

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
 Data File : VN063740.D
 Acq On : 30 Sep 2020 10:48
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 30 11:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	466566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	436322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204779	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96980	20.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.86%	
35) Dibromofluoromethane	7.55	113	66630	20.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.12%	
50) Toluene-d8	10.06	98	253365	20.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.82%	
62) 4-Bromofluorobenzene	12.38	95	90459	20.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	55891	17.975	ug/l	100
3) Chloromethane	2.04	50	65283	16.100	ug/l	98
4) Vinyl Chloride	2.16	62	63085	17.384	ug/l	99
5) Bromomethane	2.53	94	42480	19.470	ug/l	95
6) Chloroethane	2.68	64	38774	17.217	ug/l	95
7) Trichlorofluoromethane	2.99	101	107803	19.616	ug/l	97
8) Diethyl Ether	3.38	74	35395	16.861	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55917	18.229	ug/l	99
10) Methyl Iodide	3.91	142	63692	16.194	ug/l	99
11) Tert butyl alcohol	4.73	59	48253	76.431	ug/l	95
12) 1,1-Dichloroethene	3.70	96	51637	16.797	ug/l	92
13) Acrolein	3.57	56	29340	113.740	ug/l	98
14) Allyl chloride	4.28	41	100939	16.728	ug/l	99
15) Acrylonitrile	4.93	53	141263	86.245	ug/l	99
16) Acetone	3.78	43	133594	88.082	ug/l	98
17) Carbon Disulfide	4.01	76	144708	16.300	ug/l	100
18) Methyl Acetate	4.28	43	70052	18.300	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	196403	17.049	ug/l	100
20) Methylene Chloride	4.51	84	65228	17.152	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	58011	16.985	ug/l	96
22) Diisopropyl ether	5.90	45	212714	17.101	ug/l	92
23) Vinyl Acetate	5.84	43	869650	85.358	ug/l	99
24) 1,1-Dichloroethane	5.80	63	117342	17.274	ug/l	99
25) 2-Butanone	6.78	43	199607	86.654	ug/l	98
26) 2,2-Dichloropropane	6.78	77	107744	17.861	ug/l	79
27) cis-1,2-Dichloroethene	6.78	96	69438	17.954	ug/l	99
28) Bromochloromethane	7.15	49	62415	19.479	ug/l	98
29) Tetrahydrofuran	7.16	42	132971	84.574	ug/l	100
30) Chloroform	7.33	83	125303	18.259	ug/l	94
31) Cyclohexane	7.61	56	103129	16.297	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	111827	18.200	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86815	17.731	ug/l	99
37) Ethyl Acetate	6.88	43	83599	17.468	ug/l	98
38) Carbon Tetrachloride	7.73	117	98191	19.451	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	88505	16.800	ug/l	97
40) Benzene	8.00	78	258351	18.484	ug/l	99
41) Methacrylonitrile	7.13	41	37500	17.109	ug/l #	68
42) 1,2-Dichloroethane	8.08	62	107926	19.021	ug/l	100
43) Isopropyl Acetate	8.13	43	148014	17.256	ug/l	98
44) Trichloroethene	8.80	130	66240	19.308	ug/l	96
45) 1,2-Dichloropropane	9.08	63	69969	18.408	ug/l	94
46) Dibromomethane	9.17	93	48922	19.475	ug/l	97
47) Bromodichloromethane	9.37	83	98973	18.872	ug/l	99
48) Methyl methacrylate	9.17	41	74917	17.844	ug/l	97
49) 1,4-Dioxane	9.16	88	19444	324.161	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	442504	91.413	ug/l	99
52) Toluene	10.13	92	161255	19.104	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	106392	18.275	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	112172	18.329	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	63632	18.881	ug/l	99
56) Ethyl methacrylate	10.40	69	91309	17.540	ug/l	97
57) 1,3-Dichloropropane	10.68	76	110486	18.287	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	260866	94.657	ug/l	99
59) 2-Hexanone	10.72	43	324823	92.578	ug/l	99
60) Dibromochloromethane	10.87	129	72984	19.144	ug/l	99
61) 1,2-Dibromoethane	10.98	107	65409	18.702	ug/l	97
64) Tetrachloroethene	10.60	164	63005	21.042	ug/l	98
65) Chlorobenzene	11.41	112	168972	18.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64905	19.220	ug/l	97
67) Ethyl Benzene	11.48	91	307986	17.901	ug/l	99
68) m/p-Xylenes	11.59	106	229524	36.903	ug/l	100
69) o-Xylene	11.92	106	108874	18.432	ug/l	100
70) Styrene	11.94	104	186649	18.838	ug/l	99
71) Bromoform	12.10	173	47767	18.929	ug/l #	96
73) Isopropylbenzene	12.22	105	293488	18.178	ug/l	99
74) N-amyl acetate	12.04	43	127027	16.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	90503	18.106	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	125780	25.238	ug/l #	100
77) Bromobenzene	12.50	156	71093	19.376	ug/l	96
78) n-propylbenzene	12.57	91	339464	18.089	ug/l	99
79) 2-Chlorotoluene	12.65	91	209112	18.541	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	249859	18.606	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	30334	16.780	ug/l	97
82) 4-Chlorotoluene	12.75	91	216703	18.164	ug/l	100
83) tert-Butylbenzene	12.97	119	201901	18.186	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	248500	18.281	ug/l	98
85) sec-Butylbenzene	13.14	105	265718	17.921	ug/l	99
86) p-Isopropyltoluene	13.26	119	237160	18.122	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	132180	19.486	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	125708	18.318	ug/l	96
89) n-Butylbenzene	13.59	91	207782	17.301	ug/l	99
90) Hexachloroethane	13.85	117	44274	17.695	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	125703	18.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20936	17.762	ug/l	97

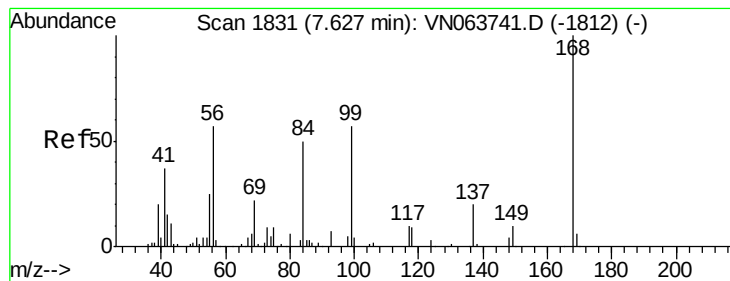
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65988	17.197	ug/l	99
94) Hexachlorobutadiene	14.98	225	34821	21.063	ug/l	98
95) Naphthalene	15.10	128	203412	16.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64671	17.447	ug/l	98

(#) = 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: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

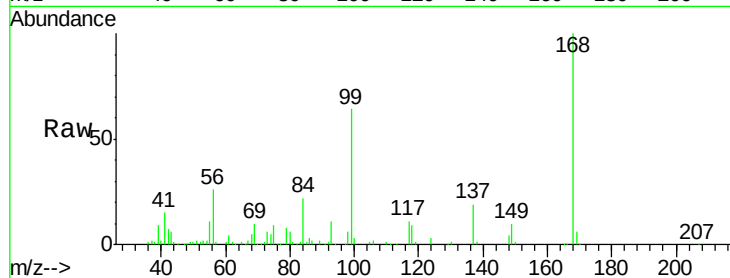
VSTDIC020

Tgt Ion:168 Resp: 280354

Ion Ratio Lower Upper

168 100

99 63.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

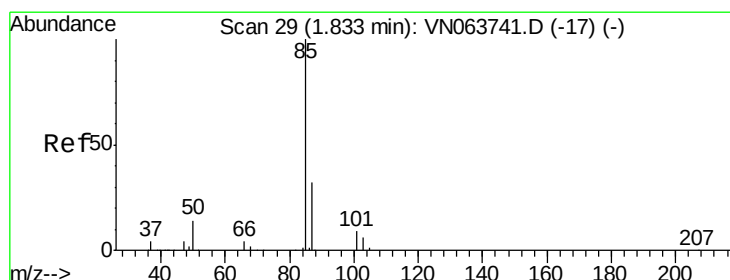
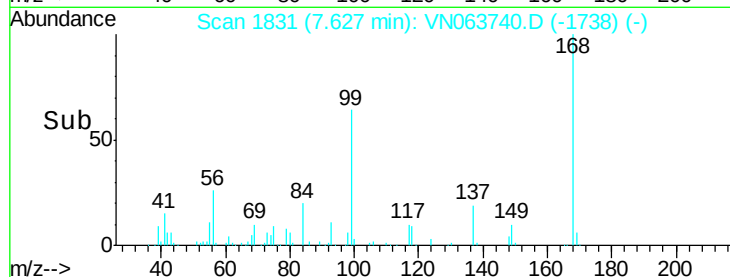
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.975 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063740.D

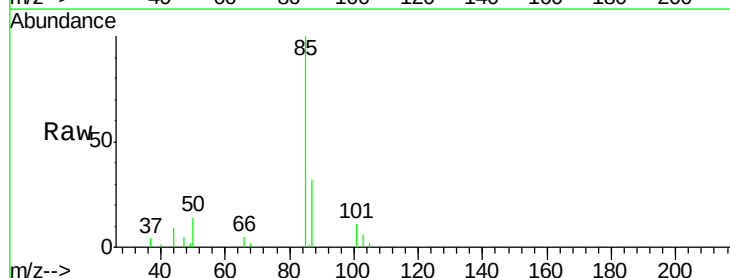
Acq: 30 Sep 2020 10:48

Tgt Ion: 85 Resp: 55891

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

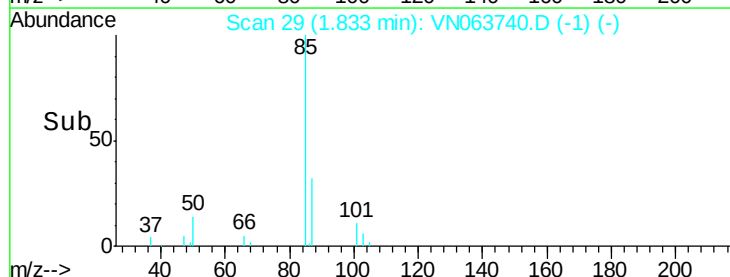
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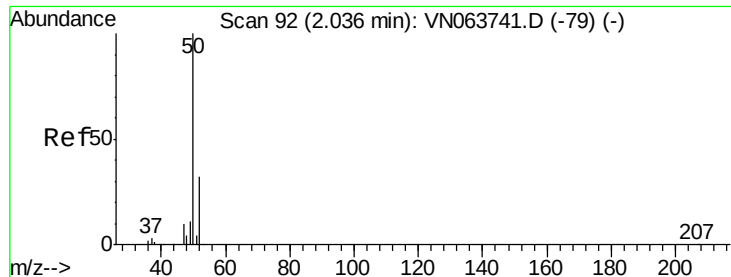
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.100 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampled :

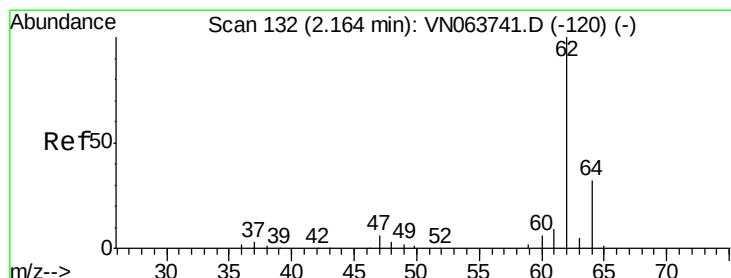
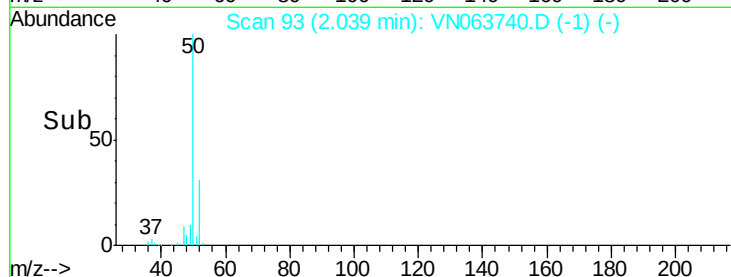
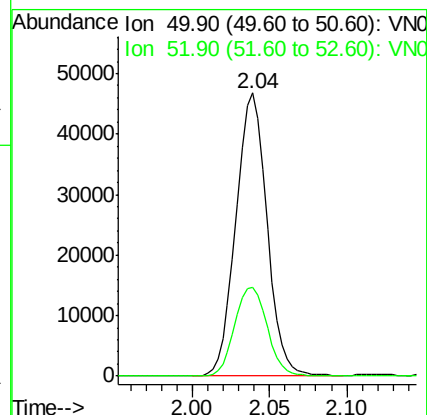
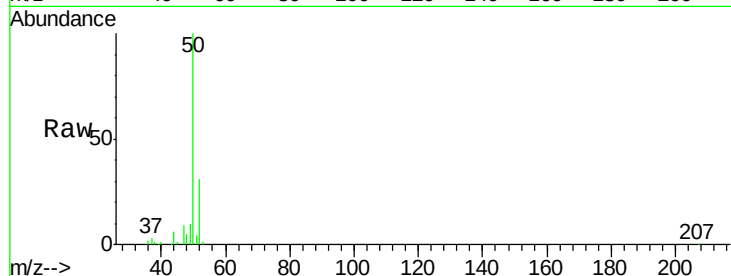
VSTDIC020

Tgt Ion: 50 Resp: 65283

Ion Ratio Lower Upper

50 100

52 31.3 25.8 38.8



#4

Vinyl Chloride

Concen: 17.384 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063740.D

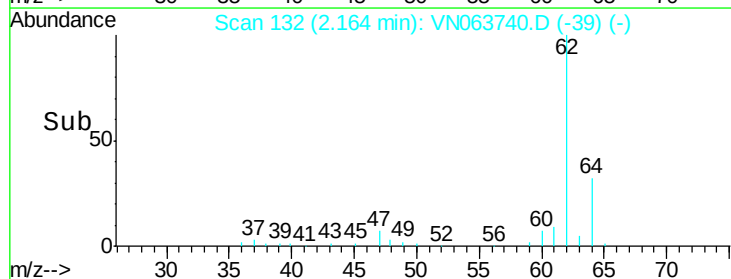
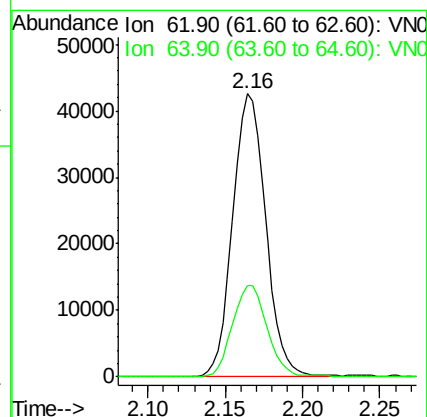
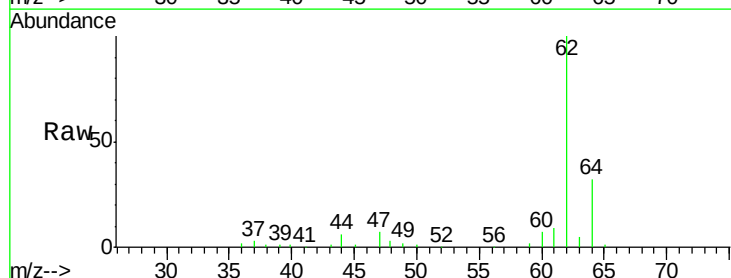
Acq: 30 Sep 2020 10:48

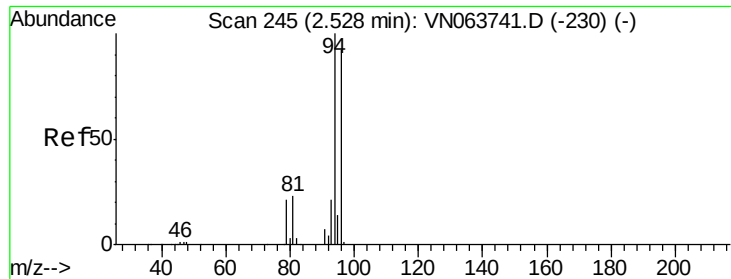
Tgt Ion: 62 Resp: 63085

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 19.470 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

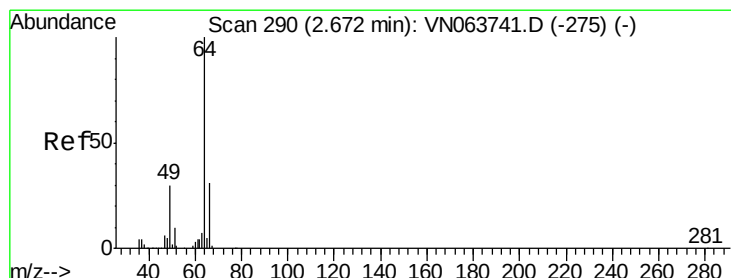
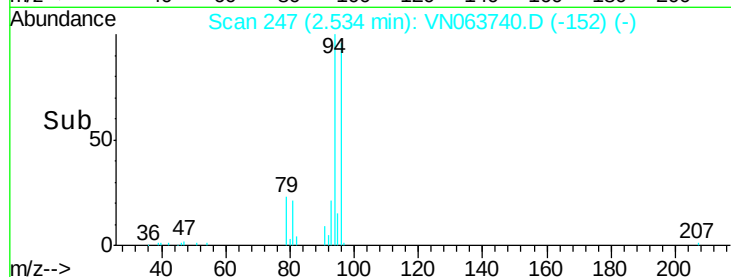
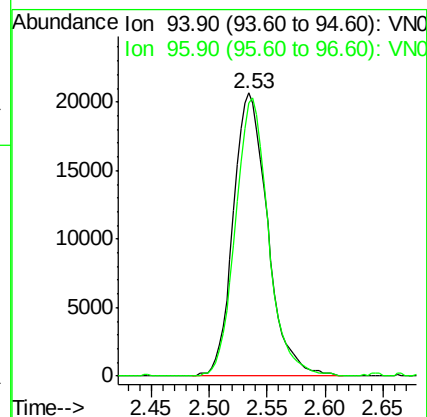
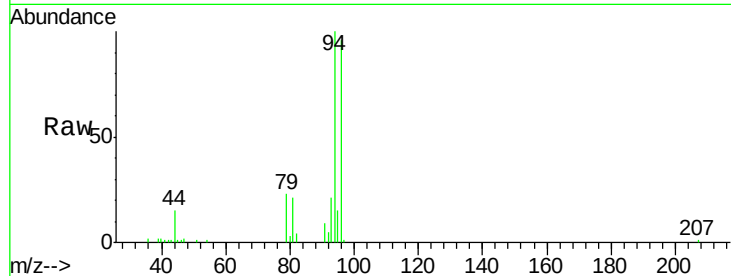
VSTDIC020

Tgt Ion: 94 Resp: 42480

Ion Ratio Lower Upper

94 100

96 96.4 73.3 109.9



#6

Chloroethane

Concen: 17.217 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063740.D

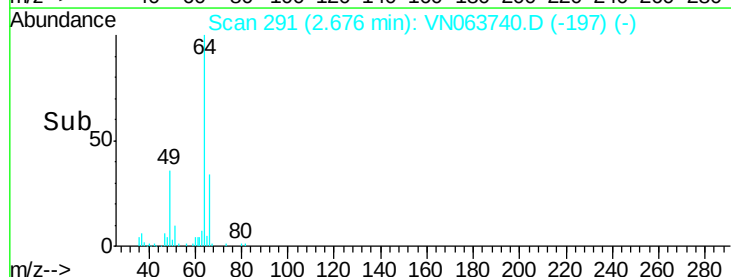
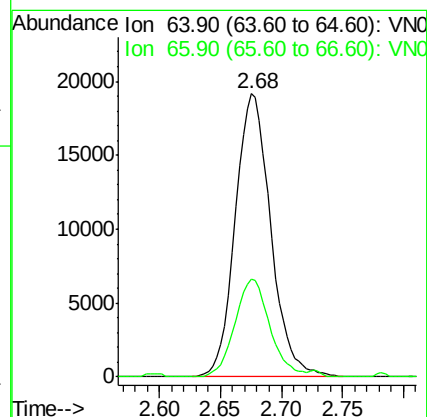
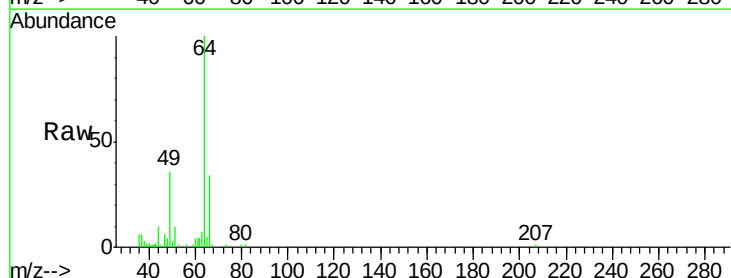
Acq: 30 Sep 2020 10:48

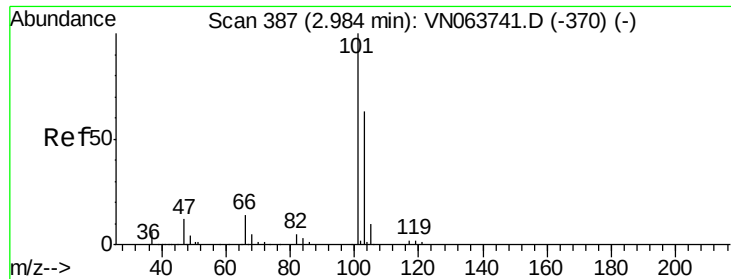
Tgt Ion: 64 Resp: 38774

Ion Ratio Lower Upper

64 100

66 34.3 25.1 37.7



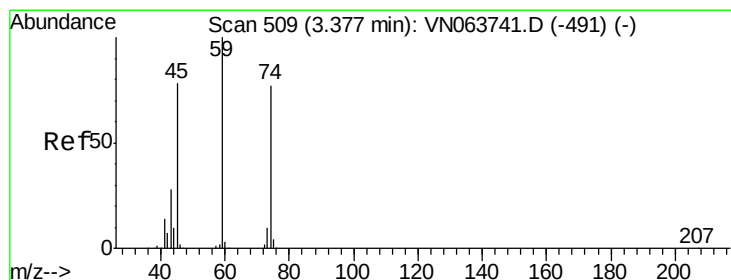
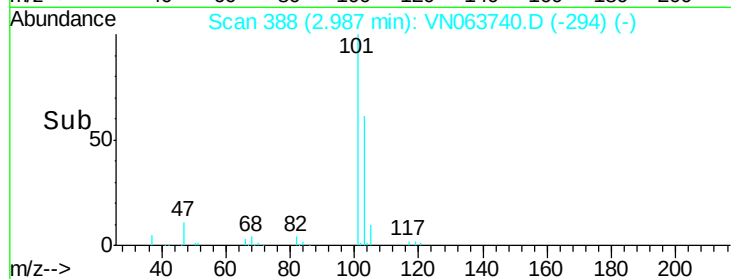
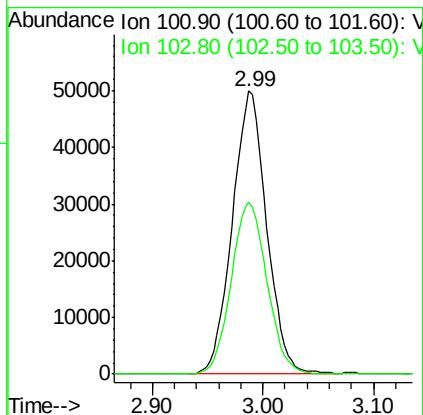
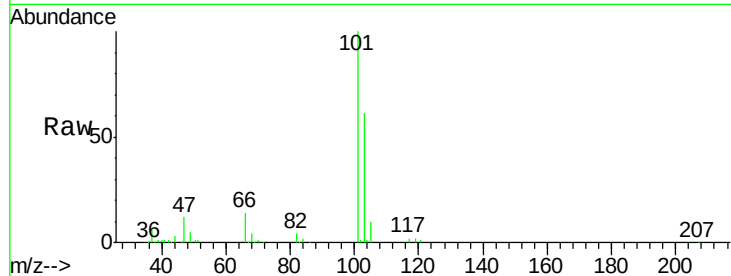


#7

Trichlorofluoromethane
 Concen: 19.616 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063740.D
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 MSVOA_N
 ClientSampled :
 VSTDIC020

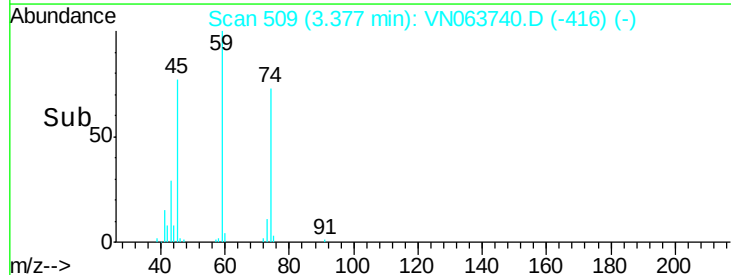
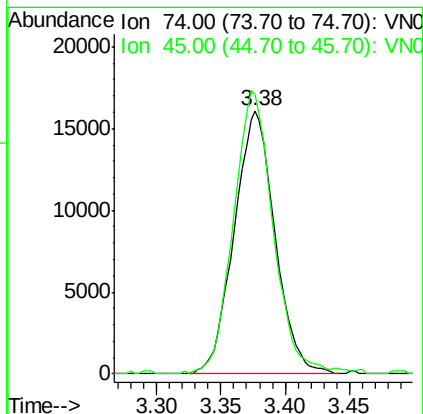
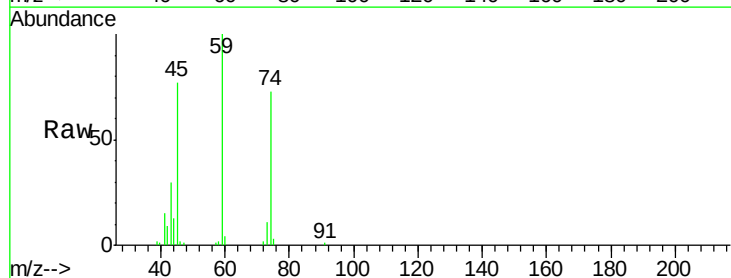
Tgt Ion:101 Resp: 107803
 Ion Ratio Lower Upper
 101 100
 103 60.7 50.7 76.1

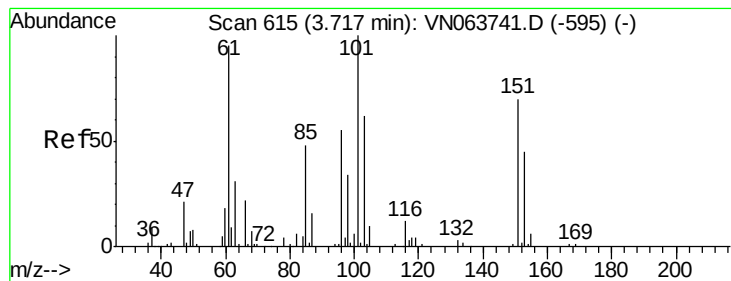


#8

Diethyl Ether
 Concen: 16.861 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 74 Resp: 35395
 Ion Ratio Lower Upper
 74 100
 45 104.6 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.229 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

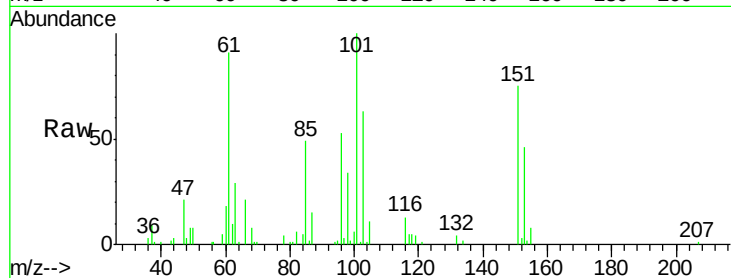
Tgt Ion:101 Resp: 55917

Ion Ratio Lower Upper

101 100

85 48.0 38.6 58.0

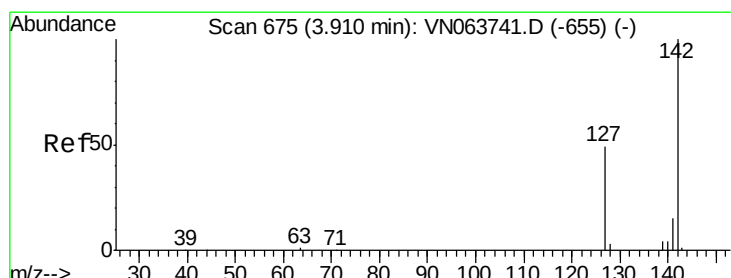
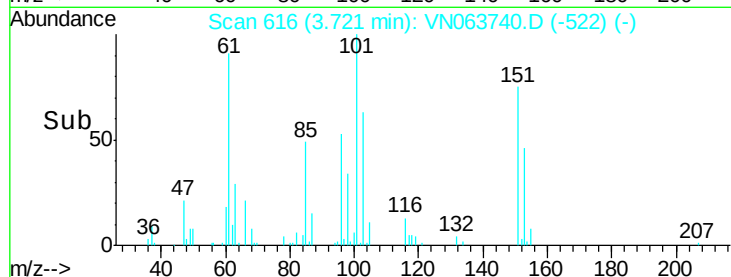
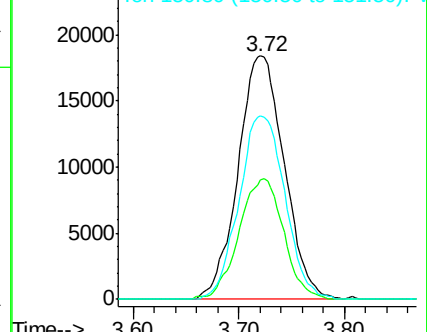
151 75.1 58.7 88.1



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: 16.194 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

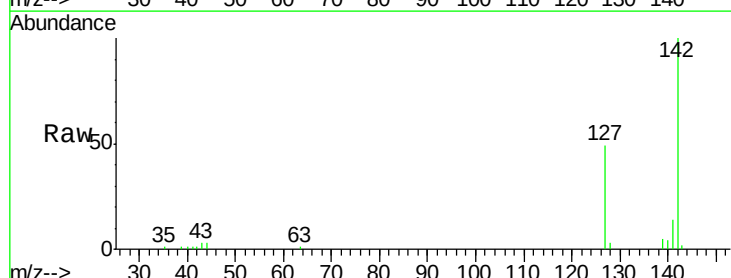
Tgt Ion:142 Resp: 63692

Ion Ratio Lower Upper

142 100

127 49.9 40.5 60.7

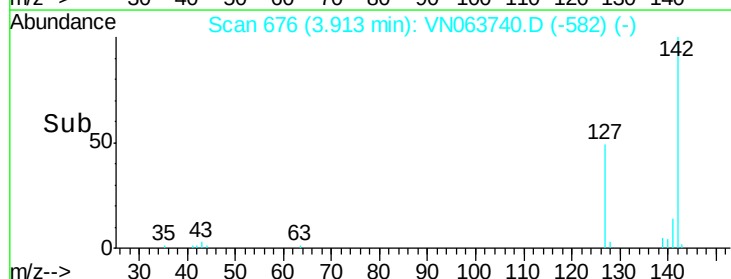
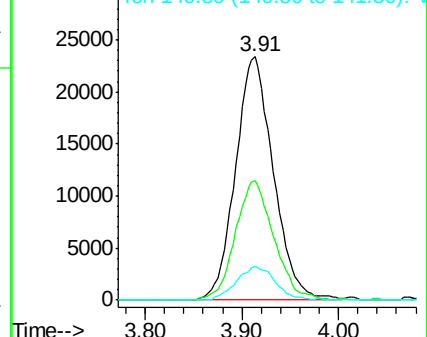
141 13.9 11.7 17.5

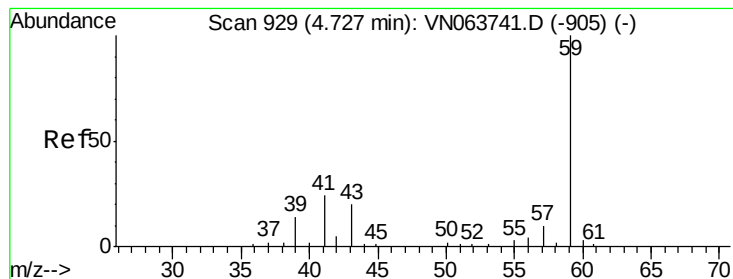


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 76.431 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

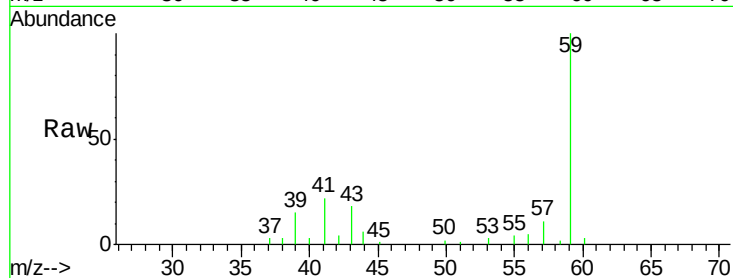
VSTDIC020

Tgt Ion: 59 Resp: 48253

Ion Ratio Lower Upper

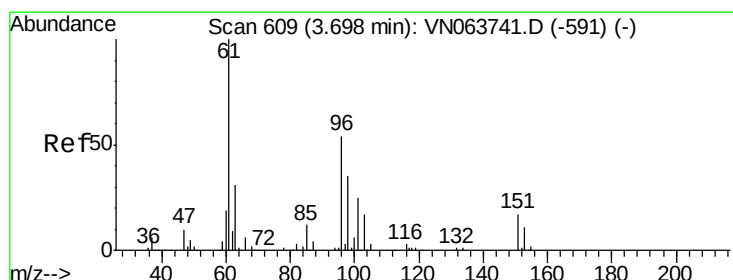
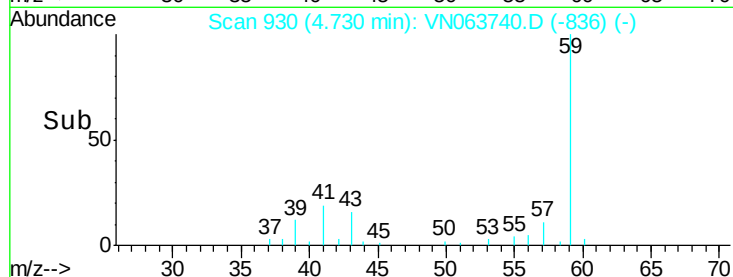
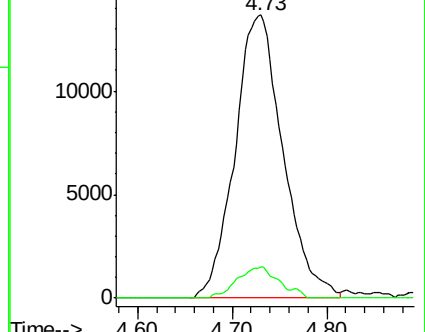
59 100

57 9.1 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VN063740.D (-836) (-)

Ion 57.00 (56.70 to 57.70): VN063740.D (-836) (-)



#12

1,1-Dichloroethene

Concen: 16.797 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

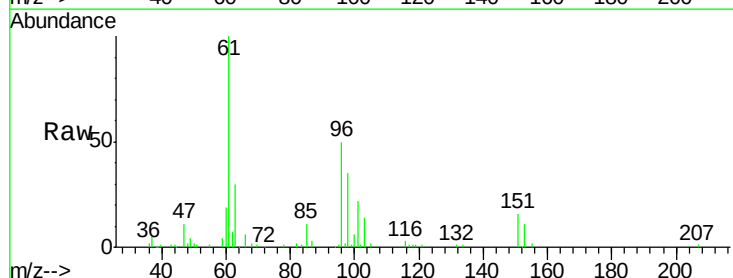
Tgt Ion: 96 Resp: 51637

Ion Ratio Lower Upper

96 100

61 197.2 147.7 221.5

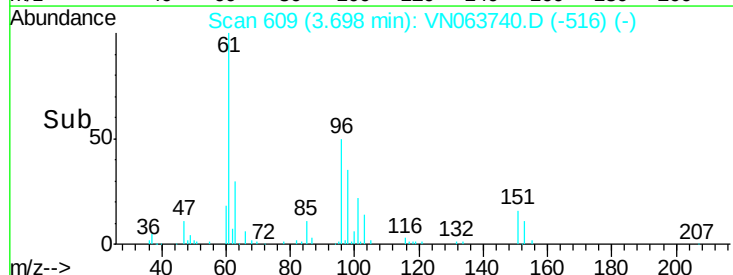
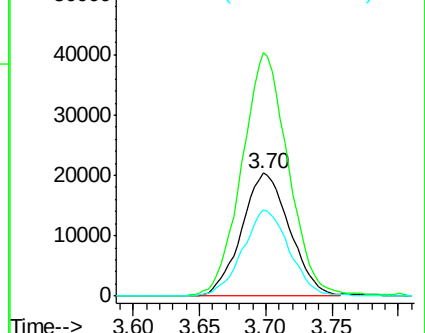
98 70.4 51.9 77.9

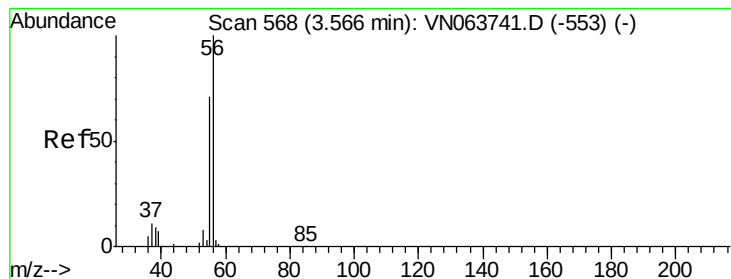


Abundance Ion 95.90 (95.60 to 96.60): VN063740.D (-516) (-)

Ion 60.90 (60.60 to 61.60): VN063740.D (-516) (-)

Ion 97.90 (97.60 to 98.60): VN063740.D (-516) (-)





#13

Acrolein

Concen: 113.740 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

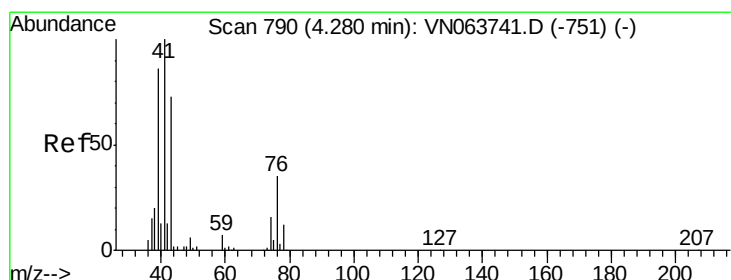
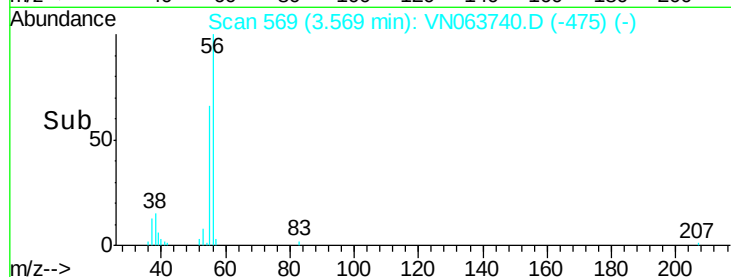
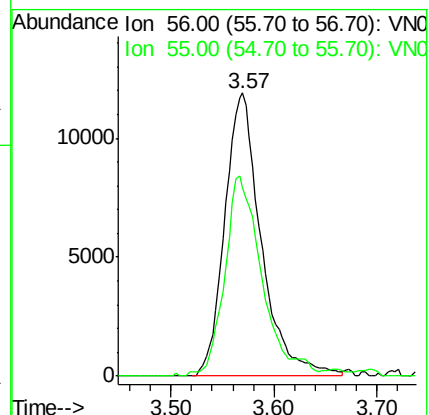
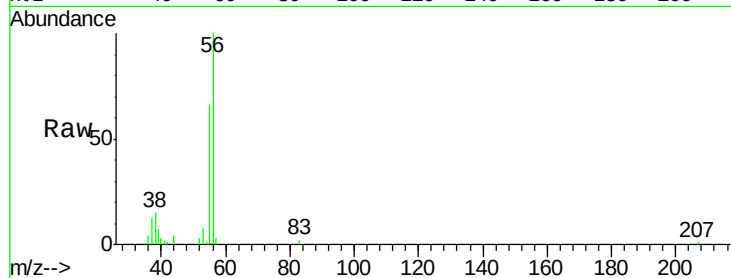
VSTDIC020

Tgt Ion: 56 Resp: 29340

Ion Ratio Lower Upper

56 100

55 69.1 56.9 85.3



#14

Allyl chloride

Concen: 16.728 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

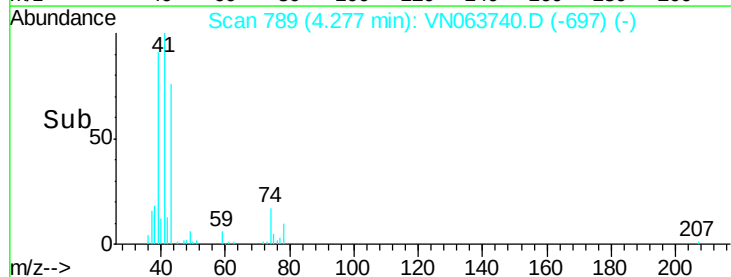
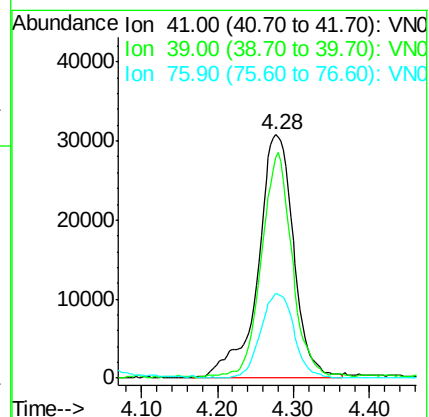
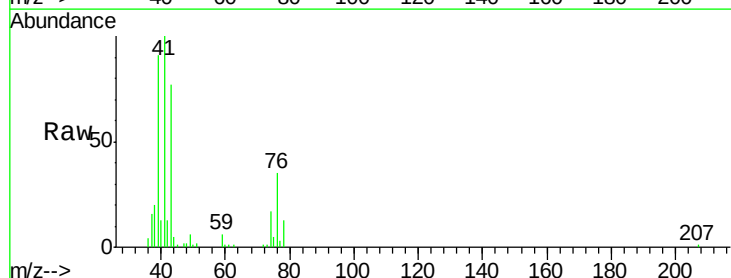
Tgt Ion: 41 Resp: 100939

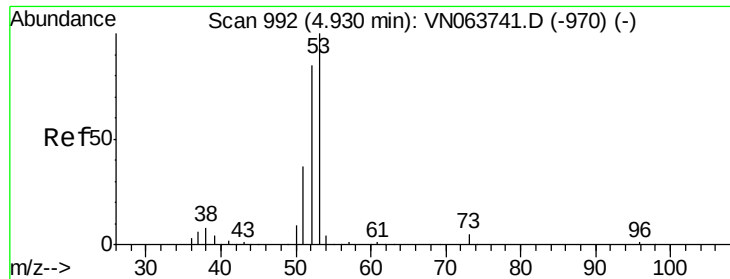
Ion Ratio Lower Upper

41 100

39 79.6 64.5 96.7

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 86.245 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

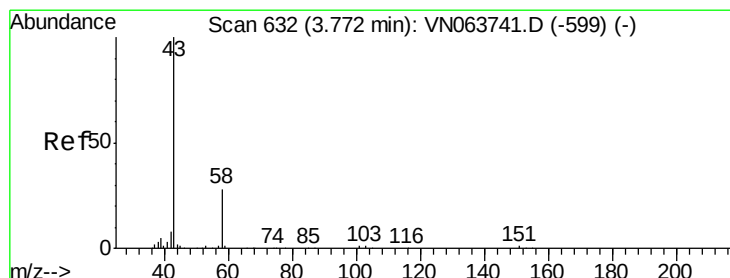
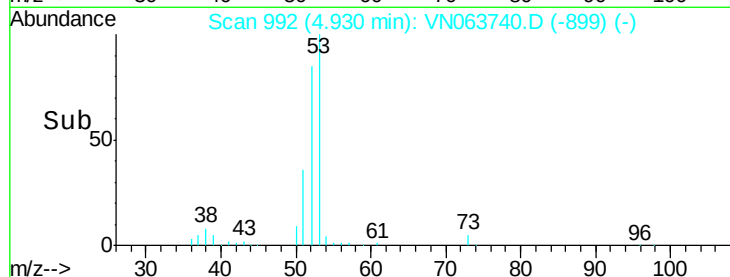
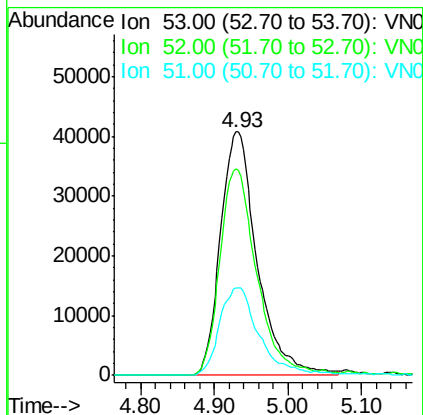
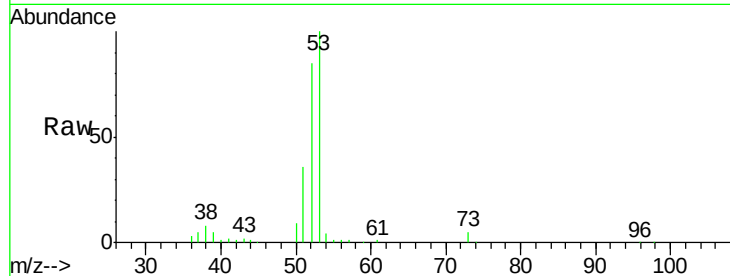
Tgt Ion: 53 Resp: 141263

Ion Ratio Lower Upper

53 100

52 84.4 66.5 99.7

51 37.9 29.9 44.9



#16

Acetone

Concen: 88.082 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063740.D

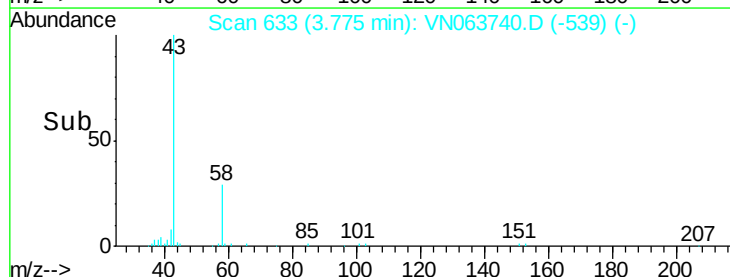
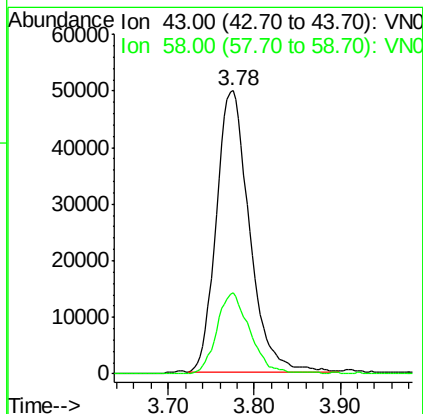
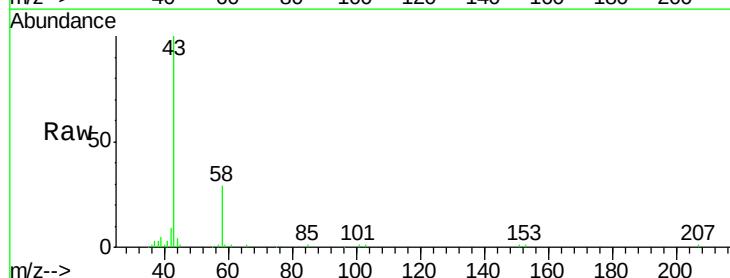
Acq: 30 Sep 2020 10:48

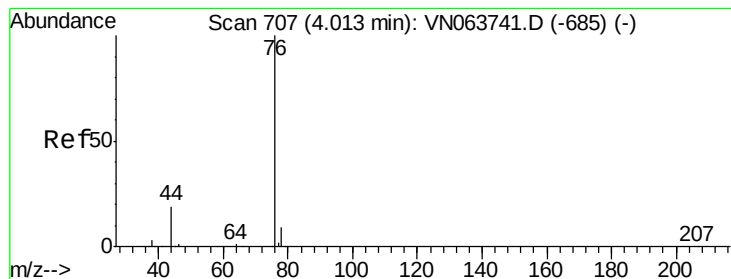
Tgt Ion: 43 Resp: 133594

Ion Ratio Lower Upper

43 100

58 28.8 22.3 33.5





#17

Carbon Disulfide

Concen: 16.300 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

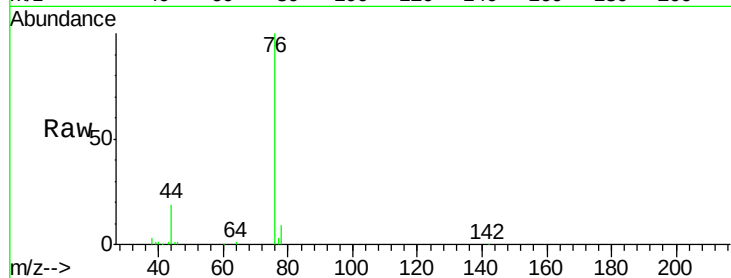
VSTDIC020

Tgt Ion: 76 Resp: 144708

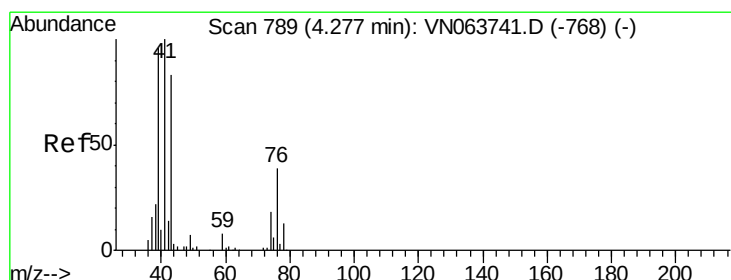
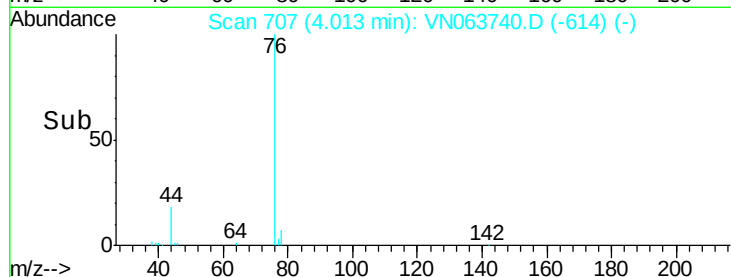
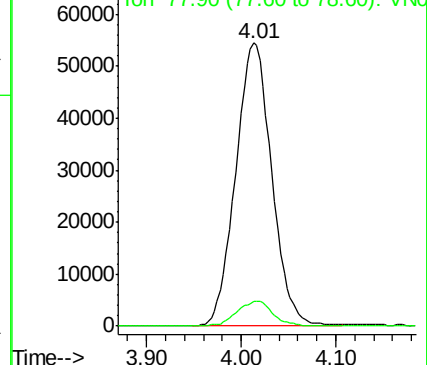
Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063740.D (-614) (-)



#18

Methyl Acetate

Concen: 18.300 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063740.D

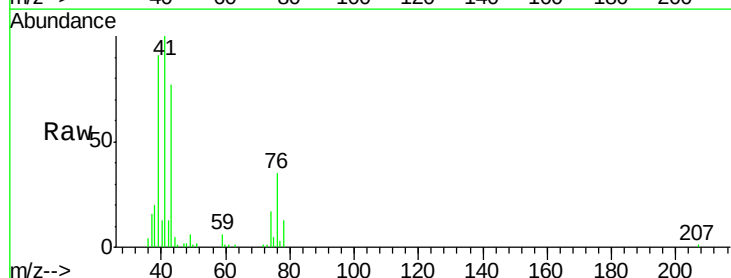
Acq: 30 Sep 2020 10:48

Tgt Ion: 43 Resp: 70052

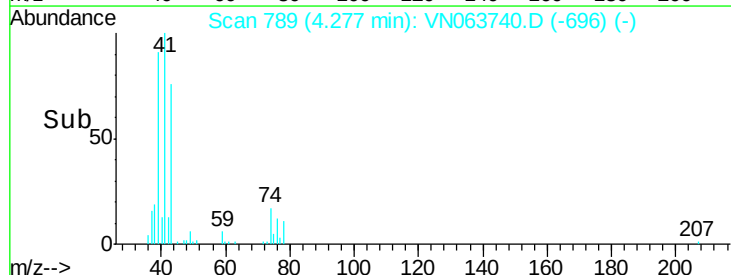
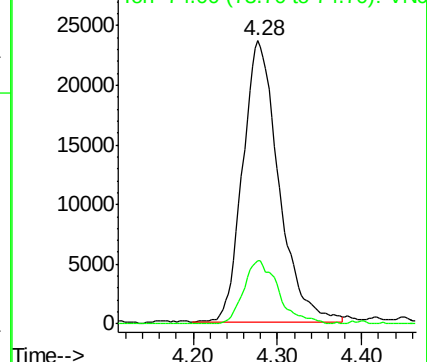
Ion Ratio Lower Upper

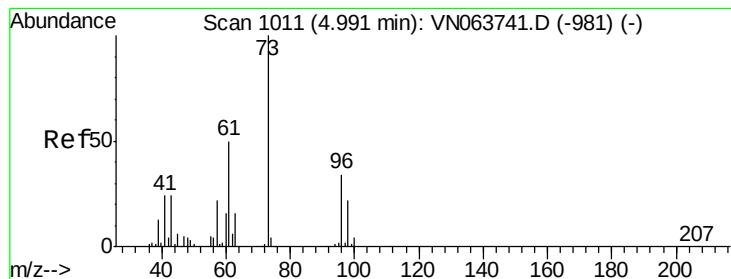
43 100

74 21.8 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063740.D (-696) (-)





#19

Methyl tert-butyl Ether

Concen: 17.049 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

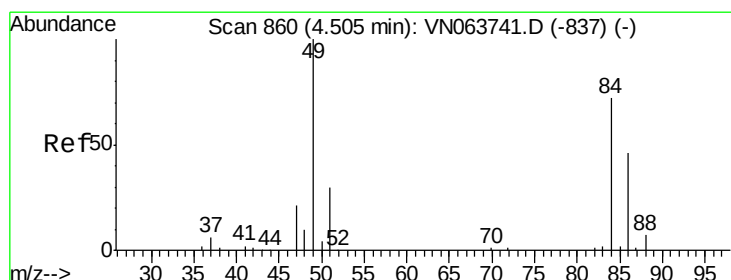
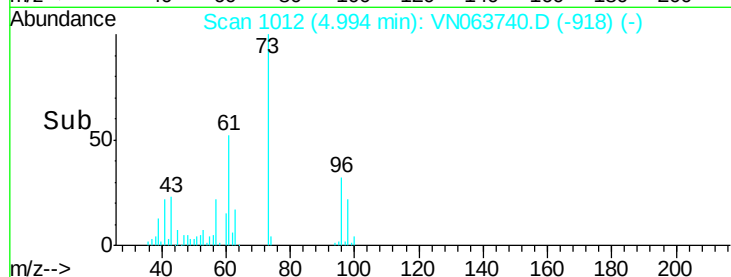
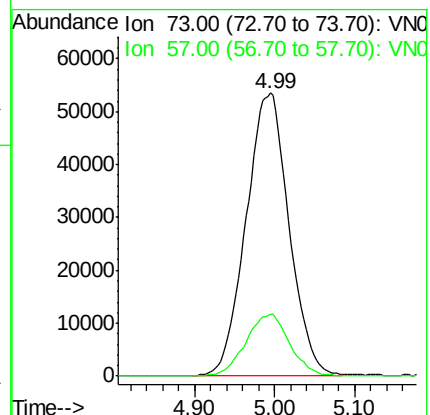
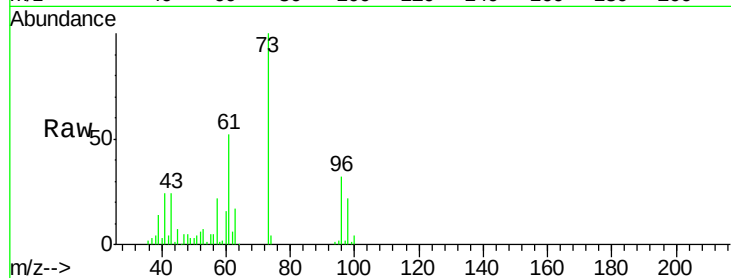
VSTDIC020

Tgt Ion: 73 Resp: 196403

Ion Ratio Lower Upper

73 100

57 22.1 17.6 26.4



#20

Methylene Chloride

Concen: 17.152 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Tgt Ion: 84 Resp: 65228

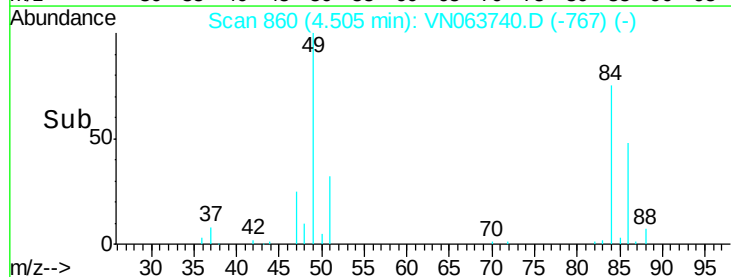
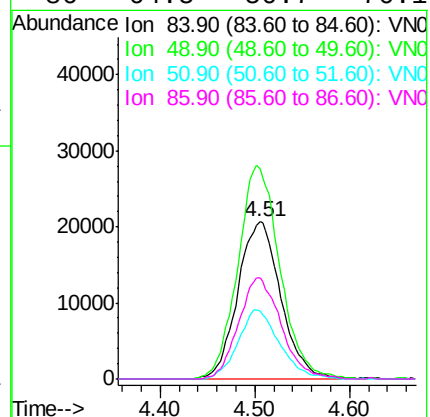
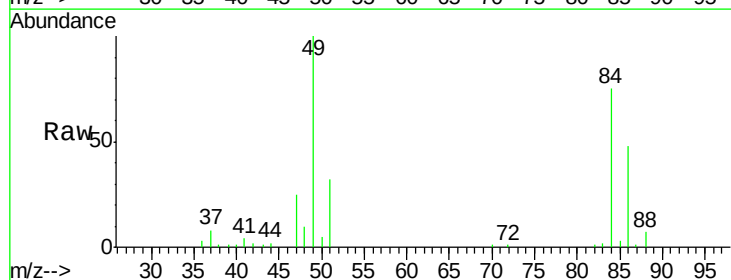
Ion Ratio Lower Upper

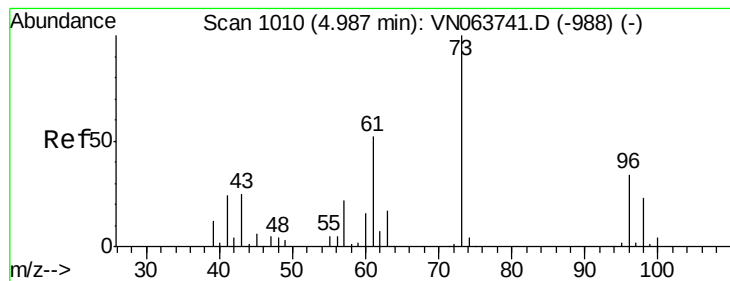
84 100

49 133.5 110.4 165.6

51 42.9 33.3 49.9

86 64.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 16.985 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

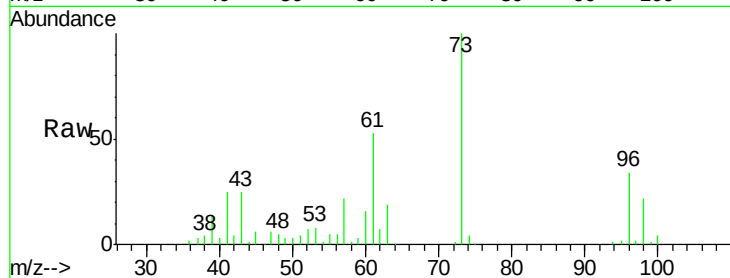
Tgt Ion: 96 Resp: 58011

Ion Ratio Lower Upper

96 100

61 157.3 120.2 180.2

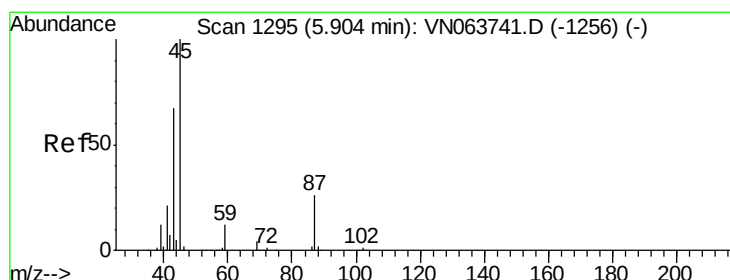
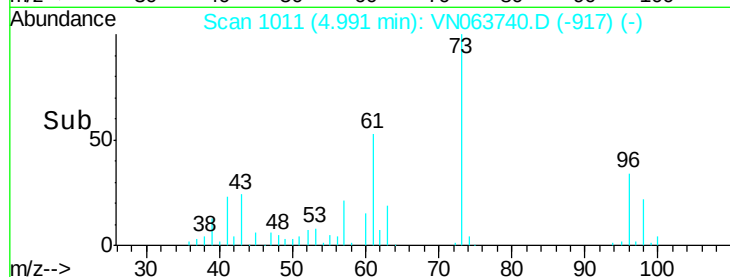
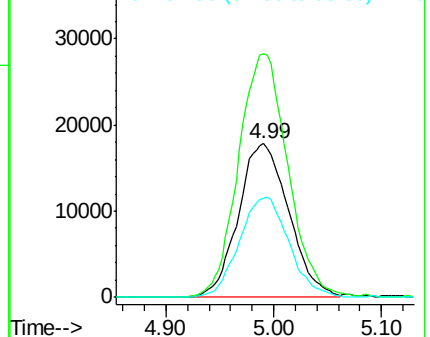
98 64.7 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063740.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN063740.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN063740.D (-917) (-)



#22

Diisopropyl ether

Concen: 17.101 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Tgt Ion: 45 Resp: 212714

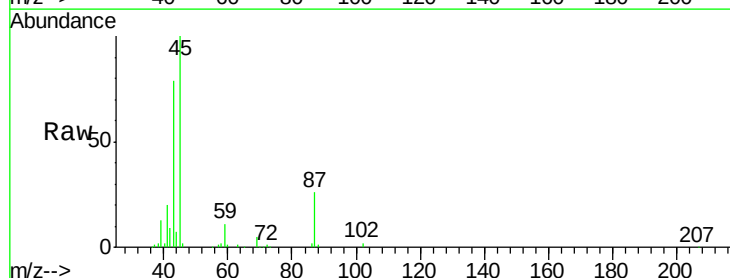
Ion Ratio Lower Upper

45 100

43 76.7 53.7 80.5

87 26.0 21.1 31.7

59 11.1 9.2 13.8

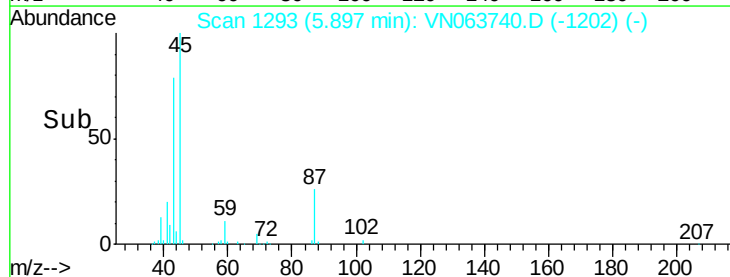
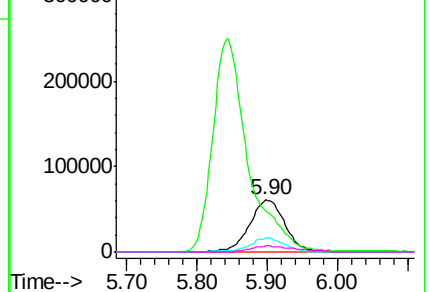


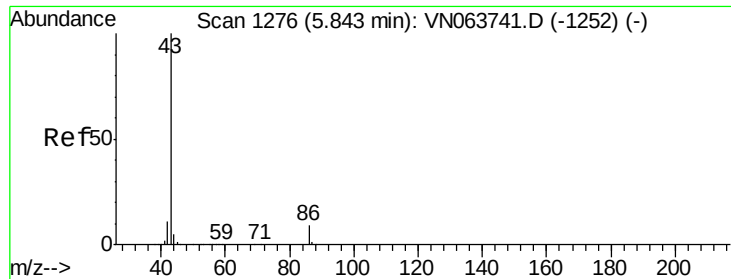
Abundance Ion 45.00 (44.70 to 45.70): VN063740.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063740.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063740.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063740.D (-1202) (-)

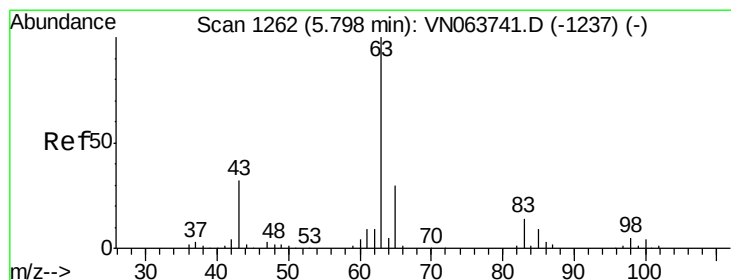
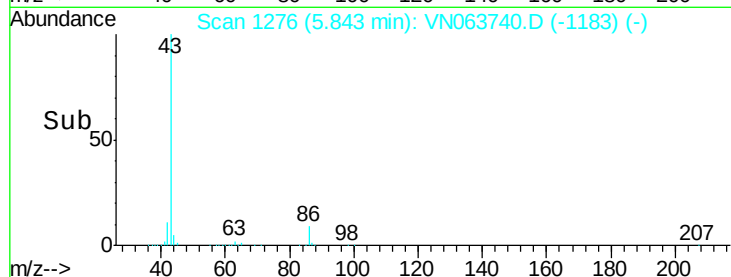
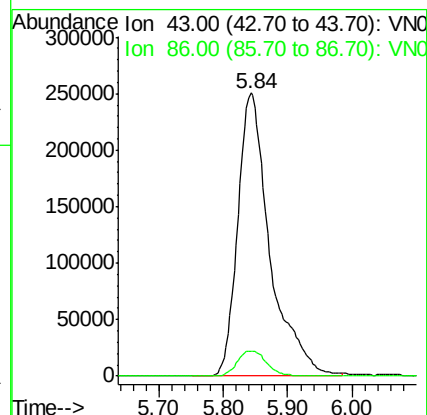
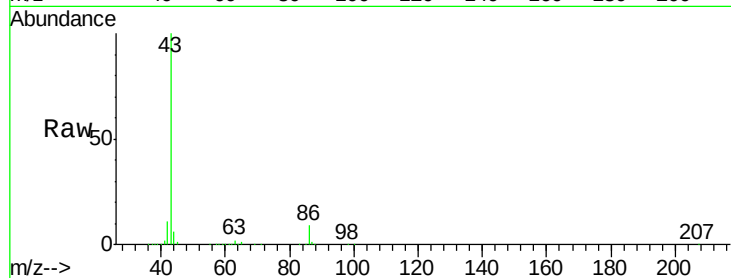




#23
 Vinyl Acetate
 Concen: 85.358 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

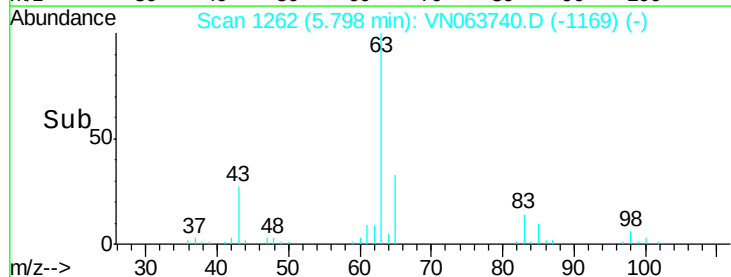
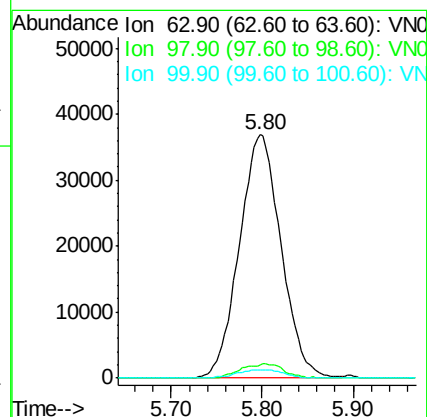
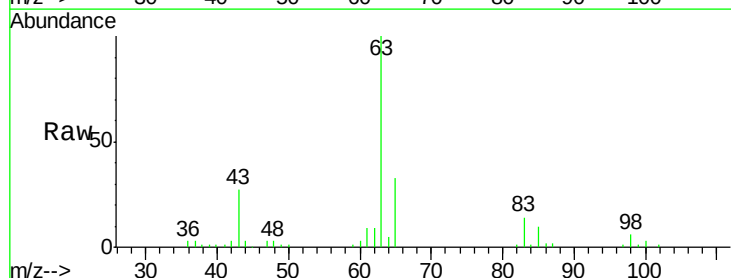
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

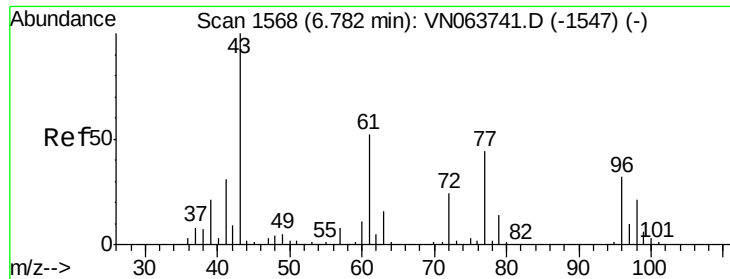
Tgt Ion: 43 Resp: 869650
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 17.274 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 63 Resp: 117342
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.7 8.1
 100 3.5 1.9 5.7

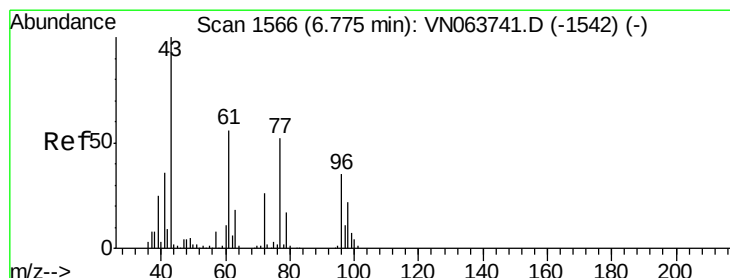
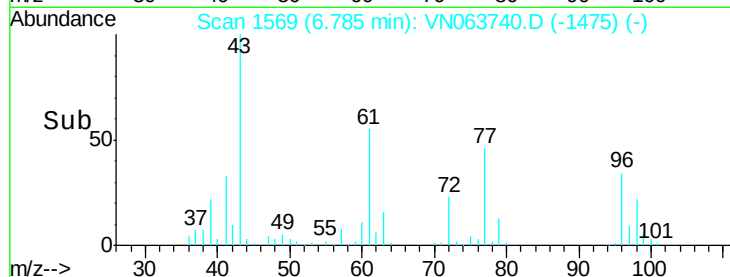
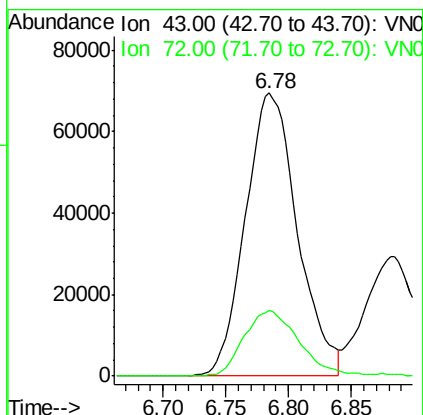
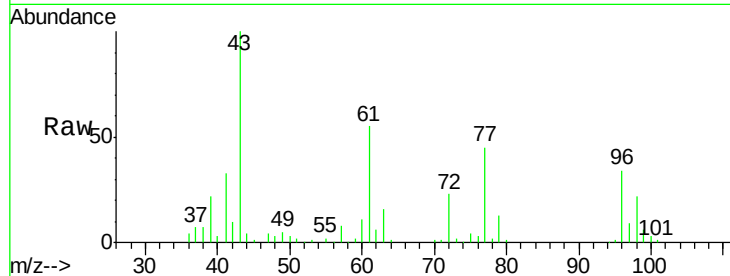




#25
2-Butanone
Concen: 86.654 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

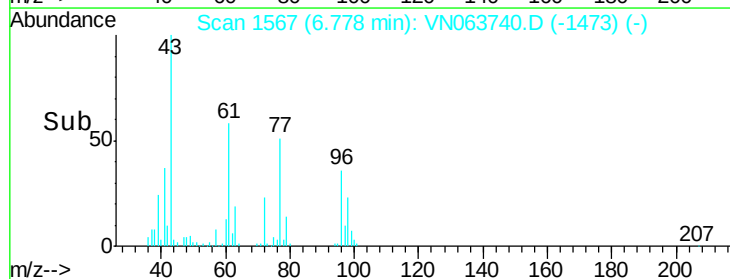
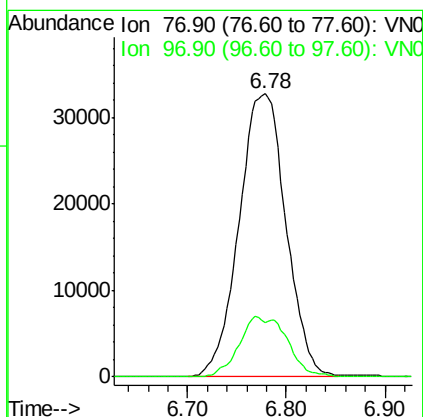
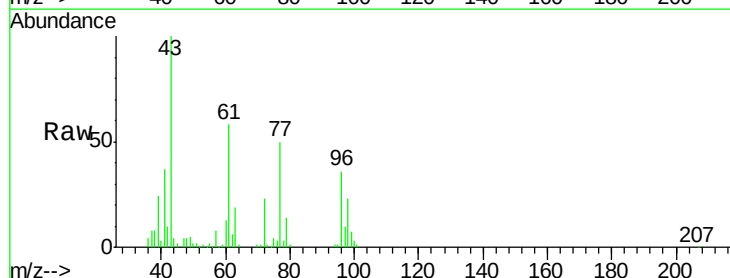
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

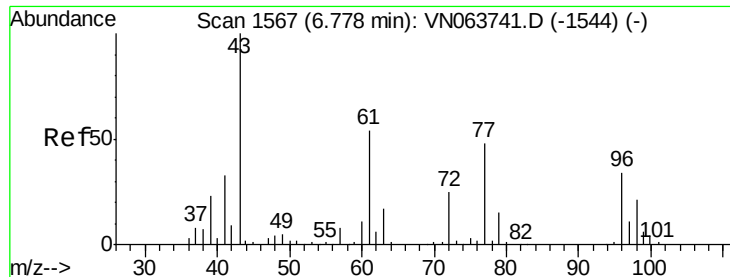
Tgt Ion: 43 Resp: 199607
Ion Ratio Lower Upper
43 100
72 23.2 19.3 28.9



#26
2,2-Dichloropropane
Concen: 17.861 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

Tgt Ion: 77 Resp: 107744
Ion Ratio Lower Upper
77 100
97 11.8 10.8 32.3

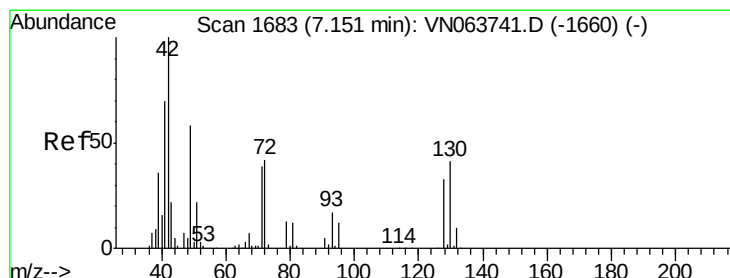
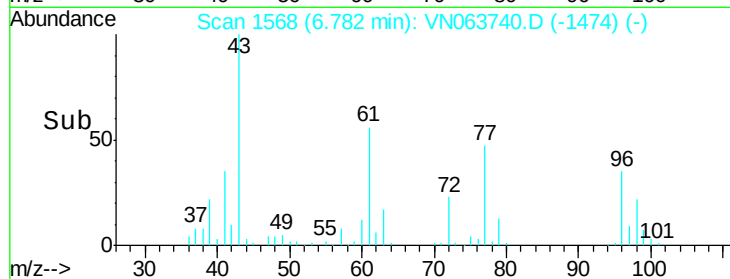
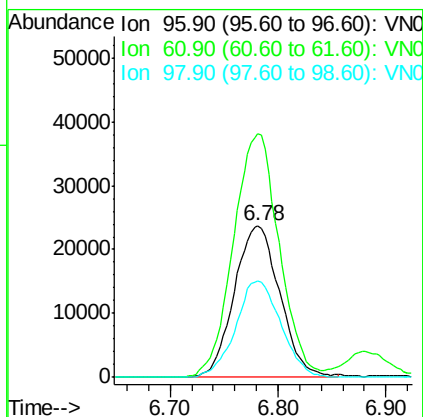
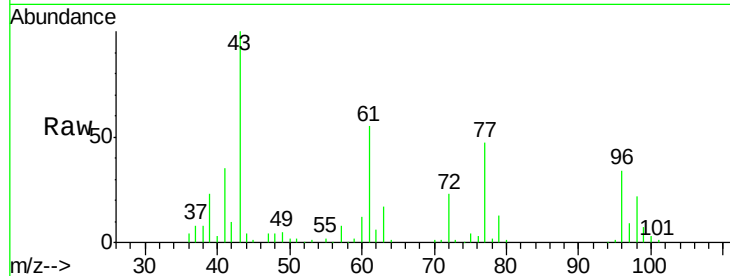




#27
 cis-1,2-Dichloroethene
 Concen: 17.954 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

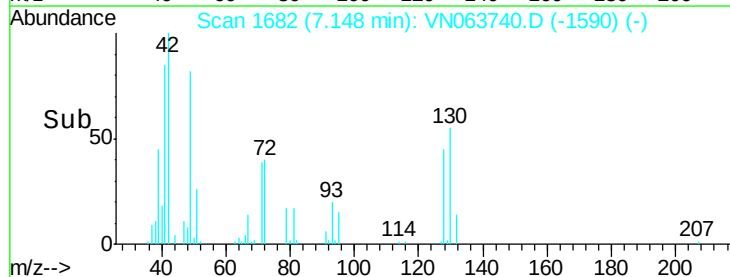
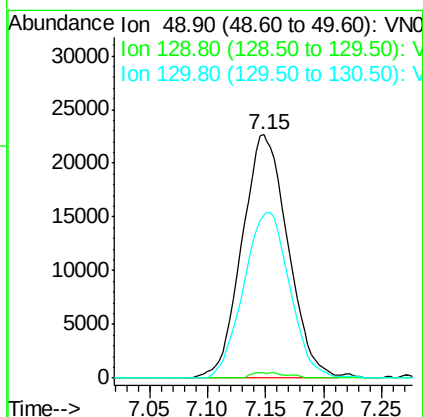
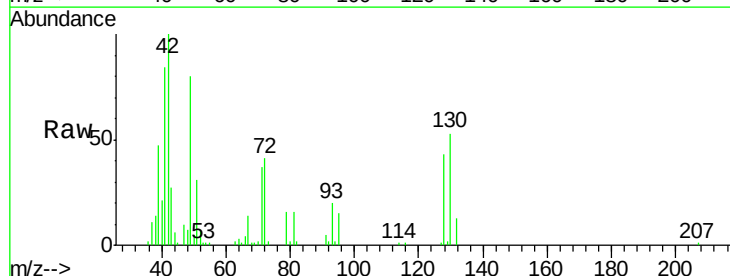
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

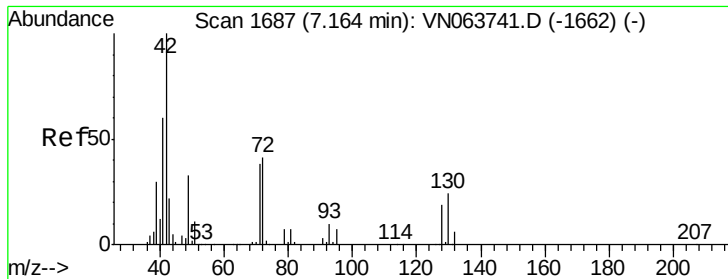
Tgt Ion: 96 Resp: 69438
 Ion Ratio Lower Upper
 96 100
 61 162.2 0.0 321.2
 98 63.5 0.0 124.4



#28
 Bromochloromethane
 Concen: 19.479 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 49 Resp: 62415
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.8
 130 68.1 55.6 83.4





#29

Tetrahydrofuran

Concen: 84.574 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

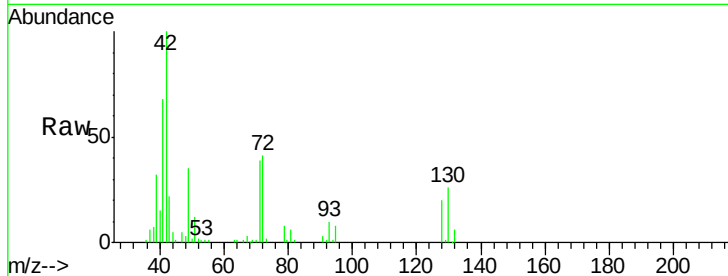
Tgt Ion: 42 Resp: 132971

Ion Ratio Lower Upper

42 100

72 41.0 32.8 49.2

71 38.1 30.6 45.8

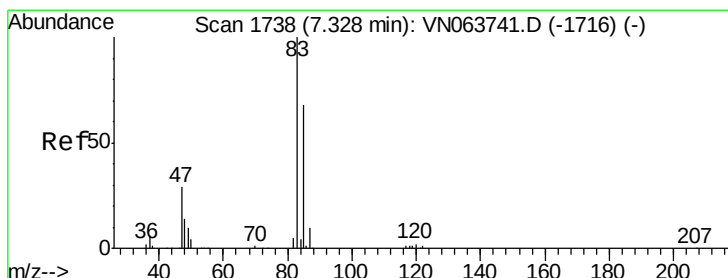
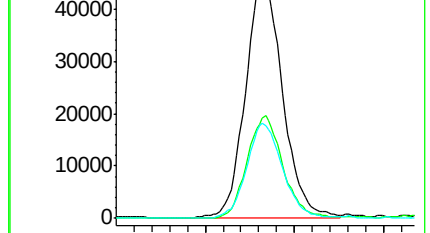
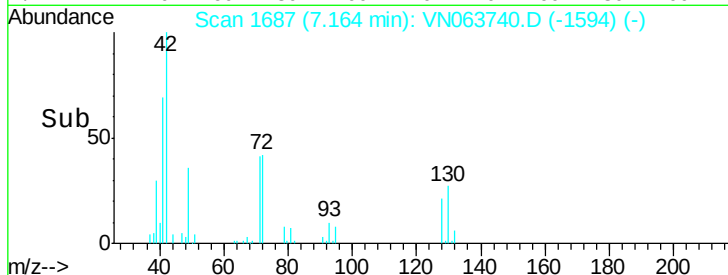


Abundance Ion 42.00 (41.70 to 42.70): VN063740.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN063740.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN063740.D (-1662) (-)

Time-->



#30

Chloroform

Concen: 18.259 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063740.D

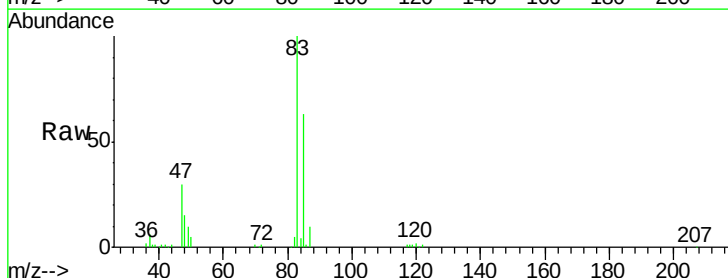
Acq: 30 Sep 2020 10:48

Tgt Ion: 83 Resp: 125303

Ion Ratio Lower Upper

83 100

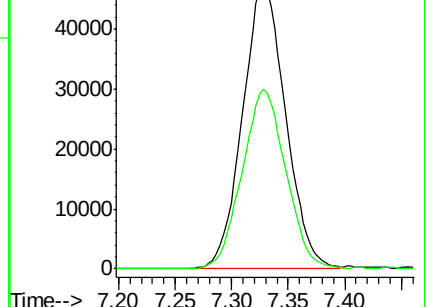
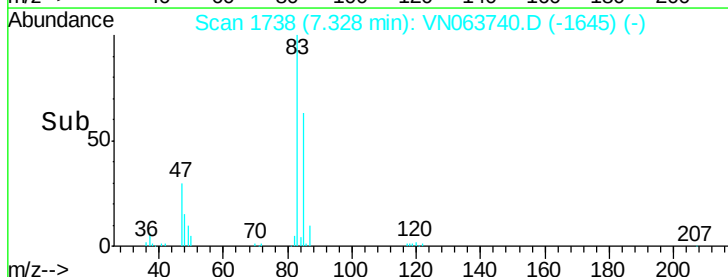
85 63.3 54.6 82.0

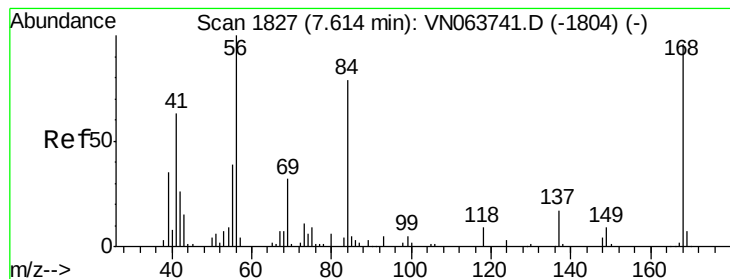


Abundance Ion 82.90 (82.60 to 83.60): VN063740.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN063740.D (-1645) (-)

Time-->





#31

Cyclohexane

Concen: 16.297 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

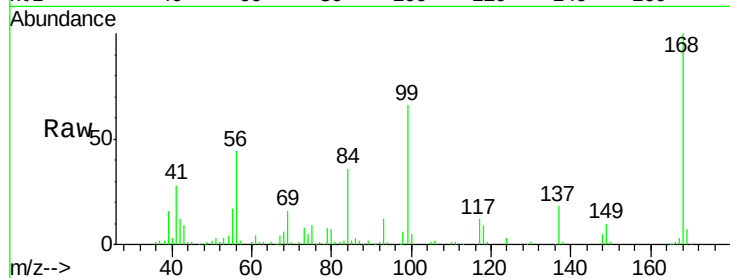
Tgt Ion: 56 Resp: 103129

Ion Ratio Lower Upper

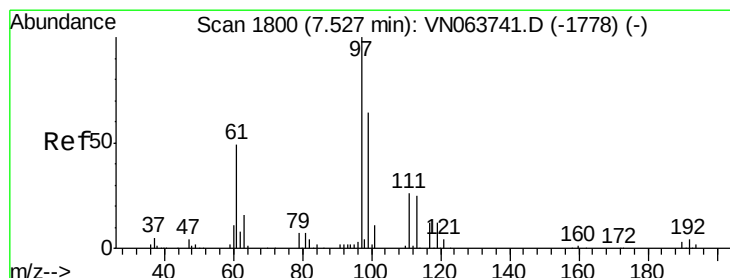
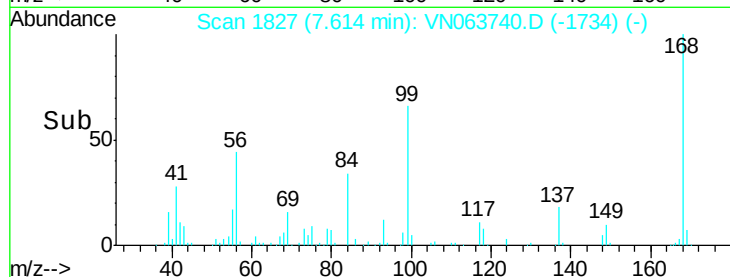
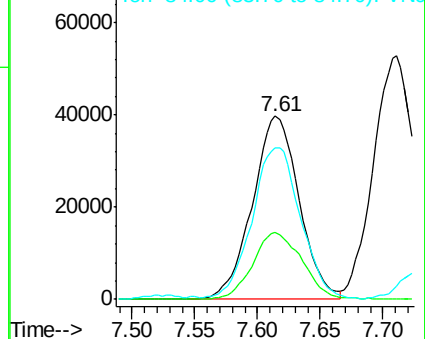
56 100

69 36.3 25.4 38.2

84 81.2 63.3 94.9



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



#32

1,1,1-Trichloroethane

Concen: 18.200 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

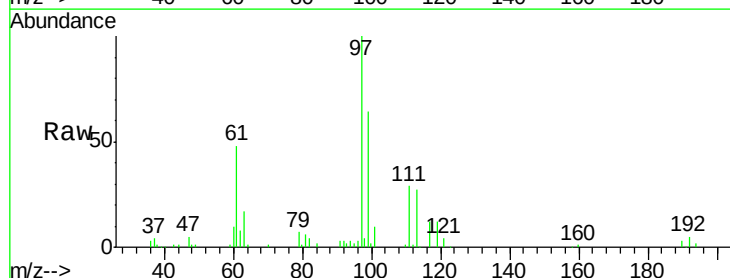
Tgt Ion: 97 Resp: 111827

Ion Ratio Lower Upper

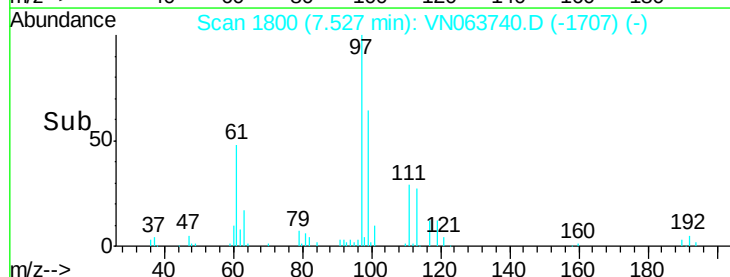
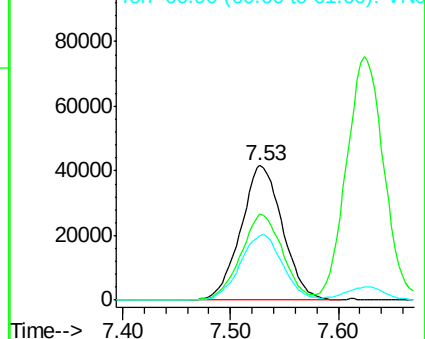
97 100

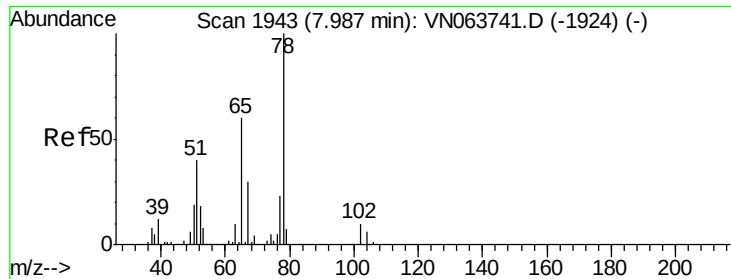
99 63.6 51.0 76.6

61 49.6 38.7 58.1



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

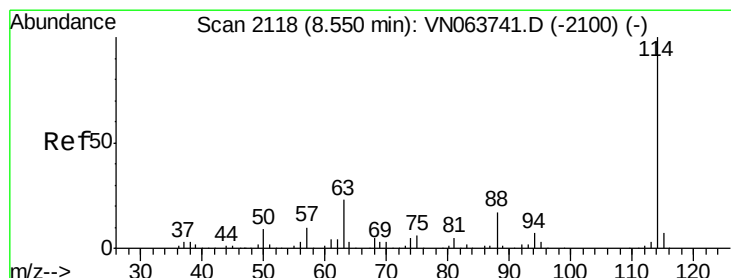
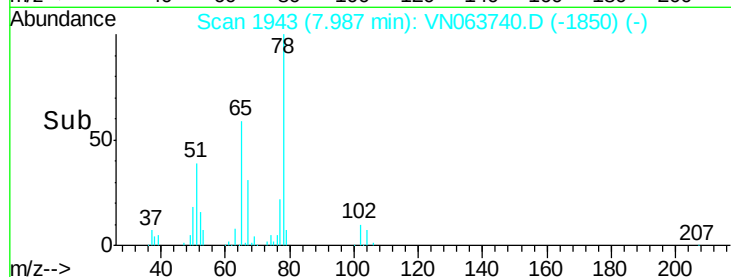
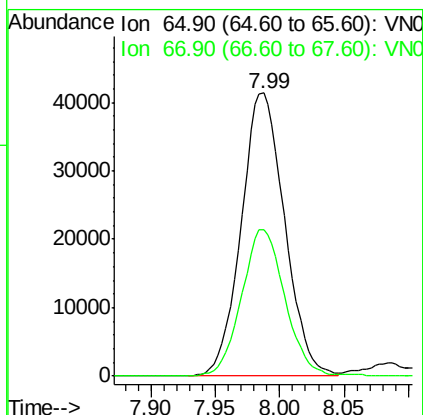
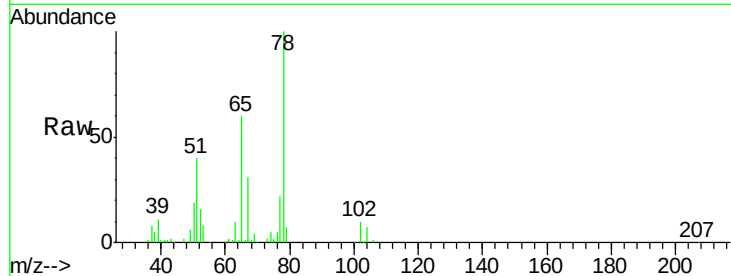




#33
 1,2-Dichloroethane-d4
 Concen: 20.427 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

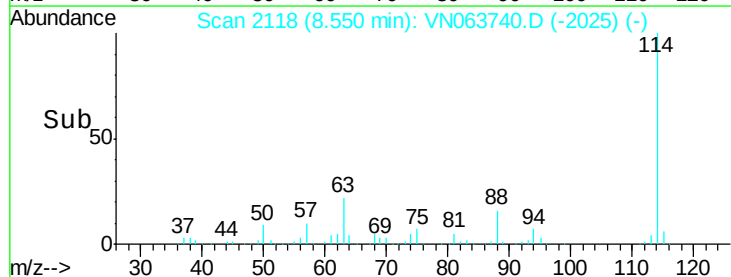
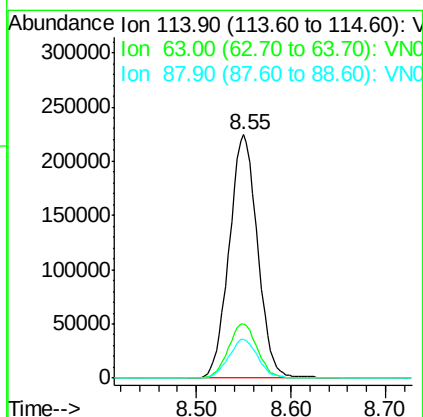
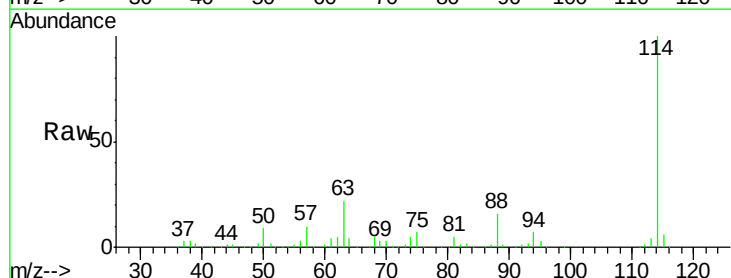
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

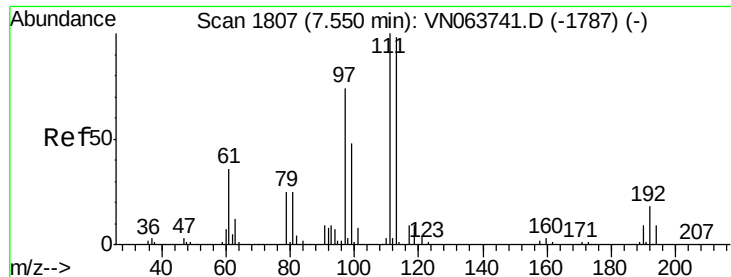
Tgt Ion: 65 Resp: 96980
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 114 Resp: 466566
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 16.0 0.0 34.0

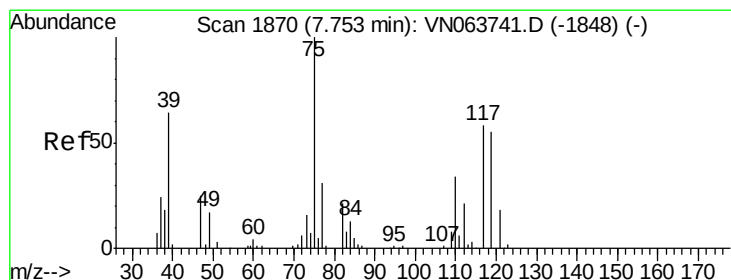
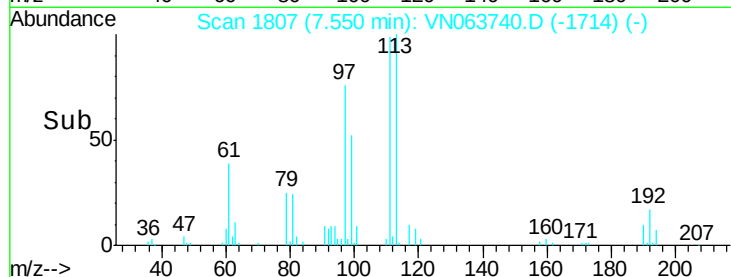
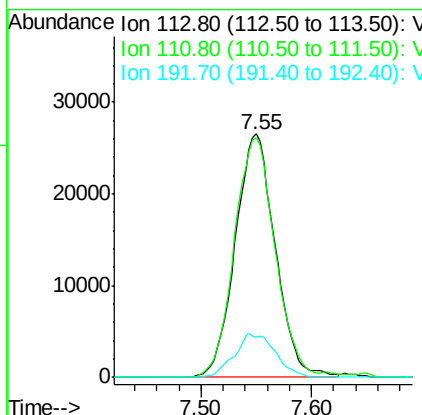
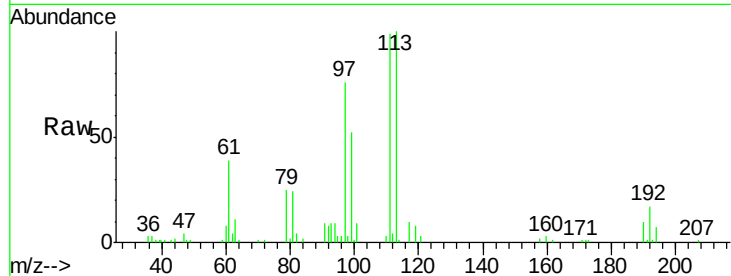




#35
 Dibromofluoromethane
 Concen: 20.562 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

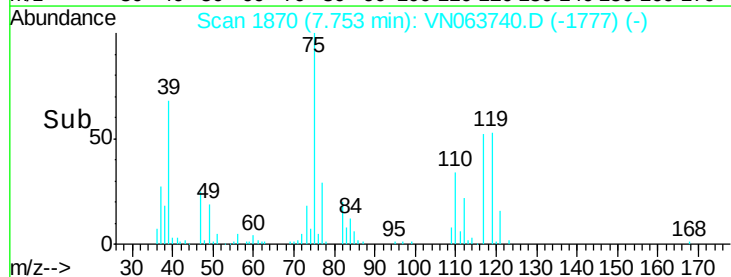
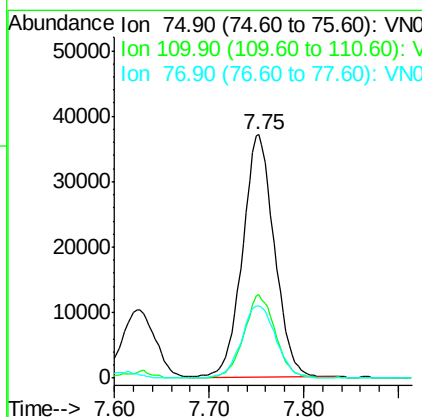
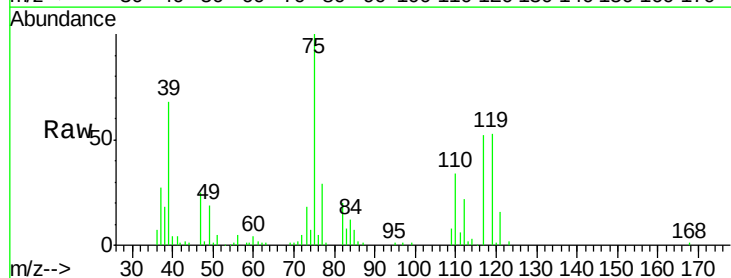
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

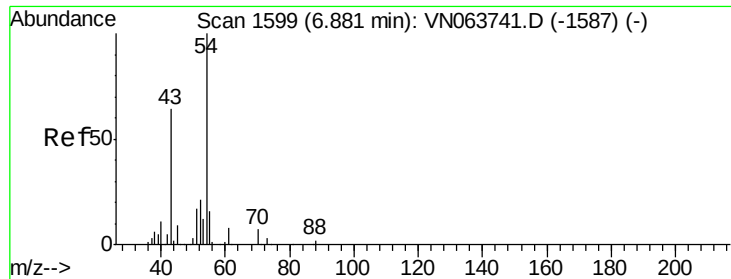
Tgt Ion: 113 Resp: 66630
 Ion Ratio Lower Upper
 113 100
 111 99.9 81.8 122.8
 192 18.2 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 17.731 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 75 Resp: 86815
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 32.1 24.5 36.7

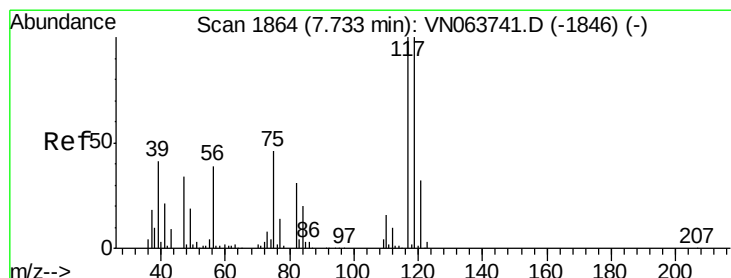
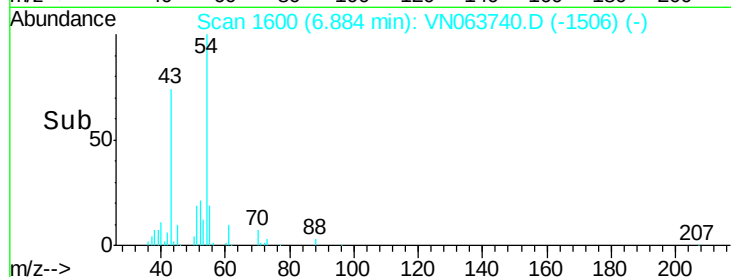
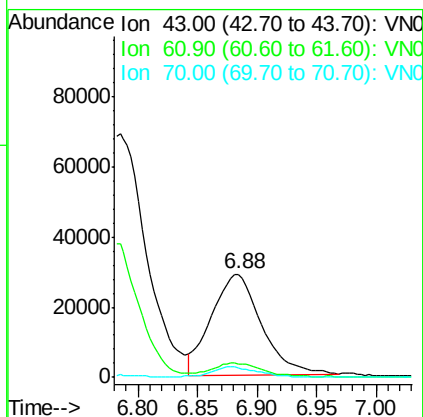
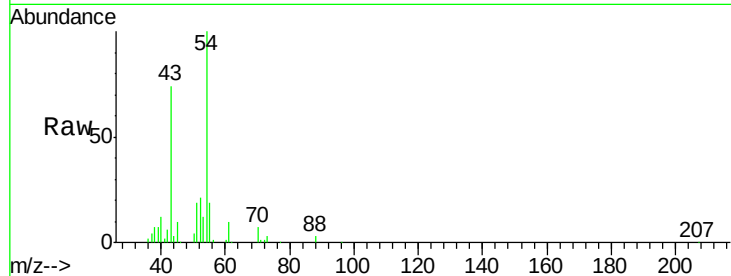




#37
Ethyl Acetate
 Concen: 17.468 ug/l
 RT: 6.88 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

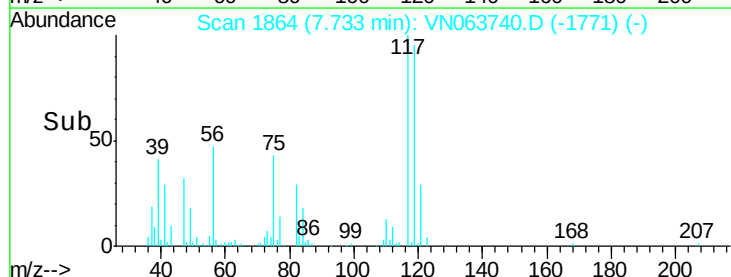
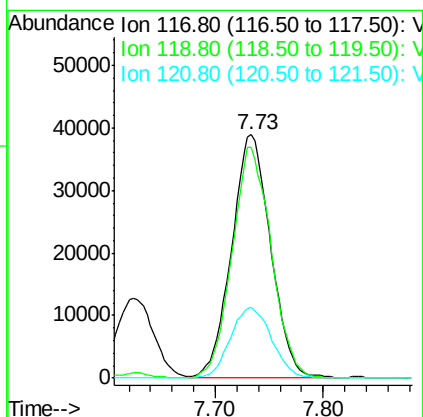
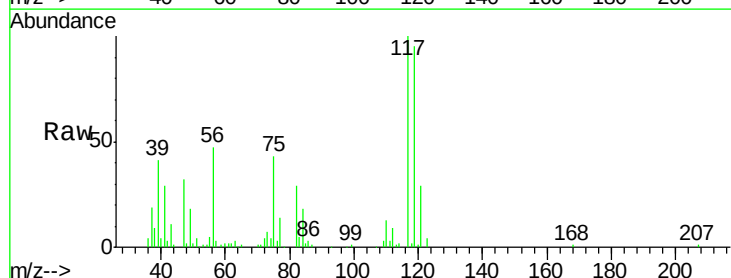
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

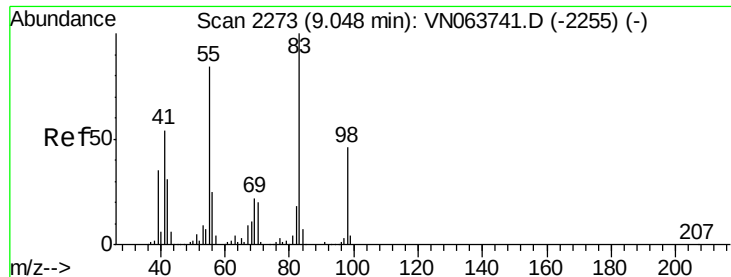
Tgt Ion: 43 Resp: 83599
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.4 15.6
 70 10.0 7.3 10.9



#38
Carbon Tetrachloride
 Concen: 19.451 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 117 Resp: 98191
 Ion Ratio Lower Upper
 117 100
 119 94.6 80.1 120.1
 121 29.0 25.7 38.5

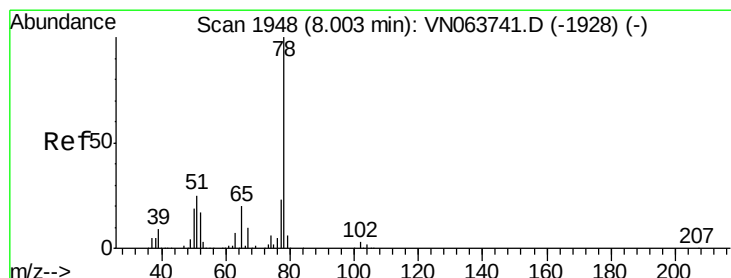
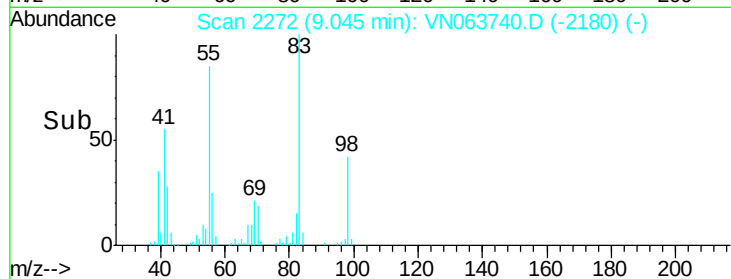
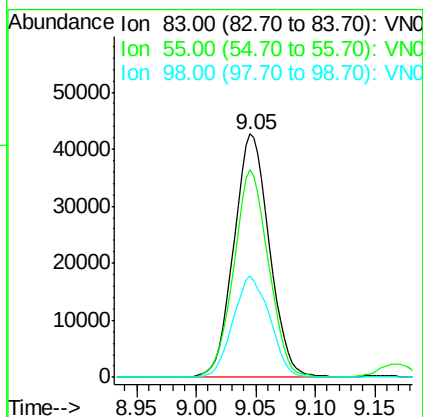
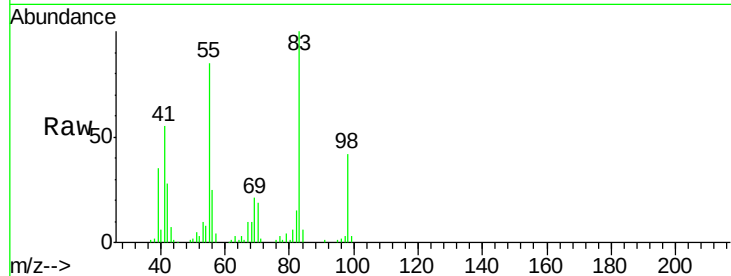




#39
Methylcyclohexane
Concen: 16.800 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

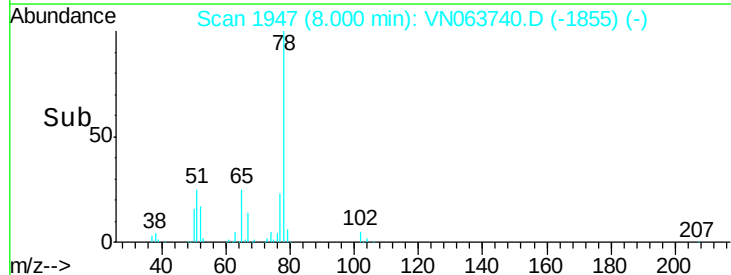
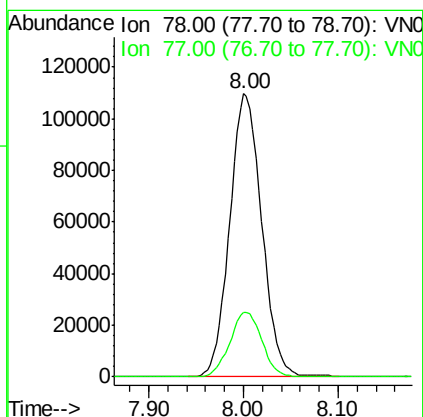
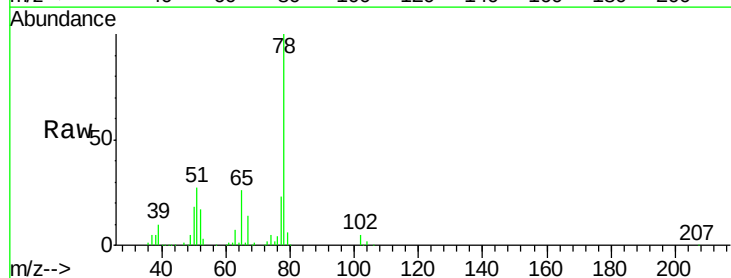
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

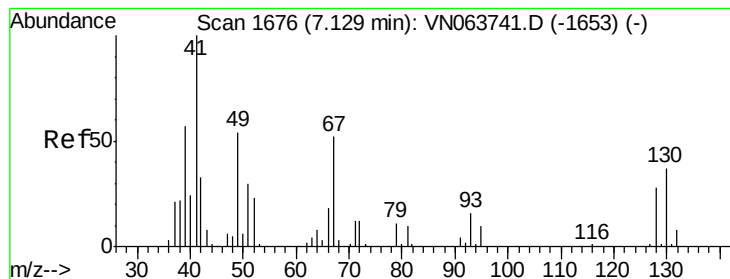
Tgt Ion: 83 Resp: 88505
Ion Ratio Lower Upper
83 100
55 85.3 67.1 100.7
98 41.8 36.6 54.8



#40
Benzene
Concen: 18.484 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

Tgt Ion: 78 Resp: 258351
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1





#41

Methacrylonitrile

Concen: 17.109 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 37500

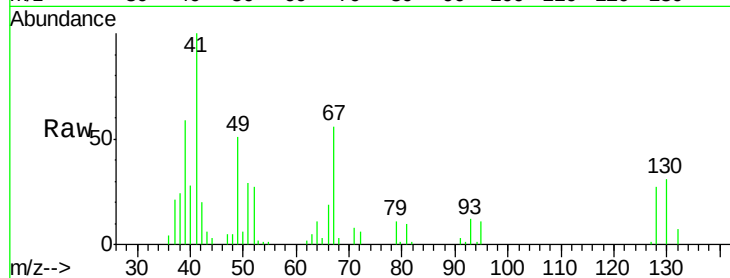
Ion Ratio Lower Upper

41 100

39 0.0 42.5 63.7#

67 82.2 57.4 86.2

52 37.3 26.9 40.3

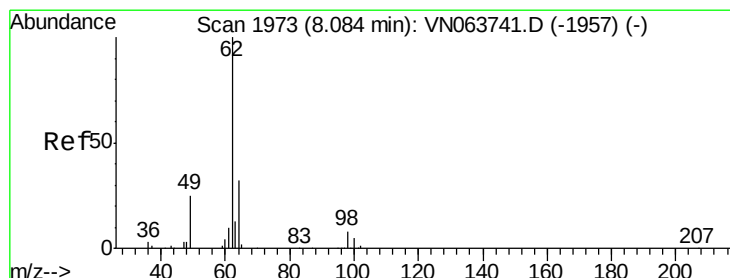
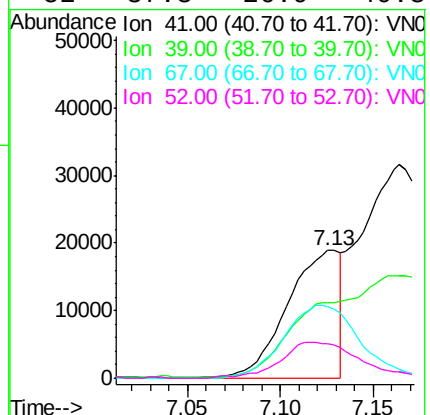
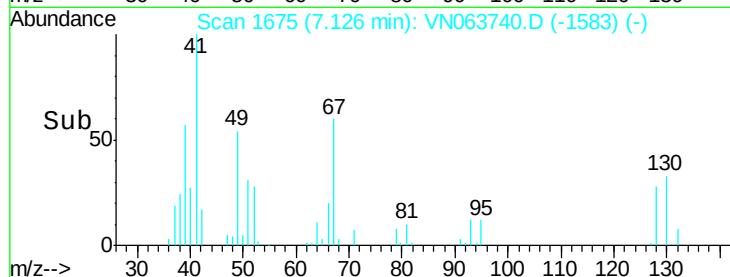


Abundance Ion 41.00 (40.70 to 41.70): VN063740.D (-1653) (-)

Ion 39.00 (38.70 to 39.70): VN063740.D (-1653) (-)

Ion 67.00 (66.70 to 67.70): VN063740.D (-1653) (-)

Ion 52.00 (51.70 to 52.70): VN063740.D (-1653) (-)



#42

1,2-Dichloroethane

Concen: 19.021 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN063740.D

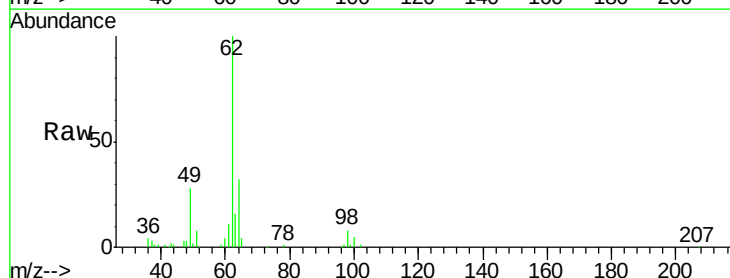
Acq: 30 Sep 2020 10:48

Tgt Ion: 62 Resp: 107926

Ion Ratio Lower Upper

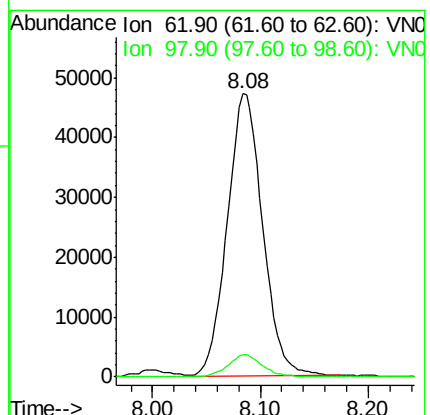
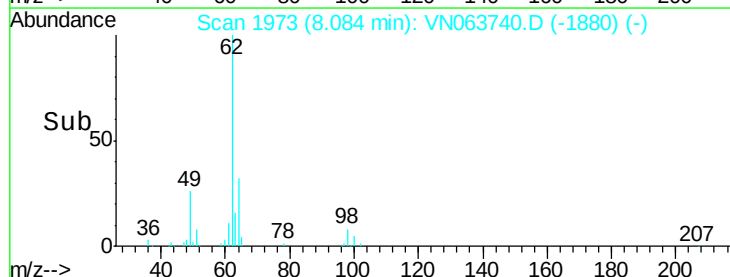
62 100

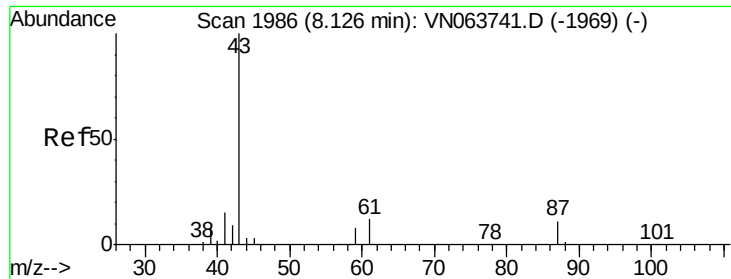
98 7.6 0.0 15.0



Abundance Ion 61.90 (61.60 to 62.60): VN063740.D (-1880) (-)

Ion 97.90 (97.60 to 98.60): VN063740.D (-1880) (-)





#43

Isopropyl Acetate

Concen: 17.256 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

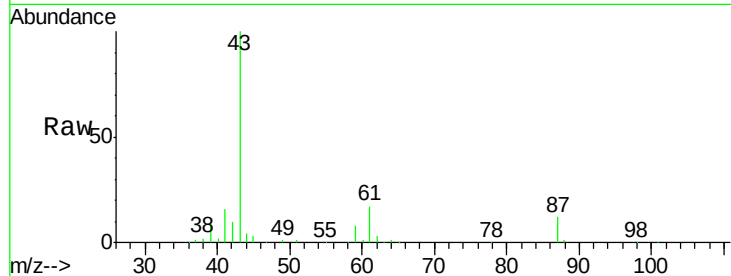
Tgt Ion: 43 Resp: 148014

Ion Ratio Lower Upper

43 100

61 16.8 14.2 21.4

87 11.8 9.0 13.6

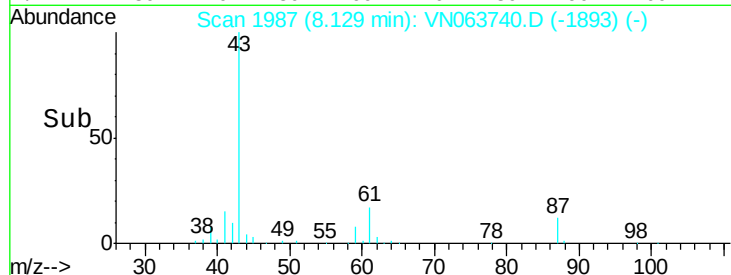


Abundance Ion 43.00 (42.70 to 43.70): VN063740.D (-1986) (-)

Ion 61.00 (60.70 to 61.70): VN063740.D (-1986) (-)

Ion 87.00 (86.70 to 87.70): VN063740.D (-1986) (-)

Time-->



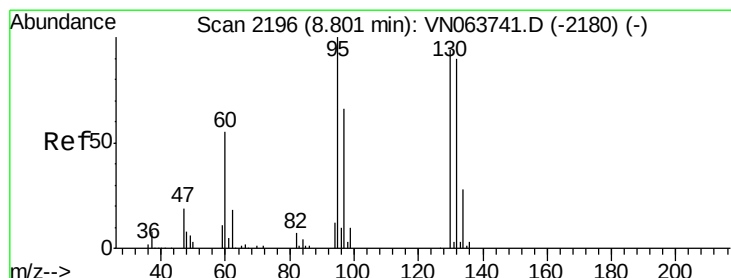
Abundance

Ion 43.00 (42.70 to 43.70): VN063740.D (-1986) (-)

Ion 61.00 (60.70 to 61.70): VN063740.D (-1986) (-)

Ion 87.00 (86.70 to 87.70): VN063740.D (-1986) (-)

Time-->



#44

Trichloroethene

Concen: 19.308 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063740.D

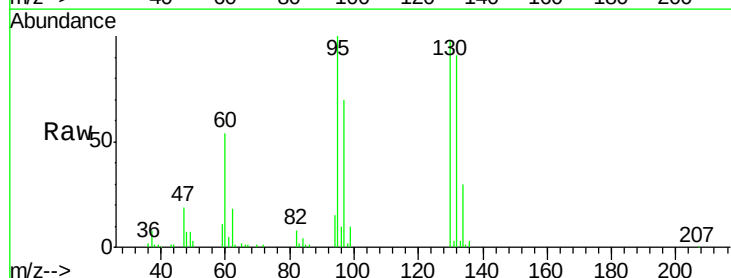
Acq: 30 Sep 2020 10:48

Tgt Ion: 130 Resp: 66240

Ion Ratio Lower Upper

130 100

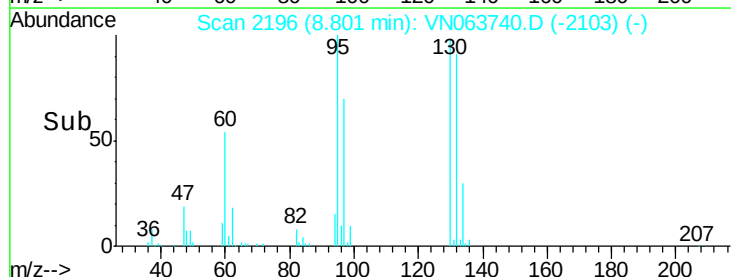
95 102.4 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063740.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN063740.D (-2196) (-)

Time-->

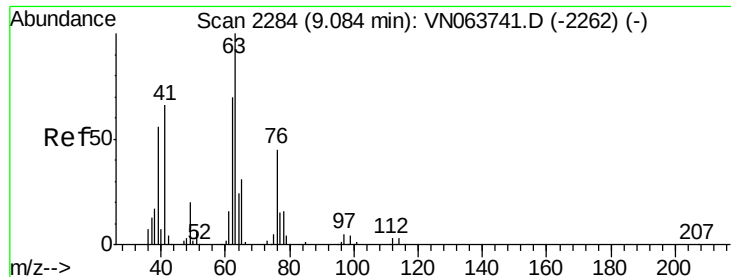


Abundance

Ion 129.80 (129.50 to 130.50): VN063740.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN063740.D (-2196) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 18.408 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

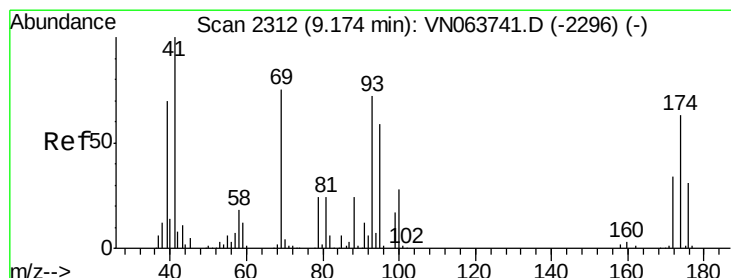
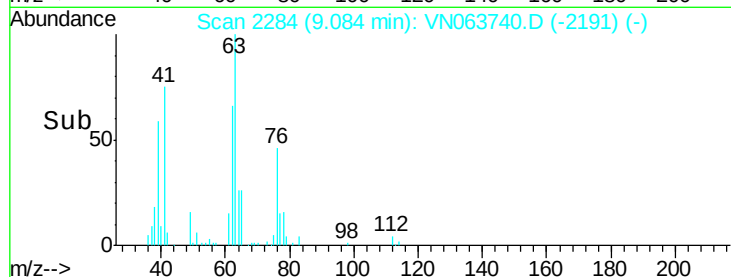
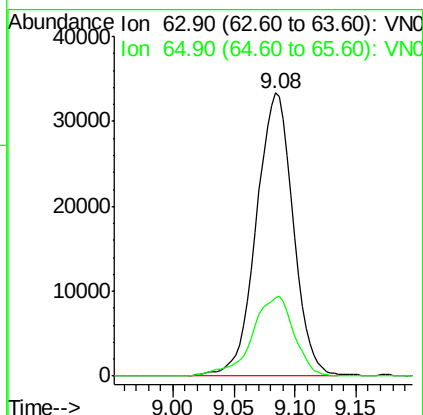
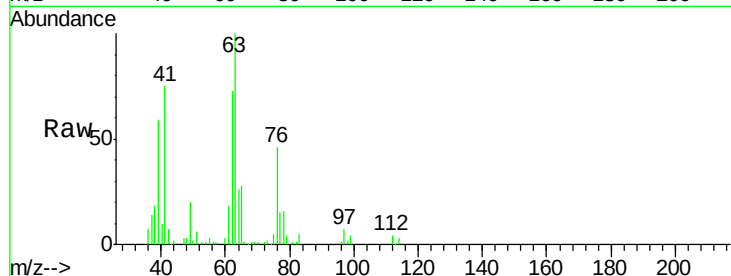
VSTDIC020

Tgt Ion: 63 Resp: 69969

Ion Ratio Lower Upper

63 100

65 27.6 24.7 37.1



#46

Dibromomethane

Concen: 19.475 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

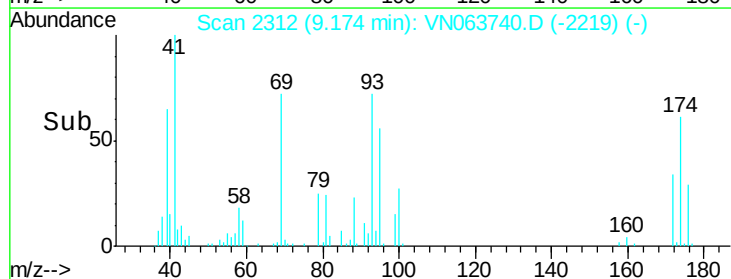
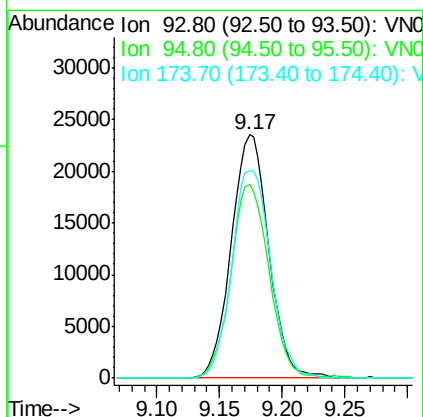
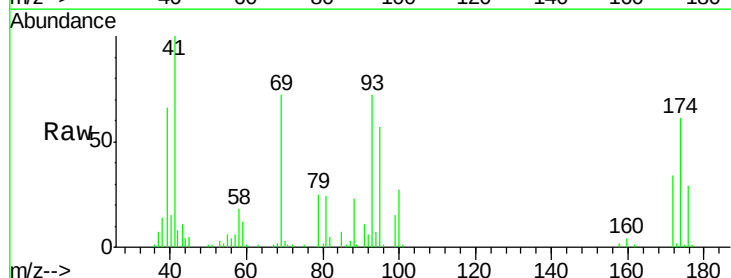
Tgt Ion: 93 Resp: 48922

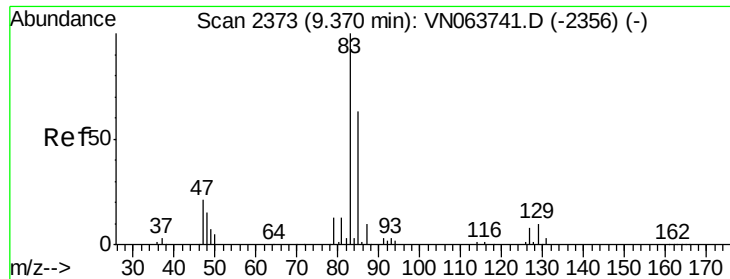
Ion Ratio Lower Upper

93 100

95 80.6 66.3 99.5

174 88.3 72.7 109.1





#47

Bromodichloromethane

Concen: 18.872 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

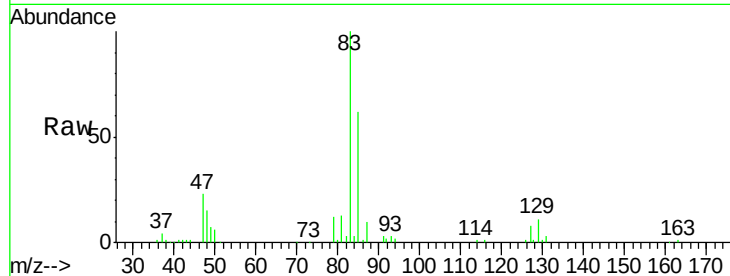
Tgt Ion: 83 Resp: 98973

Ion Ratio Lower Upper

83 100

85 61.9 50.6 75.8

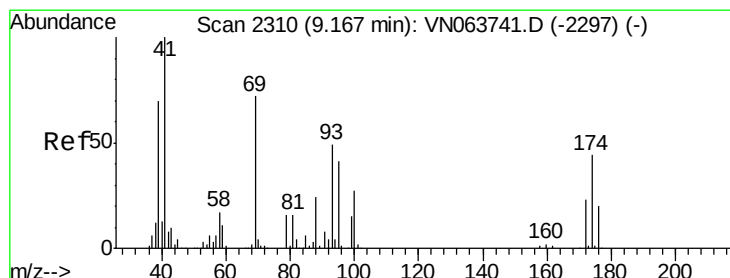
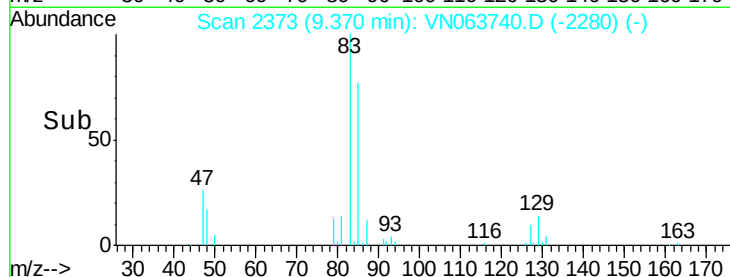
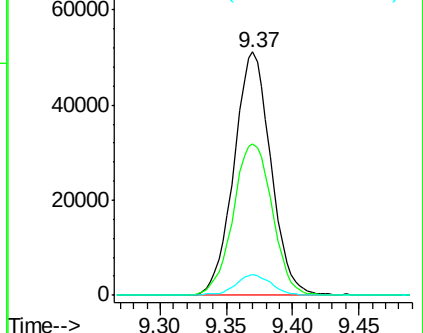
127 8.4 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063740.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063740.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063740.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.844 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

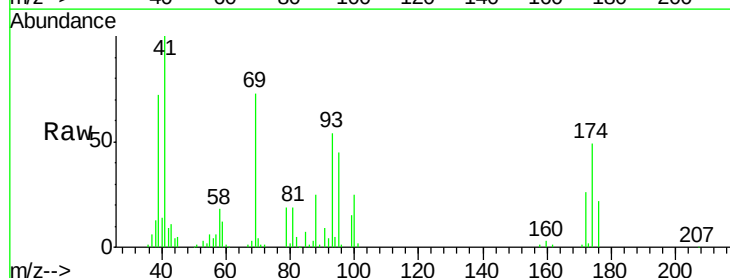
Tgt Ion: 41 Resp: 74917

Ion Ratio Lower Upper

41 100

69 74.3 60.9 91.3

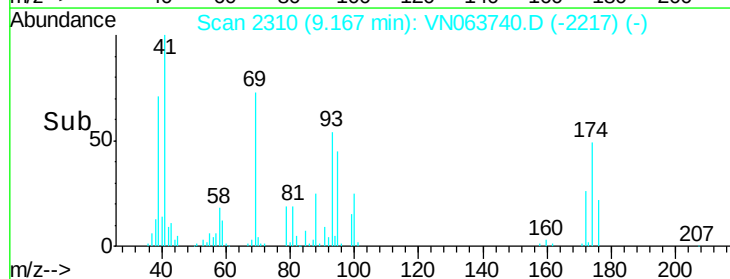
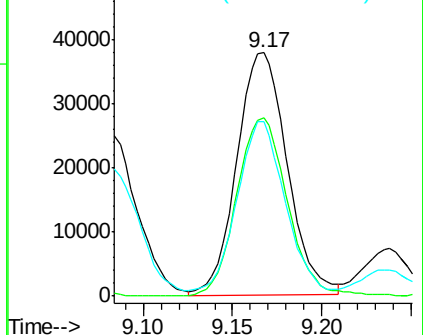
39 68.2 57.5 86.3

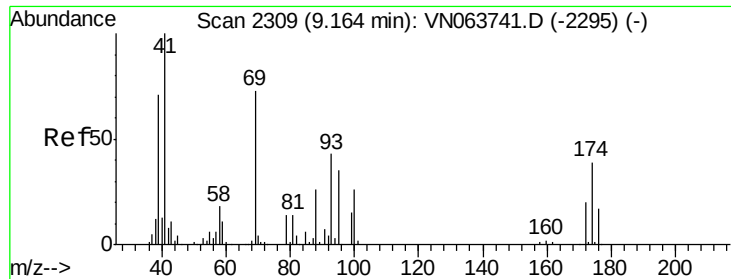


Abundance Ion 41.00 (40.70 to 41.70): VN063740.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063740.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063740.D (-2217) (-)

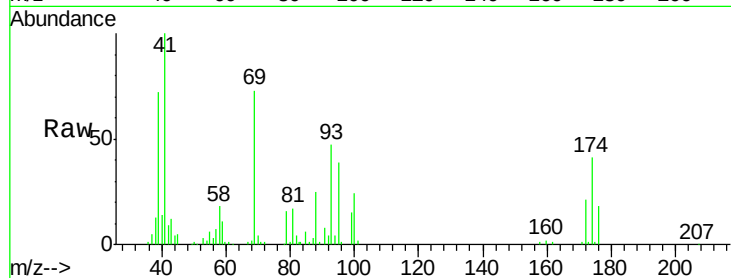




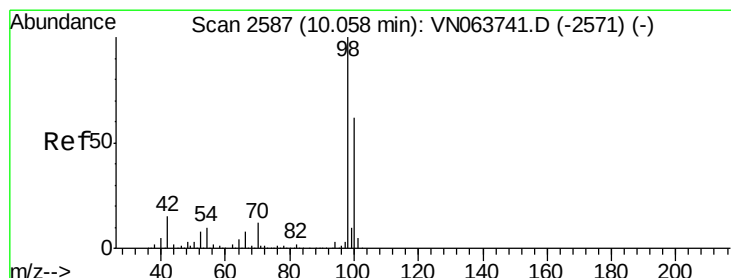
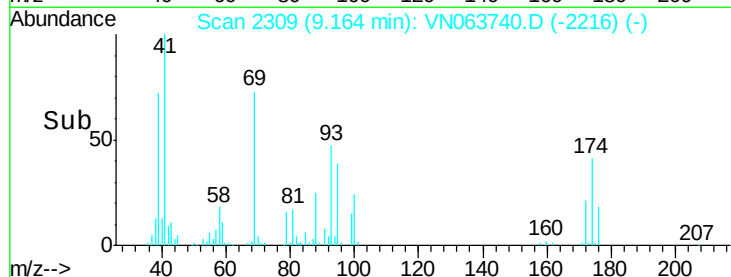
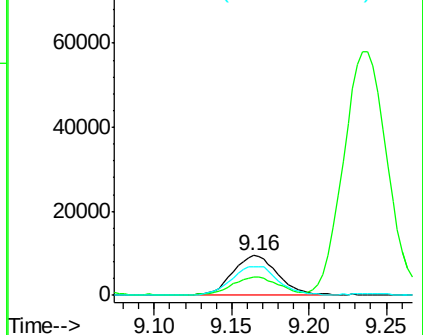
#49
 1,4-Dioxane
 Concen: 324.161 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 88 Resp: 19444
 Ion Ratio Lower Upper
 88 100
 43 48.4 33.1 49.7
 58 74.4 58.9 88.3

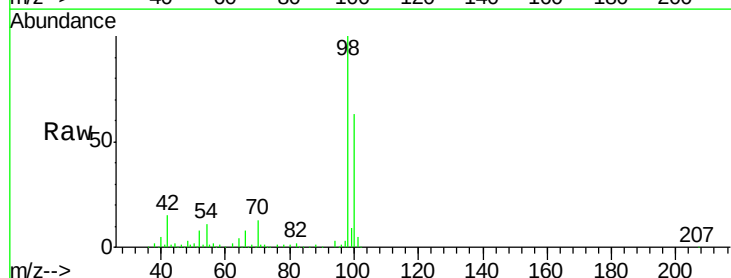


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

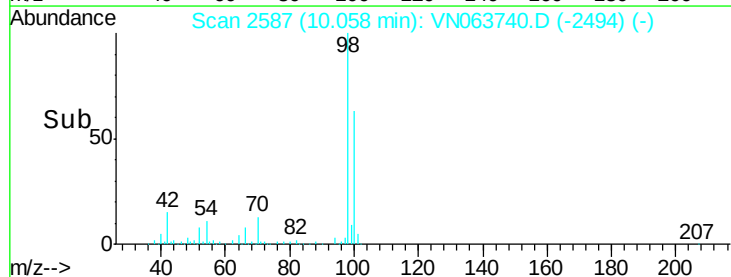
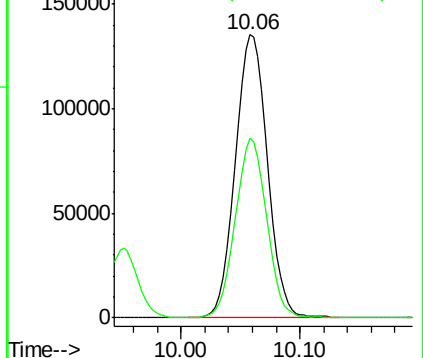


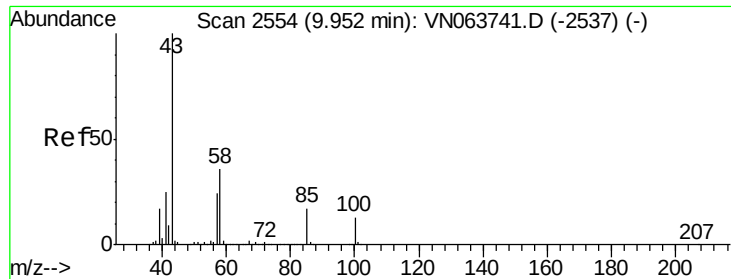
#50
 Toluene-d8
 Concen: 20.910 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 98 Resp: 253365
 Ion Ratio Lower Upper
 98 100
 100 61.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

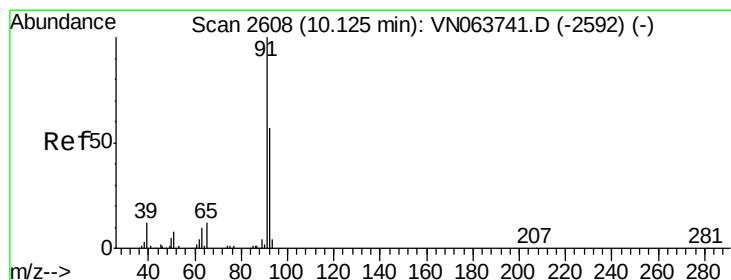
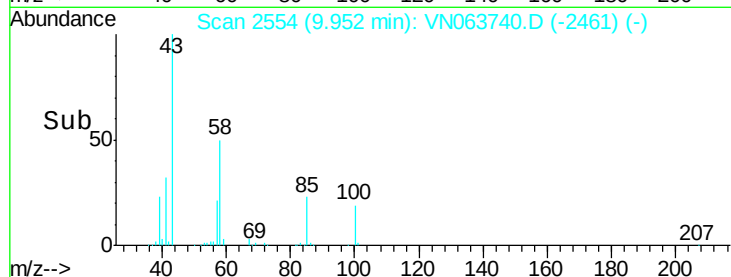
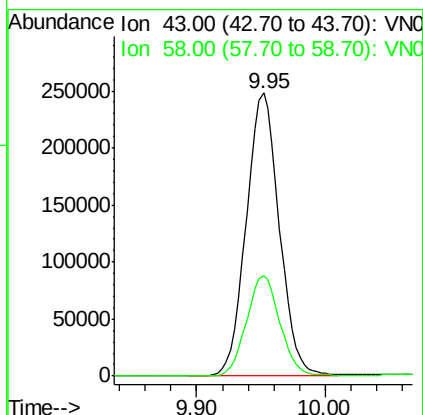
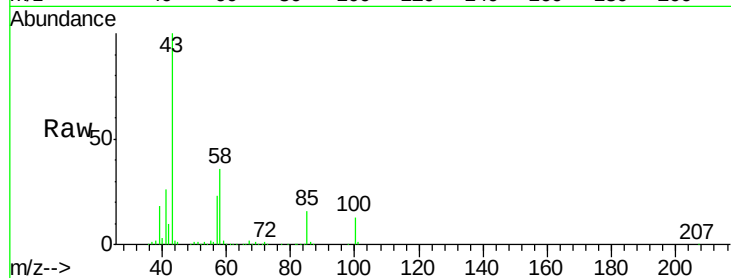




#51
 4-Methyl-2-Pentanone
 Concen: 91.413 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

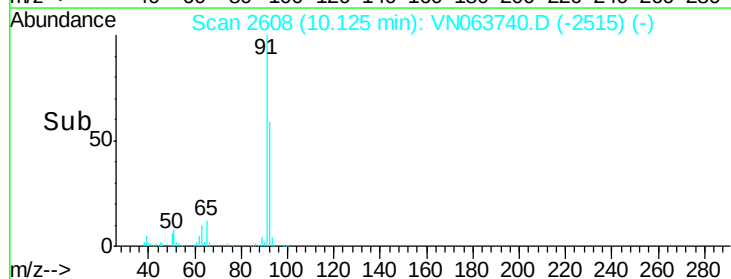
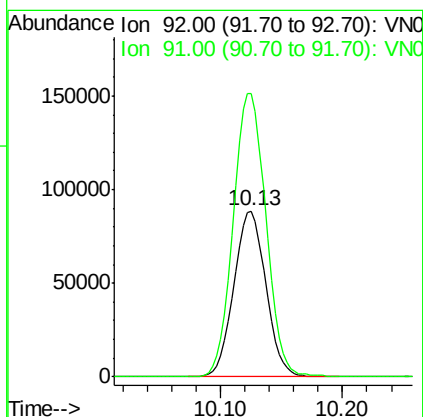
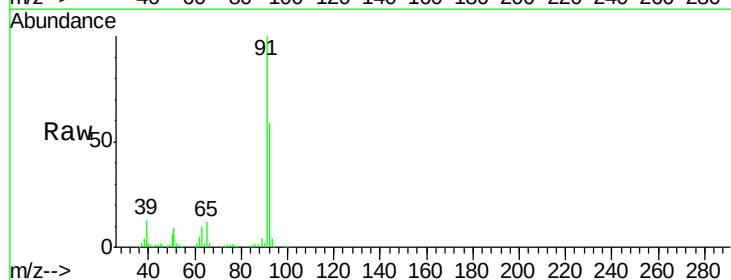
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

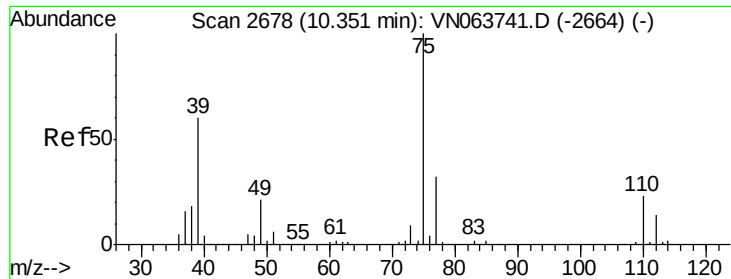
Tgt Ion: 43 Resp: 442504
 Ion Ratio Lower Upper
 43 100
 58 36.2 28.4 42.6



#52
 Toluene
 Concen: 19.104 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 92 Resp: 161255
 Ion Ratio Lower Upper
 92 100
 91 174.6 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 18.275 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

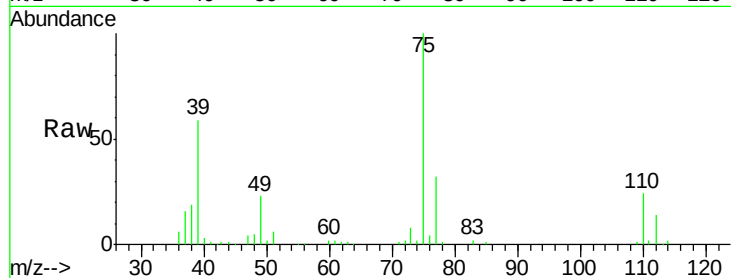
VSTDIC020

Tgt Ion: 75 Resp: 106392

Ion Ratio Lower Upper

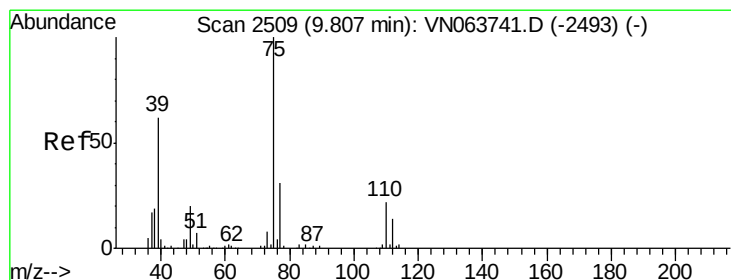
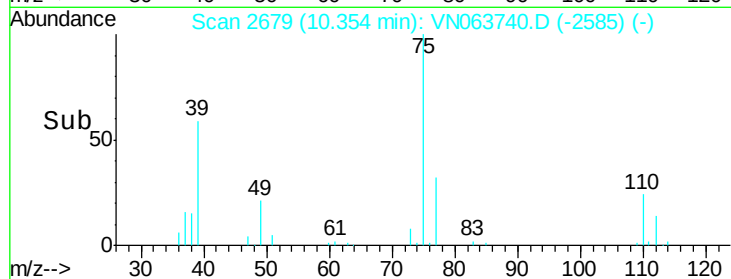
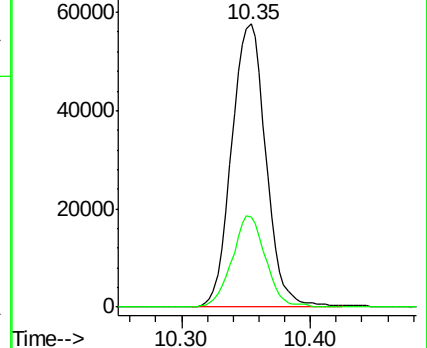
75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.329 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

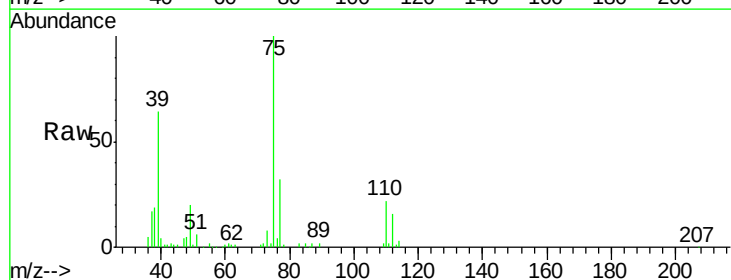
Tgt Ion: 75 Resp: 112172

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

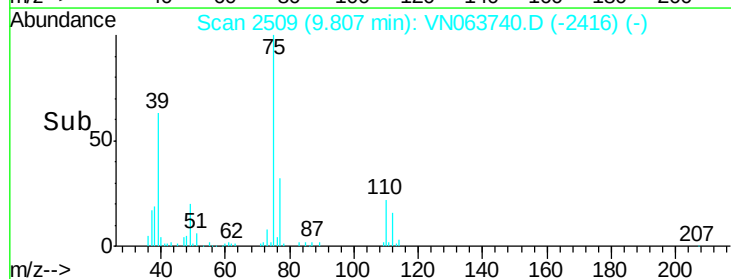
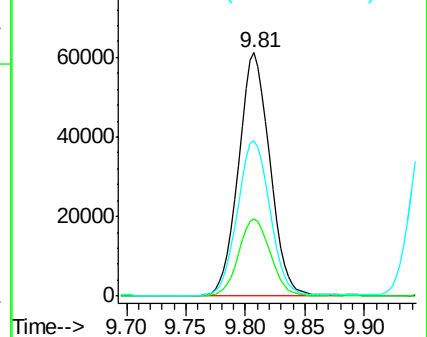
39 63.5 49.7 74.5

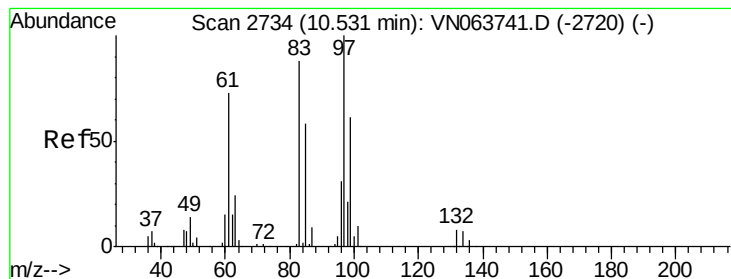


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 18.881 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tgt Ion: 97 Resp: 63632

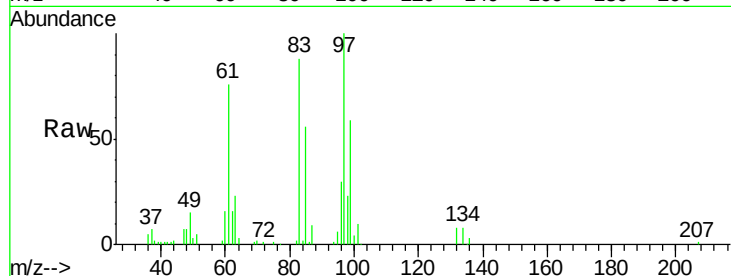
Ion Ratio Lower Upper

97 100

83 88.3 70.7 106.1

85 55.8 46.1 69.1

99 58.9 48.8 73.2

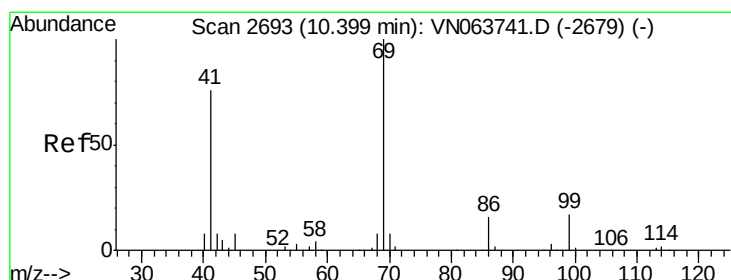
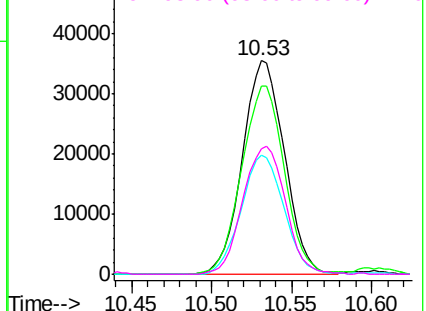
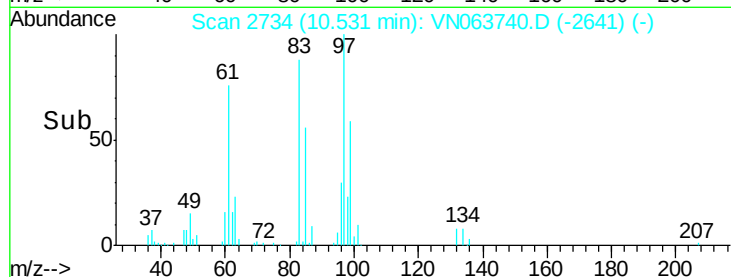


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.540 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

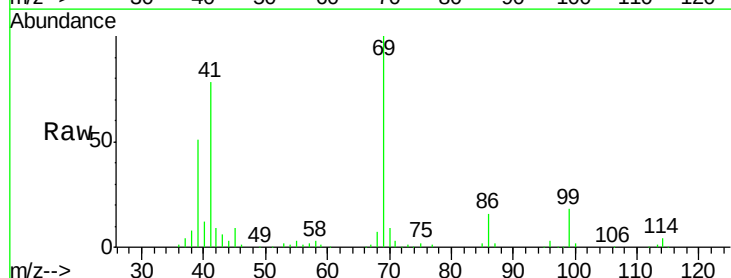
Tgt Ion: 69 Resp: 91309

Ion Ratio Lower Upper

69 100

41 75.4 61.1 91.7

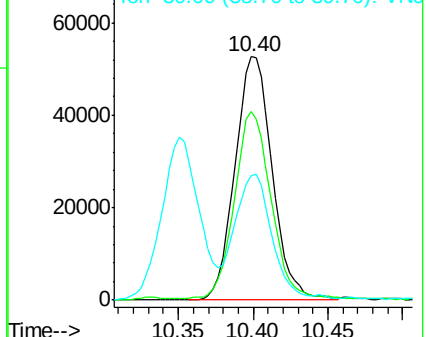
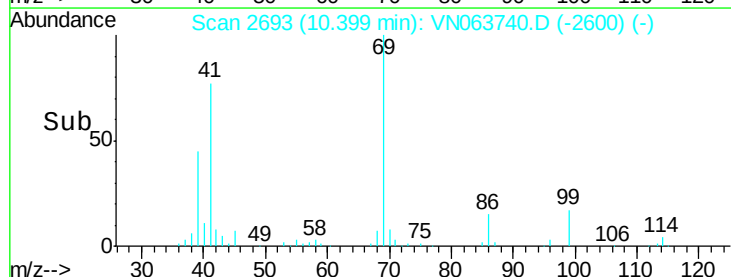
39 48.7 42.2 63.4

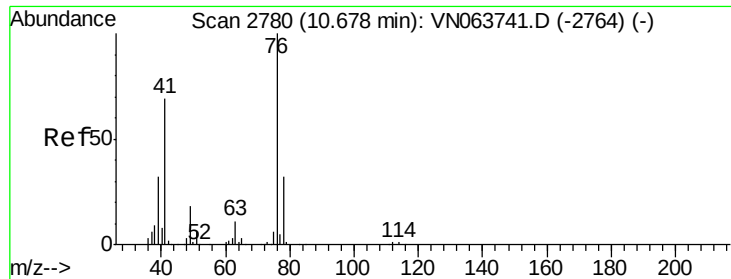


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

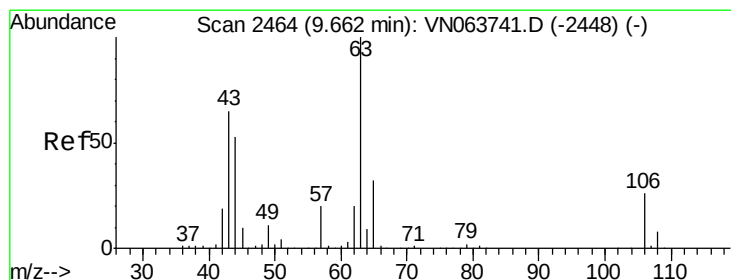
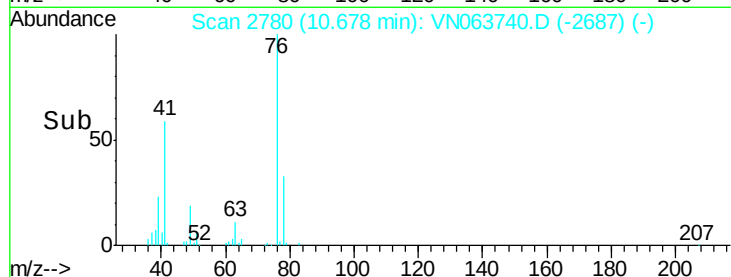
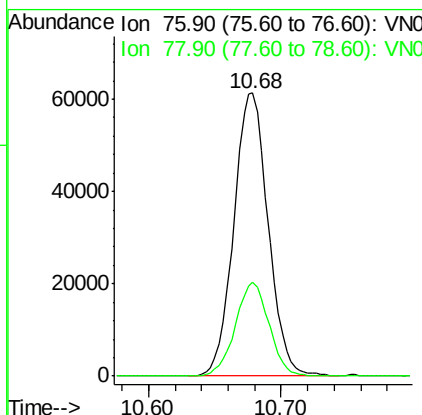
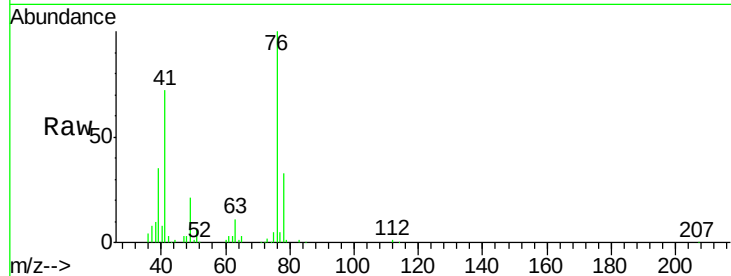




#57
 1,3-Dichloropropane
 Concen: 18.287 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

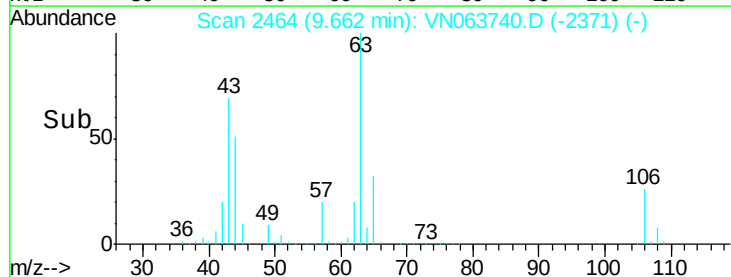
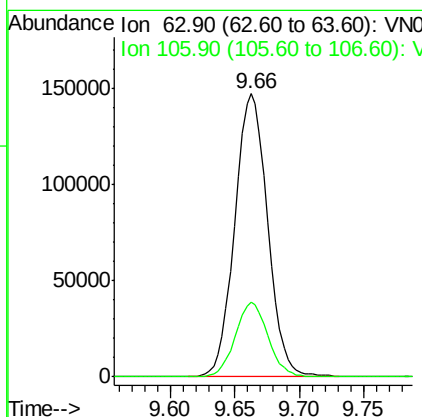
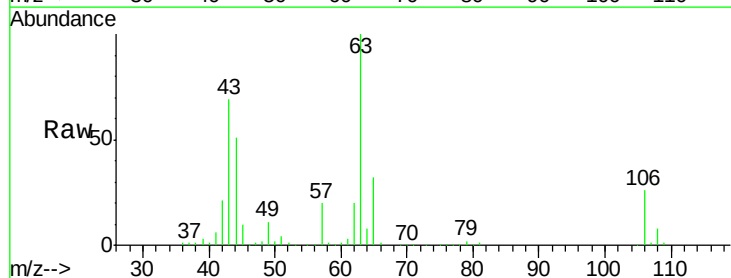
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

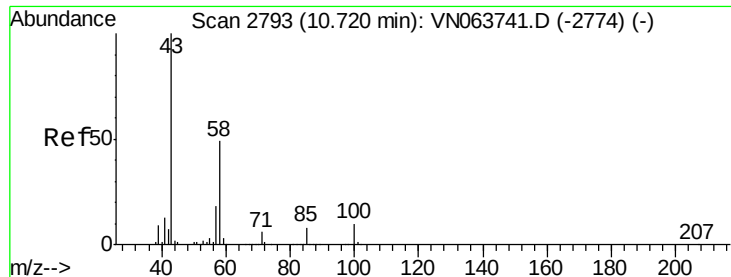
Tgt Ion: 76 Resp: 110486
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.657 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 63 Resp: 260866
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.7 31.1





#59

2-Hexanone

Concen: 92.578 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

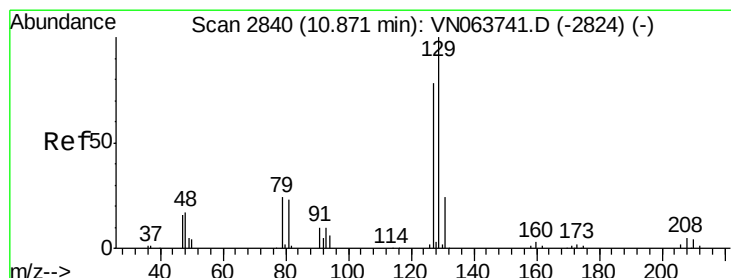
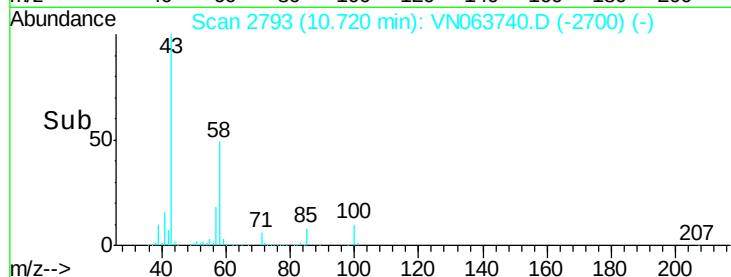
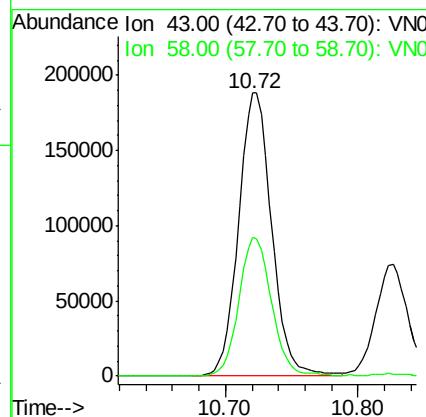
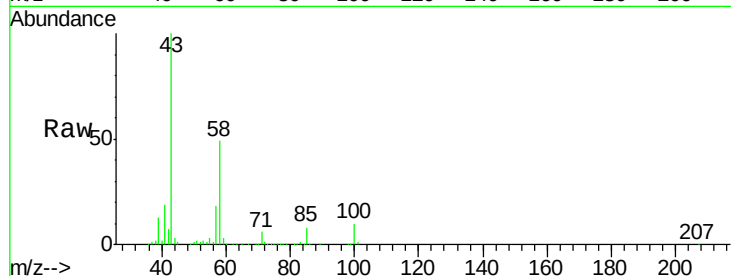
VSTDIC020

Tgt Ion: 43 Resp: 324823

Ion Ratio Lower Upper

43 100

58 48.6 24.6 73.8



#60

Dibromochloromethane

Concen: 19.144 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN063740.D

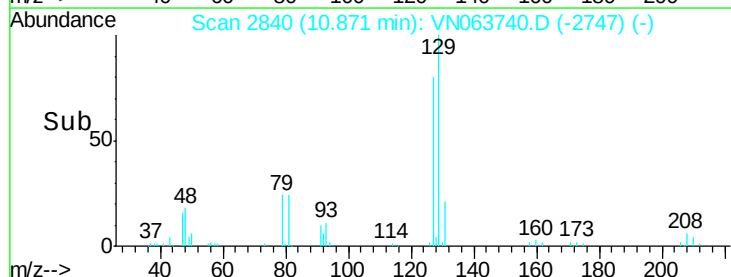
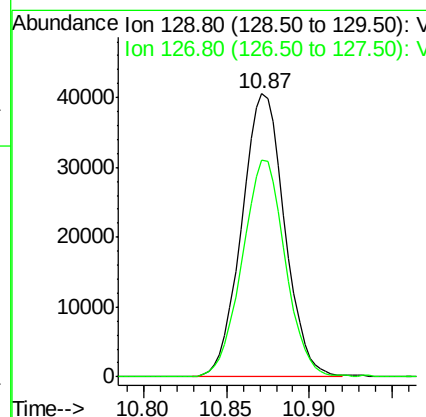
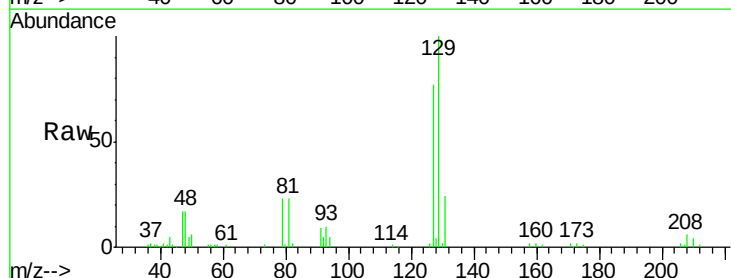
Acq: 30 Sep 2020 10:48

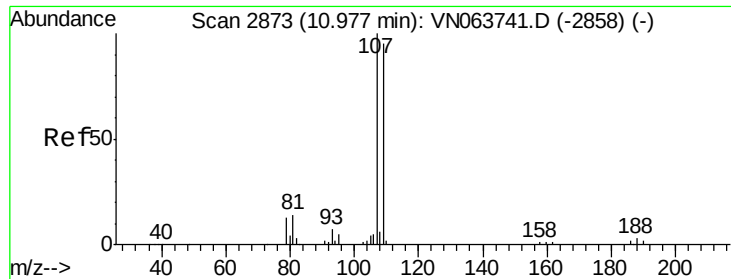
Tgt Ion: 129 Resp: 72984

Ion Ratio Lower Upper

129 100

127 76.8 38.9 116.7

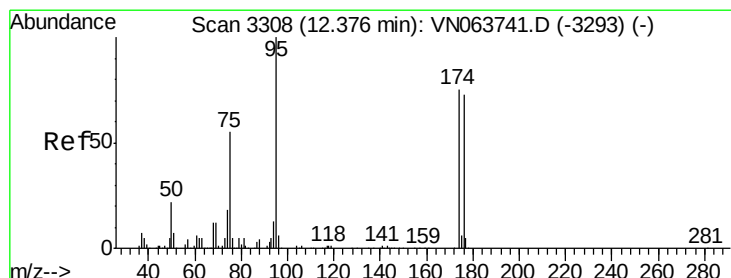
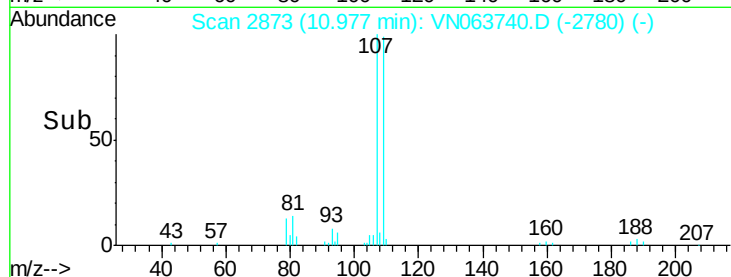
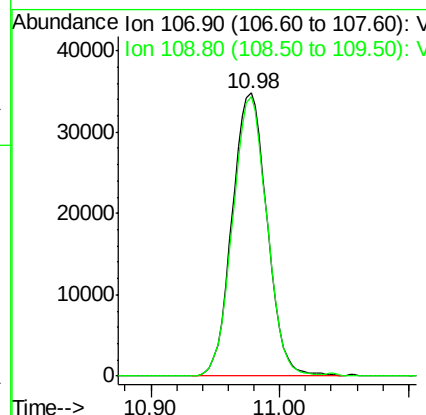
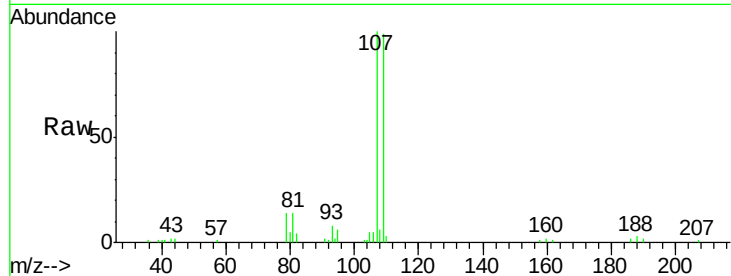




#61
 1,2-Dibromoethane
 Concen: 18.702 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

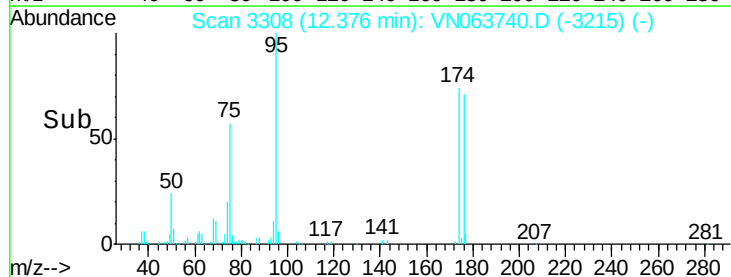
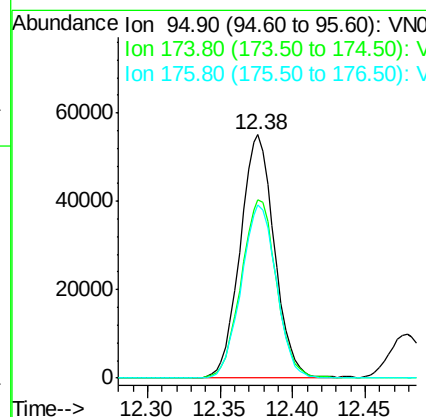
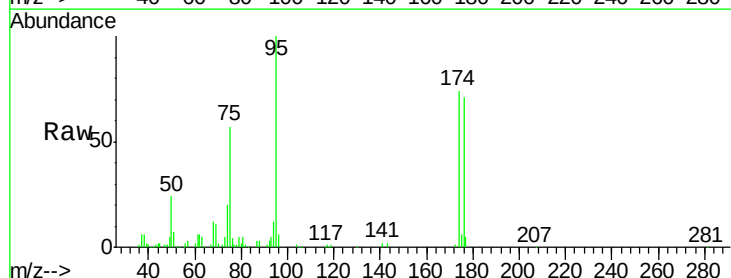
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

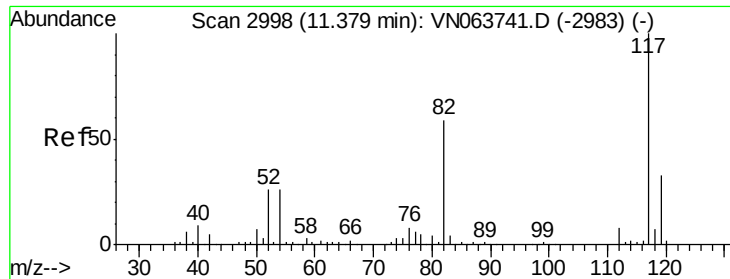
Tgt Ion: 107 Resp: 65409
 Ion Ratio Lower Upper
 107 100
 109 96.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 20.234 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 95 Resp: 90459
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.6
 176 72.5 0.0 145.4

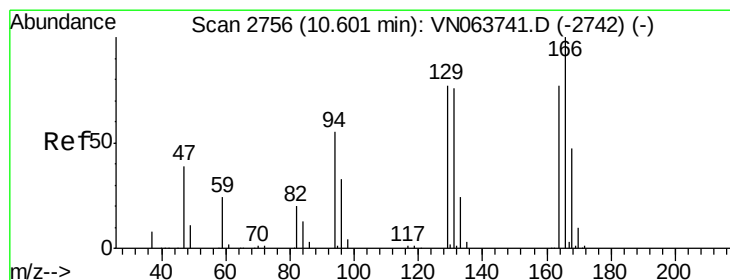
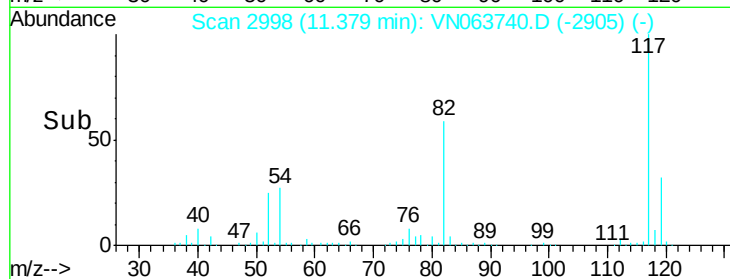
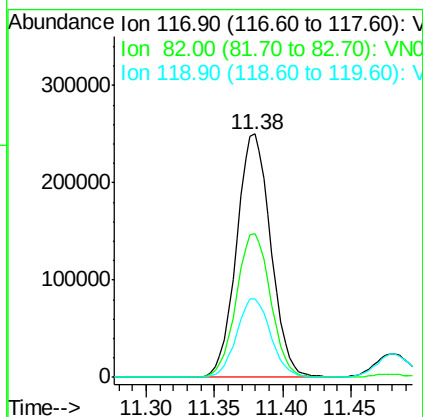
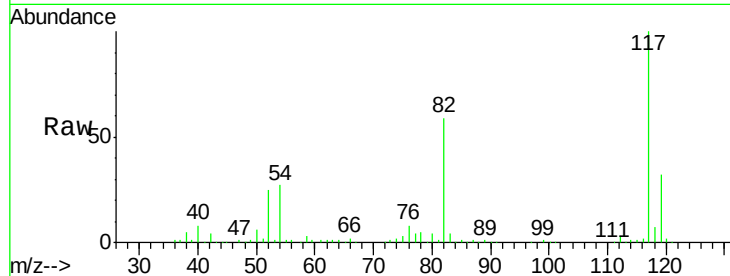




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

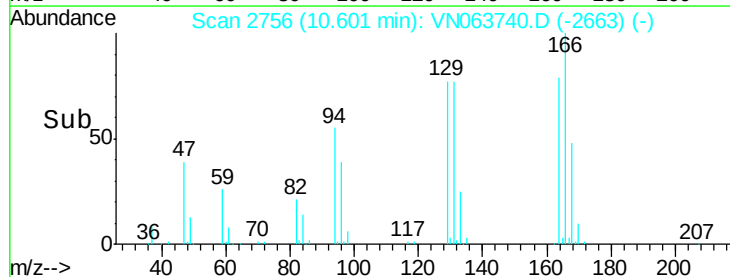
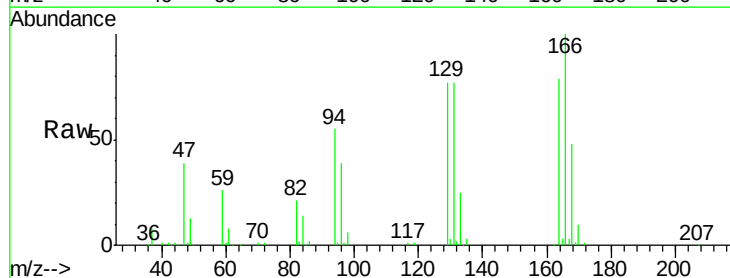
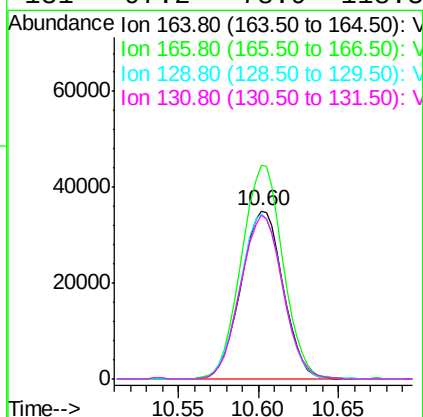
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

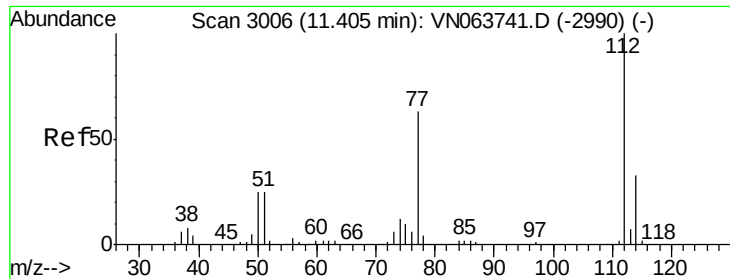
Tgt Ion:117 Resp: 436322
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 21.042 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

Tgt Ion:164 Resp: 63005
Ion Ratio Lower Upper
164 100
166 126.9 103.9 155.9
129 98.1 80.3 120.5
131 97.2 78.9 118.3

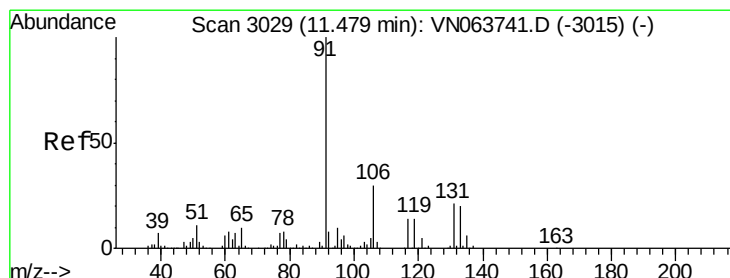
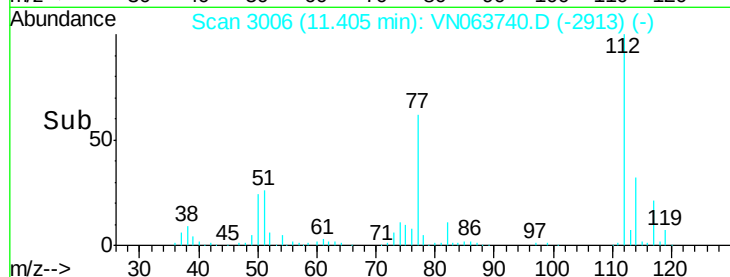
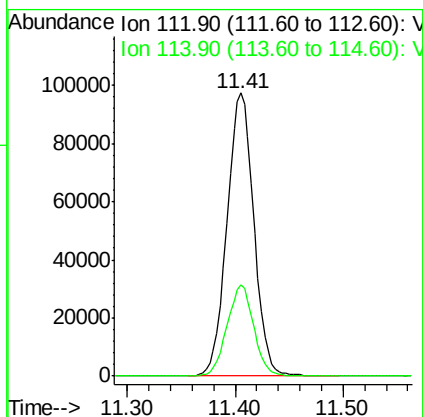
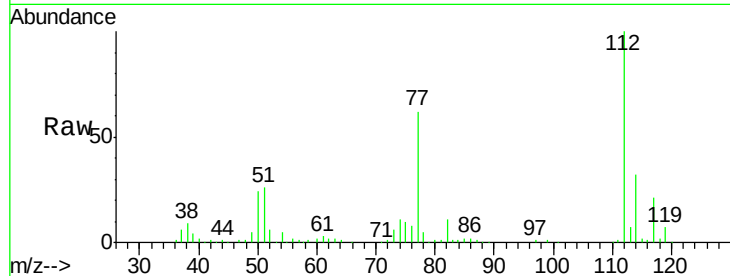




#65
Chlorobenzene
Concen: 18.497 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

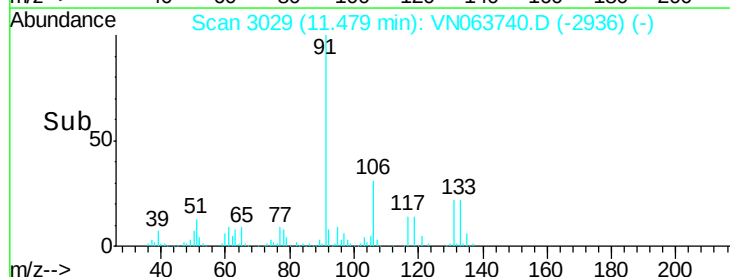
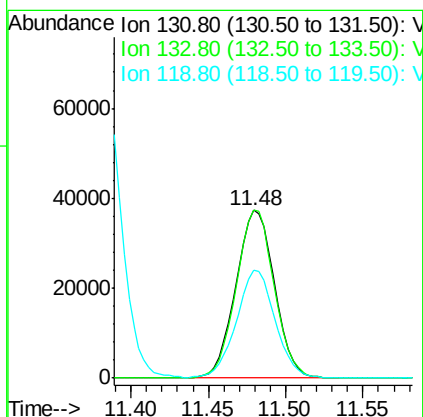
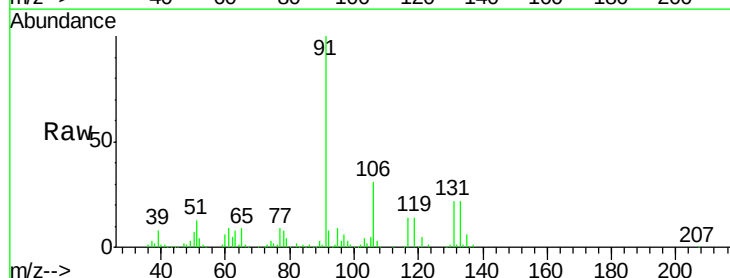
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

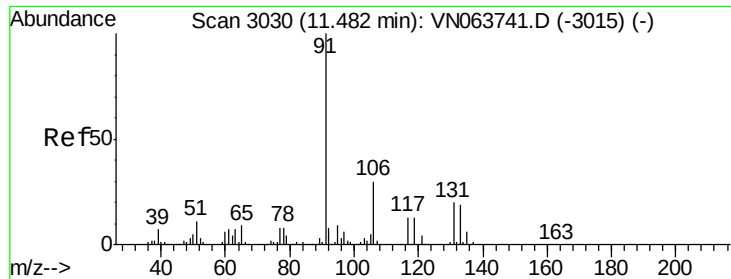
Tgt Ion:112 Resp: 168972
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.220 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

Tgt Ion:131 Resp: 64905
Ion Ratio Lower Upper
131 100
133 98.3 47.3 141.8
119 64.6 32.6 97.7

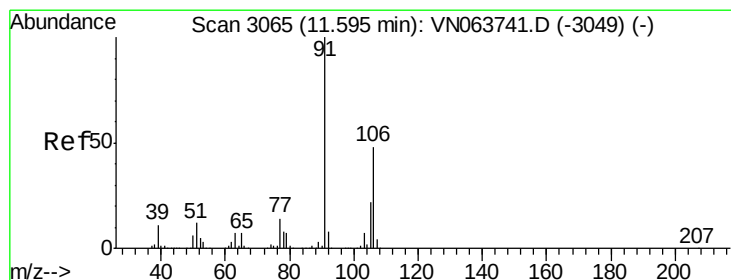
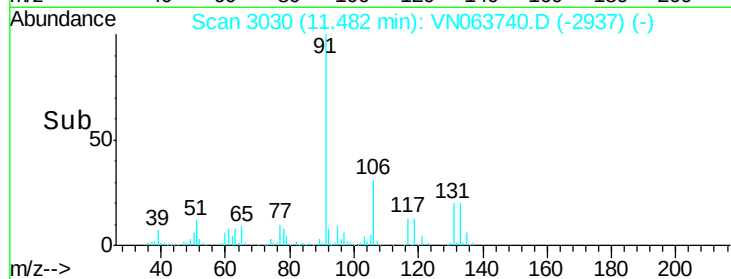
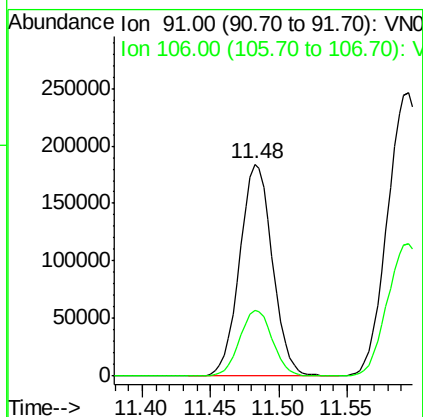
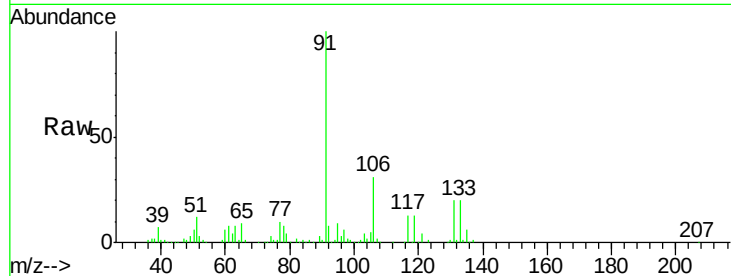




#67
Ethyl Benzene
Concen: 17.901 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

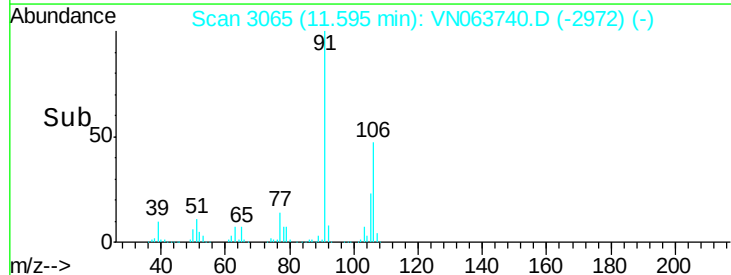
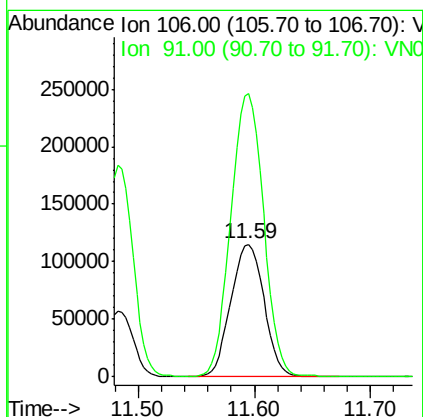
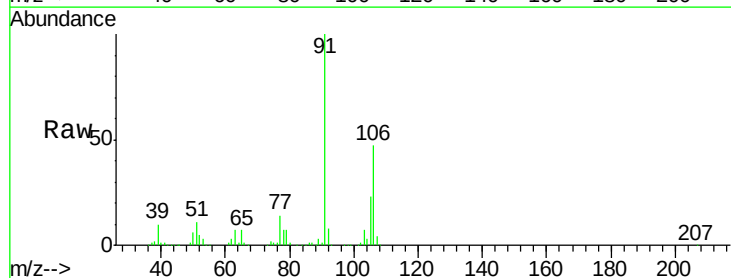
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

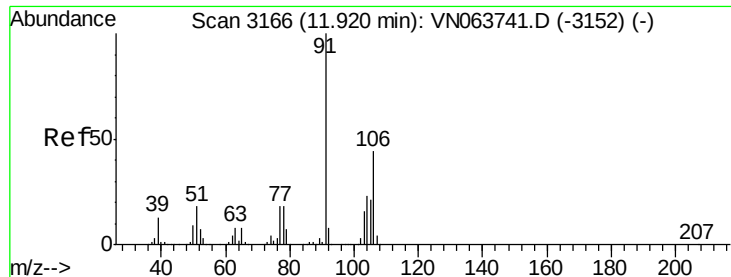
Tgt Ion: 91 Resp: 307986
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2



#68
m/p-Xylenes
Concen: 36.903 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

Tgt Ion: 106 Resp: 229524
Ion Ratio Lower Upper
106 100
91 209.5 168.0 252.0

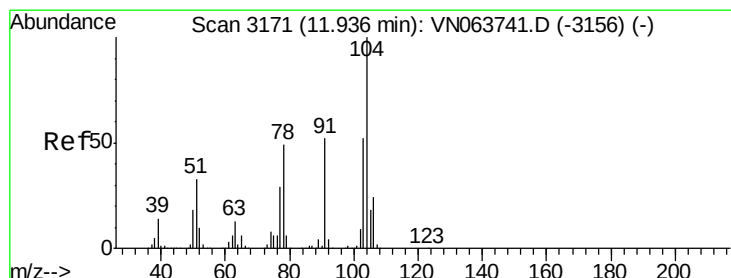
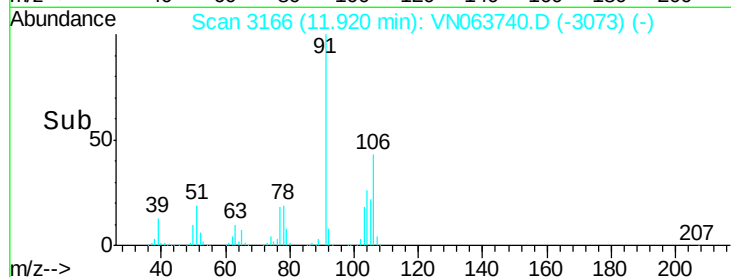
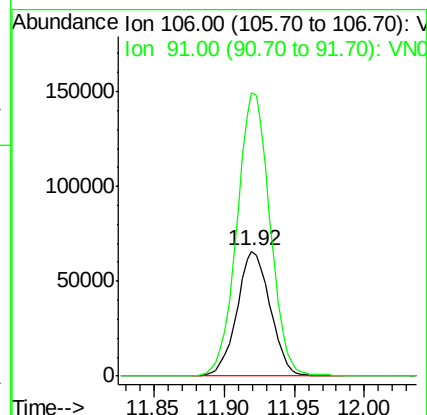
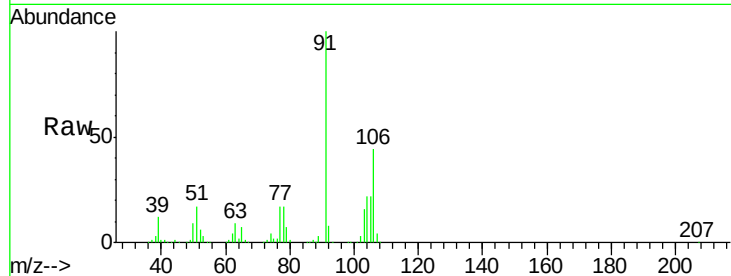




#69
o-Xylene
Concen: 18.432 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

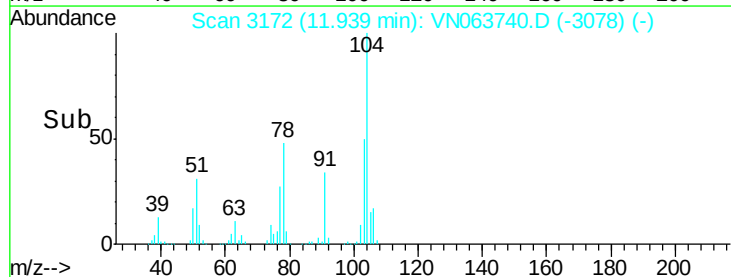
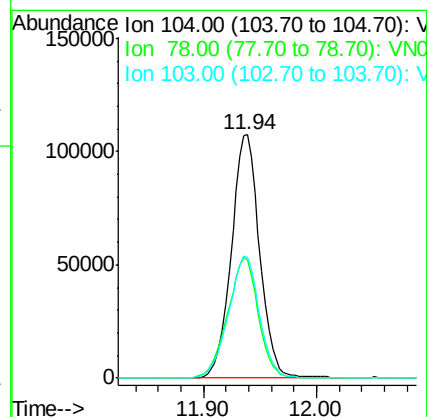
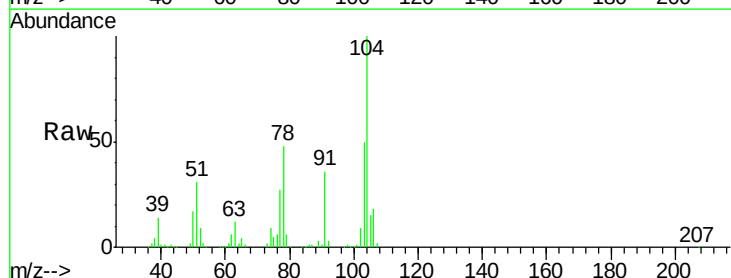
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

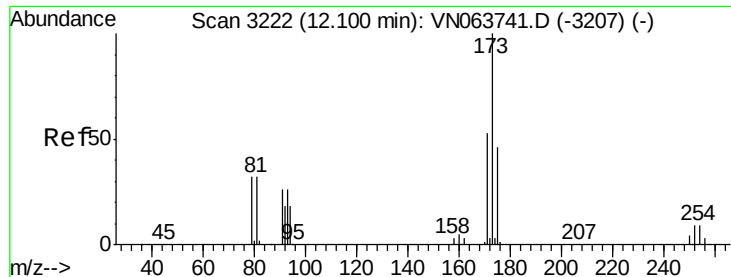
Tgt Ion:106 Resp: 108874
Ion Ratio Lower Upper
106 100
91 225.4 112.7 338.0



#70
Styrene
Concen: 18.838 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063740.D
Acq: 30 Sep 2020 10:48

Tgt Ion:104 Resp: 186649
Ion Ratio Lower Upper
104 100
78 53.7 44.1 66.1
103 54.9 44.3 66.5





#71

Bromoform

Concen: 18.929 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

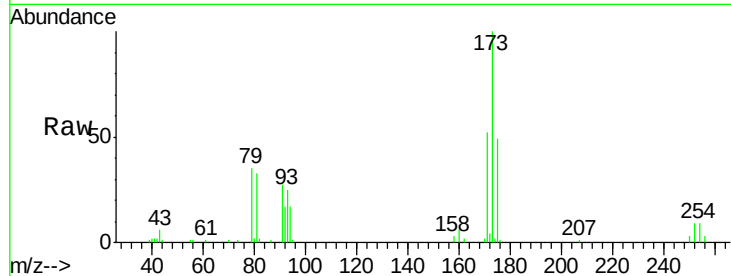
Tgt Ion:173 Resp: 47767

Ion Ratio Lower Upper

173 100

175 49.7 23.5 70.5

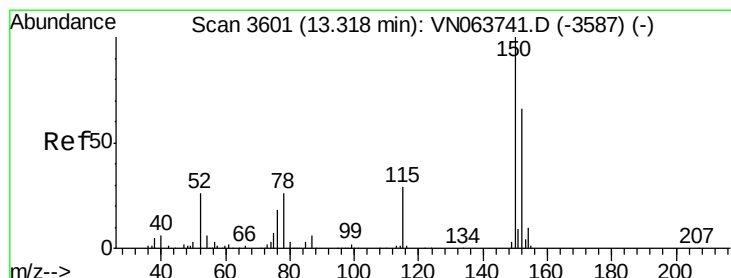
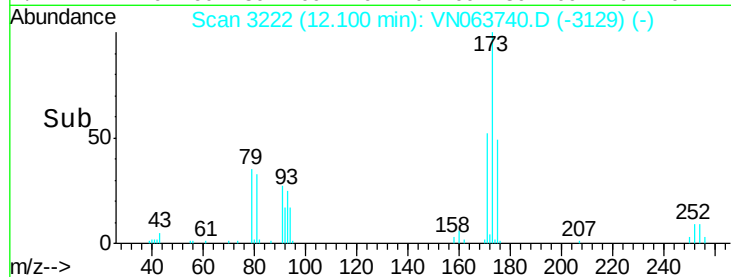
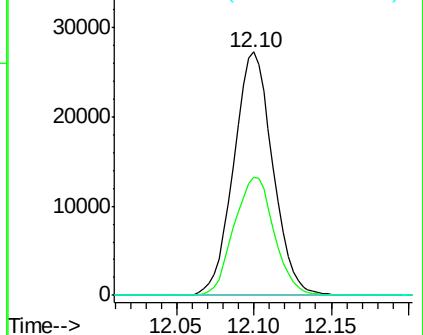
254 0.0 0.0 0.0



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: VN063740.D

Acq: 30 Sep 2020 10:48

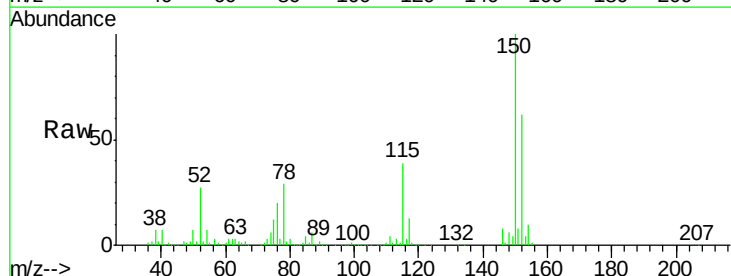
Tgt Ion:152 Resp: 204779

Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

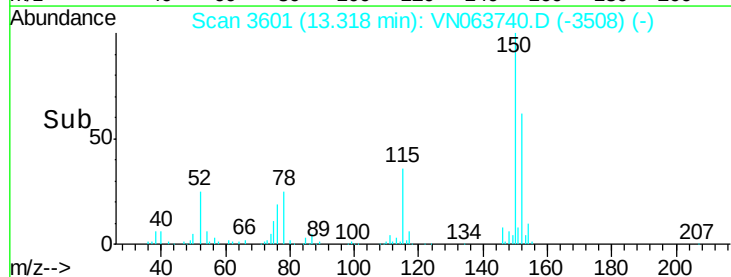
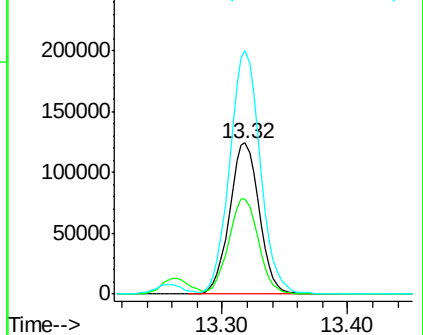
150 164.4 0.0 341.8

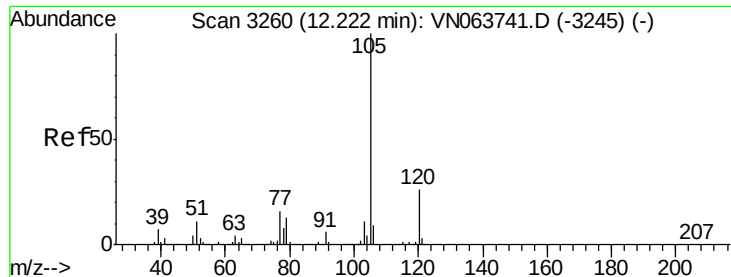


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.178 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

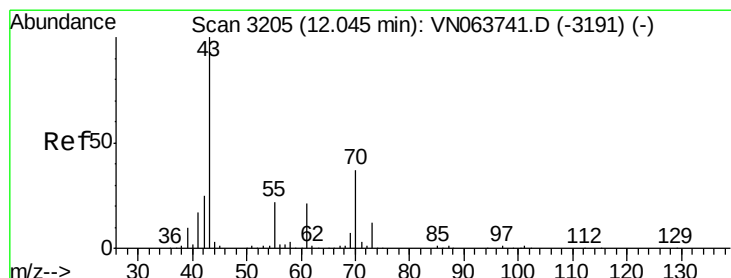
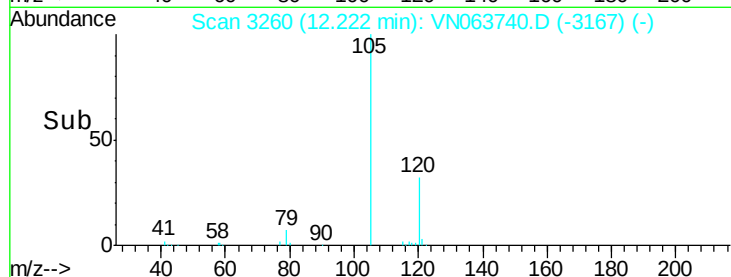
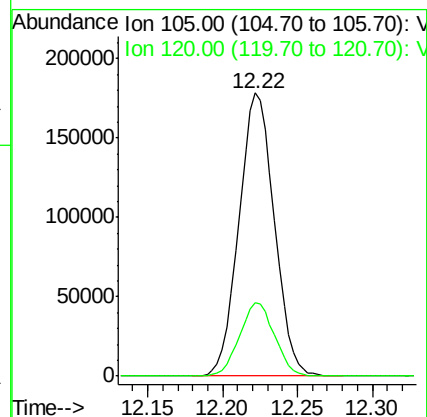
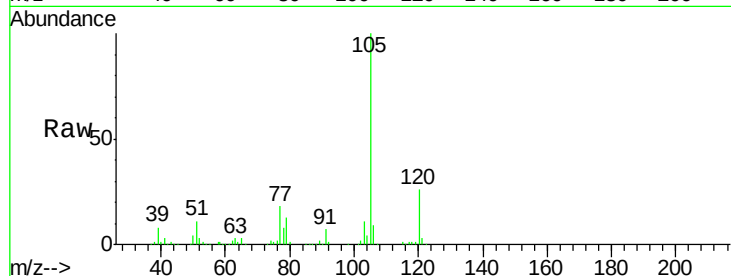
VSTDIC020

Tgt Ion: 105 Resp: 293488

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-amyl acetate

Concen: 16.811 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Tgt Ion: 43 Resp: 127027

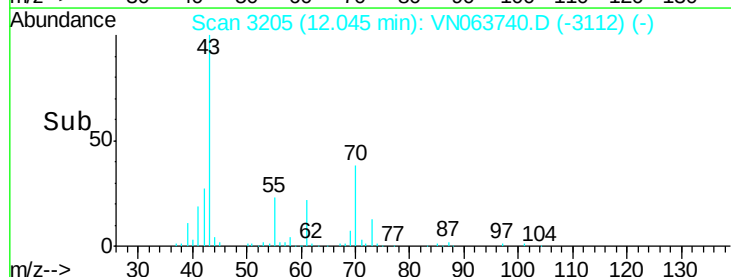
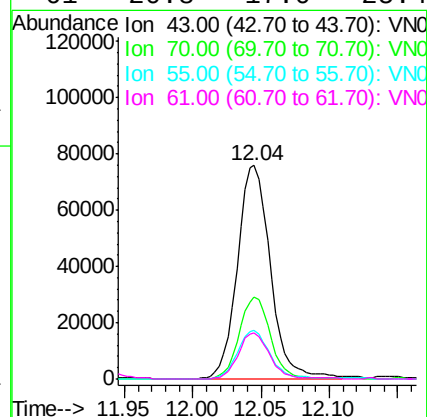
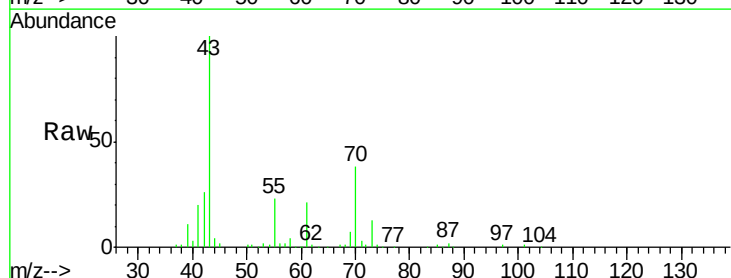
Ion Ratio Lower Upper

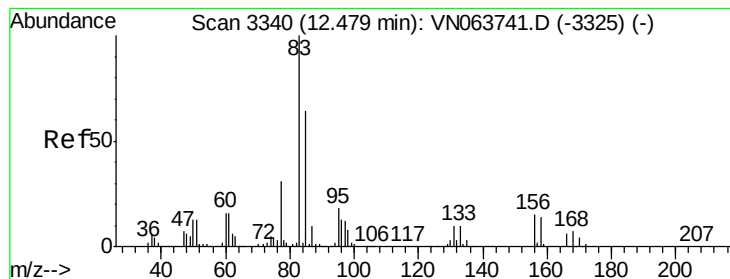
43 100

70 36.4 29.8 44.8

55 22.6 17.9 26.9

61 20.8 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.106 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

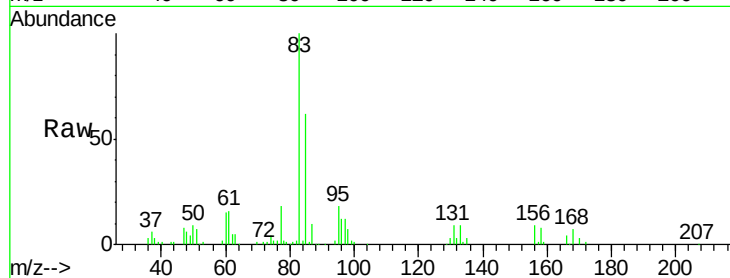
Tgt Ion: 83 Resp: 90503

Ion Ratio Lower Upper

83 100

131 9.6 5.3 15.8

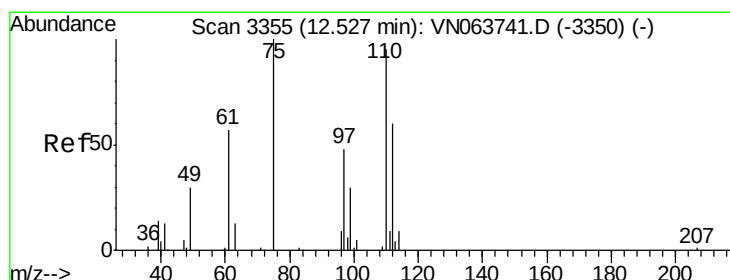
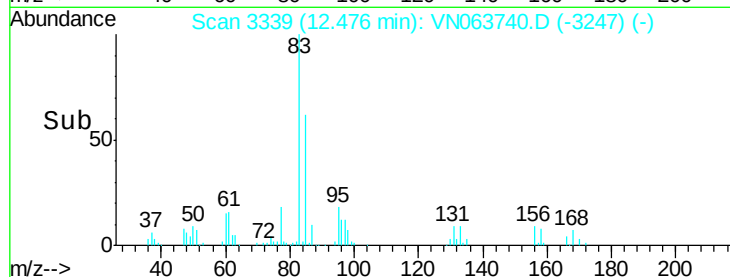
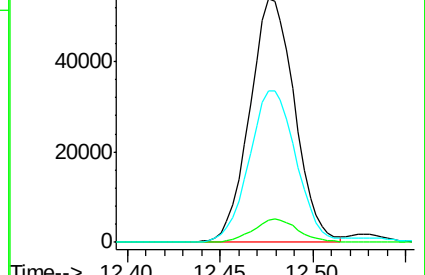
85 65.3 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063740.D (-3339) (-)

Ion 130.80 (130.50 to 131.50): VN063740.D (-3339) (-)

Ion 84.90 (84.60 to 85.60): VN063740.D (-3339) (-)



#76

1,2,3-Trichloropropane

Concen: 25.238 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063740.D

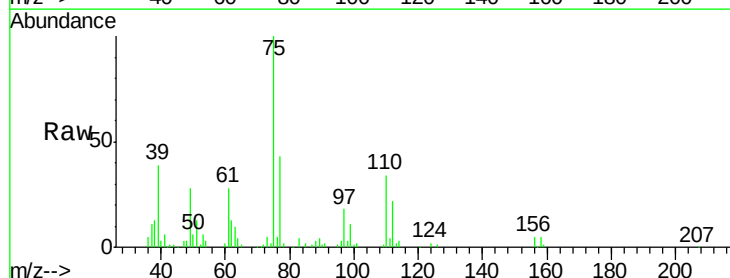
Acq: 30 Sep 2020 10:48

Tgt Ion: 75 Resp: 125780

Ion Ratio Lower Upper

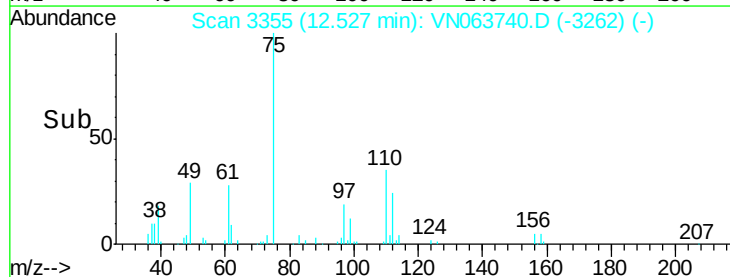
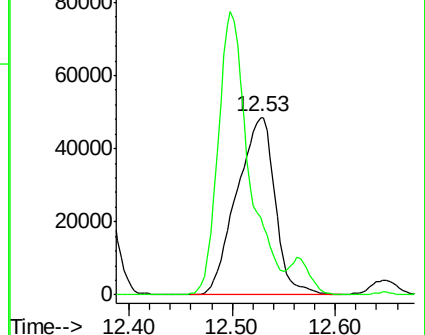
75 100

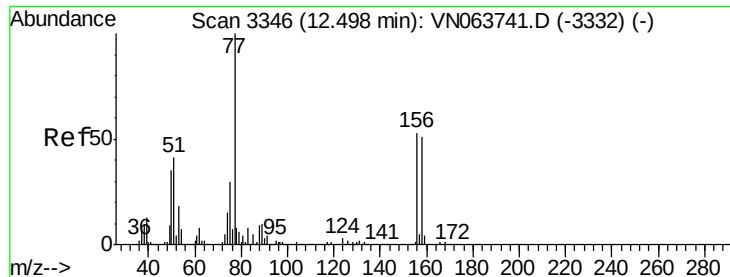
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063740.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN063740.D (-3355) (-)





#77

Bromobenzene

Concen: 19.376 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

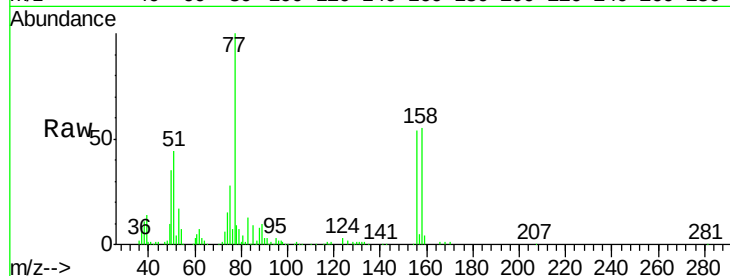
Tgt Ion:156 Resp: 71093

Ion Ratio Lower Upper

156 100

77 226.9 110.9 332.7

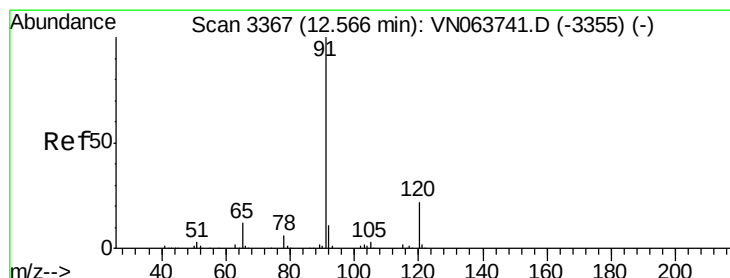
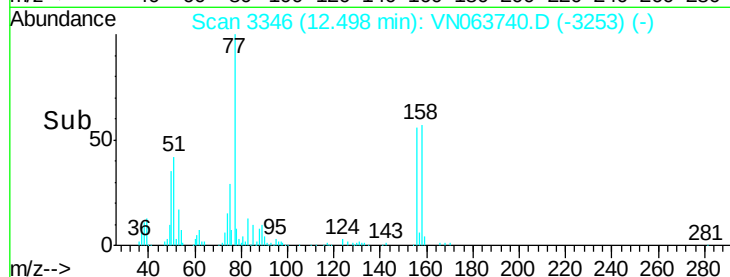
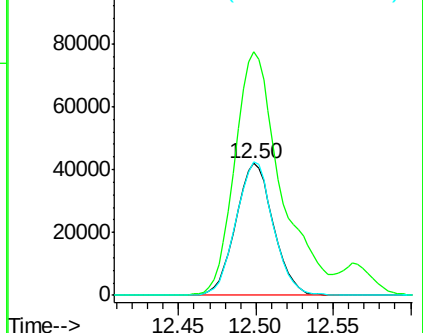
158 100.0 47.7 143.1



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: 18.089 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063740.D

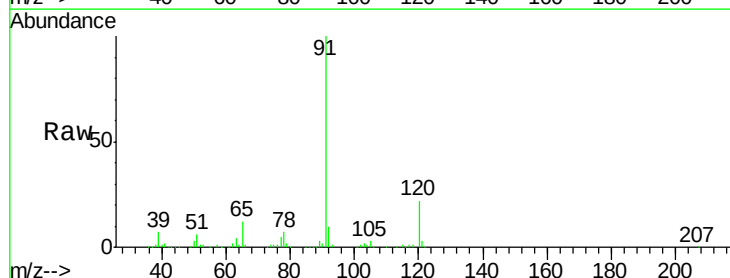
Acq: 30 Sep 2020 10:48

Tgt Ion: 91 Resp: 339464

Ion Ratio Lower Upper

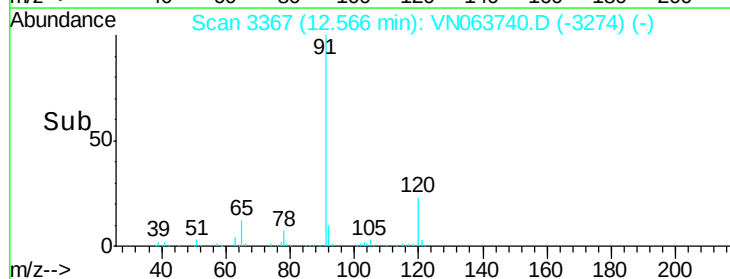
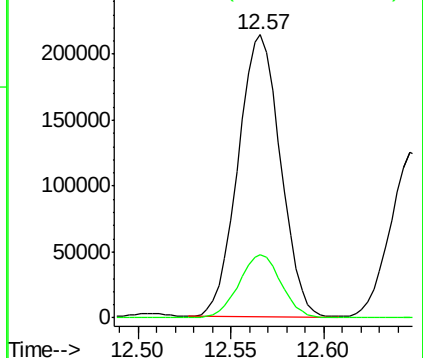
91 100

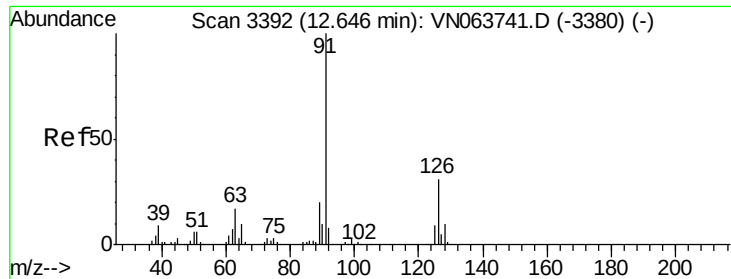
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.541 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

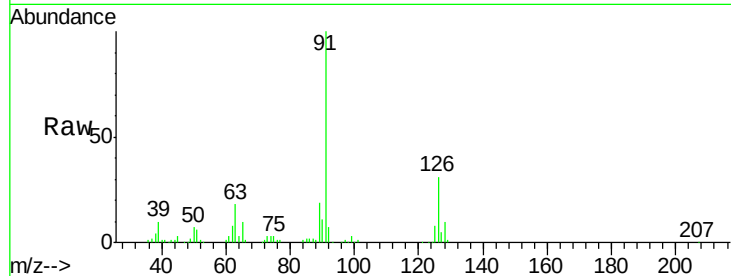
VSTDIC020

Tgt Ion: 91 Resp: 209112

Ion Ratio Lower Upper

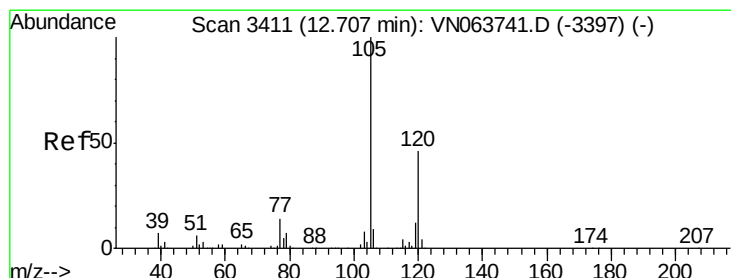
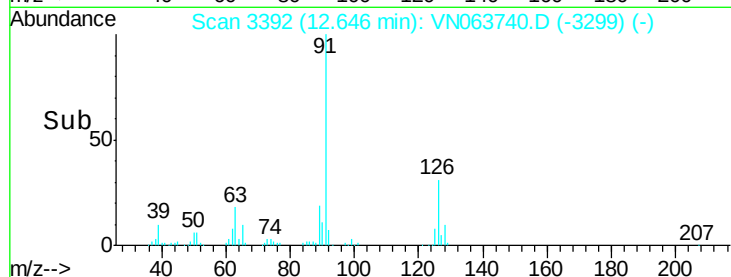
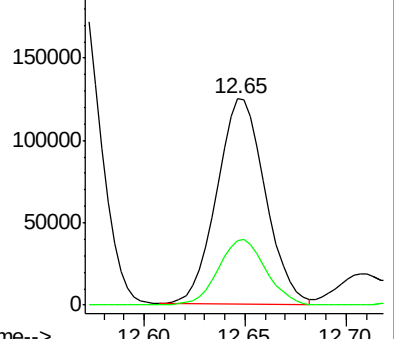
91 100

126 31.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063740.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN063740.D (-3392) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.606 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063740.D

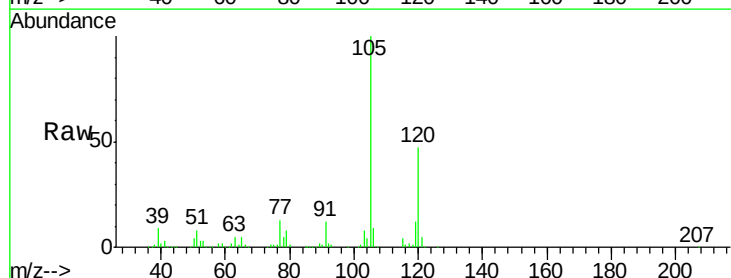
Acq: 30 Sep 2020 10:48

Tgt Ion: 105 Resp: 249859

Ion Ratio Lower Upper

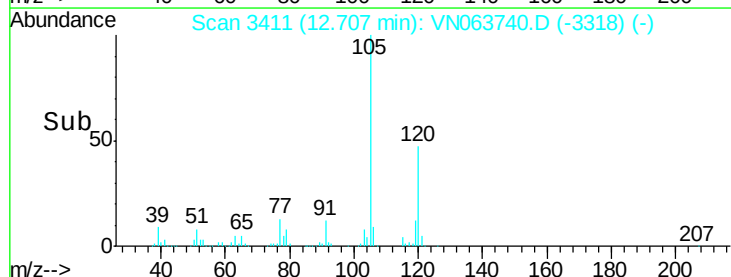
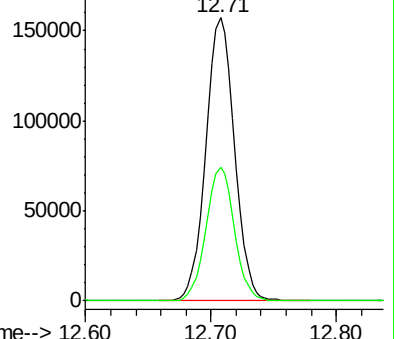
105 100

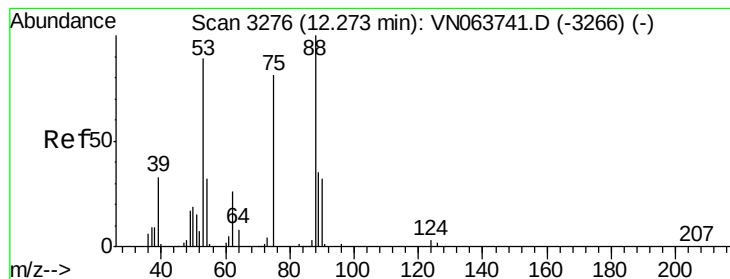
120 46.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063740.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN063740.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.780 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

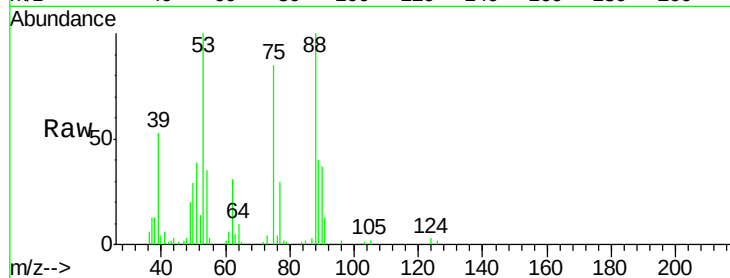
Tgt Ion: 75 Resp: 30334

Ion Ratio Lower Upper

75 100

53 114.2 88.2 132.2

89 46.0 36.0 54.0

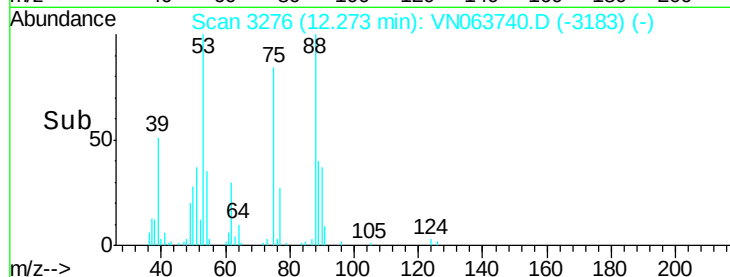


Abundance Ion 74.90 (74.60 to 75.60): VN063740.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063740.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063740.D (-3266) (-)

Time-->

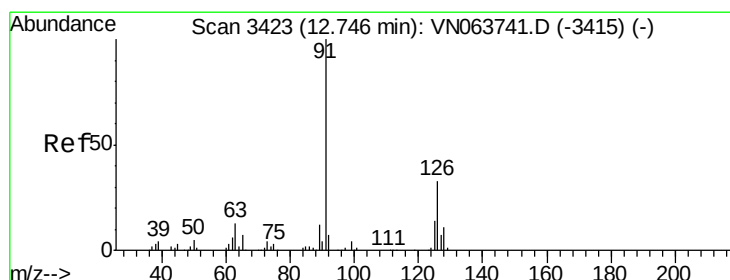


Abundance Ion 74.90 (74.60 to 75.60): VN063740.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063740.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063740.D (-3266) (-)

Time-->



#82

4-Chlorotoluene

Concen: 18.164 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063740.D

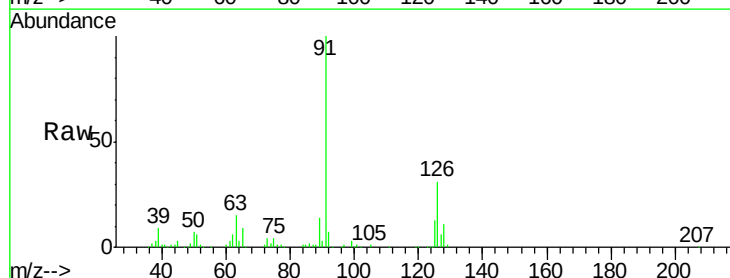
Acq: 30 Sep 2020 10:48

Tgt Ion: 91 Resp: 216703

Ion Ratio Lower Upper

91 100

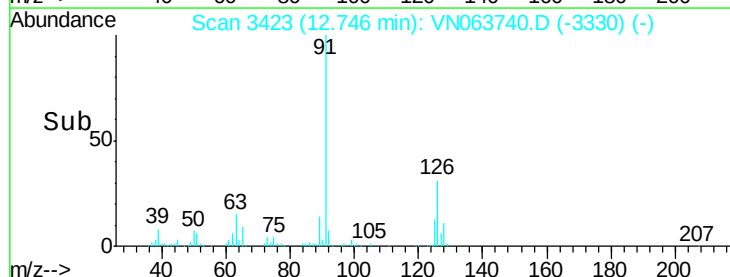
126 31.0 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063740.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063740.D (-3415) (-)

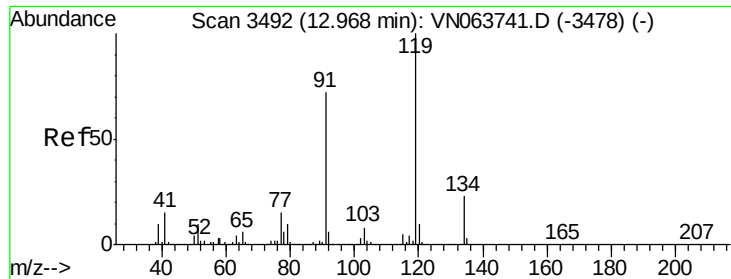
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VN063740.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063740.D (-3415) (-)

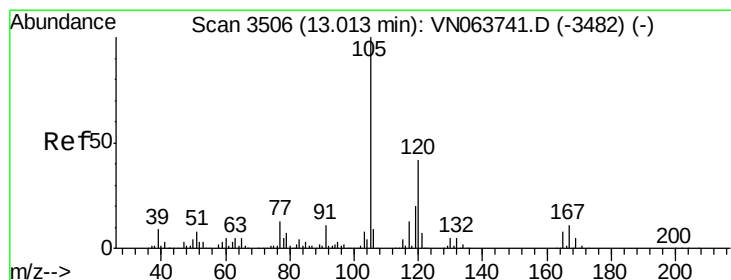
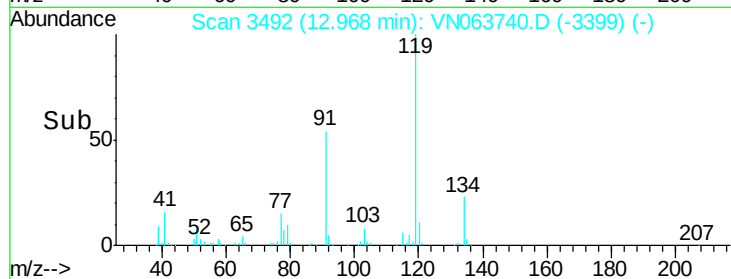
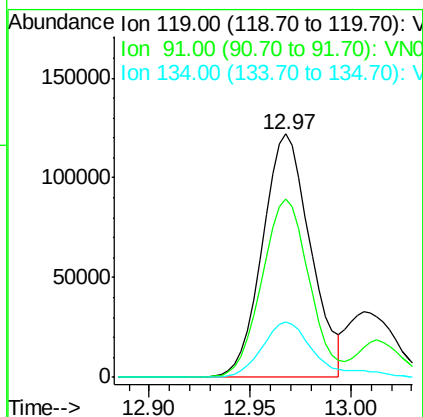
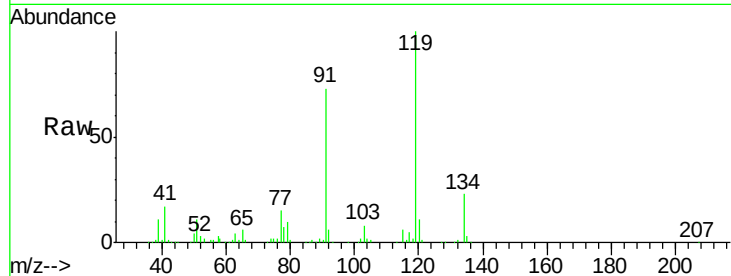
Time-->



#83
 tert-Butylbenzene
 Concen: 18.186 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

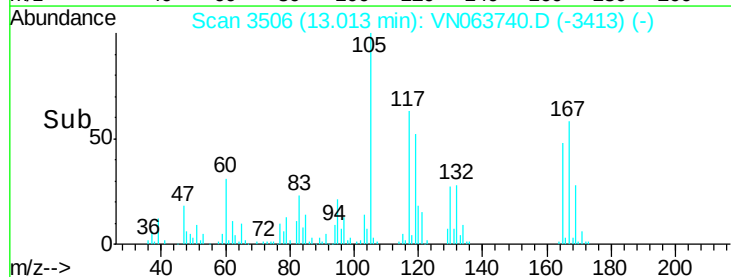
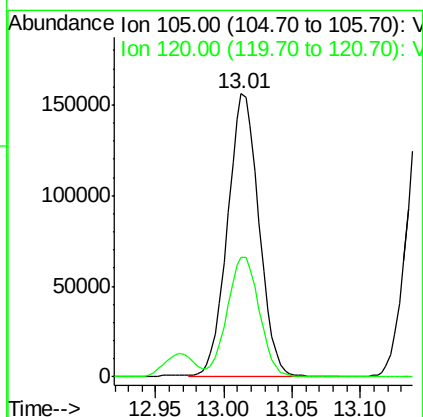
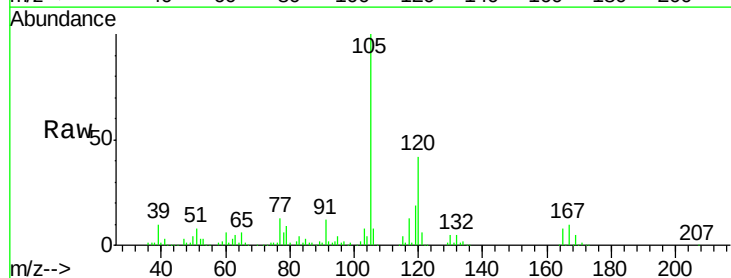
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

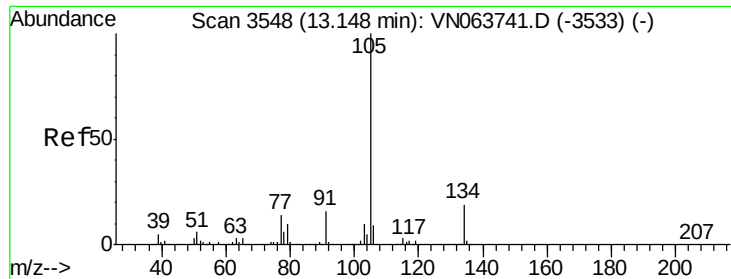
Tgt Ion:119 Resp: 201901
 Ion Ratio Lower Upper
 119 100
 91 72.0 35.5 106.5
 134 25.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.281 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion:105 Resp: 248500
 Ion Ratio Lower Upper
 105 100
 120 43.0 20.9 62.7

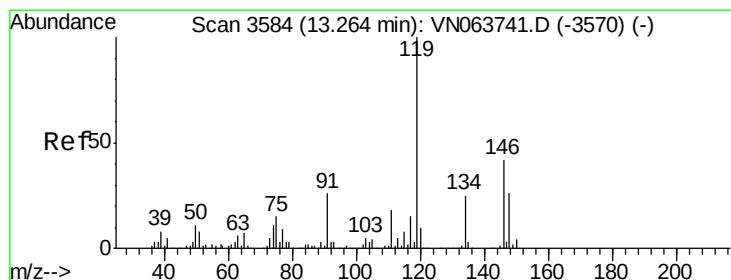
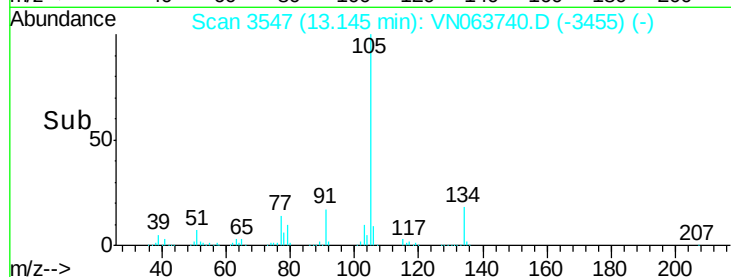
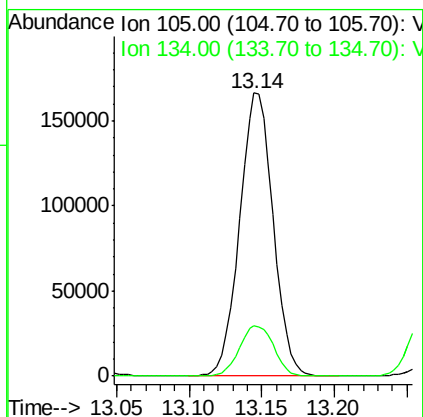
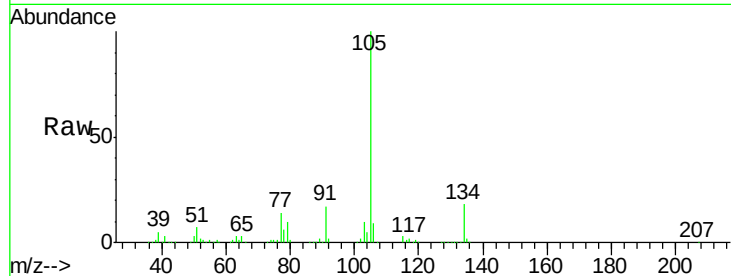




#85
 sec-Butylbenzene
 Concen: 17.921 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

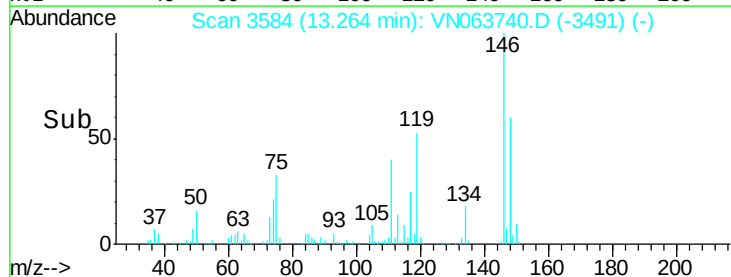
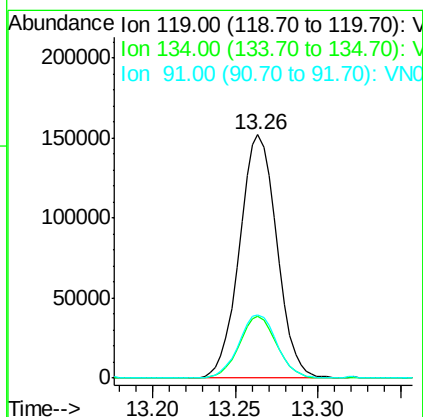
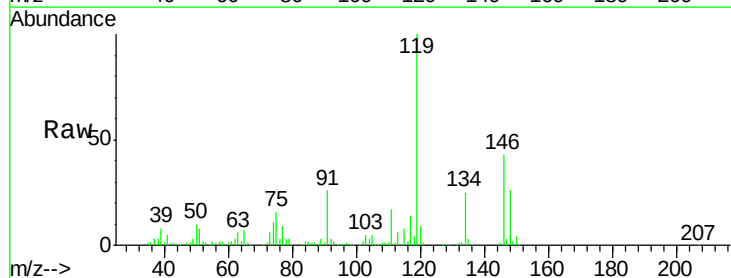
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

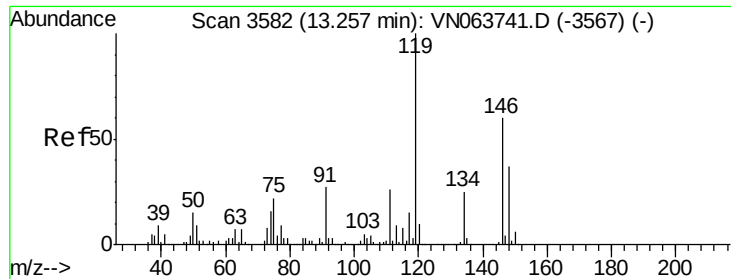
Tgt Ion:105 Resp: 265718
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 18.122 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion:119 Resp: 237160
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 26.3 13.4 40.2

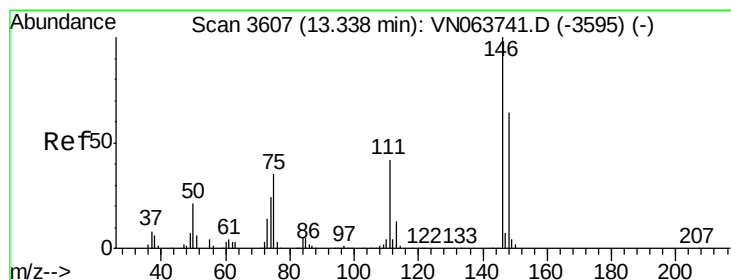
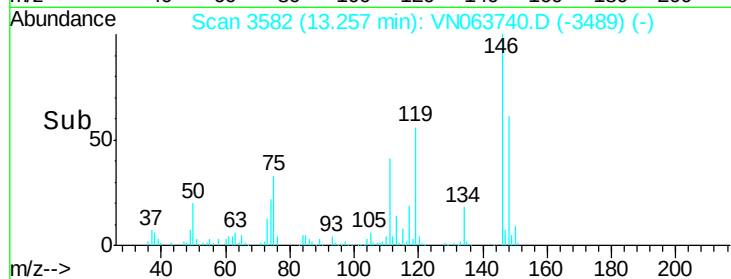
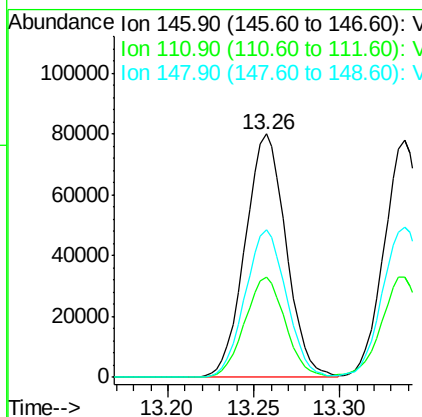
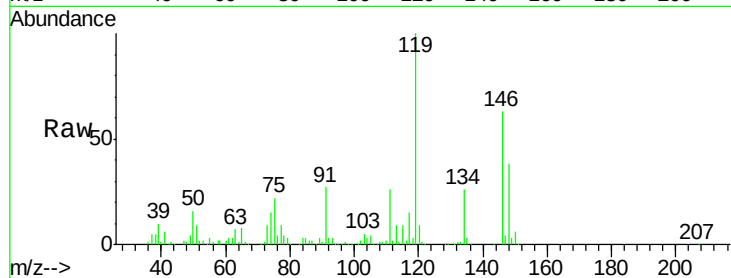




#87
 1,3-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

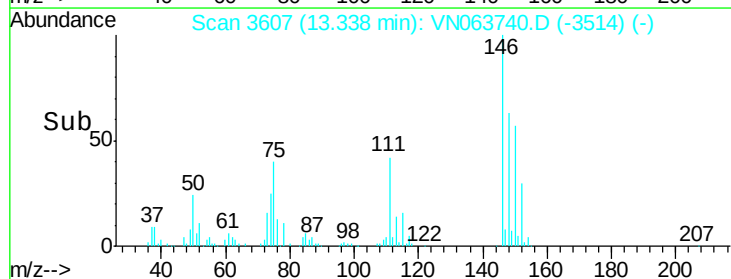
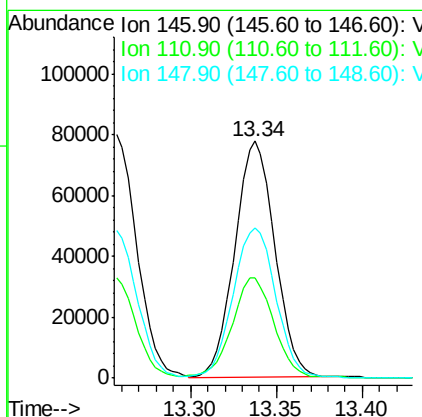
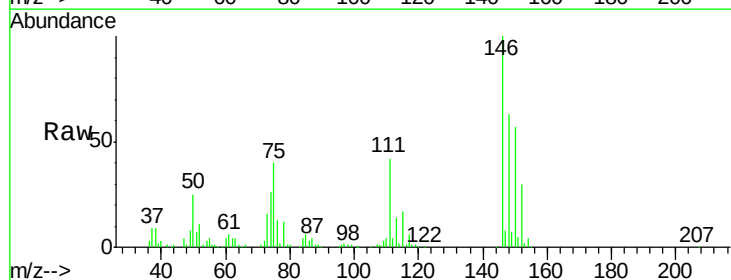
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

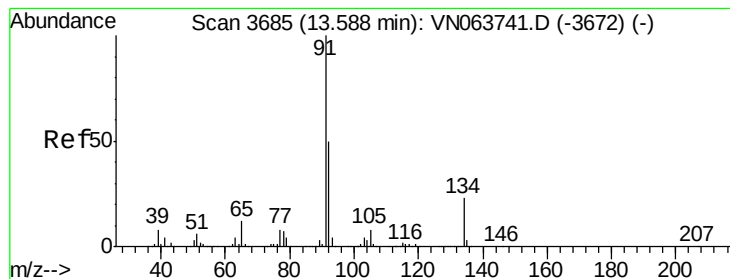
Tgt Ion:146 Resp: 132180
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.5 64.5
 148 60.8 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 18.318 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion:146 Resp: 125708
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 63.7
 148 68.3 32.0 96.0





#89

n-Butylbenzene

Concen: 17.301 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

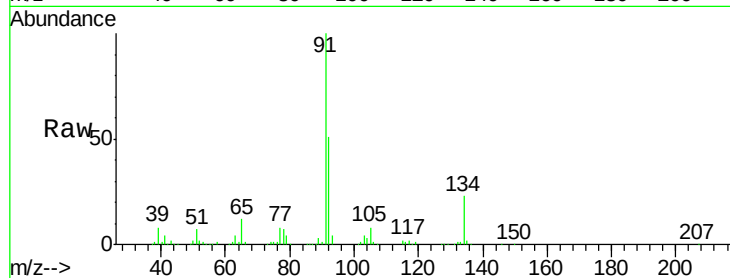
Tgt Ion: 91 Resp: 207782

Ion Ratio Lower Upper

91 100

92 50.3 25.4 76.4

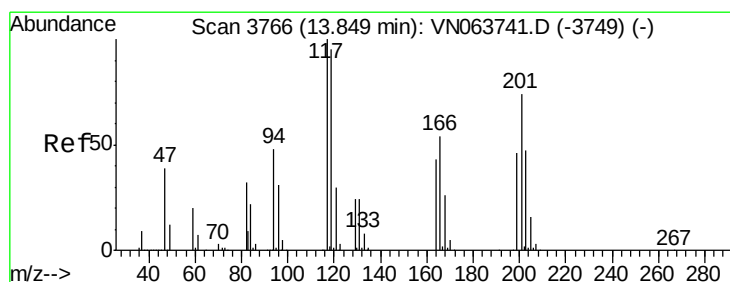
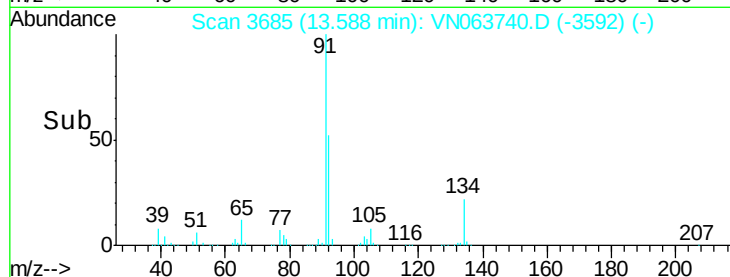
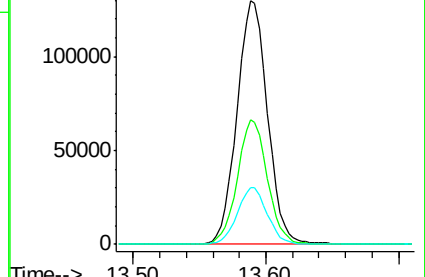
134 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063740.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063740.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063740.D (-3672) (-)



#90

Hexachloroethane

Concen: 17.695 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063740.D

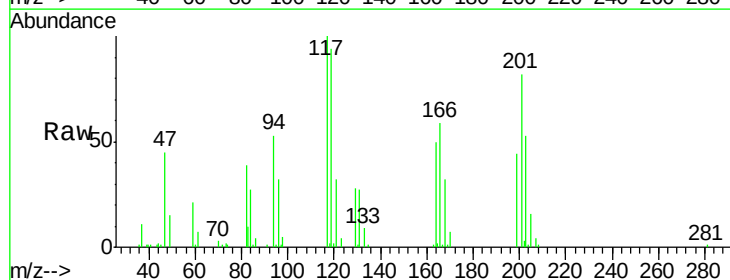
Acq: 30 Sep 2020 10:48

Tgt Ion: 117 Resp: 44274

Ion Ratio Lower Upper

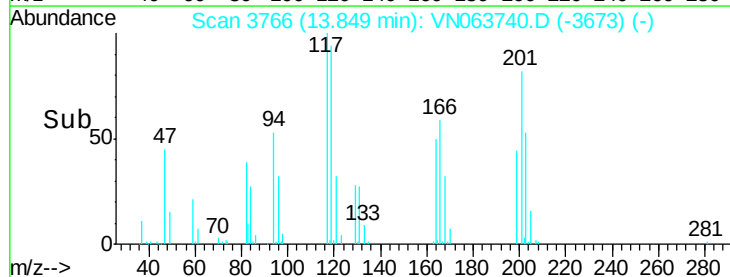
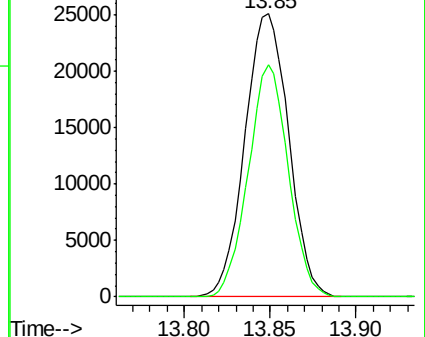
117 100

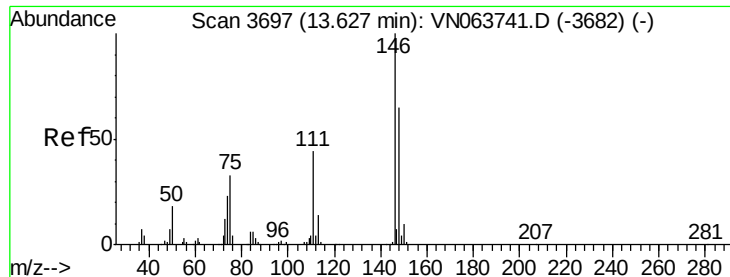
201 75.0 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063740.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063740.D (-3749) (-)

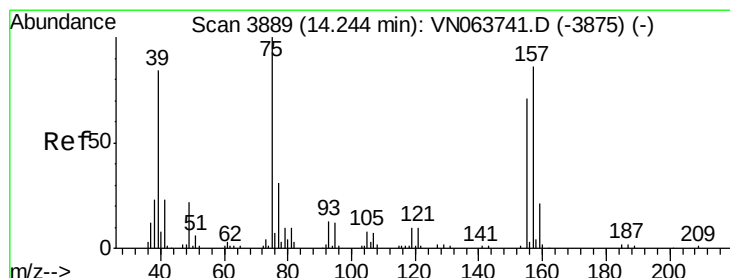
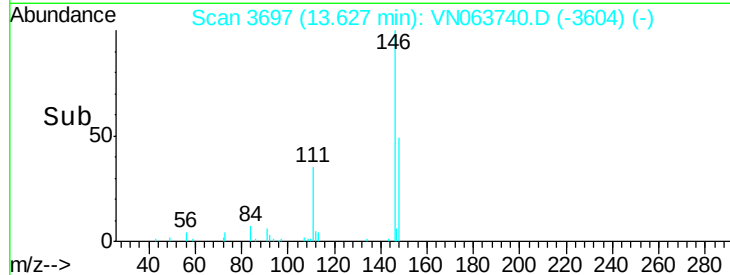
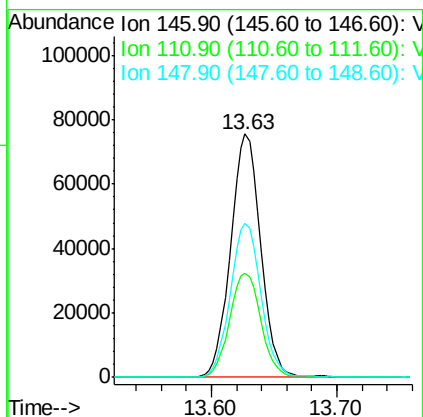
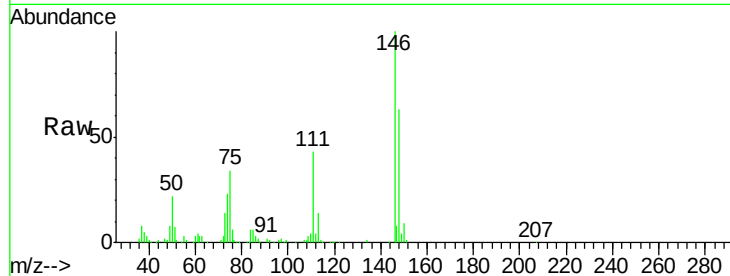




#91
 1,2-Dichlorobenzene
 Concen: 18.974 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

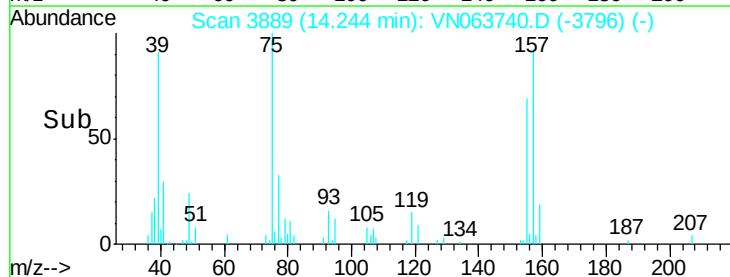
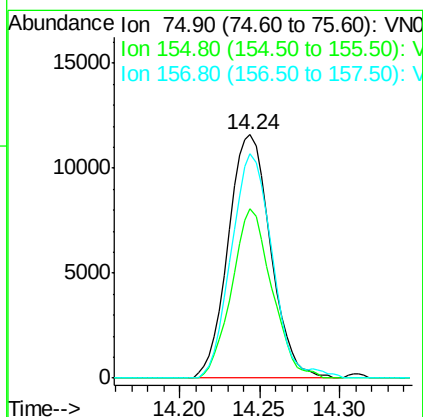
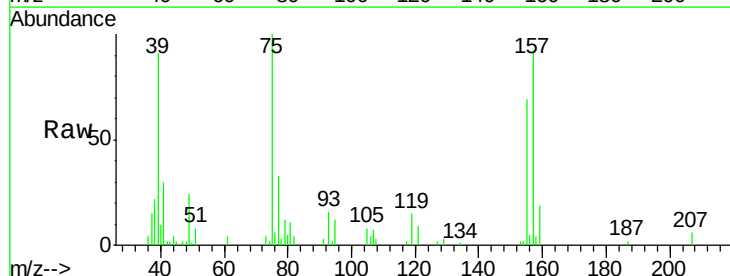
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

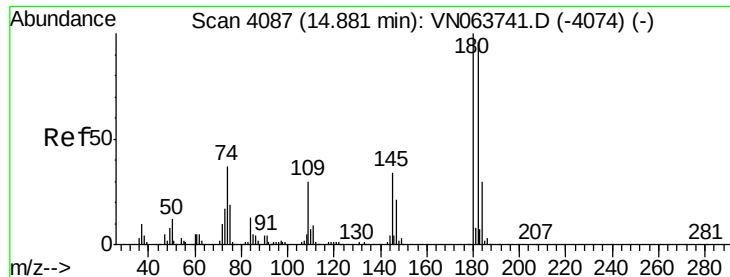
Tgt Ion: 146 Resp: 125703
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.2 66.6
 148 64.8 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.762 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion: 75 Resp: 20936
 Ion Ratio Lower Upper
 75 100
 155 65.5 34.8 104.5
 157 89.3 43.7 131.1

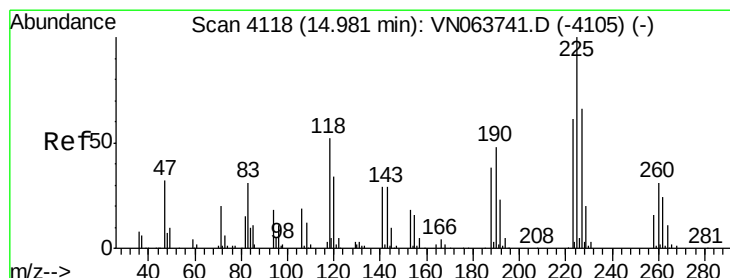
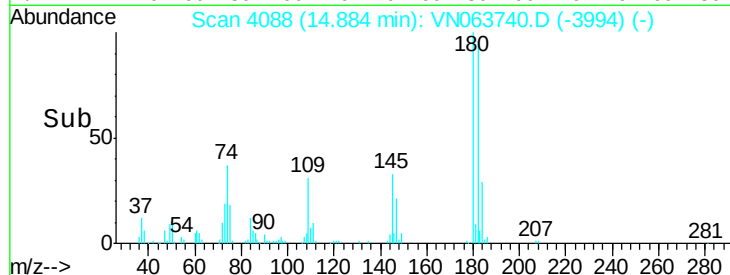
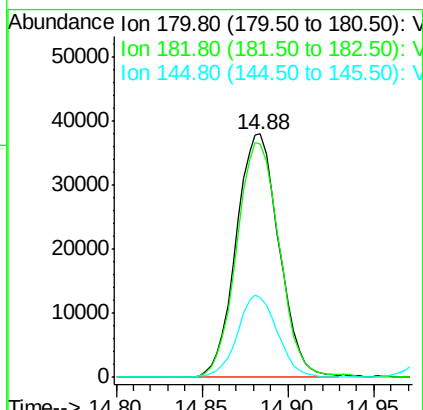
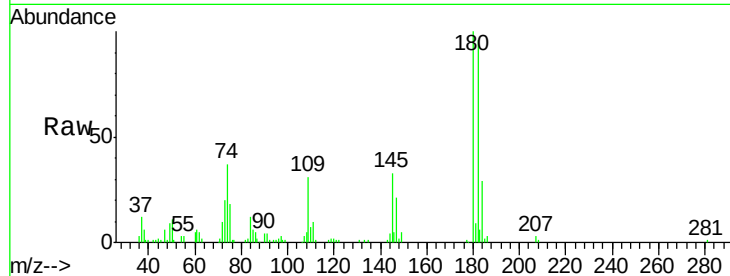




#93
 1,2,4-Trichlorobenzene
 Concen: 17.197 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

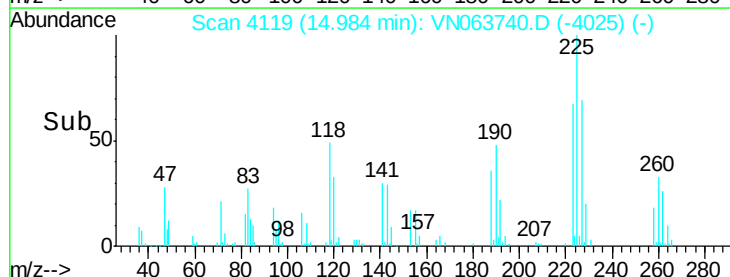
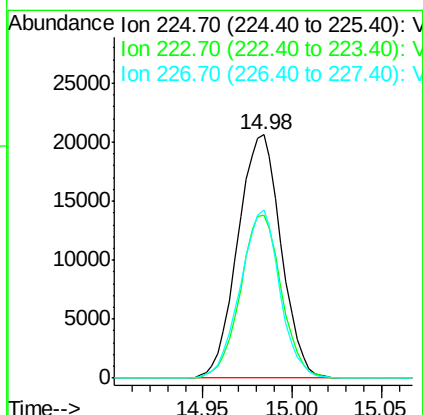
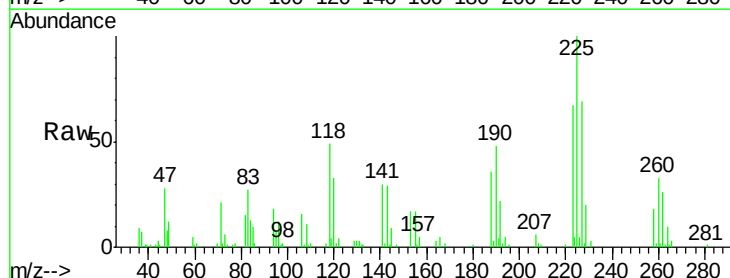
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

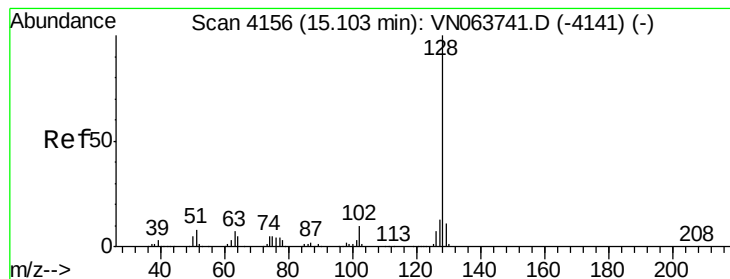
Tgt Ion:180 Resp: 65988
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.2 144.6
 145 31.3 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 21.063 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063740.D
 Acq: 30 Sep 2020 10:48

Tgt Ion:225 Resp: 34821
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.3 91.0
 227 63.3 31.9 95.5





#95

Naphthalene

Concen: 16.199 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

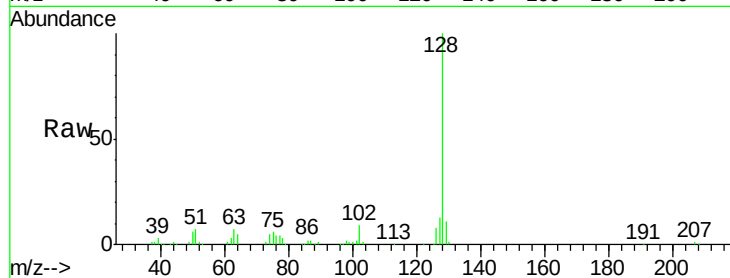
Tgt Ion:128 Resp: 203412

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

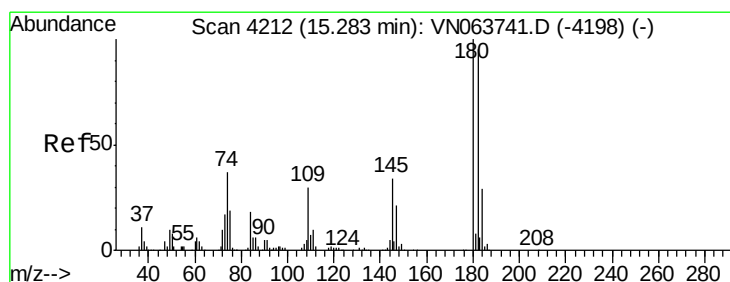
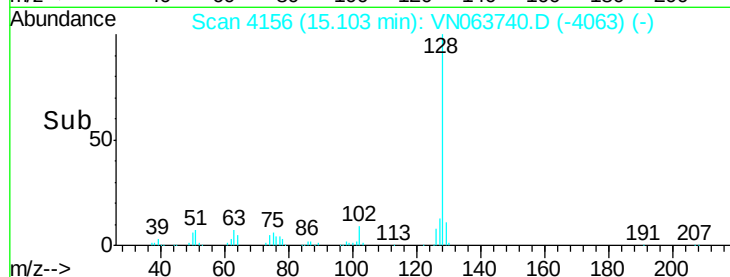
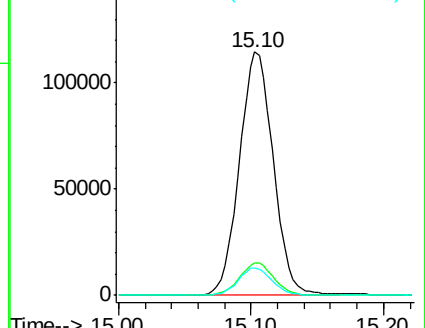
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.447 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063740.D

Acq: 30 Sep 2020 10:48

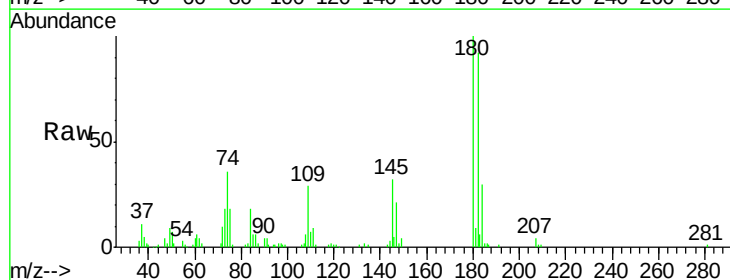
Tgt Ion:180 Resp: 64671

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.6

145 33.4 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

