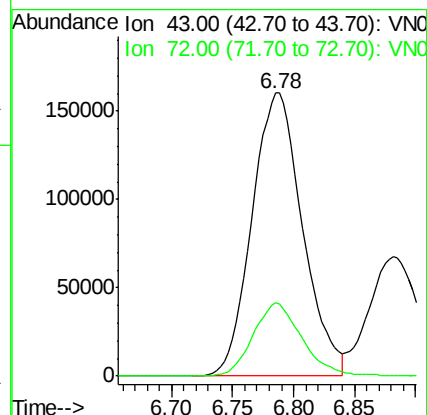
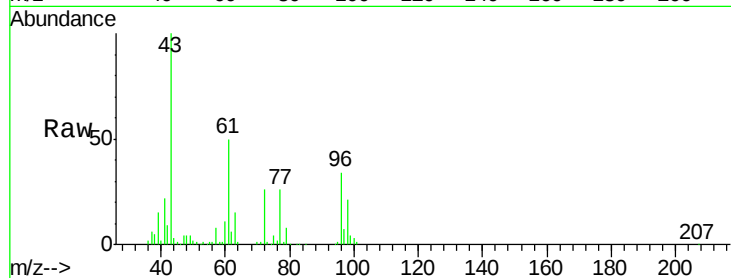




#25
2-Butanone
Concen: 238.722 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

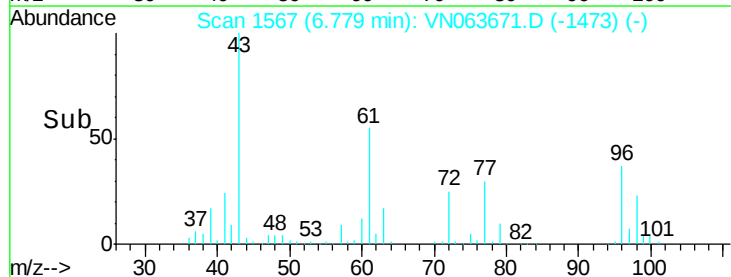
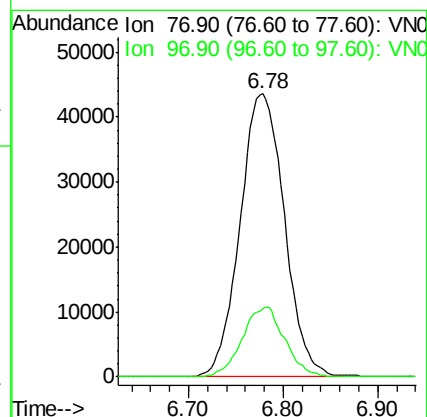
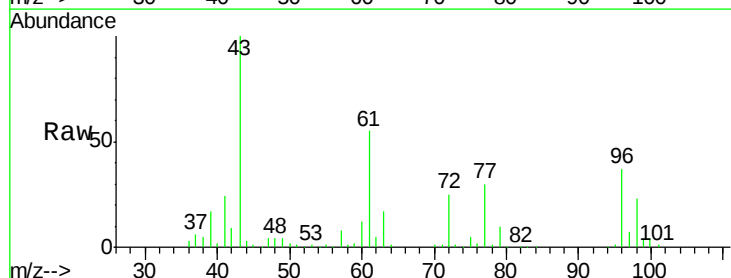
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

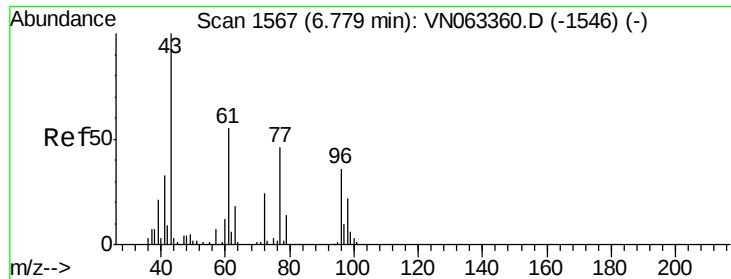
Tgt Ion: 43 Resp: 459410
Ion Ratio Lower Upper
43 100
72 26.1 19.2 28.8



#26
2,2-Dichloropropane
Concen: 28.384 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion: 77 Resp: 142065
Ion Ratio Lower Upper
77 100
97 23.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 48.388 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

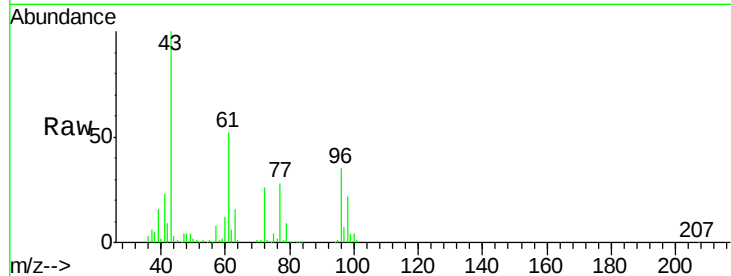
Tgt Ion: 96 Resp: 156620

Ion Ratio Lower Upper

96 100

61 150.5 0.0 319.6

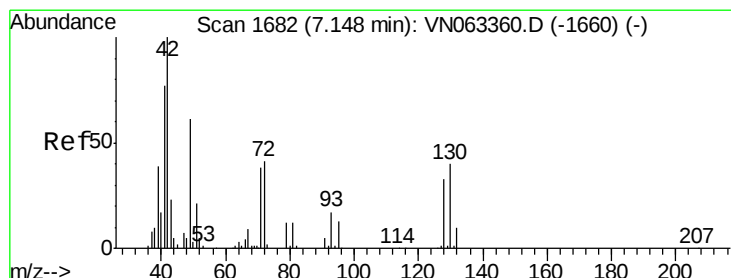
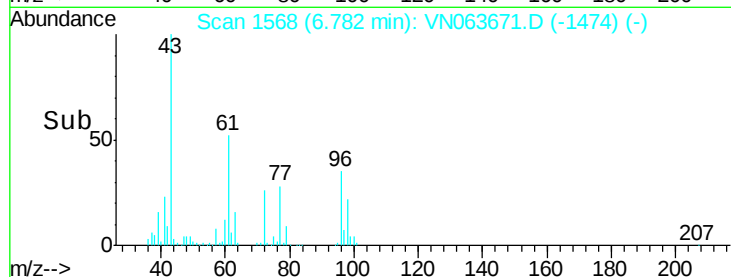
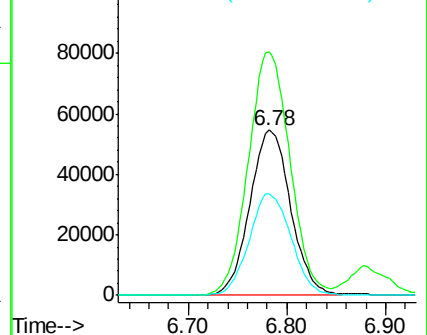
98 63.2 0.0 127.8



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

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

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



#28

Bromochloromethane

Concen: 49.522 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

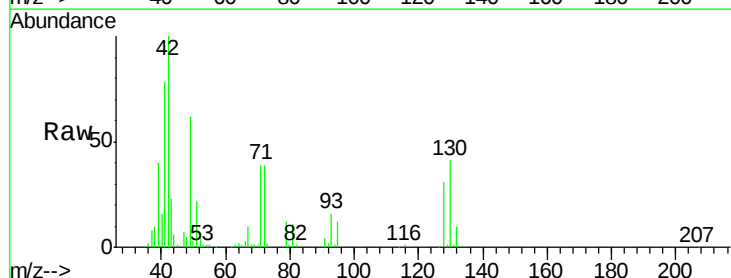
Tgt Ion: 49 Resp: 129985

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

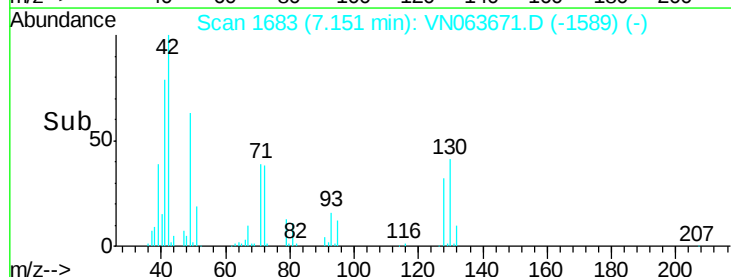
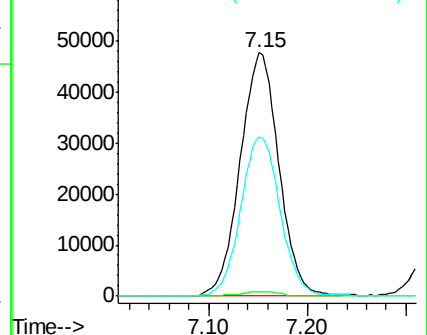
130 66.4 52.2 78.2

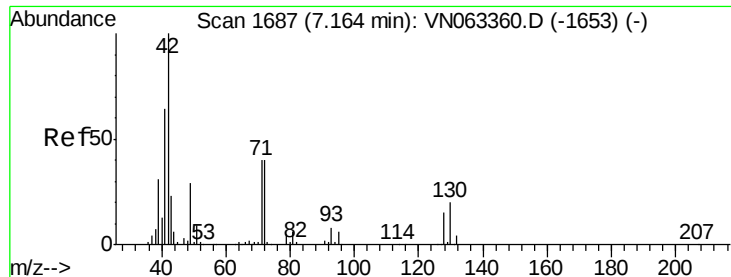


Abundance Ion 48.90 (48.60 to 49.60): VN063360.D (-1660) (-)

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

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

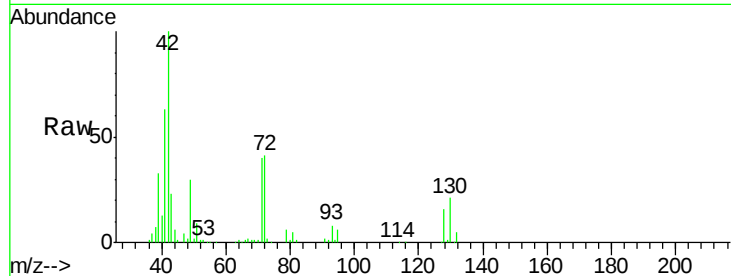




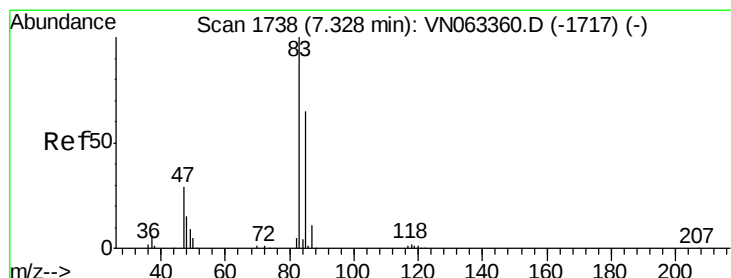
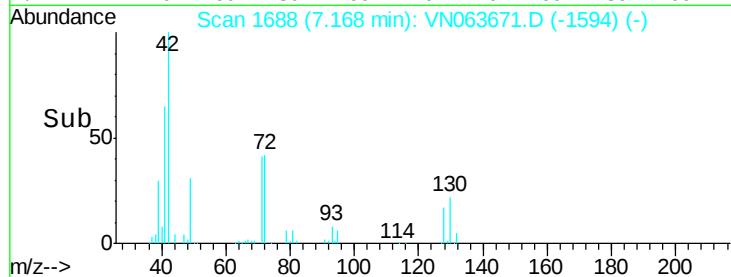
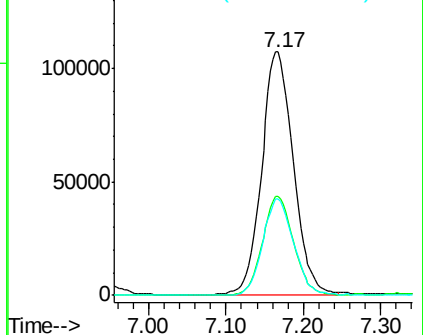
#29
Tetrahydrofuran
Concen: 232.813 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 306001
Ion Ratio Lower Upper
42 100
72 39.7 32.1 48.1
71 38.6 31.2 46.8

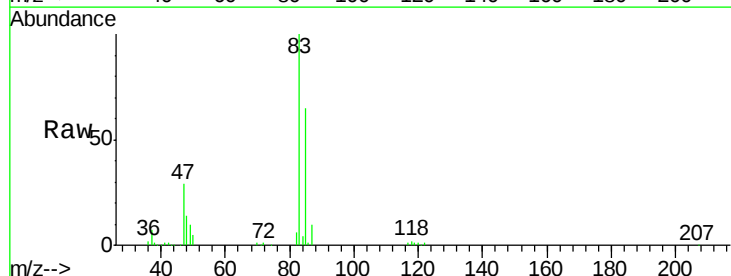


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

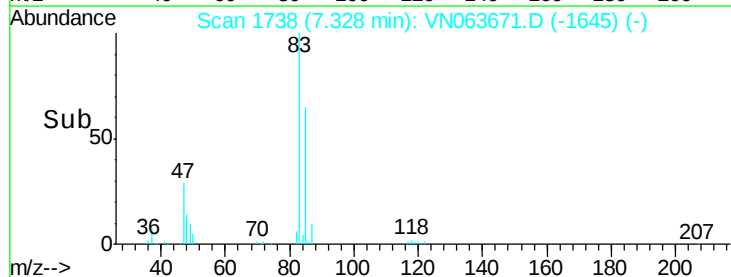
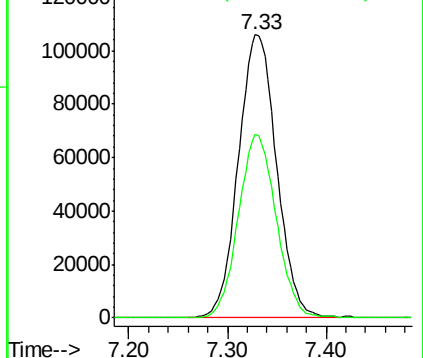


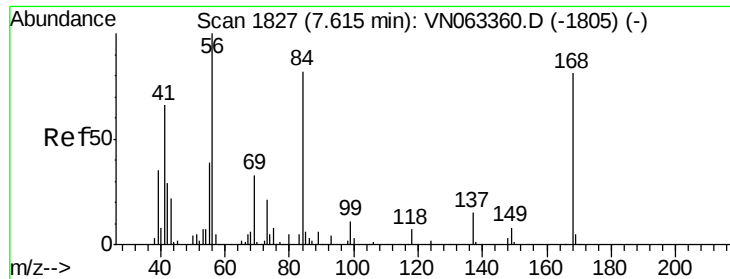
#30
Chloroform
Concen: 49.798 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion: 83 Resp: 284023
Ion Ratio Lower Upper
83 100
85 64.9 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

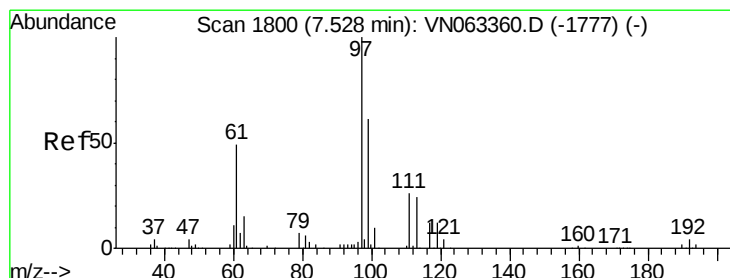
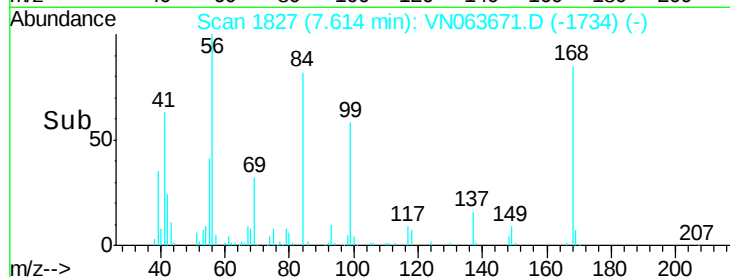
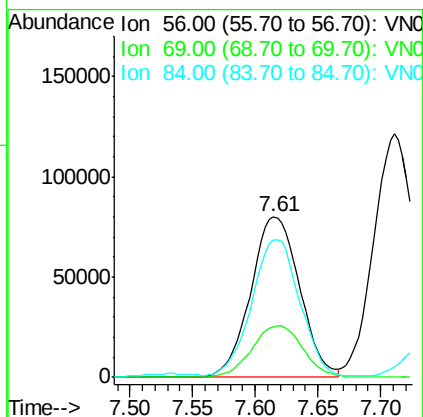
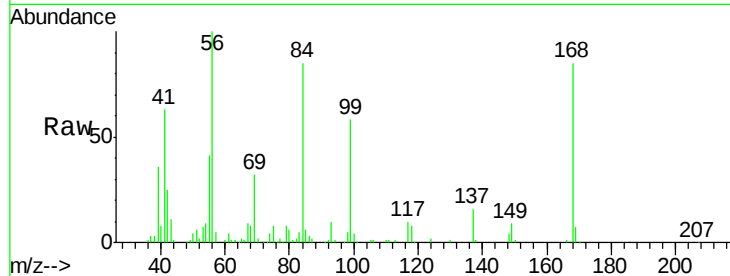




#31
Cyclohexane
Concen: 40.367 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

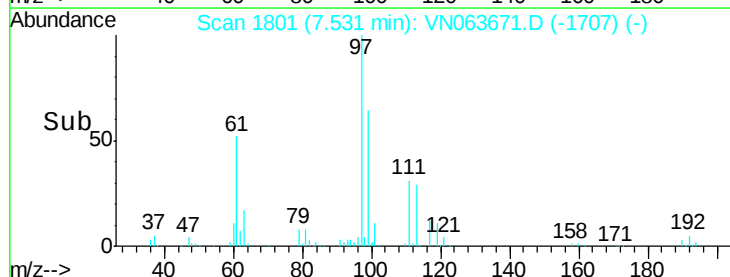
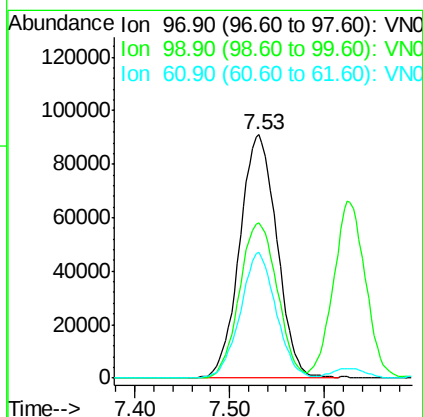
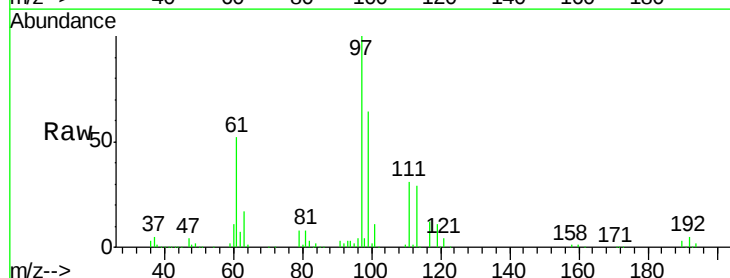
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

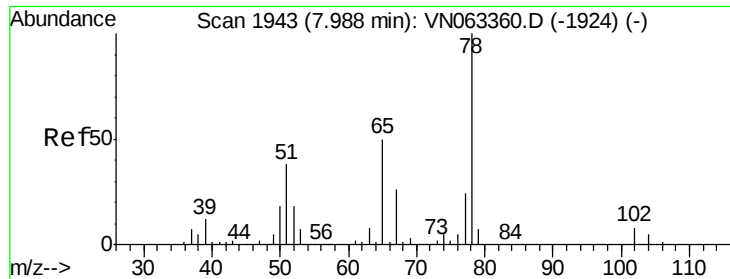
Tgt Ion: 56 Resp: 217065
Ion Ratio Lower Upper
56 100
69 31.7 26.1 39.1
84 83.7 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 49.029 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion: 97 Resp: 248717
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 49.4 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 50.141 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

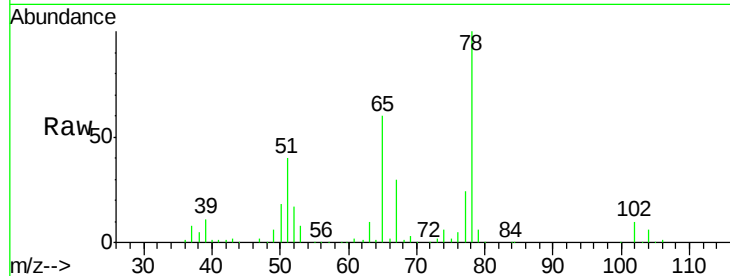
VSTDCCC050EC

Tgt Ion: 65 Resp: 195223

Ion Ratio Lower Upper

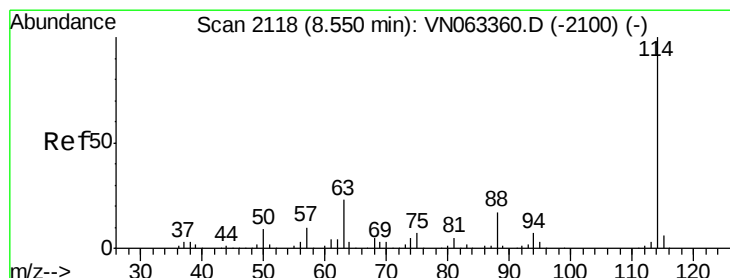
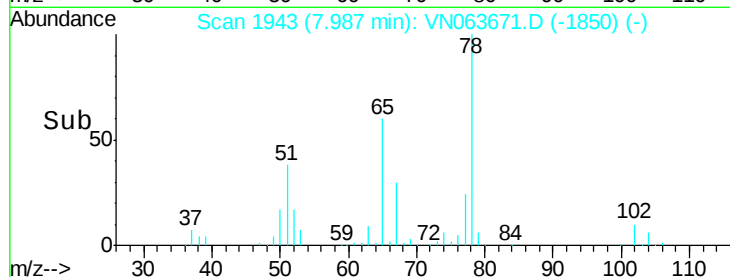
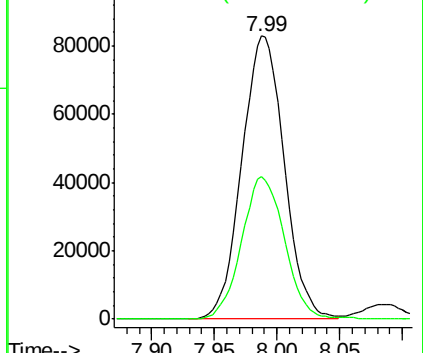
65 100

67 50.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063671.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063671.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

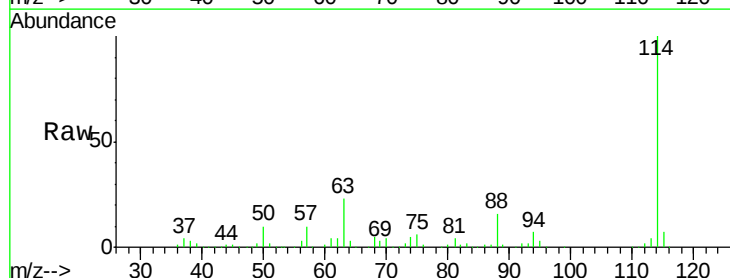
Tgt Ion: 114 Resp: 407487

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.4

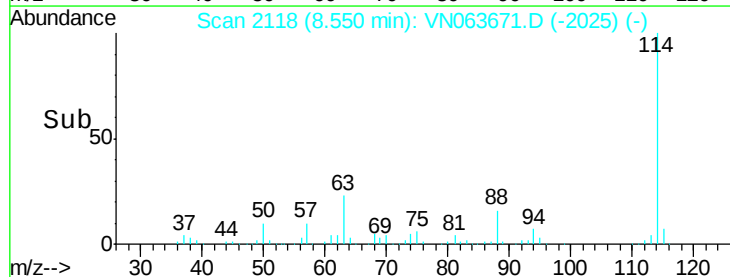
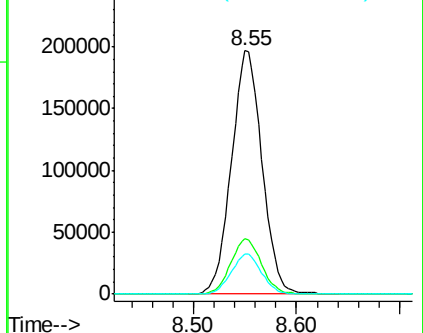
88 16.5 0.0 33.2

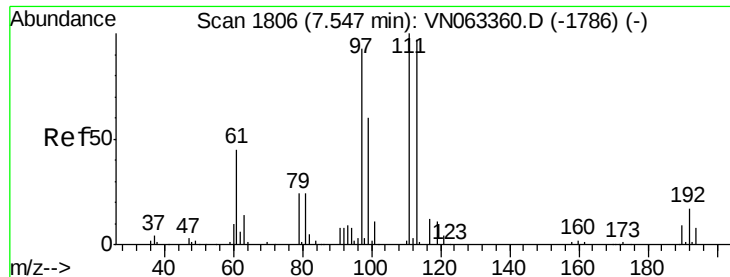


Abundance Ion 113.90 (113.60 to 114.60): VN063671.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063671.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063671.D (-2025) (-)

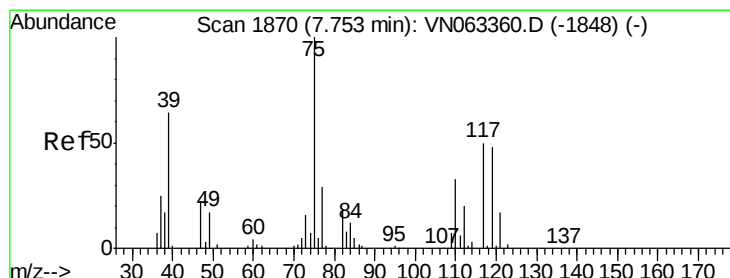
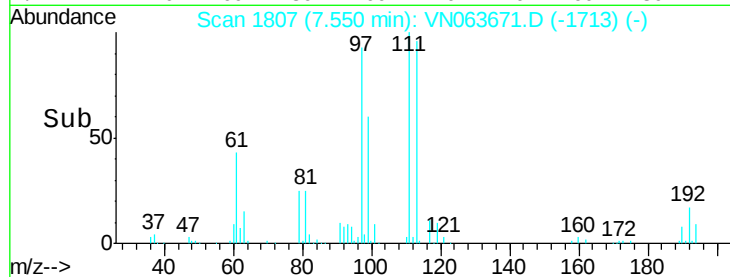
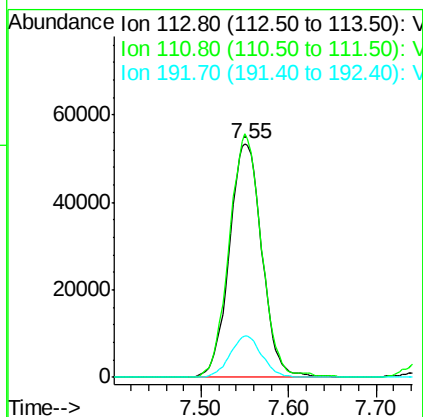
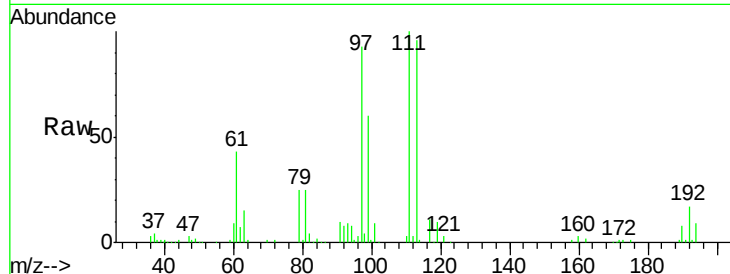




#35
 Dibromofluoromethane
 Concen: 49.113 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

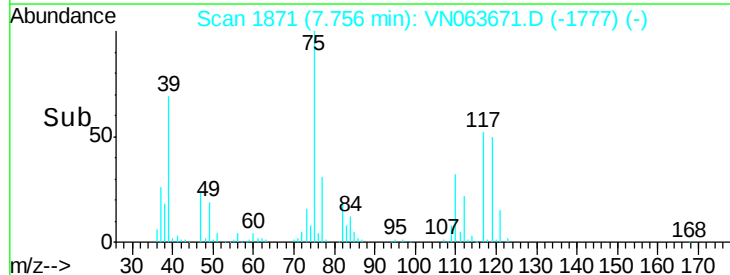
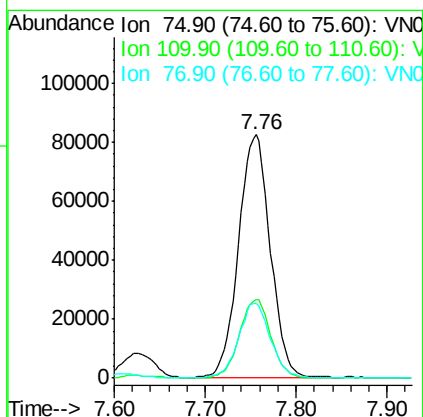
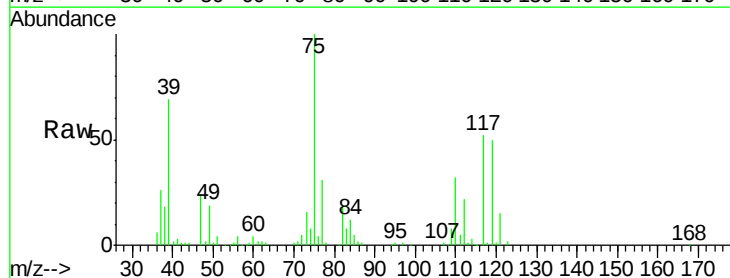
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

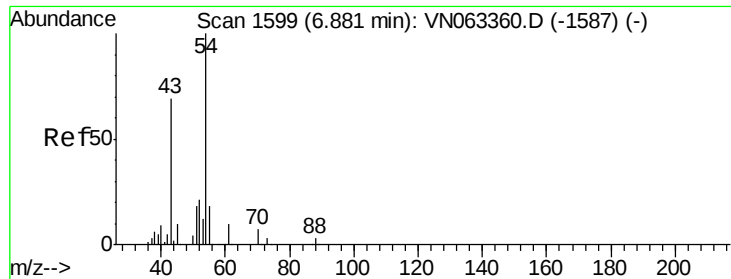
Tgt Ion:113 Resp: 138546
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.9 124.3
 192 17.3 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 46.057 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion: 75 Resp: 199943
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.5 49.5
 77 31.0 24.6 36.8

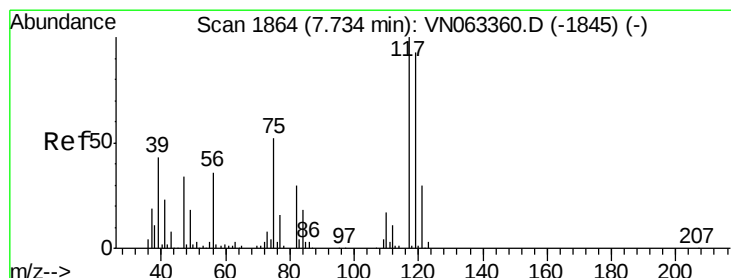
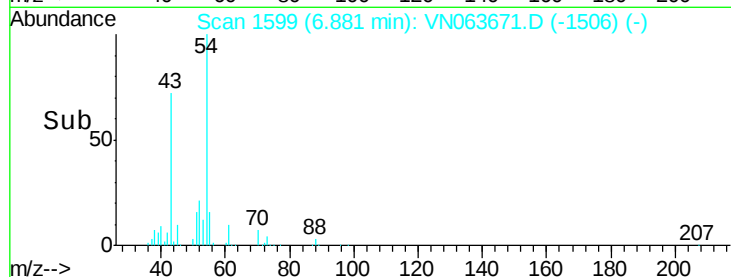
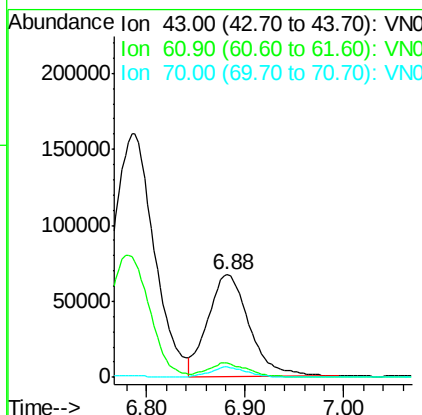
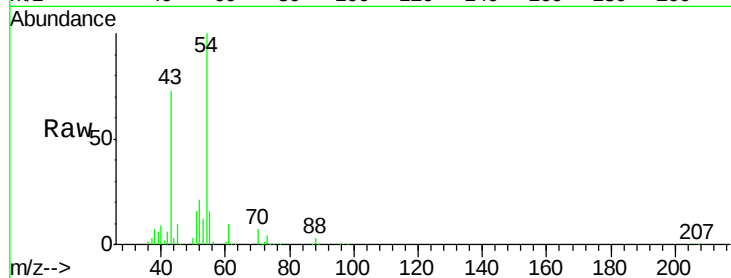




#37
 Ethyl Acetate
 Concen: 46.062 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

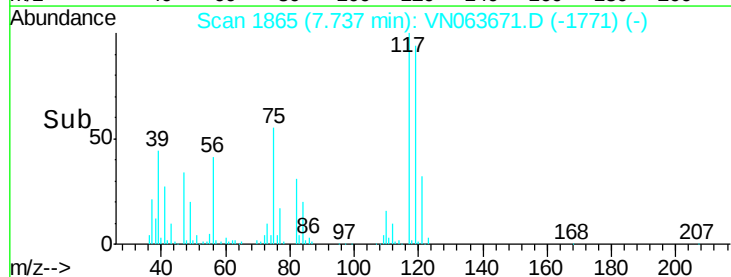
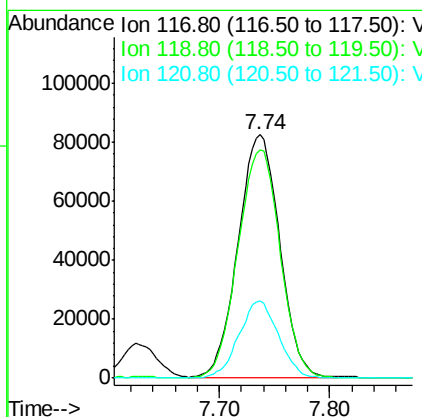
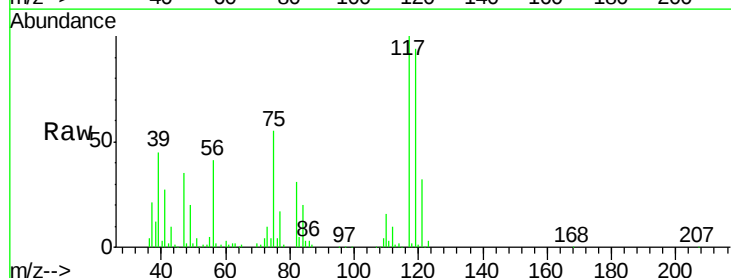
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

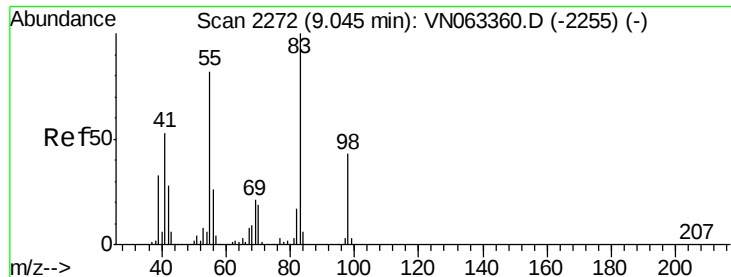
Tgt Ion: 43 Resp: 196257
 Ion Ratio Lower Upper
 43 100
 61 13.4 10.6 15.8
 70 9.1 7.2 10.8



#38
 Carbon Tetrachloride
 Concen: 48.389 ug/l
 RT: 7.74 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion: 117 Resp: 214436
 Ion Ratio Lower Upper
 117 100
 119 94.3 74.5 111.7
 121 31.8 24.1 36.1

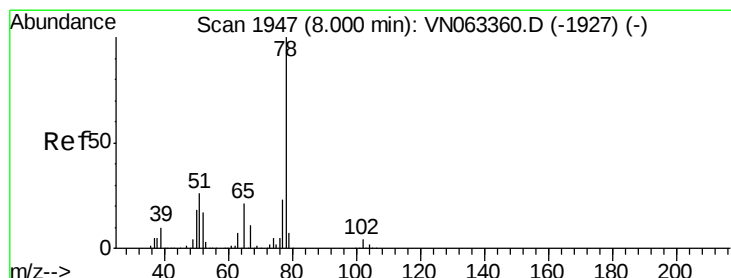
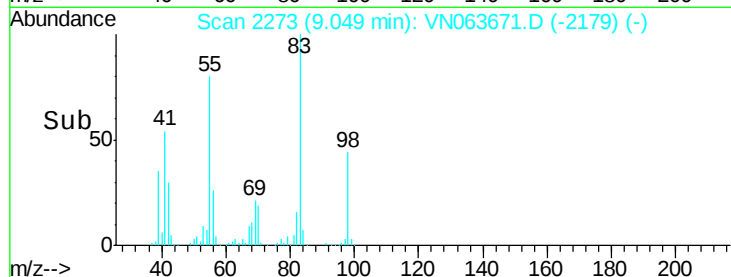
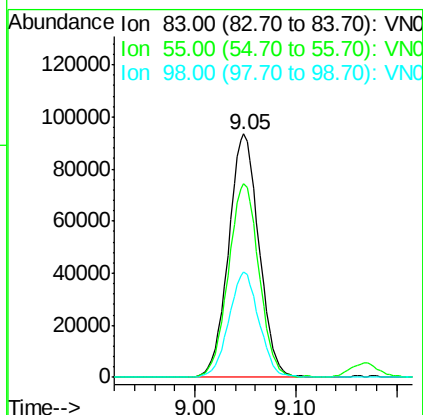
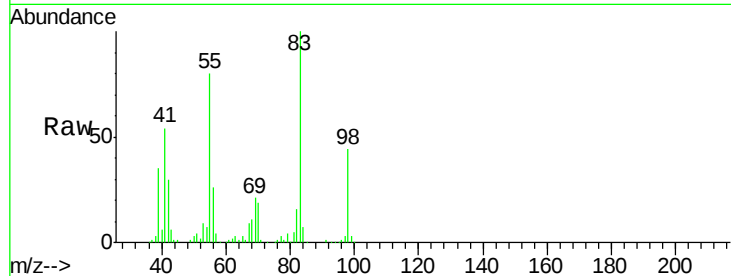




#39
Methylcyclohexane
Concen: 41.590 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

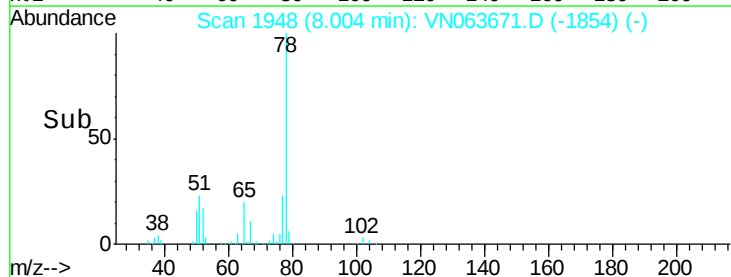
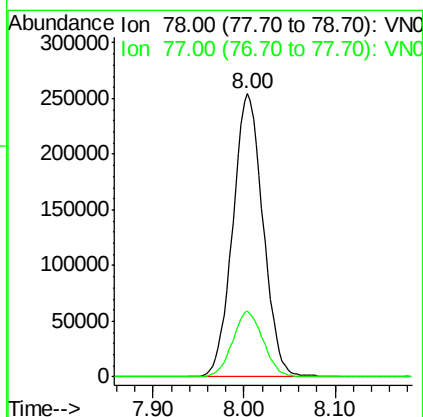
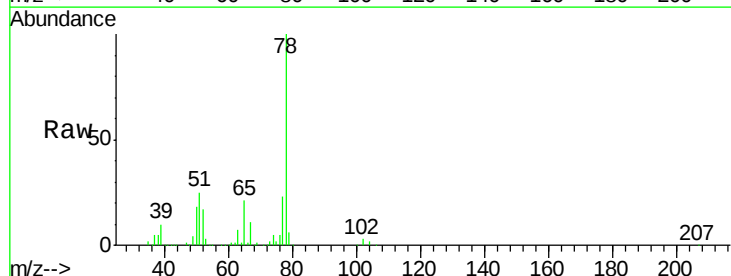
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

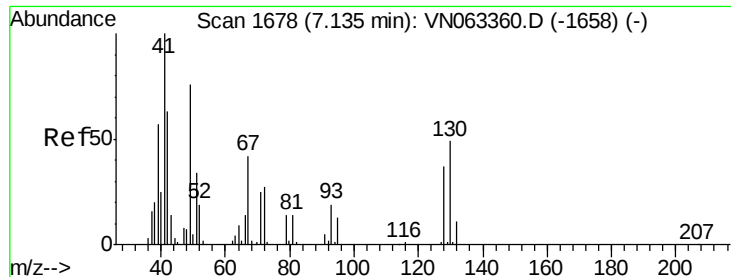
Tgt Ion: 83 Resp: 195957
Ion Ratio Lower Upper
83 100
55 79.7 65.5 98.3
98 43.5 34.2 51.4



#40
Benzene
Concen: 47.394 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion: 78 Resp: 587327
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5

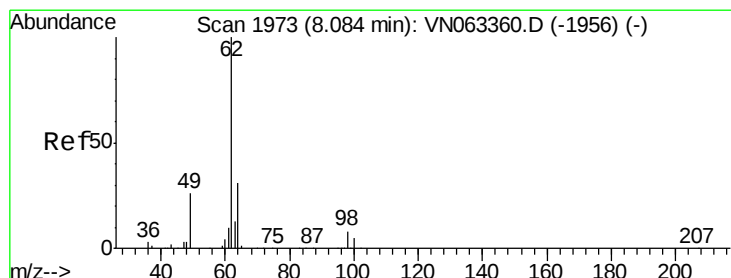
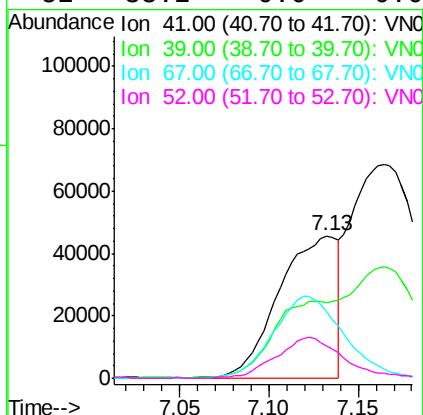
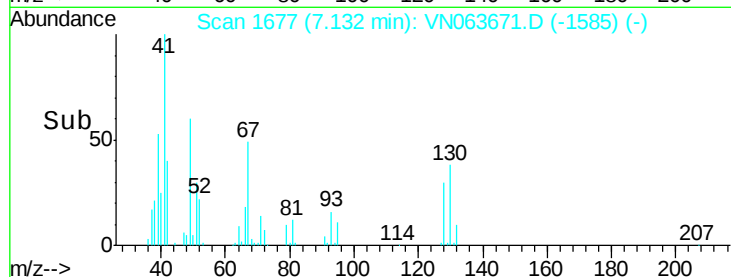
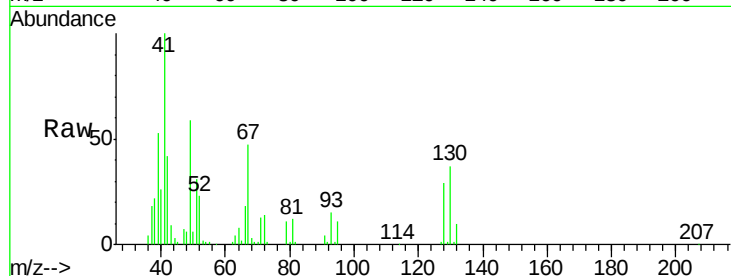




#41
Methacrylonitrile
Concen: 54.364 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

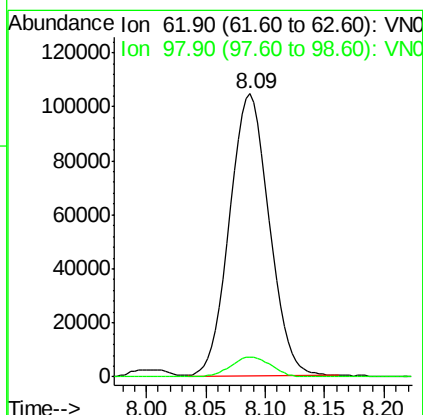
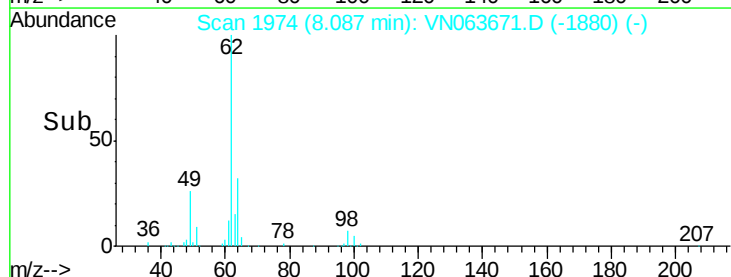
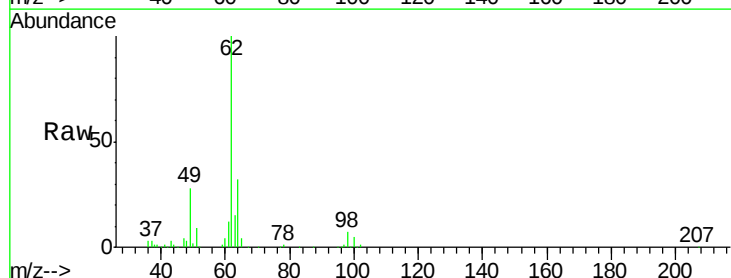
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

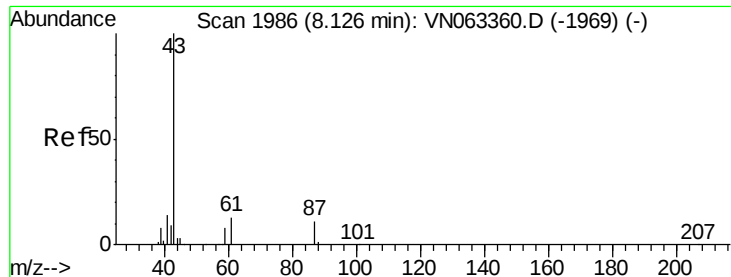
Tgt Ion:	41	Resp:	104178
Ion	Ratio	Lower	Upper
41	100		
39	48.9	0.0	0.0#
67	69.9	0.0	0.0#
52	33.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 48.618 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion:	62	Resp:	242297
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	15.6





#43

Isopropyl Acetate

Concen: 45.151 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

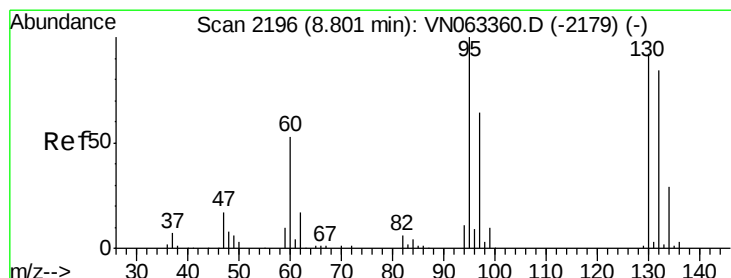
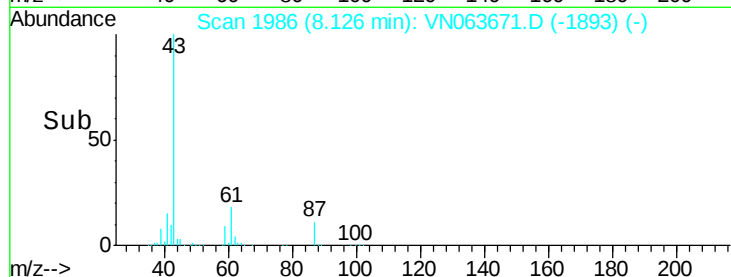
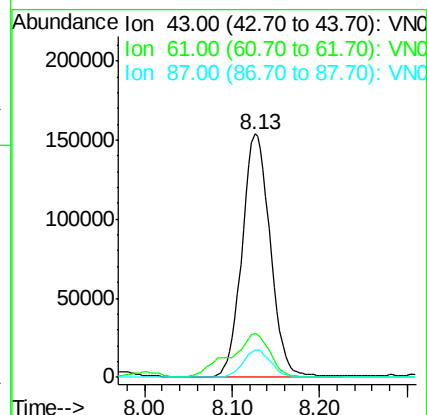
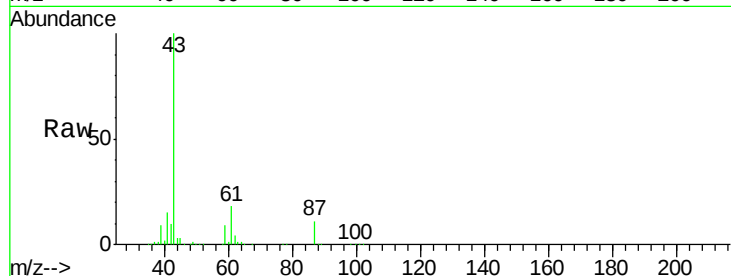
Tgt Ion: 43 Resp: 343989

Ion Ratio Lower Upper

43 100

61 25.4 14.2 21.2#

87 11.1 9.0 13.6



#44

Trichloroethene

Concen: 47.914 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063671.D

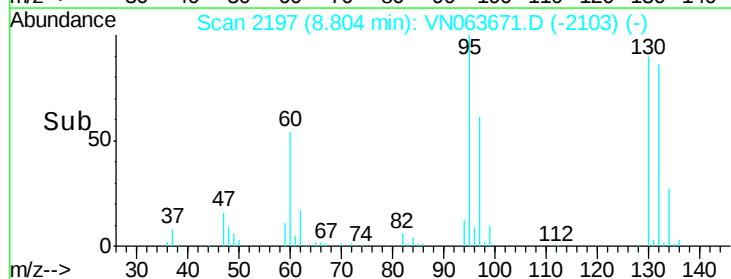
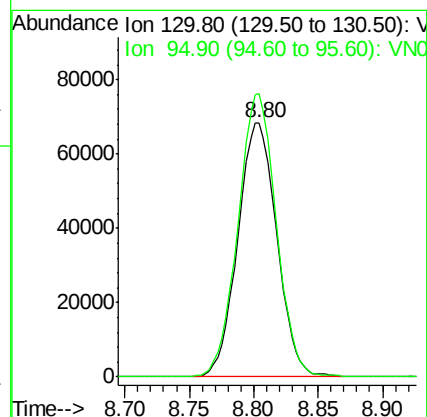
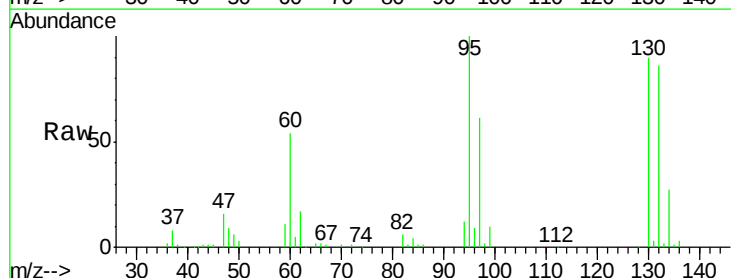
Acq: 25 Sep 2020 9:25

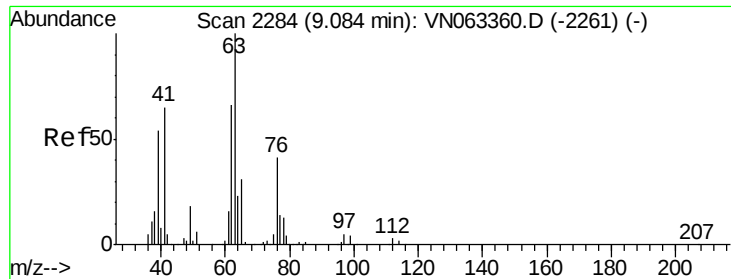
Tgt Ion: 130 Resp: 144018

Ion Ratio Lower Upper

130 100

95 110.9 0.0 217.4





#45

1,2-Dichloropropane

Concen: 48.058 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

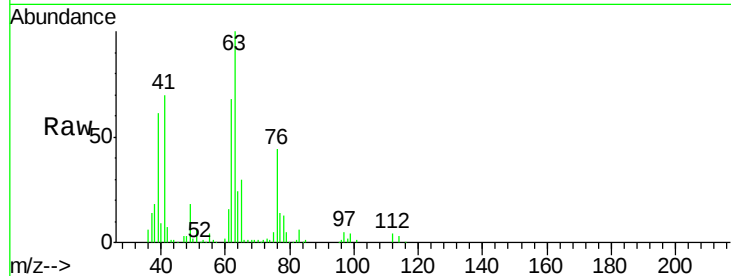
VSTDCCC050EC

Tgt Ion: 63 Resp: 162206

Ion Ratio Lower Upper

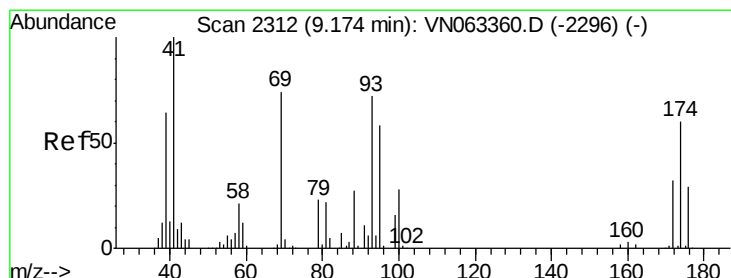
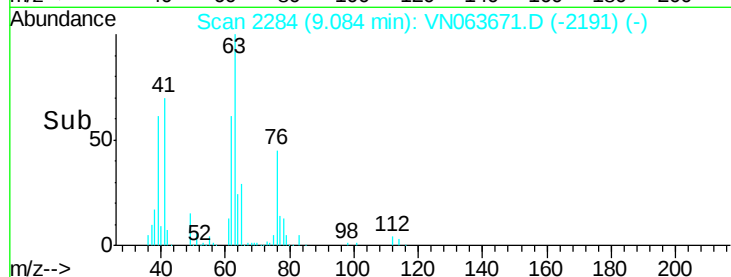
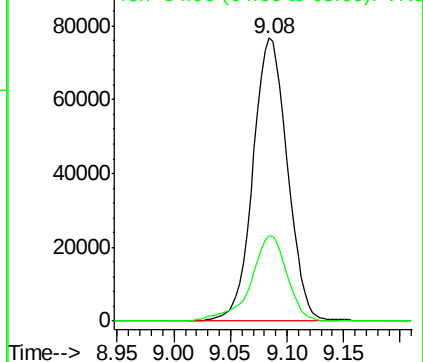
63 100

65 30.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.598 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

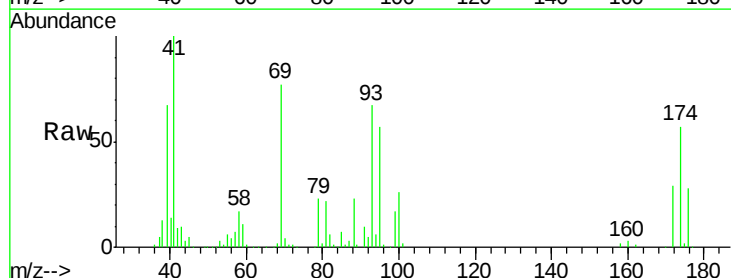
Tgt Ion: 93 Resp: 107808

Ion Ratio Lower Upper

93 100

95 84.7 65.6 98.4

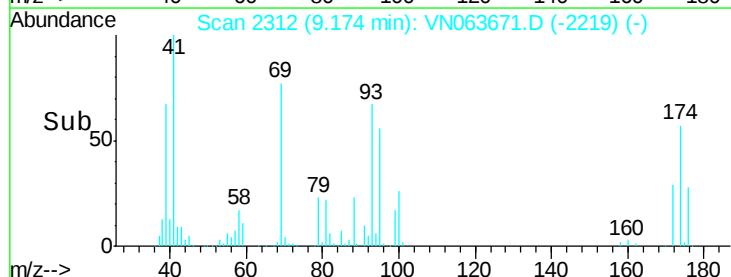
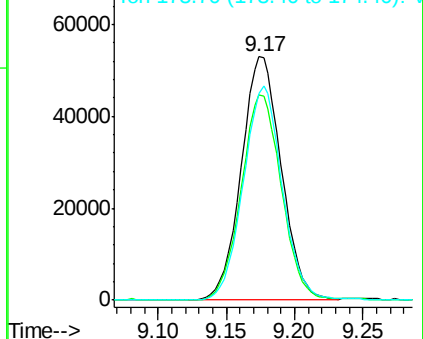
174 85.8 68.1 102.1

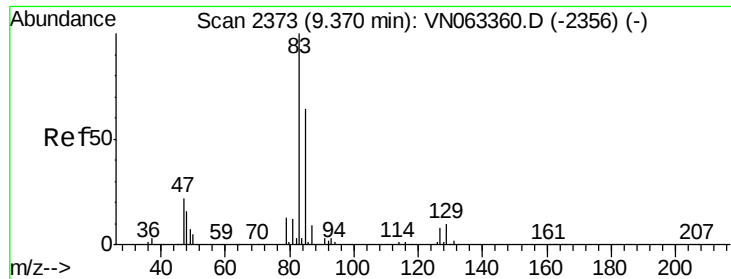


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.308 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

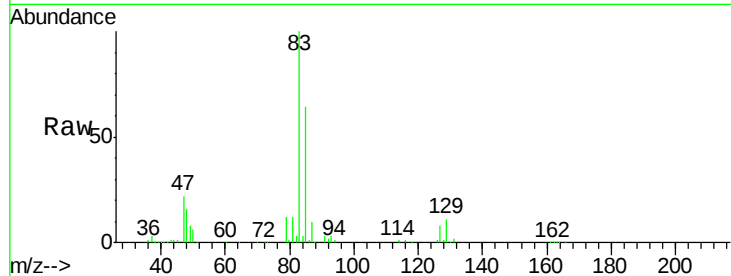
Tgt Ion: 83 Resp: 227239

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.6

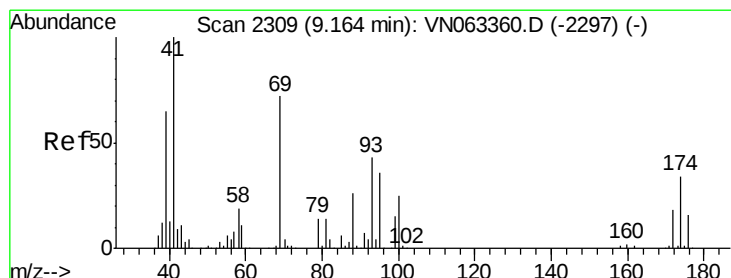
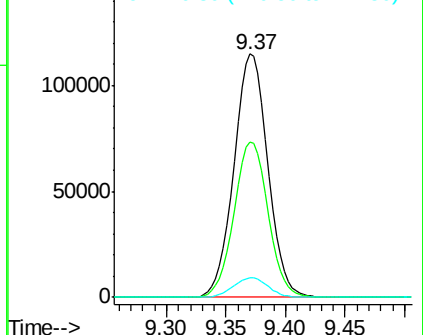
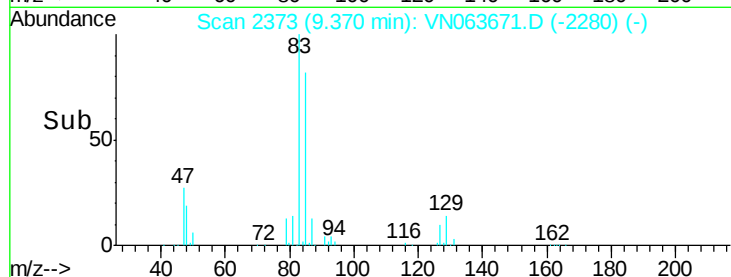
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063671.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063671.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063671.D (-2280) (-)



#48

Methyl methacrylate

Concen: 45.645 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

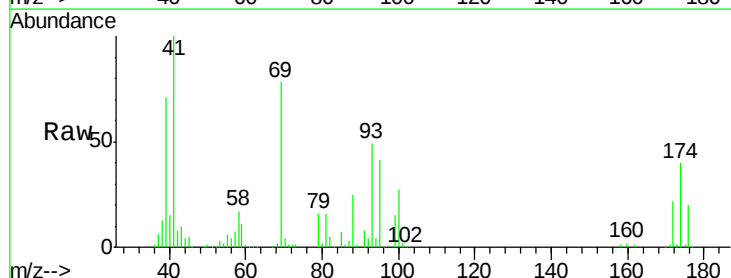
Tgt Ion: 41 Resp: 170852

Ion Ratio Lower Upper

41 100

69 76.2 59.3 88.9

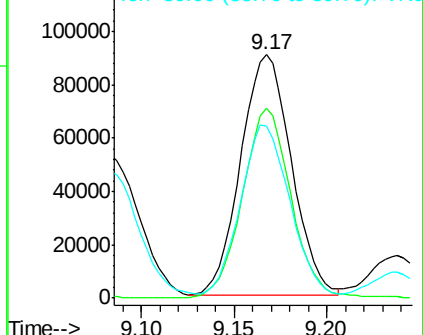
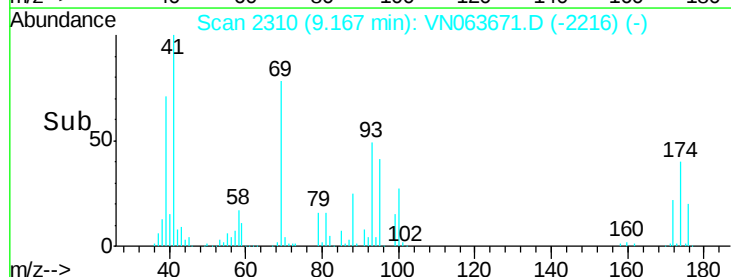
39 70.5 52.9 79.3

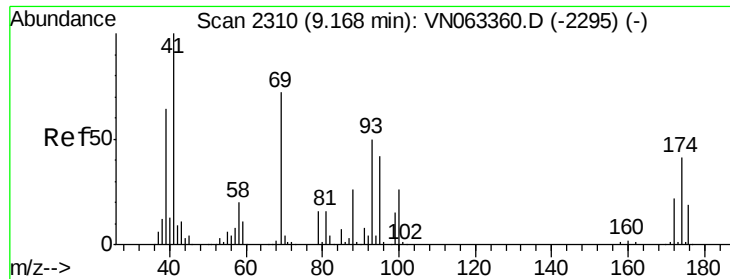


Abundance Ion 41.00 (40.70 to 41.70): VN063671.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063671.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063671.D (-2216) (-)





#49

1,4-Dioxane

Concen: 844.344 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

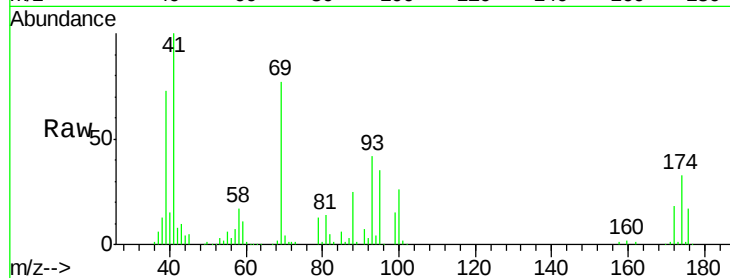
Tgt Ion: 88 Resp: 45354

Ion Ratio Lower Upper

88 100

43 37.2 32.6 49.0

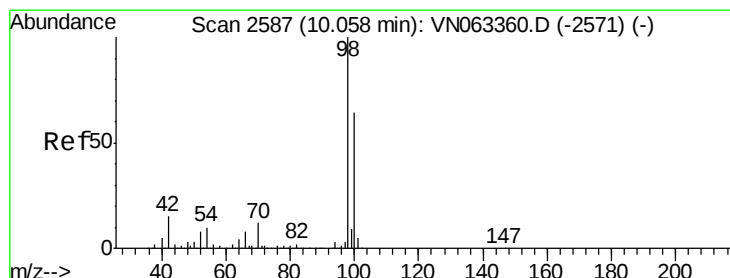
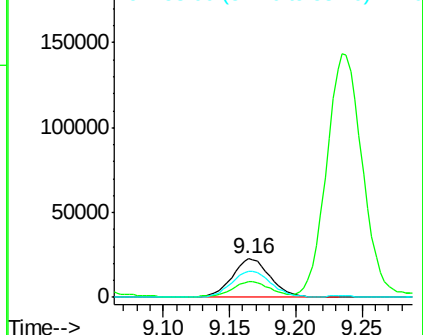
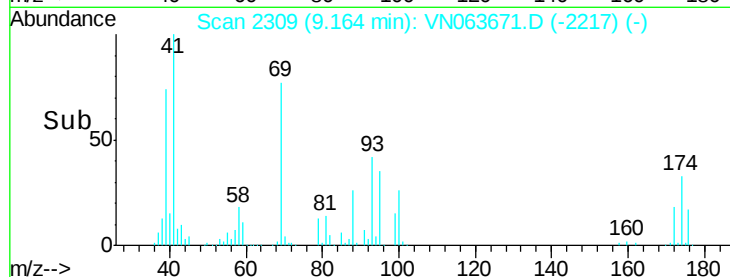
58 71.4 60.0 90.0



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

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

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



#50

Toluene-d8

Concen: 48.450 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063671.D

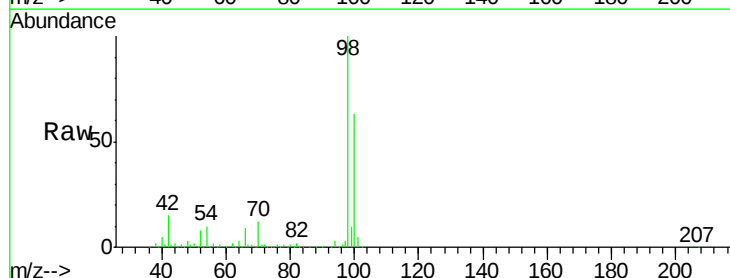
Acq: 25 Sep 2020 9:25

Tgt Ion: 98 Resp: 513925

Ion Ratio Lower Upper

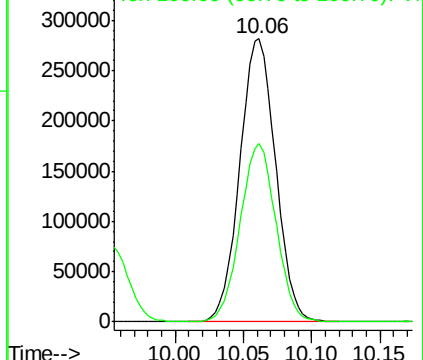
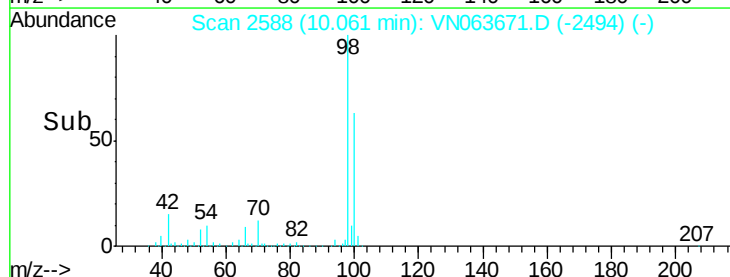
98 100

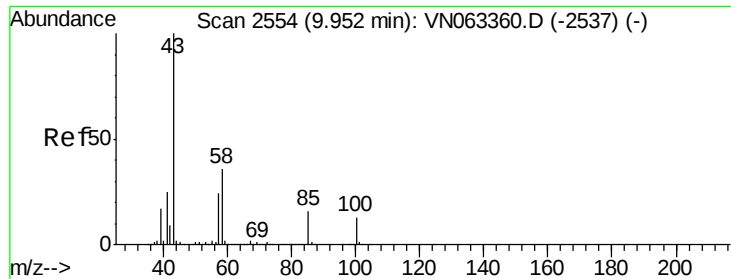
100 62.5 50.7 76.1



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

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

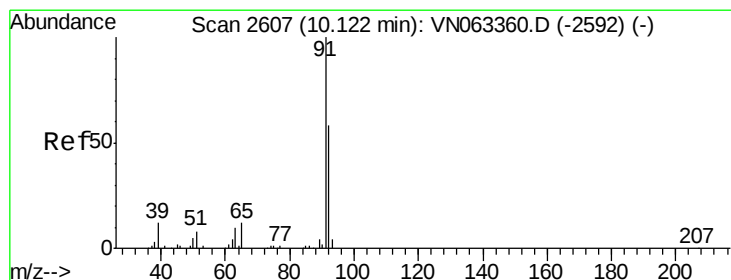
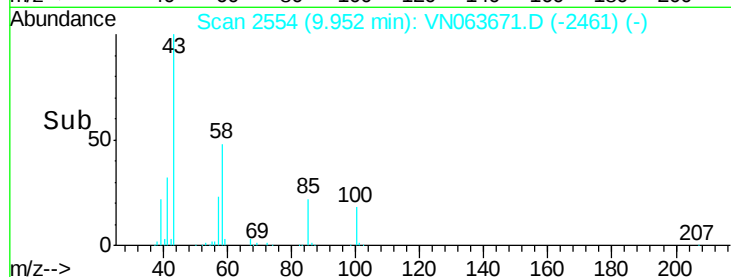
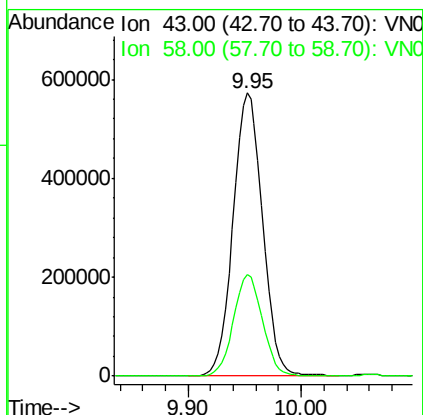
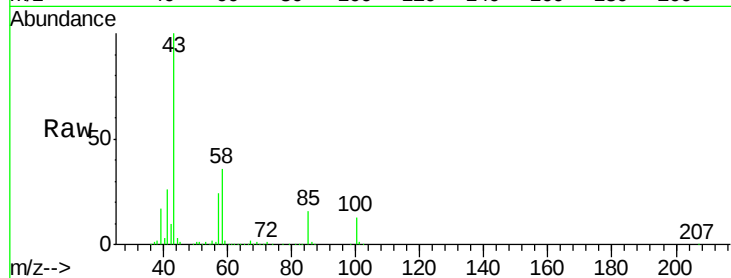




#51
 4-Methyl-2-Pentanone
 Concen: 242.809 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

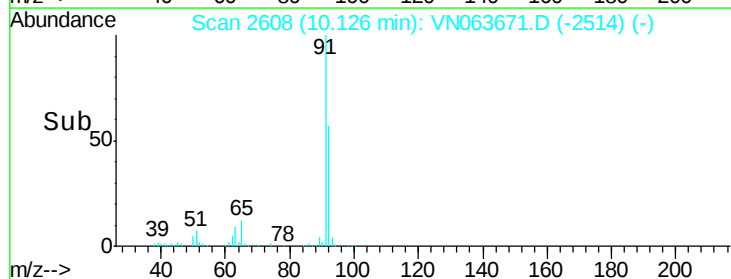
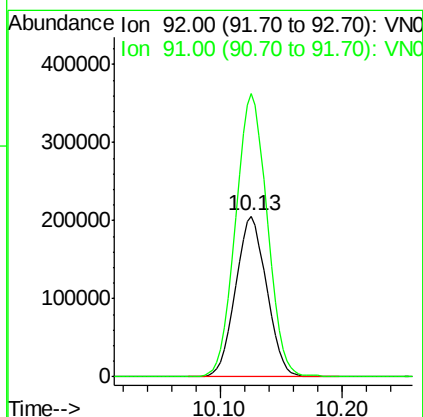
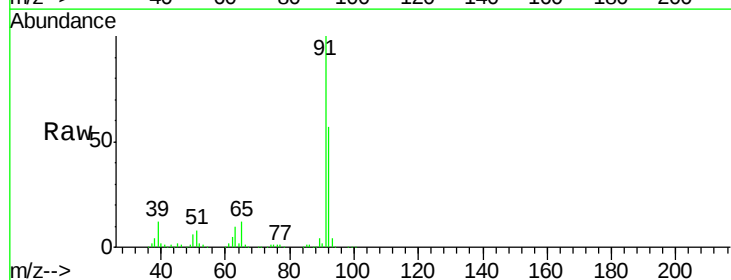
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

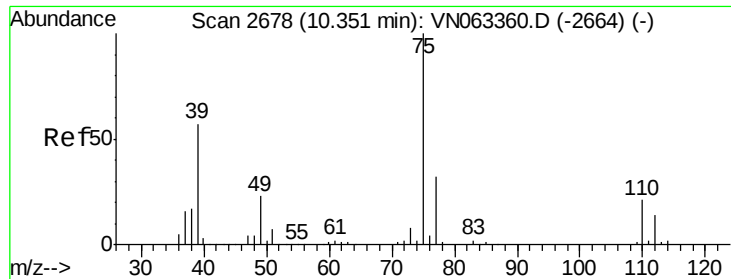
Tgt Ion: 43 Resp: 1035616
 Ion Ratio Lower Upper
 43 100
 58 35.5 29.0 43.6



#52
 Toluene
 Concen: 48.782 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion: 92 Resp: 363462
 Ion Ratio Lower Upper
 92 100
 91 179.0 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 44.664 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

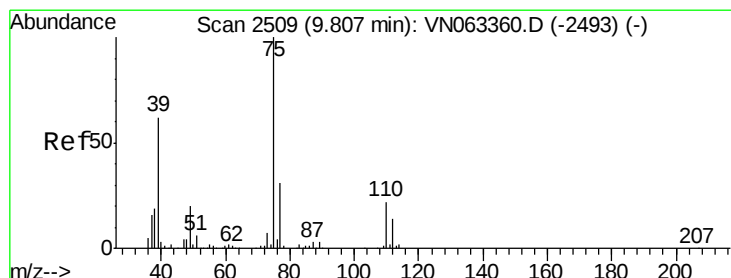
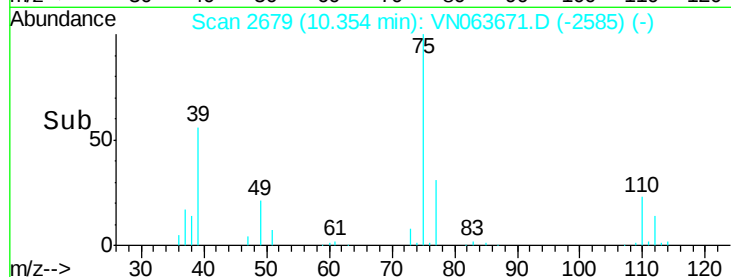
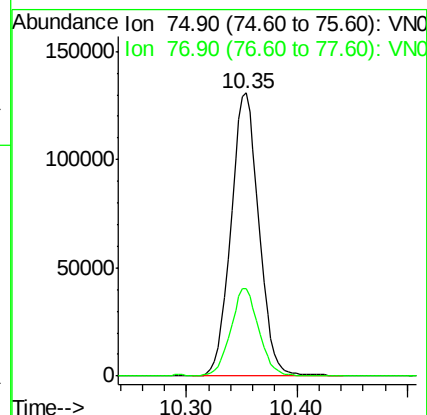
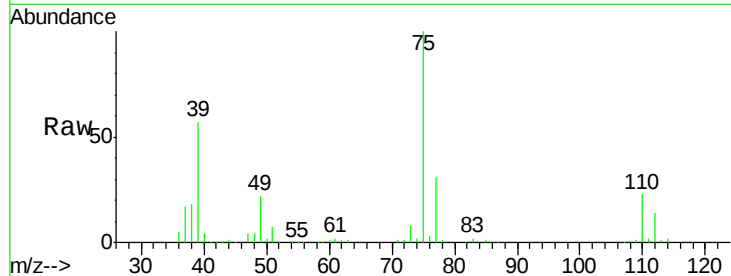
VSTDCCC050EC

Tgt Ion: 75 Resp: 229793

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 44.246 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

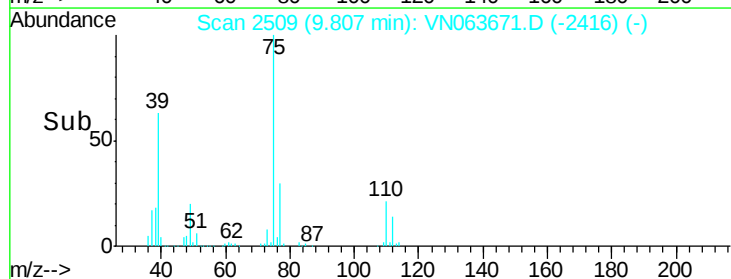
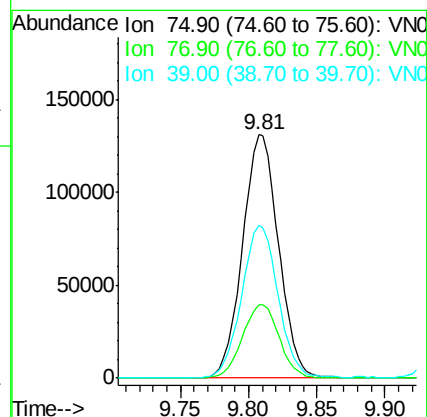
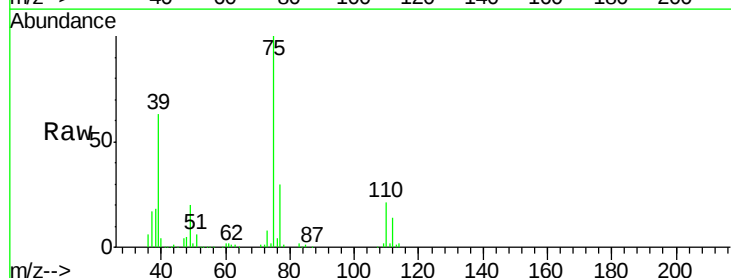
Tgt Ion: 75 Resp: 240118

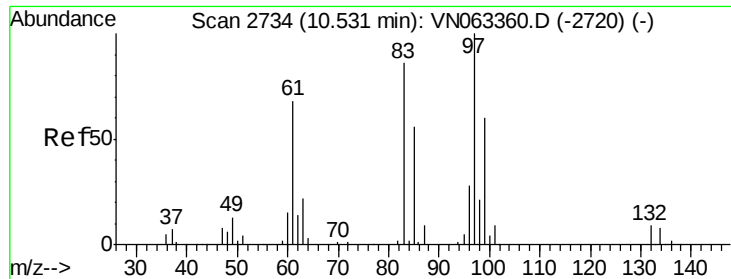
Ion Ratio Lower Upper

75 100

77 29.9 24.6 37.0

39 62.7 49.8 74.8

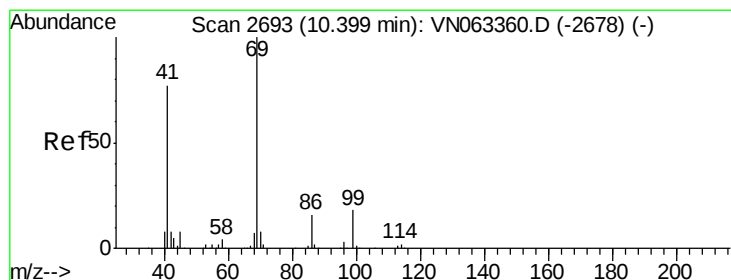
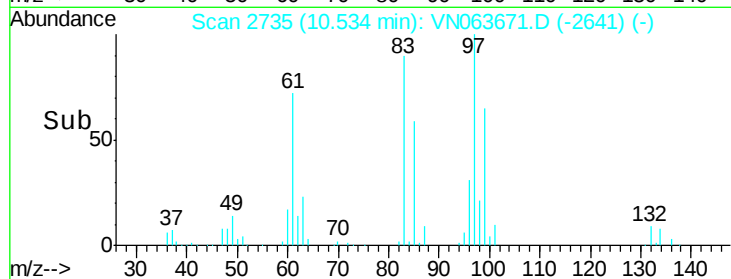
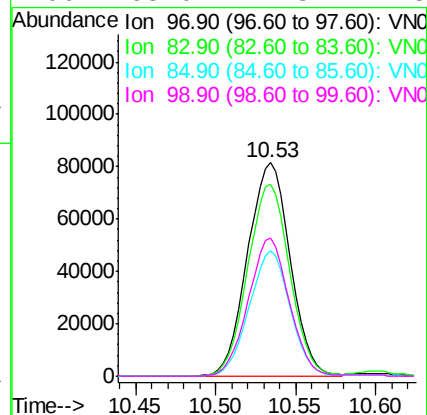
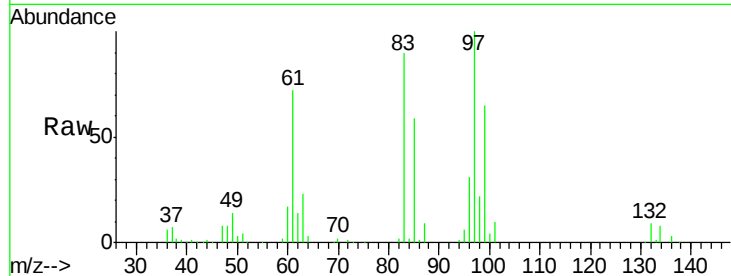




#55
 1,1,2-Trichloroethane
 Concen: 50.446 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

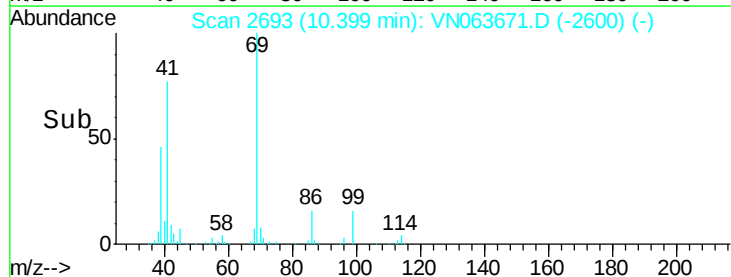
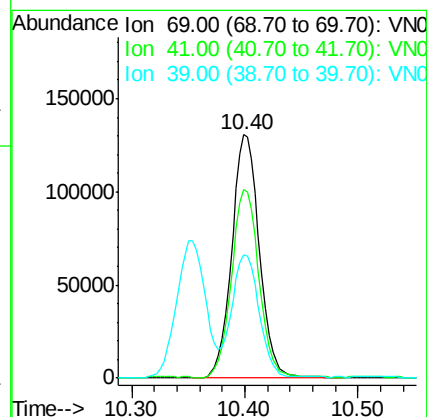
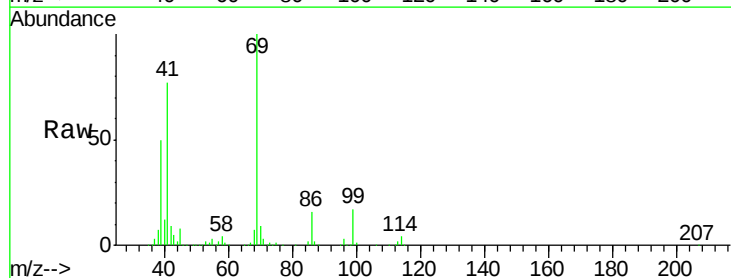
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	149294
Ion	Ratio	Lower	Upper
97	100		
83	89.9	68.9	103.3
85	58.6	44.8	67.2
99	65.0	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 47.914 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion:	69	Resp:	221370
Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.0	91.6
39	49.6	39.2	58.8





#57

1,3-Dichloropropane

Concen: 48.127 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

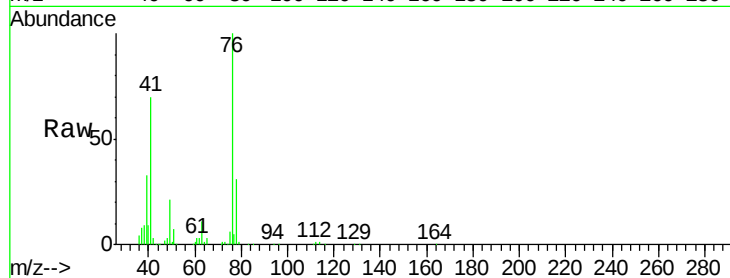
VSTDCCC050EC

Tgt Ion: 76 Resp: 256852

Ion Ratio Lower Upper

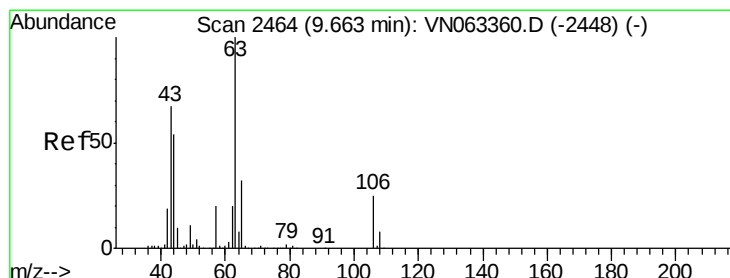
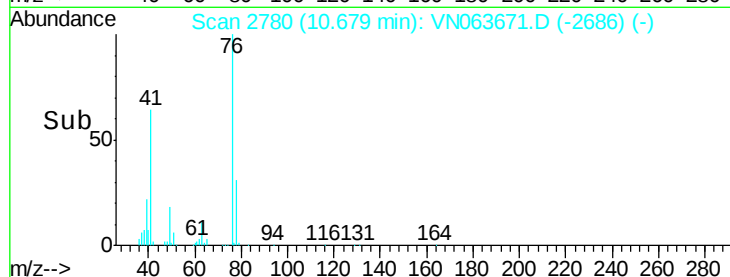
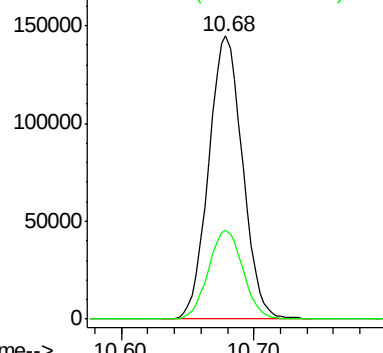
76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 234.723 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063671.D

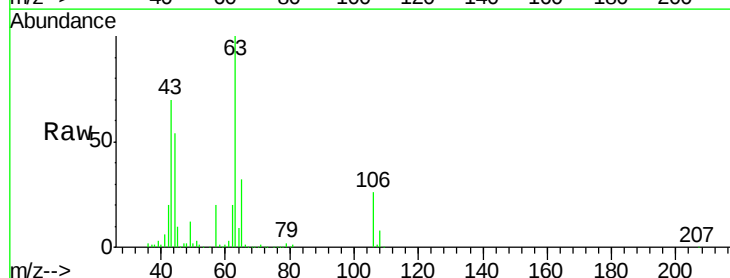
Acq: 25 Sep 2020 9:25

Tgt Ion: 63 Resp: 568881

Ion Ratio Lower Upper

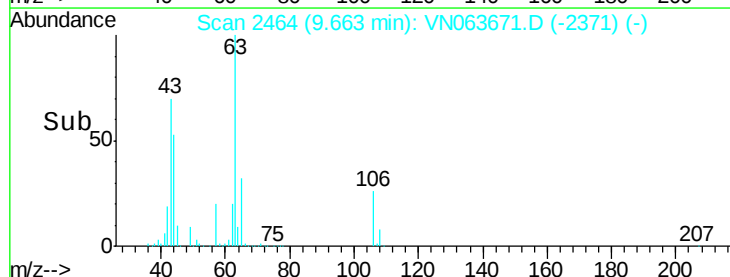
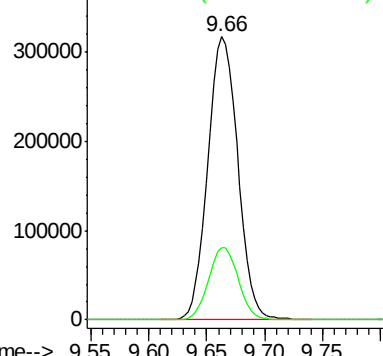
63 100

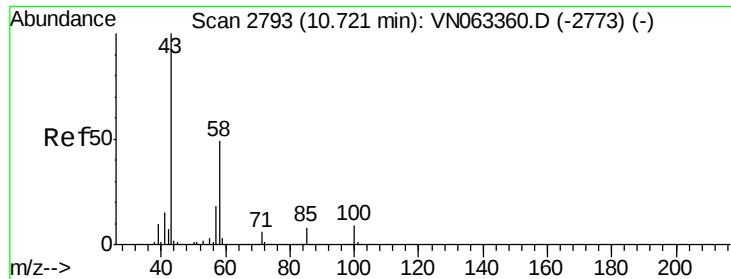
106 25.5 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

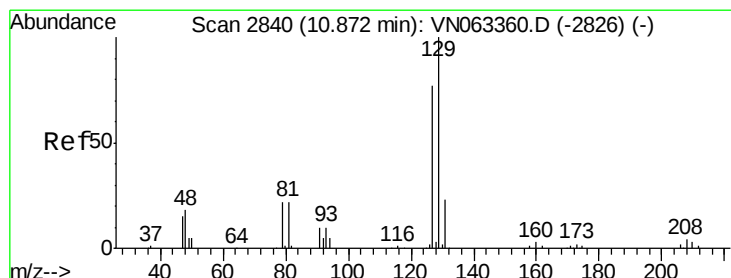
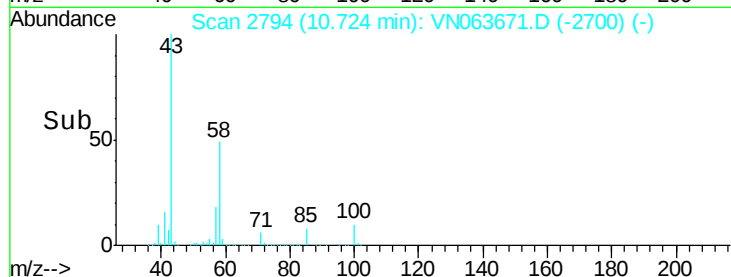
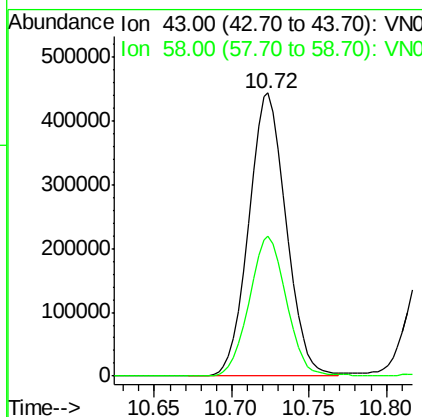
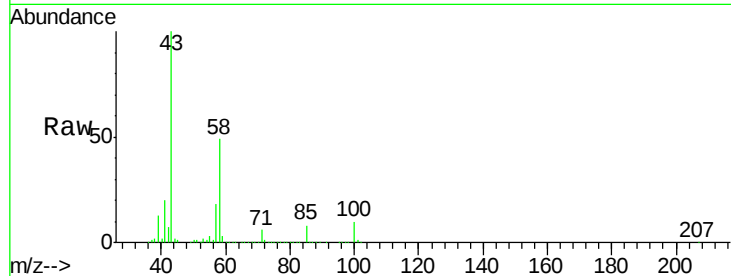




#59
2-Hexanone
Concen: 240.792 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

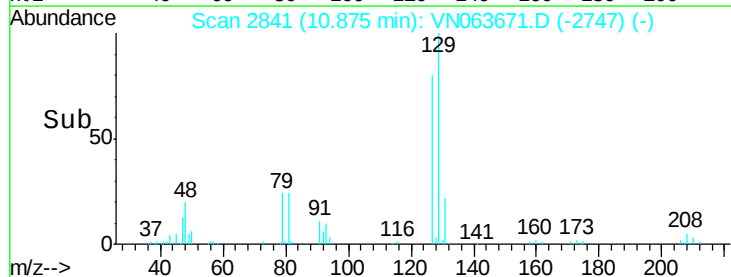
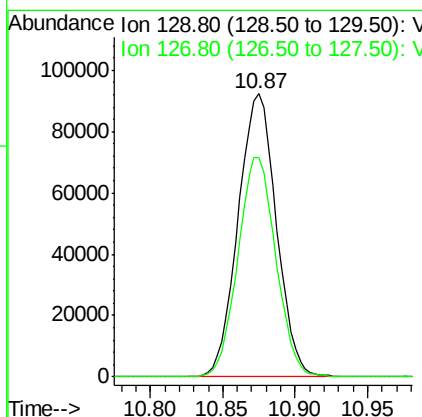
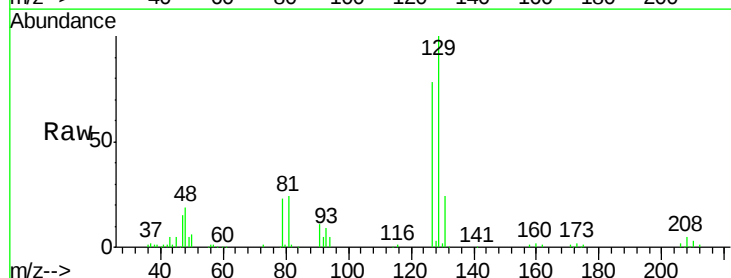
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

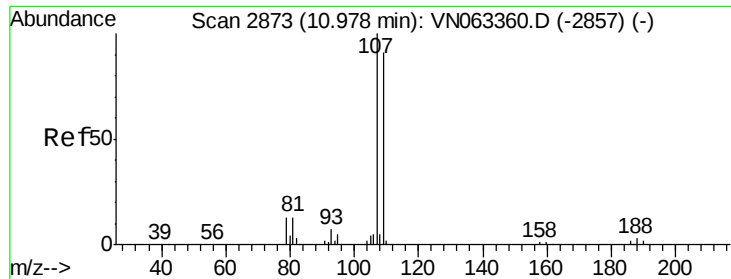
Tgt Ion: 43 Resp: 744043
Ion Ratio Lower Upper
43 100
58 49.5 24.7 74.1



#60
Dibromochloromethane
Concen: 50.695 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion: 129 Resp: 169496
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

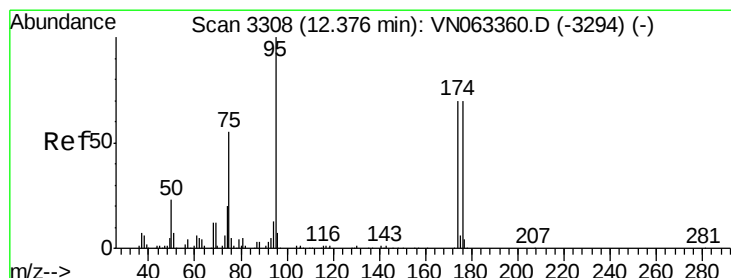
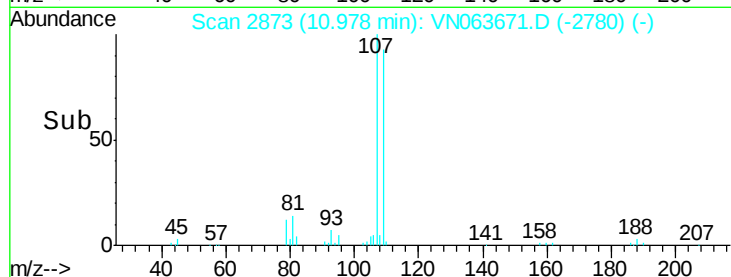
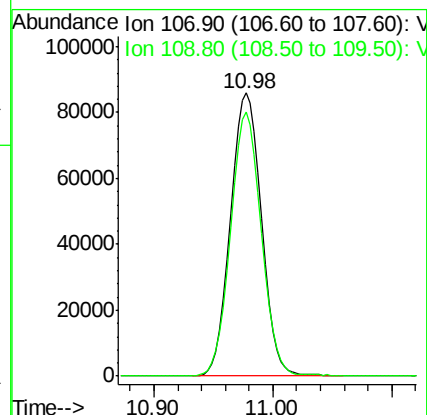
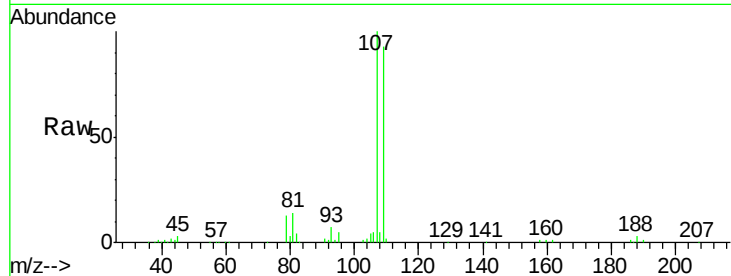




#61
 1,2-Dibromoethane
 Concen: 50.528 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

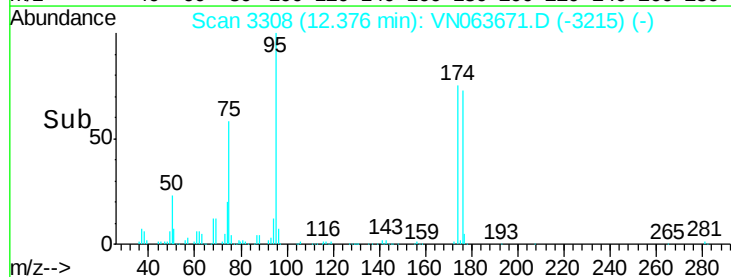
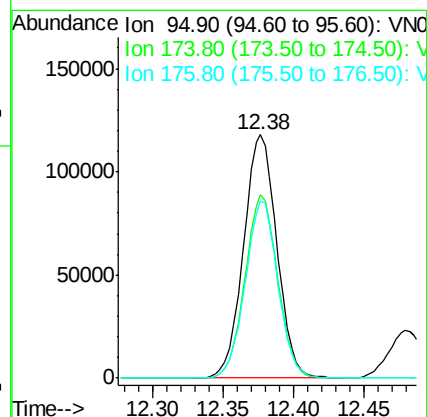
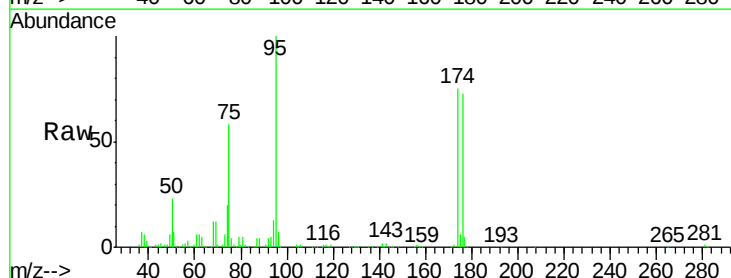
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

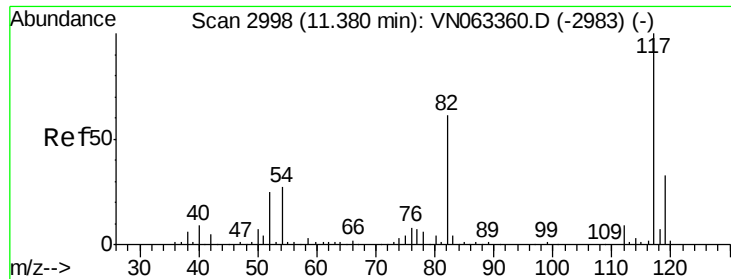
Tgt Ion: 107 Resp: 155359
 Ion Ratio Lower Upper
 107 100
 109 92.4 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 50.296 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion: 95 Resp: 195574
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 140.8
 176 71.0 0.0 137.6

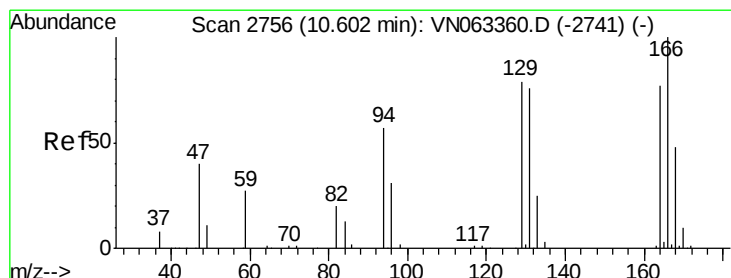
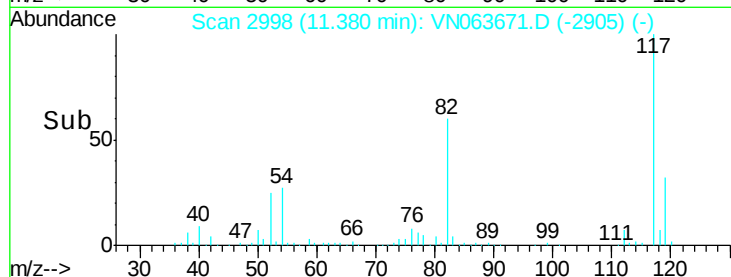
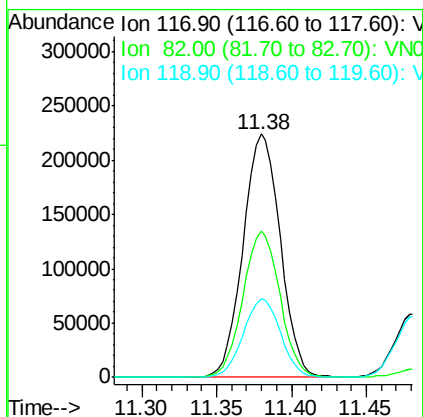
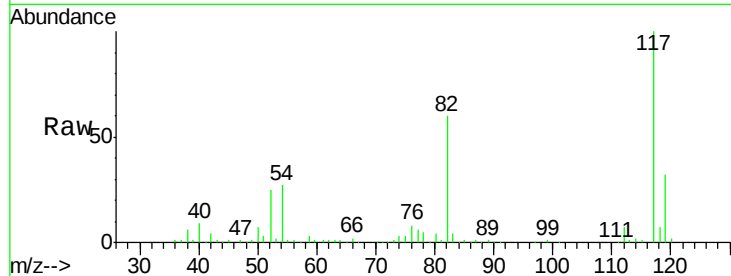




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

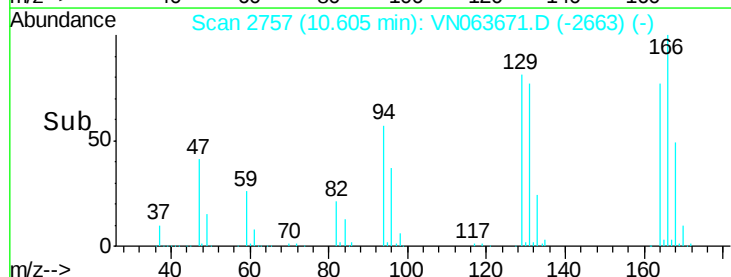
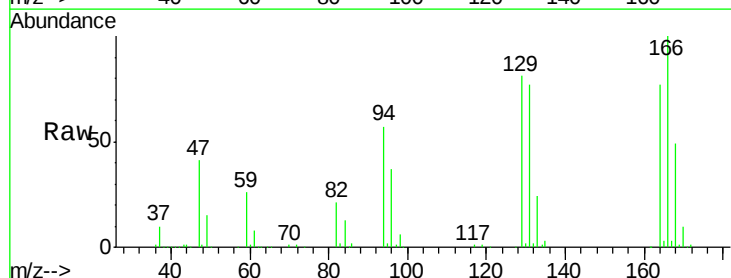
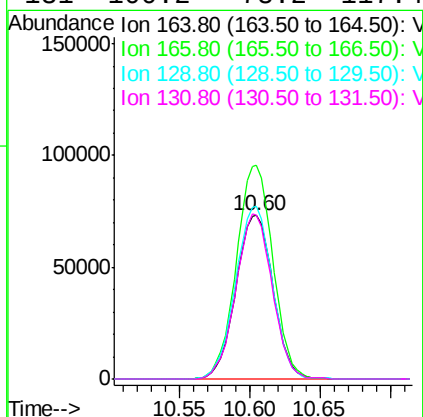
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

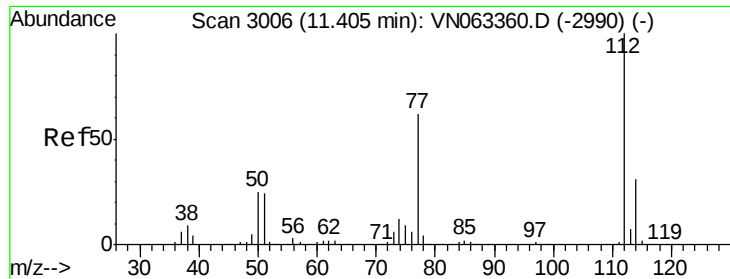
Tgt Ion:117 Resp: 389199
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 51.109 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion:164 Resp: 135446
Ion Ratio Lower Upper
164 100
166 130.4 103.4 155.0
129 105.1 81.8 122.6
131 100.2 78.2 117.4

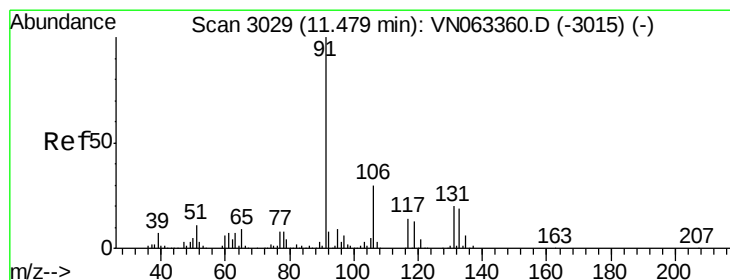
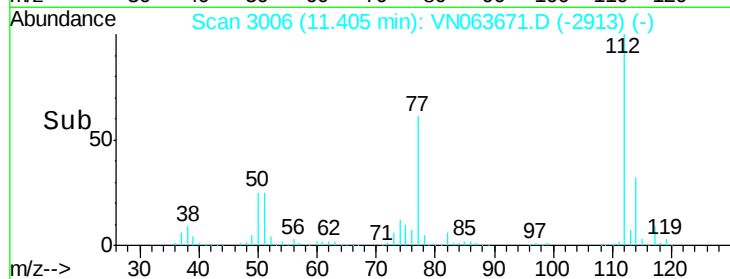
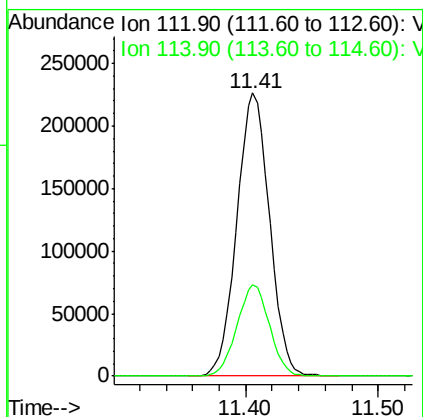
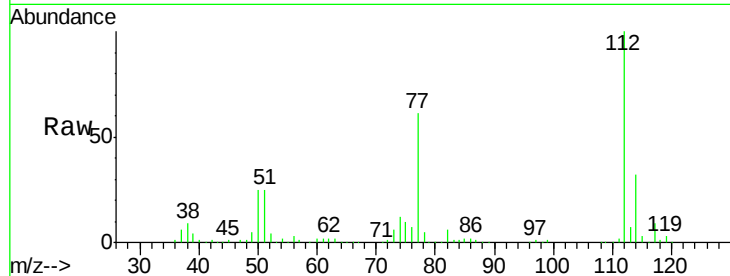




#65
Chlorobenzene
Concen: 46.959 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

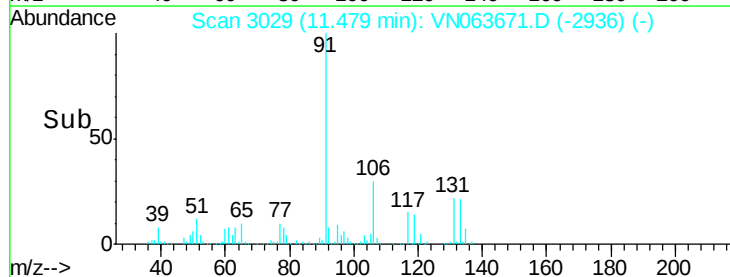
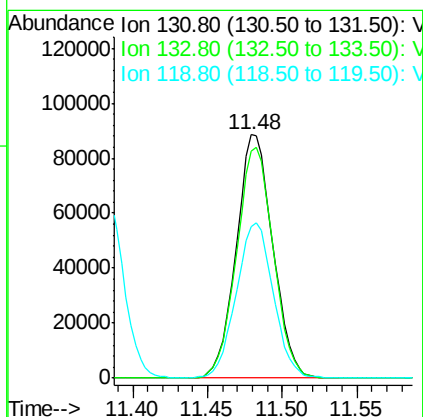
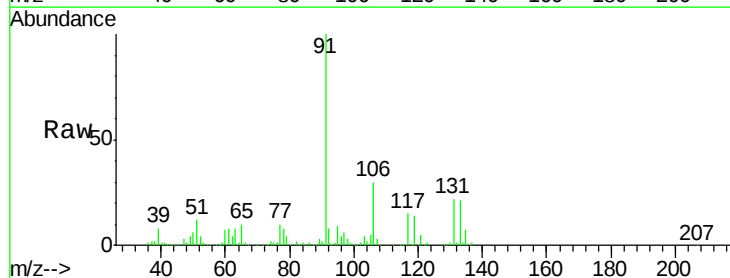
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

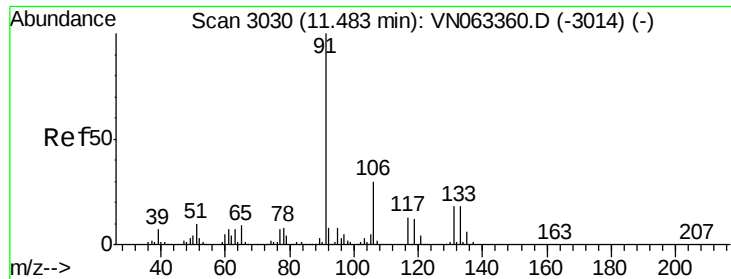
Tgt Ion:112 Resp: 387955
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.753 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion:131 Resp: 150673
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 64.7 33.6 100.8

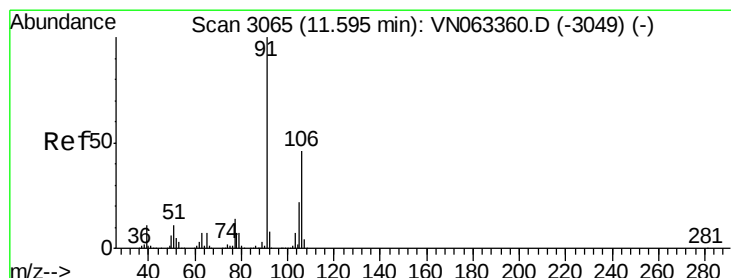
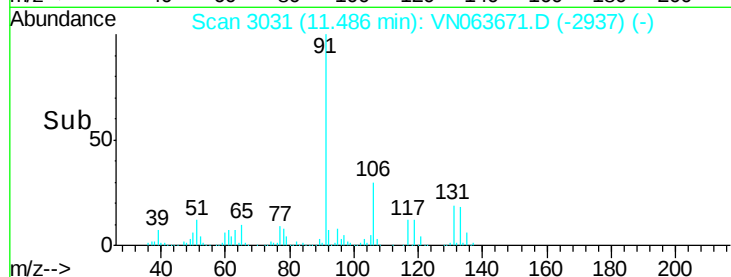
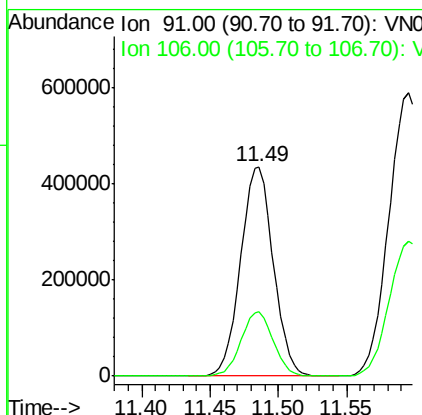
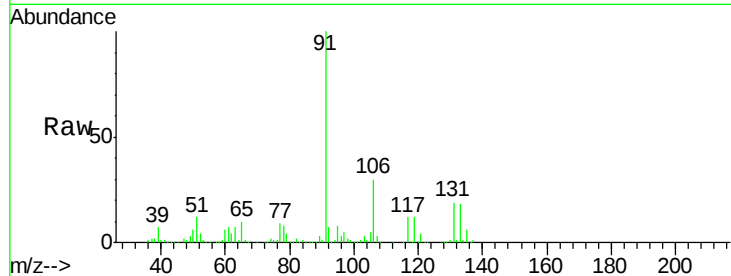




#67
Ethyl Benzene
Concen: 46.659 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

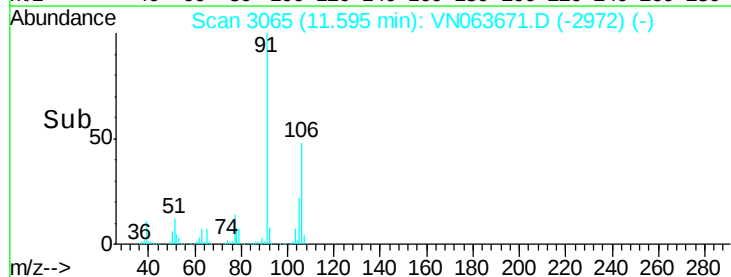
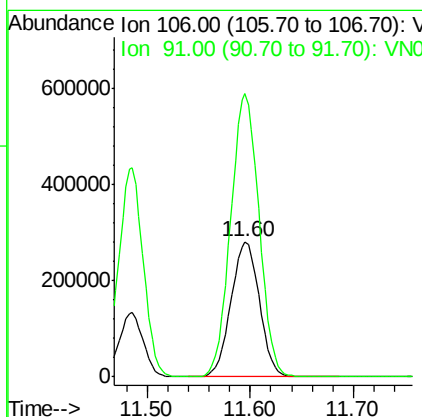
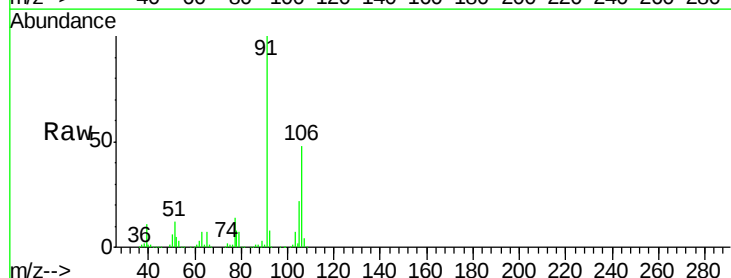
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

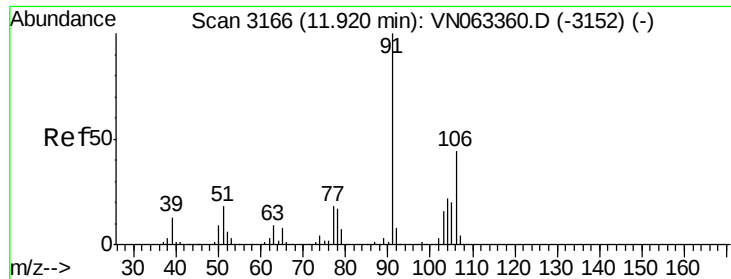
Tgt Ion: 91 Resp: 725930
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 96.481 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion: 106 Resp: 541212
Ion Ratio Lower Upper
106 100
91 208.7 171.2 256.8

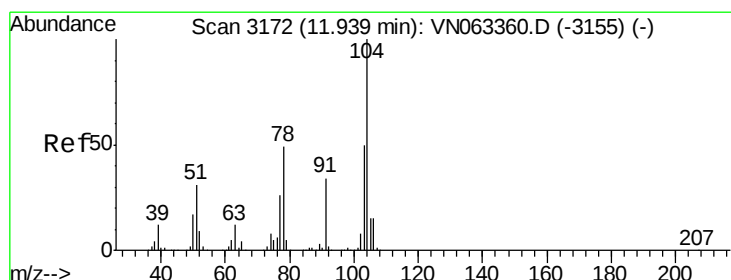
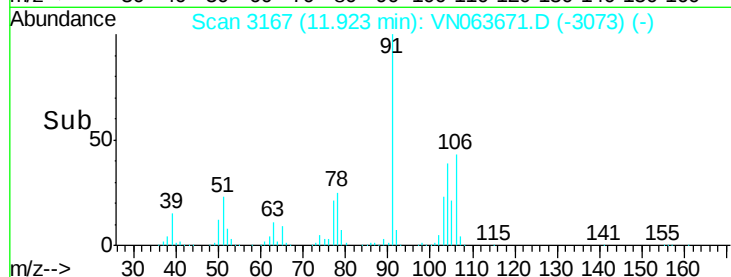
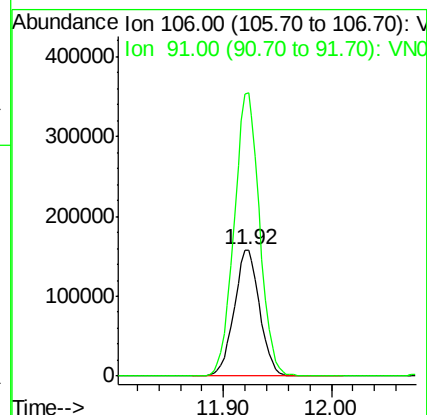
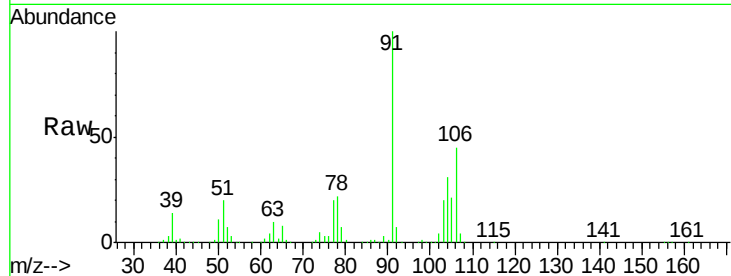




#69
o-Xylene
Concen: 48.600 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

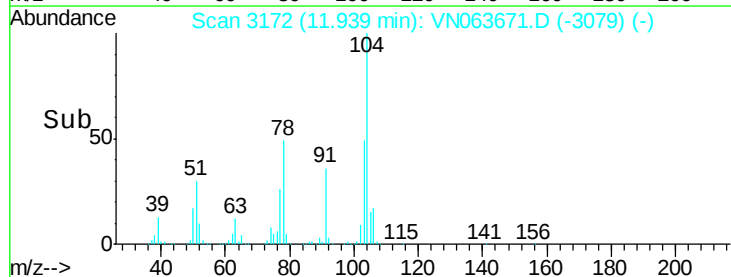
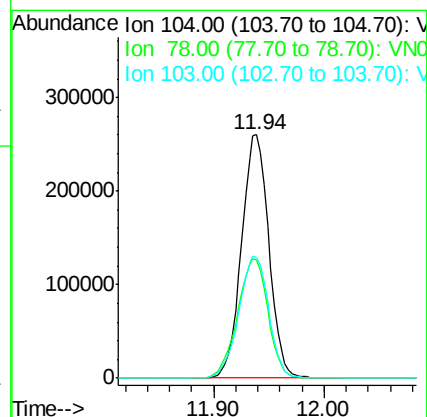
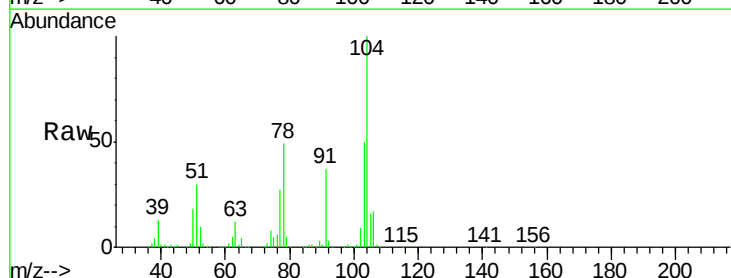
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

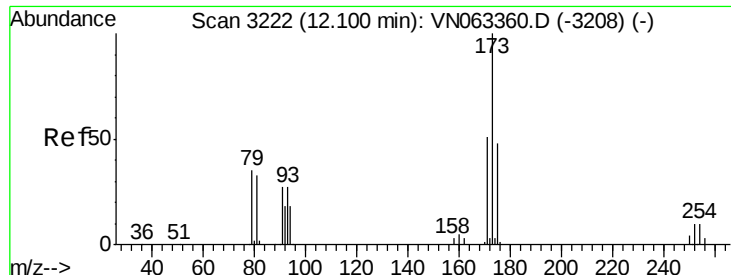
Tgt Ion:106 Resp: 259704
Ion Ratio Lower Upper
106 100
91 223.9 113.6 340.8



#70
Styrene
Concen: 49.865 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion:104 Resp: 446852
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 54.7 43.7 65.5





#71

Bromoform

Concen: 50.035 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

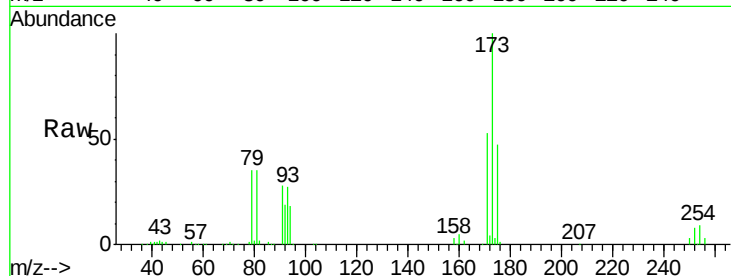
Tgt Ion:173 Resp: 112883

Ion Ratio Lower Upper

173 100

175 46.5 24.0 72.0

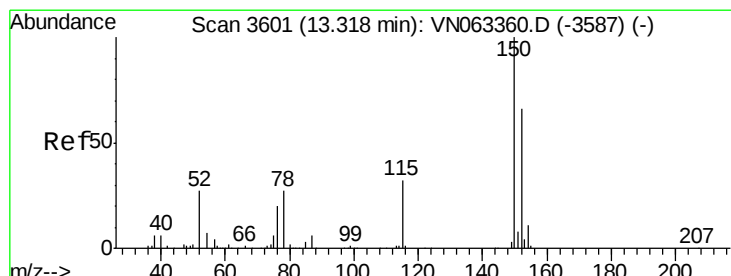
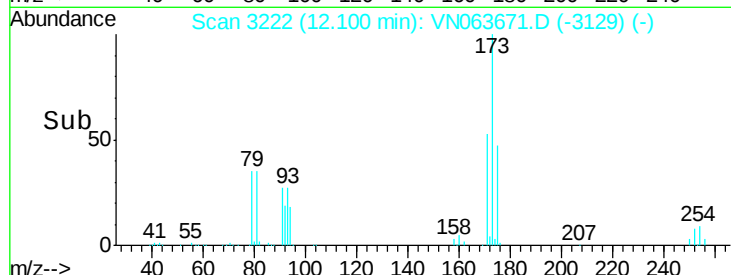
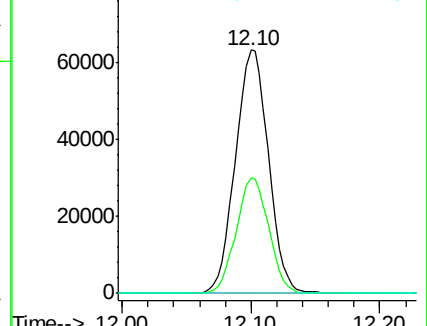
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

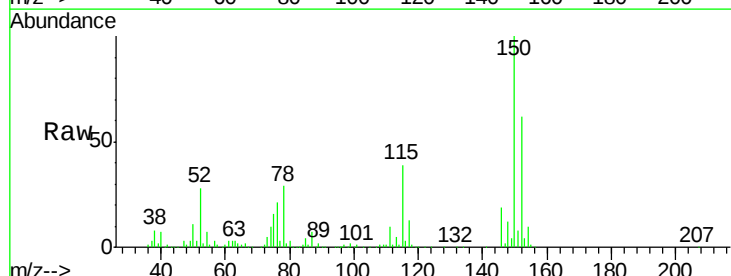
Tgt Ion:152 Resp: 190109

Ion Ratio Lower Upper

152 100

115 62.2 32.2 96.6

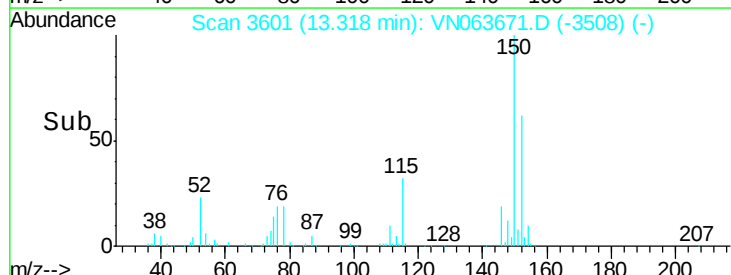
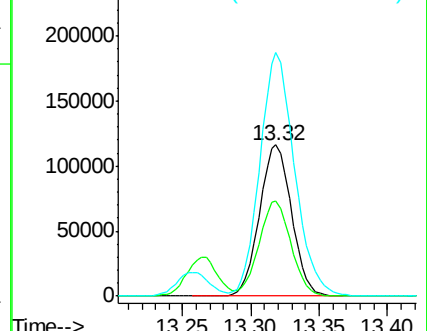
150 173.4 0.0 343.4

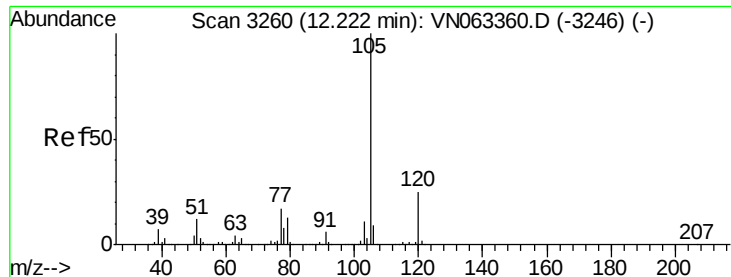


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.882 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

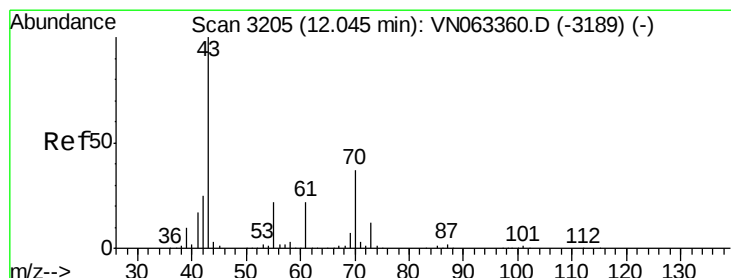
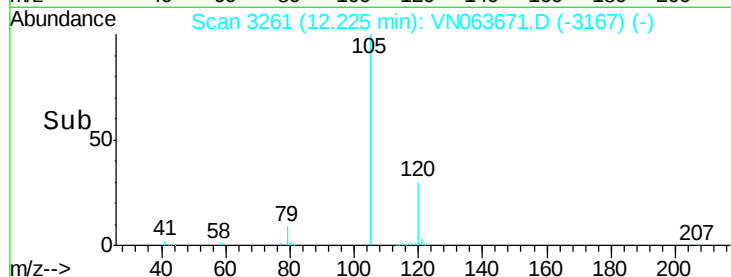
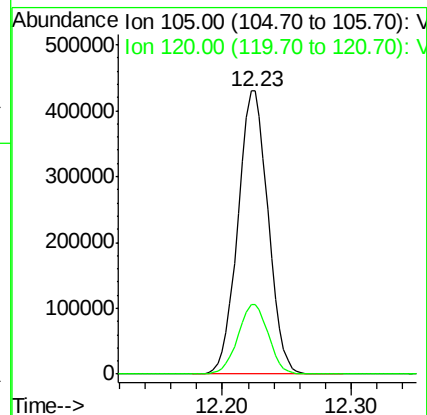
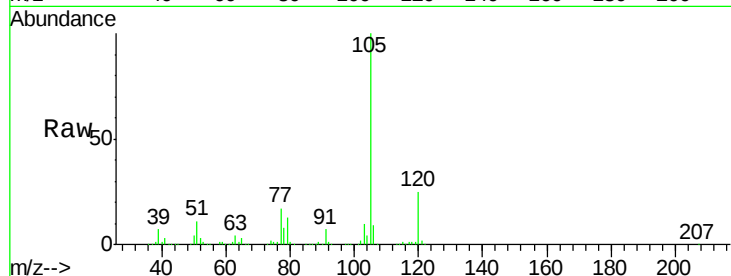
VSTDCCC050EC

Tgt Ion: 105 Resp: 698985

Ion Ratio Lower Upper

105 100

120 24.7 12.7 38.0



#74

N-ethyl acetate

Concen: 44.904 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Tgt Ion: 43 Resp: 323820

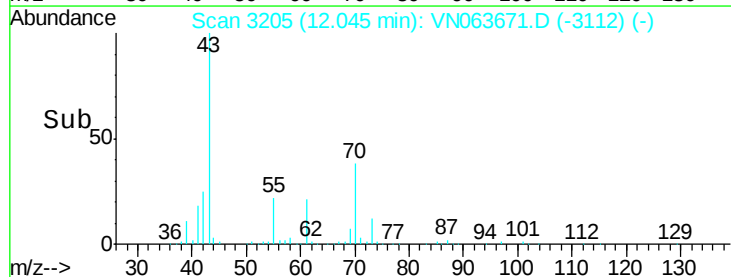
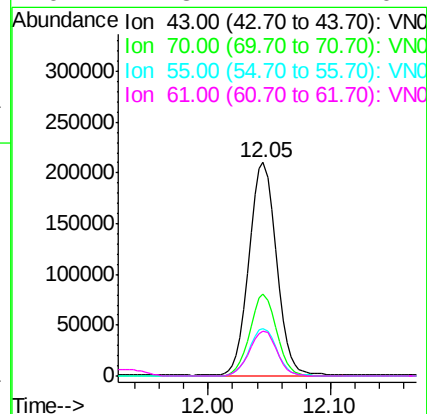
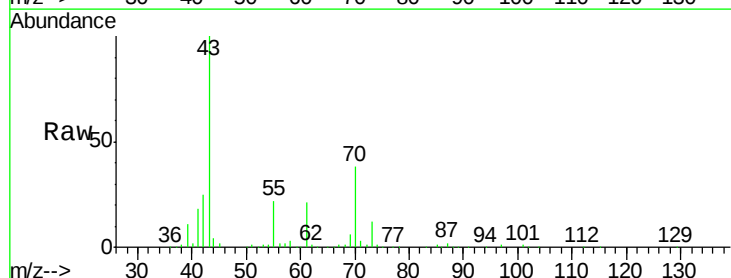
Ion Ratio Lower Upper

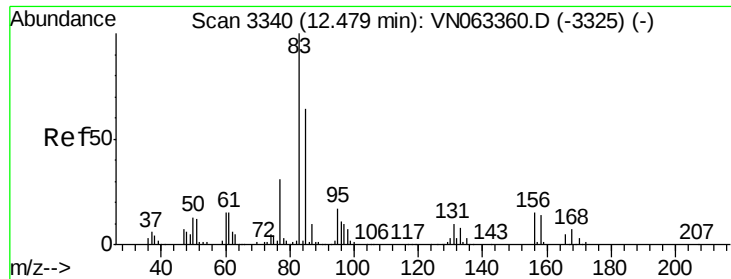
43 100

70 37.4 29.6 44.4

55 22.6 17.7 26.5

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.598 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

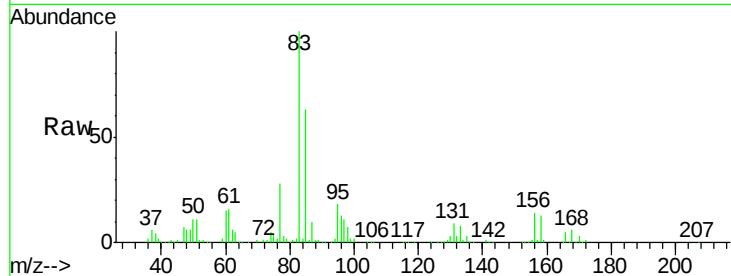
Tgt Ion: 83 Resp: 215088

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

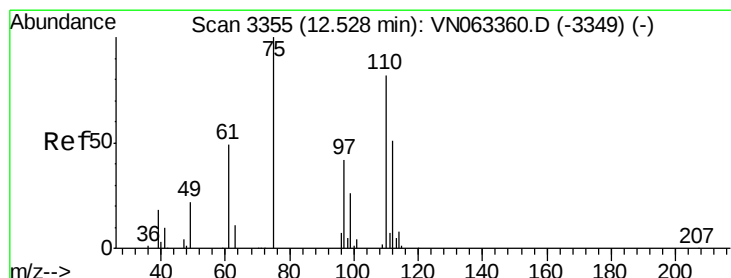
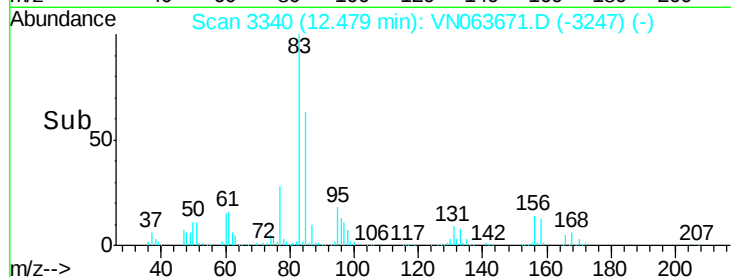
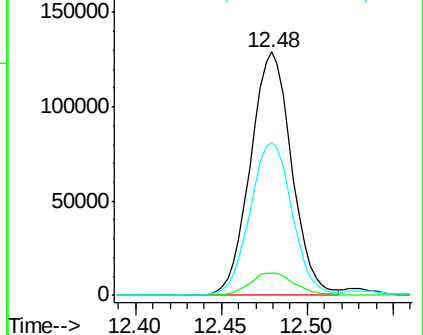
85 64.1 32.0 96.0



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: 59.900 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063671.D

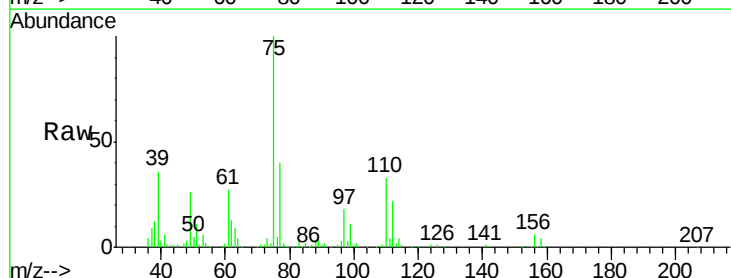
Acq: 25 Sep 2020 9:25

Tgt Ion: 75 Resp: 281858

Ion Ratio Lower Upper

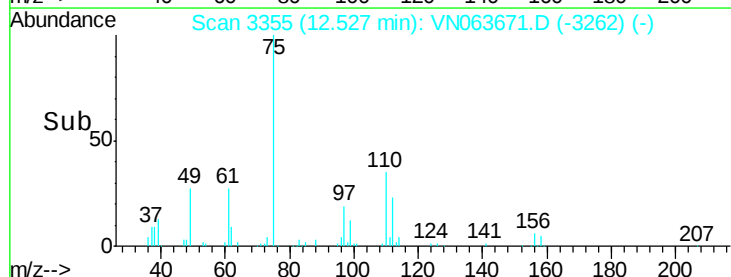
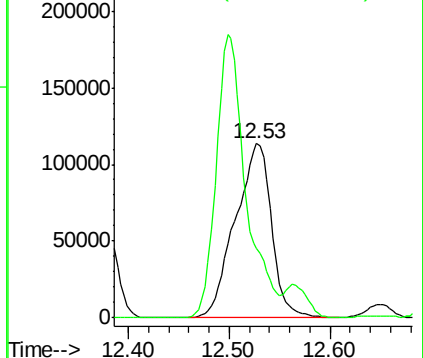
75 100

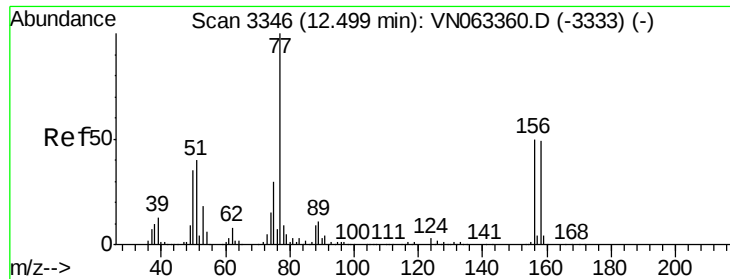
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.780 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

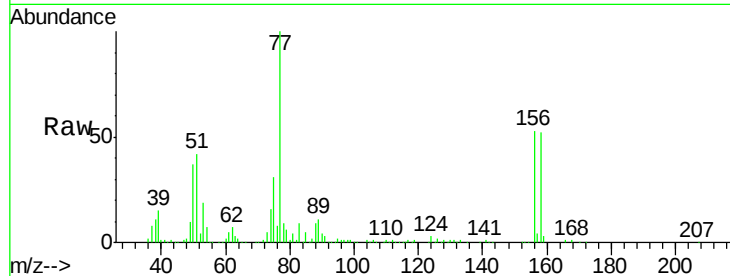
Tgt Ion:156 Resp: 167160

Ion Ratio Lower Upper

156 100

77 224.9 120.2 360.6

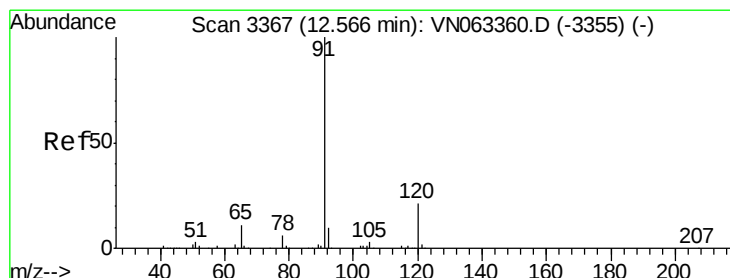
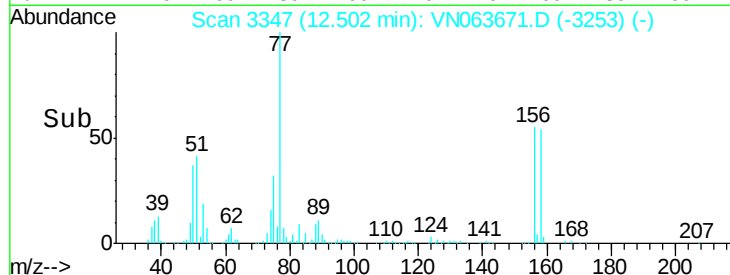
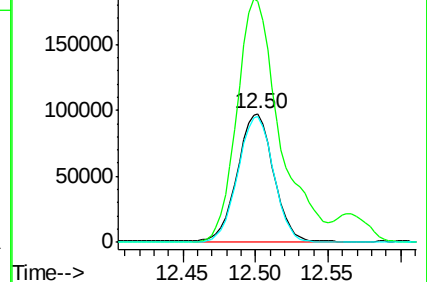
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.472 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063671.D

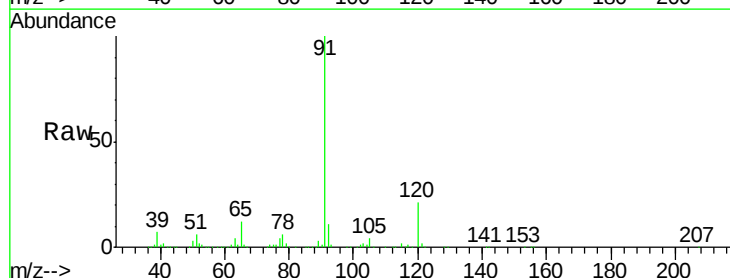
Acq: 25 Sep 2020 9:25

Tgt Ion: 91 Resp: 806844

Ion Ratio Lower Upper

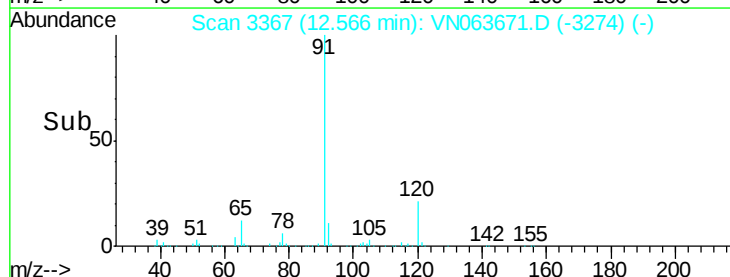
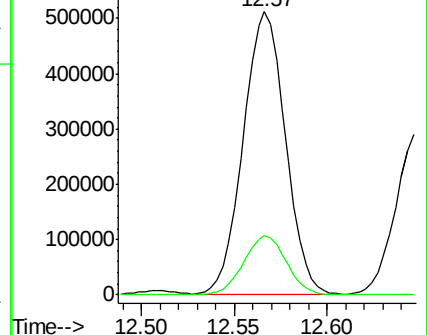
91 100

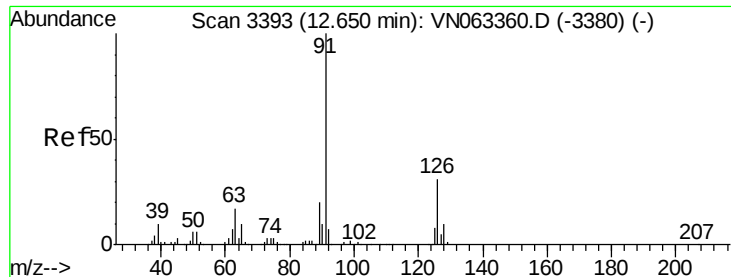
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

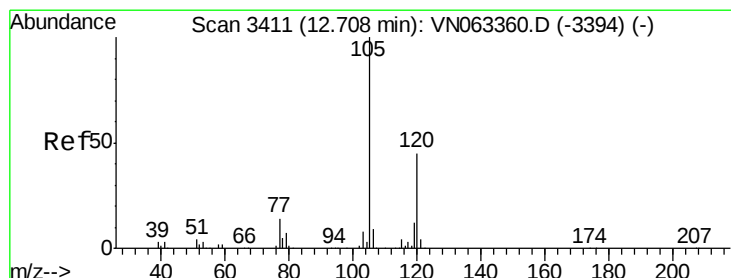
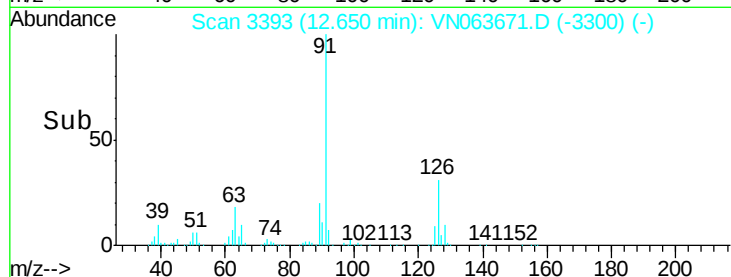
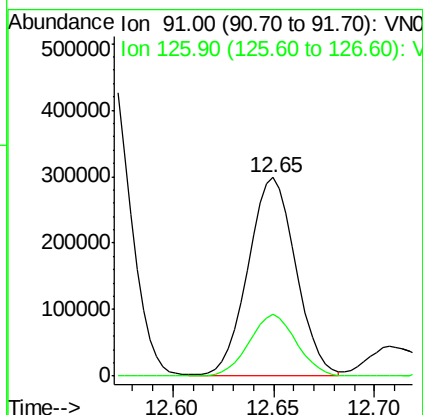
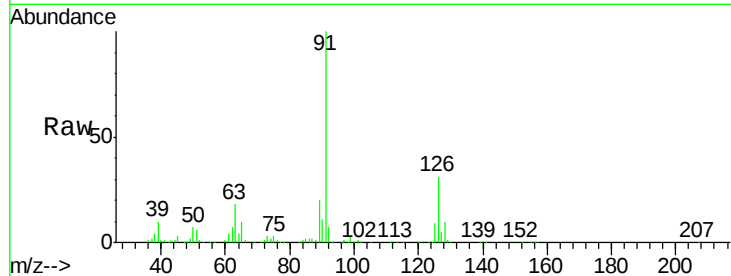




#79
 2-Chlorotoluene
 Concen: 46.049 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

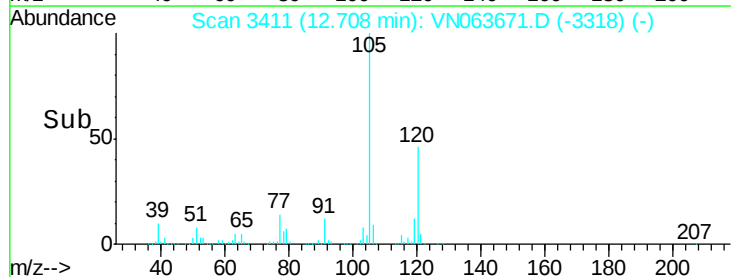
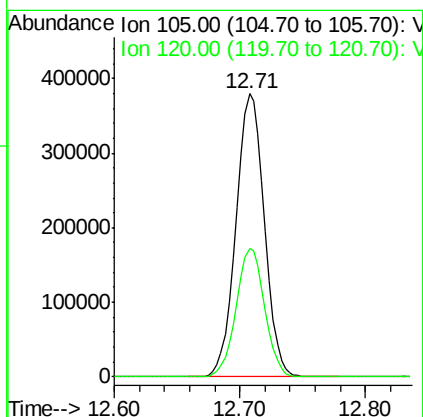
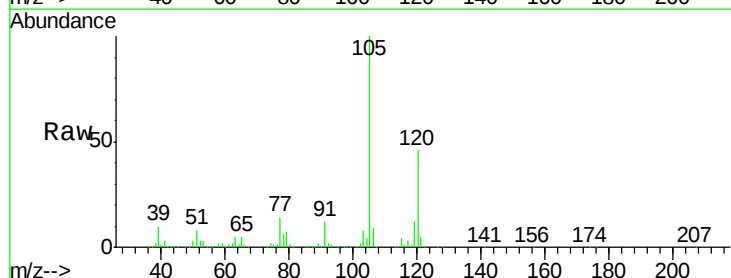
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 489795
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 46.698 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion: 105 Resp: 593227
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 35.778 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

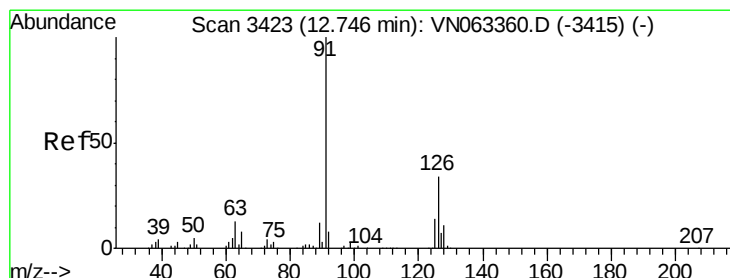
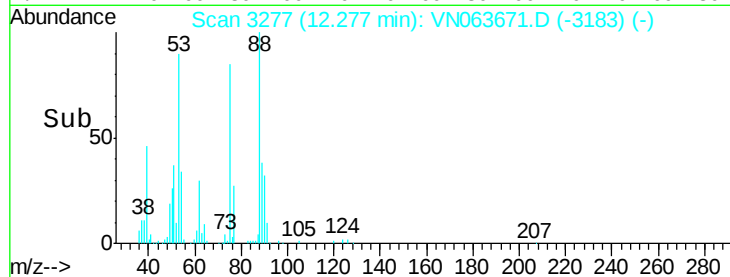
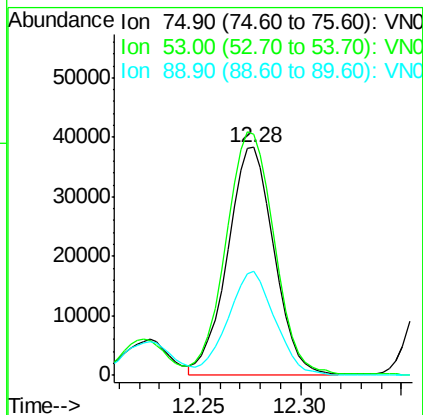
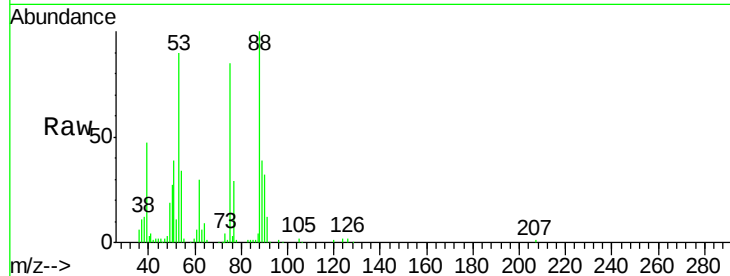
Tgt Ion: 75 Resp: 61406

Ion Ratio Lower Upper

75 100

53 111.0 85.7 128.5

89 46.6 38.0 57.0



#82

4-Chlorotoluene

Concen: 45.711 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063671.D

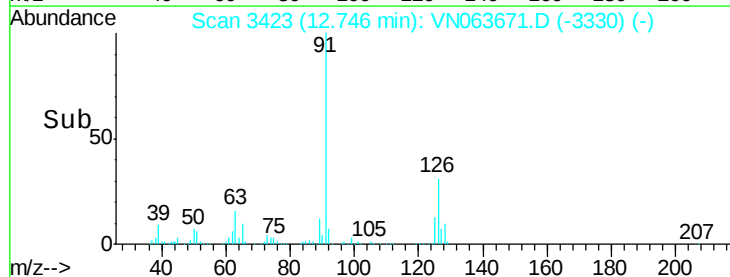
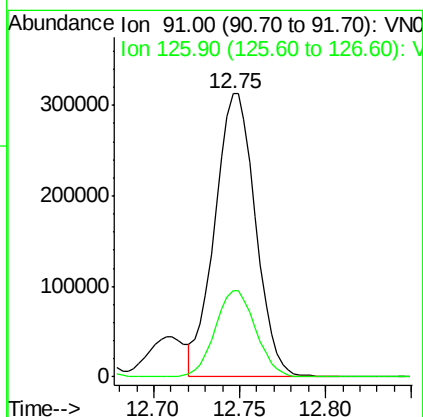
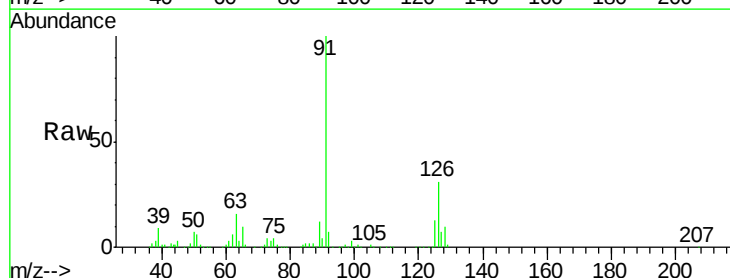
Acq: 25 Sep 2020 9:25

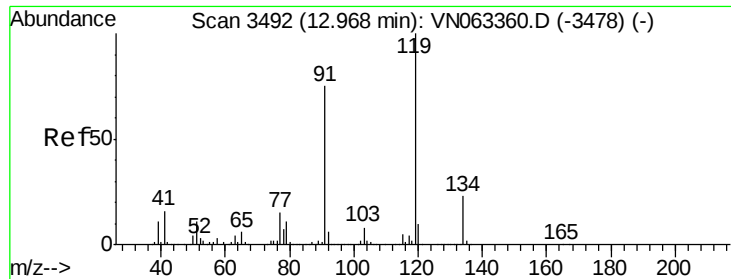
Tgt Ion: 91 Resp: 513710

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5

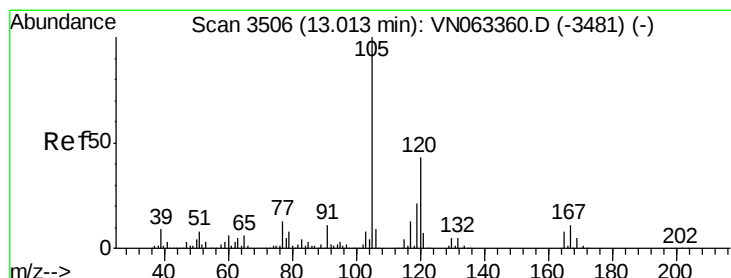
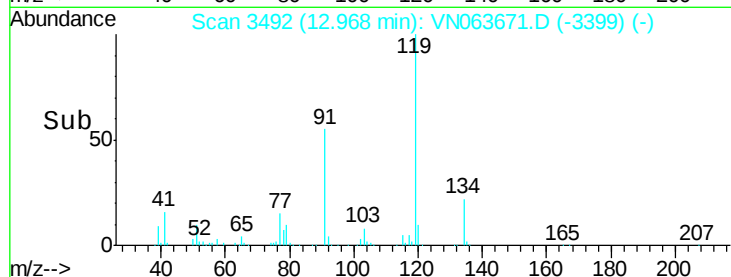
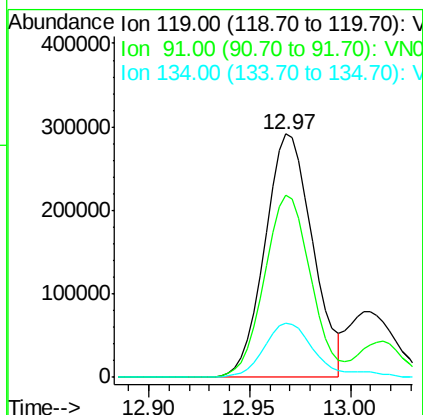
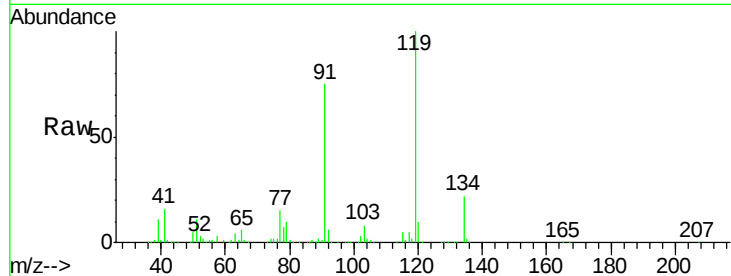




#83
 tert-Butylbenzene
 Concen: 45.707 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

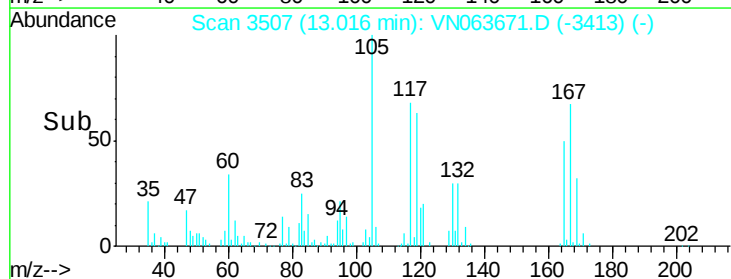
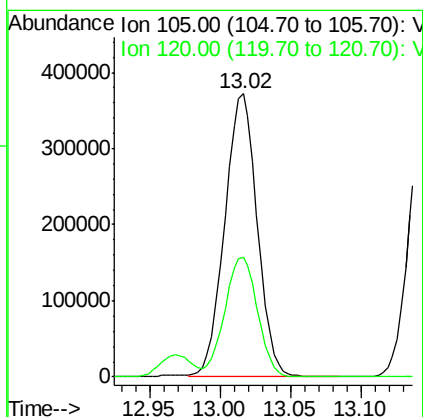
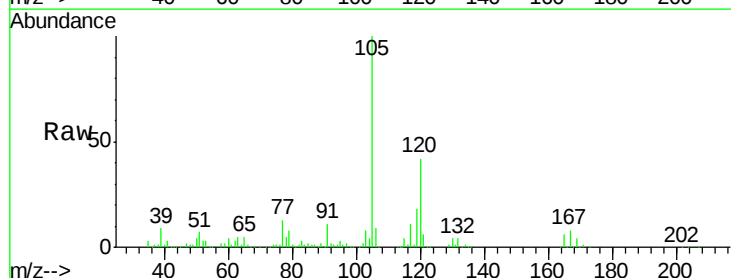
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

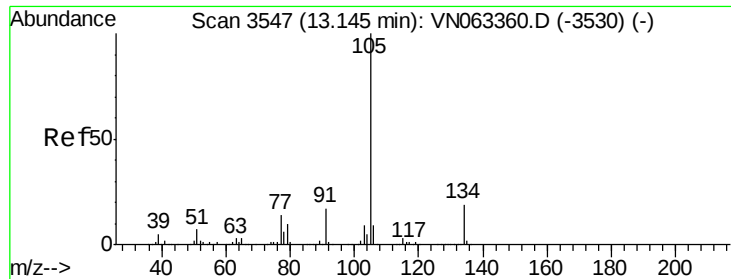
Tgt Ion:119 Resp: 479220
 Ion Ratio Lower Upper
 119 100
 91 72.7 36.3 108.9
 134 24.4 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 46.474 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion:105 Resp: 596336
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.3 63.9

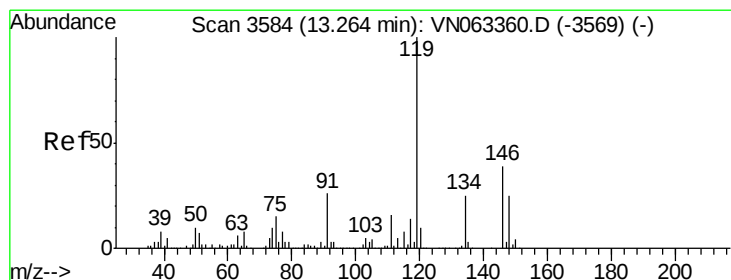
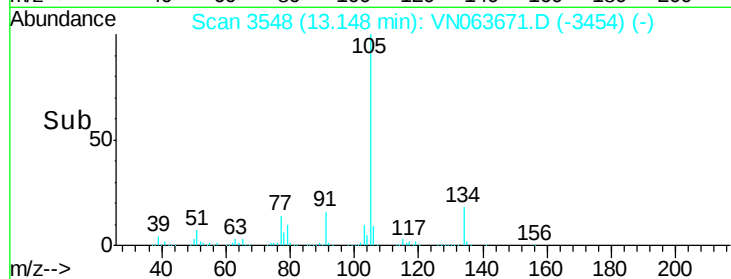
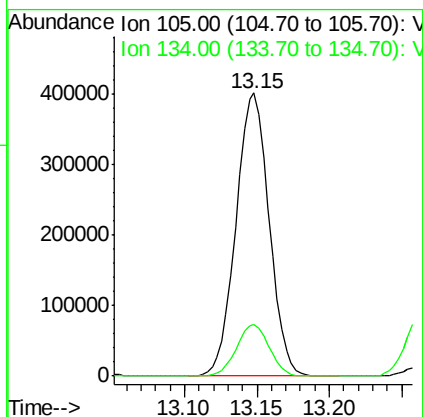
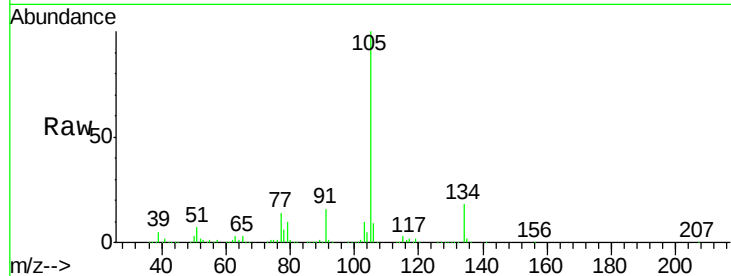




#85
 sec-Butylbenzene
 Concen: 45.457 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

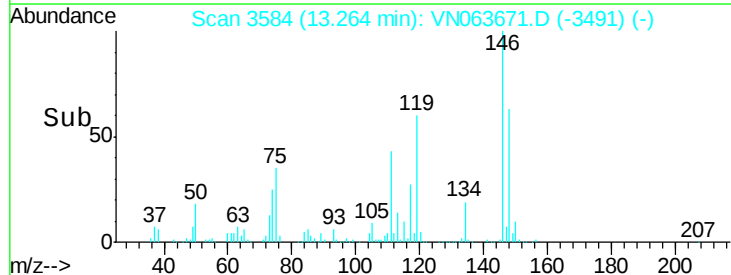
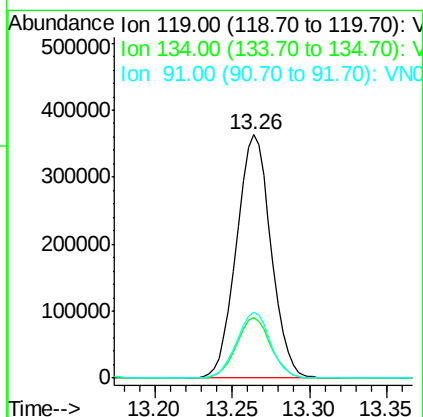
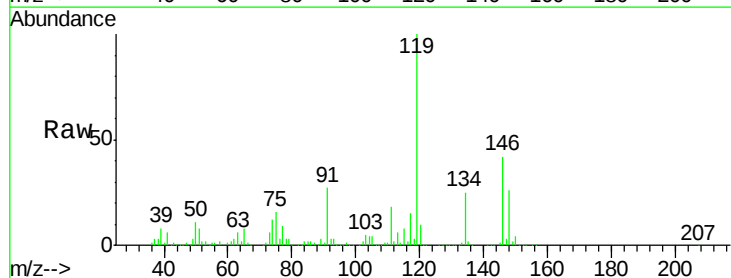
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

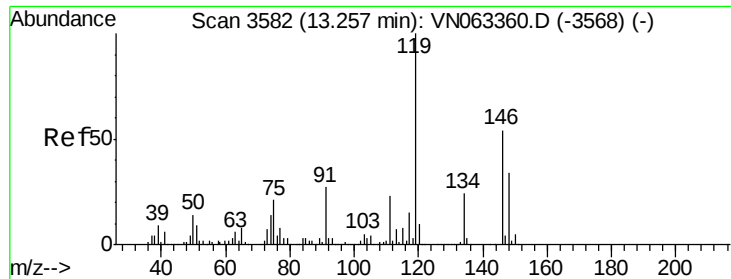
Tgt Ion:105 Resp: 637966
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 45.274 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion:119 Resp: 560421
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.5 37.5
 91 26.5 13.4 40.1

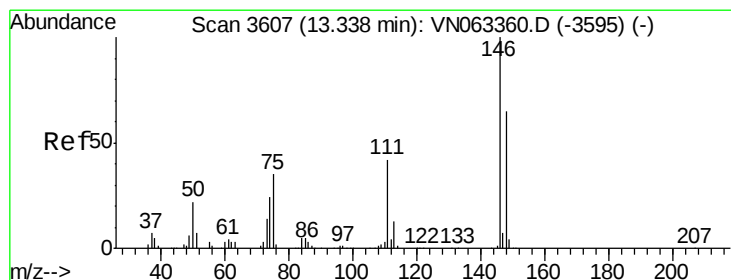
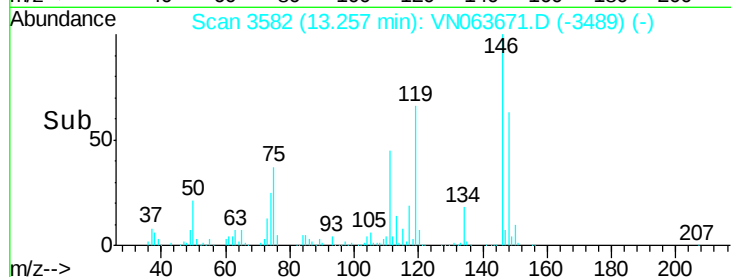
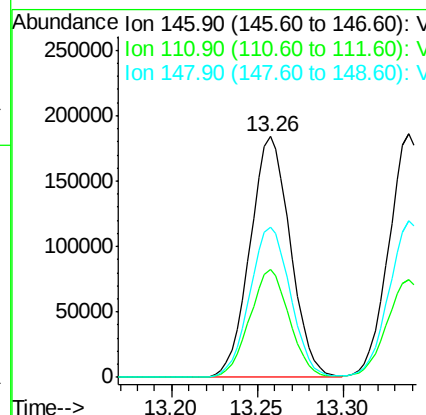
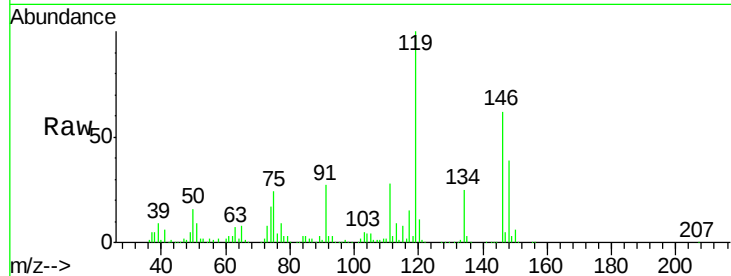




#87
 1,3-Dichlorobenzene
 Concen: 47.078 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

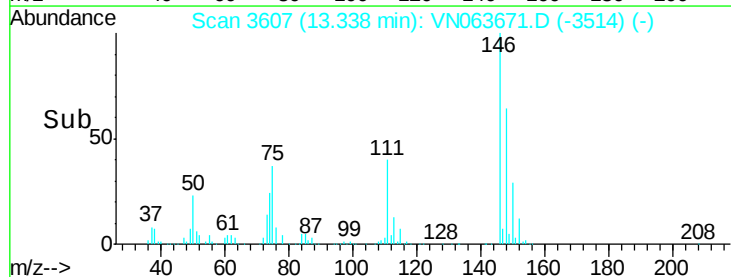
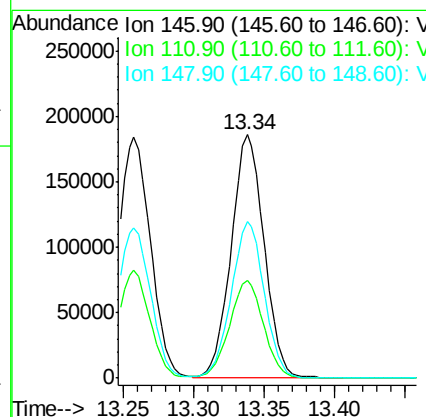
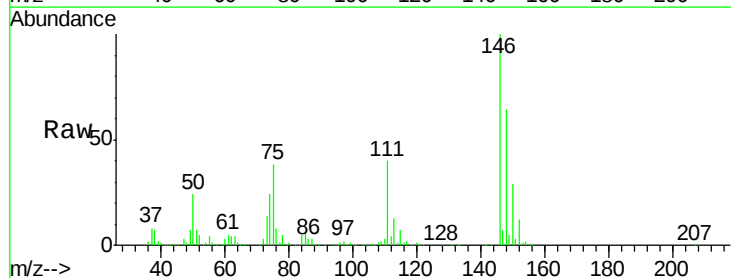
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

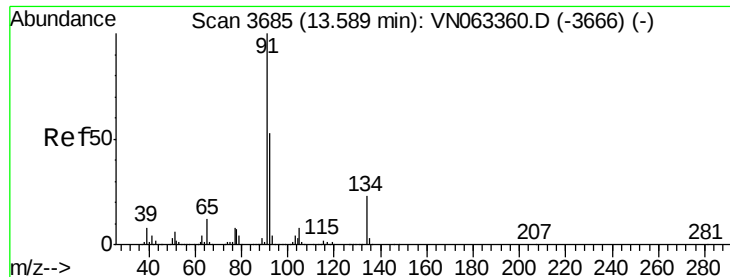
Tgt Ion:146 Resp: 299021
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.4 64.3
 148 63.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.974 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion:146 Resp: 303343
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.2 63.6
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 43.252 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063671.D

Acq: 25 Sep 2020 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

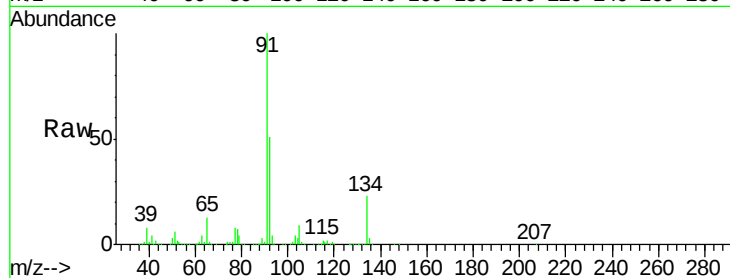
Tgt Ion: 91 Resp: 493502

Ion Ratio Lower Upper

91 100

92 50.7 26.0 78.0

134 23.4 11.7 35.0

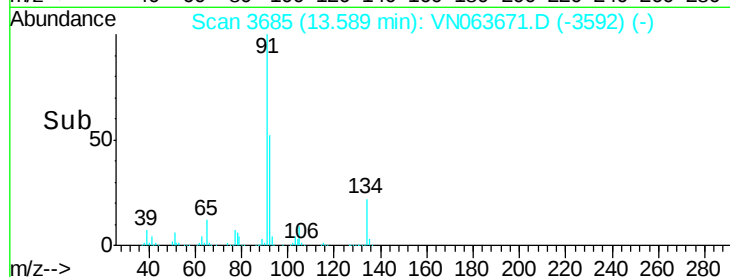


Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

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

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

Time-->

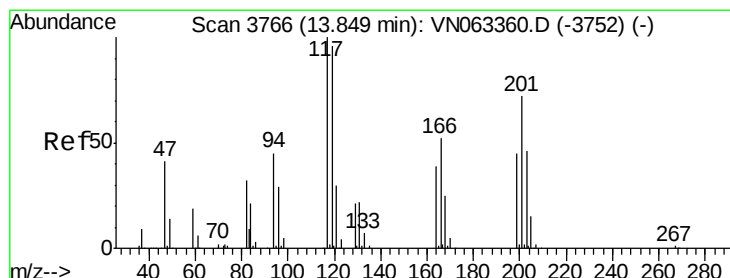


Abundance Ion 91.00 (90.70 to 91.70): VN063671.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063671.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063671.D (-3592) (-)

Time-->



#90

Hexachloroethane

Concen: 43.352 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063671.D

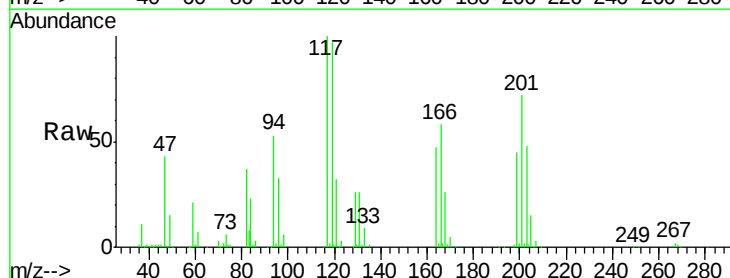
Acq: 25 Sep 2020 9:25

Tgt Ion: 117 Resp: 102184

Ion Ratio Lower Upper

117 100

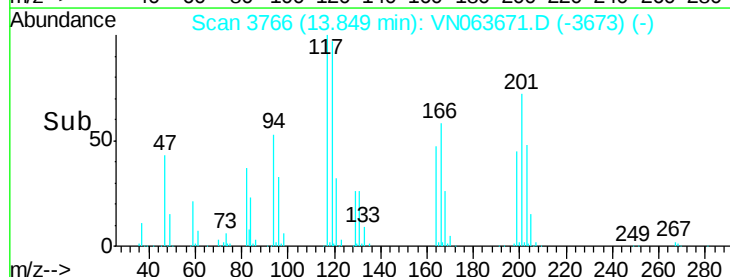
201 74.0 35.5 106.7



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

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

Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN063671.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063671.D (-3673) (-)

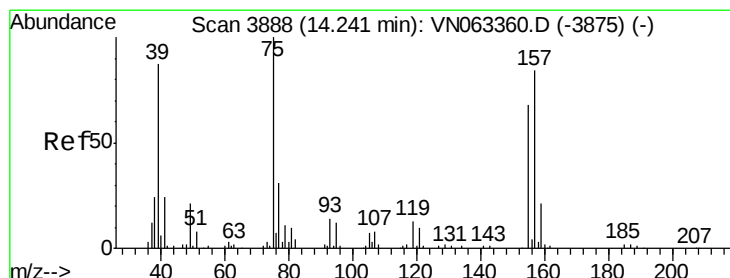
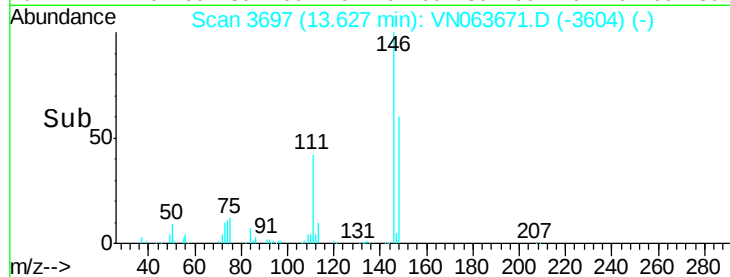
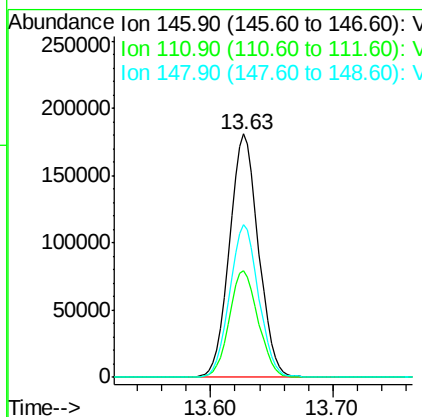
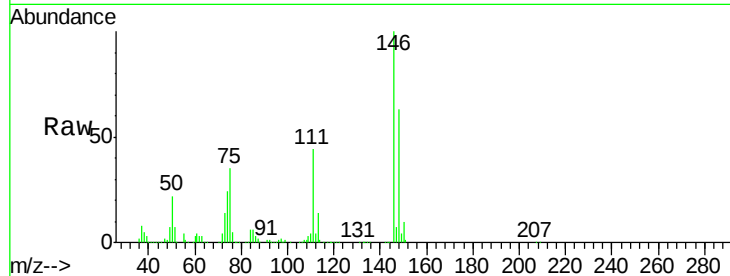
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 48.233 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

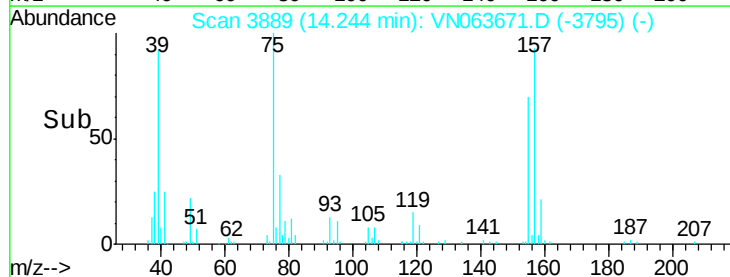
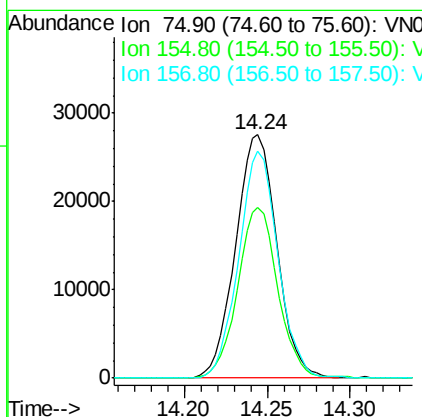
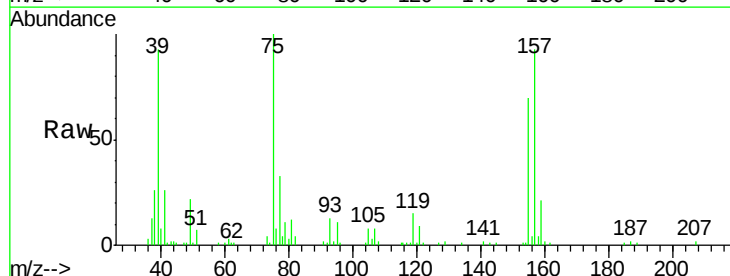
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

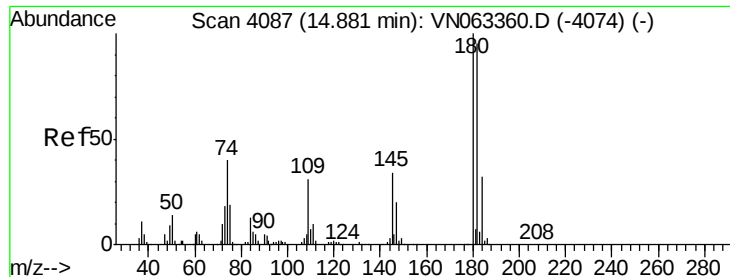
Tgt Ion:146 Resp: 300774
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.4 67.2
 148 62.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.497 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion: 75 Resp: 47734
 Ion Ratio Lower Upper
 75 100
 155 67.9 34.6 103.9
 157 88.7 43.7 131.1

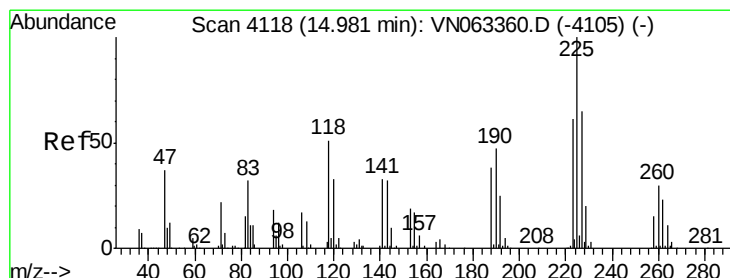
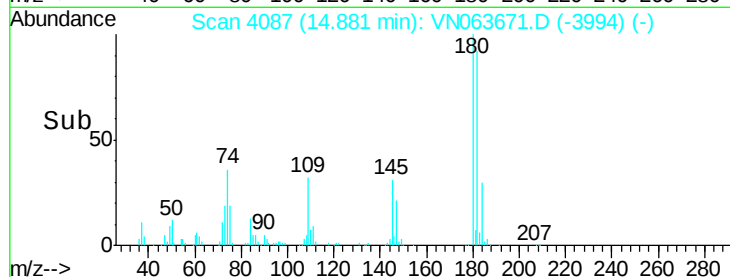
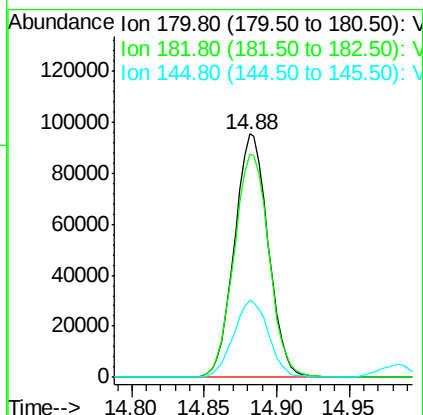
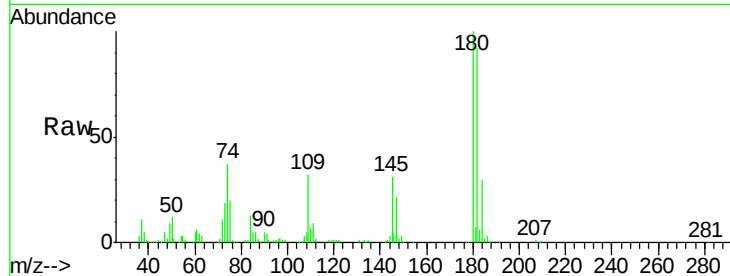




#93
 1,2,4-Trichlorobenzene
 Concen: 42.117 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

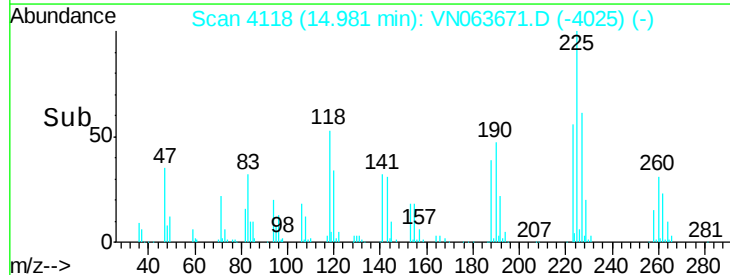
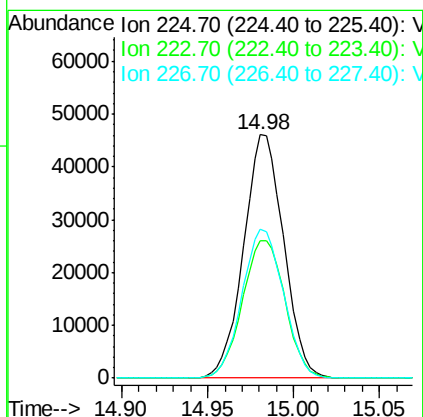
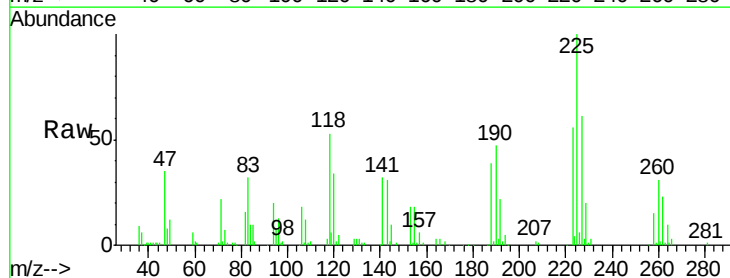
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

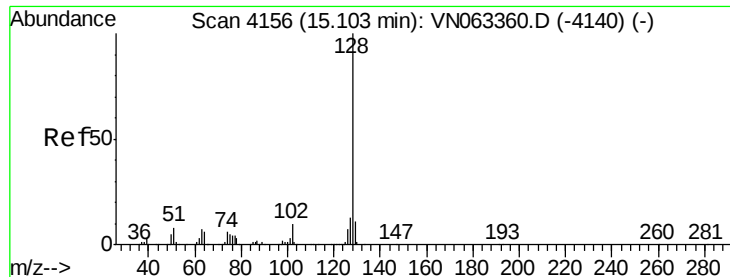
Tgt Ion:180 Resp: 154832
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 32.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 48.918 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063671.D
 Acq: 25 Sep 2020 9:25

Tgt Ion:225 Resp: 74449
 Ion Ratio Lower Upper
 225 100
 223 60.2 30.6 91.6
 227 63.2 31.2 93.6

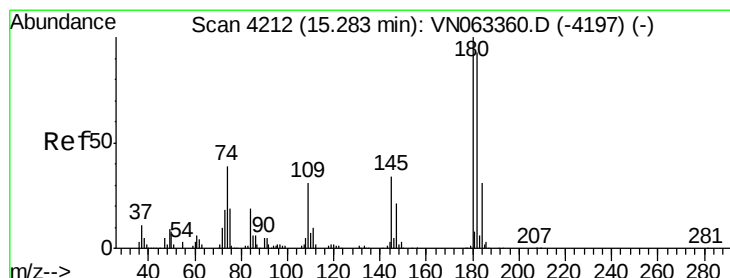
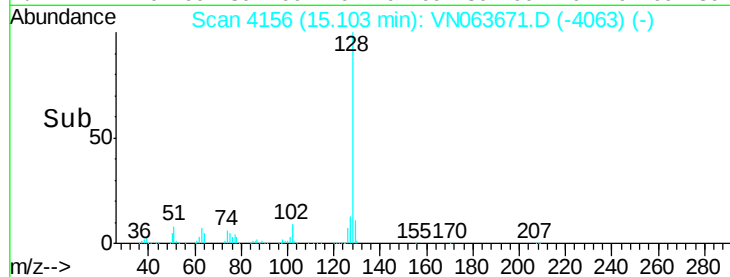
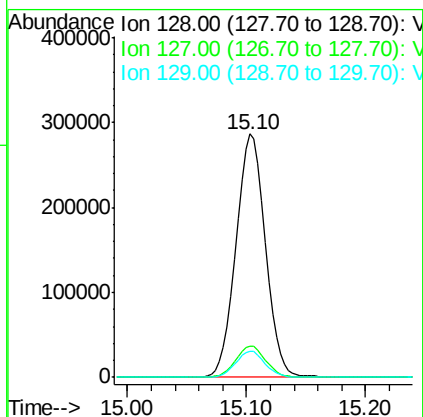
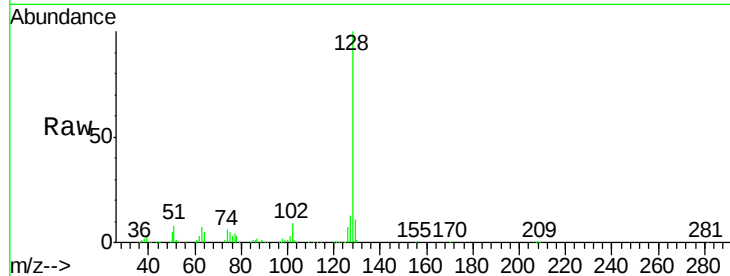




#95
Naphthalene
Concen: 40.429 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 491027
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 42.240 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063671.D
Acq: 25 Sep 2020 9:25

Tgt Ion:180 Resp: 150039
Ion Ratio Lower Upper
180 100
182 95.3 46.7 140.1
145 33.5 16.8 50.3

