

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061805.D
 Acq On : 12 Jun 2020 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 05:15:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	318100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	486120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	477366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	252931	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177267	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	7.55	113	138114	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	
50) Toluene-d8	10.06	98	627414	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
62) 4-Bromofluorobenzene	12.38	95	224706	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	166557	45.456	ug/l	99
3) Chloromethane	2.03	50	158659	40.894	ug/l	99
4) Vinyl Chloride	2.16	62	234378	44.083	ug/l	100
5) Bromomethane	2.51	94	151384	49.621	ug/l	100
6) Chloroethane	2.66	64	160745	46.971	ug/l	100
7) Trichlorofluoromethane	2.97	101	342202	49.912	ug/l	99
8) Diethyl Ether	3.37	74	95430	45.519	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	154820	50.887	ug/l	95
10) Methyl Iodide	3.91	142	196221	46.460	ug/l	99
11) Tert butyl alcohol	4.73	59	130544	258.960	ug/l	99
12) 1,1-Dichloroethene	3.69	96	149662	46.044	ug/l	94
13) Acrolein	3.56	56	29049	191.785	ug/l	99
14) Allyl chloride	4.27	41	174904	41.159	ug/l	96
15) Acrylonitrile	4.93	53	336579	239.206	ug/l	100
16) Acetone	3.77	43	250093	239.167	ug/l	97
17) Carbon Disulfide	4.01	76	273129	38.193	ug/l	99
18) Methyl Acetate	4.27	43	169072	49.279	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	503237	45.427	ug/l	98
20) Methylene Chloride	4.50	84	177537	51.594	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	173005	47.196	ug/l	92
22) Diisopropyl ether	5.90	45	428445	45.745	ug/l	98
23) Vinyl Acetate	5.84	43	1537452	205.959	ug/l	97
24) 1,1-Dichloroethane	5.80	63	281435	47.387	ug/l	99
25) 2-Butanone	6.78	43	393470	219.060	ug/l	96
26) 2,2-Dichloropropane	6.78	77	228886	42.107	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	205412	49.487	ug/l	97
28) Bromochloromethane	7.15	49	97495	43.548	ug/l	91
29) Tetrahydrofuran	7.17	42	261660	220.917	ug/l	94
30) Chloroform	7.33	83	327055	49.776	ug/l	99
31) Cyclohexane	7.61	56	224048	41.946	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	291737	48.728	ug/l	99
36) 1,1-Dichloropropene	7.75	75	226692	52.677	ug/l	99
37) Ethyl Acetate	6.88	43	169127	48.794	ug/l	98
38) Carbon Tetrachloride	7.73	117	245211	59.073	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	251761	47.464	ug/l	98
40) Benzene	8.00	78	712279	53.643	ug/l	99
41) Methacrylonitrile	7.12	41	76479	48.159	ug/l #	91
42) 1,2-Dichloroethane	8.08	62	231248	52.021	ug/l	100
43) Isopropyl Acetate	8.13	43	289585	46.438	ug/l	92
44) Trichloroethene	8.80	130	223742	54.830	ug/l	94
45) 1,2-Dichloropropane	9.08	63	170885	54.199	ug/l	99
46) Dibromomethane	9.17	93	129679	53.628	ug/l	96
47) Bromodichloromethane	9.37	83	266910	55.712	ug/l	100
48) Methyl methacrylate	9.17	41	127645	45.496	ug/l	93
49) 1,4-Dioxane	9.17	88	68647	1579.389	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	871883	248.109	ug/l	97
52) Toluene	10.12	92	480484	55.442	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	268021	51.932	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	291502	52.530	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	192737	55.821	ug/l	97
56) Ethyl methacrylate	10.40	69	250180	51.871	ug/l	98
57) 1,3-Dichloropropane	10.68	76	302083	54.703	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	434787	210.944	ug/l	98
59) 2-Hexanone	10.72	43	627967	248.824	ug/l	97
60) Dibromochloromethane	10.87	129	228703	58.264	ug/l	99
61) 1,2-Dibromoethane	10.98	107	203014	56.377	ug/l	98
64) Tetrachloroethene	10.60	164	247704	55.125	ug/l	98
65) Chlorobenzene	11.41	112	531669	53.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	206489	55.888	ug/l	99
67) Ethyl Benzene	11.48	91	919090	53.590	ug/l	100
68) m/p-Xylenes	11.60	106	727869	107.037	ug/l	98
69) o-Xylene	11.92	106	345753	53.532	ug/l	98
70) Styrene	11.94	104	595295	55.656	ug/l	99
71) Bromoform	12.10	173	166906	58.625	ug/l #	100
73) Isopropylbenzene	12.22	105	931999	50.486	ug/l	99
74) N-amyl acetate	12.05	43	248768	42.790	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	249483	48.225	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	319052	69.370	ug/l #	100
77) Bromobenzene	12.50	156	245928	52.189	ug/l	96
78) n-propylbenzene	12.57	91	1037448	50.339	ug/l	100
79) 2-Chlorotoluene	12.65	91	605030	49.234	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	775753	50.277	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	78921	43.881	ug/l	97
82) 4-Chlorotoluene	12.75	91	634941	49.114	ug/l	99
83) tert-Butylbenzene	12.97	119	669485	49.108	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	782294	51.036	ug/l	98
85) sec-Butylbenzene	13.15	105	866257	49.311	ug/l	100
86) p-Isopropyltoluene	13.26	119	808751	49.991	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	444737	53.297	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	439819	51.739	ug/l	99
89) n-Butylbenzene	13.59	91	656352	48.438	ug/l	99
90) Hexachloroethane	13.85	117	113411	63.389	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	424352	53.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	44352	42.038	ug/l	89

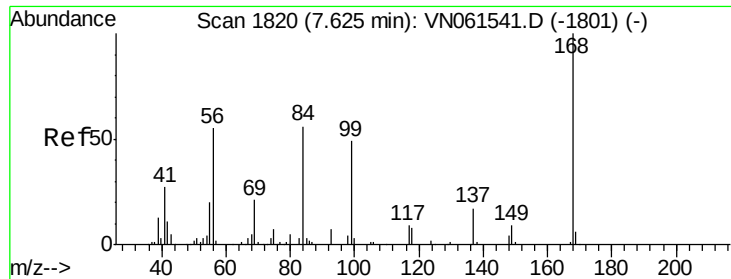
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	238796	51.203	ug/l	99
94) Hexachlorobutadiene	14.99	225	101285	50.922	ug/l	99
95) Naphthalene	15.10	128	660741	46.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	238903	52.101	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

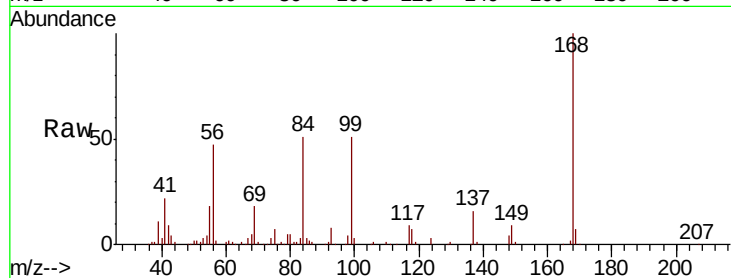
VSTDCCC050EC

Tot Ion:168 Resp: 318100

Ion Ratio Lower Upper

168 100

99 50.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

100000

50000

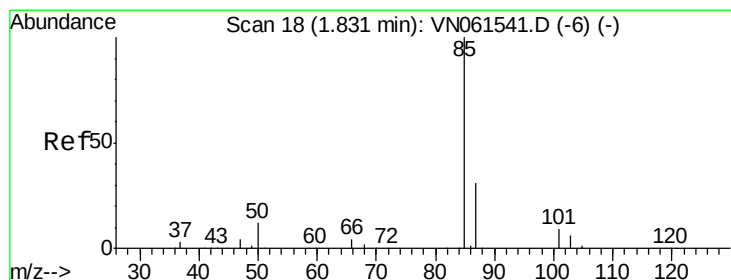
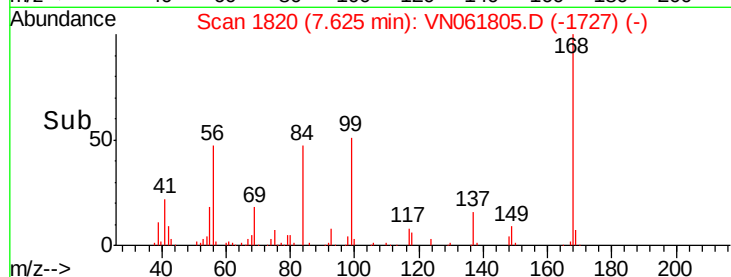
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.456 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061805.D

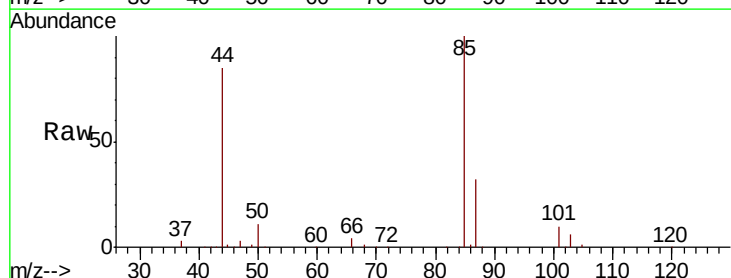
Acq: 12 Jun 2020 20:41

Tgt Ion: 85 Resp: 166557

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

50000

0

1.75

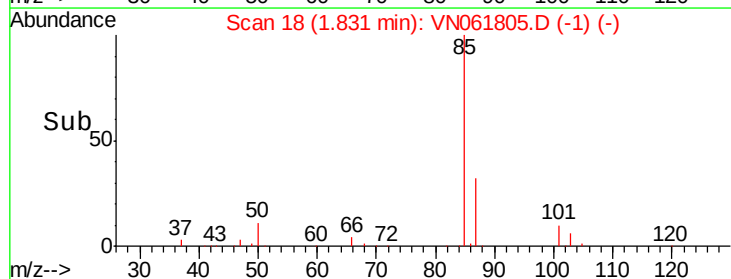
1.80

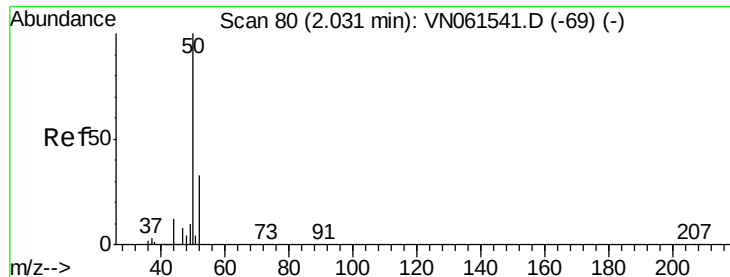
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 40.894 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

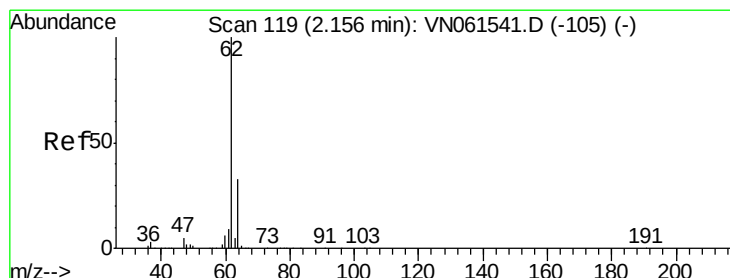
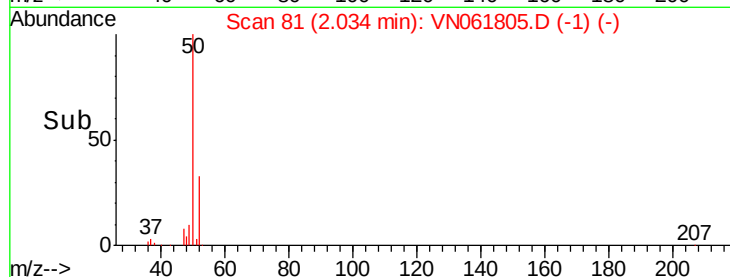
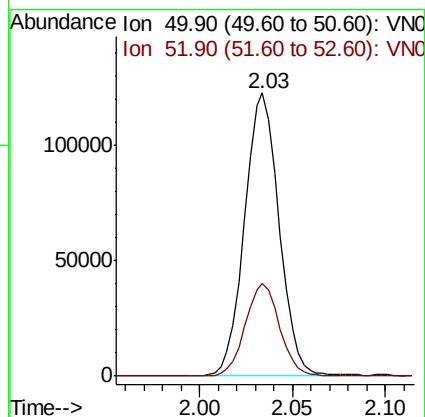
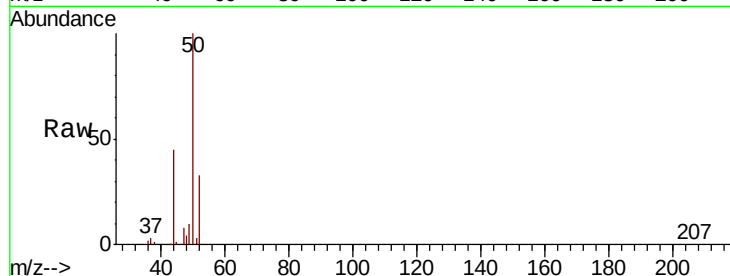
VSTDCCC050EC

Tot Ion: 50 Resp: 158659

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 44.083 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061805.D

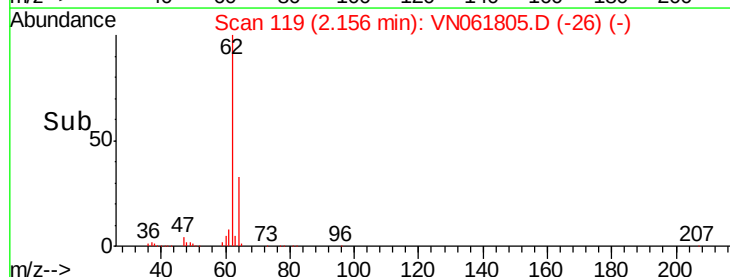
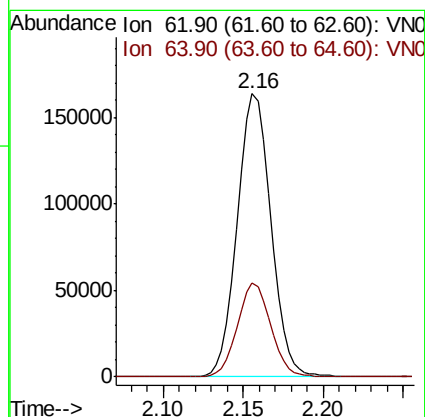
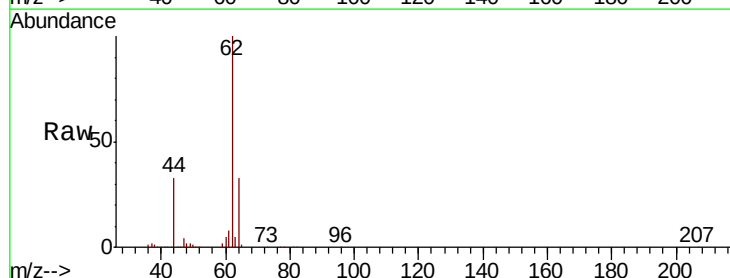
Acq: 12 Jun 2020 20:41

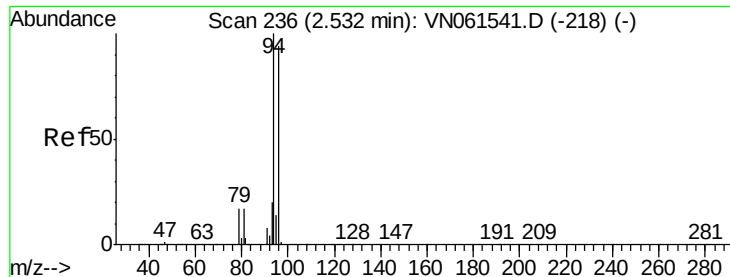
Tgt Ion: 62 Resp: 234378

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.2





#5

Bromomethane

Concen: 49.621 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.02 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

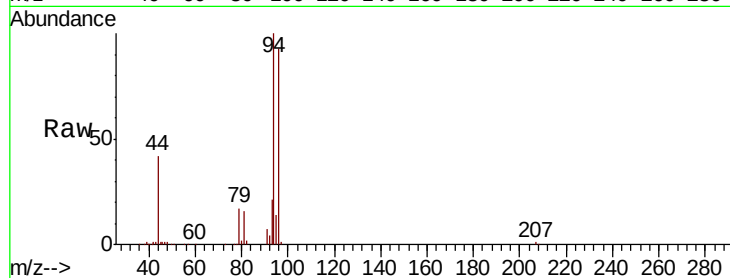
VSTDCCC050EC

Tot Ion: 94 Resp: 151384

Ion Ratio Lower Upper

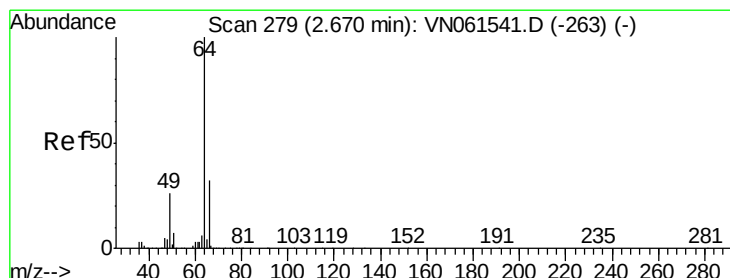
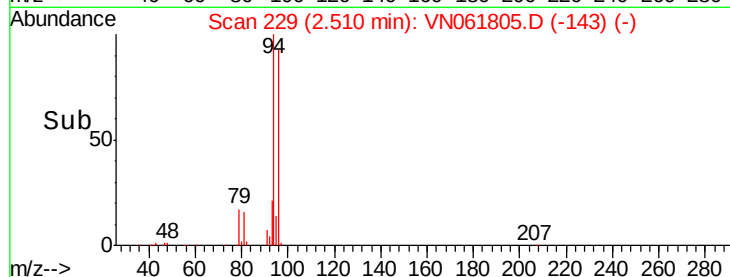
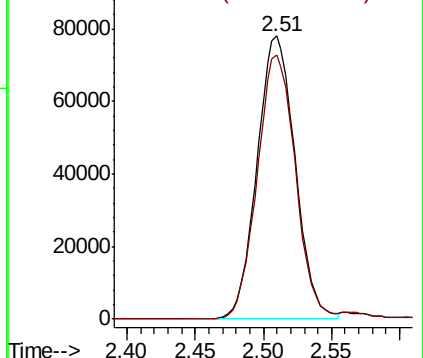
94 100

96 93.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.971 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN061805.D

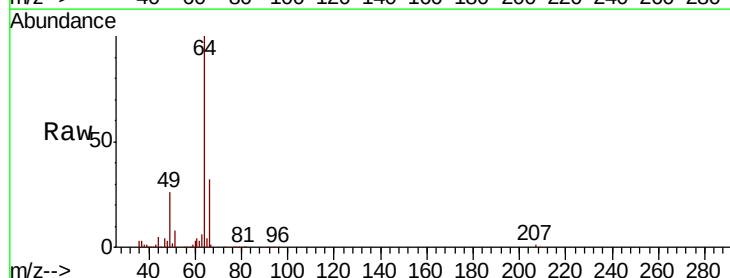
Acq: 12 Jun 2020 20:41

Tgt Ion: 64 Resp: 160745

Ion Ratio Lower Upper

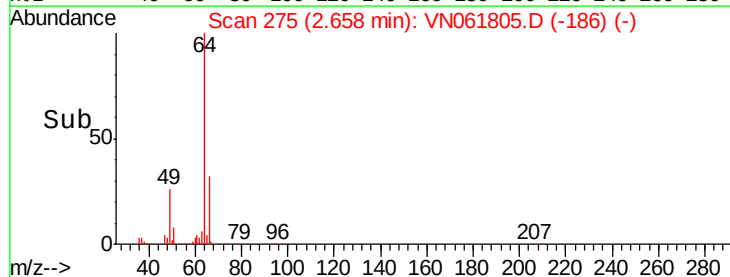
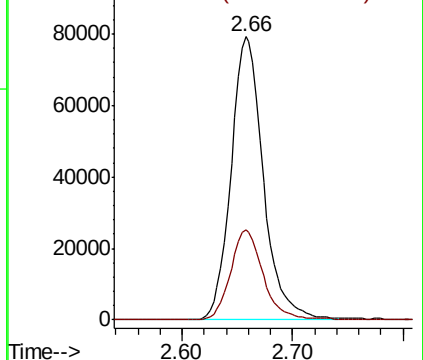
64 100

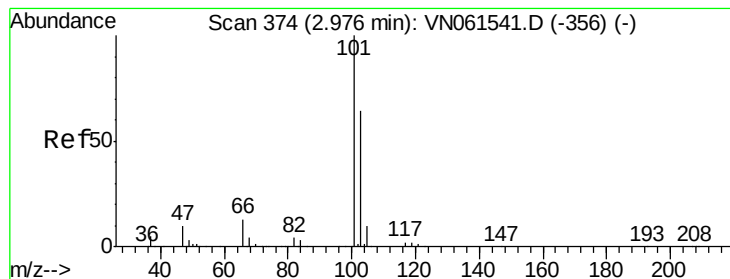
66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



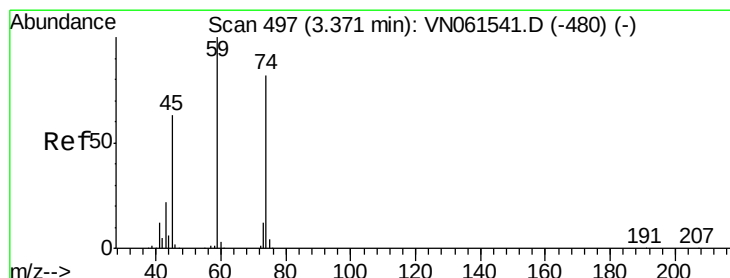
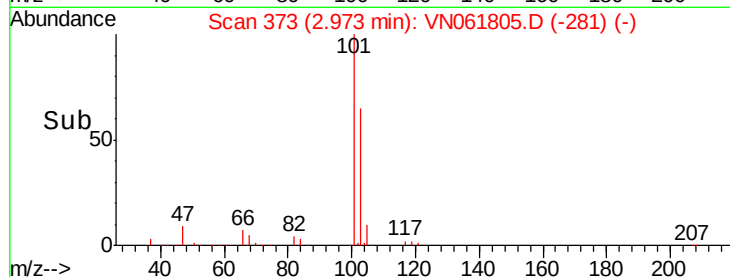
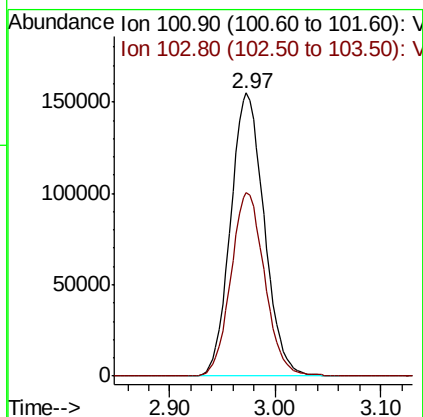
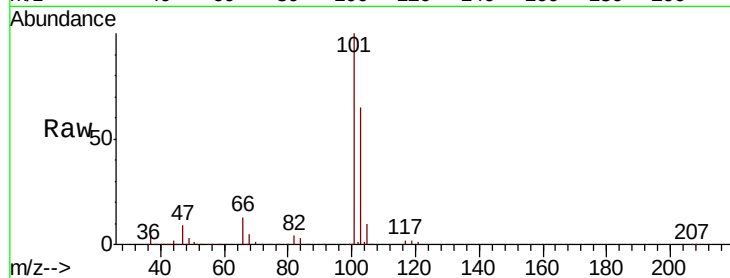


#7

Trichlorofluoromethane
Concen: 49.912 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Instrument :
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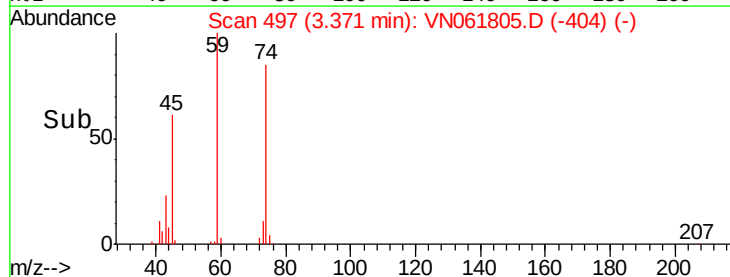
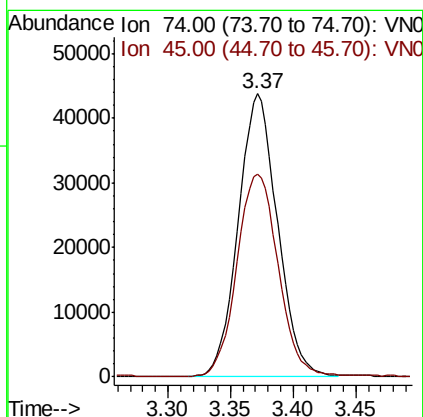
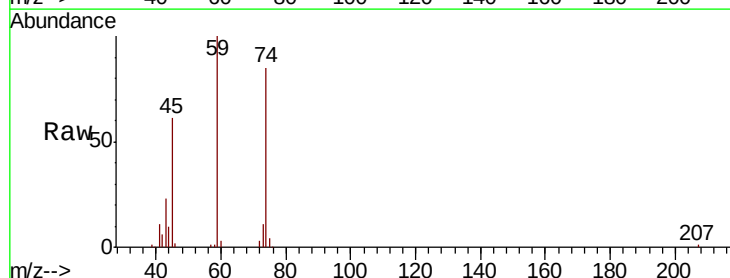
Tot Ion:101 Resp: 342202
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

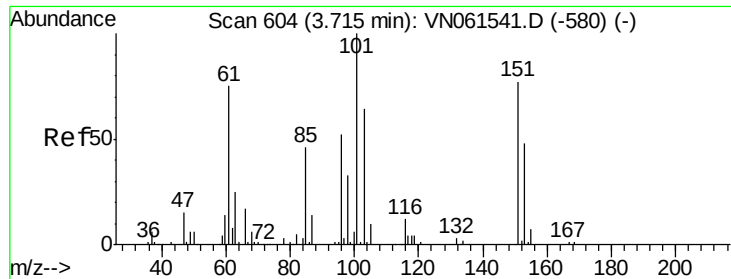


#8

Diethyl Ether
Concen: 45.519 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 74 Resp: 95430
Ion Ratio Lower Upper
74 100
45 75.8 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.887 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

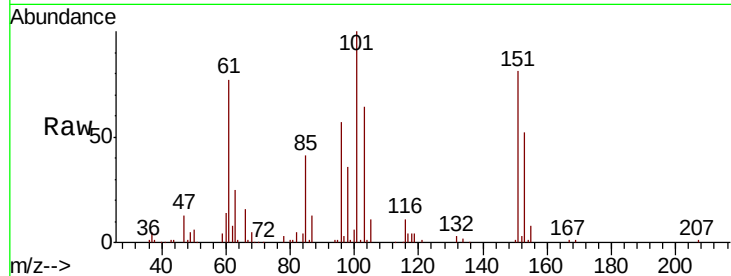
Tot Ion:101 Resp: 154820

Ion Ratio Lower Upper

101 100

85 42.6 35.2 52.8

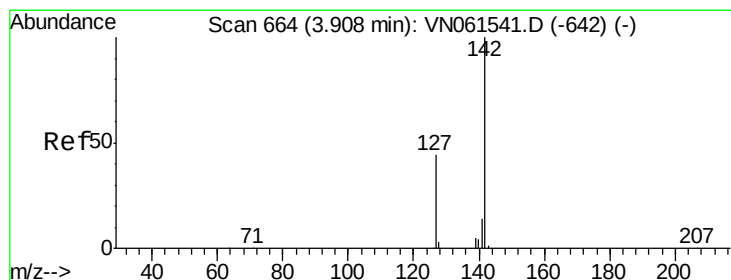
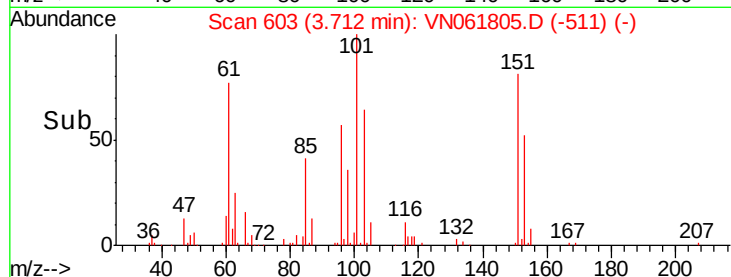
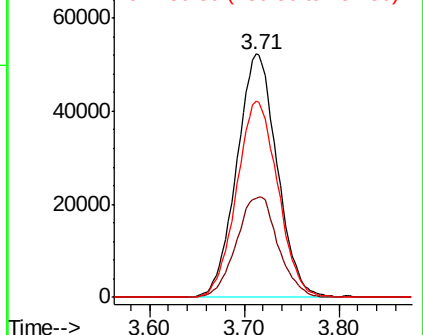
151 82.4 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.460 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

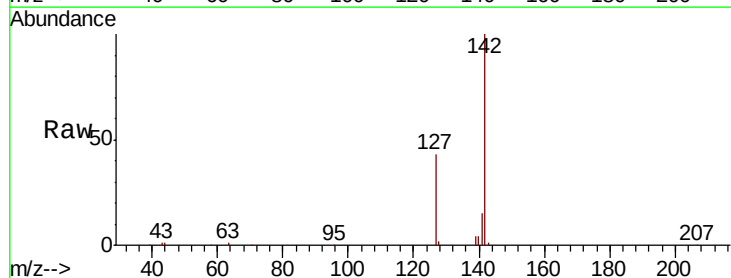
Tgt Ion:142 Resp: 196221

Ion Ratio Lower Upper

142 100

127 43.3 35.5 53.3

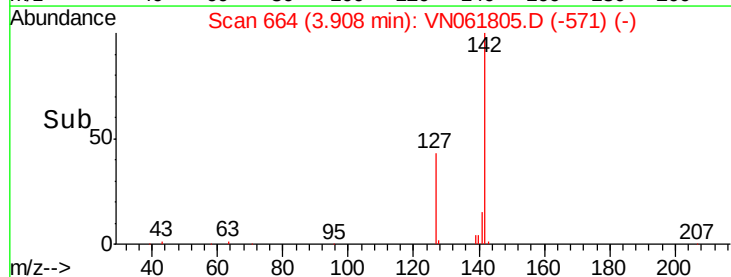
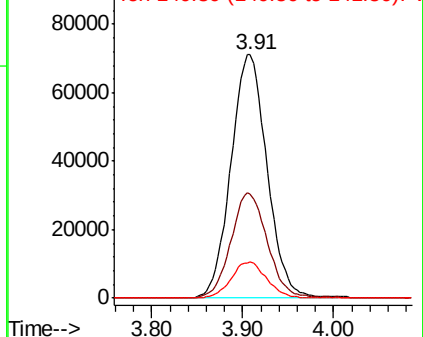
141 14.5 11.5 17.3

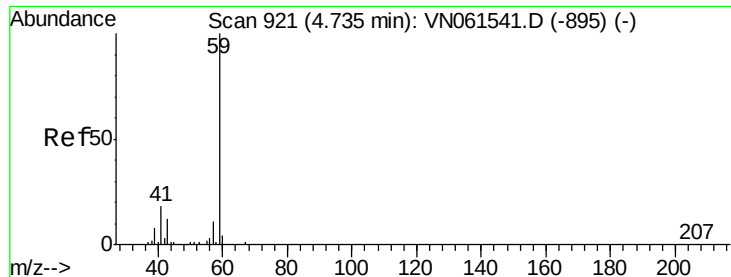


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



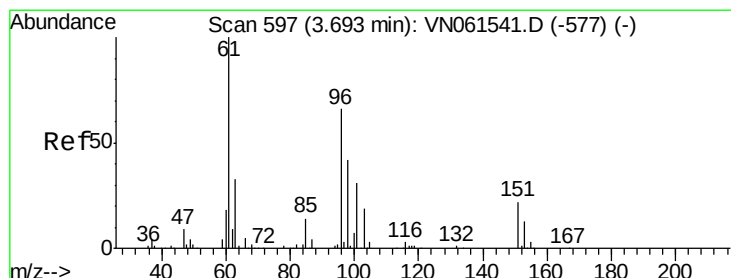
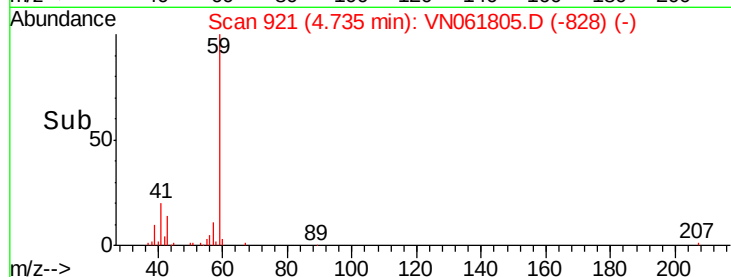
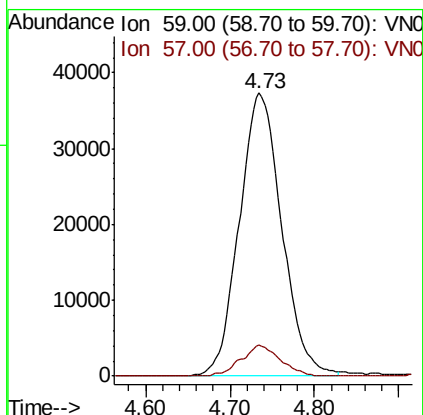
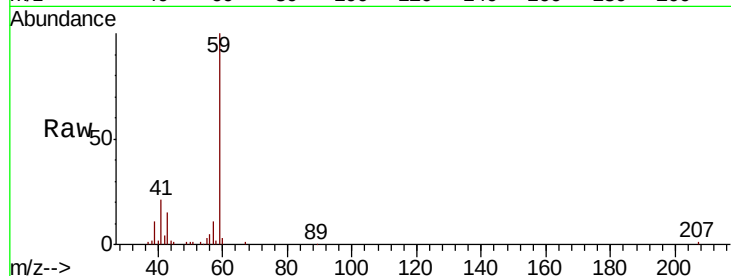


#11

Tert butyl alcohol
 Concen: 258.960 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

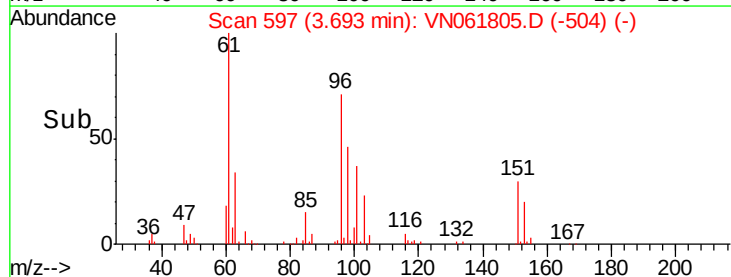
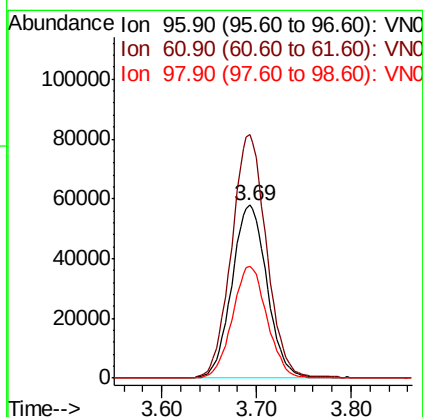
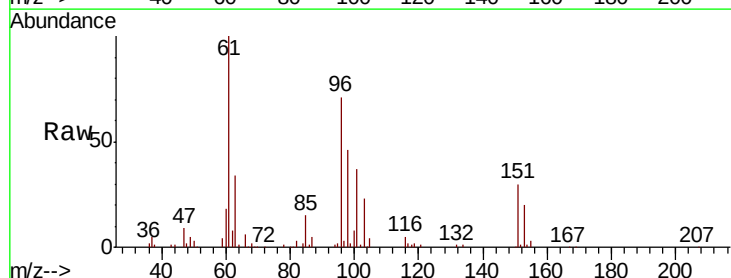
Tot Ion: 59 Resp: 130544
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

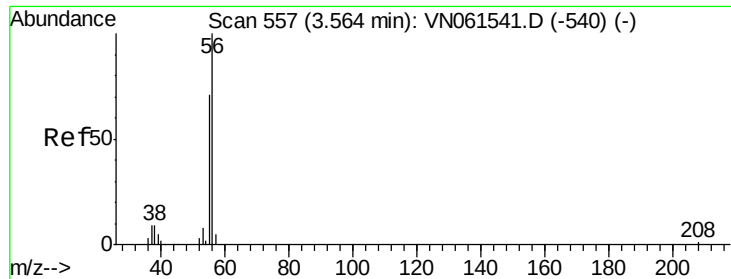


#12

1,1-Dichloroethene
 Concen: 46.044 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion: 96 Resp: 149662
 Ion Ratio Lower Upper
 96 100
 61 141.0 120.5 180.7
 98 64.5 50.8 76.2

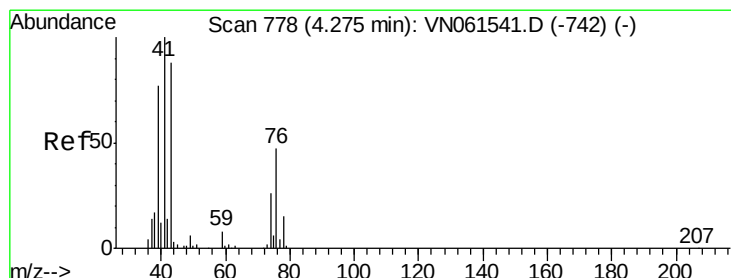
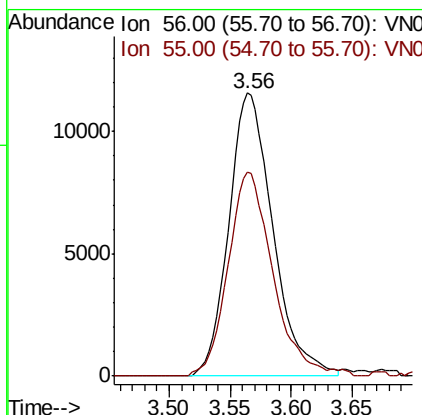
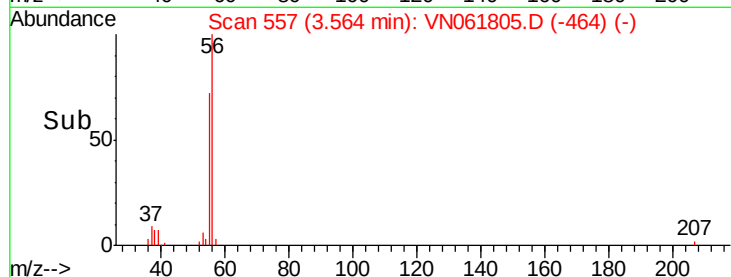
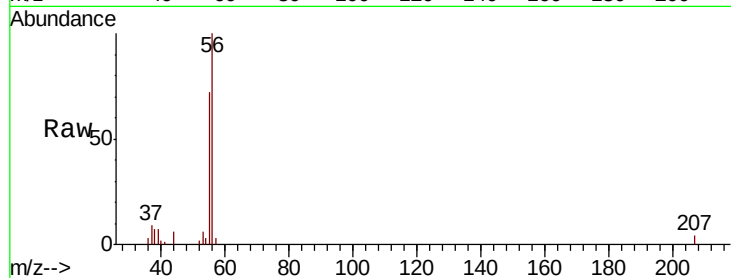




#13
Acrolein
Concen: 191.785 ug/l
RT: 3.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

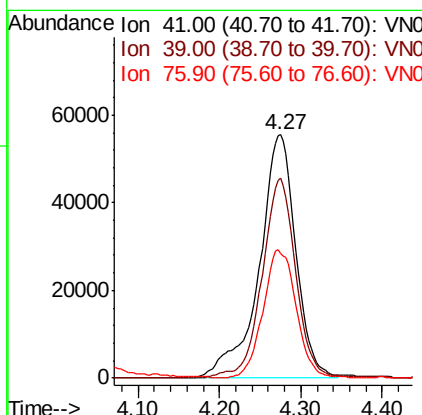
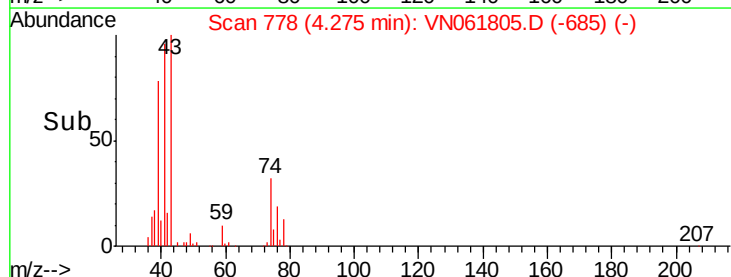
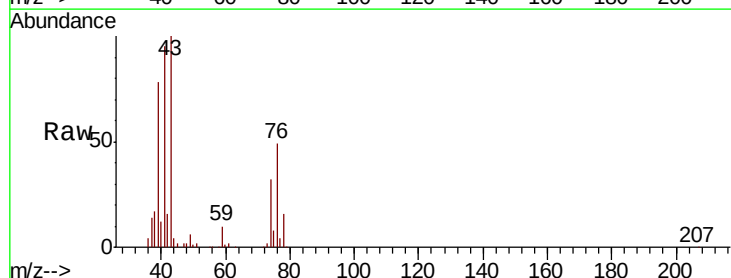
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

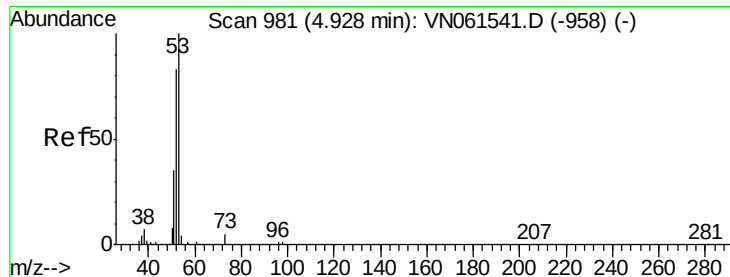
Tot Ion: 56 Resp: 29049
Ion Ratio Lower Upper
56 100
55 73.4 58.0 87.0



#14
Allyl chloride
Concen: 41.159 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 41 Resp: 174904
Ion Ratio Lower Upper
41 100
39 75.1 58.6 88.0
76 47.3 34.2 51.4





#15

Acrylonitrile

Concen: 239.206 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

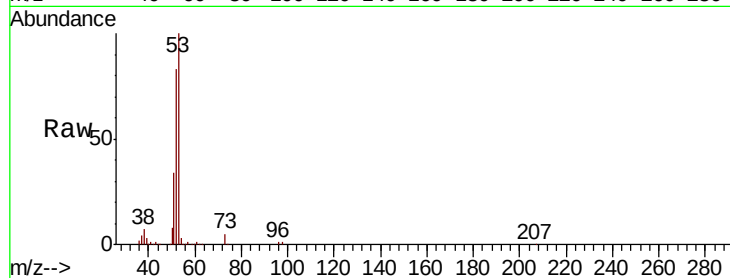
Tot Ion: 53 Resp: 336579

Ion Ratio Lower Upper

53 100

52 81.2 65.4 98.2

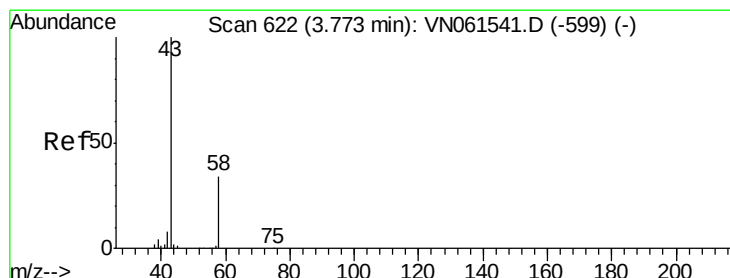
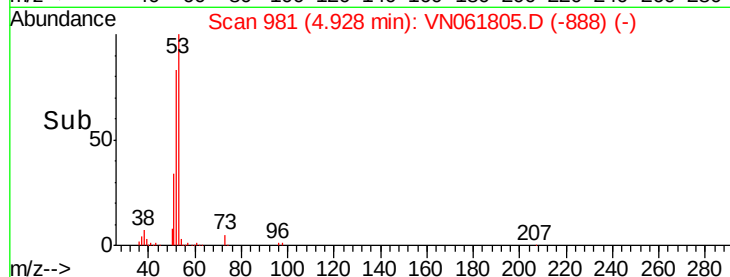
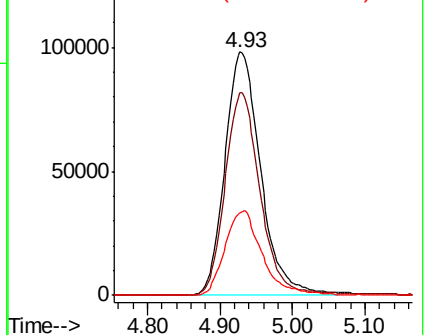
51 36.2 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061805.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061805.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061805.D (-958) (-)



#16

Acetone

Concen: 239.167 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061805.D

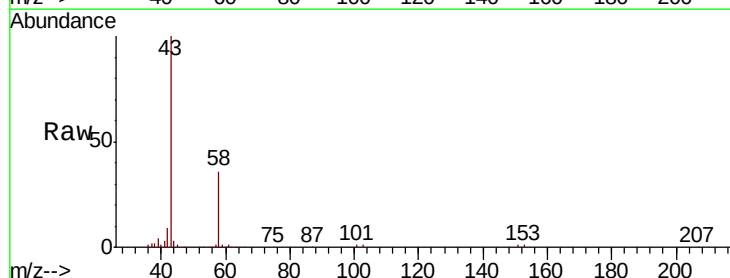
Acq: 12 Jun 2020 20:41

Tgt Ion: 43 Resp: 250093

Ion Ratio Lower Upper

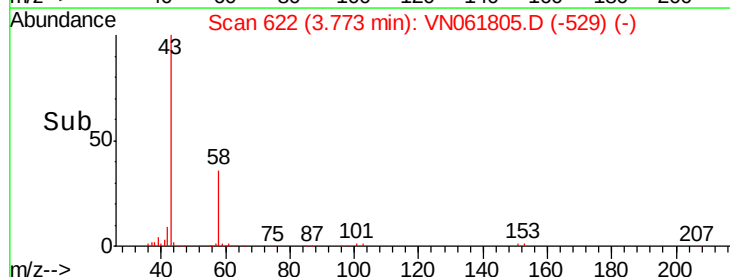
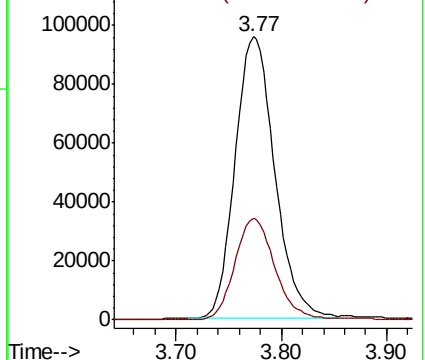
43 100

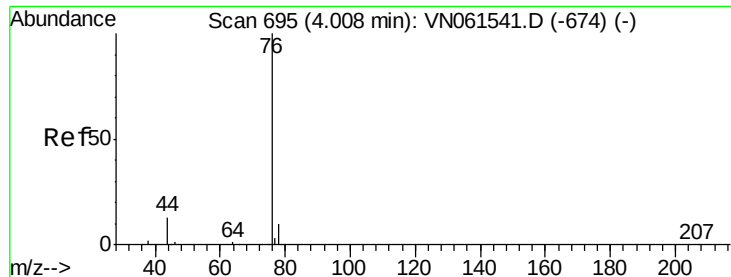
58 35.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061805.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061805.D (-529) (-)





#17

Carbon Disulfide

Concen: 38.193 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

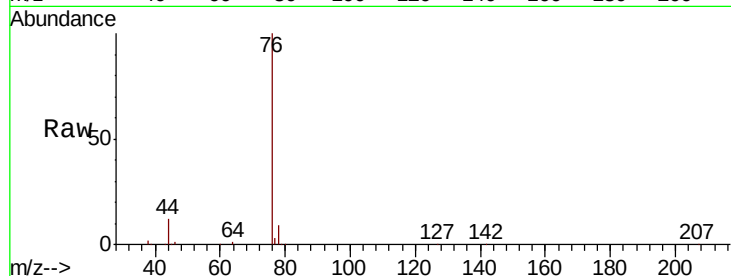
VSTDCCC050EC

Tot Ion: 76 Resp: 273129

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061805.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN061805.D (-602) (-)

4.01

100000

80000

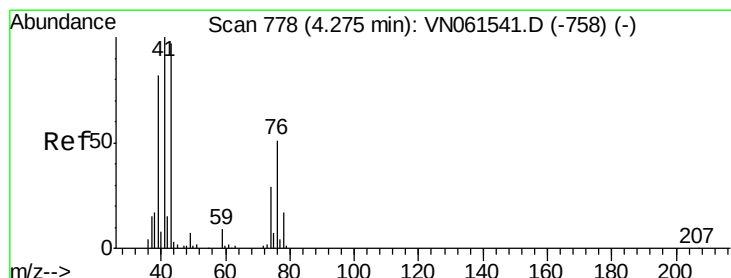
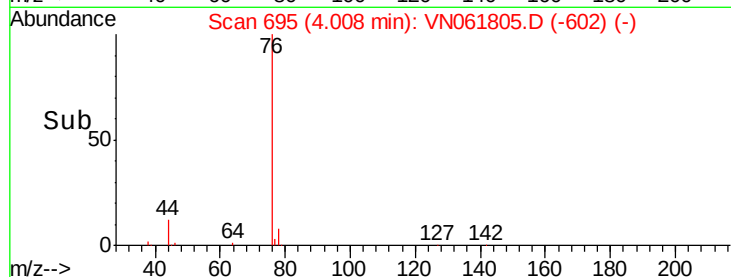
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.279 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061805.D

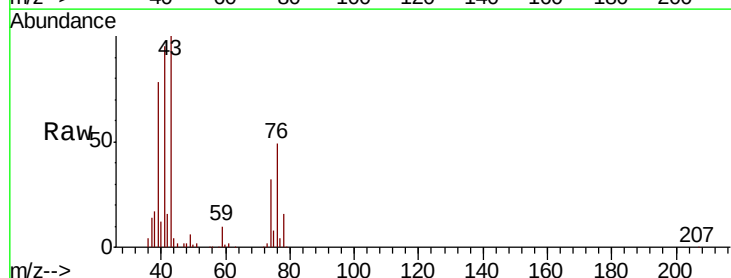
Acq: 12 Jun 2020 20:41

Tgt Ion: 43 Resp: 169072

Ion Ratio Lower Upper

43 100

74 31.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061805.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061805.D (-685) (-)

4.27

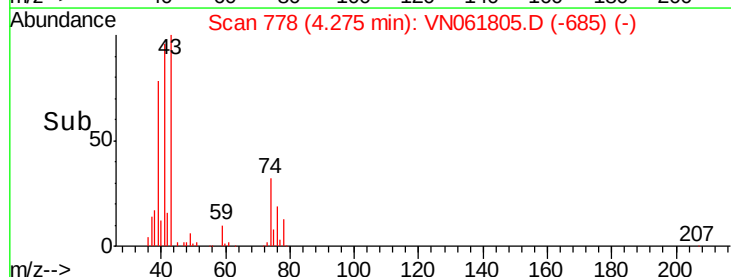
60000

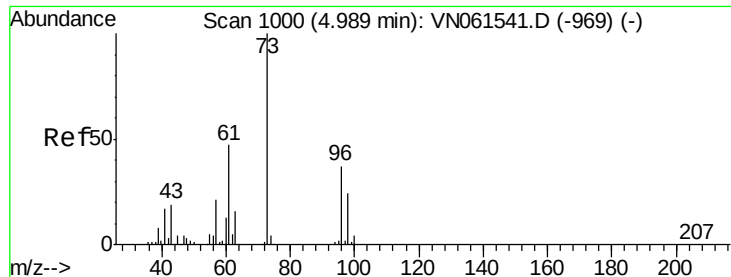
40000

20000

0

Time-->



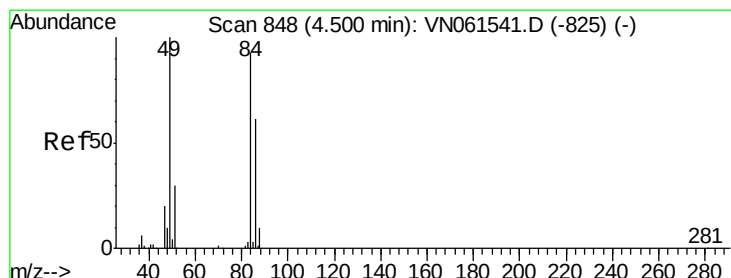
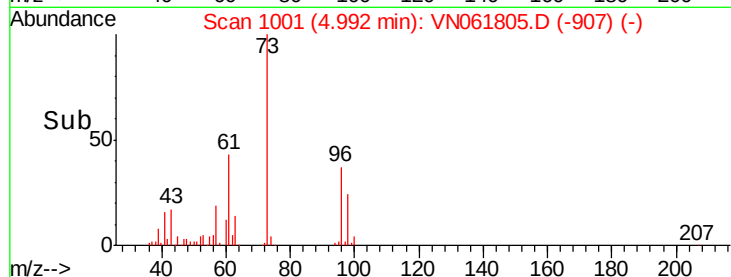
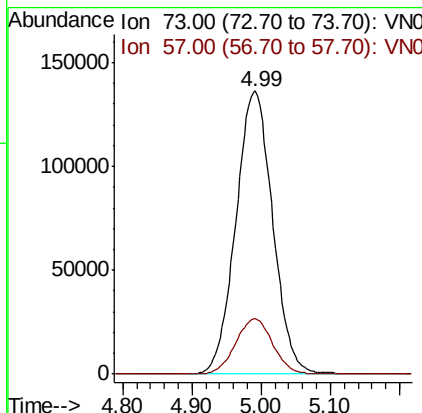
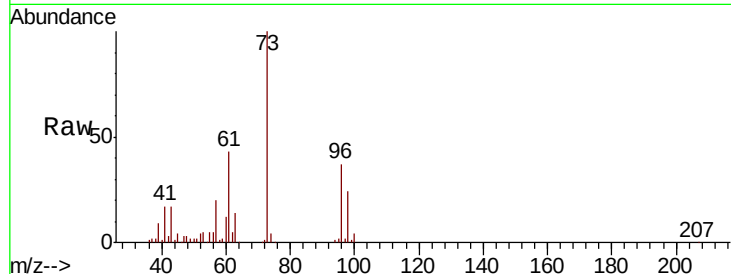


#19

Methvl tert-butyl Ether
 Concen: 45.427 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

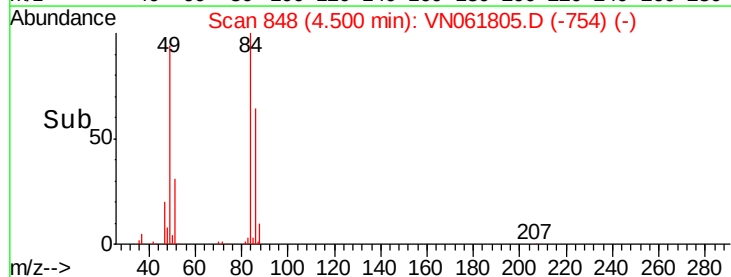
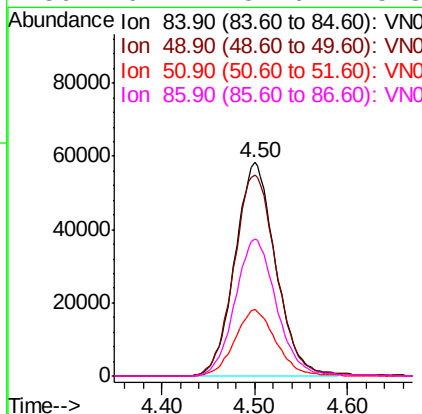
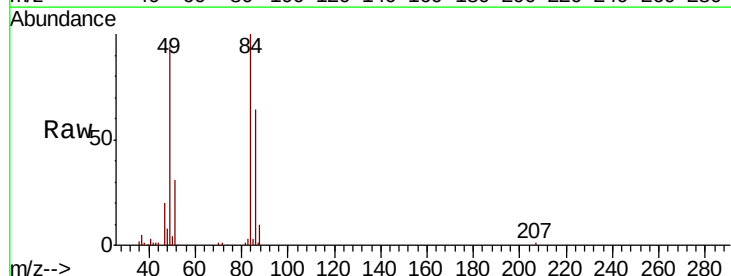
Tot Ion: 73 Resp: 503237
 Ion Ratio Lower Upper
 73 100
 57 19.7 16.4 24.6

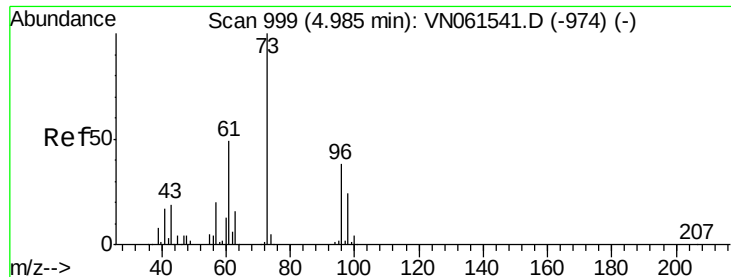


#20

Methylene Chloride
 Concen: 51.594 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion: 84 Resp: 177537
 Ion Ratio Lower Upper
 84 100
 49 93.8 85.8 128.8
 51 31.2 26.2 39.2
 86 64.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.196 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

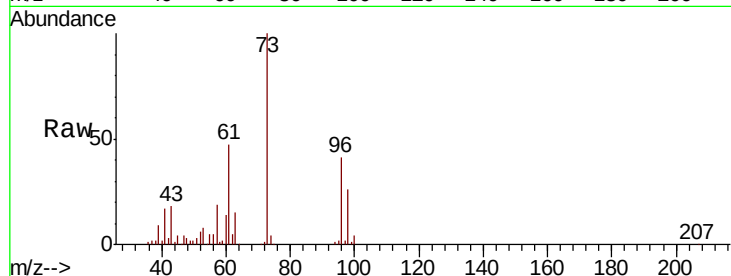
Tot Ion: 96 Resp: 173005

Ion Ratio Lower Upper

96 100

61 113.8 101.4 152.0

98 64.1 50.6 76.0

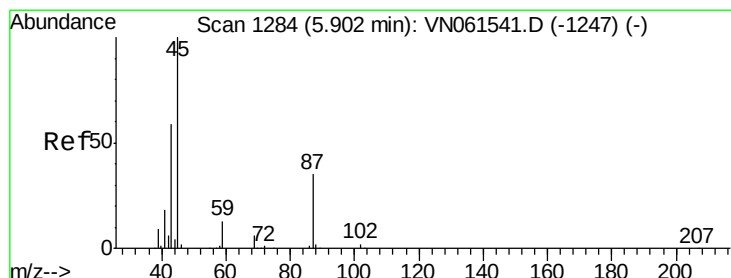
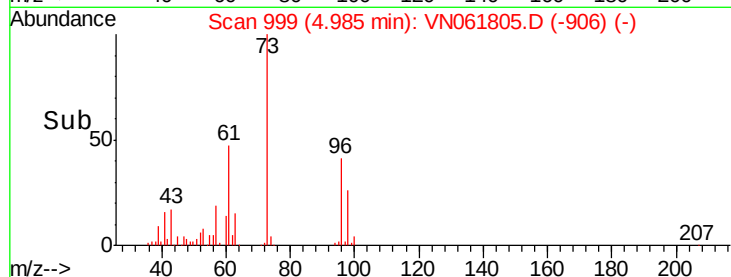
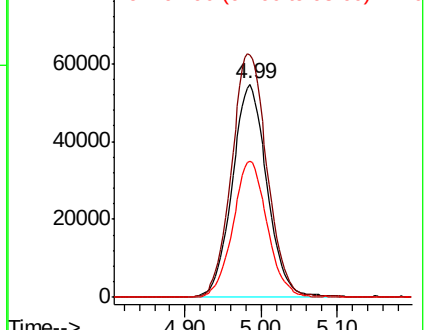


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 45.745 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Tgt Ion: 45 Resp: 428445

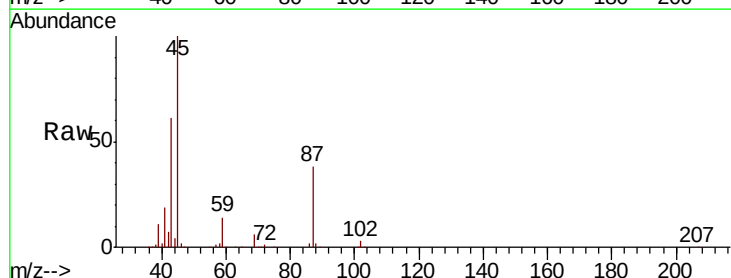
Ion Ratio Lower Upper

45 100

43 59.8 47.9 71.9

87 37.8 28.4 42.6

59 14.0 10.5 15.7



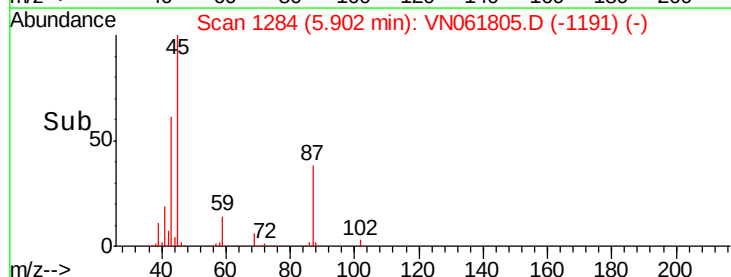
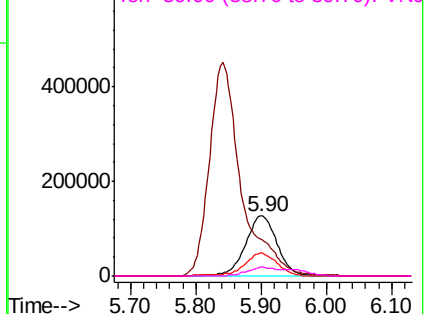
Abundance

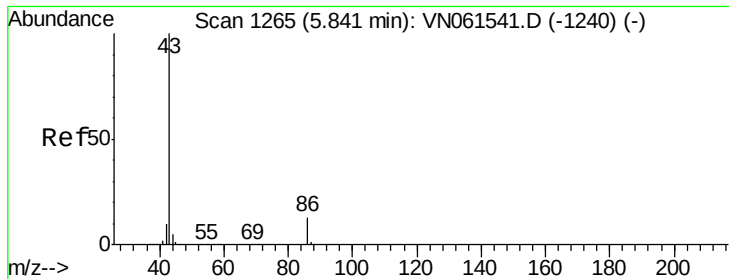
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 205.959 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

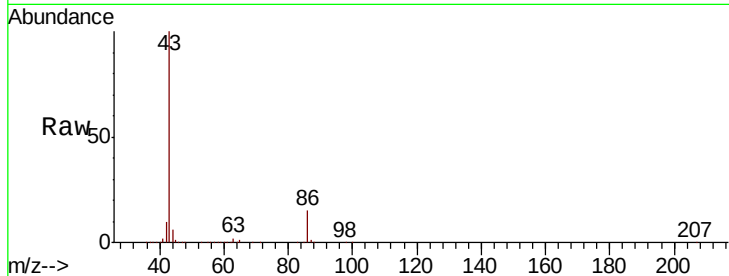
VSTDCCC050EC

Tot Ion: 43 Resp: 1537452

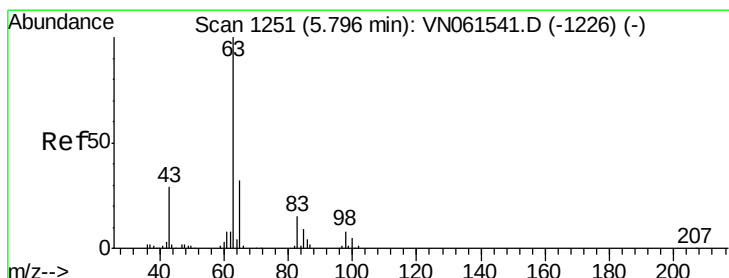
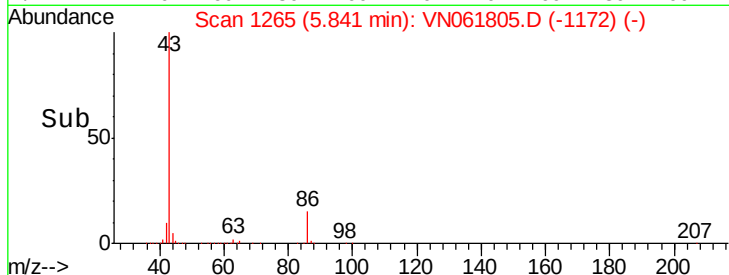
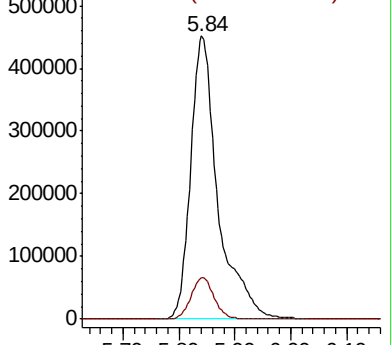
Ion Ratio Lower Upper

43 100

86 14.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN061805.D (-1172) (-)



#24

1,1-Dichloroethane

Concen: 47.387 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

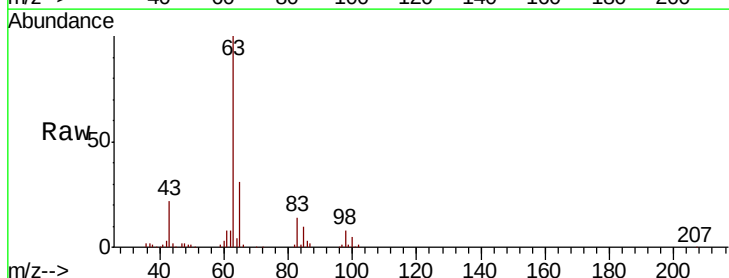
Tgt Ion: 63 Resp: 281435

Ion Ratio Lower Upper

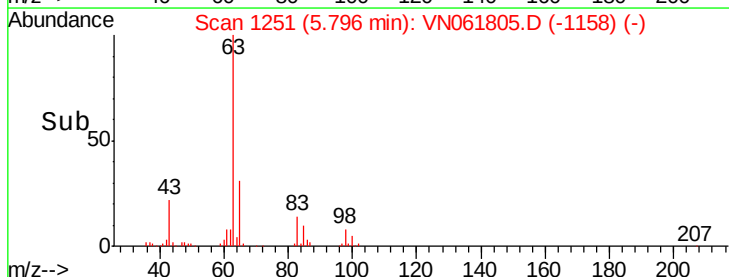
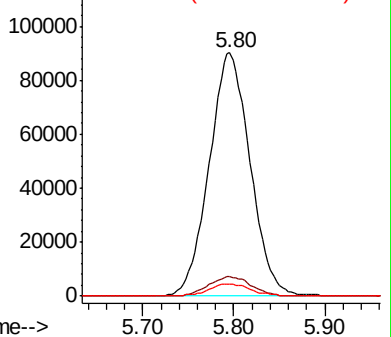
63 100

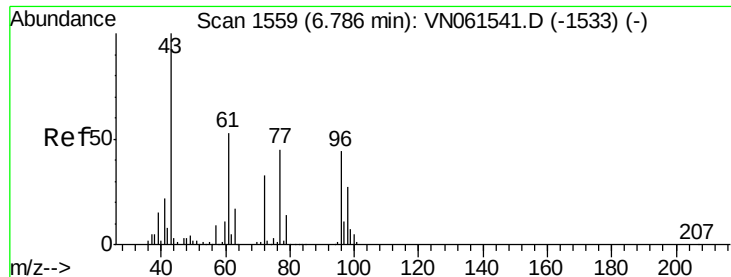
98 7.9 3.8 11.4

100 4.9 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061805.D (-1158) (-)

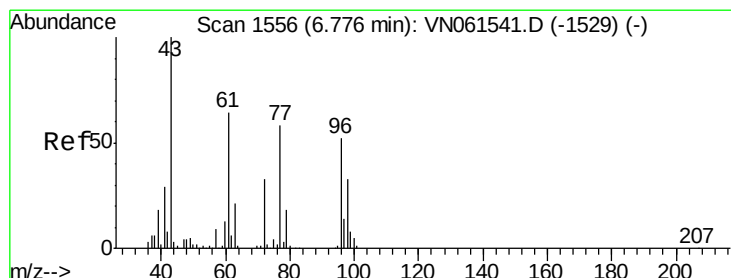
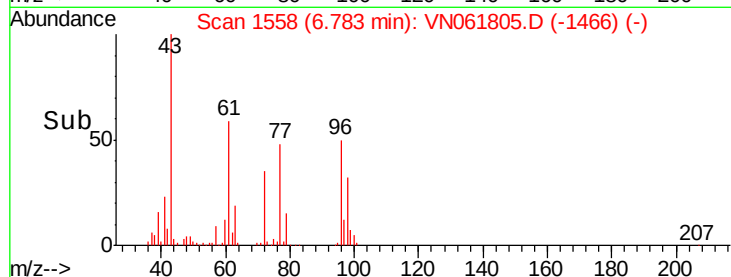
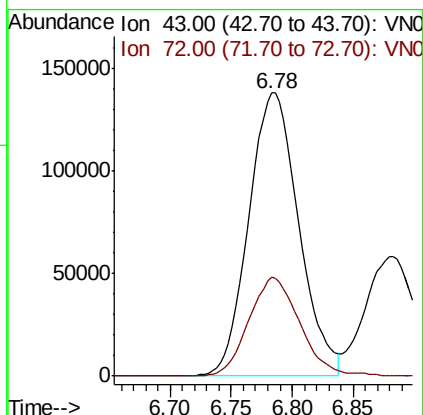
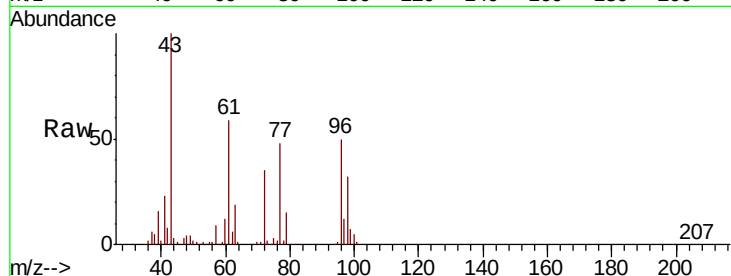




#25
2-Butanone
Concen: 219.060 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

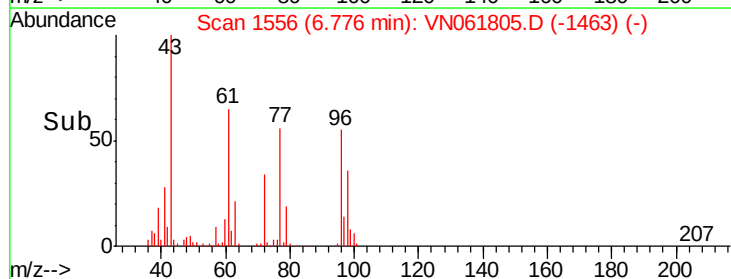
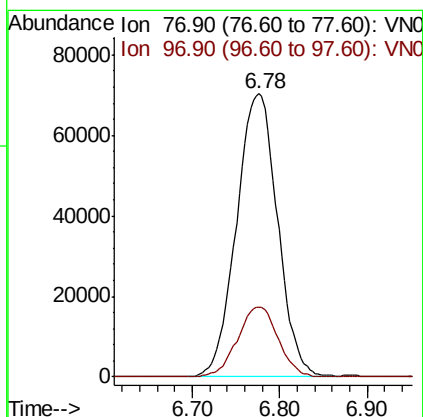
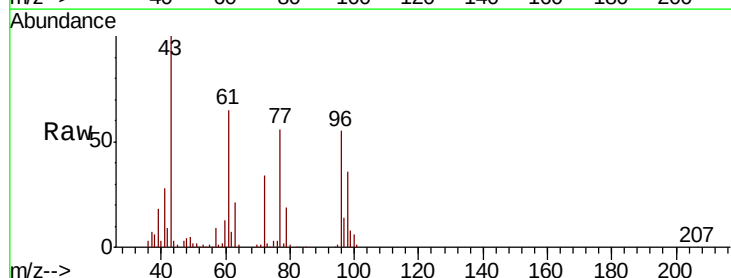
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

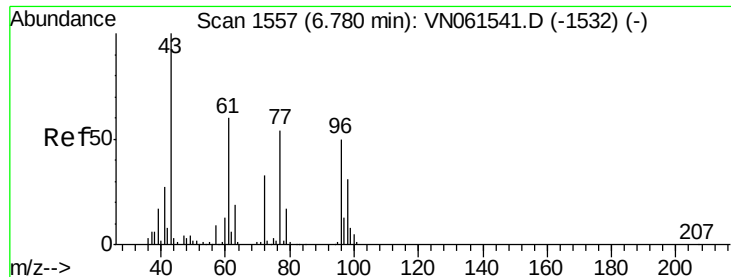
Tot Ion: 43 Resp: 393470
Ion Ratio Lower Upper
43 100
72 34.8 26.0 39.0



#26
2,2-Dichloropropane
Concen: 42.107 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 77 Resp: 228886
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 49.487 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

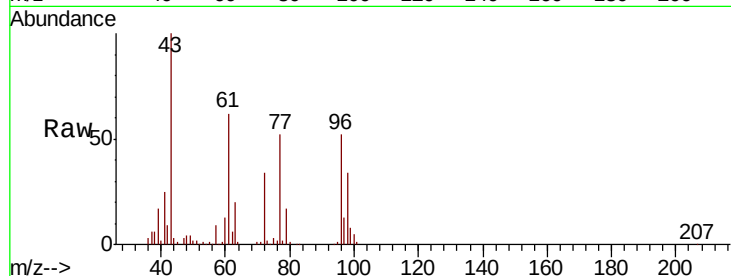
Tot Ion: 96 Resp: 205412

Ion Ratio Lower Upper

96 100

61 120.4 0.0 252.2

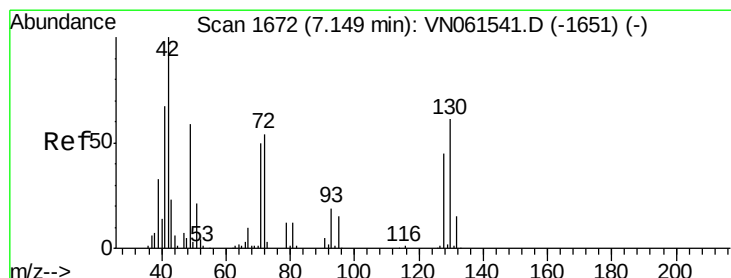
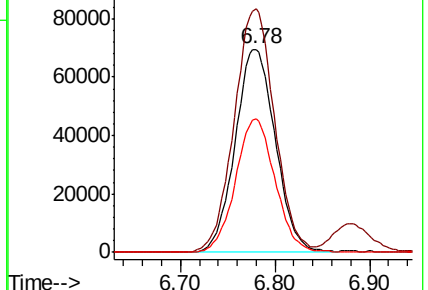
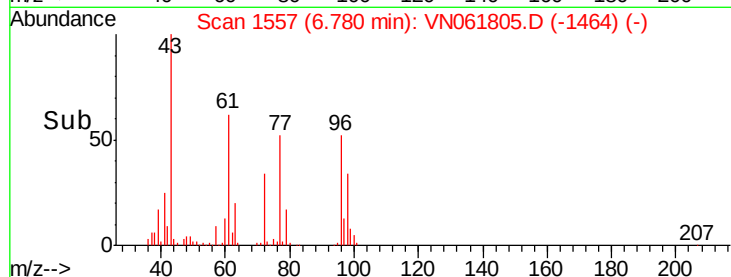
98 64.6 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061805.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061805.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061805.D (-1464) (-)



#28

Bromochloromethane

Concen: 43.548 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

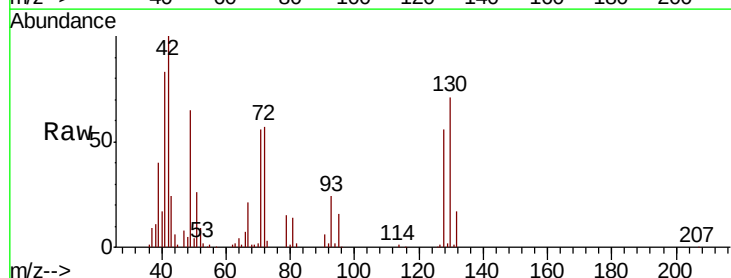
Tgt Ion: 49 Resp: 97495

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

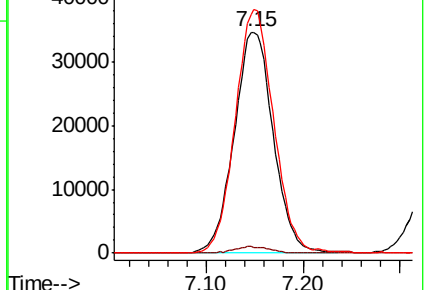
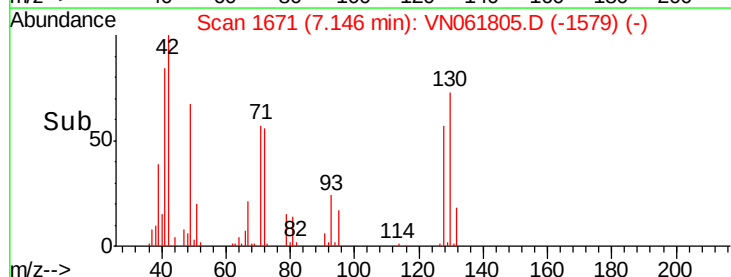
130 107.4 78.8 118.2

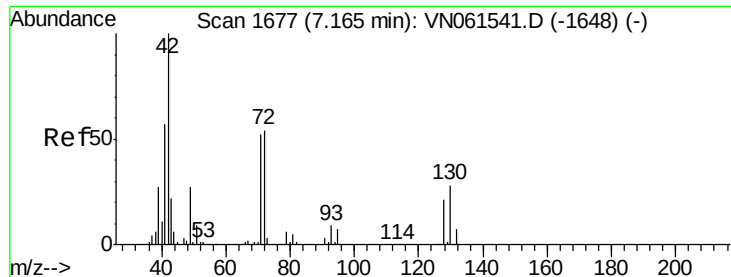


Abundance Ion 48.90 (48.60 to 49.60): VN061805.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061805.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061805.D (-1579) (-)

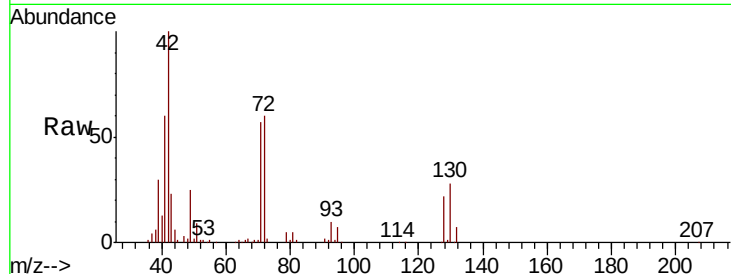




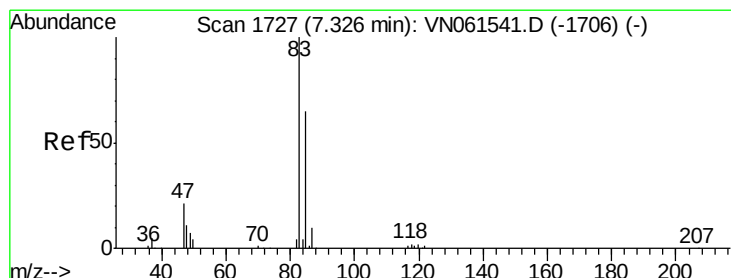
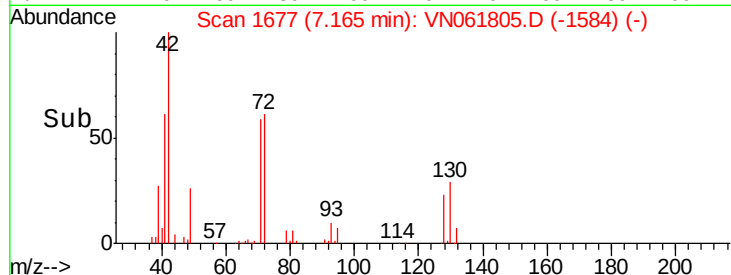
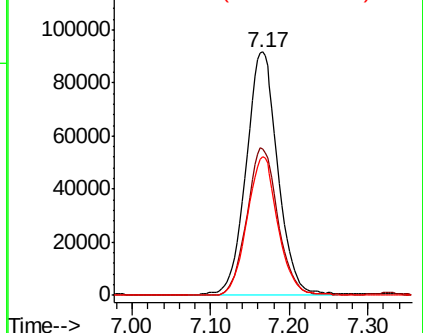
#29
Tetrahydrofuran
Concen: 220.917 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 261660
Ion Ratio Lower Upper
42 100
72 59.4 43.6 65.4
71 55.2 41.2 61.8

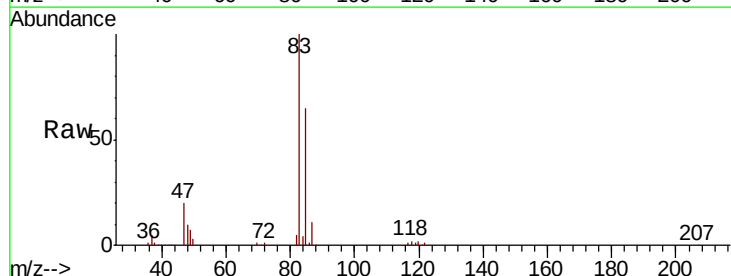


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

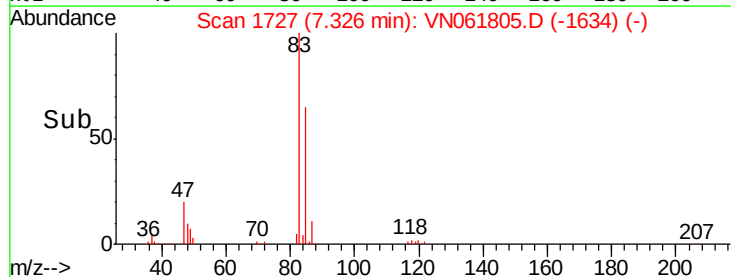
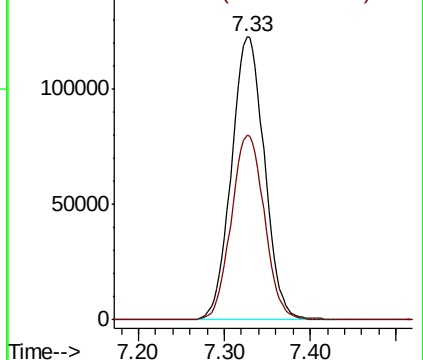


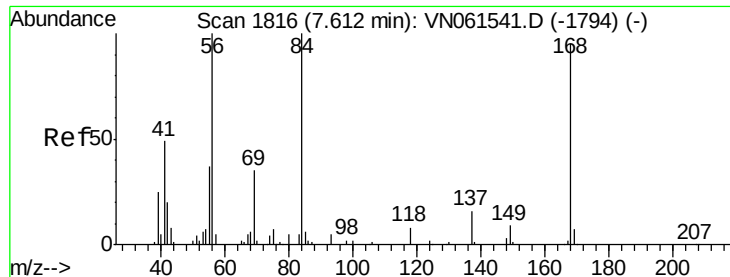
#30
Chloroform
Concen: 49.776 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 83 Resp: 327055
Ion Ratio Lower Upper
83 100
85 65.1 51.7 77.5



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

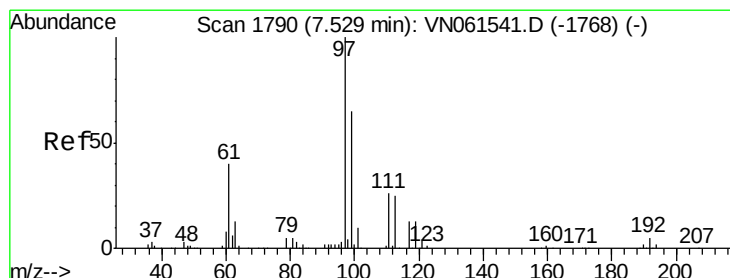
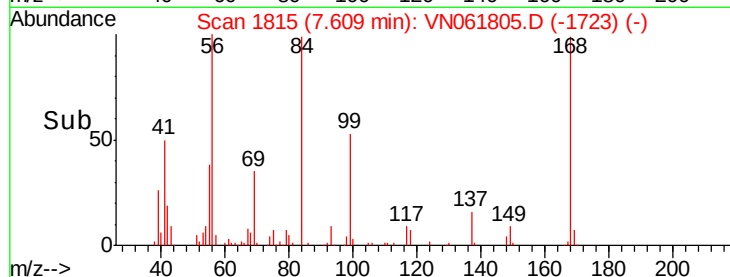
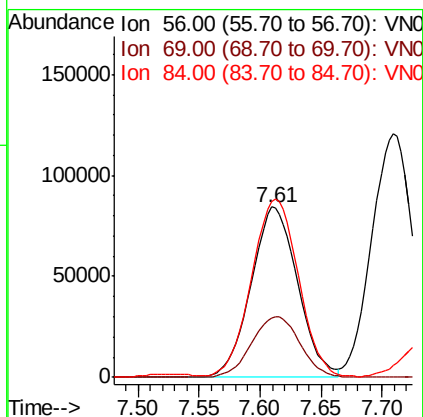
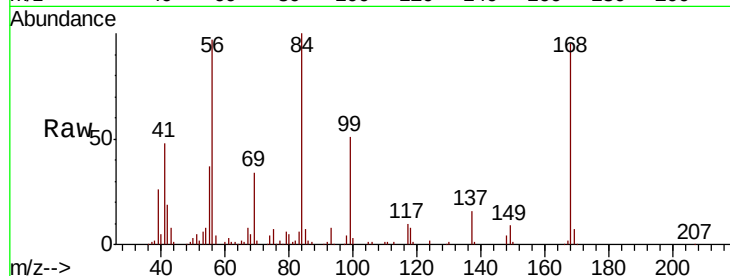




#31
Cyclohexane
Concen: 41.946 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

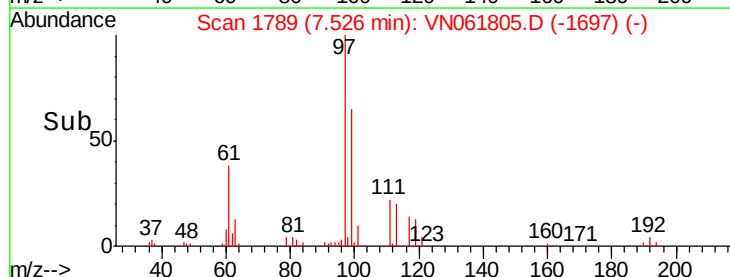
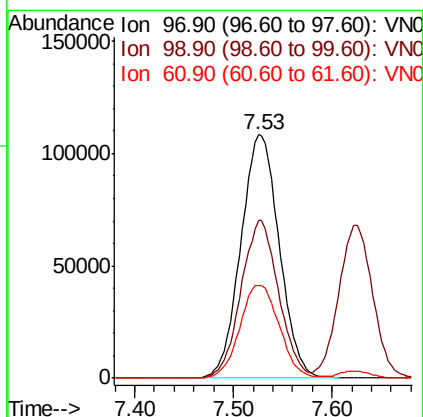
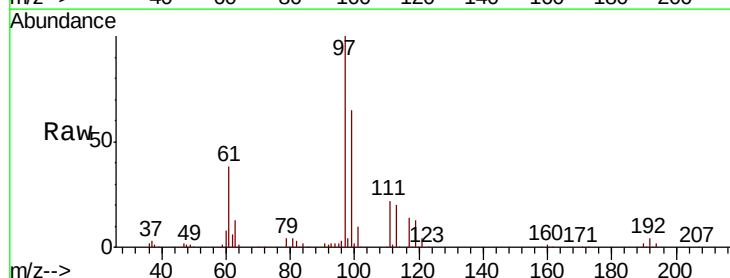
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

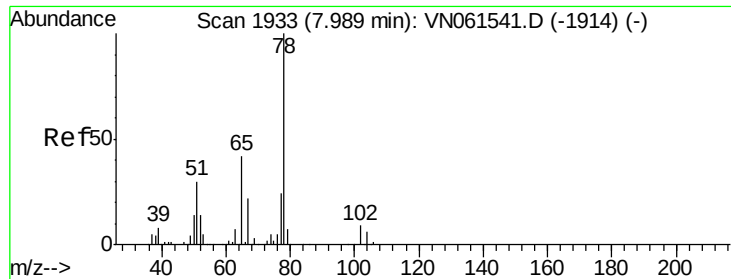
Tot Ion: 56 Resp: 224048
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.8
84 102.1 79.9 119.9



#32
1,1,1-Trichloroethane
Concen: 48.728 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 97 Resp: 291737
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 39.2 31.4 47.0

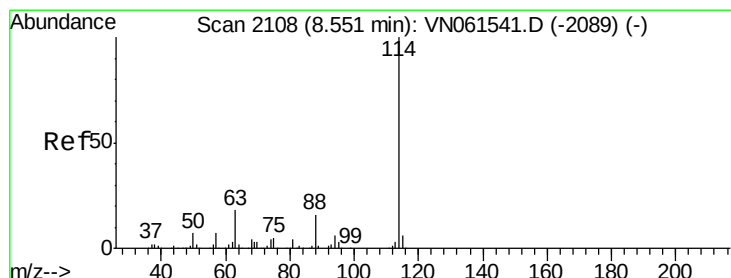
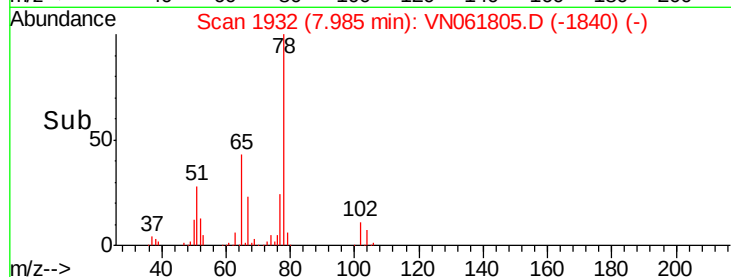
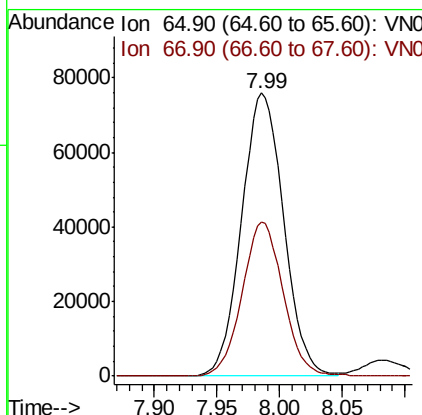
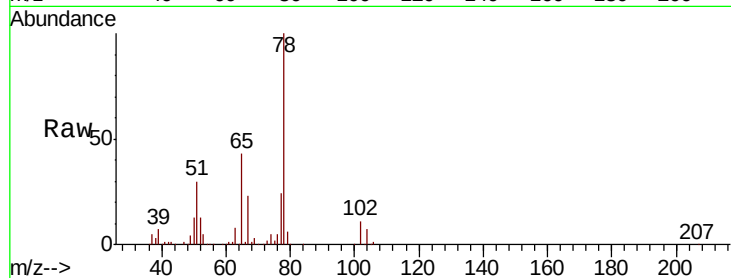




#33
 1,2-Dichloroethane-d4
 Concen: 46.773 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

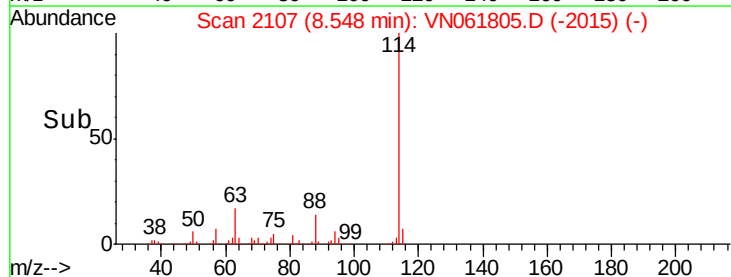
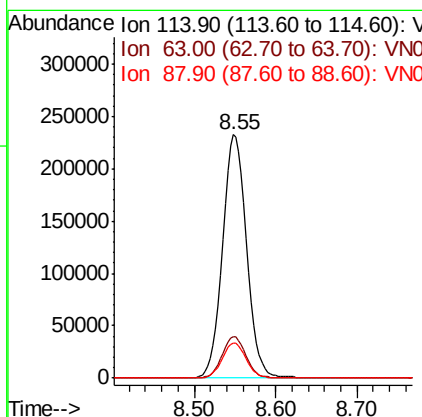
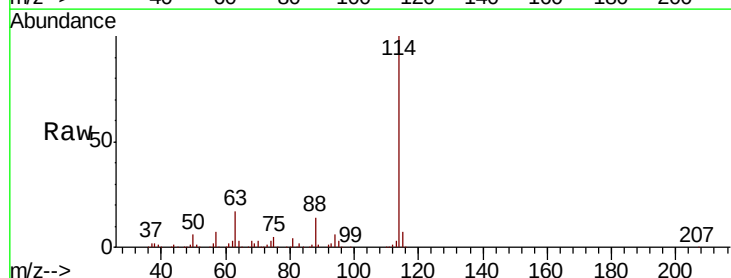
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

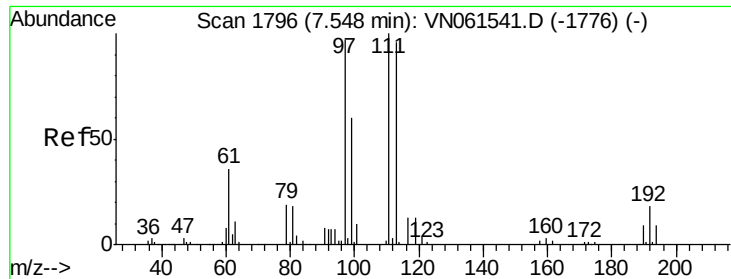
Tot Ion: 65 Resp: 177267
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion: 114 Resp: 486120
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.4 0.0 31.0

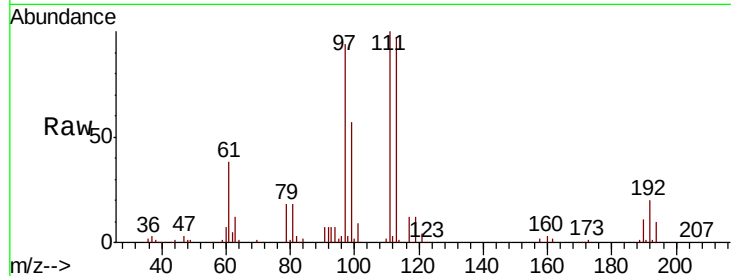




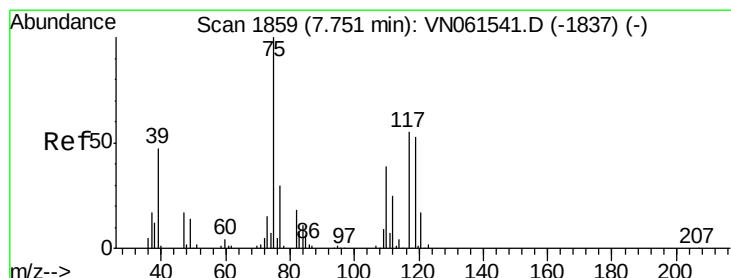
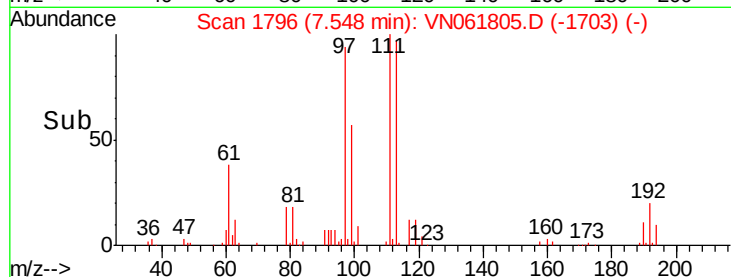
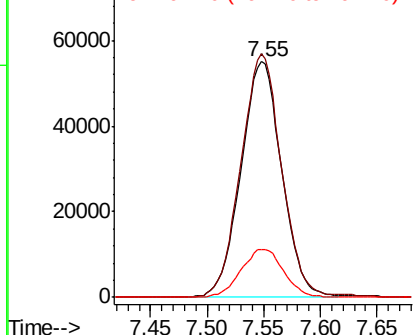
#35
Dibromofluoromethane
Concen: 56.007 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 138114
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.0
192 21.3 15.4 23.2

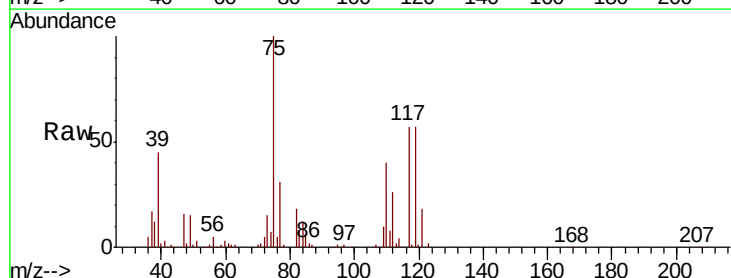


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

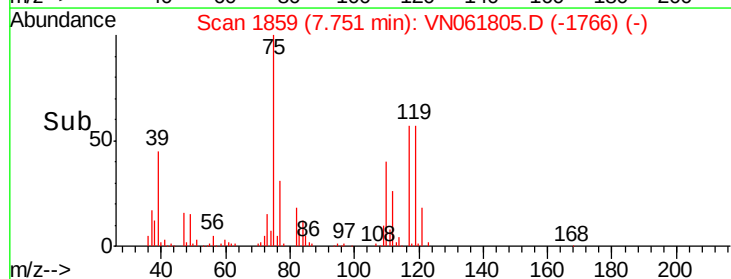
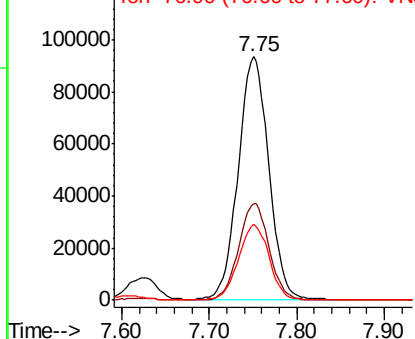


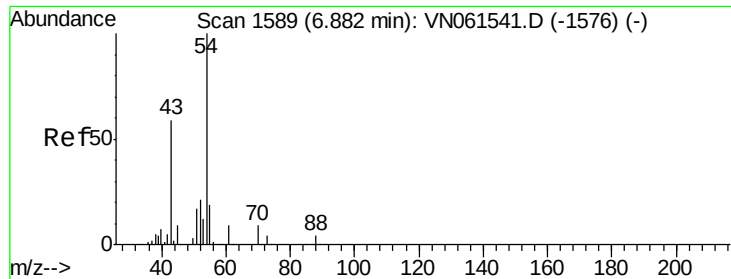
#36
1,1-Dichloropropene
Concen: 52.677 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 75 Resp: 226692
Ion Ratio Lower Upper
75 100
110 39.6 19.5 58.5
77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VN0

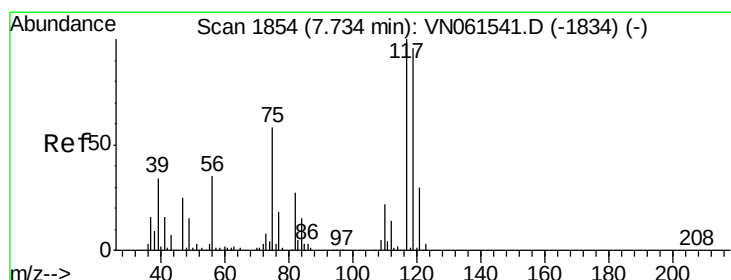
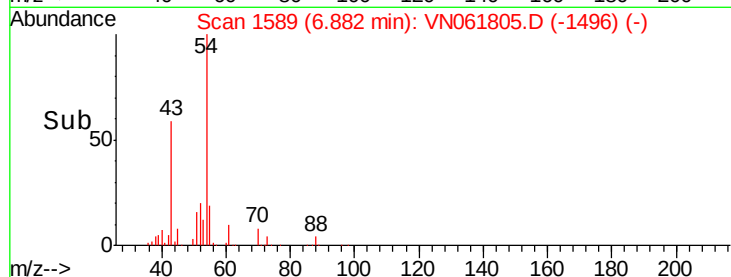
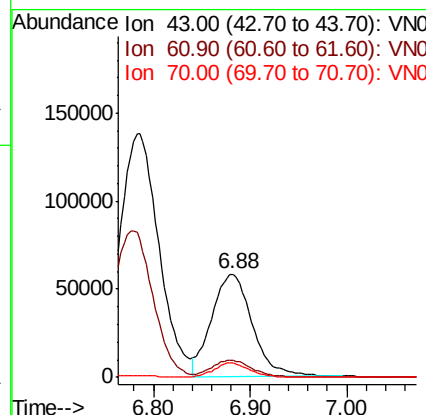
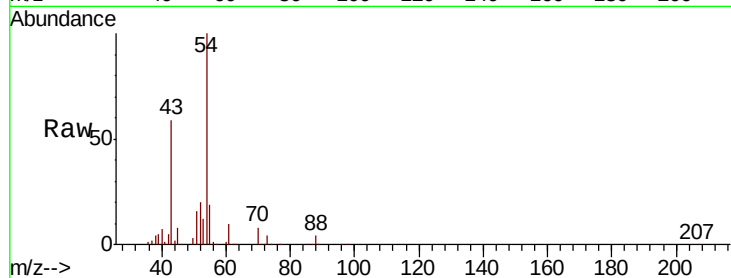




#37
Ethyl Acetate
Concen: 48.794 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

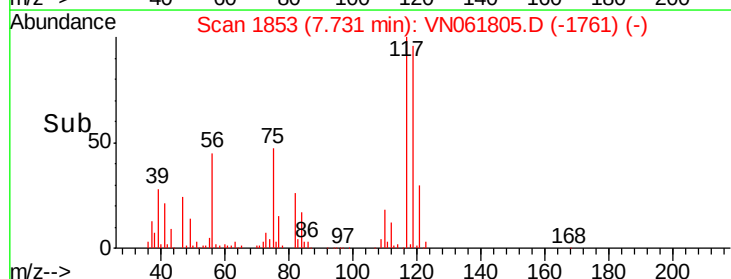
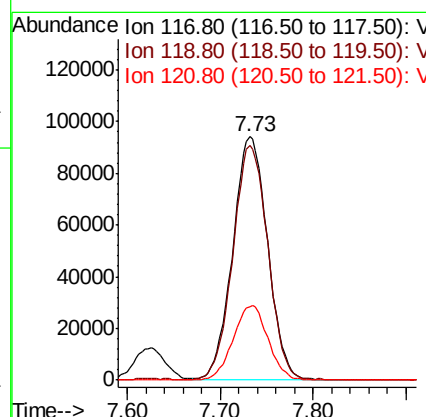
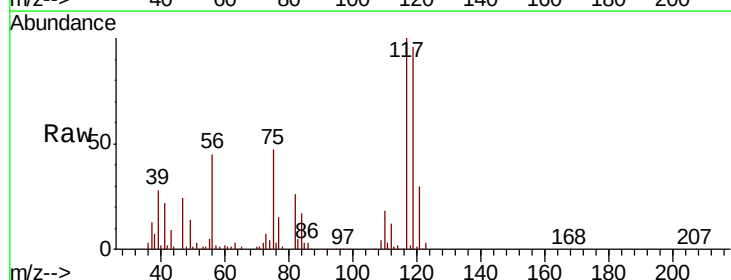
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

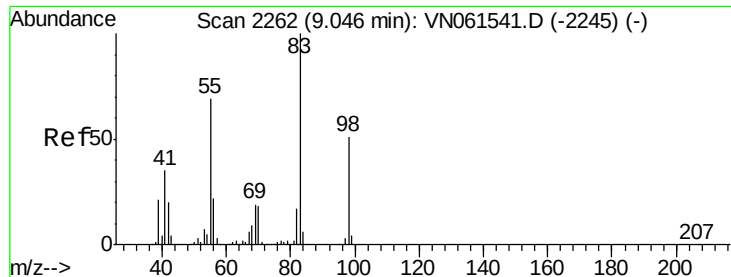
Tot Ion: 43 Resp: 169127
Ion Ratio Lower Upper
43 100
61 16.2 12.2 18.4
70 12.7 9.4 14.2



#38
Carbon Tetrachloride
Concen: 59.073 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 117 Resp: 245211
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
121 30.4 24.1 36.1

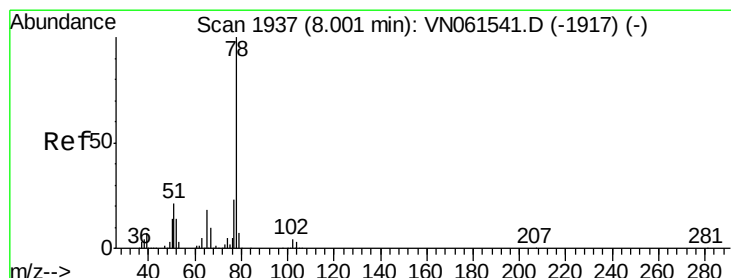
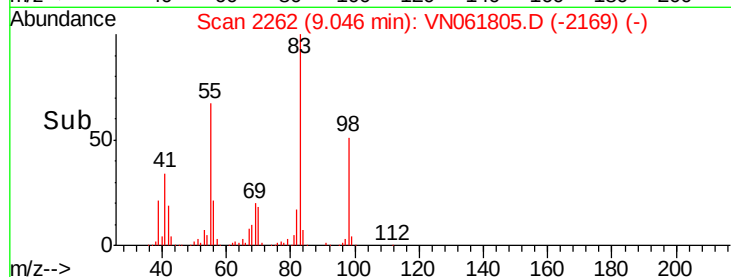
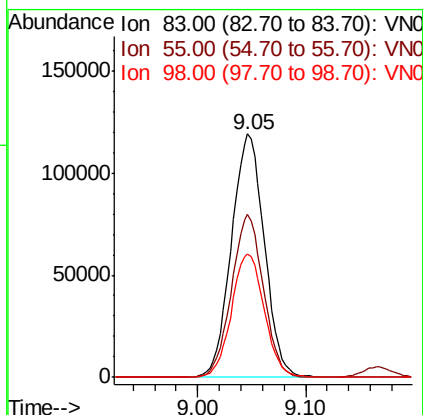
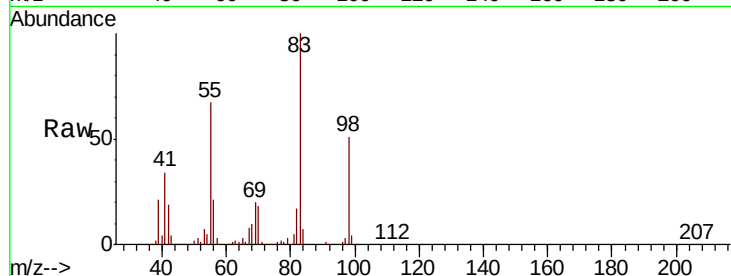




#39
Methylvlcyclohexane
Concen: 47.464 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

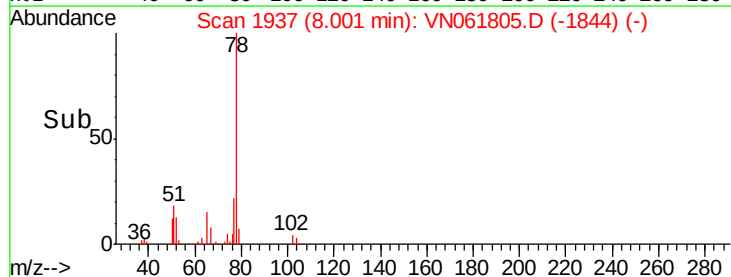
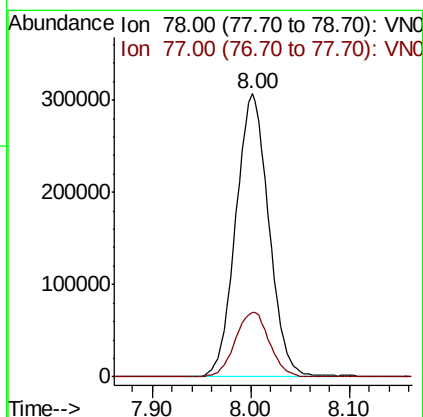
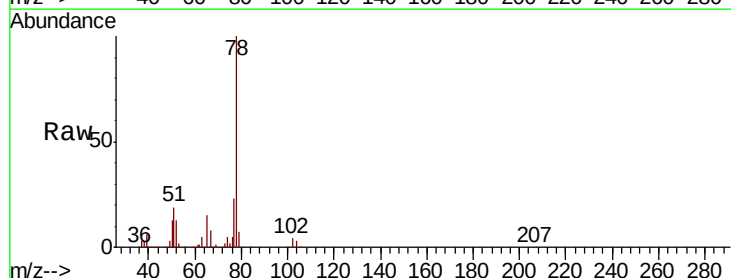
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

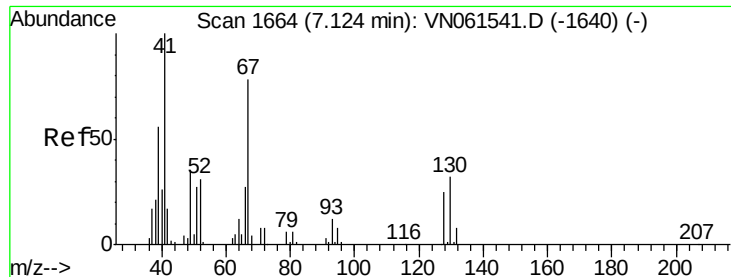
Tot Ion: 83 Resp: 251761
Ion Ratio Lower Upper
83 100
55 66.8 54.9 82.3
98 50.6 41.0 61.4



#40
Benzene
Concen: 53.643 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 78 Resp: 712279
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0

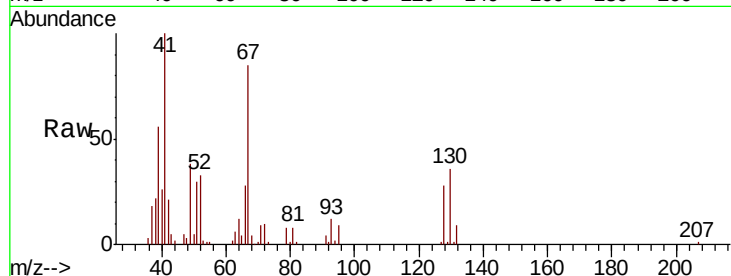




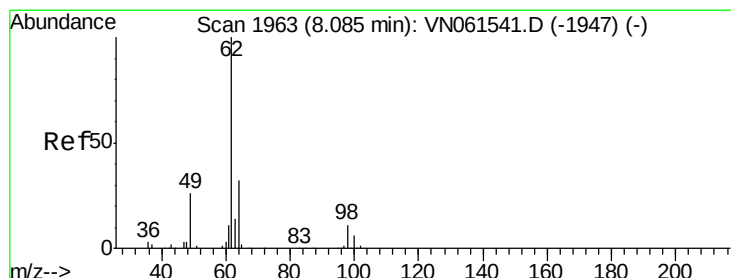
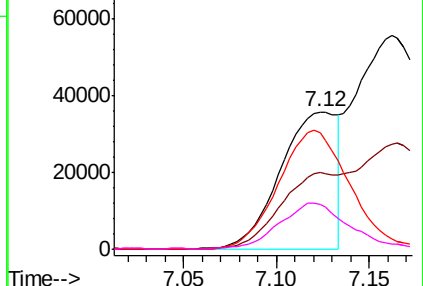
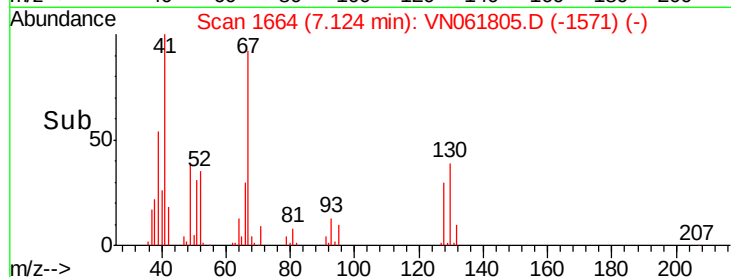
#41
Methacrylonitrile
Concen: 48.159 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 76479
Ion Ratio Lower Upper
41 100
39 50.1 53.8 80.6#
67 109.1 91.1 136.7
52 42.0 36.0 54.0

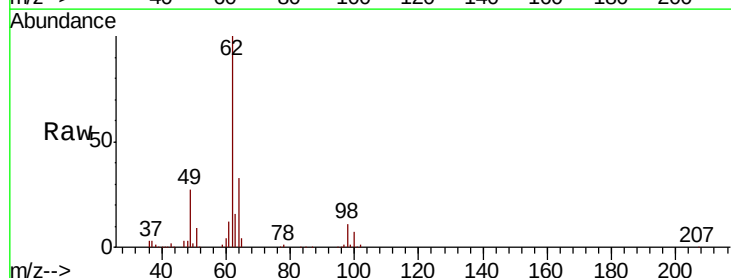


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

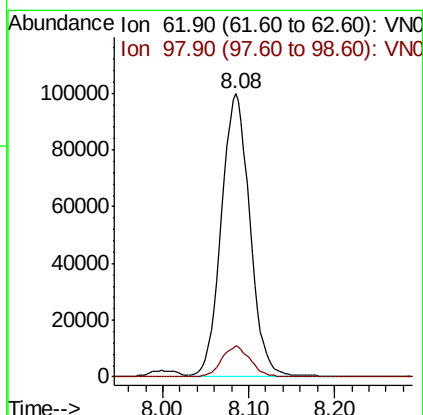
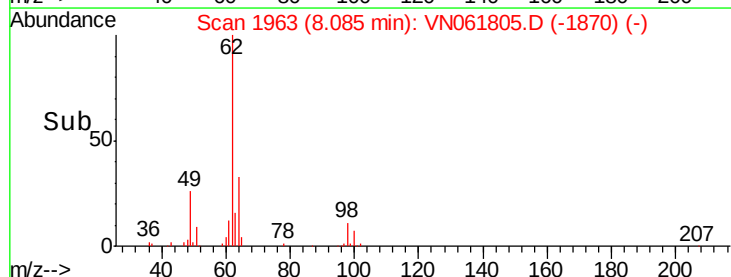


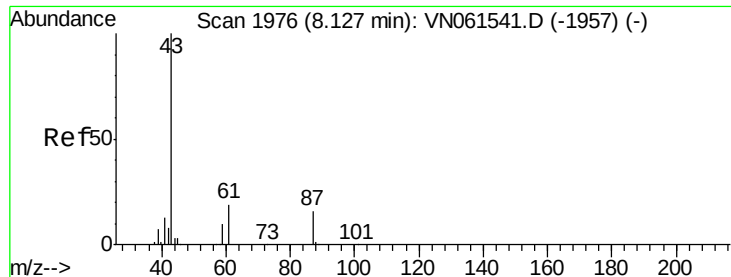
#42
1,2-Dichloroethane
Concen: 52.021 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 62 Resp: 231248
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 46.438 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

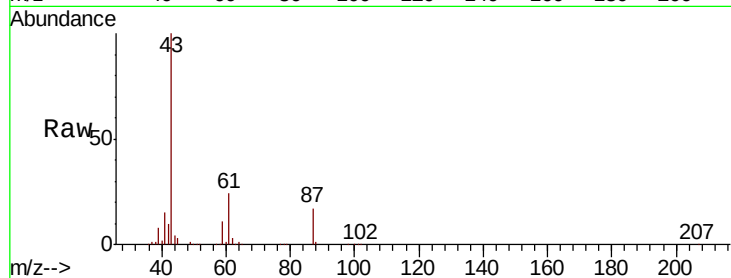
Tot Ion: 43 Resp: 289585

Ion Ratio Lower Upper

43 100

61 23.7 23.6 35.4

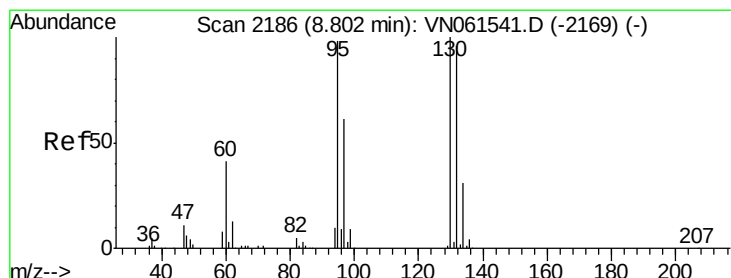
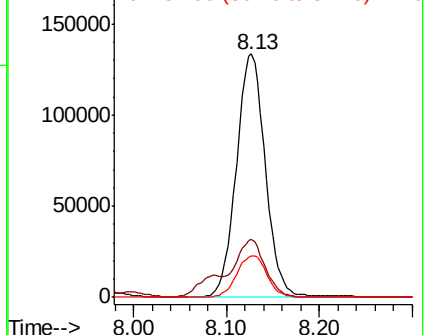
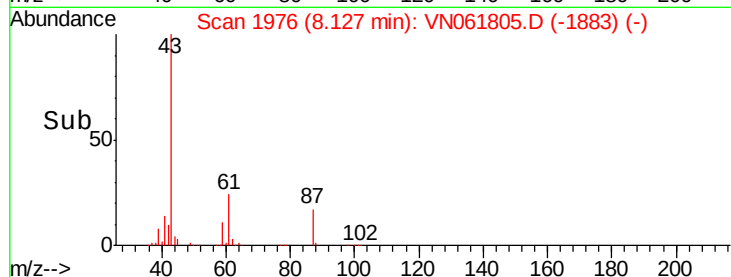
87 17.8 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061805.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN061805.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN061805.D (-1883) (-)



#44

Trichloroethene

Concen: 54.830 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061805.D

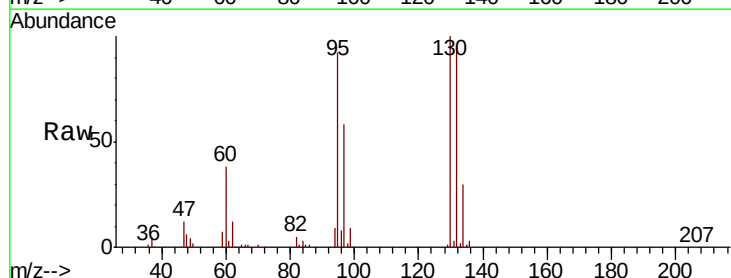
Acq: 12 Jun 2020 20:41

Tgt Ion:130 Resp: 223742

Ion Ratio Lower Upper

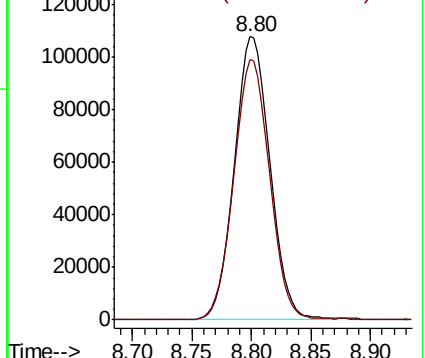
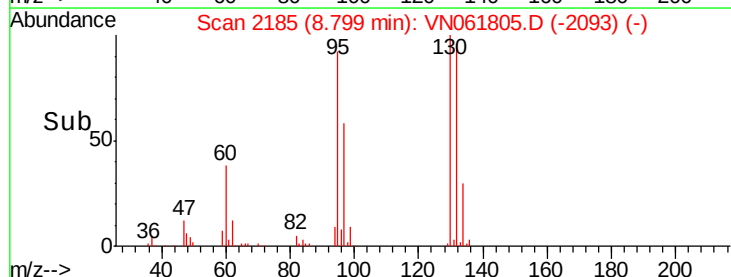
130 100

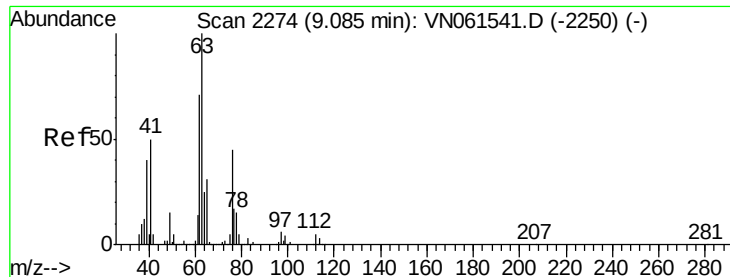
95 92.1 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061805.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061805.D (-2093) (-)

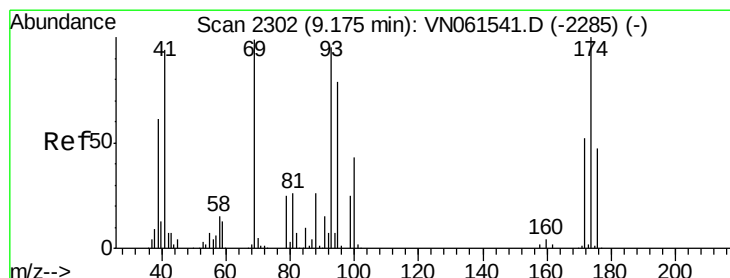
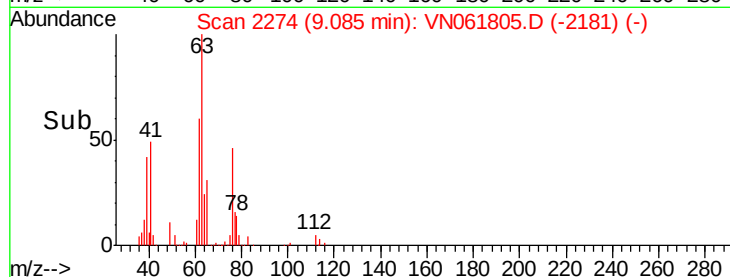
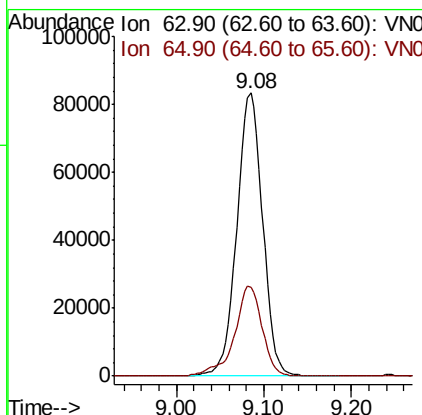
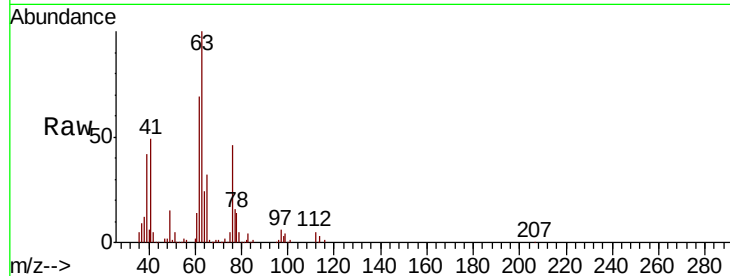




#45
 1,2-Dichloropropane
 Concen: 54.199 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

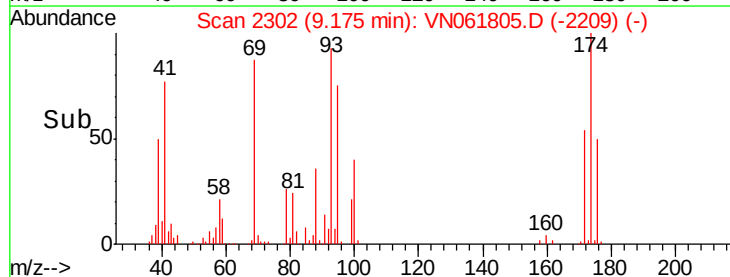
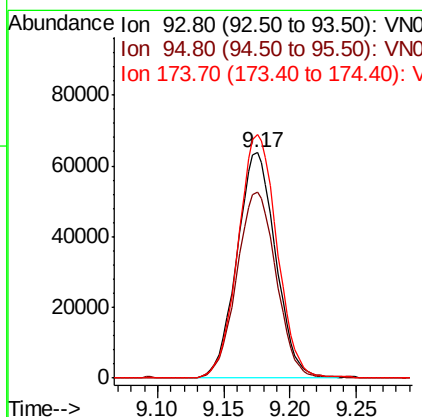
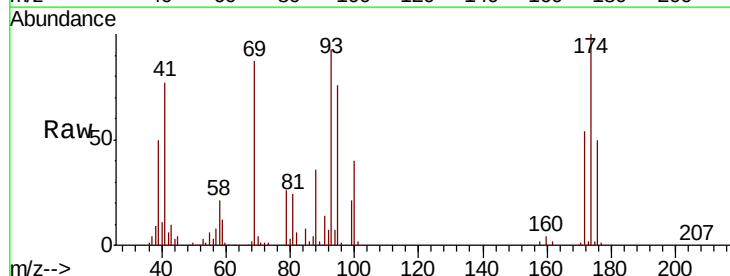
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

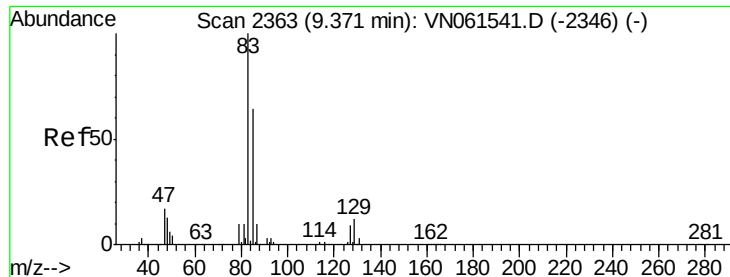
Tot Ion: 63 Resp: 170885
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1



#46
 Dibromomethane
 Concen: 53.628 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion: 93 Resp: 129679
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.0 99.0
 174 108.4 82.5 123.7





#47

Bromodichloromethane

Concen: 55.712 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

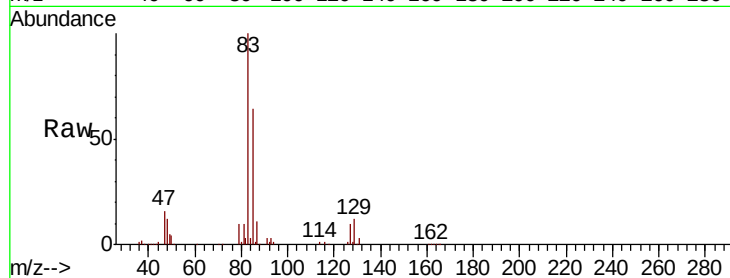
Tot Ion: 83 Resp: 266910

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

127 9.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061805.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061805.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061805.D (-2270) (-)

150000

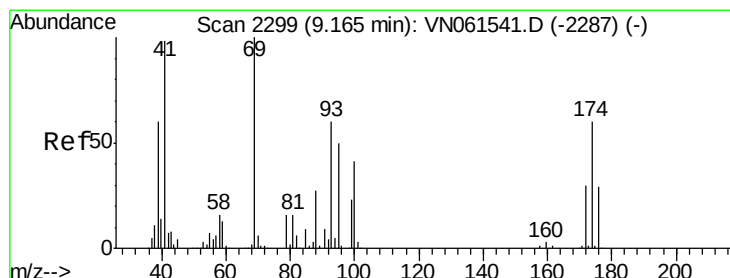
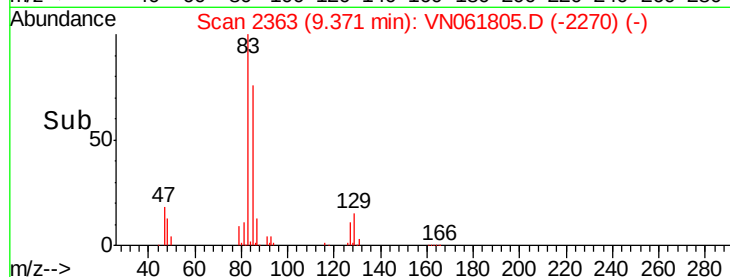
100000

50000

0

9.30 9.40 9.50

Time-->



#48

Methyl methacrylate

Concen: 45.496 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

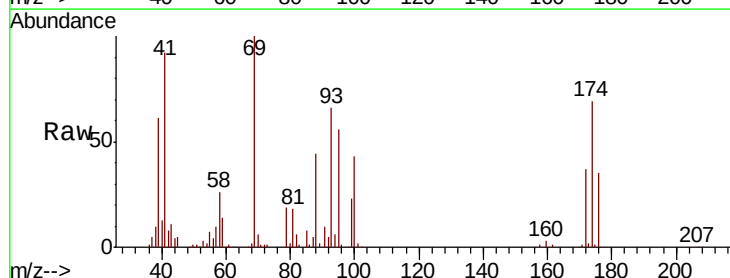
Tgt Ion: 41 Resp: 127645

Ion Ratio Lower Upper

41 100

69 114.0 83.9 125.9

39 68.2 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061805.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061805.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061805.D (-2206) (-)

100000

80000

60000

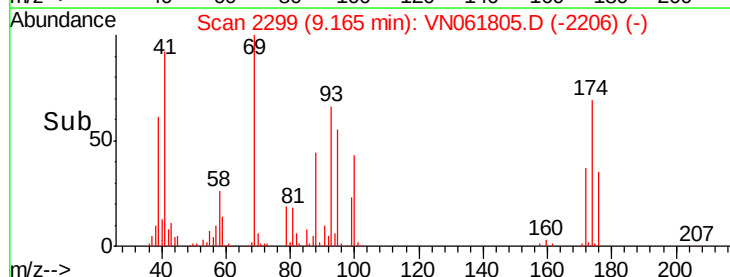
40000

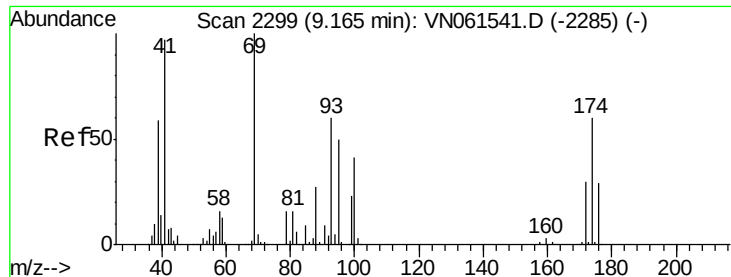
20000

0

9.10 9.15 9.20

Time-->





#49

1,4-Dioxane

Concen: 1579.389 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

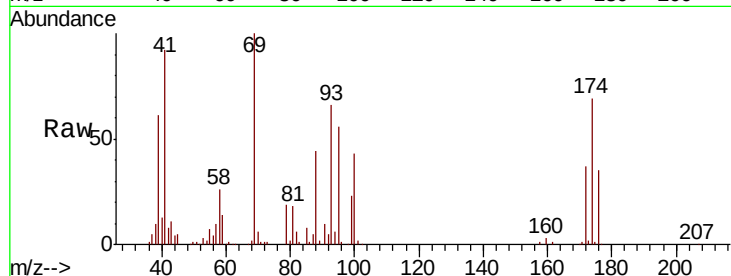
Tot Ion: 88 Resp: 68647

Ion Ratio Lower Upper

88 100

43 24.6 23.1 34.7

58 56.6 48.3 72.5



Abundance Ion 88.00 (87.70 to 88.70): VN061805.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN061805.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061805.D (-2206) (-)

150000

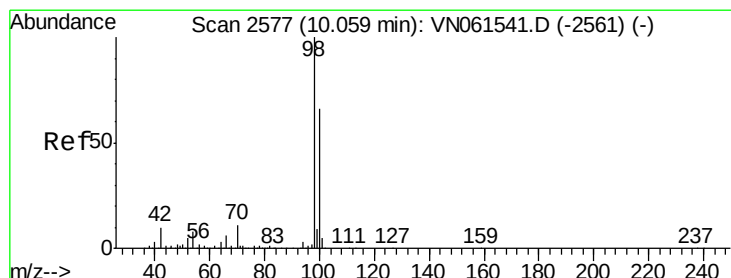
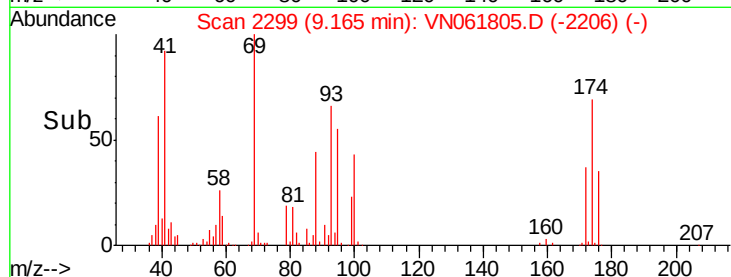
100000

50000

0

9.10 9.15 9.20 9.25

Time-->



#50

Toluene-d8

Concen: 54.903 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061805.D

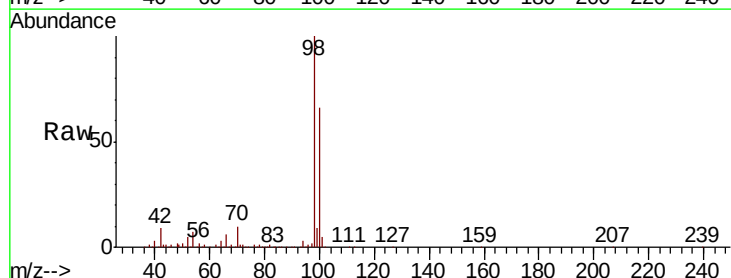
Acq: 12 Jun 2020 20:41

Tgt Ion: 98 Resp: 627414

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061805.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061805.D (-2484) (-)

400000

300000

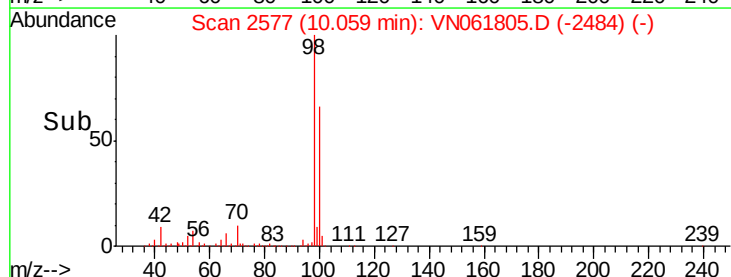
200000

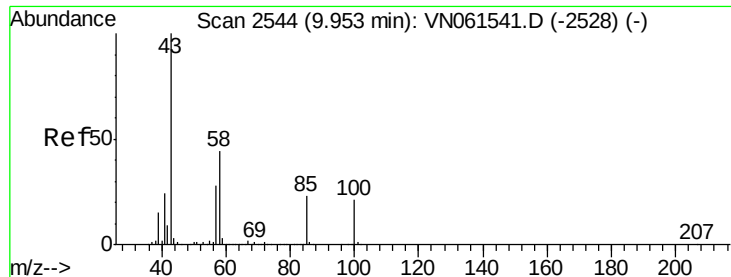
100000

0

10.00 10.05 10.10

Time-->

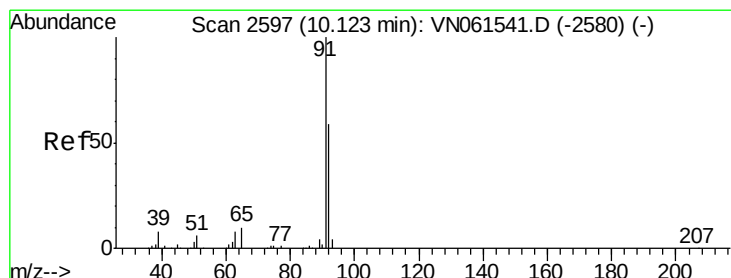
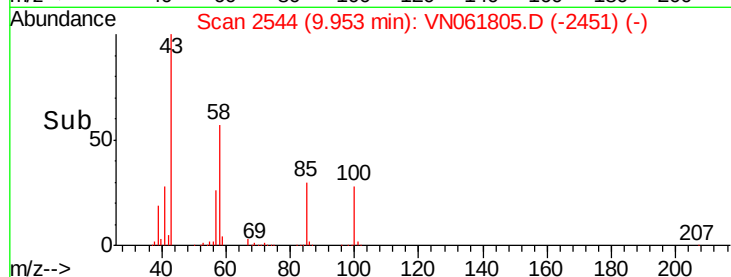
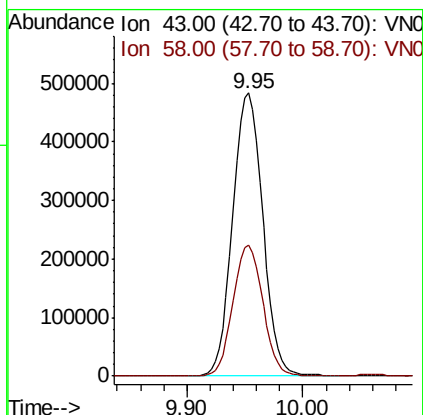
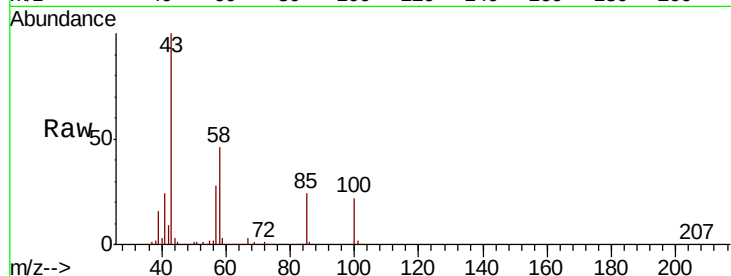




#51
 4-Methyl-2-Pentanone
 Concen: 248.109 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

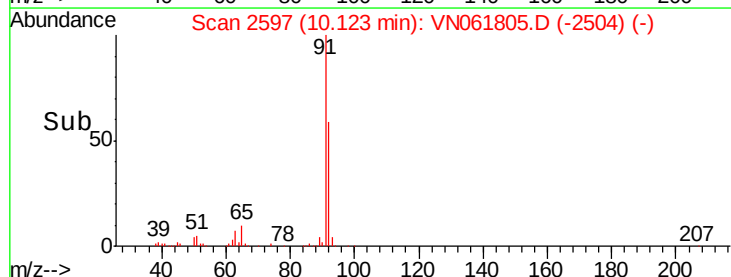
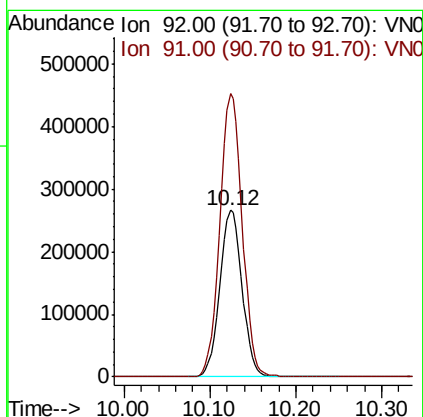
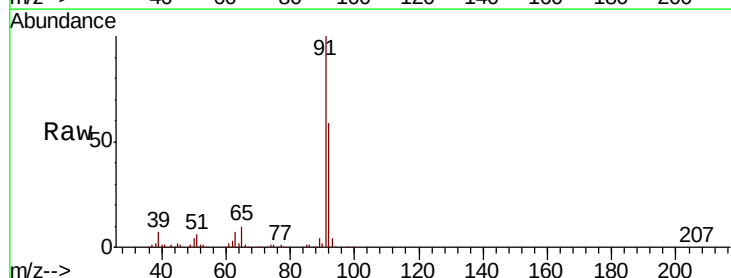
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

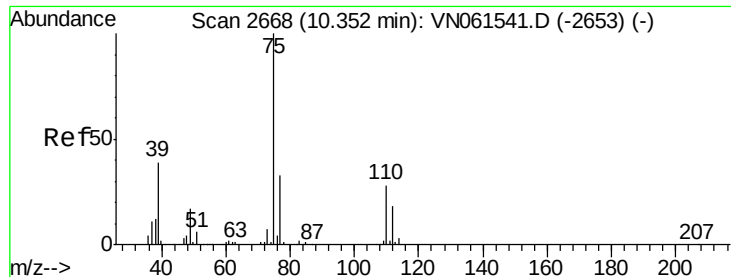
Tot Ion: 43 Resp: 871883
 Ion Ratio Lower Upper
 43 100
 58 46.0 35.0 52.6



#52
 Toluene
 Concen: 55.442 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion: 92 Resp: 480484
 Ion Ratio Lower Upper
 92 100
 91 170.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 51.932 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

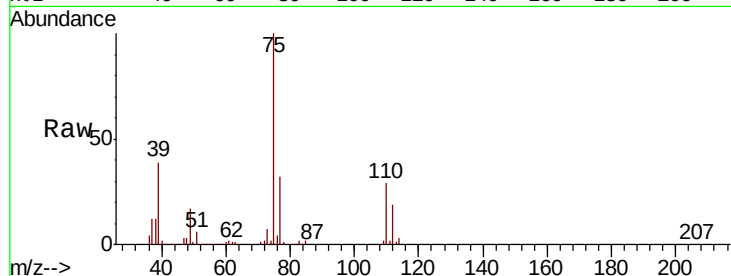
VSTDCCC050EC

Tot Ion: 75 Resp: 268021

Ion Ratio Lower Upper

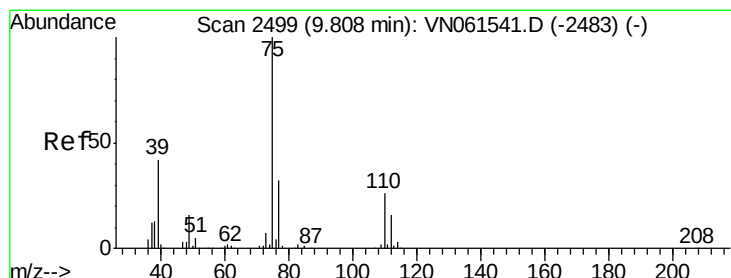
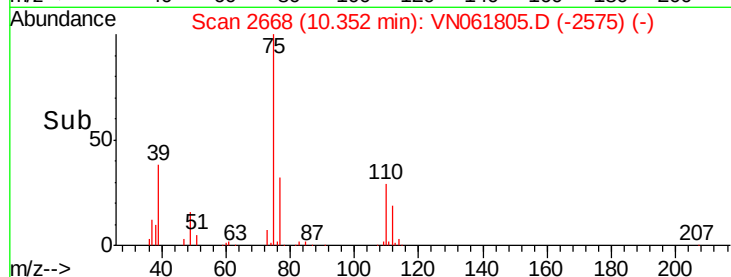
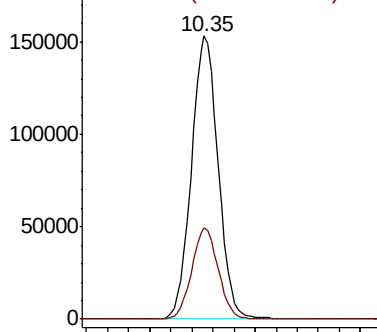
75 100

77 32.4 26.2 39.4



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: 52.530 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

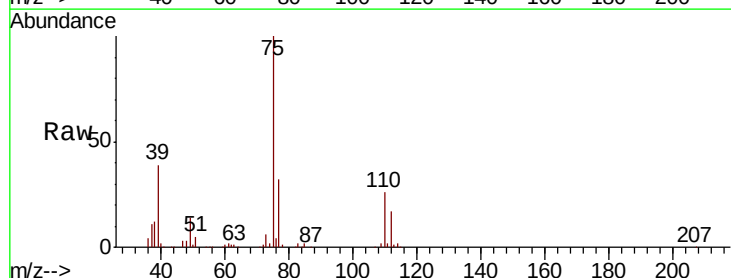
Tgt Ion: 75 Resp: 291502

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

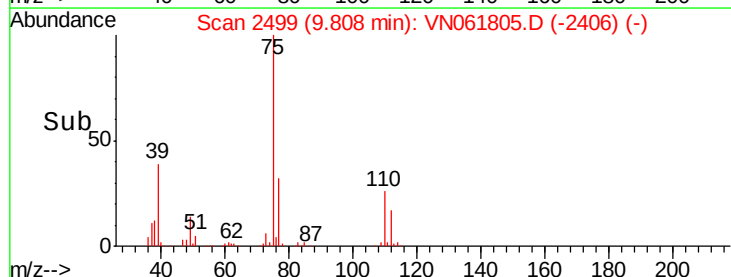
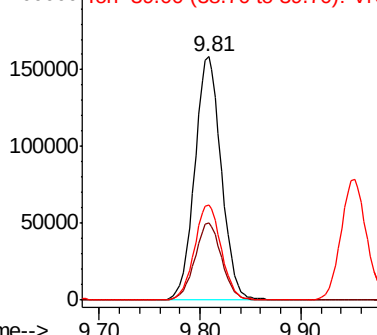
39 39.3 33.8 50.6

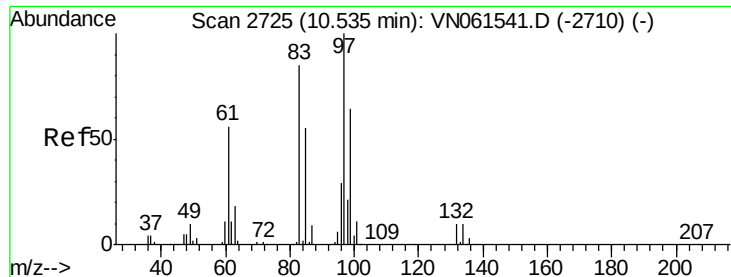


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

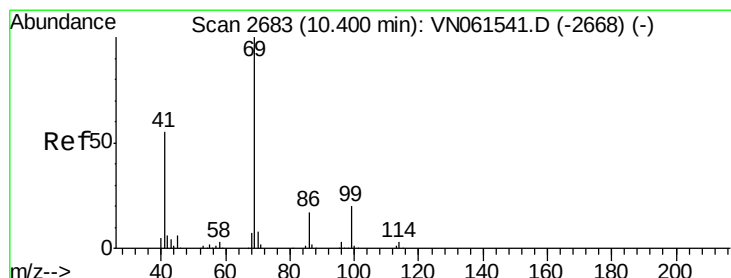
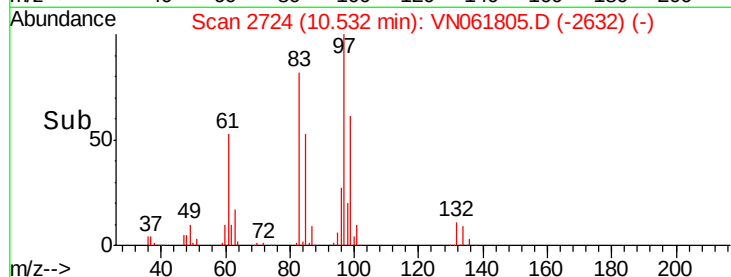
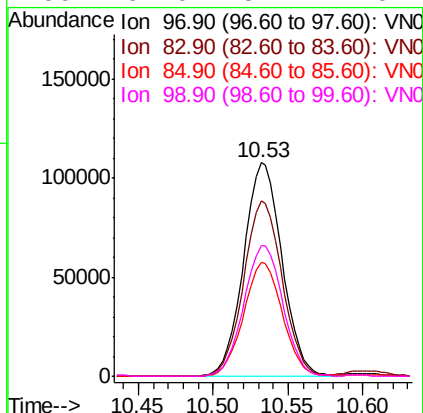
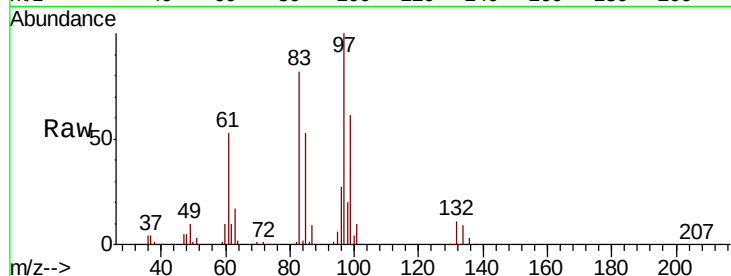




#55
 1,1,2-Trichloroethane
 Concen: 55.821 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

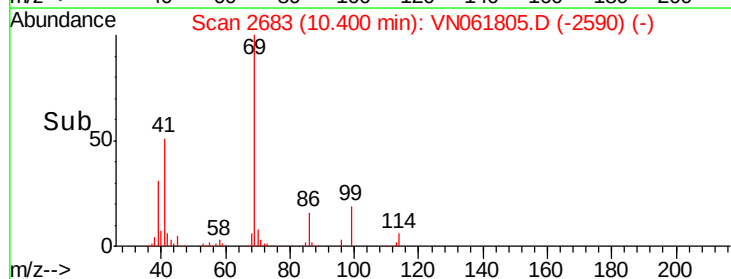
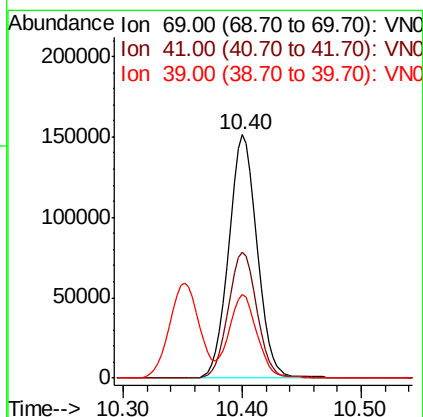
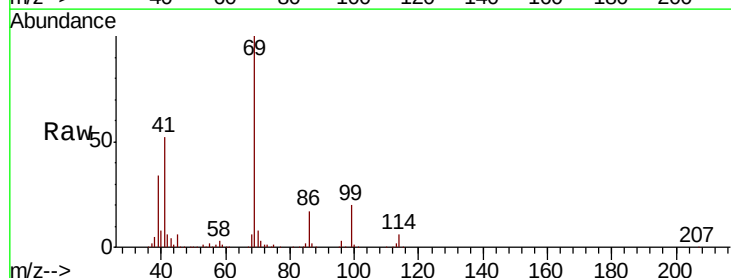
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

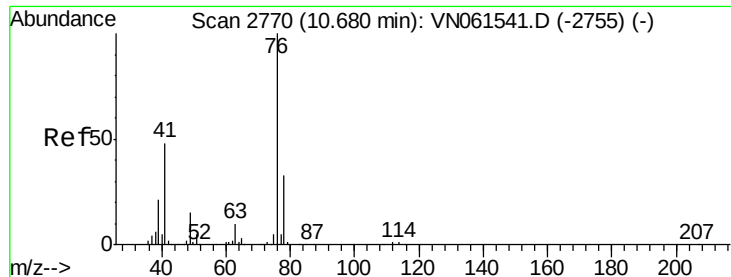
Tot Ion:	97	Resp:	192737
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.1	102.1
85	53.1	44.1	66.1
99	61.0	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 51.871 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion:	69	Resp:	250180
Ion	Ratio	Lower	Upper
69	100		
41	52.1	43.5	65.3
39	33.9	27.0	40.6





#57

1,3-Dichloropropane

Concen: 54.703 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

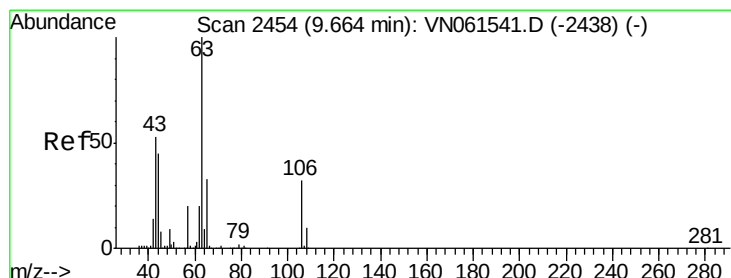
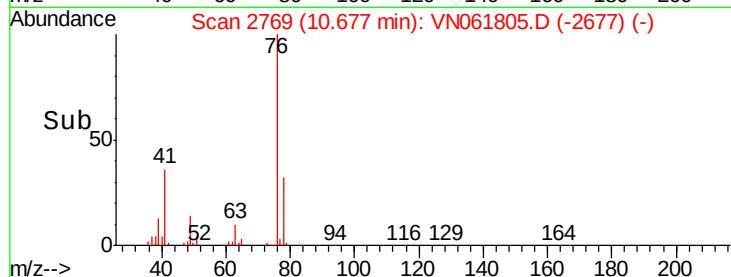
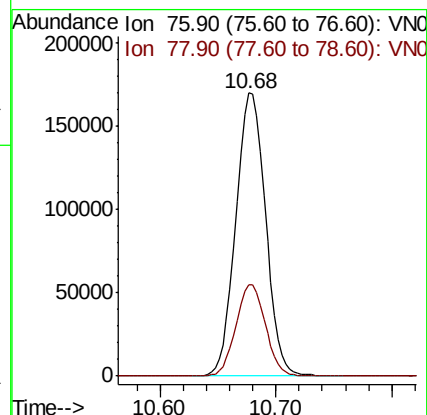
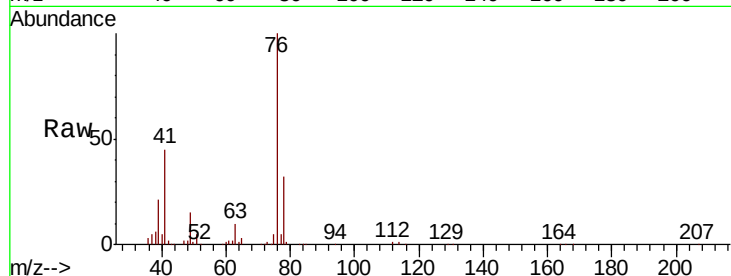
VSTDCCC050EC

Tot Ion: 76 Resp: 302083

Ion Ratio Lower Upper

76 100

78 31.9 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 210.944 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061805.D

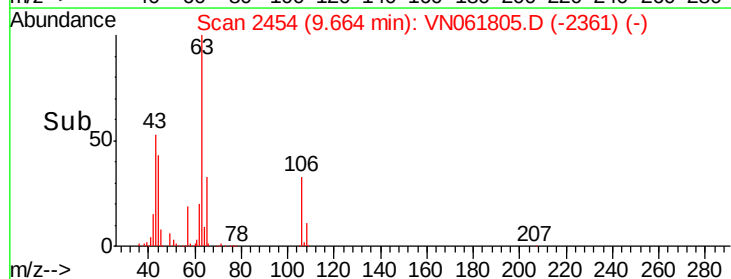
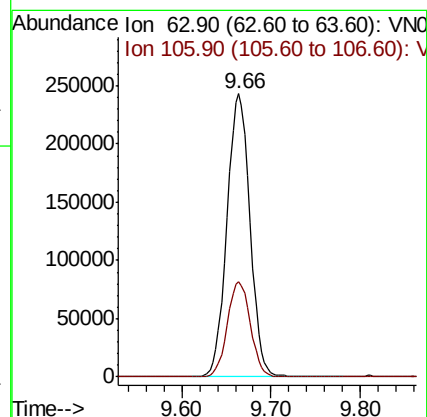
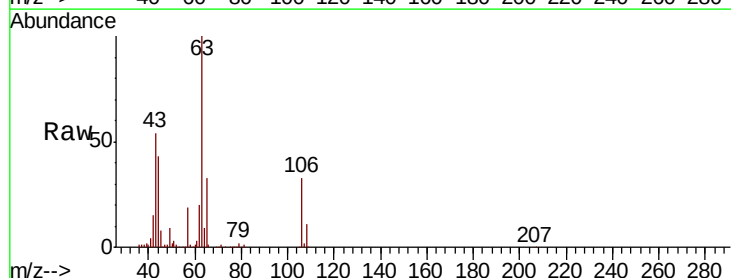
Acq: 12 Jun 2020 20:41

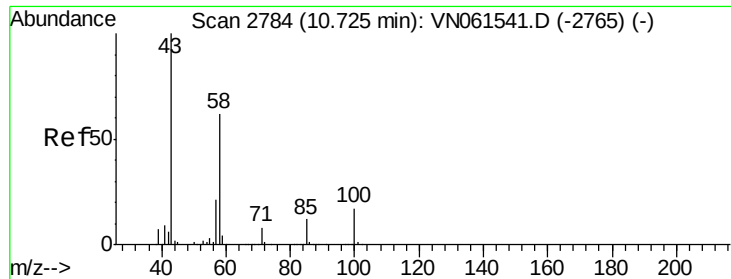
Tgt Ion: 63 Resp: 434787

Ion Ratio Lower Upper

63 100

106 33.5 25.9 38.9

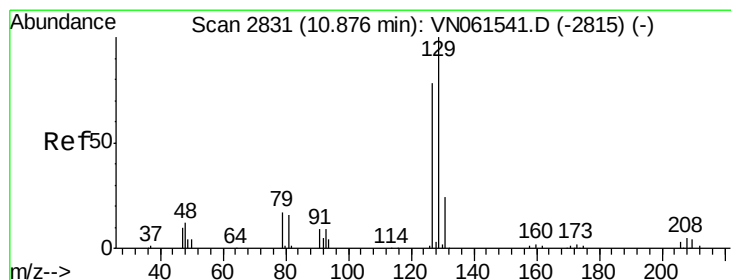
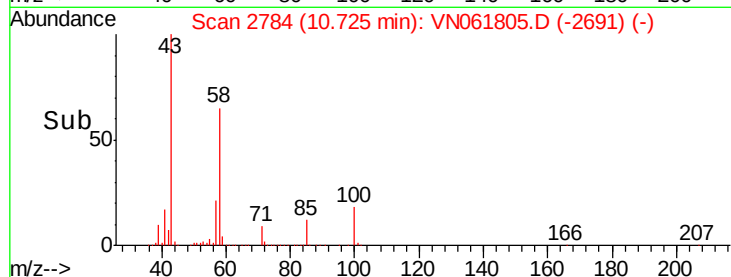
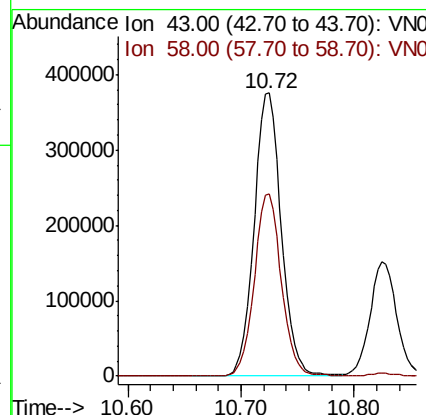
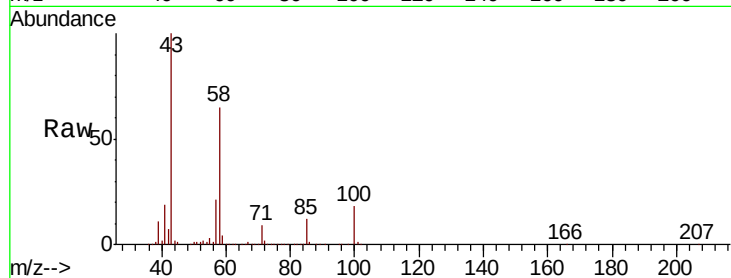




#59
2-Hexanone
Concen: 248.824 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

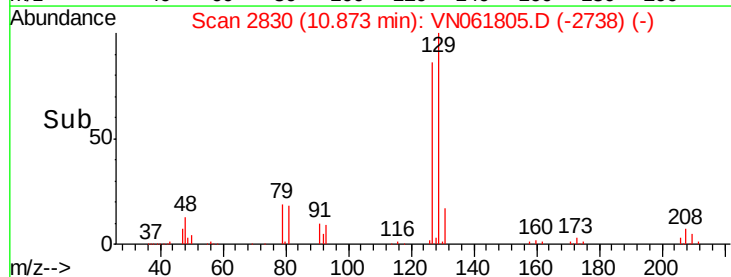
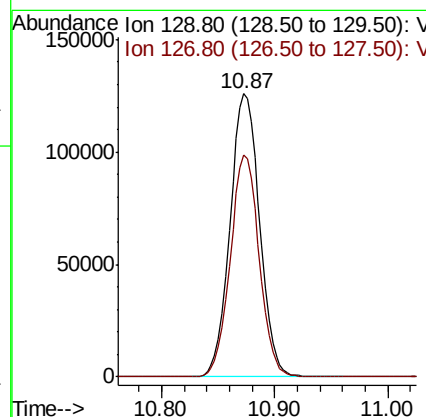
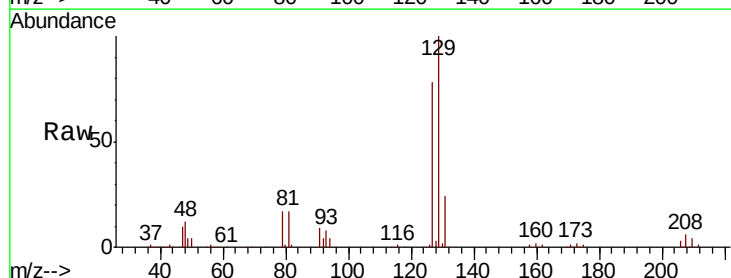
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

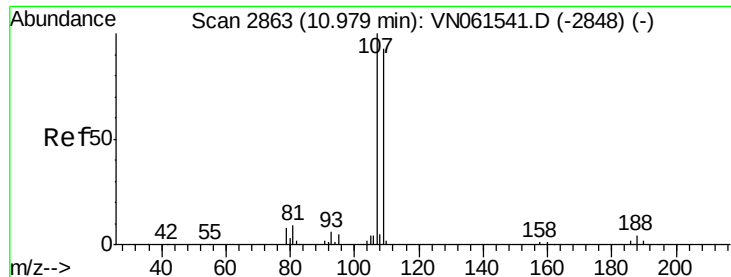
Tot Ion: 43 Resp: 627967
Ion Ratio Lower Upper
43 100
58 63.8 30.7 92.1



#60
Dibromochloromethane
Concen: 58.264 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 129 Resp: 228703
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3

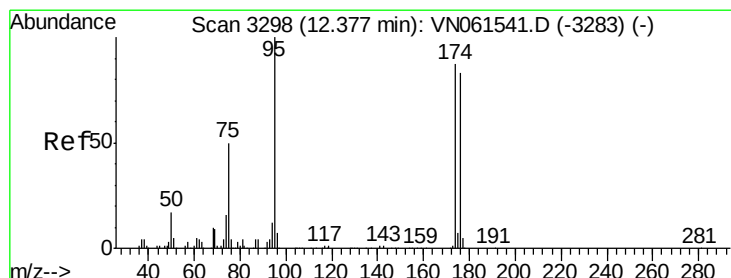
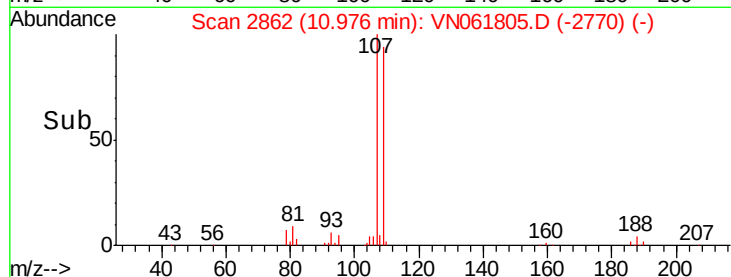
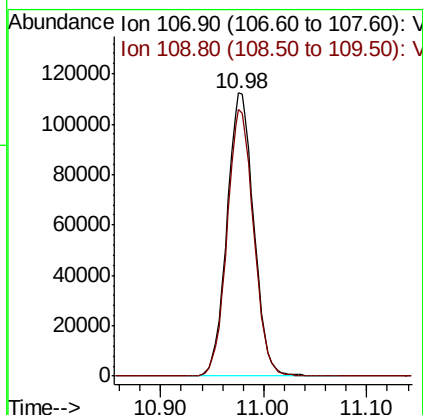
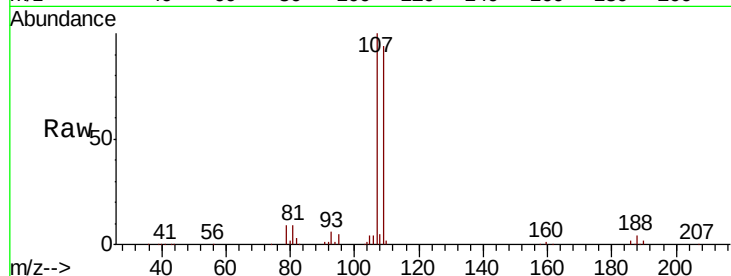




#61
 1,2-Dibromoethane
 Concen: 56.377 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

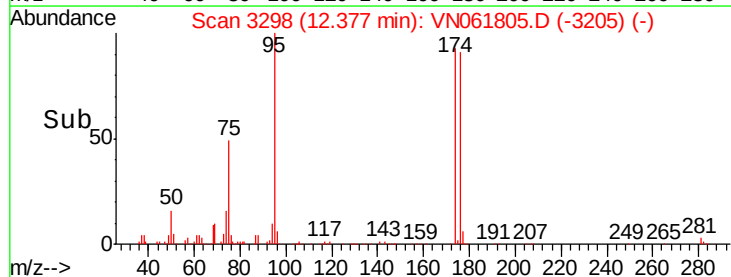
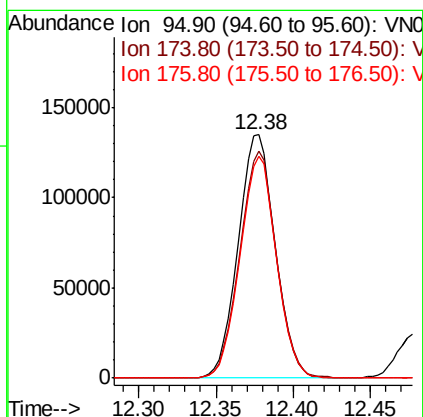
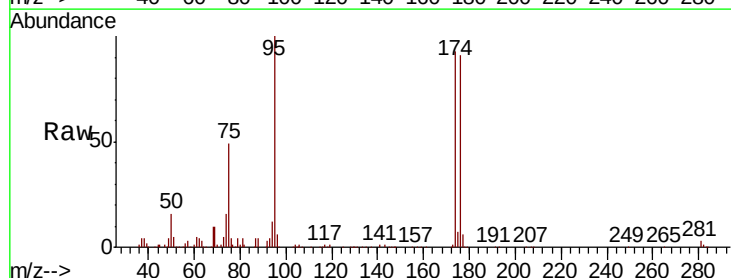
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

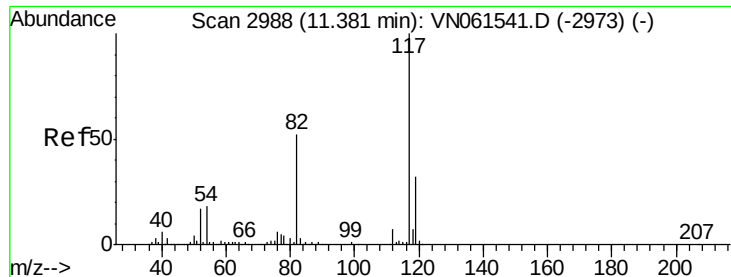
Tot Ion:107 Resp: 203014
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 53.896 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion: 95 Resp: 224706
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 172.8
 176 89.7 0.0 164.8

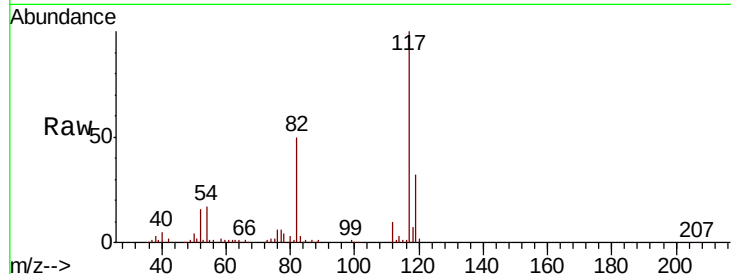




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.5	62.3
119	32.4	25.6	38.4

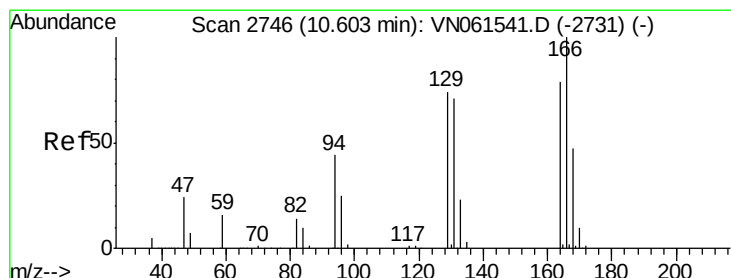
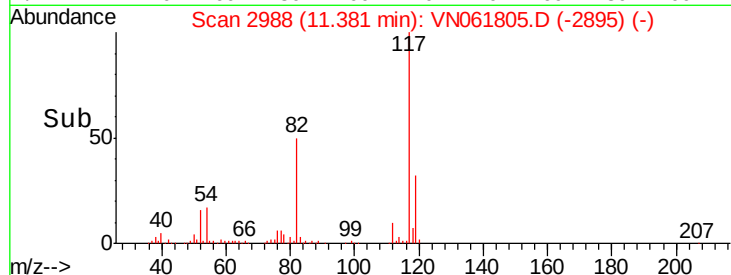
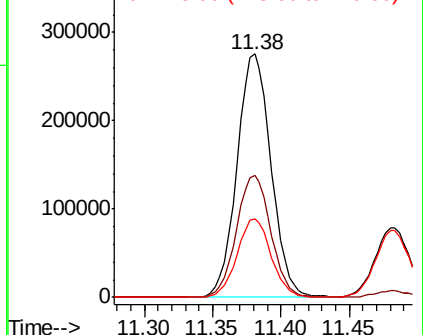


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 55.125 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.5	152.3
129	91.4	74.9	112.3
131	87.8	72.2	108.2

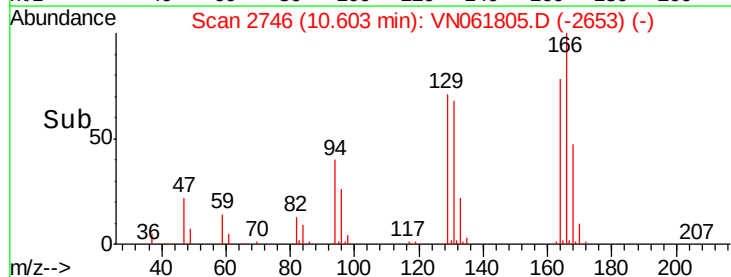
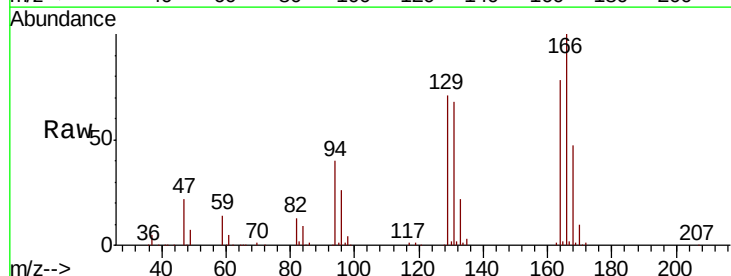
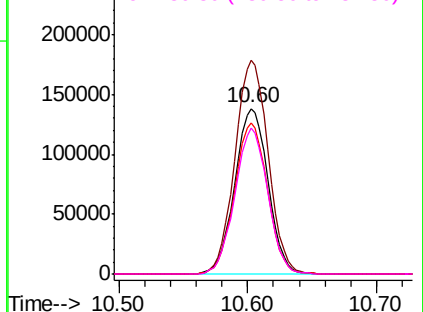
Abundance

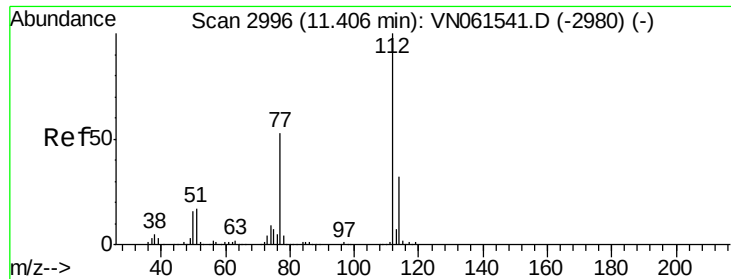
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

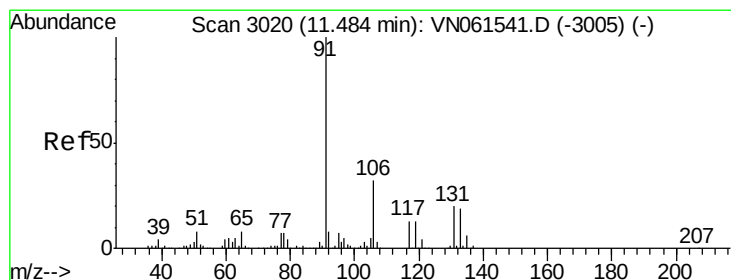
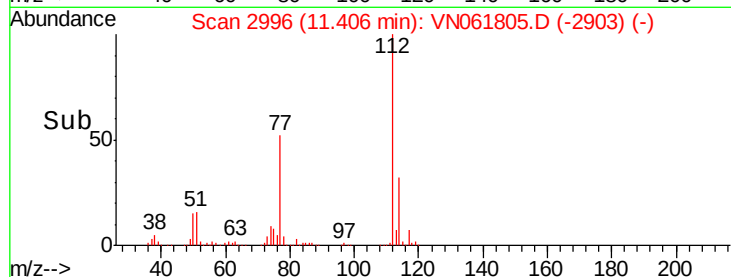
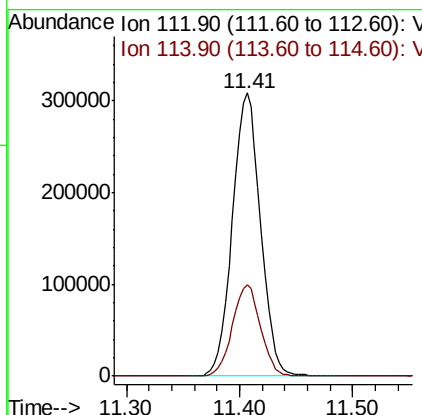
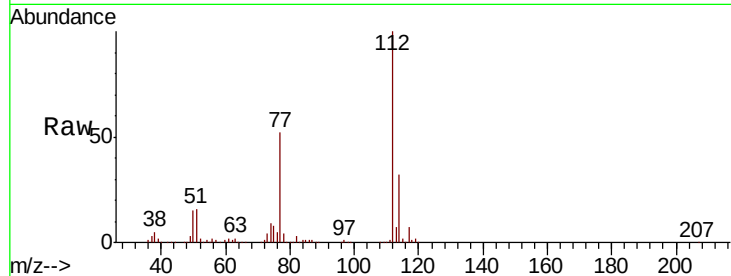




#65
Chlorobenzene
Concen: 53.581 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

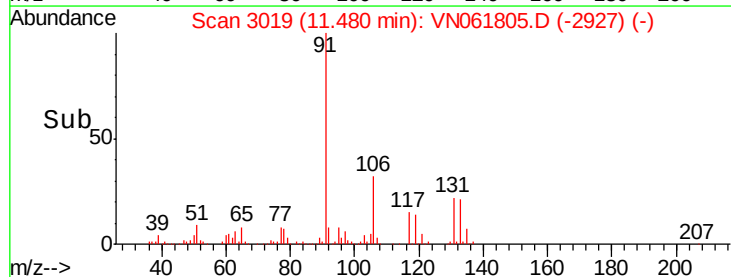
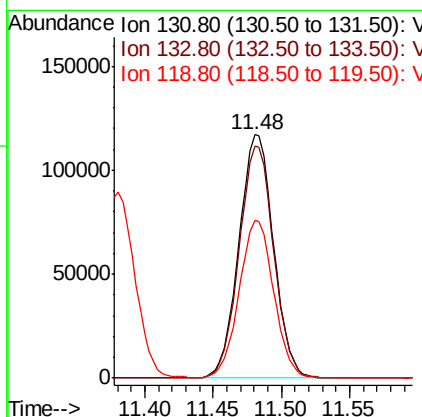
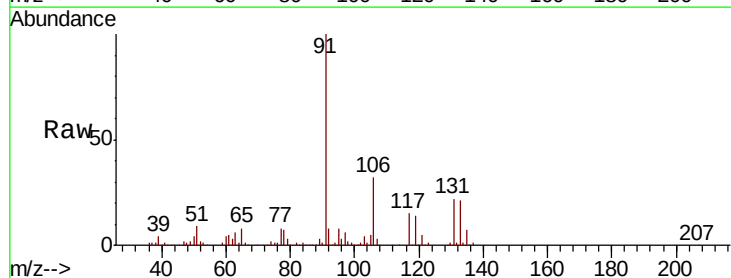
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

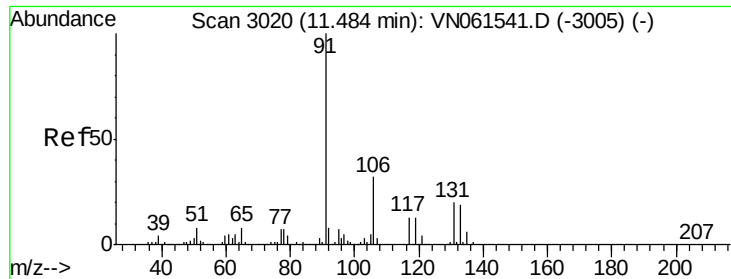
Tot Ion:112 Resp: 531669
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.888 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion:131 Resp: 206489
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.2
119 64.6 32.6 97.8

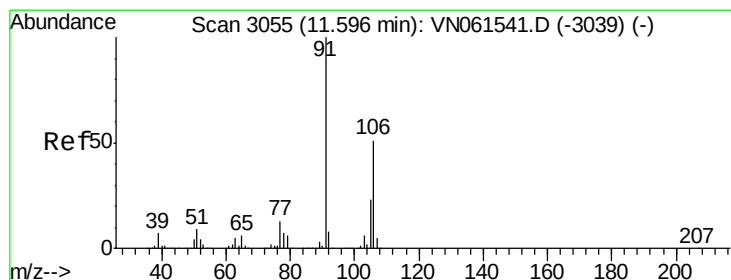
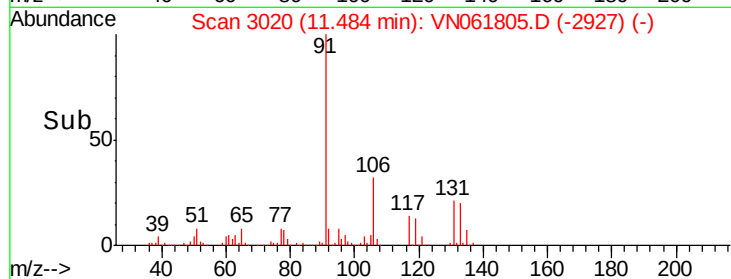
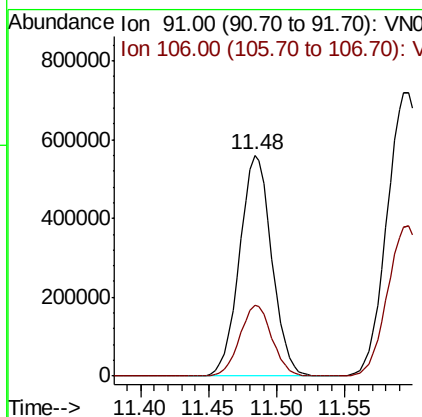
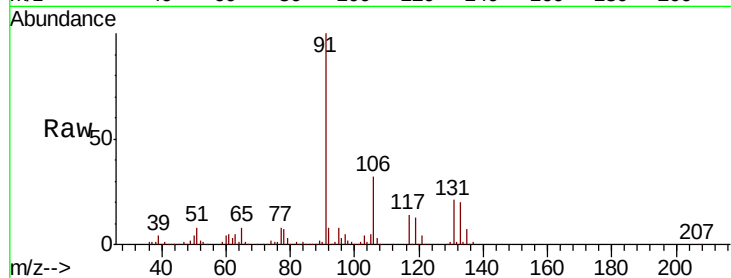




#67
Ethyl Benzene
Concen: 53.590 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

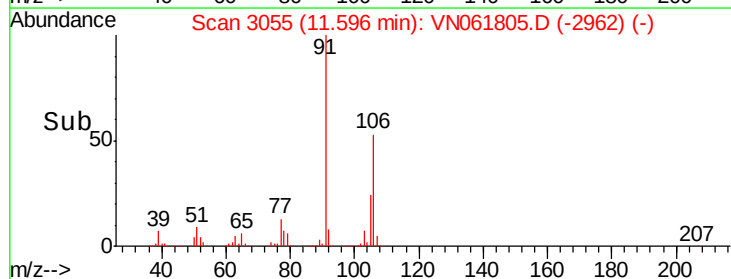
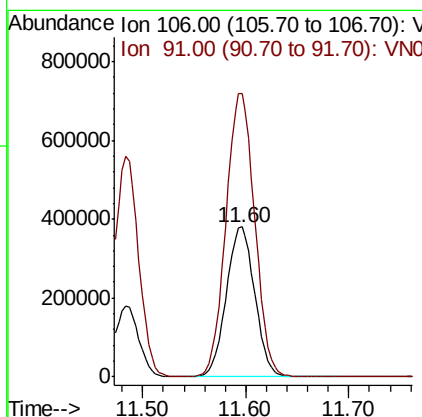
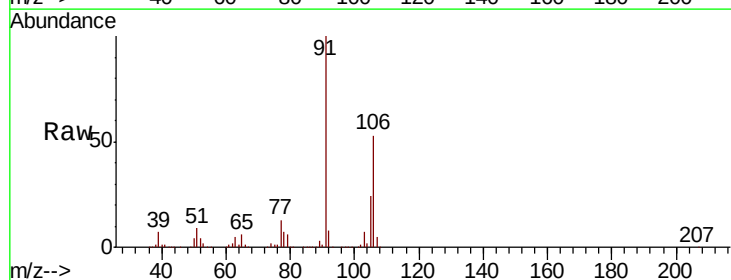
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

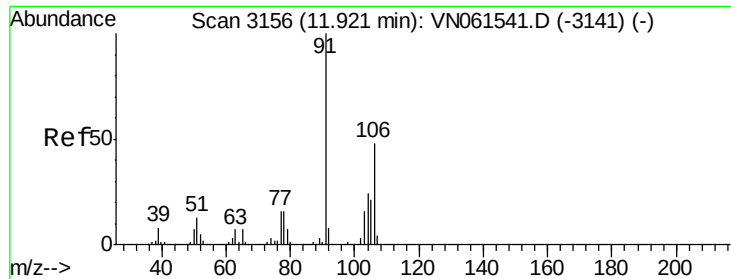
Tot Ion: 91 Resp: 919090
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4



#68
m/p-Xylenes
Concen: 107.037 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 106 Resp: 727869
Ion Ratio Lower Upper
106 100
91 192.1 156.2 234.4

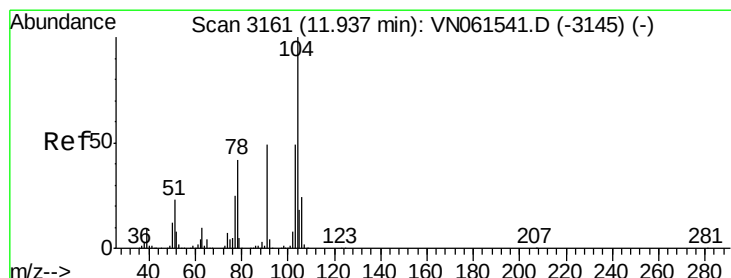
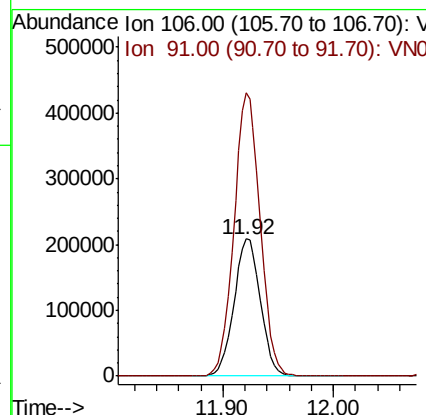
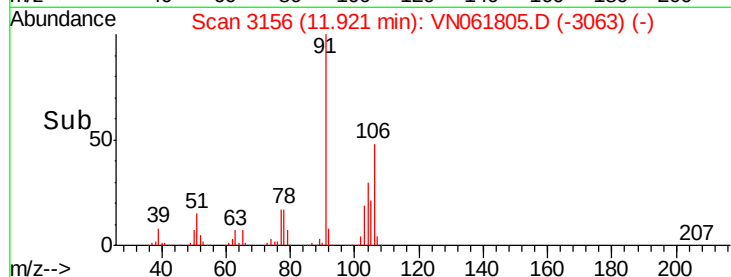
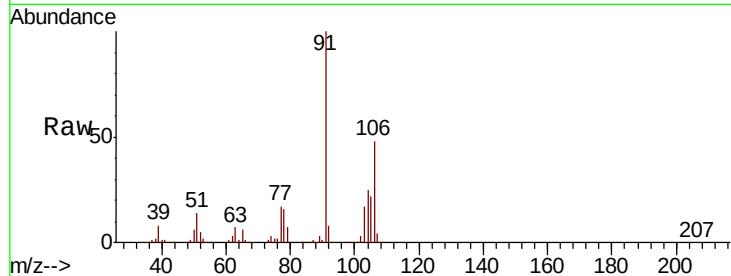




#69
o-Xylene
Concen: 53.532 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

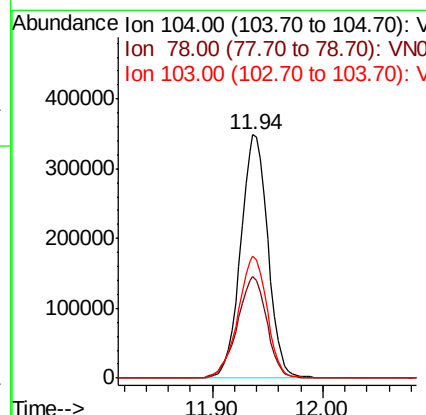
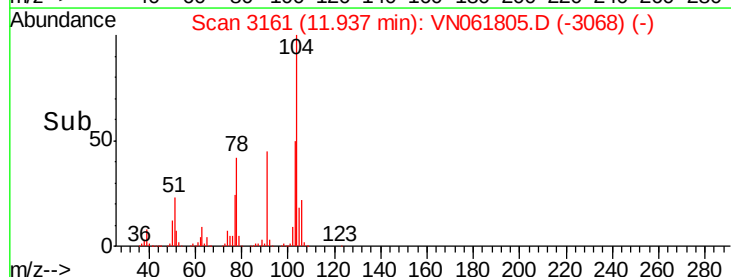
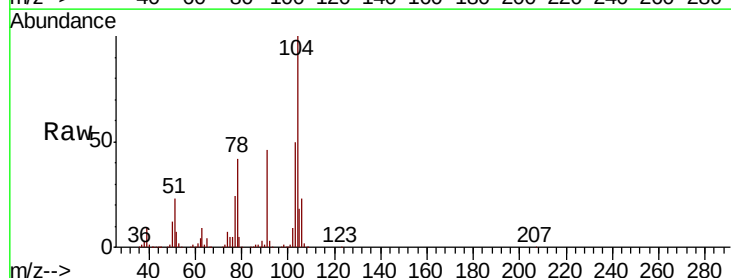
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

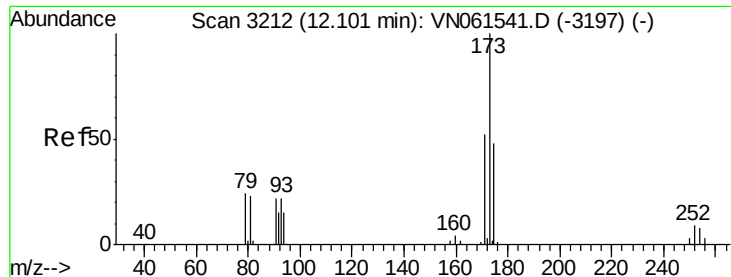
Tot Ion:106 Resp: 345753
Ion Ratio Lower Upper
106 100
91 204.0 103.3 309.8



#70
Styrene
Concen: 55.656 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion:104 Resp: 595295
Ion Ratio Lower Upper
104 100
78 45.3 37.4 56.0
103 53.5 42.3 63.5





#71

Bromoform

Concen: 58.625 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

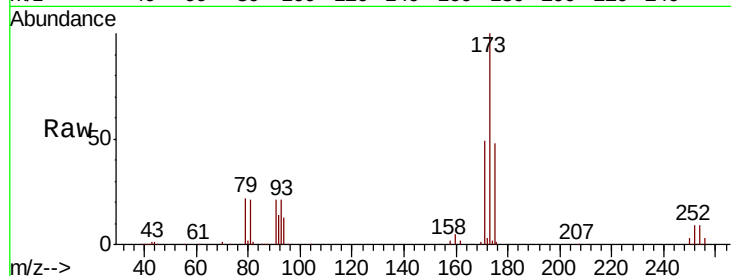
Tot Ion:173 Resp: 166906

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.2

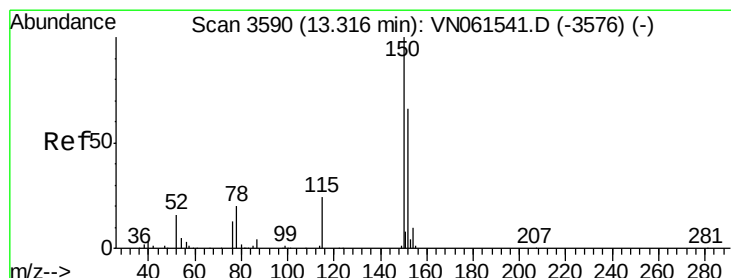
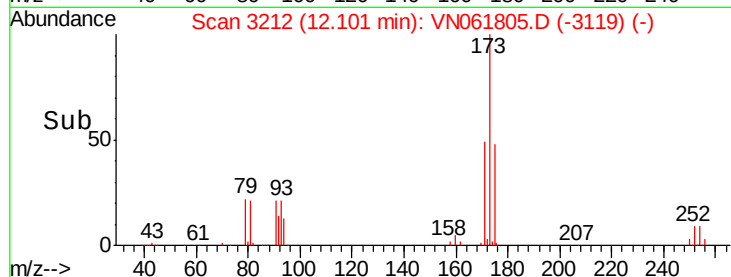
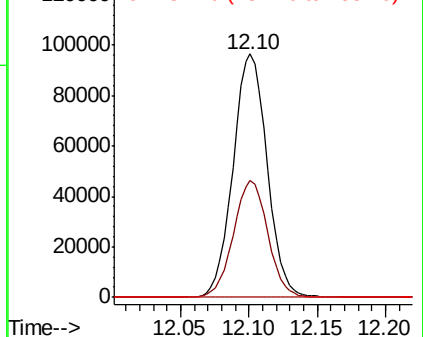
254 0.1 0.0 0.0#



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# 3590

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

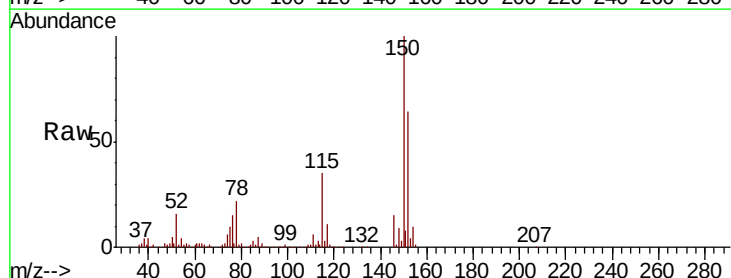
Tgt Ion:152 Resp: 252931

Ion Ratio Lower Upper

152 100

115 55.2 28.0 84.0

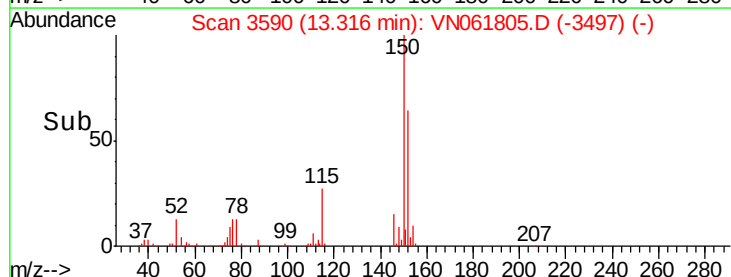
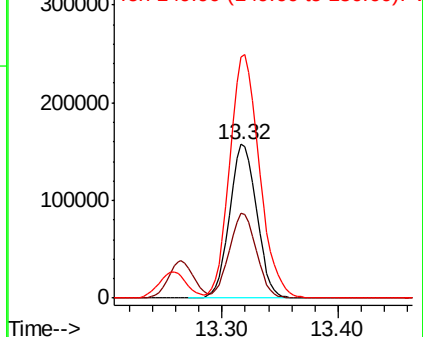
150 174.1 0.0 344.0

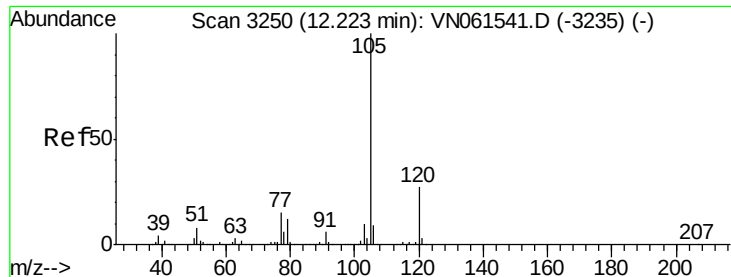


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.486 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

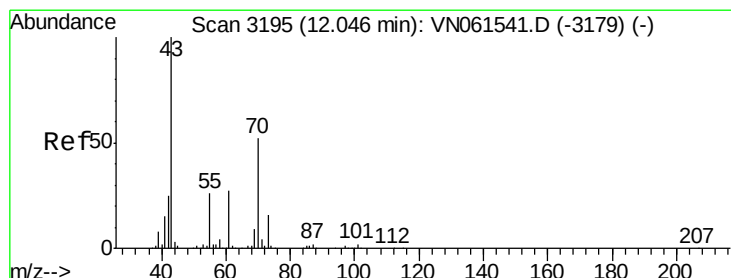
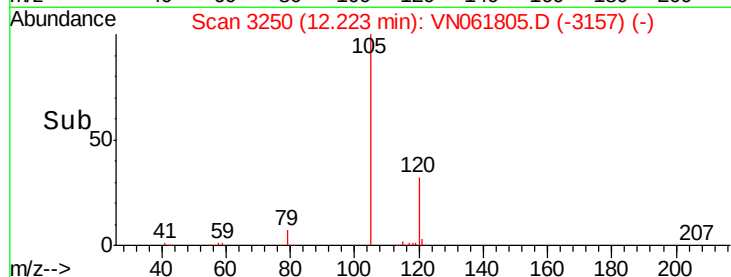
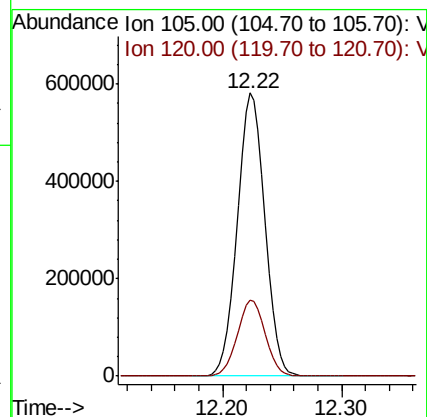
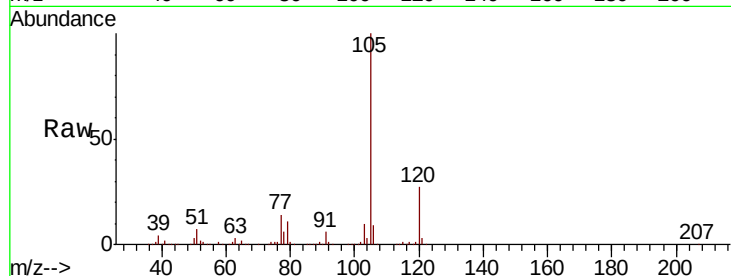
VSTDCCC050EC

Tot Ion:105 Resp: 931999

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



#74

N-ethyl acetate

Concen: 42.790 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Tgt Ion: 43 Resp: 248768

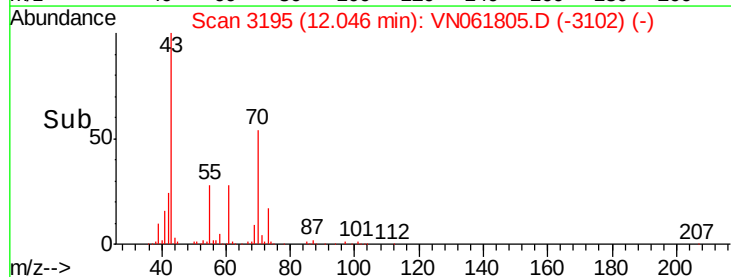
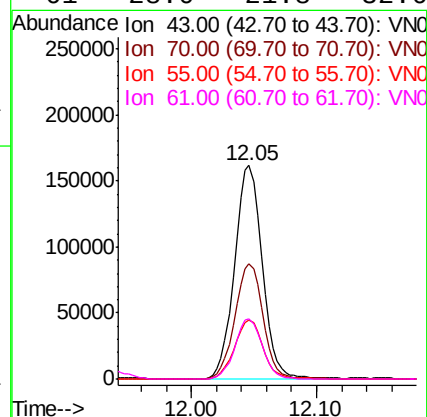
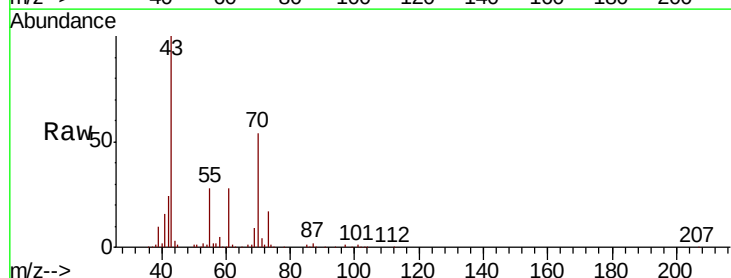
Ion Ratio Lower Upper

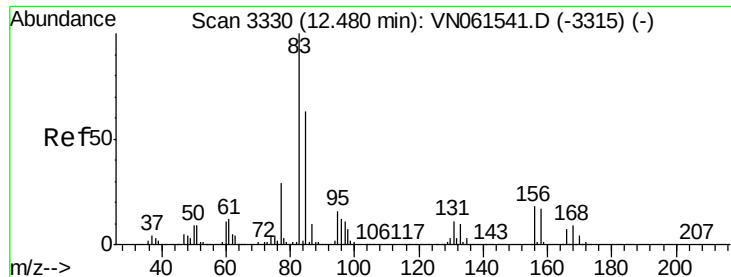
43 100

70 54.7 40.5 60.7

55 28.3 20.6 31.0

61 28.0 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.225 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

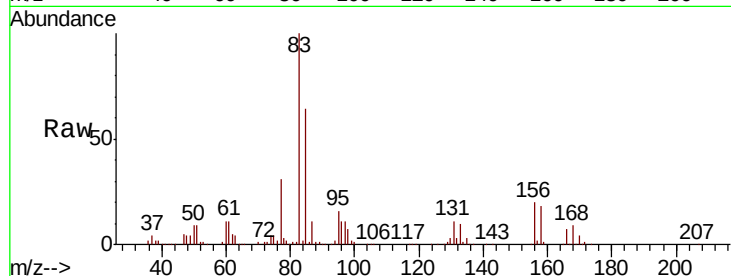
Tot Ion: 83 Resp: 249483

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

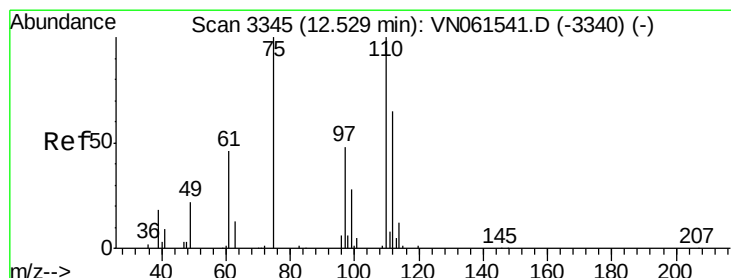
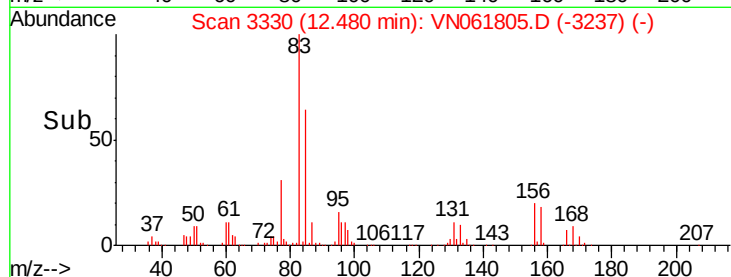
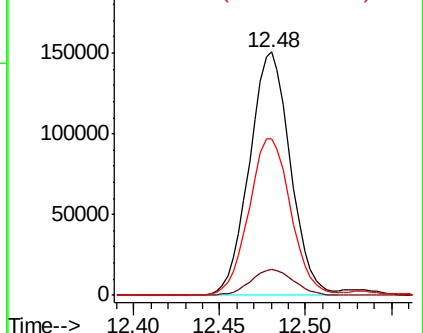
85 65.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061805.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061805.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061805.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 69.370 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061805.D

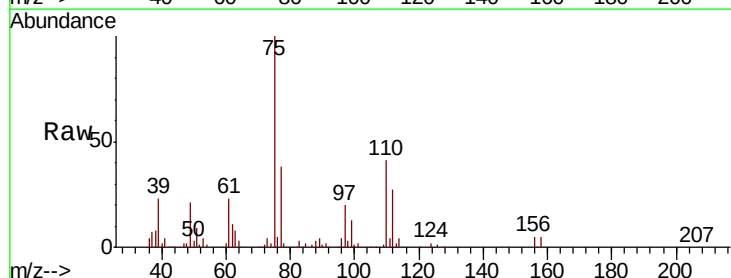
Acq: 12 Jun 2020 20:41

Tgt Ion: 75 Resp: 319052

Ion Ratio Lower Upper

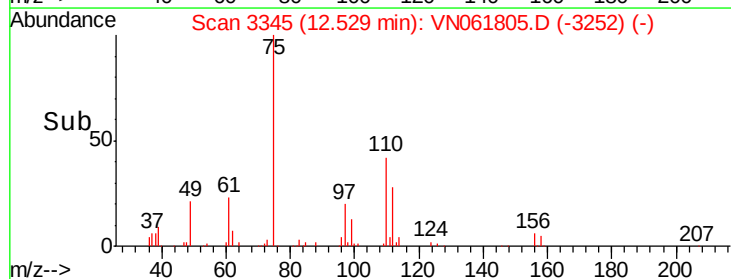
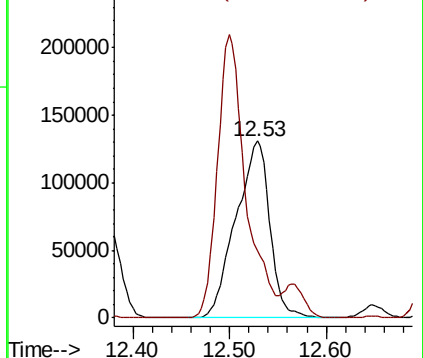
75 100

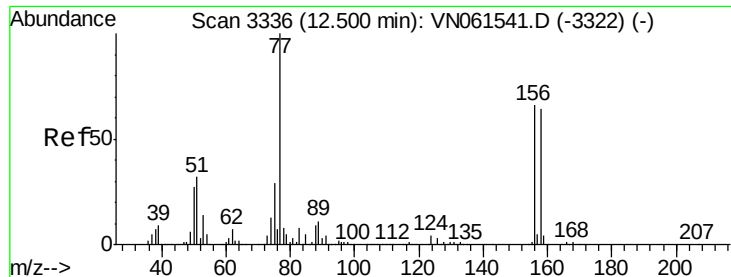
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061805.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061805.D (-3252) (-)





#77

Bromobenzene

Concen: 52.189 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

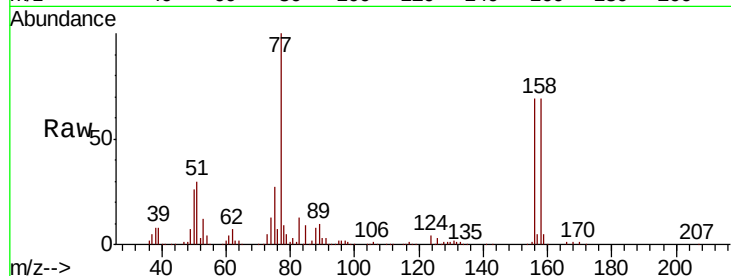
Tot Ion:156 Resp: 245928

Ion Ratio Lower Upper

156 100

77 173.7 90.9 272.7

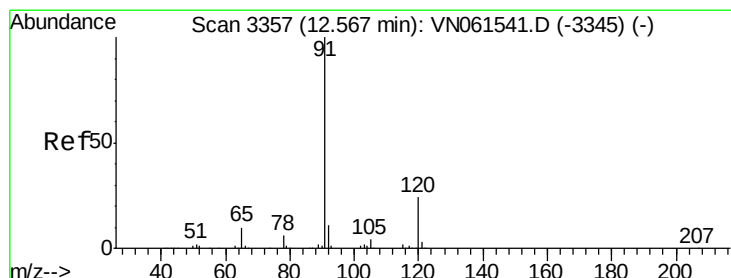
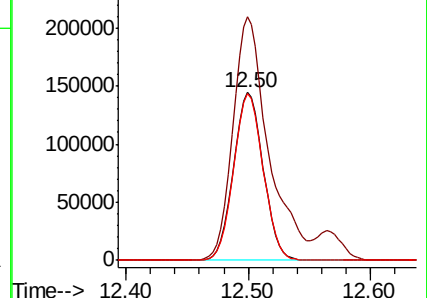
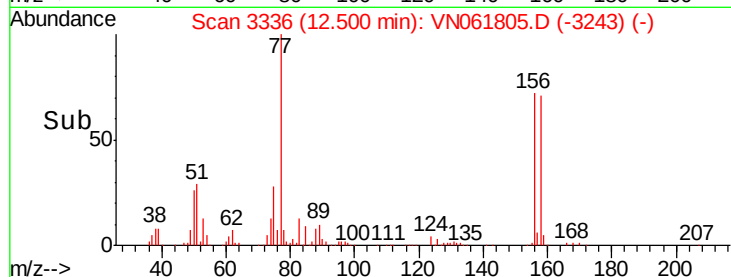
158 98.6 48.4 145.3



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: 50.339 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061805.D

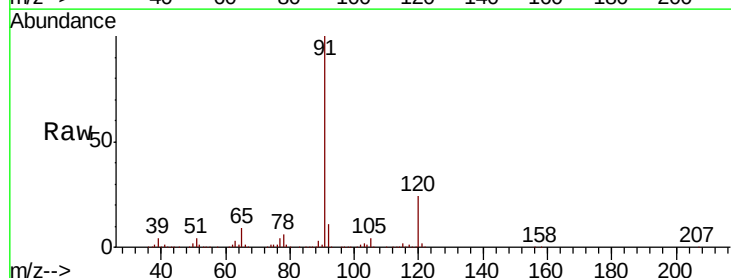
Acq: 12 Jun 2020 20:41

Tgt Ion: 91 Resp: 1037448

Ion Ratio Lower Upper

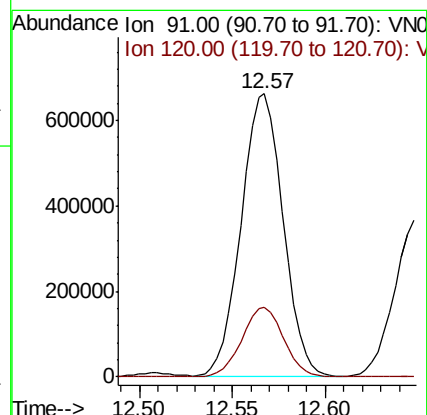
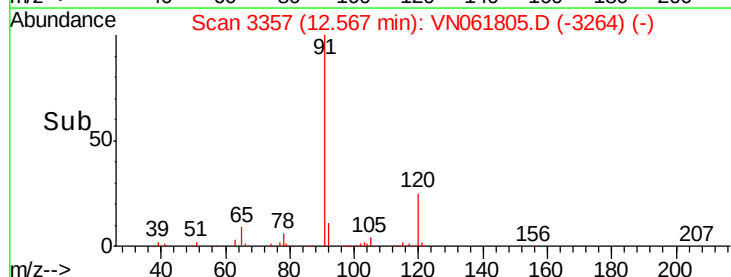
91 100

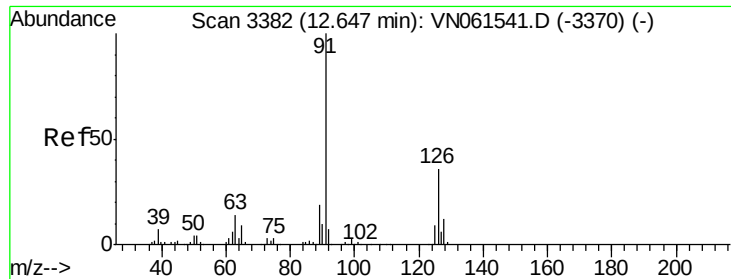
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.234 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

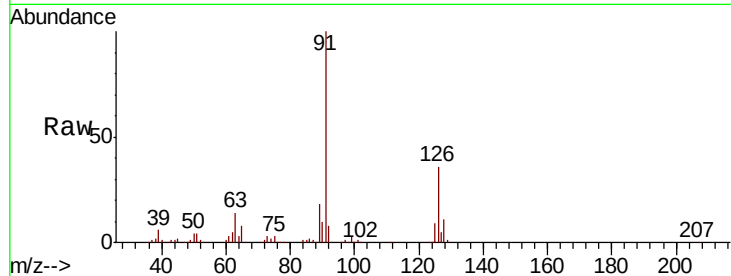
VSTDCCC050EC

Tot Ion: 91 Resp: 605030

Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

600000

400000

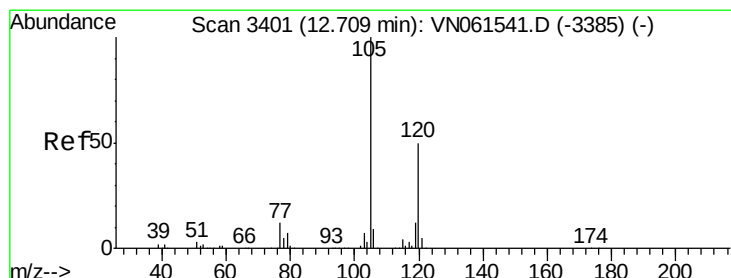
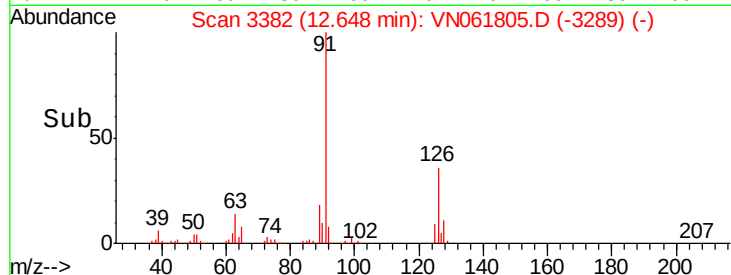
200000

0

12.65

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.277 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061805.D

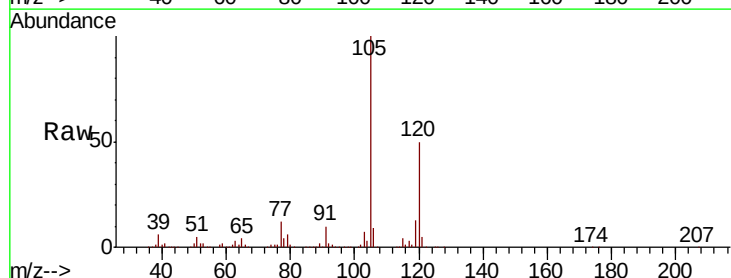
Acq: 12 Jun 2020 20:41

Tgt Ion: 105 Resp: 775753

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

500000

400000

300000

200000

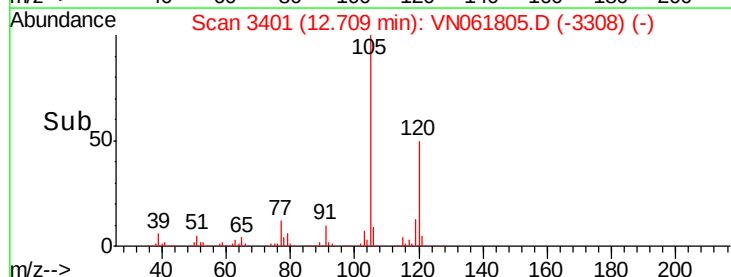
100000

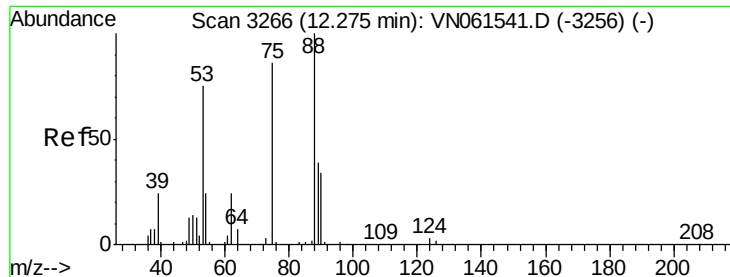
0

12.71

12.60 12.70 12.80

Time-->

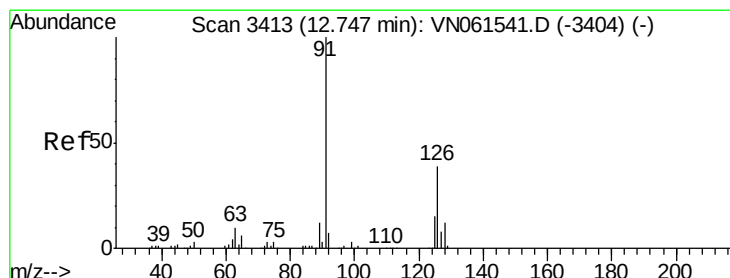
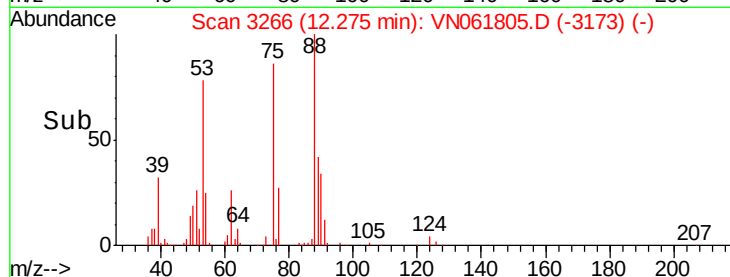
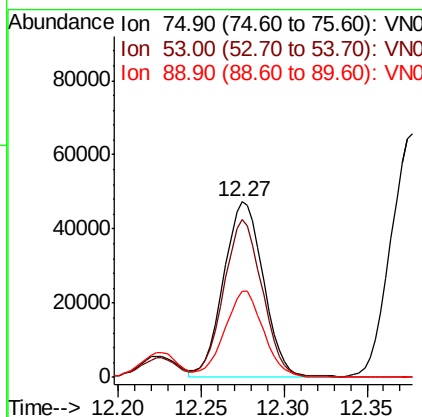
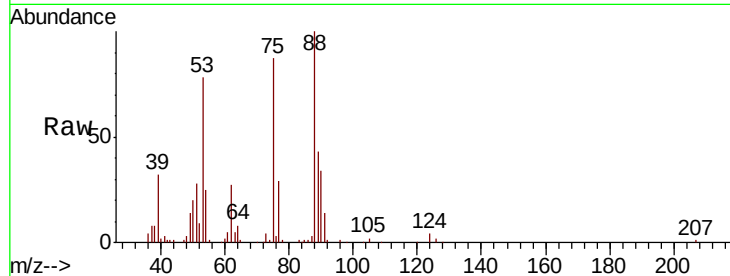




#81
trans-1,4-Dichloro-2-butene
Concen: 43.881 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

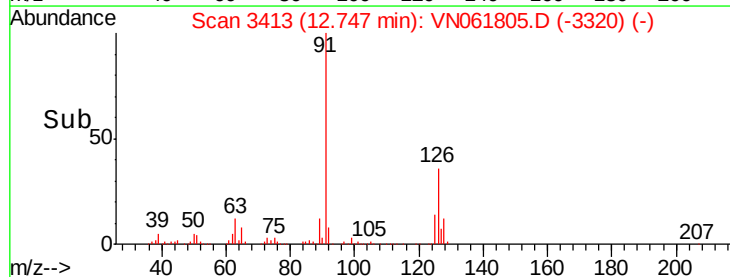
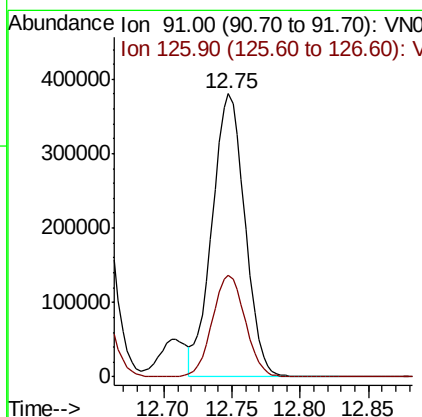
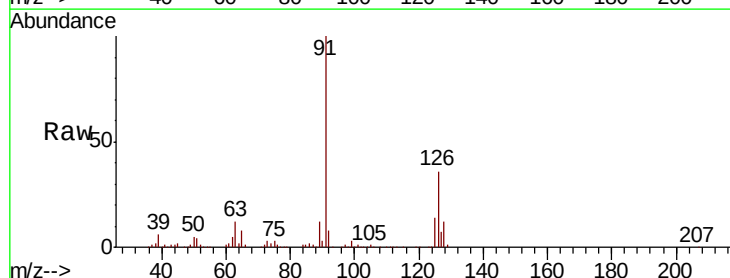
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

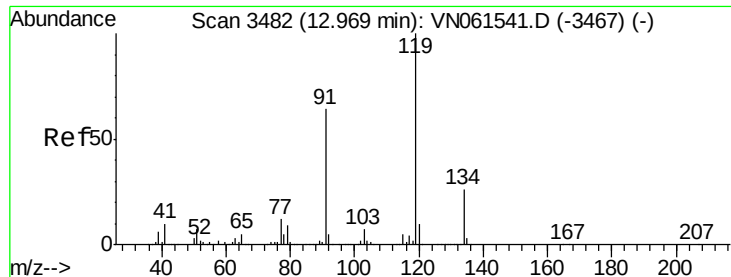
Tot Ion: 75 Resp: 78921
Ion Ratio Lower Upper
75 100
53 88.1 67.8 101.8
89 47.9 37.1 55.7



#82
4-Chlorotoluene
Concen: 49.114 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061805.D
Acq: 12 Jun 2020 20:41

Tgt Ion: 91 Resp: 634941
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.6

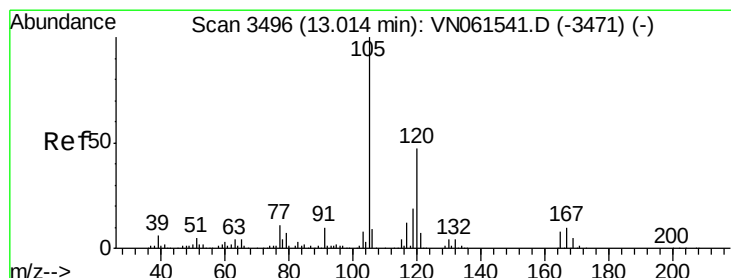
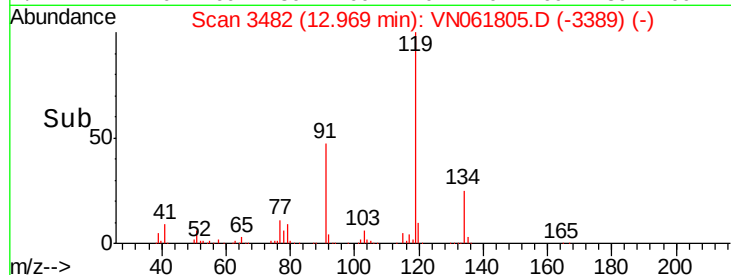
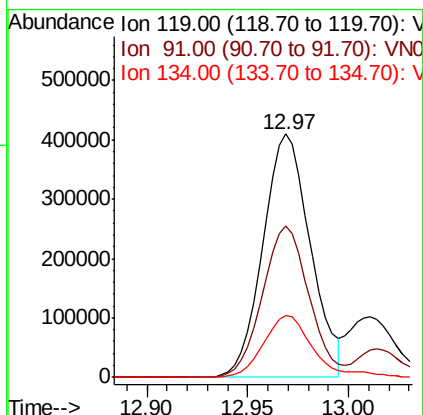
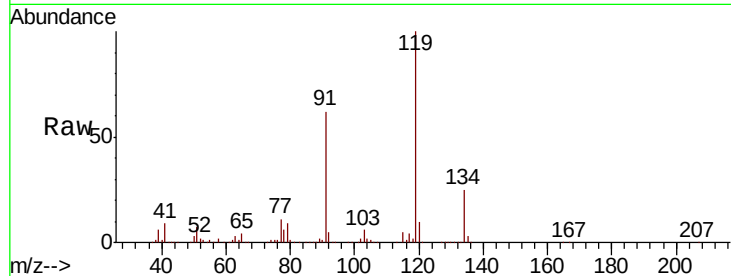




#83
 tert-Butylbenzene
 Concen: 49.108 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

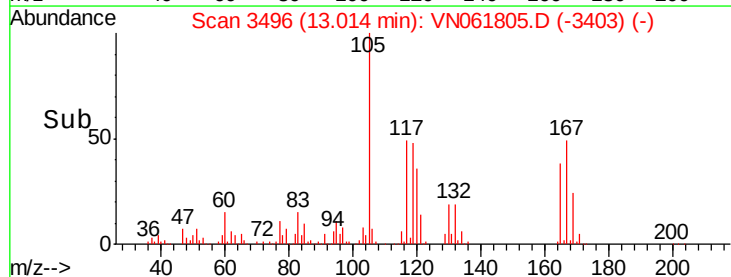
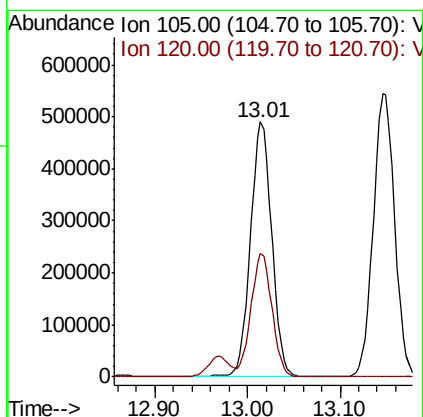
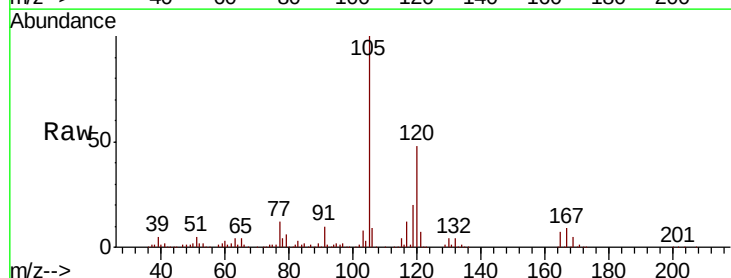
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

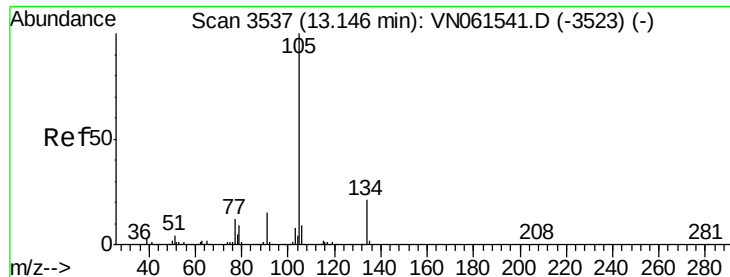
Tot Ion:119 Resp: 669485
 Ion Ratio Lower Upper
 119 100
 91 60.9 31.3 93.8
 134 26.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.036 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion:105 Resp: 782294
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 49.311 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

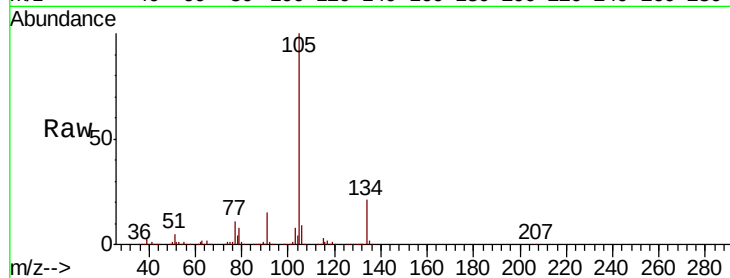
VSTDCCC050EC

Tot Ion:105 Resp: 866257

Ion Ratio Lower Upper

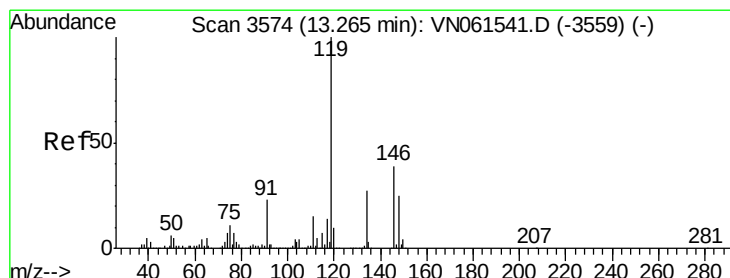
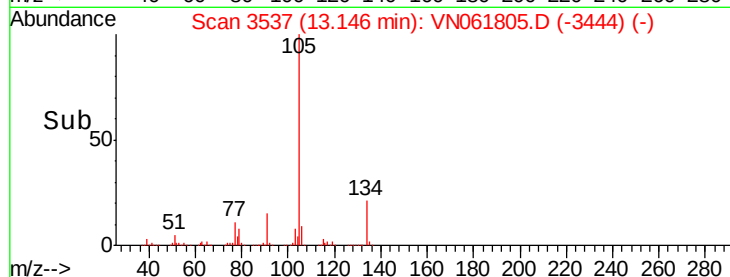
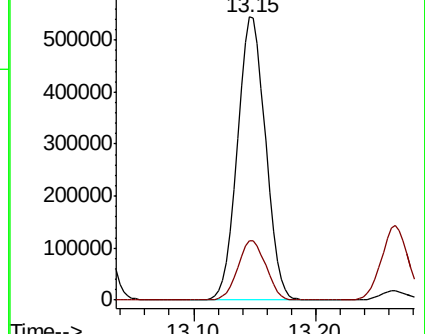
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.991 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

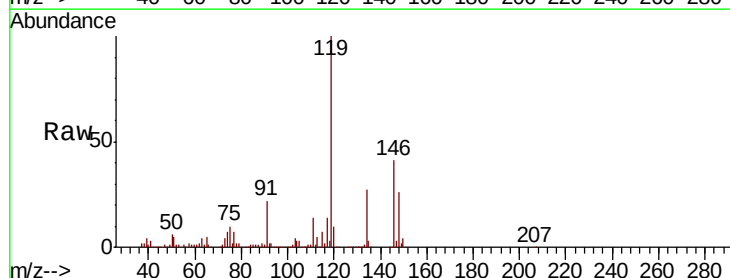
Tgt Ion:119 Resp: 808751

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

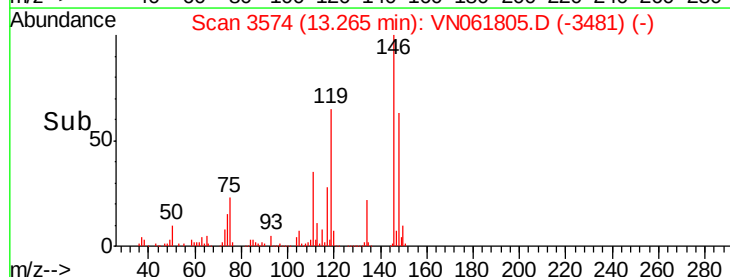
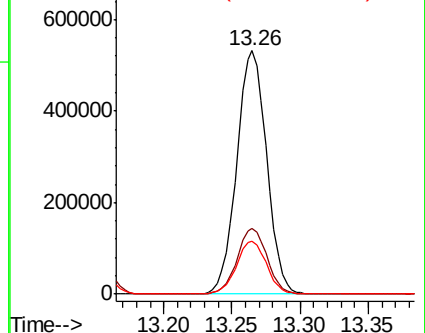
91 22.0 11.4 34.1

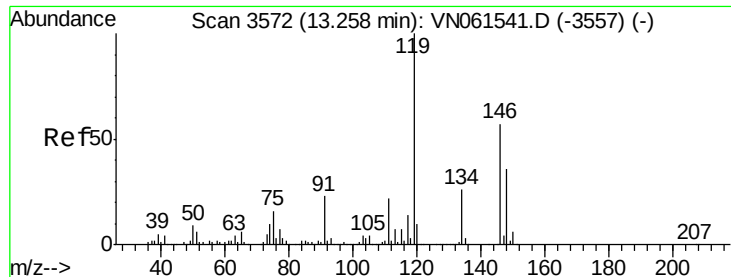


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

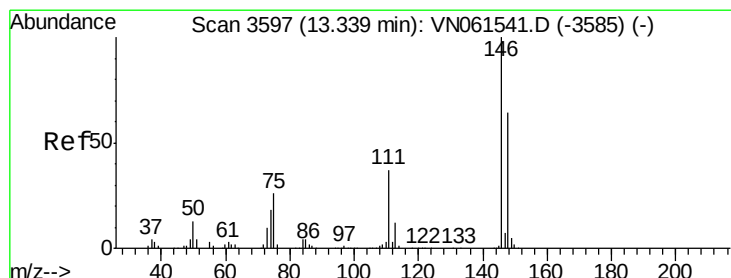
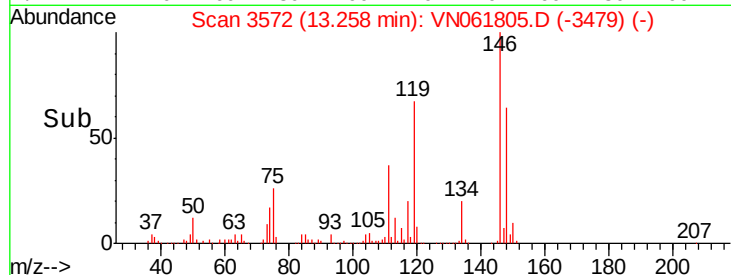
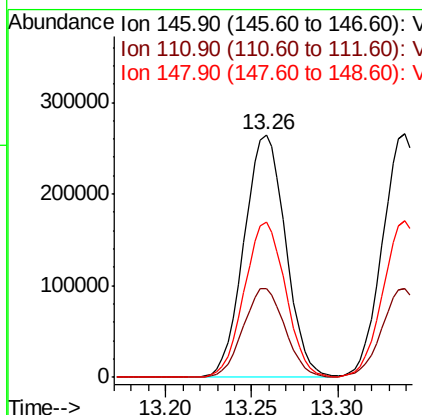
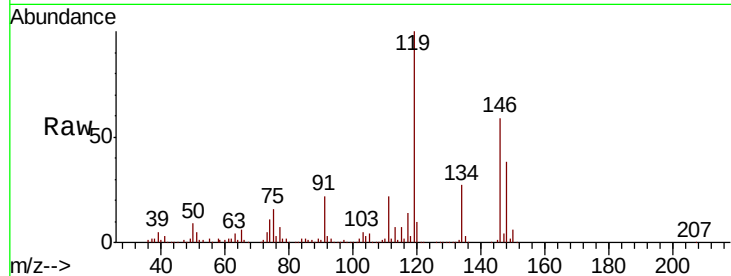




#87
 1,3-Dichlorobenzene
 Concen: 53.297 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

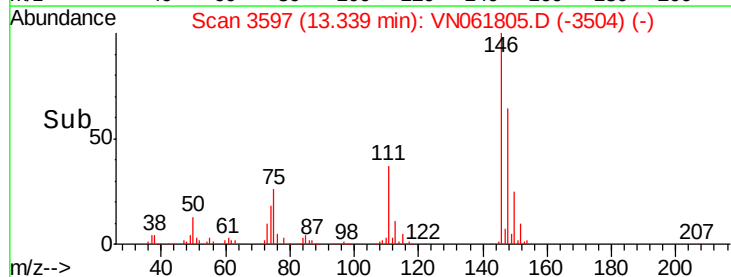
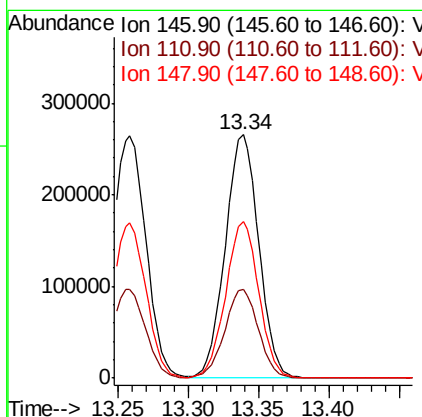
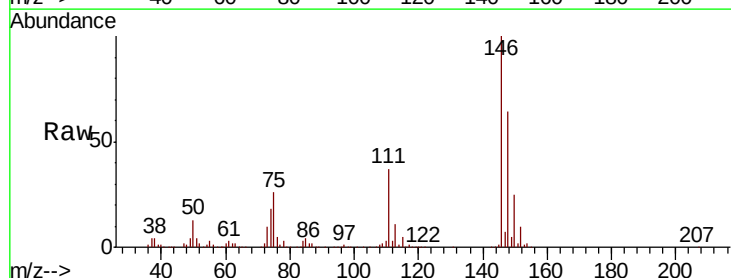
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

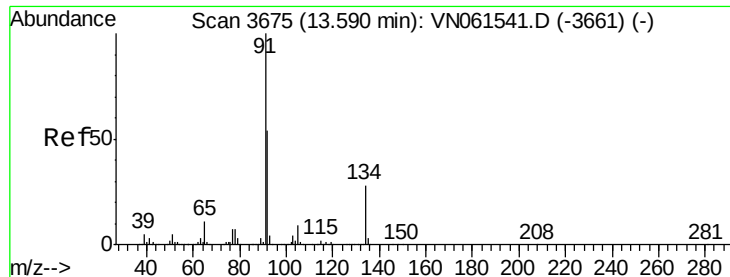
Tot Ion:146 Resp: 444737
 Ion Ratio Lower Upper
 146 100
 111 36.7 19.2 57.6
 148 63.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 51.739 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion:146 Resp: 439819
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.9 56.9
 148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 48.438 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

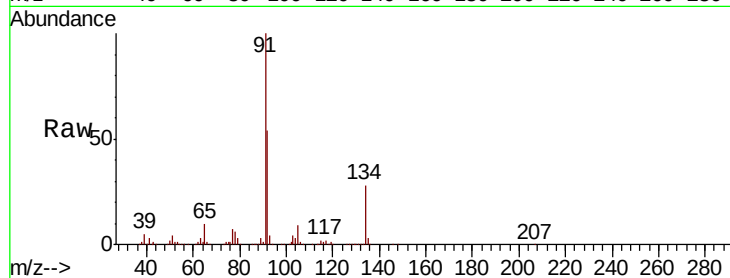
Tot Ion: 91 Resp: 656352

Ion Ratio Lower Upper

91 100

92 53.4 27.2 81.6

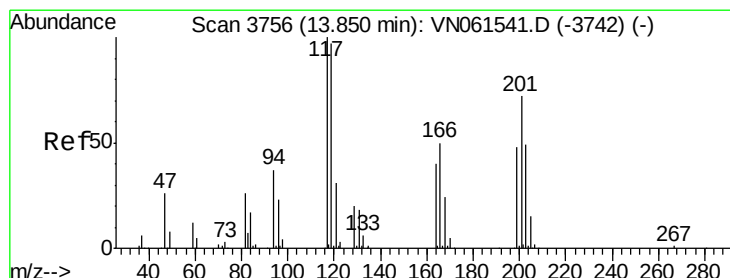
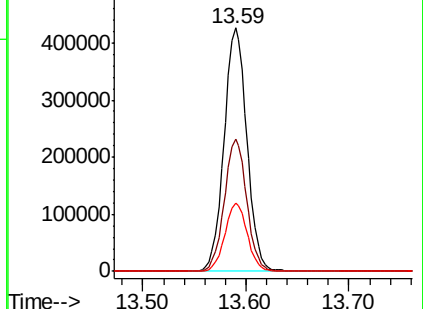
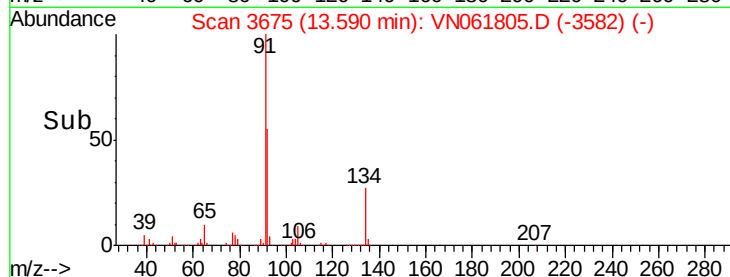
134 27.6 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061805.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061805.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061805.D (-3582) (-)



#90

Hexachloroethane

Concen: 63.389 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061805.D

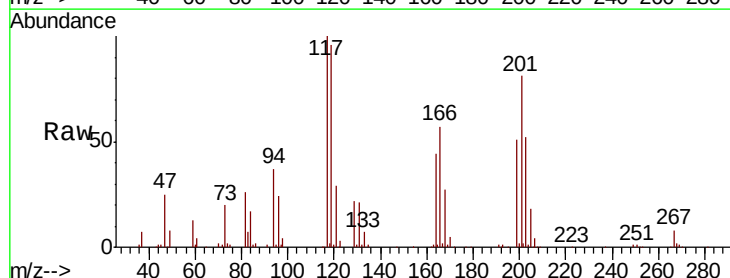
Acq: 12 Jun 2020 20:41

Tgt Ion: 117 Resp: 113411

Ion Ratio Lower Upper

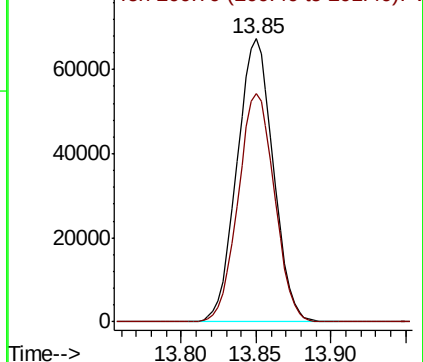
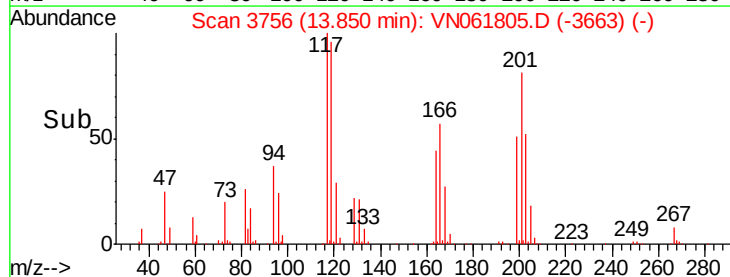
117 100

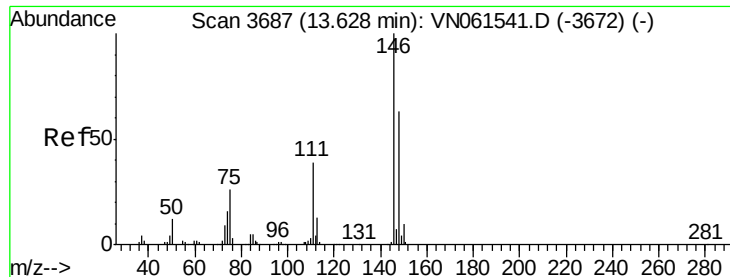
201 81.1 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061805.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061805.D (-3663) (-)

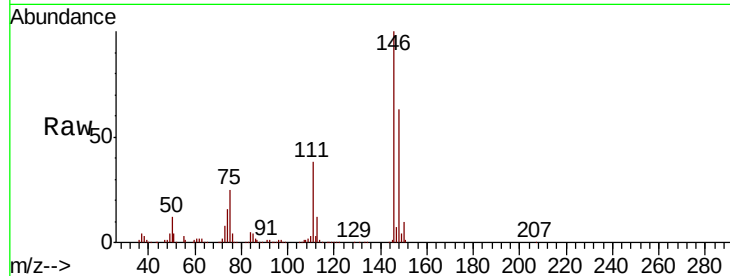




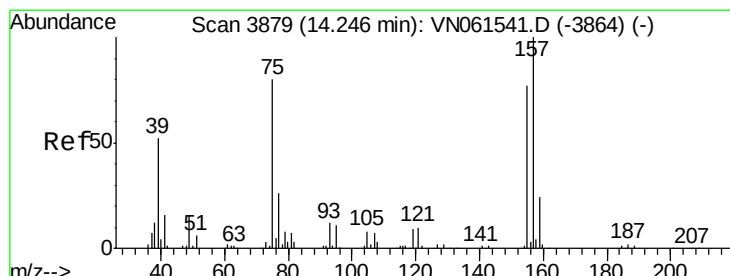
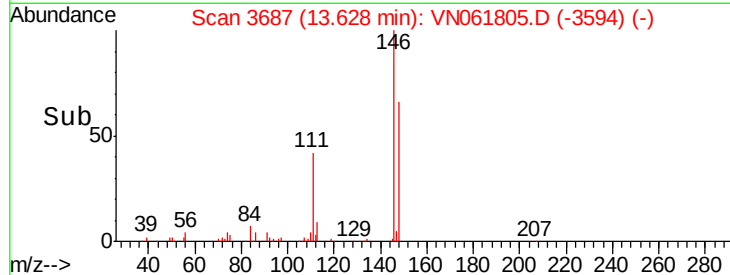
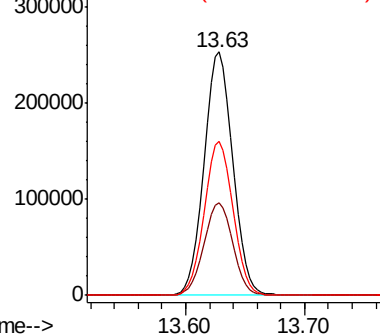
#91
 1,2-Dichlorobenzene
 Concen: 53.214 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.1	60.2
148	63.4	31.9	95.5

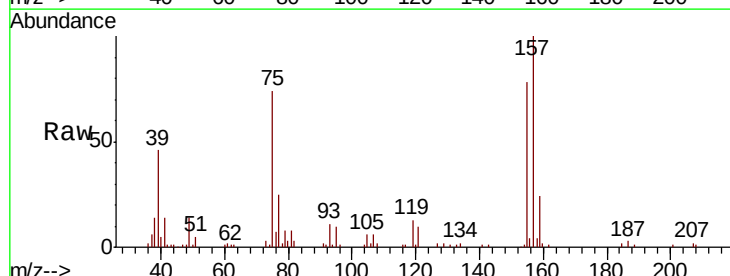


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

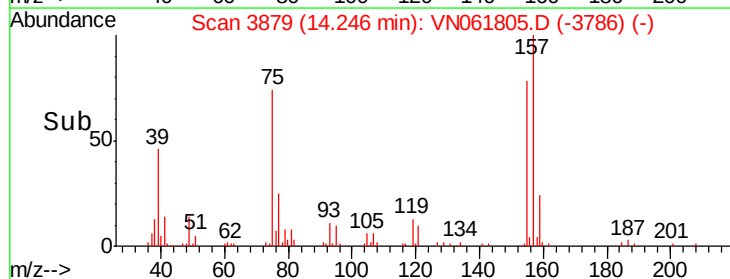
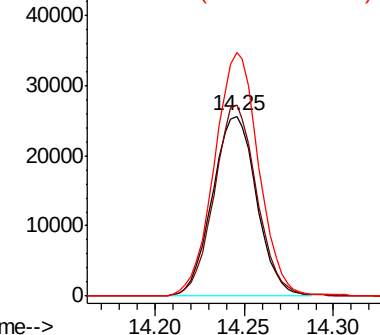


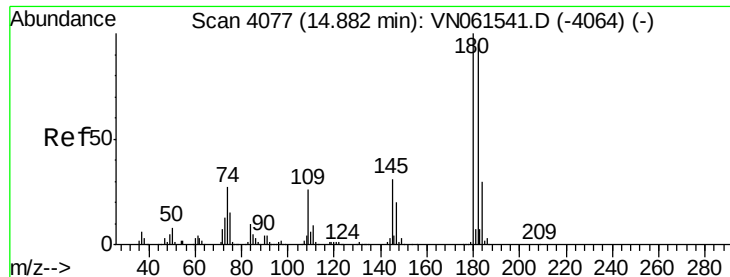
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.038 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	47.1	141.4
157	135.1	60.3	180.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

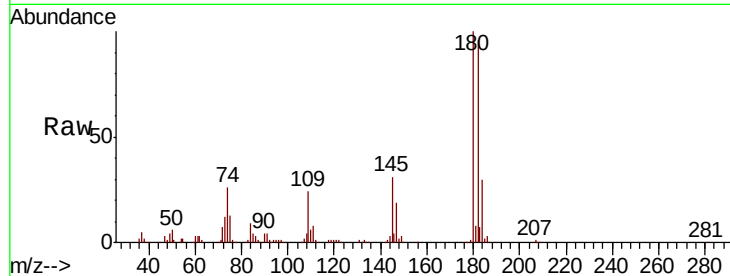




#93
 1,2,4-Trichlorobenzene
 Concen: 51.203 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	30.0	15.5	46.5

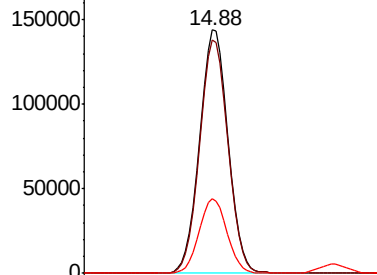


Abundance

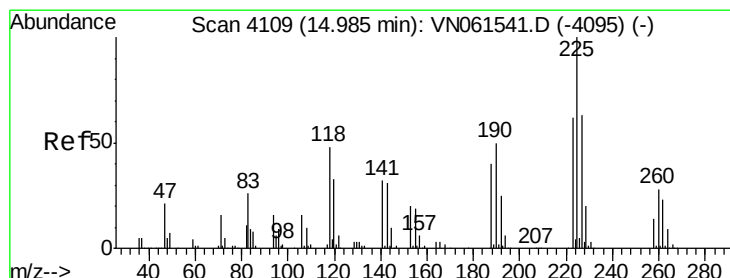
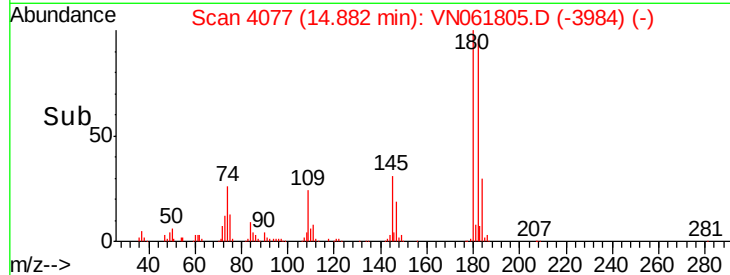
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

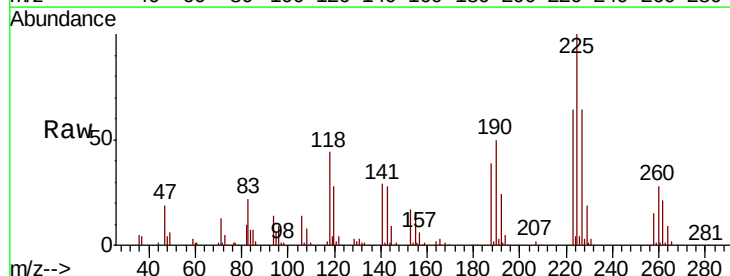


Time-->



#94
 Hexachlorobutadiene
 Concen: 50.922 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061805.D
 Acq: 12 Jun 2020 20:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.9	95.5
227	63.4	31.9	95.9

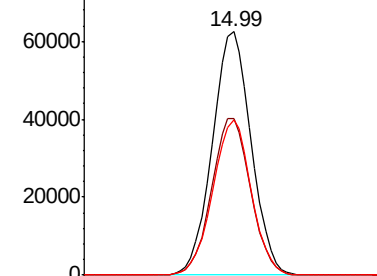


Abundance

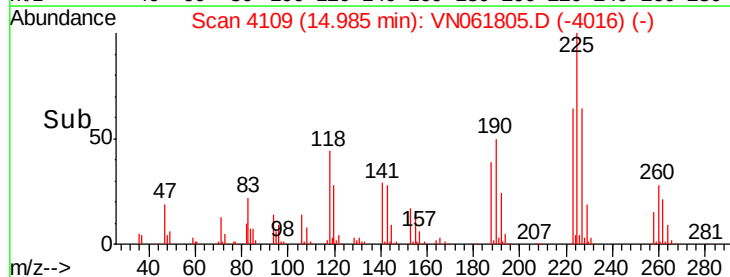
Ion 224.70 (224.40 to 225.40): V

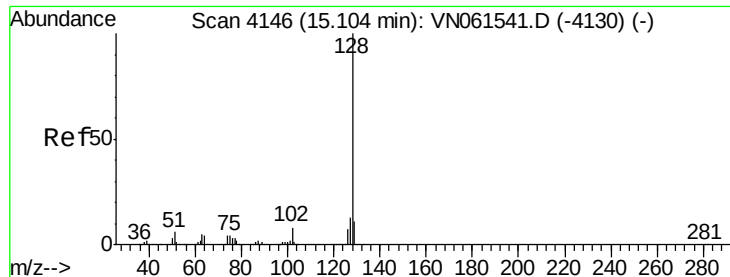
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 46.547 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

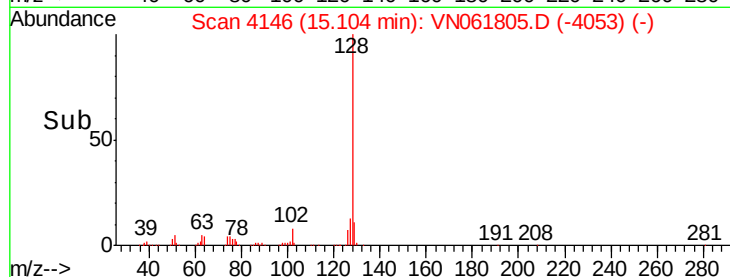
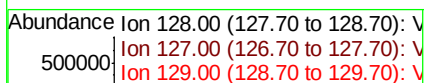
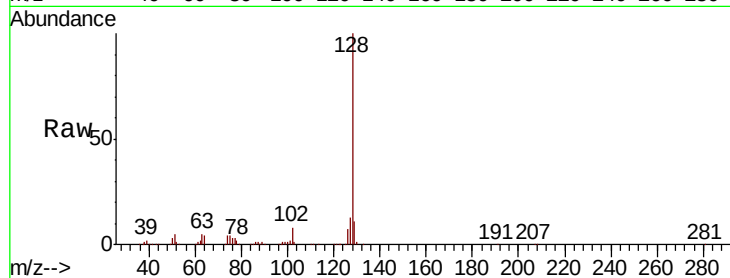
Tot Ion:128 Resp: 660741

Ion Ratio Lower Upper

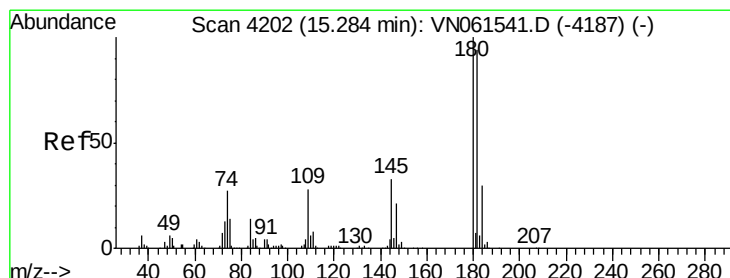
128 100

127 12.9 10.0 15.0

129 10.6 8.5 12.7



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 52.101 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061805.D

Acq: 12 Jun 2020 20:41

Tgt Ion:180 Resp: 238903

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.3

145 31.4 16.3 48.9

