

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061630.D
 Acq On : 3 Jun 2020 11:47
 Operator : JC/MD
 Sample : VN0603WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

Quant Time: Jun 04 07:43:58 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	7.62	168	327148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	538802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	243669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	179715	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.55	113	144460	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.06	98	610090	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.37	95	217471	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67412	18.585	ug/l	99
3) Chloromethane	2.03	50	73658	18.460	ug/l	99
4) Vinyl Chloride	2.16	62	99233	18.148	ug/l	100
5) Bromomethane	2.54	94	62784	20.010	ug/l	100
6) Chloroethane	2.67	64	63458	18.030	ug/l	97
7) Trichlorofluoromethane	2.98	101	130762	18.545	ug/l	98
8) Diethyl Ether	3.37	74	36702	17.022	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	60212	19.243	ug/l	98
10) Methyl Iodide	3.91	142	79091	18.209	ug/l	98
11) Tert butyl alcohol	4.73	59	48031	92.644	ug/l	99
12) 1,1-Dichloroethene	3.70	96	58760	17.578	ug/l	94
13) Acrolein	3.56	56	15741	84.525	ug/l	99
14) Allyl chloride	4.27	41	67366	15.414	ug/l	90
15) Acrylonitrile	4.93	53	120918	83.559	ug/l	99
16) Acetone	3.77	43	96923	86.163	ug/l	99
17) Carbon Disulfide	4.01	76	143486	19.509	ug/l	98
18) Methyl Acetate	4.27	43	59302	16.807	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	198775	17.447	ug/l	100
20) Methylene Chloride	4.50	84	66048	17.513	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	67536	17.914	ug/l	90
22) Diisopropyl ether	5.90	45	171071	17.760	ug/l	98
23) Vinyl Acetate	5.84	43	621014	80.891	ug/l	97
24) 1,1-Dichloroethane	5.79	63	109609	17.945	ug/l	99
25) 2-Butanone	6.78	43	147607	79.906	ug/l	99
26) 2,2-Dichloropropane	6.77	77	101856	18.220	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	76673	17.961	ug/l	99
28) Bromochloromethane	7.15	49	44311	18.444	ug/l	97
29) Tetrahydrofuran	7.16	42	96221	78.992	ug/l	98
30) Chloroform	7.33	83	123033	18.207	ug/l	98
31) Cyclohexane	7.61	56	96040	17.483	ug/l	# 92
32) 1,1,1-Trichloroethane	7.53	97	111309	18.077	ug/l	99
36) 1,1-Dichloropropene	7.75	75	88571	18.569	ug/l	100
37) Ethyl Acetate	6.88	43	65136	16.955	ug/l	97
38) Carbon Tetrachloride	7.73	117	87623	19.045	ug/l	94

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 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)
39) Methylcyclohexane	9.05	83	102288	17.399	ug/l	99
40) Benzene	8.00	78	269745	18.329	ug/l	99
41) Methacrylonitrile	7.12	41	29792	16.926	ug/l	93
42) 1,2-Dichloroethane	8.08	62	88786	18.020	ug/l	100
43) Isopropyl Acetate	8.12	43	113127	16.367	ug/l #	91
44) Trichloroethene	8.80	130	84333	18.646	ug/l	97
45) 1,2-Dichloropropane	9.08	63	65105	18.630	ug/l	96
46) Dibromomethane	9.17	93	48434	18.071	ug/l	99
47) Bromodichloromethane	9.37	83	97706	18.400	ug/l	97
48) Methyl methacrylate	9.17	41	47393	15.240	ug/l	96
49) 1,4-Dioxane	9.17	88	21045	436.848	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	321149	82.453	ug/l	100
52) Toluene	10.12	92	181268	18.871	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	102124	17.853	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	111815	18.179	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	71091	18.577	ug/l	94
56) Ethyl methacrylate	10.40	69	91841	17.180	ug/l	98
57) 1,3-Dichloropropane	10.68	76	113297	18.511	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	180842	79.160	ug/l	99
59) 2-Hexanone	10.72	43	220781	78.928	ug/l	99
60) Dibromochloromethane	10.87	129	79141	18.190	ug/l	100
61) 1,2-Dibromoethane	10.98	107	72293	18.113	ug/l	100
64) Tetrachloroethene	10.60	164	90588	19.086	ug/l	98
65) Chlorobenzene	11.40	112	197515	18.845	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	74089	18.985	ug/l	99
67) Ethyl Benzene	11.48	91	342339	18.898	ug/l	100
68) m/p-Xylenes	11.59	106	269894	37.575	ug/l	100
69) o-Xylene	11.92	106	129831	19.031	ug/l	96
70) Styrene	11.94	104	207135	18.334	ug/l	99
71) Bromoform	12.10	173	51199	17.026	ug/l #	98
73) Isopropylbenzene	12.22	105	338789	19.050	ug/l	99
74) N-amyl acetate	12.04	43	89858	16.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85329	17.121	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	111051	25.063	ug/l #	100
77) Bromobenzene	12.50	156	85958	18.935	ug/l	99
78) n-propylbenzene	12.56	91	371927	18.733	ug/l	100
79) 2-Chlorotoluene	12.65	91	220554	18.630	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	282184	18.984	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27296	15.754	ug/l	96
82) 4-Chlorotoluene	12.75	91	228653	18.359	ug/l	99
83) tert-Butylbenzene	12.97	119	242501	18.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	284791	19.285	ug/l	100
85) sec-Butylbenzene	13.15	105	313018	18.496	ug/l	99
86) p-Isopropyltoluene	13.26	119	286363	18.374	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	151256	18.816	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	151522	18.502	ug/l	99
89) n-Butylbenzene	13.59	91	229248	17.561	ug/l	97
90) Hexachloroethane	13.85	117	35335	20.501	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	147187	19.159	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15978	15.720	ug/l	98

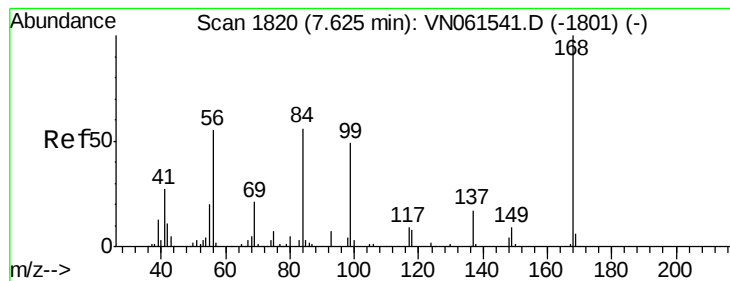
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
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Operator : JC/MD
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	77068	17.153	ug/l	99
94) Hexachlorobutadiene	14.99	225	34513	18.011	ug/l	96
95) Naphthalene	15.10	128	226079	16.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	77959	17.648	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

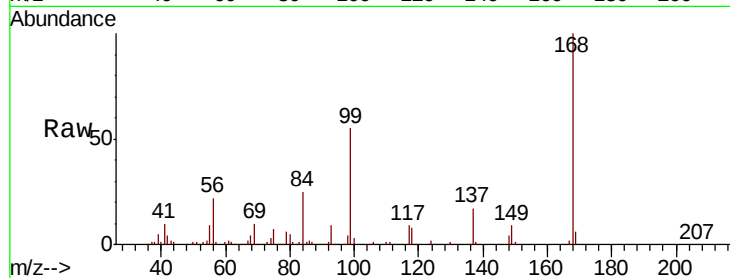
VN0603WBS01

Tot Ion:168 Resp: 327148

Ion Ratio Lower Upper

168 100

99 55.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

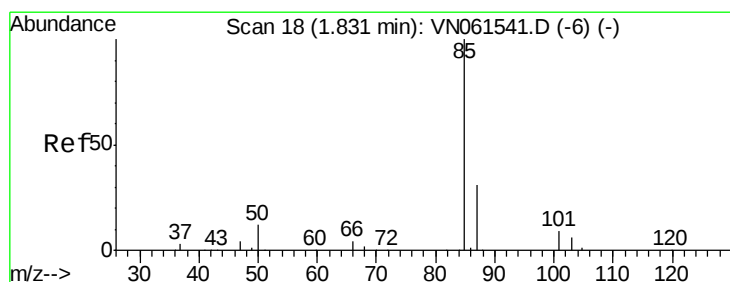
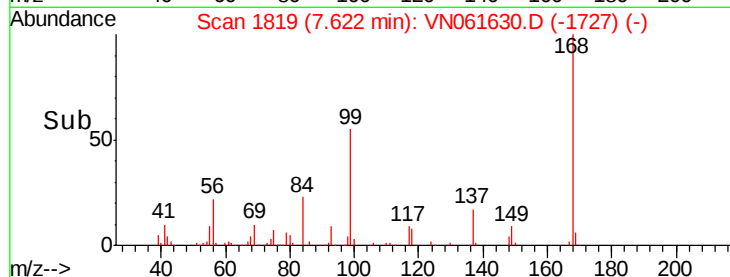
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.585 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061630.D

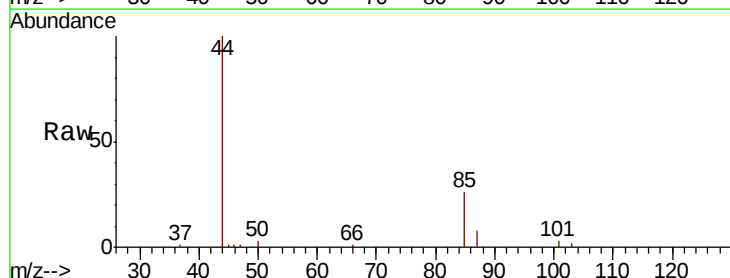
Acq: 3 Jun 2020 11:47

Tgt Ion: 85 Resp: 67412

Ion Ratio Lower Upper

85 100

87 30.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

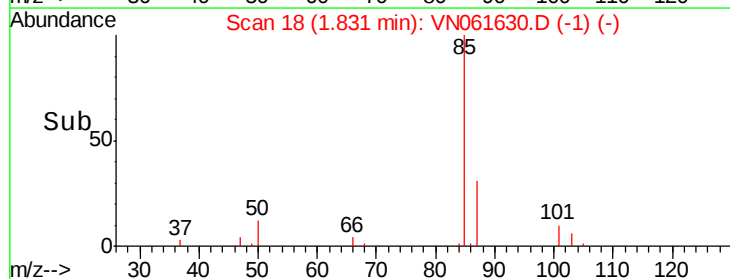
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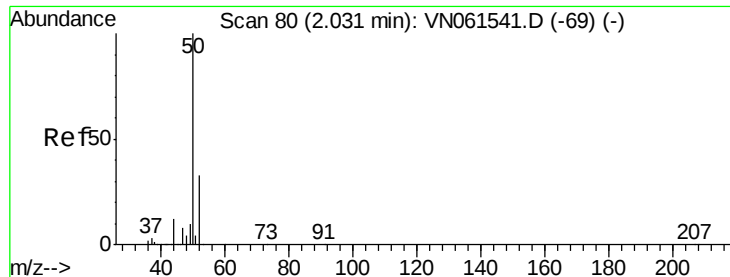
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.460 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

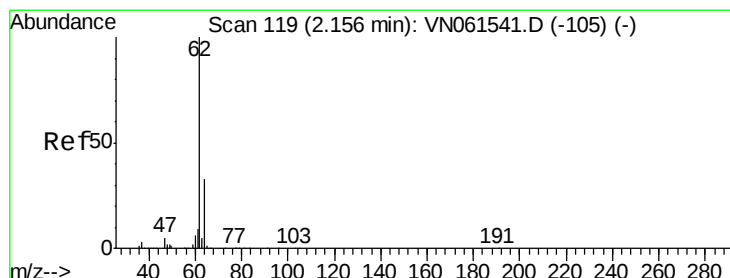
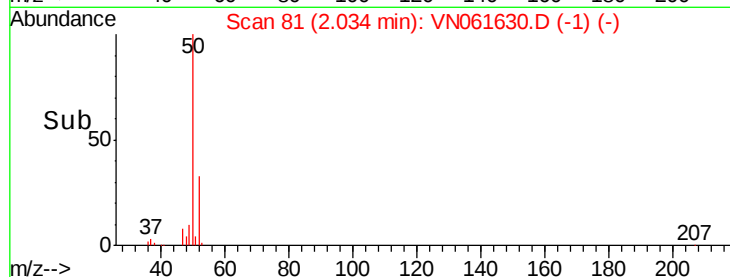
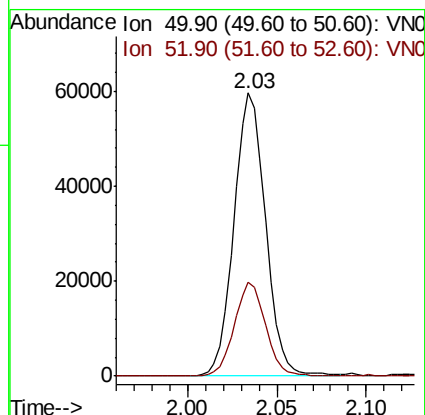
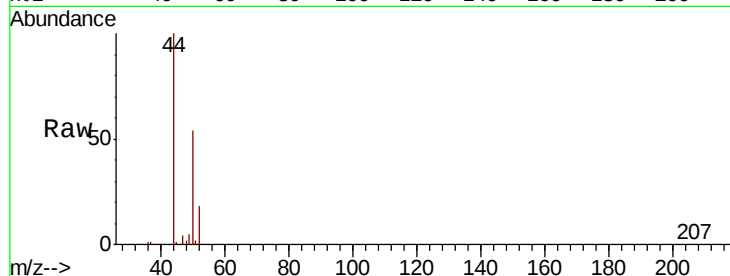
VN0603WBS01

Tot Ion: 50 Resp: 73658

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



#4

Vinyl Chloride

Concen: 18.148 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061630.D

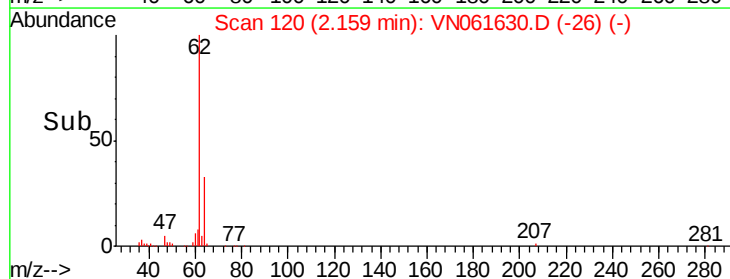
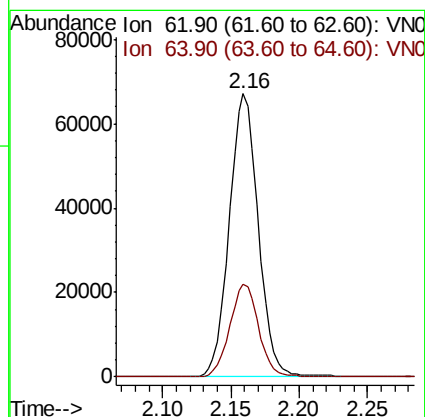
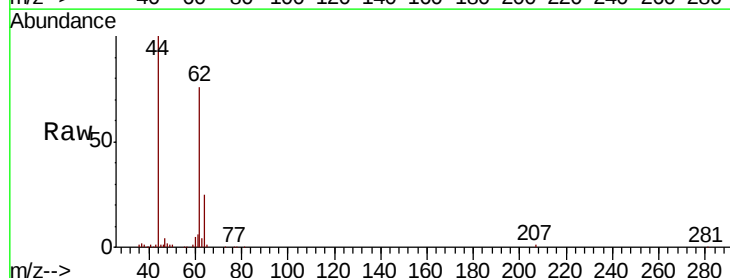
Acq: 3 Jun 2020 11:47

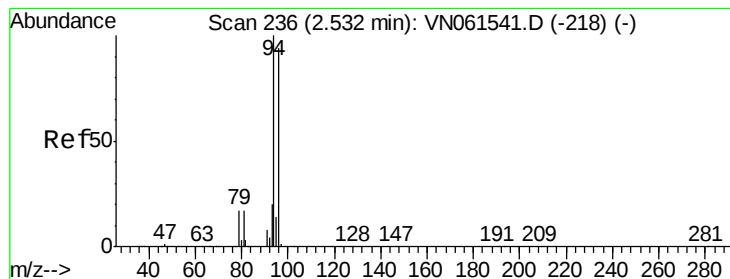
Tgt Ion: 62 Resp: 99233

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.2





#5

Bromomethane

Concen: 20.010 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

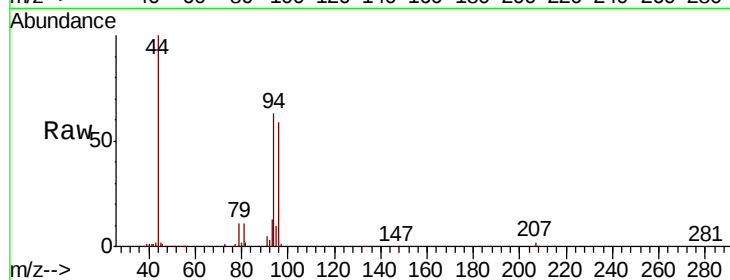
VN0603WBS01

Tot Ion: 94 Resp: 62784

Ion Ratio Lower Upper

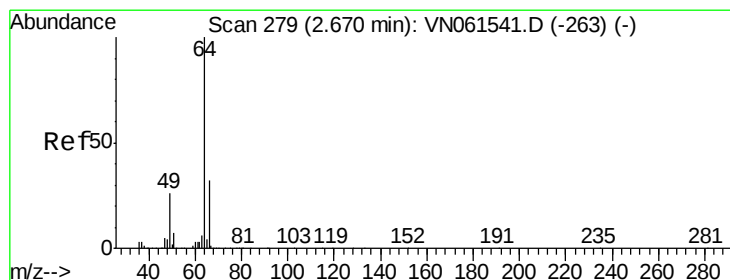
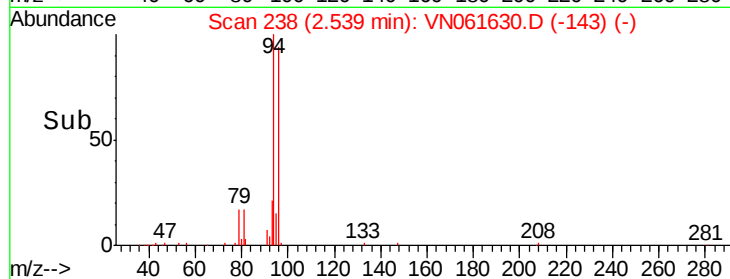
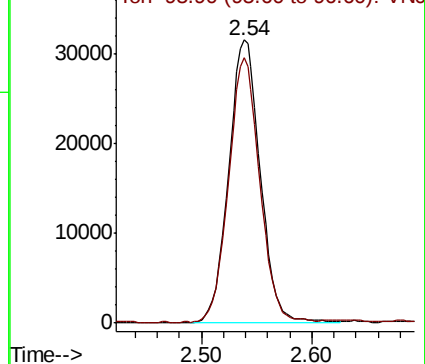
94 100

96 93.8 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: 18.030 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061630.D

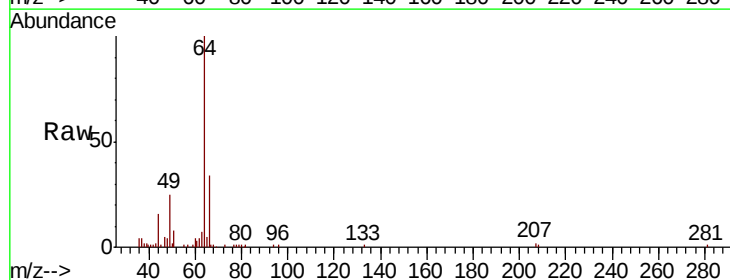
Acq: 3 Jun 2020 11:47

Tgt Ion: 64 Resp: 63458

Ion Ratio Lower Upper

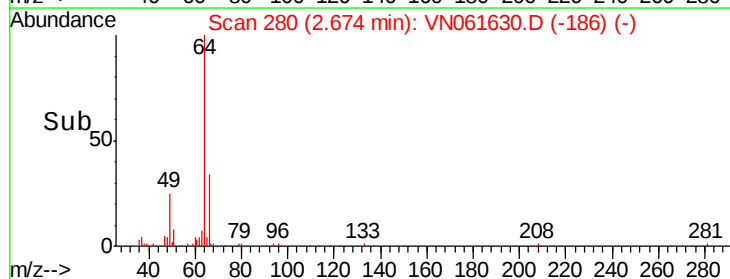
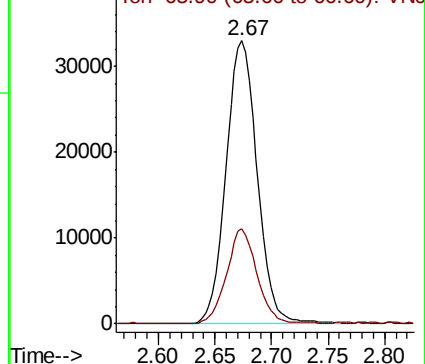
64 100

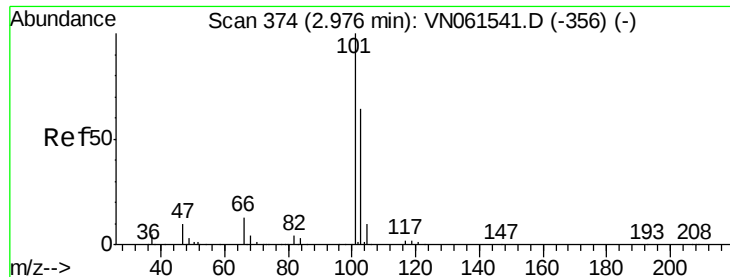
66 33.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



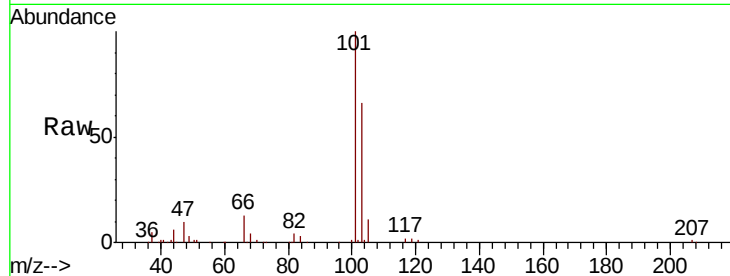


#7

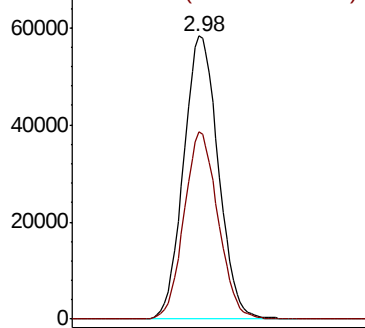
Trichlorofluoromethane
 Concen: 18.545 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

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 VN0603WBS01

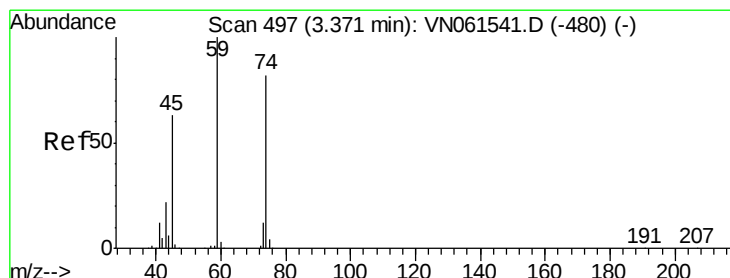
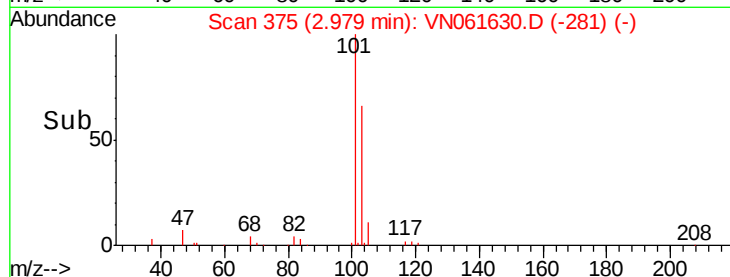
Tot Ion:101 Resp: 130762
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



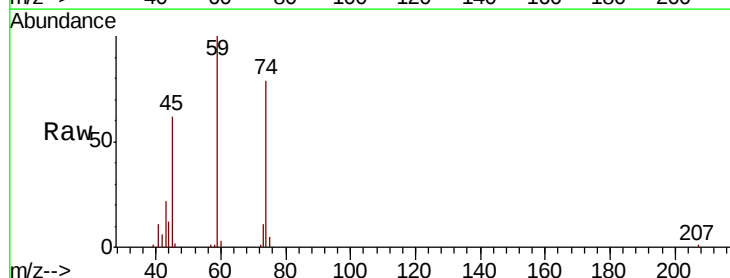
Time-->



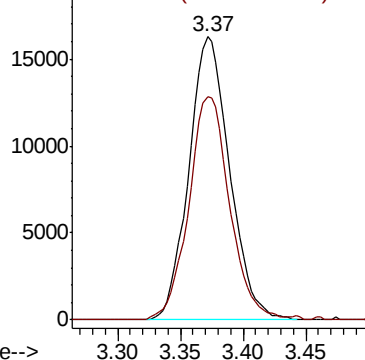
#8

Diethyl Ether
 Concen: 17.022 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

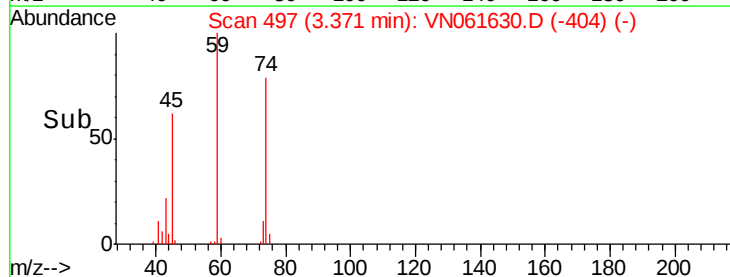
Tgt Ion: 74 Resp: 36702
 Ion Ratio Lower Upper
 74 100
 45 79.1 39.9 119.7

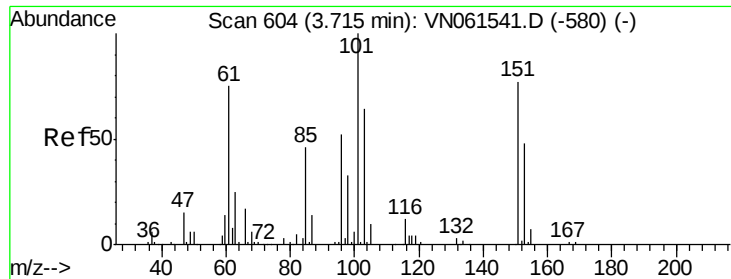


Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.243 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampled :

VN0603WBS01

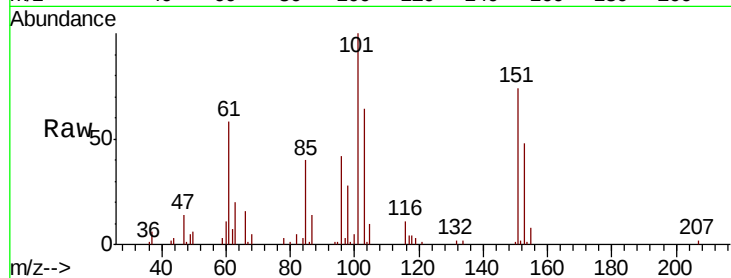
Tot Ion:101 Resp: 60212

Ion Ratio Lower Upper

101 100

85 42.8 35.2 52.8

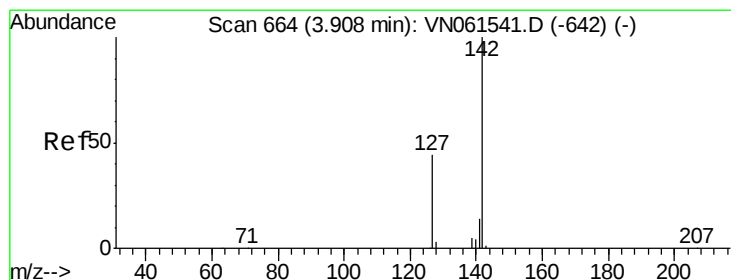
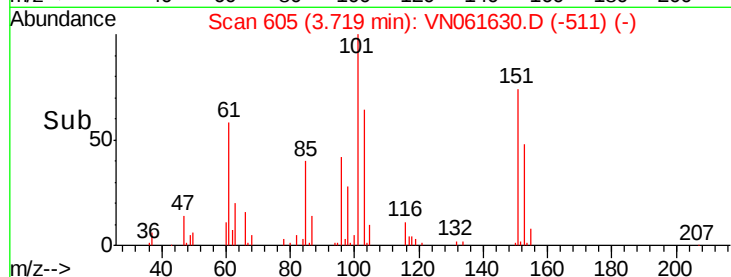
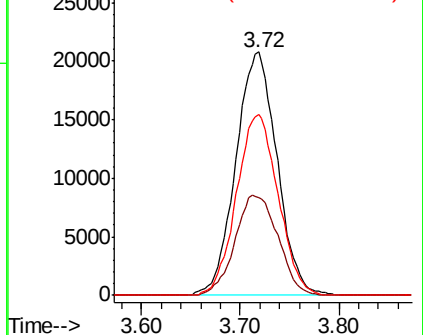
151 75.0 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.209 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

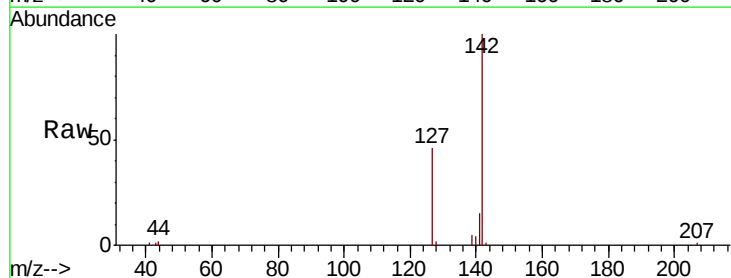
Tgt Ion:142 Resp: 79091

Ion Ratio Lower Upper

142 100

127 46.0 35.5 53.3

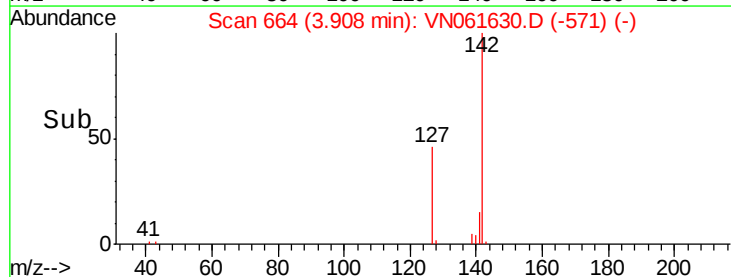
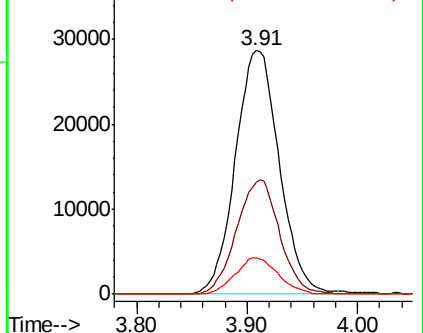
141 14.6 11.5 17.3

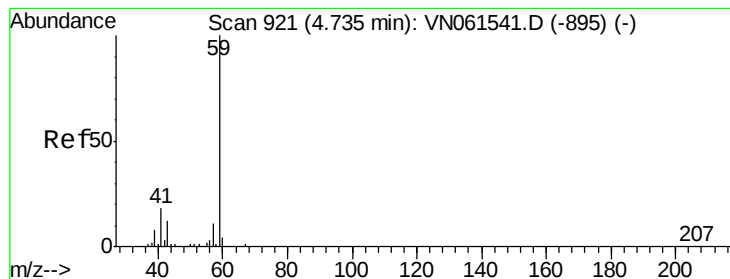


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.644 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

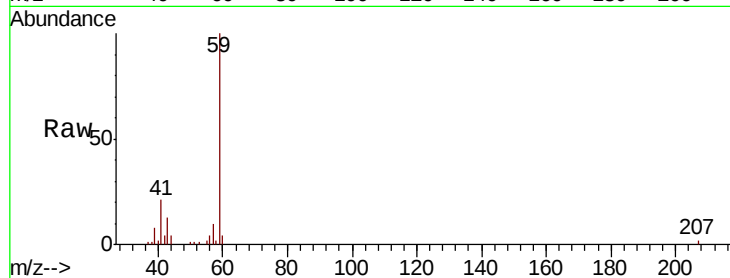
VN0603WBS01

Tot Ion: 59 Resp: 48031

Ion Ratio Lower Upper

59 100

57 10.2 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN061630.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN061630.D (-828) (-)

4.73

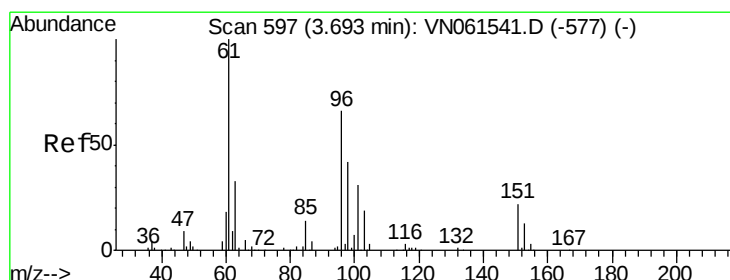
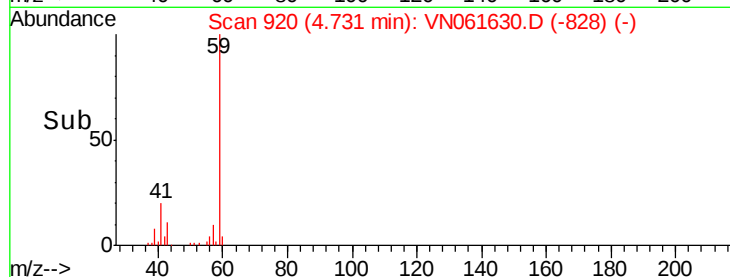
15000

10000

5000

0

Time-->



#12

1,1-Dichloroethene

Concen: 17.578 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

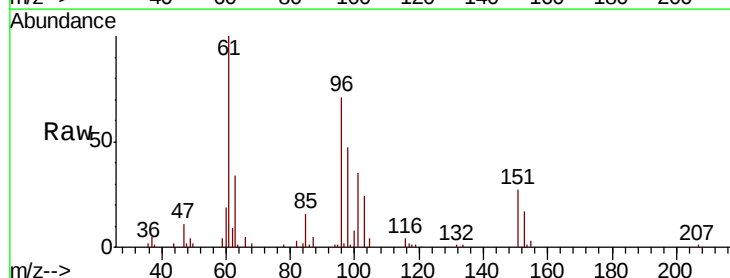
Tgt Ion: 96 Resp: 58760

Ion Ratio Lower Upper

96 100

61 141.8 120.5 180.7

98 66.0 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VN061630.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN061630.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN061630.D (-504) (-)

3.70

40000

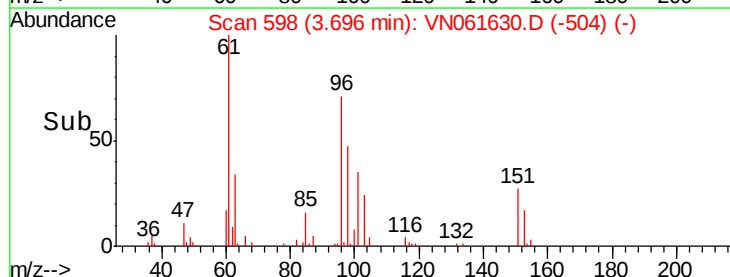
30000

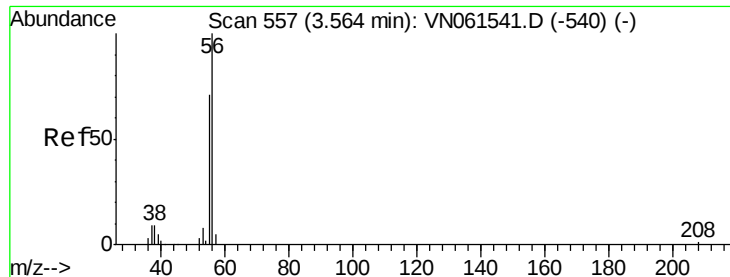
20000

10000

0

Time-->





#13

Acrolein

Concen: 84.525 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

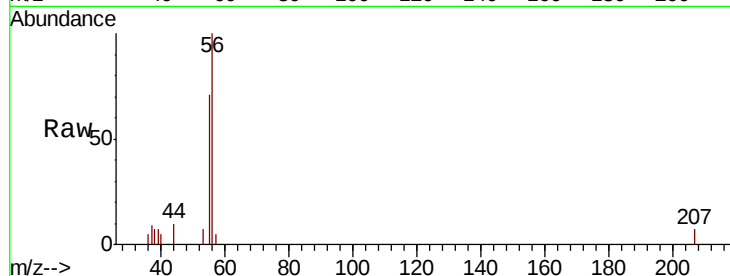
VN0603WBS01

Tot Ion: 56 Resp: 15741

Ion Ratio Lower Upper

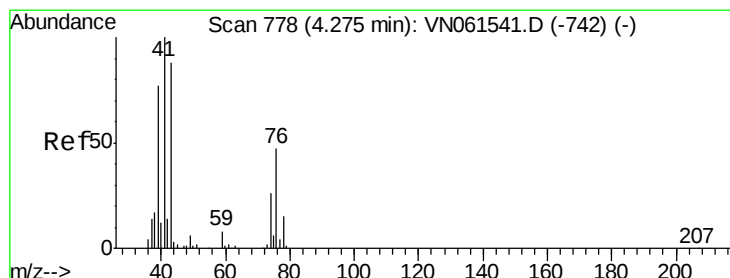
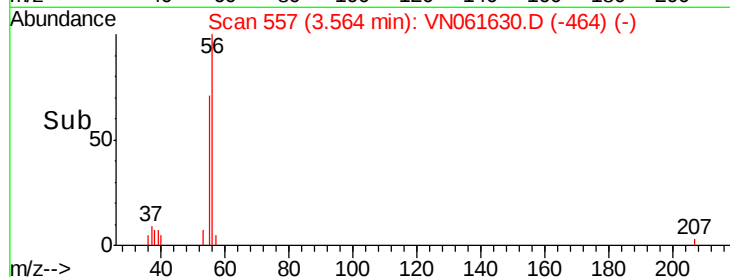
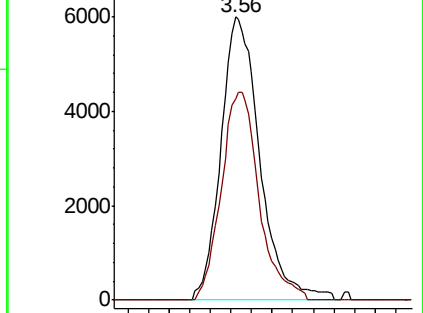
56 100

55 71.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061630.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN061630.D (-464) (-)



#14

Allyl chloride

Concen: 15.414 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

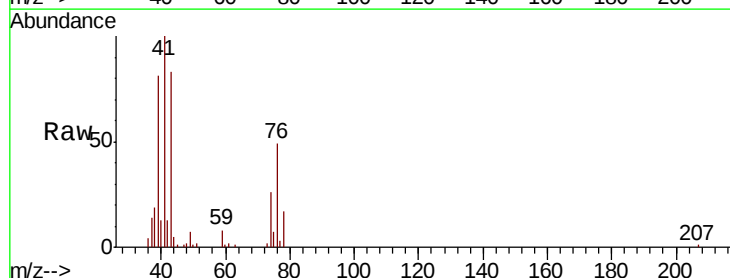
Tgt Ion: 41 Resp: 67366

Ion Ratio Lower Upper

41 100

39 81.1 58.6 88.0

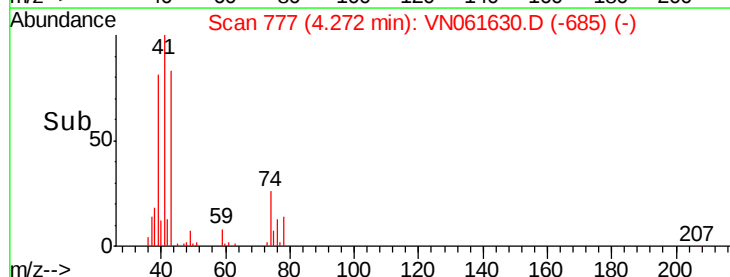
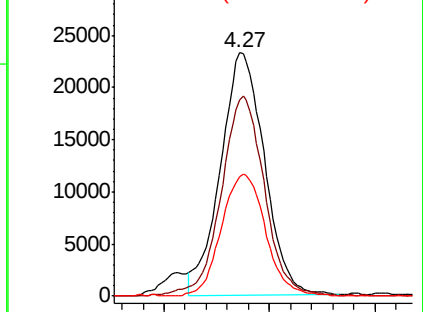
76 50.5 34.2 51.4

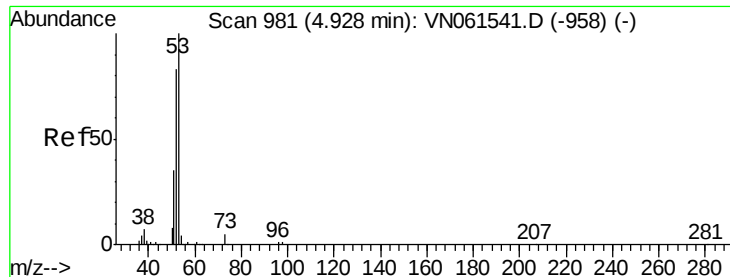


Abundance Ion 41.00 (40.70 to 41.70): VN061630.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061630.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061630.D (-685) (-)





#15

Acrylonitrile

Concen: 83.559 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

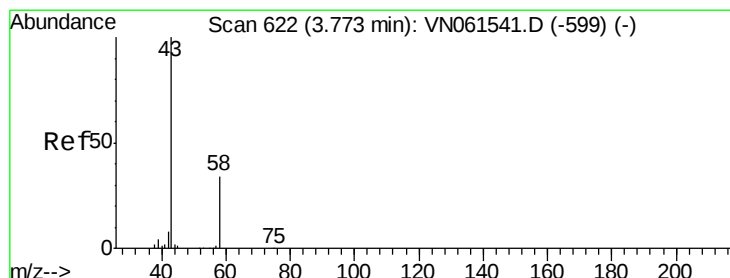
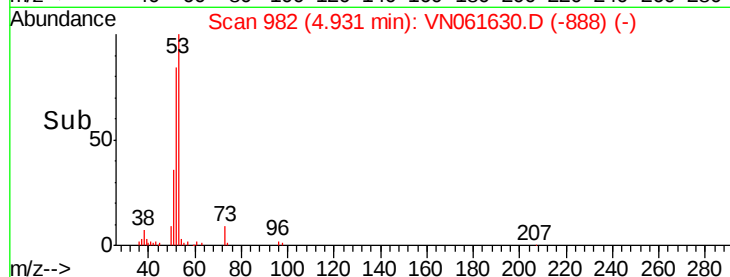
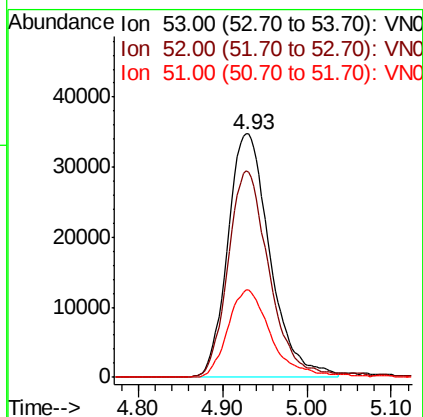
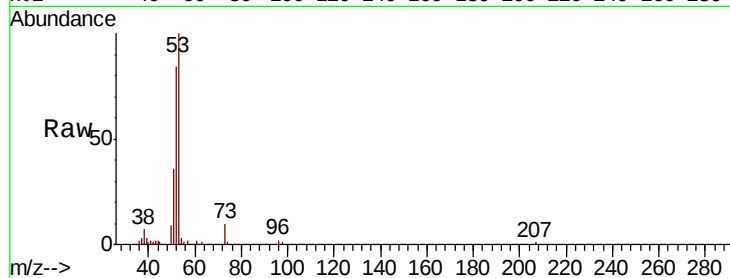
Tot Ion: 53 Resp: 120918

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.2

51 36.6 29.0 43.6



#16

Acetone

Concen: 86.163 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061630.D

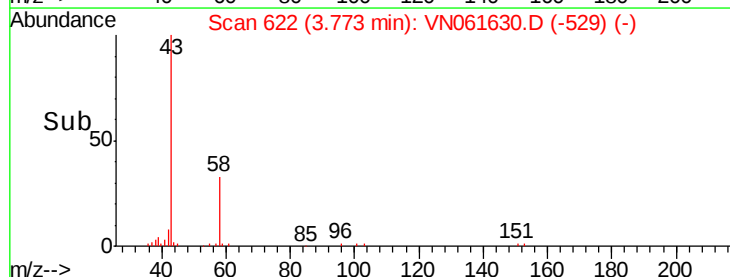
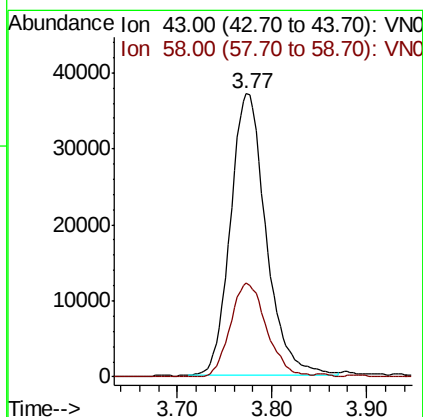
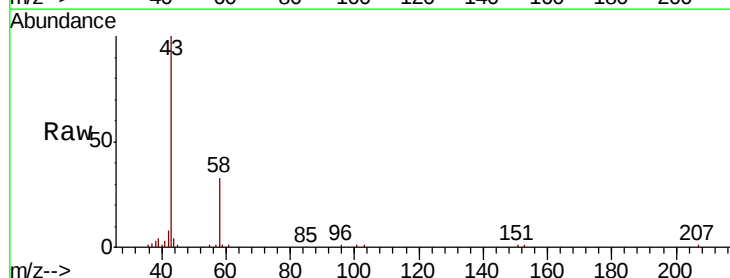
Acq: 3 Jun 2020 11:47

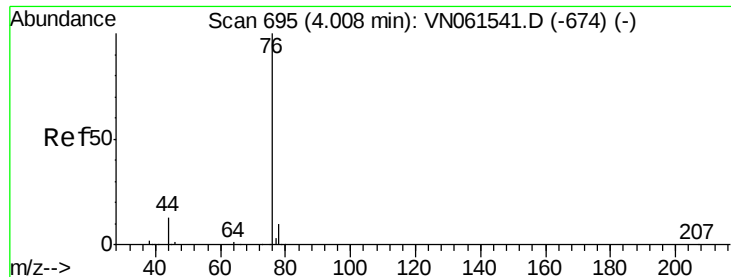
Tgt Ion: 43 Resp: 96923

Ion Ratio Lower Upper

43 100

58 33.2 27.2 40.8

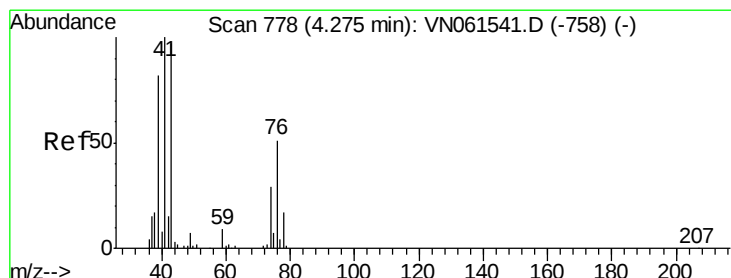
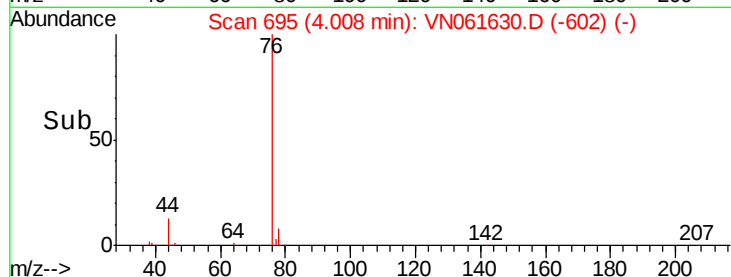
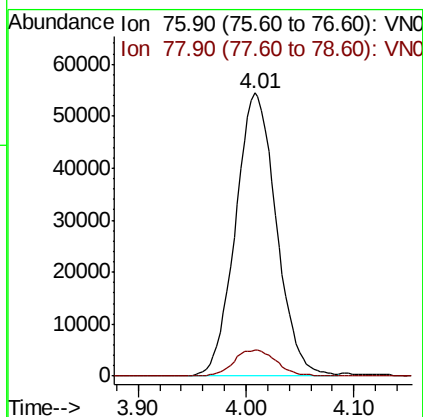
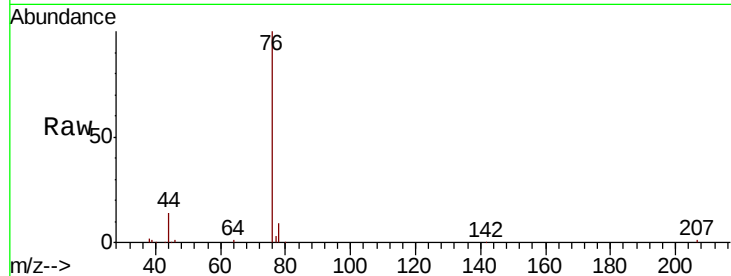




#17
Carbon Disulfide
Concen: 19.509 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

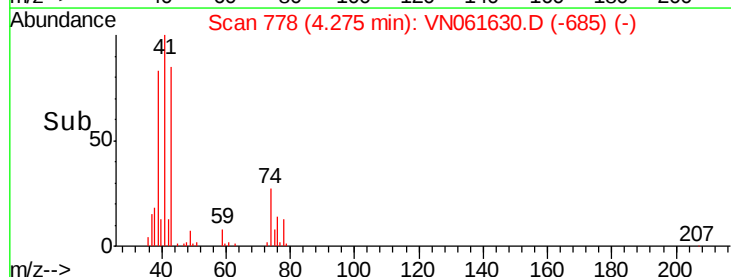
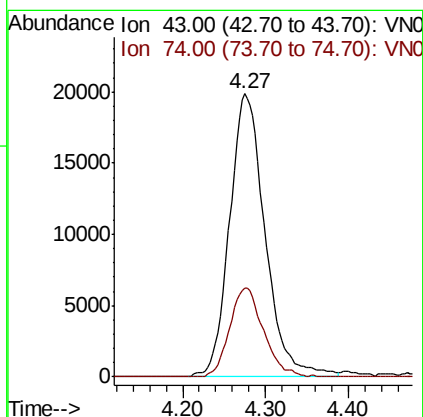
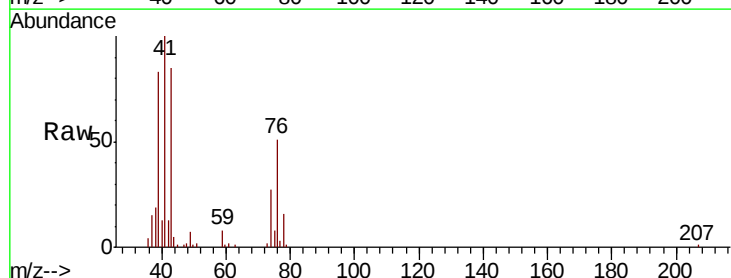
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

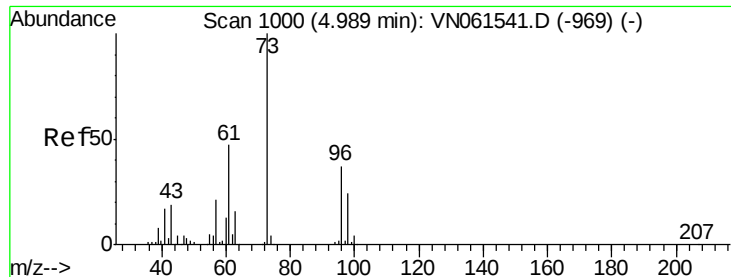
Tot Ion: 76 Resp: 143486
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6



#18
Methyl Acetate
Concen: 16.807 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 43 Resp: 59302
Ion Ratio Lower Upper
43 100
74 29.9 23.2 34.8

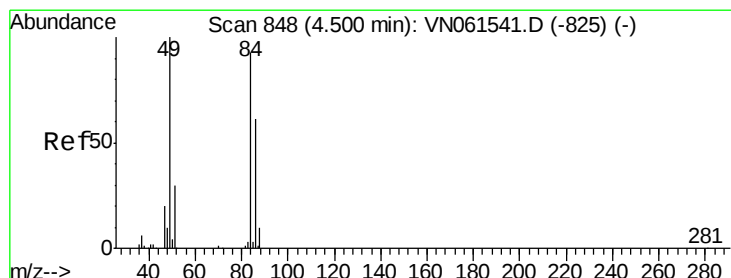
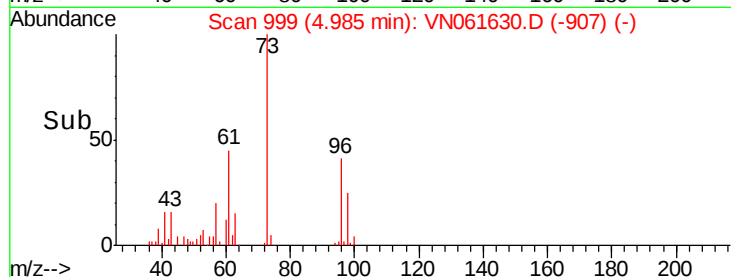
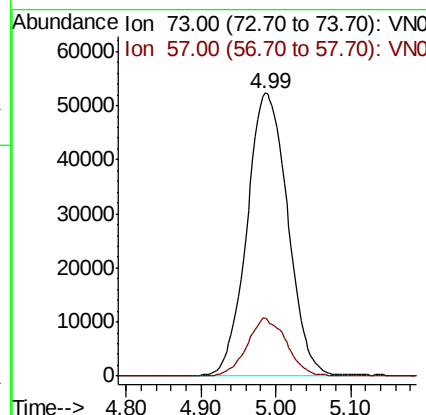
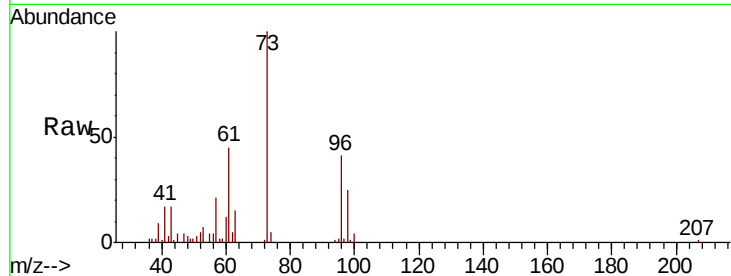




#19
Methvl tert-butvl Ether
Concen: 17.447 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

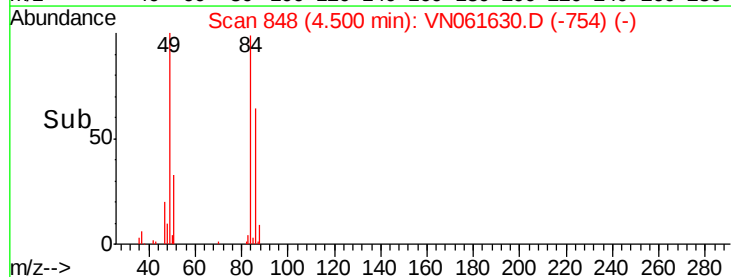
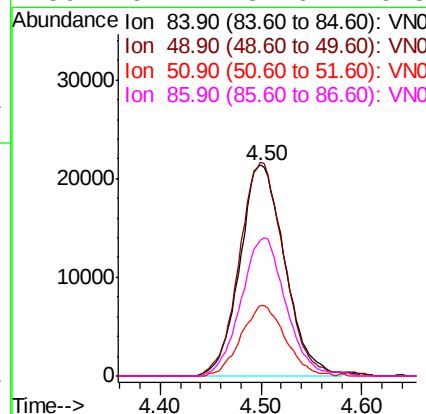
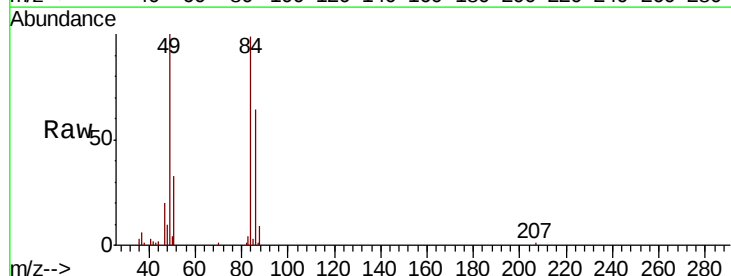
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

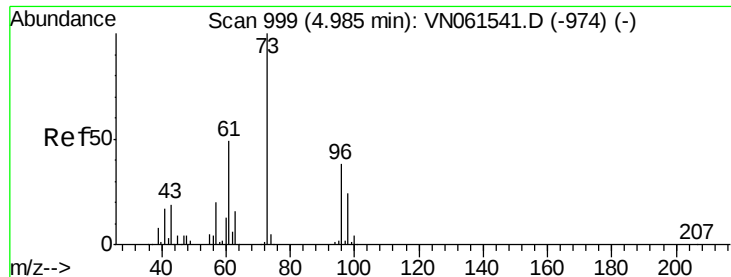
Tot Ion: 73 Resp: 198775
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 17.513 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 84 Resp: 66048
Ion Ratio Lower Upper
84 100
49 101.2 85.8 128.8
51 33.1 26.2 39.2
86 64.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.914 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

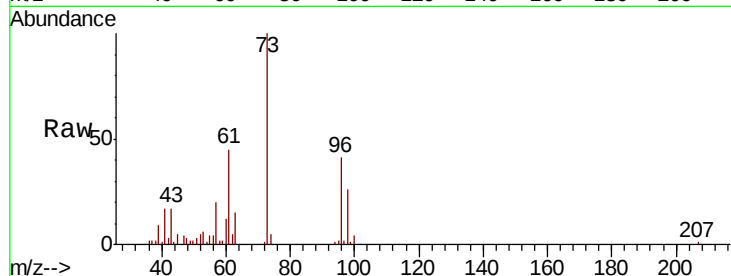
Tot Ion: 96 Resp: 67536

Ion Ratio Lower Upper

96 100

61 110.0 101.4 152.0

98 62.5 50.6 76.0

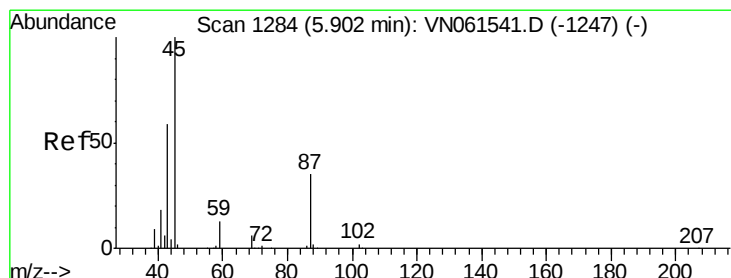
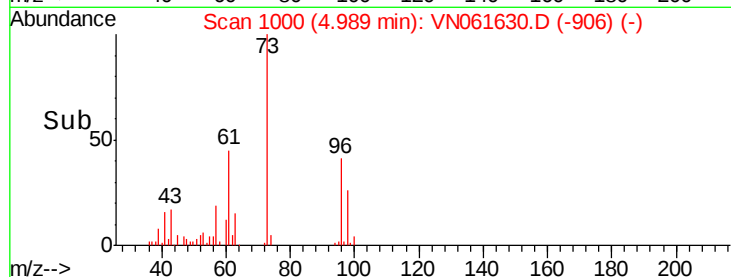
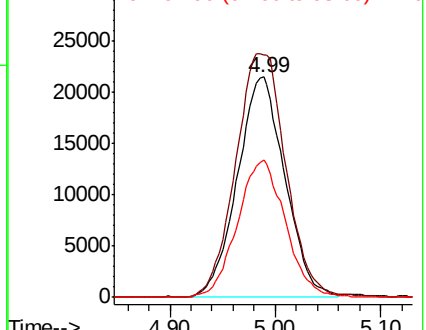


Abundance

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: 17.760 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Tgt Ion: 45 Resp: 171071

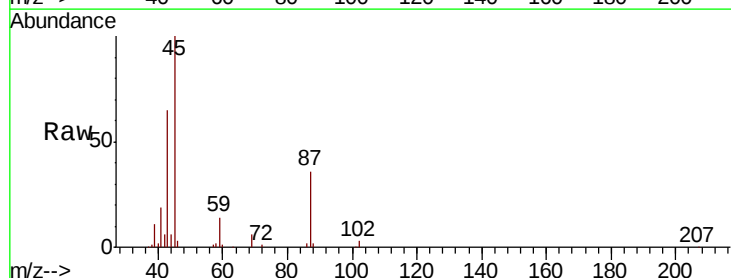
Ion Ratio Lower Upper

45 100

43 62.8 47.9 71.9

87 35.5 28.4 42.6

59 13.8 10.5 15.7



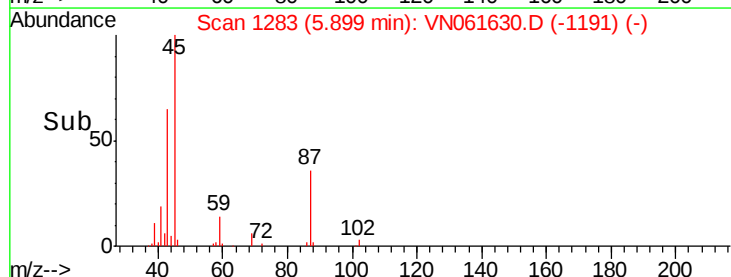
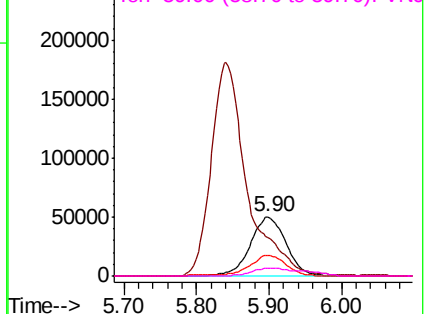
Abundance

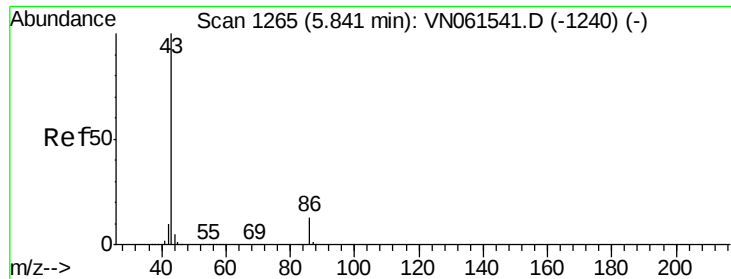
Ion 45.00 (44.70 to 45.70): VN0

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: 80.891 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampled :

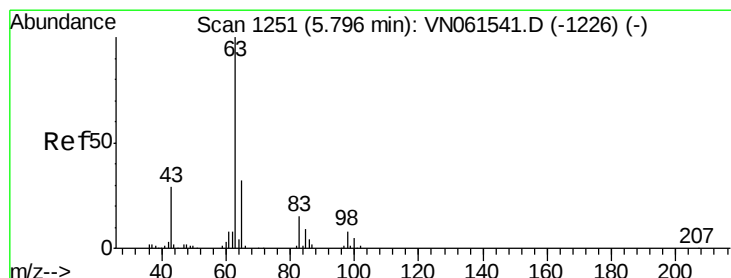
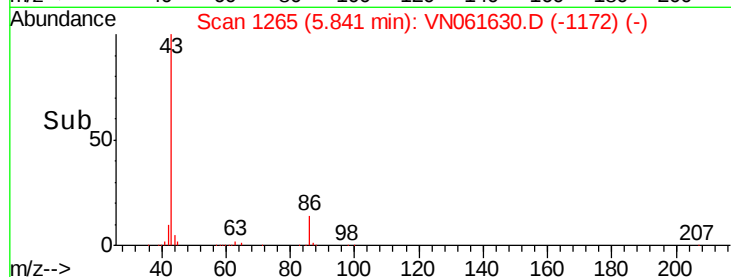
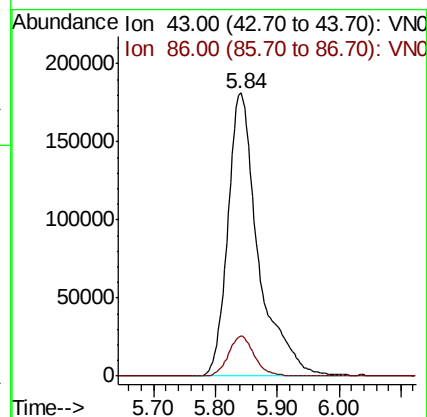
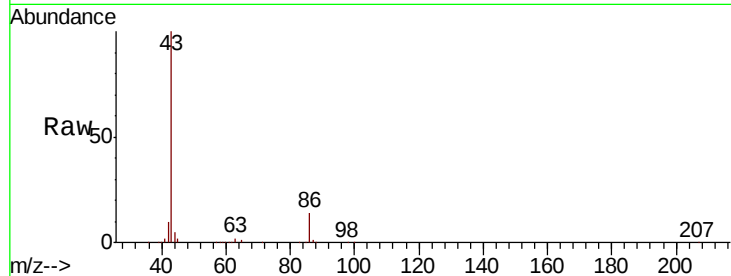
VN0603WBS01

Tot Ion: 43 Resp: 621014

Ion Ratio Lower Upper

43 100

86 14.3 10.6 16.0



#24

1,1-Dichloroethane

Concen: 17.945 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

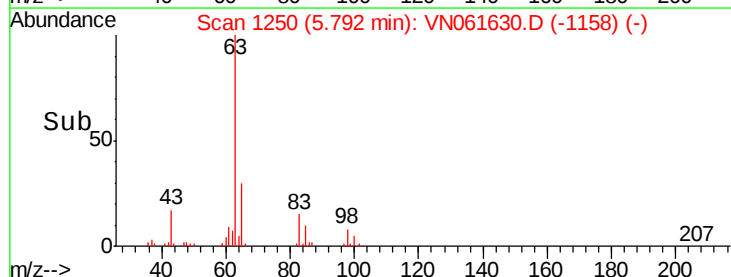
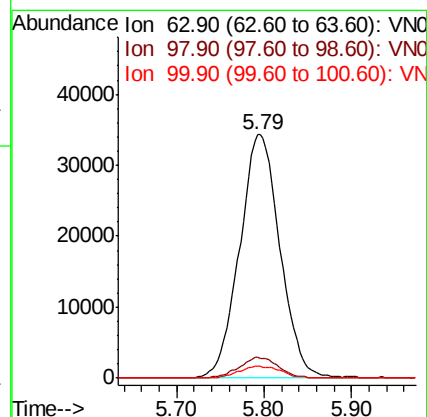
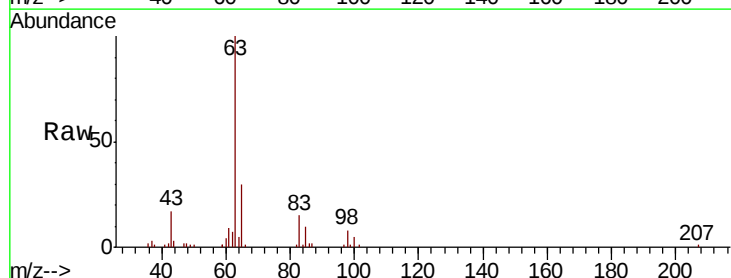
Tgt Ion: 63 Resp: 109609

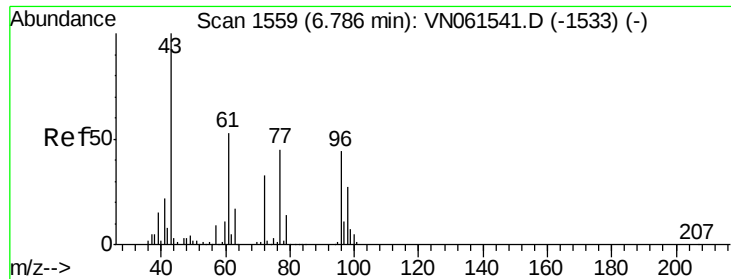
Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.4

100 5.2 2.5 7.6

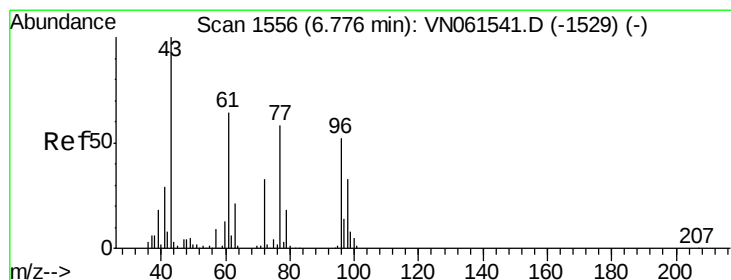
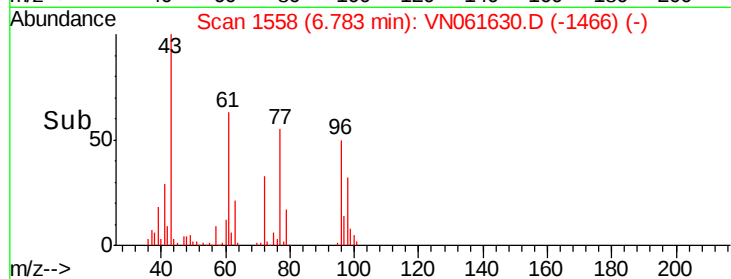
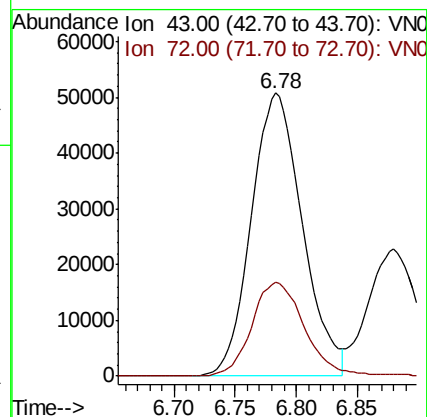
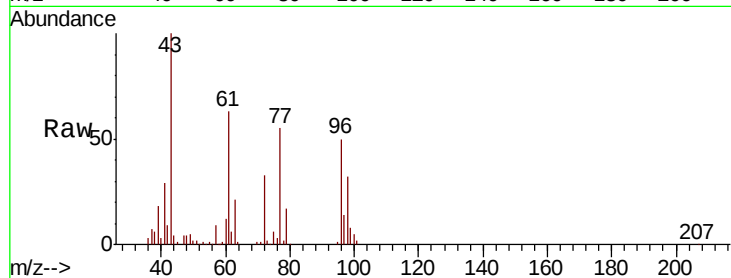




#25
2-Butanone
Concen: 79.906 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

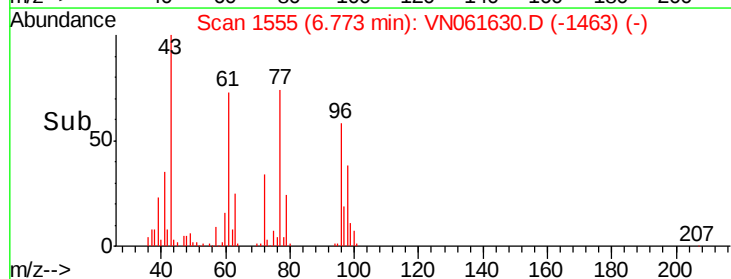
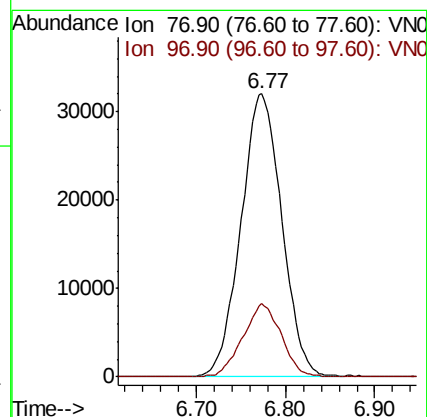
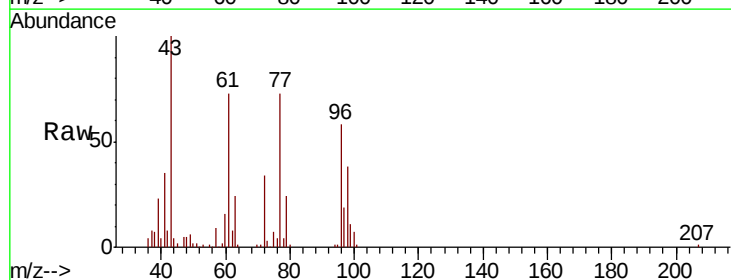
Instrument :
MSVOA_N
ClientSampled :
VN0603WBS01

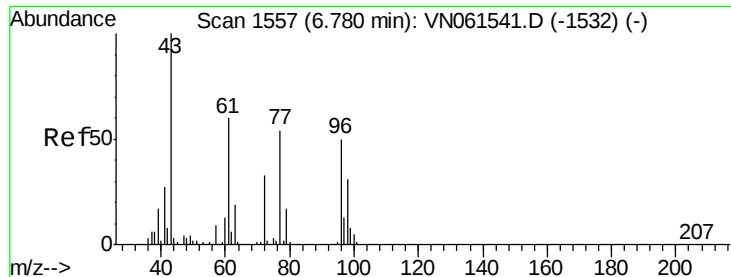
Tot Ion: 43 Resp: 147607
Ion Ratio Lower Upper
43 100
72 33.0 26.0 39.0



#26
2,2-Dichloropropane
Concen: 18.220 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 77 Resp: 101856
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 17.961 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

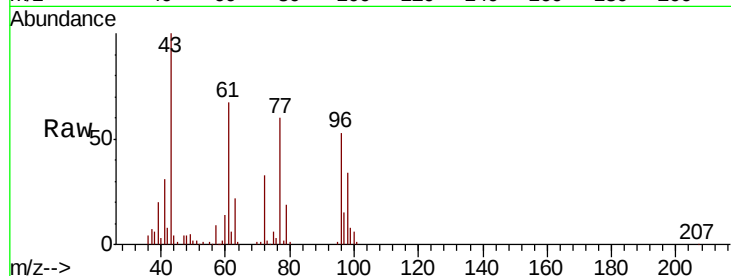
Tot Ion: 96 Resp: 76673

Ion Ratio Lower Upper

96 100

61 127.4 0.0 252.2

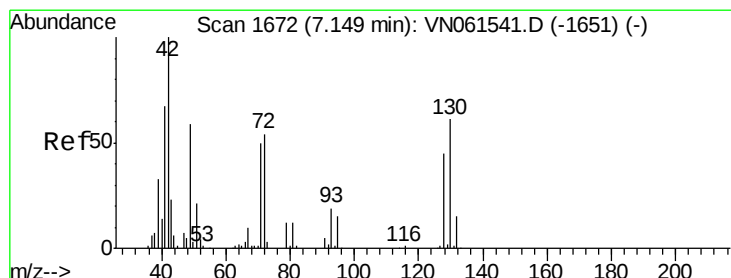
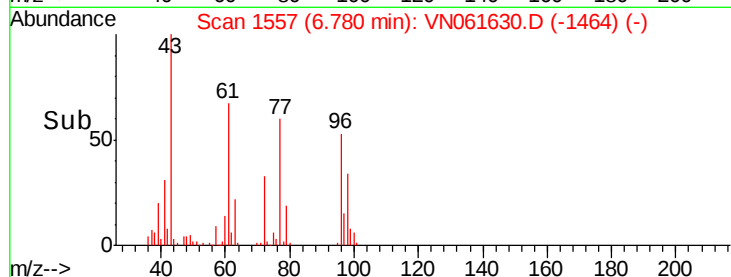
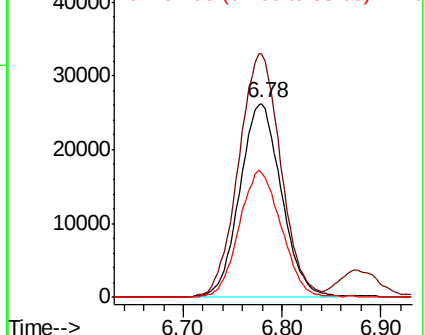
98 66.0 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061630.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061630.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061630.D (-1464) (-)



#28

Bromochloromethane

Concen: 18.444 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

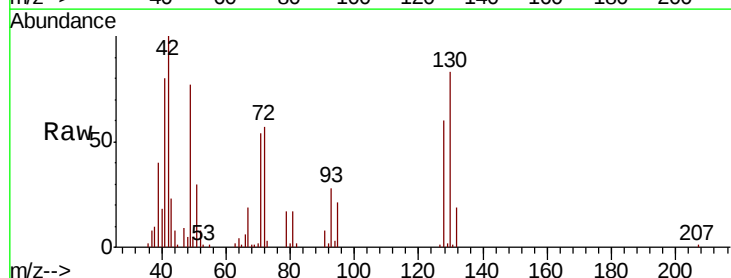
Tgt Ion: 49 Resp: 44311

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

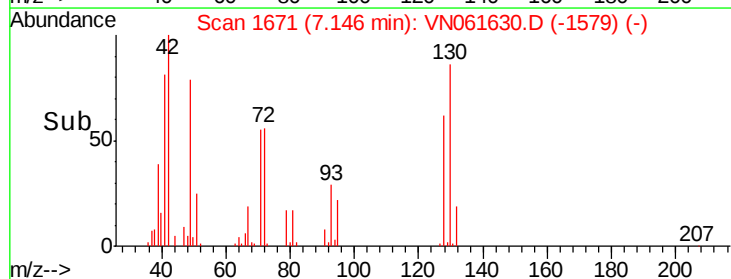
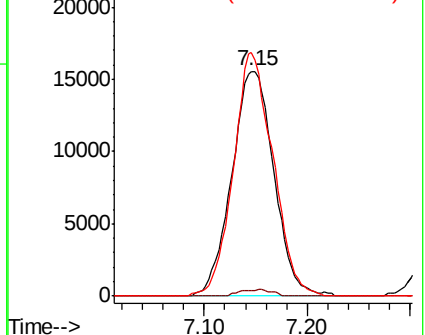
130 101.3 78.8 118.2

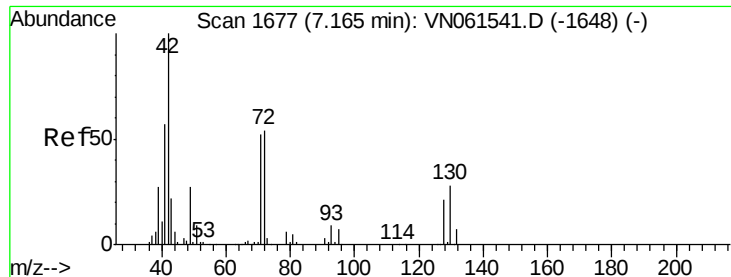


Abundance Ion 48.90 (48.60 to 49.60): VN061630.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061630.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061630.D (-1579) (-)

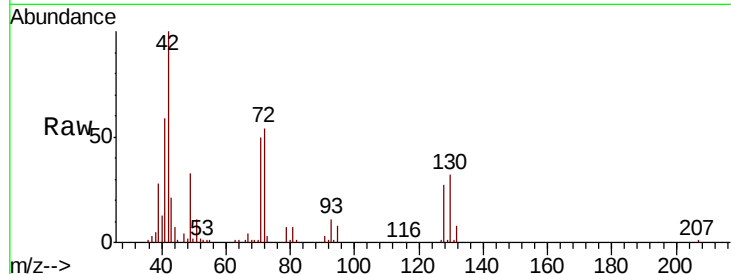




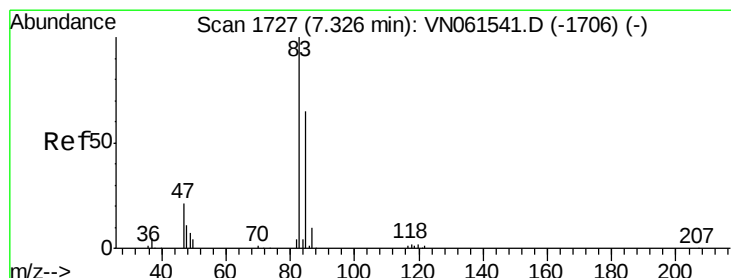
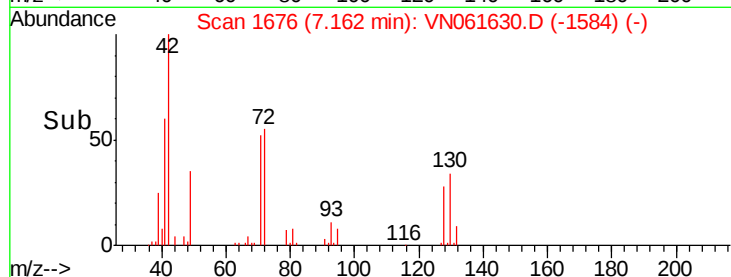
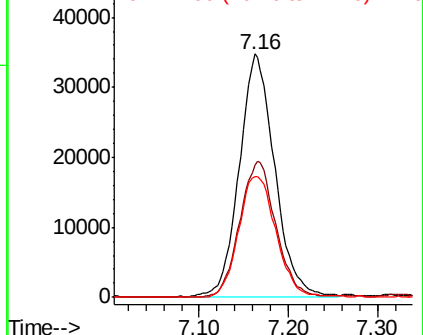
#29
Tetrahydrofuran
Concen: 78.992 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

Tot Ion: 42 Resp: 96221
Ion Ratio Lower Upper
42 100
72 56.7 43.6 65.4
71 52.2 41.2 61.8

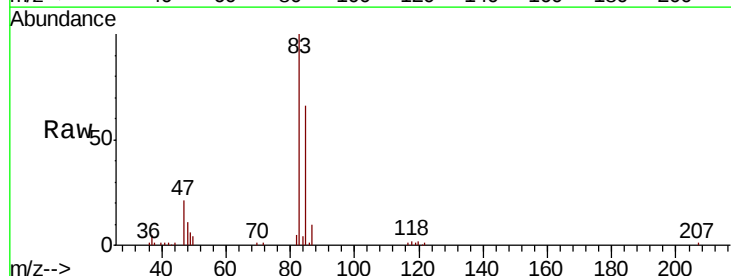


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

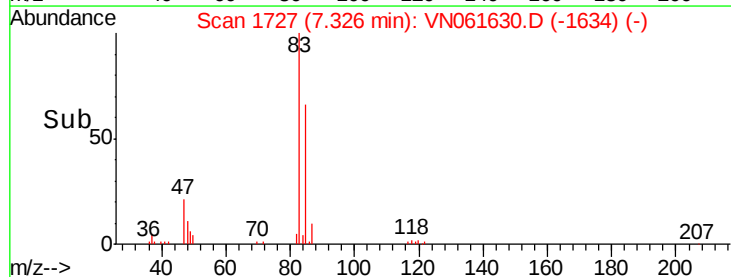
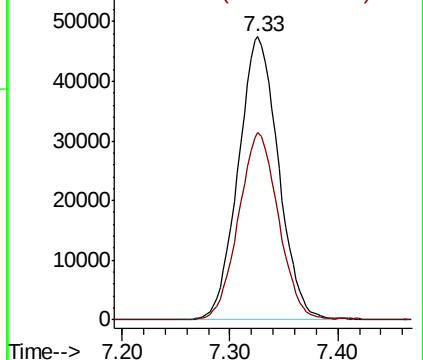


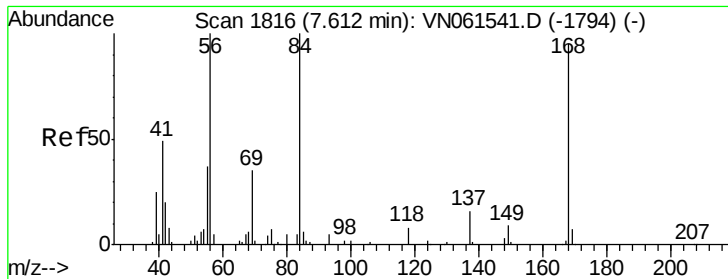
#30
Chloroform
Concen: 18.207 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 83 Resp: 123033
Ion Ratio Lower Upper
83 100
85 66.3 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: 17.483 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

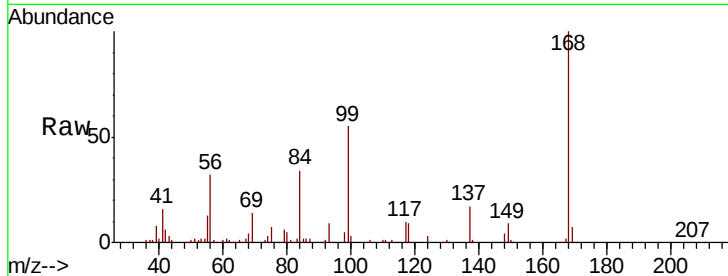
Tot Ion: 56 Resp: 96040

Ion Ratio Lower Upper

56 100

69 42.8 27.8 41.8#

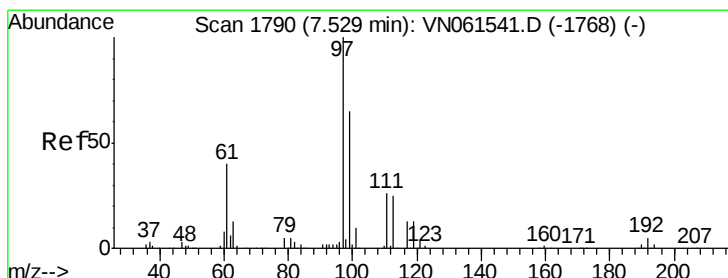
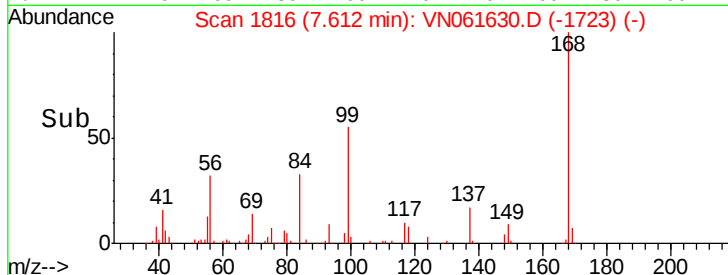
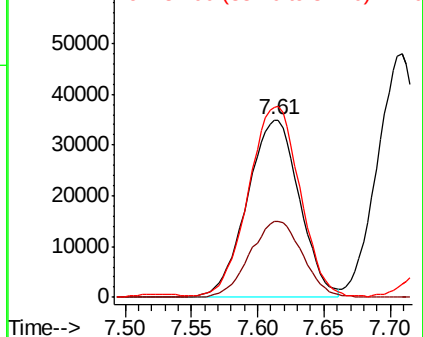
84 106.3 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061630.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061630.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061630.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.077 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

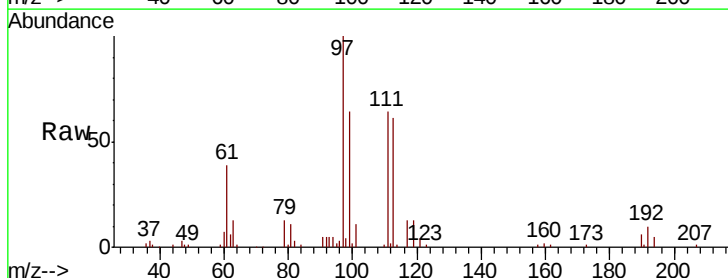
Tgt Ion: 97 Resp: 111309

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

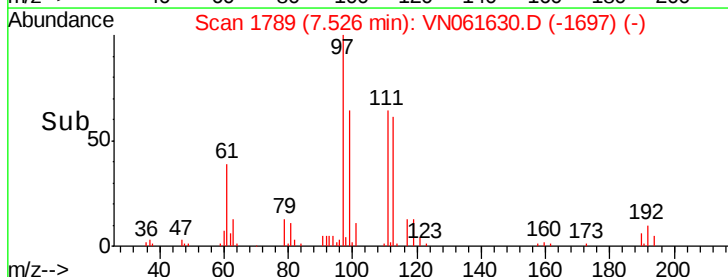
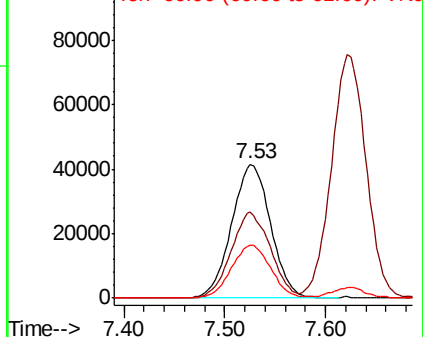
61 39.8 31.4 47.0

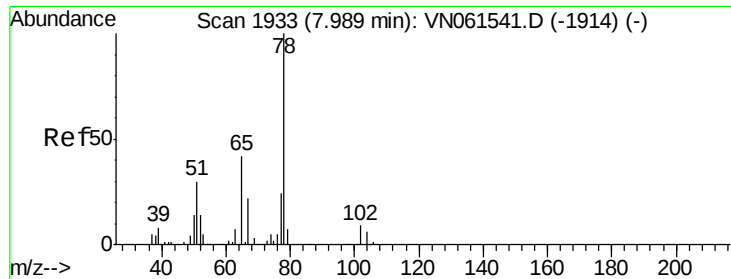


Abundance Ion 96.90 (96.60 to 97.60): VN061630.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061630.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061630.D (-1697) (-)

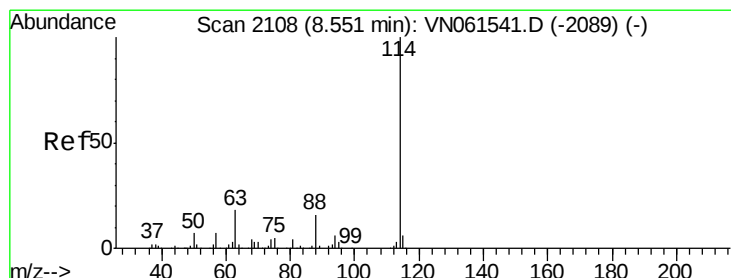
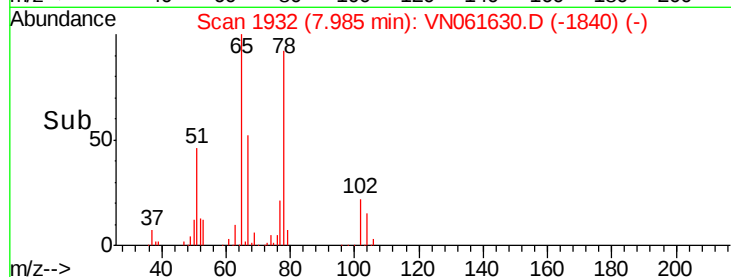
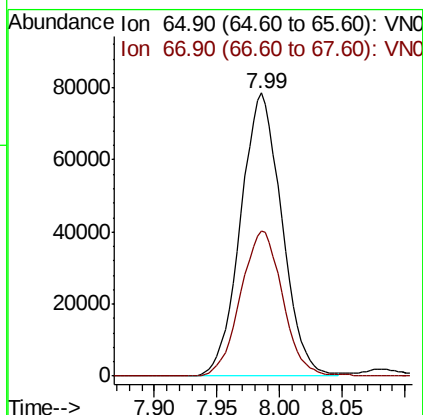
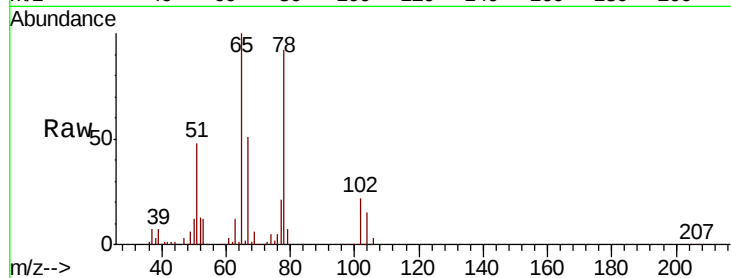




#33
 1,2-Dichloroethane-d4
 Concen: 46.107 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

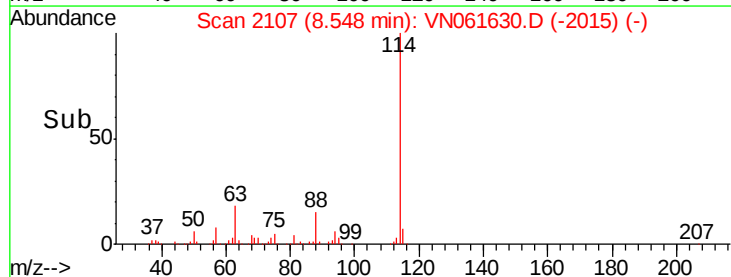
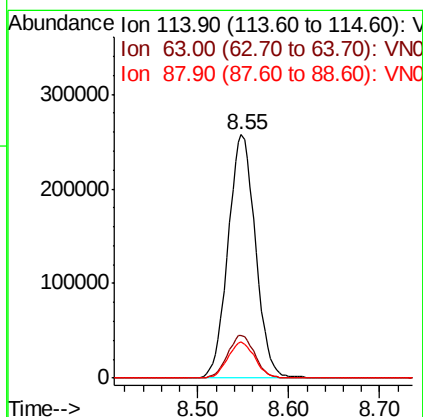
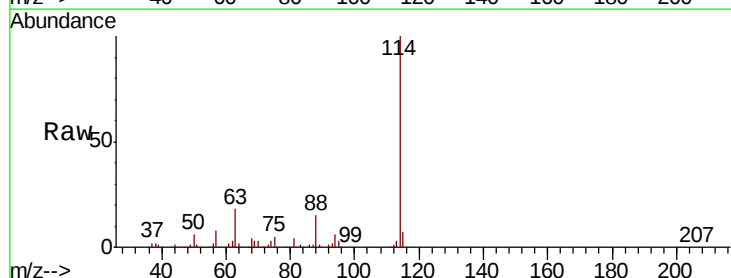
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

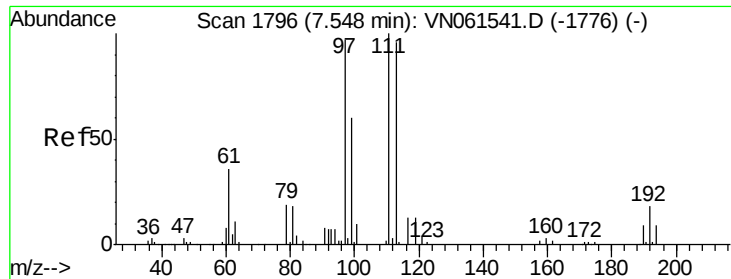
Tot Ion: 65 Resp: 179715
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion: 114 Resp: 538802
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.8
 88 14.6 0.0 31.0

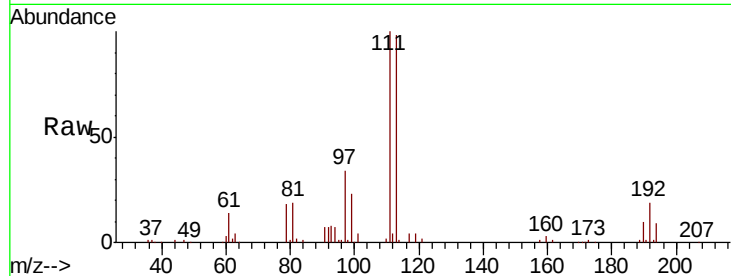




#35
 Dibromofluoromethane
 Concen: 52.853 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.0
192	19.1	15.4	23.2

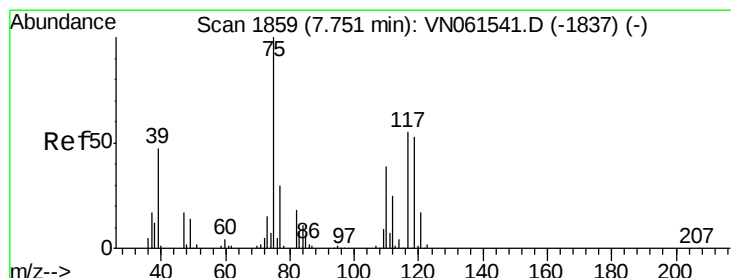
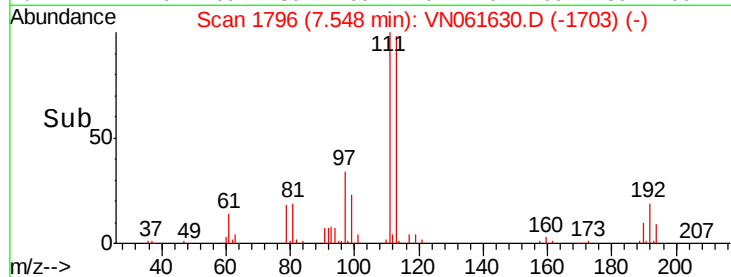
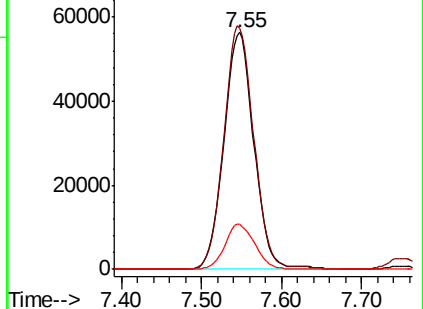


Abundance

Ion 112.80 (112.50 to 113.50): V

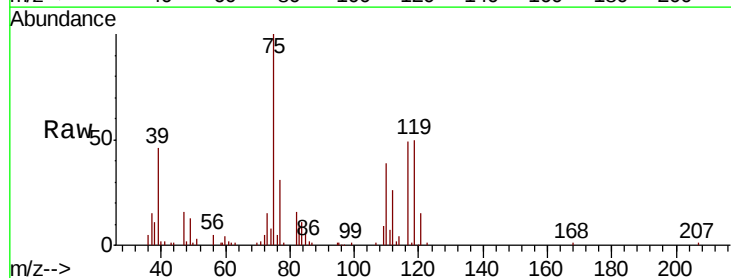
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.569 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.5	58.5
77	30.5	24.7	37.1

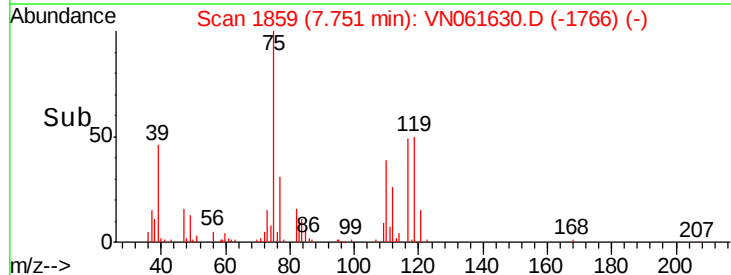
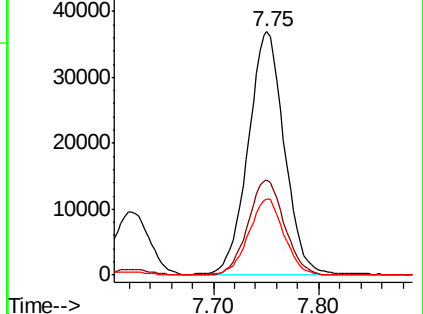


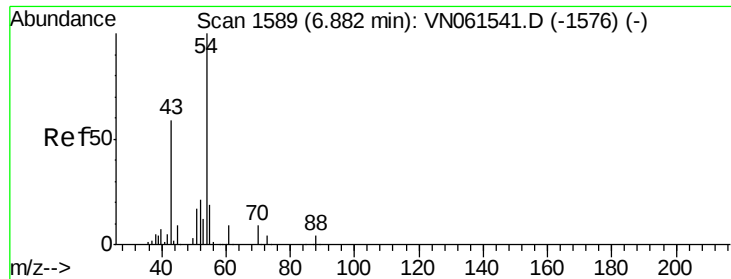
Abundance

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

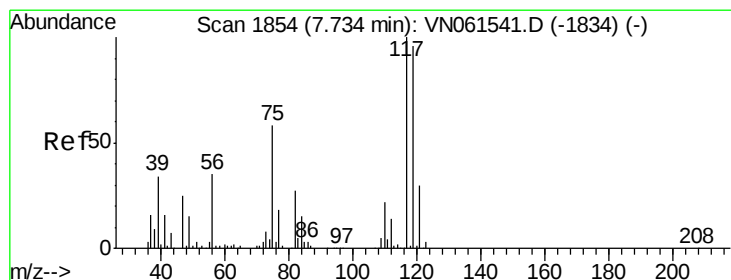
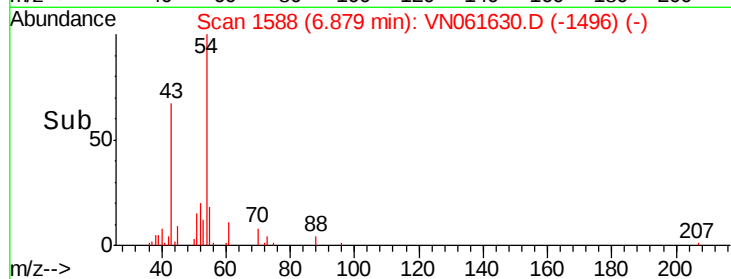
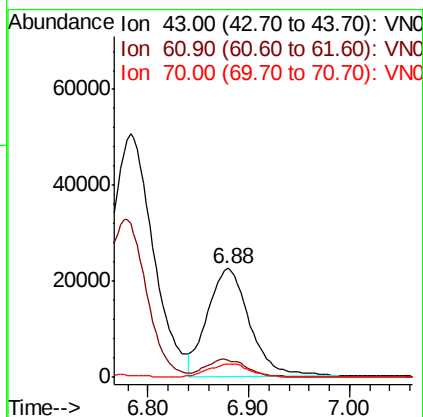
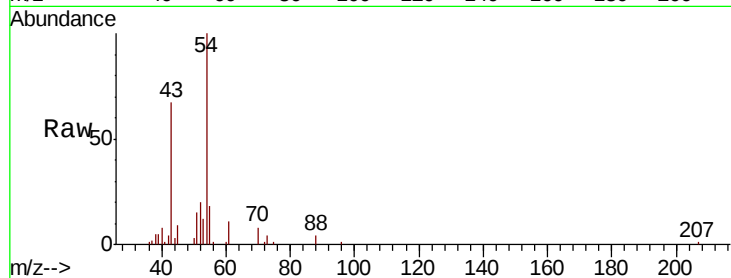




#37
Ethyl Acetate
Concen: 16.955 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

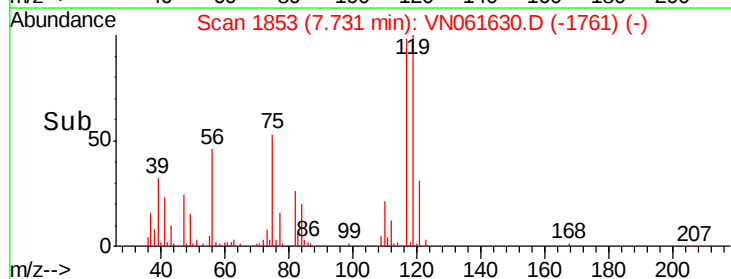
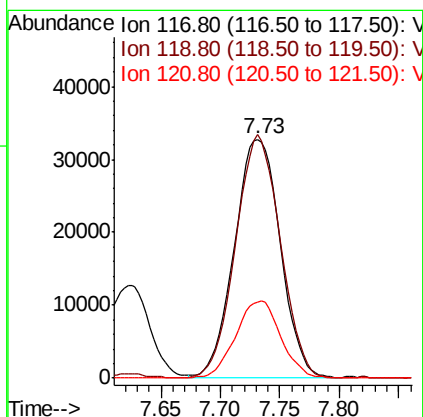
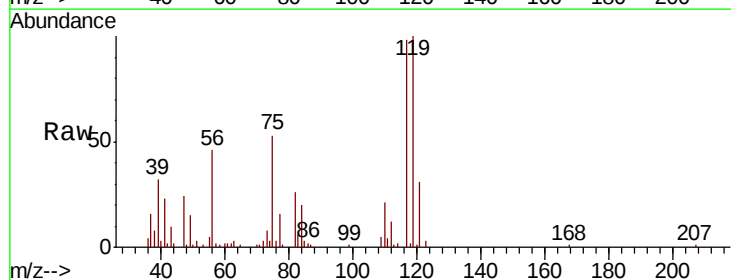
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

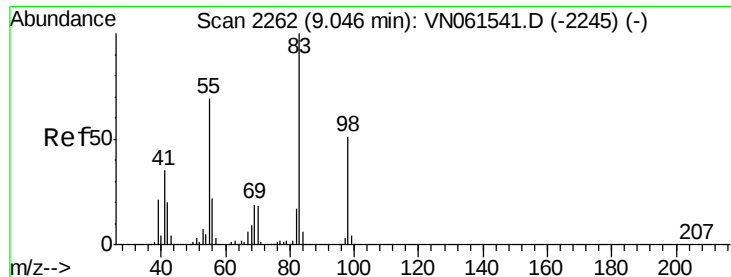
Tot Ion: 43 Resp: 65136
Ion Ratio Lower Upper
43 100
61 16.8 12.2 18.4
70 12.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.045 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 117 Resp: 87623
Ion Ratio Lower Upper
117 100
119 102.0 76.5 114.7
121 32.0 24.1 36.1

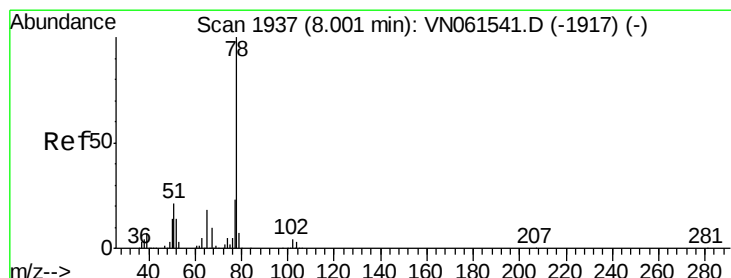
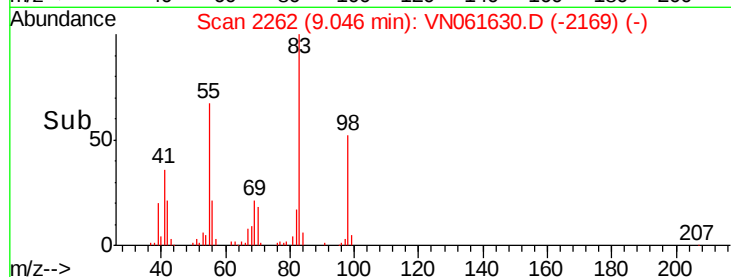
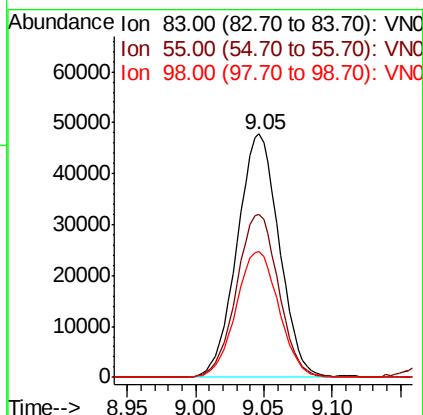
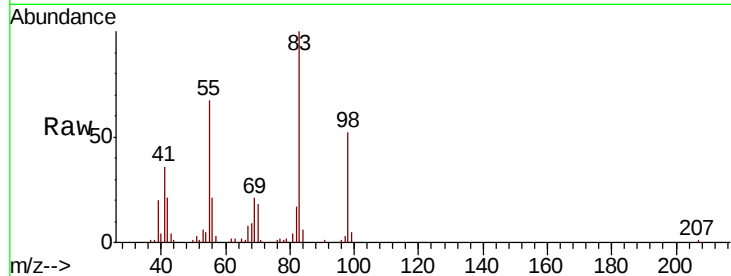




#39
Methvlcvclohexane
Concen: 17.399 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

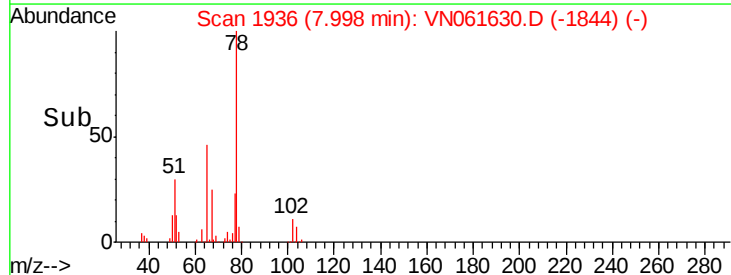
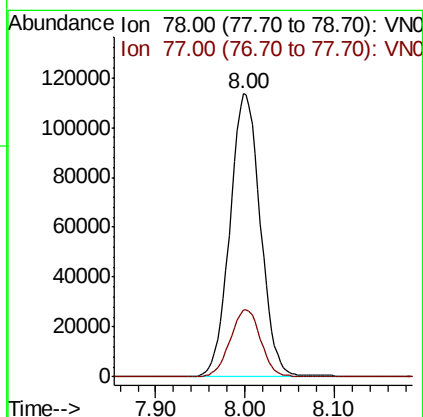
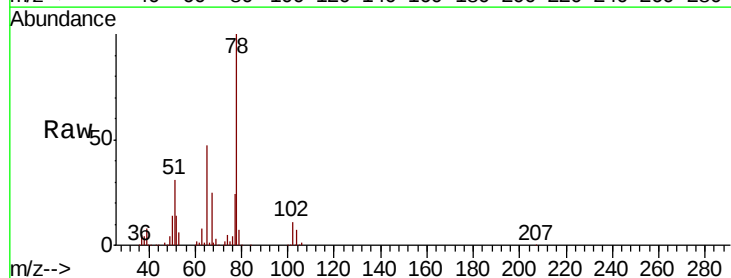
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

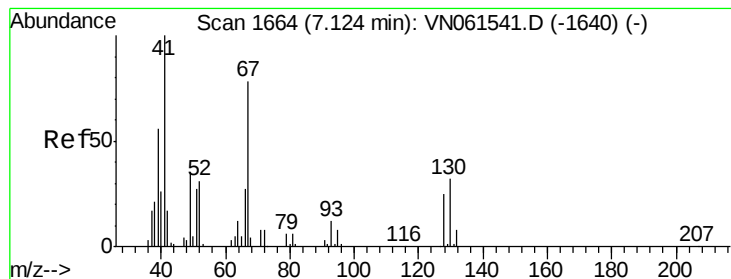
Tot Ion: 83 Resp: 102288
Ion Ratio Lower Upper
83 100
55 67.1 54.9 82.3
98 51.5 41.0 61.4



#40
Benzene
Concen: 18.329 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 78 Resp: 269745
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

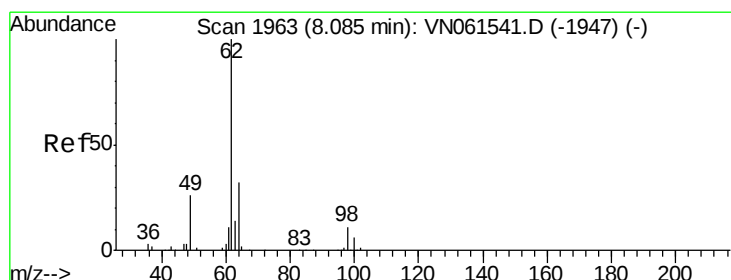
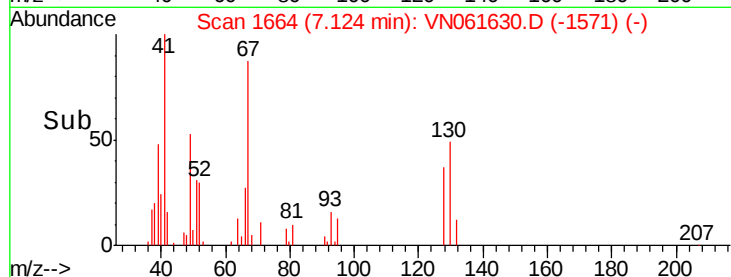
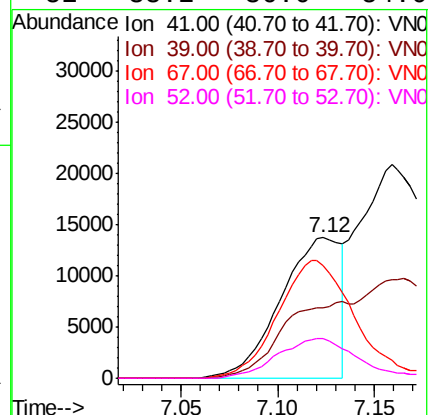
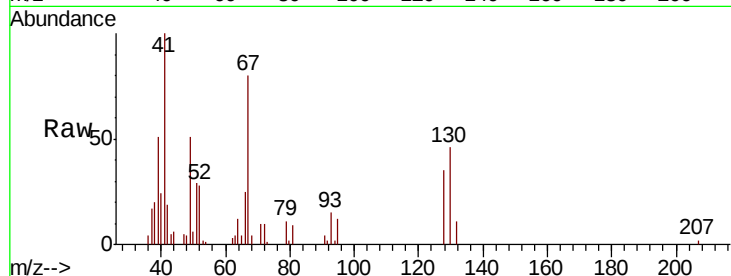




#41
Methacrylonitrile
Concen: 16.926 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

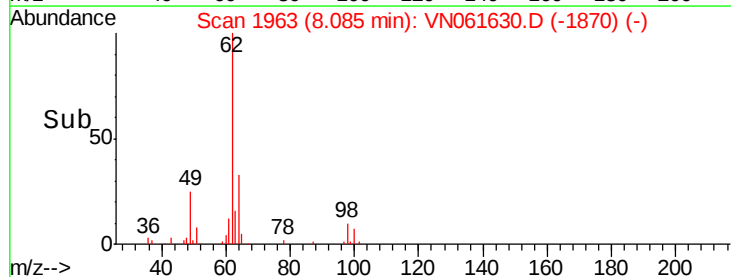
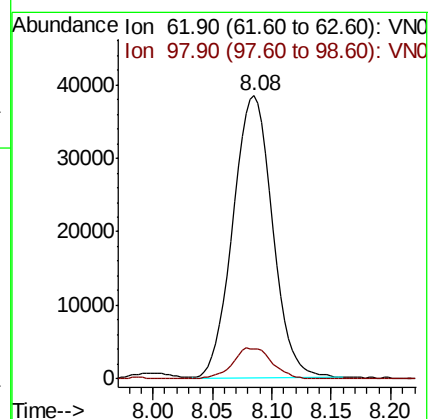
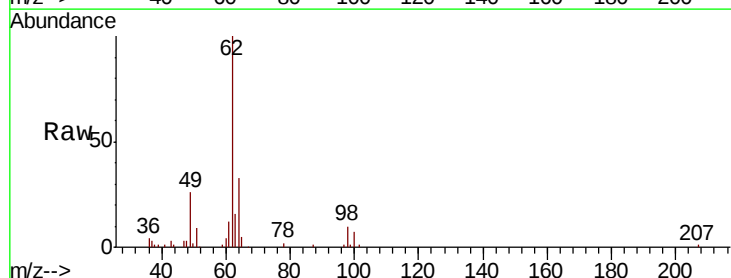
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

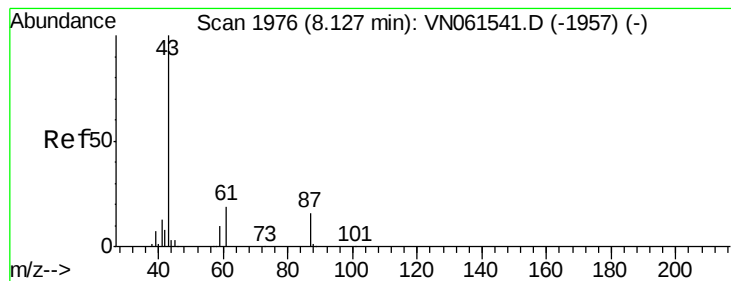
Tot Ion: 41 Resp: 29792
Ion Ratio Lower Upper
41 100
39 64.1 53.8 80.6
67 106.8 91.1 136.7
52 38.2 36.0 54.0



#42
1,2-Dichloroethane
Concen: 18.020 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 62 Resp: 88786
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4





#43

Isopropyl Acetate

Concen: 16.367 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

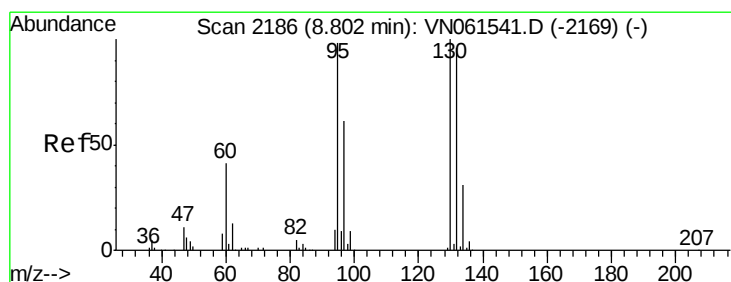
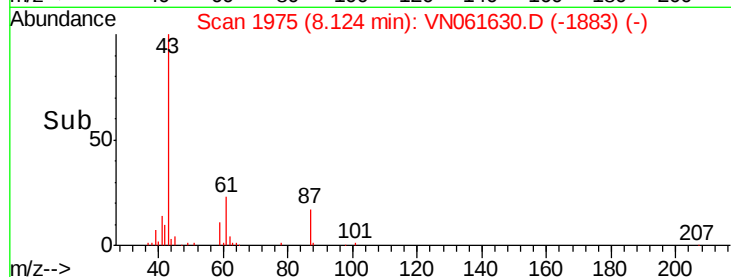
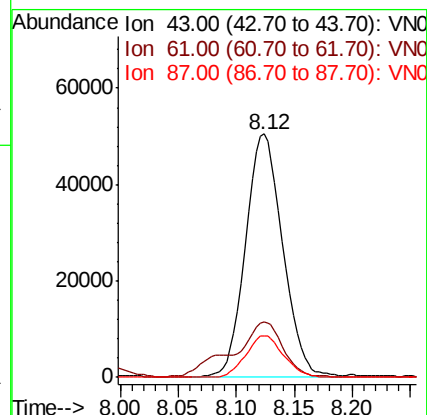
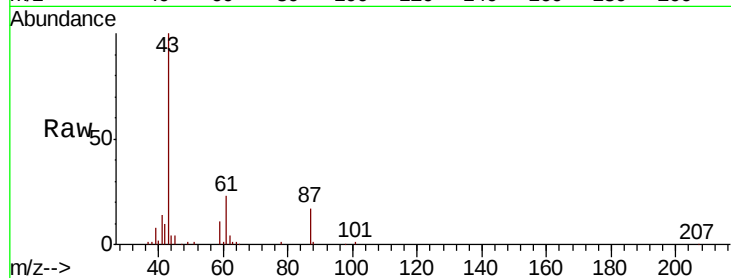
MSVOA_N

ClientSampleId :

VN0603WBS01

Tot Ion: 43 Resp: 113127

Ion	Ratio	Lower	Upper
43	100		
61	22.5	23.6	35.4#
87	17.2	13.0	19.6



#44

Trichloroethene

Concen: 18.646 ug/l

RT: 8.80 min Scan# 2185

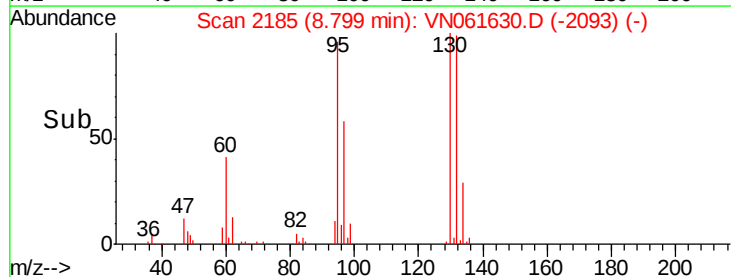
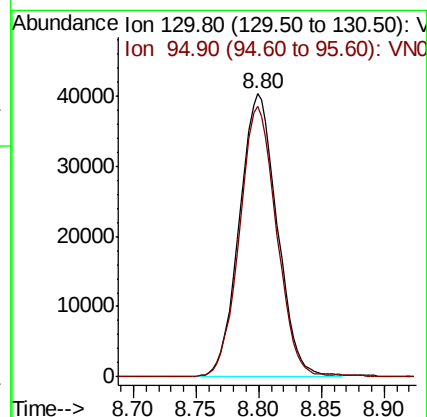
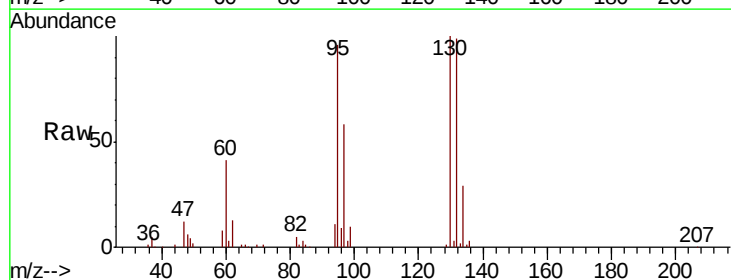
Delta R.T. -0.00 min

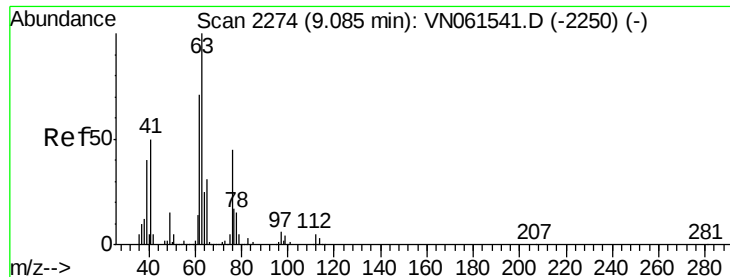
Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Tgt Ion: 130 Resp: 84333

Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	196.6





#45

1,2-Dichloropropane

Concen: 18.630 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampled :

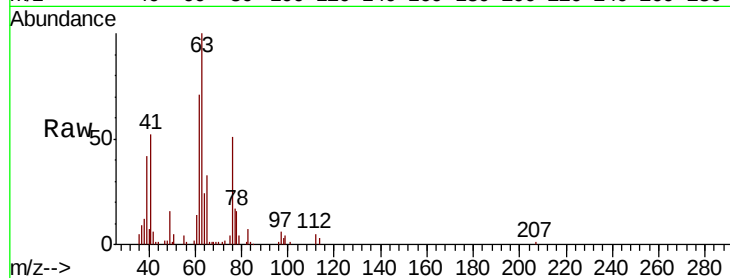
VN0603WBS01

Tot Ion: 63 Resp: 65105

Ion Ratio Lower Upper

63 100

65 32.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2250) (-)

Ion 64.90 (64.60 to 65.60): VN061541.D (-2250) (-)

9.08

30000

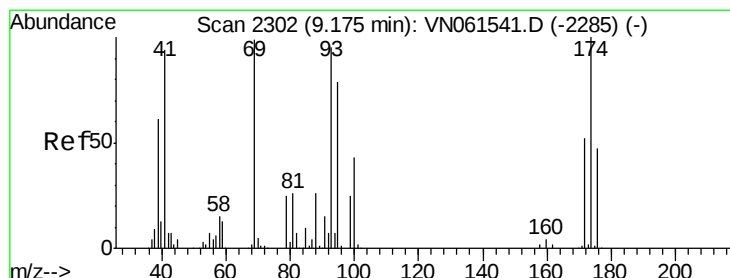
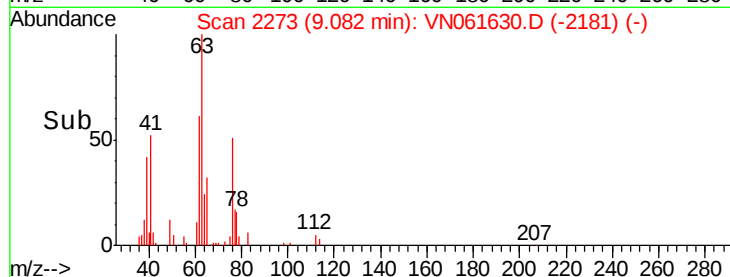
20000

10000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 18.071 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

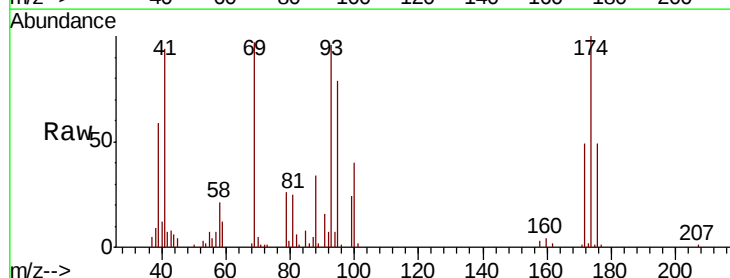
Tgt Ion: 93 Resp: 48434

Ion Ratio Lower Upper

93 100

95 83.2 66.0 99.0

174 101.6 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061541.D (-2285) (-)

Ion 94.80 (94.50 to 95.50): VN061541.D (-2285) (-)

Ion 173.70 (173.40 to 174.40): VN061541.D (-2285) (-)

9.17

30000

25000

20000

15000

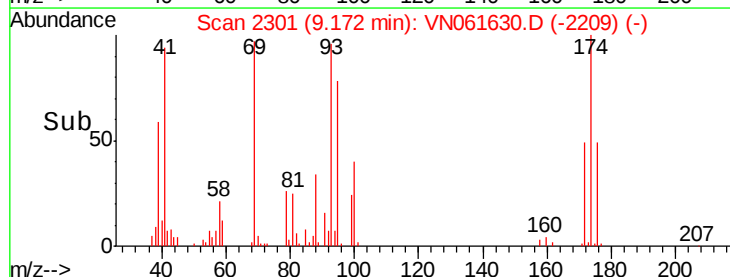
10000

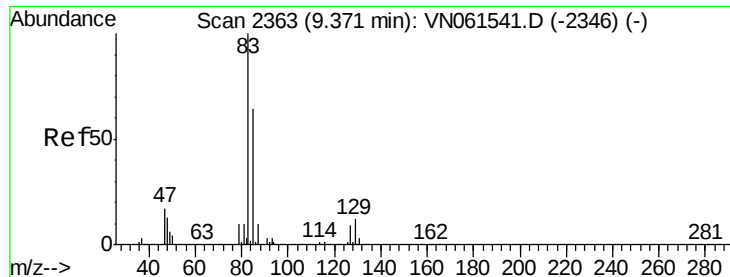
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 18.400 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

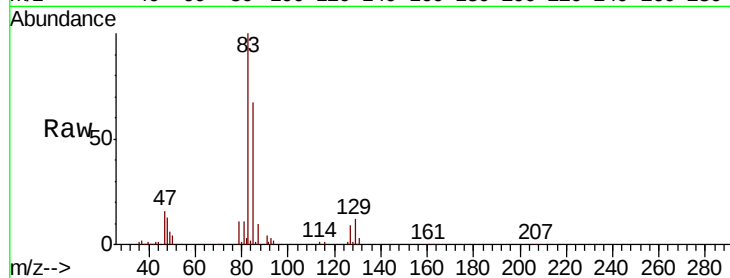
Tot Ion: 83 Resp: 97706

Ion Ratio Lower Upper

83 100

85 66.9 51.1 76.7

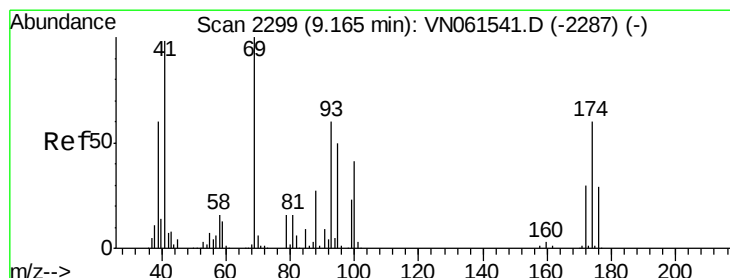
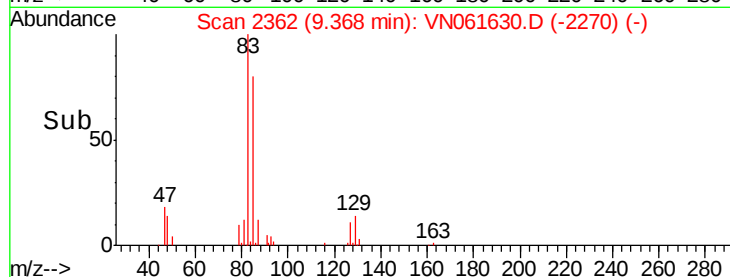
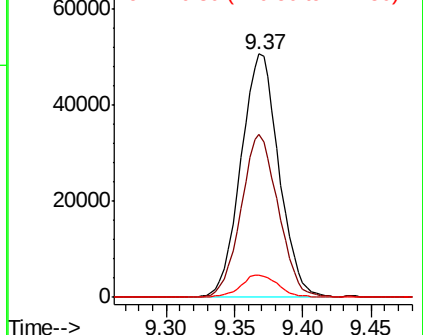
127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 15.240 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

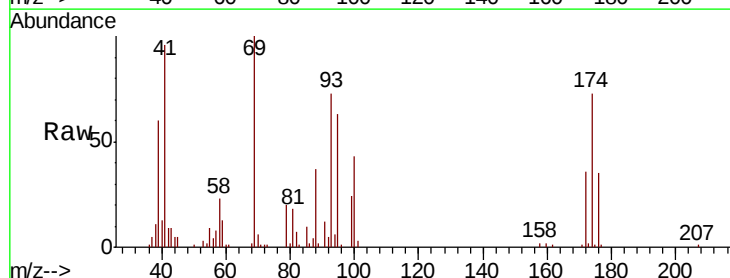
Tgt Ion: 41 Resp: 47393

Ion Ratio Lower Upper

41 100

69 109.8 83.9 125.9

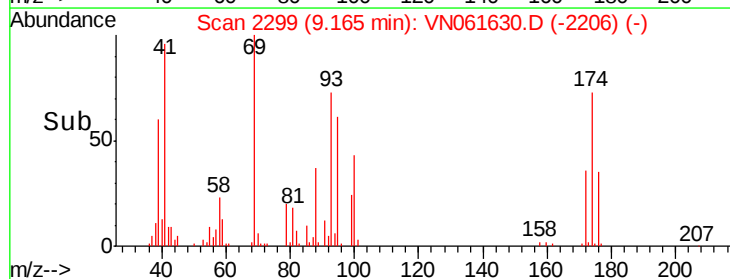
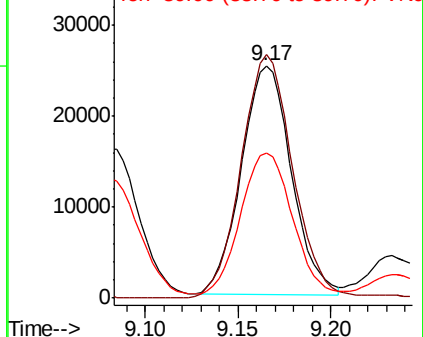
39 67.6 52.1 78.1

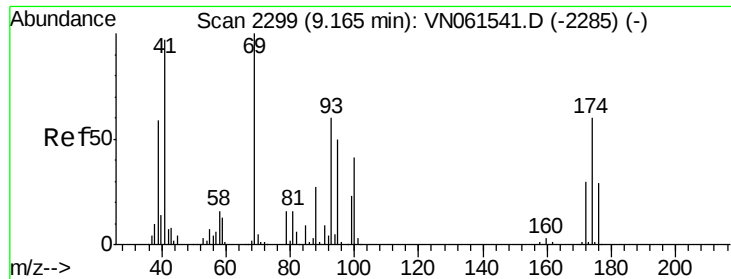


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

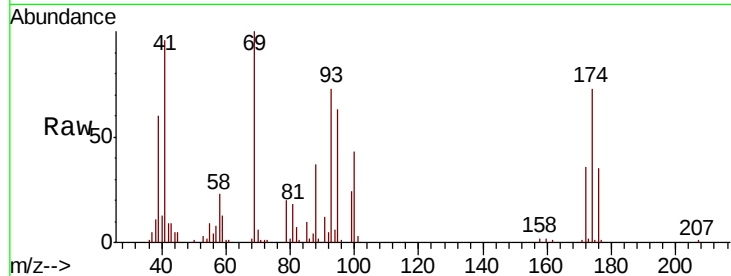




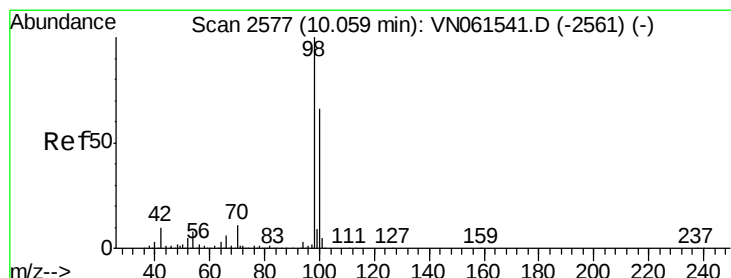
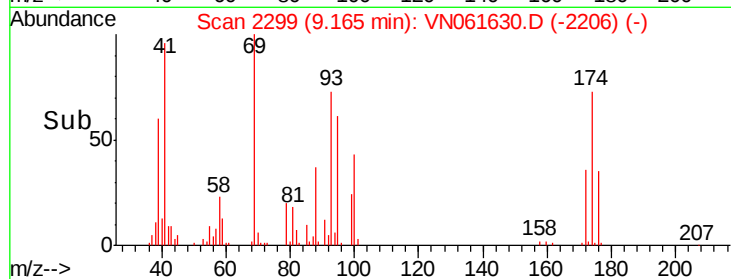
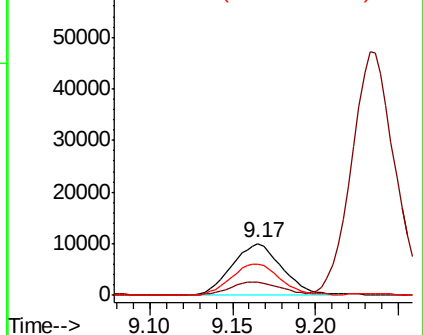
#49
 1,4-Dioxane
 Concen: 436.848 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

Tot Ion: 88 Resp: 21045
 Ion Ratio Lower Upper
 88 100
 43 25.3 23.1 34.7
 58 59.4 48.3 72.5

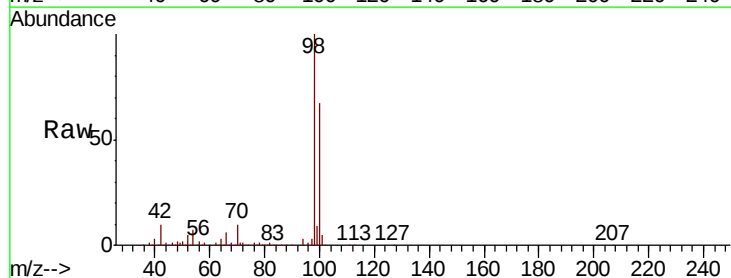


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

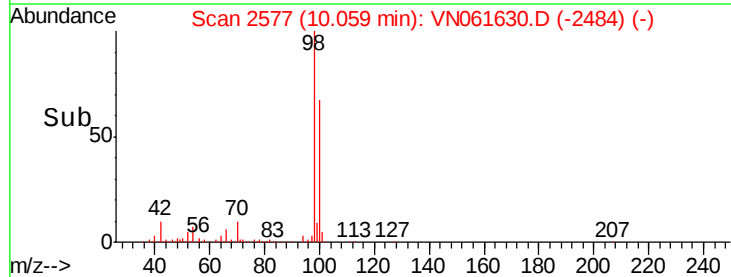
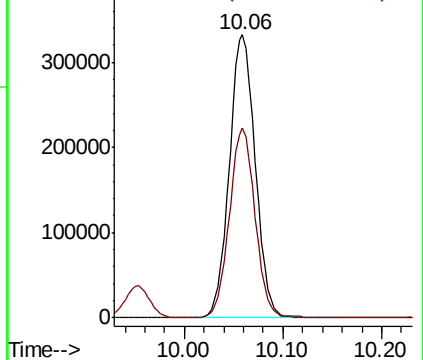


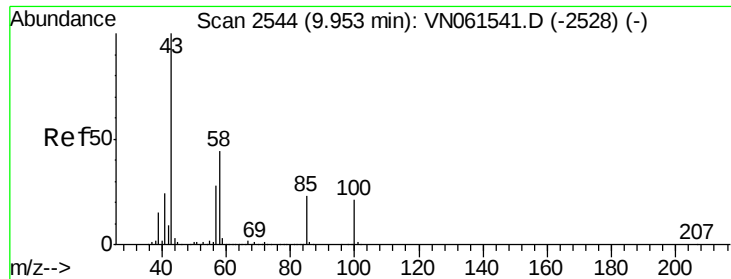
#50
 Toluene-d8
 Concen: 48.167 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion: 98 Resp: 610090
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.8 79.2



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

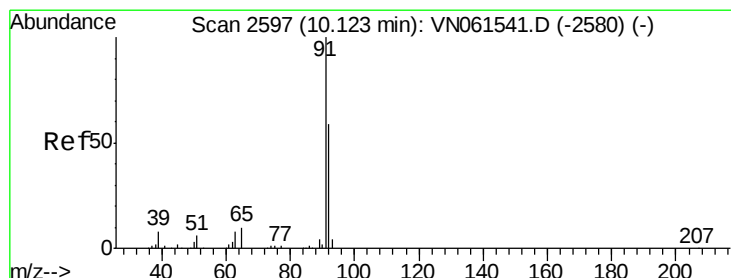
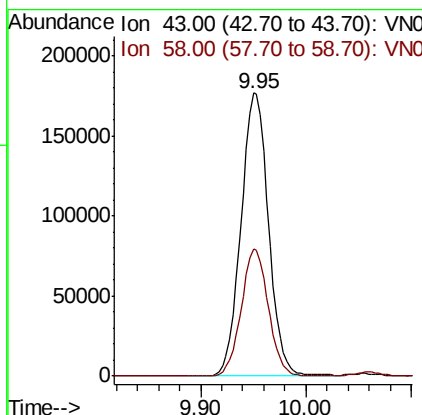
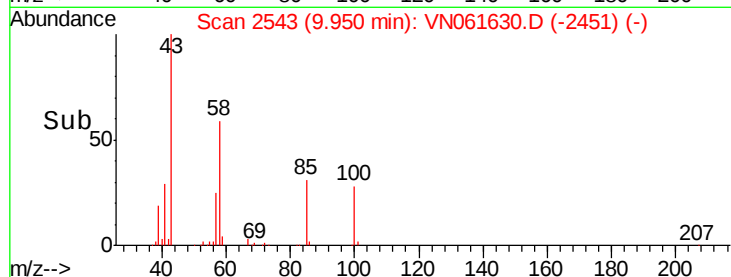
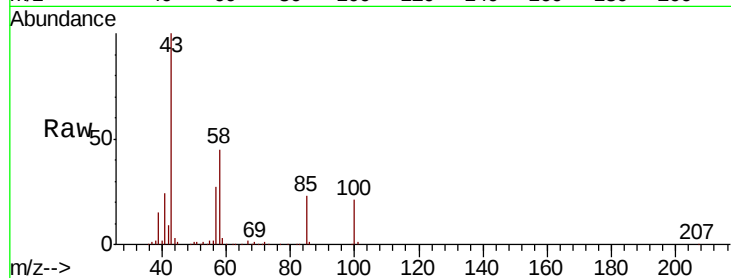




#51
4-Methyl-2-Pentanone
Concen: 82.453 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

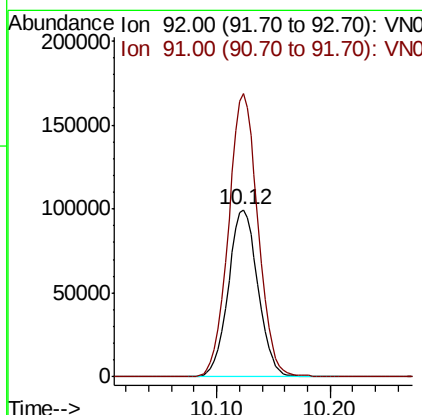
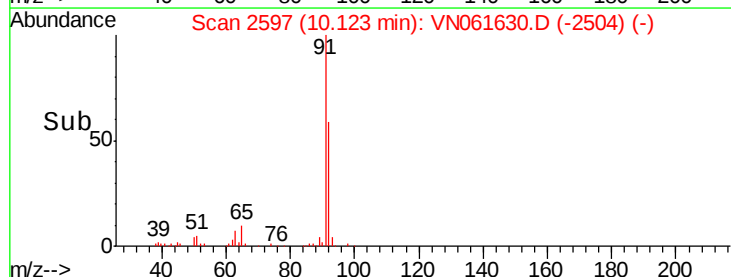
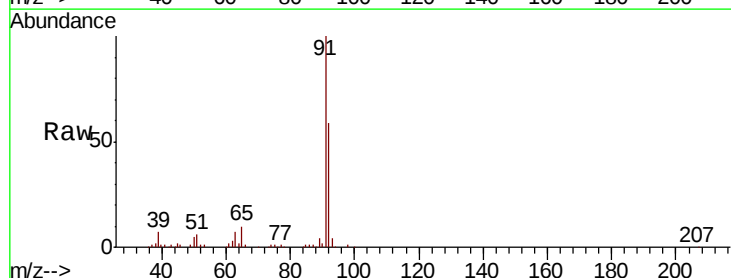
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

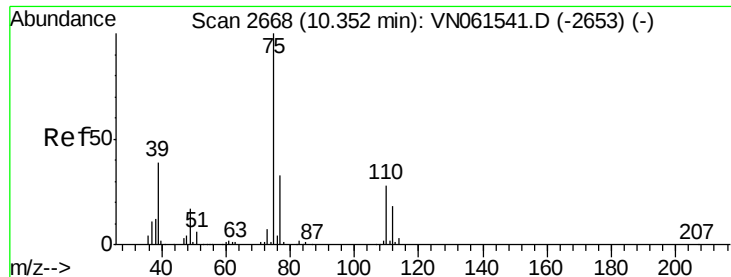
Tot Ion: 43 Resp: 321149
Ion Ratio Lower Upper
43 100
58 44.0 35.0 52.6



#52
Toluene
Concen: 18.871 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 92 Resp: 181268
Ion Ratio Lower Upper
92 100
91 168.3 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 17.853 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

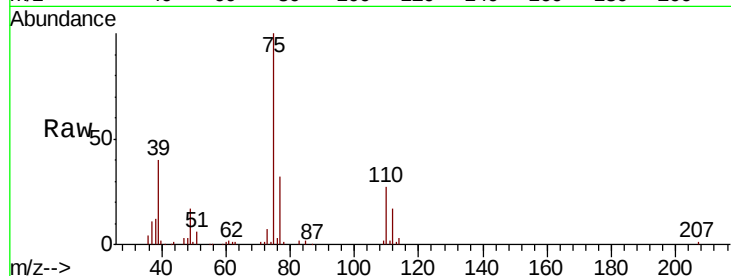
VN0603WBS01

Tot Ion: 75 Resp: 102124

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN061630.D (-2575) (-)

Ion 76.90 (76.60 to 77.60): VN061630.D (-2575) (-)

10.35

60000

50000

40000

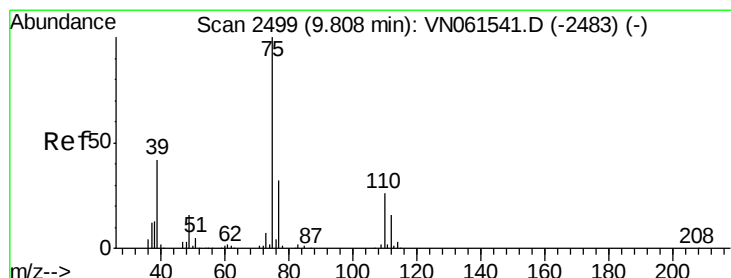
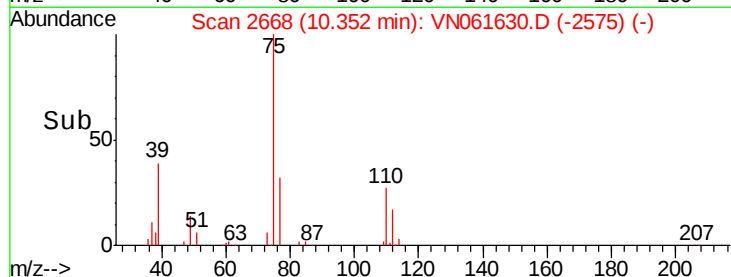
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.179 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

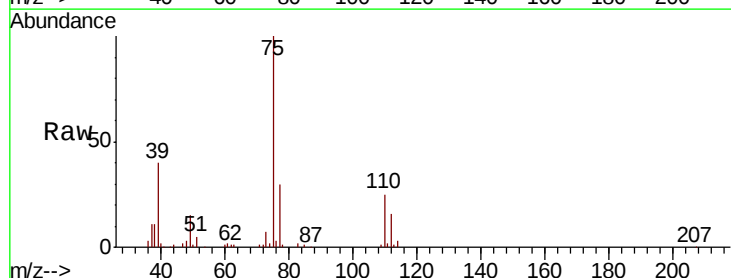
Tgt Ion: 75 Resp: 111815

Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.2

39 39.7 33.8 50.6



Abundance Ion 74.90 (74.60 to 75.60): VN061630.D (-2406) (-)

Ion 76.90 (76.60 to 77.60): VN061630.D (-2406) (-)

Ion 39.00 (38.70 to 39.70): VN061630.D (-2406) (-)

9.81

80000

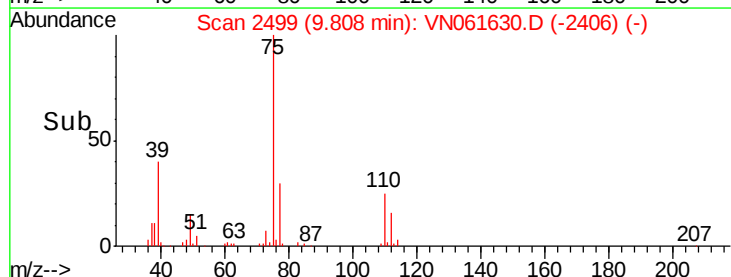
60000

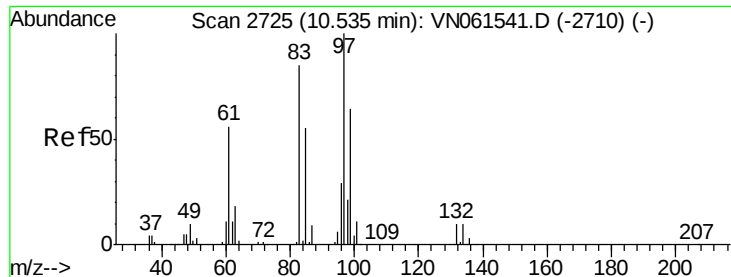
40000

20000

0

Time-->



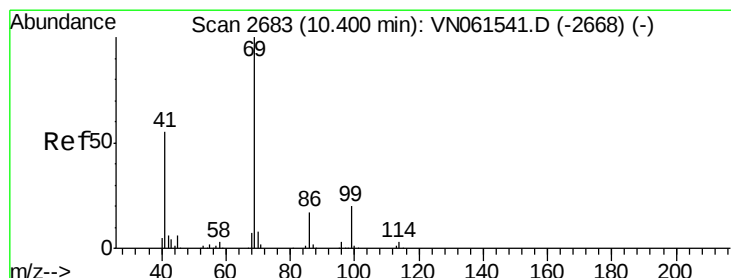
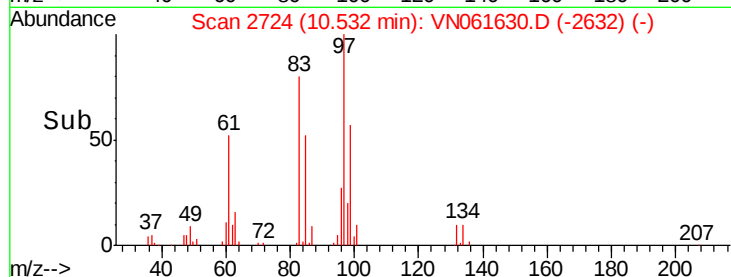
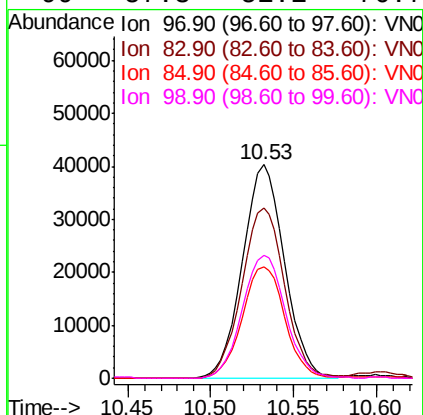
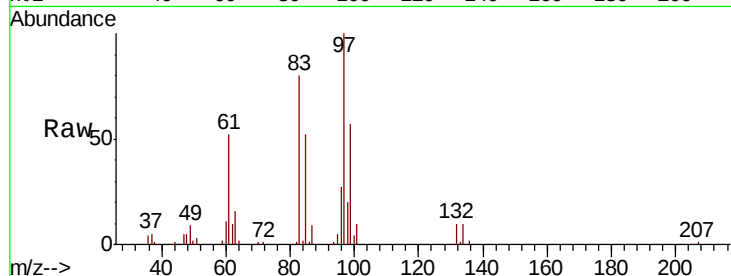


#55
 1,1,2-Trichloroethane
 Concen: 18.577 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

Tot Ion: 97 Resp: 71091

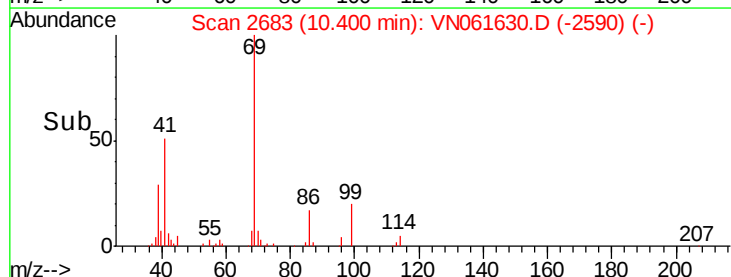
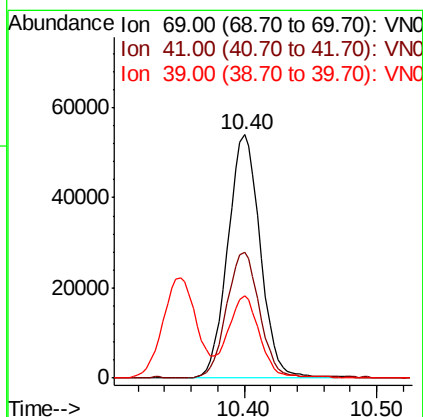
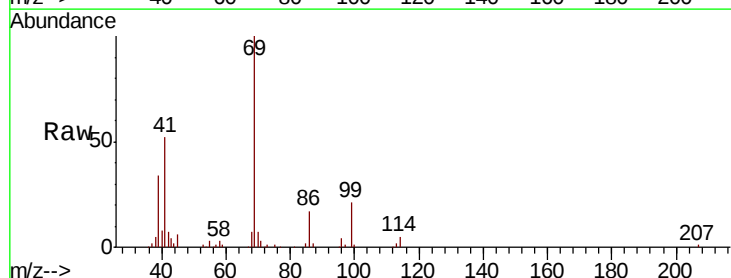
Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.1	102.1
85	51.9	44.1	66.1
99	57.3	51.1	76.7

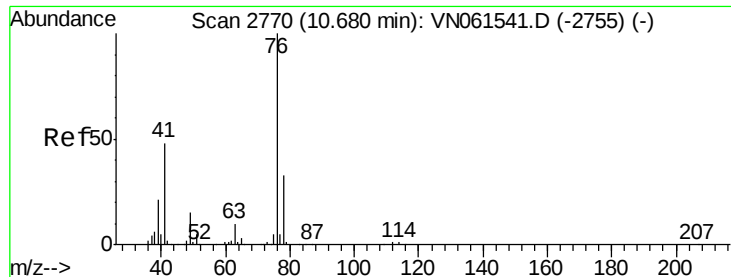


#56
 Ethyl methacrylate
 Concen: 17.180 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion: 69 Resp: 91841

Ion	Ratio	Lower	Upper
69	100		
41	53.4	43.5	65.3
39	31.8	27.0	40.6





#57

1,3-Dichloropropane

Concen: 18.511 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

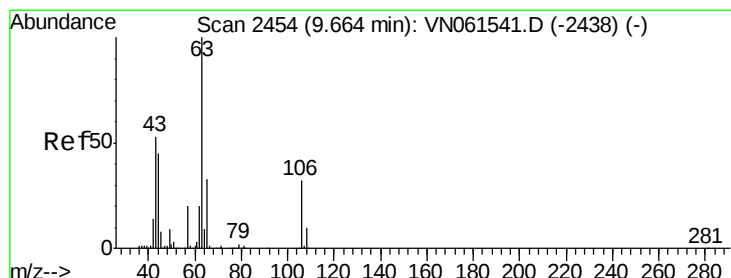
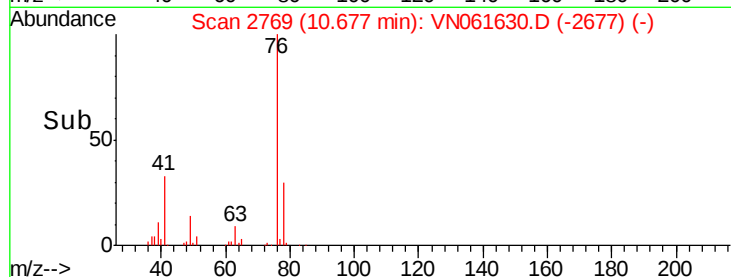
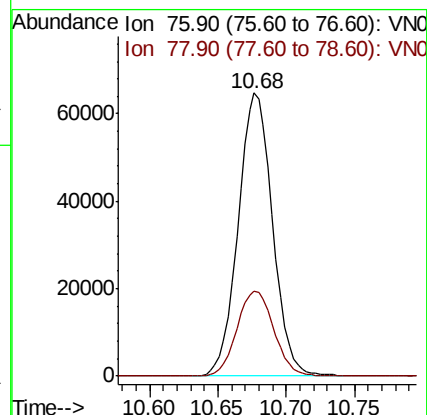
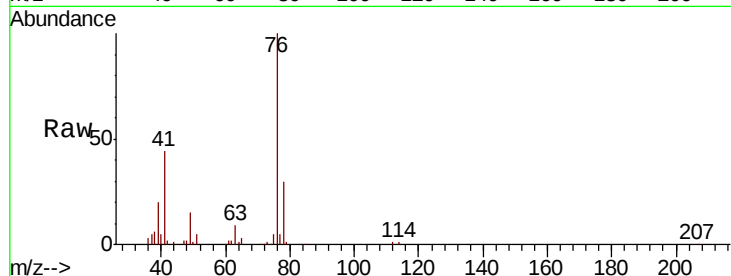
VN0603WBS01

Tot Ion: 76 Resp: 113297

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 79.160 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061630.D

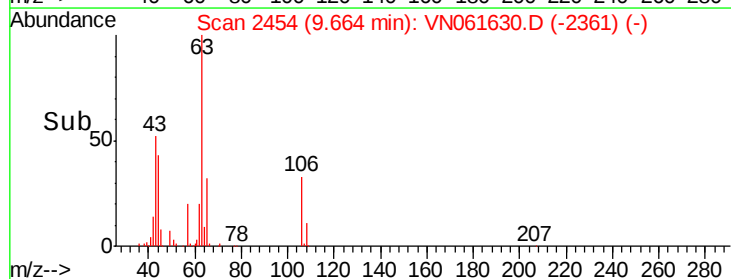
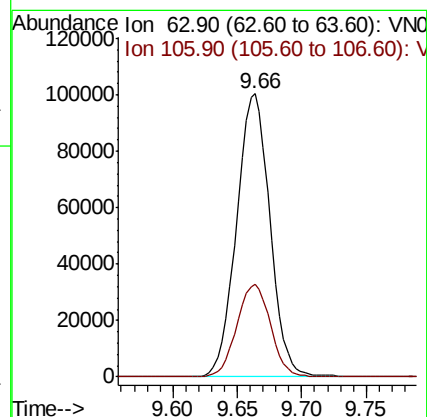
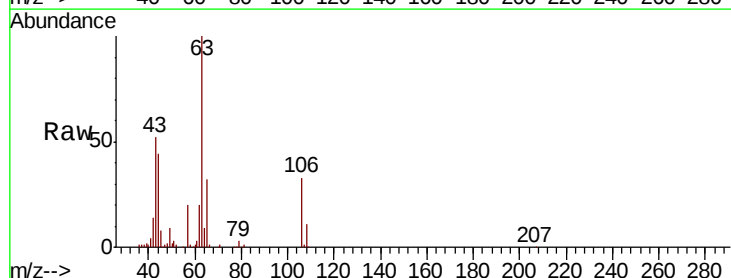
Acq: 3 Jun 2020 11:47

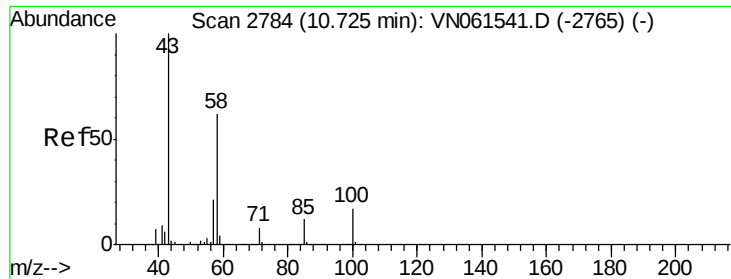
Tgt Ion: 63 Resp: 180842

Ion Ratio Lower Upper

63 100

106 32.9 25.9 38.9

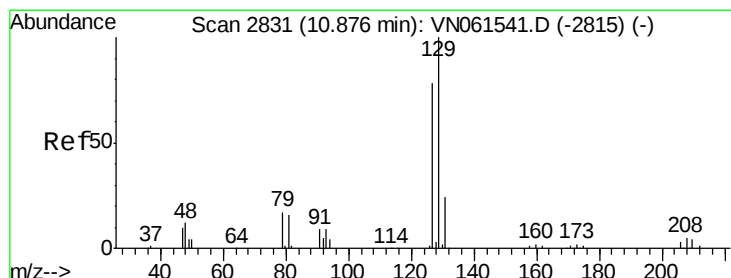
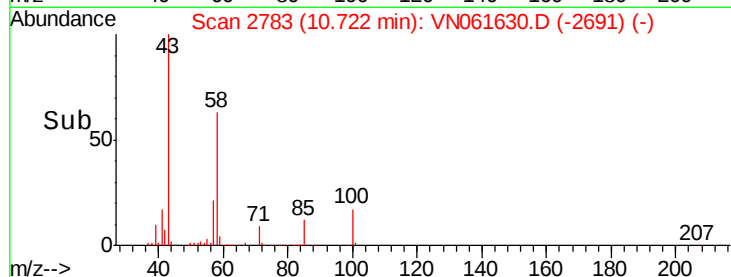
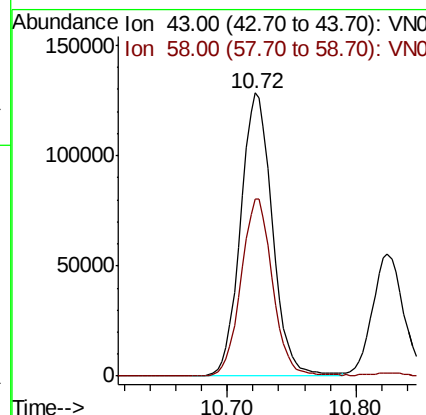
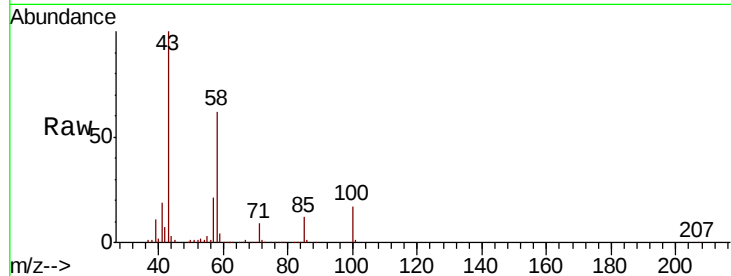




#59
2-Hexanone
Concen: 78.928 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

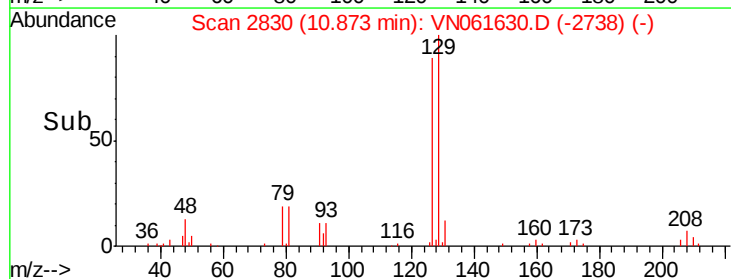
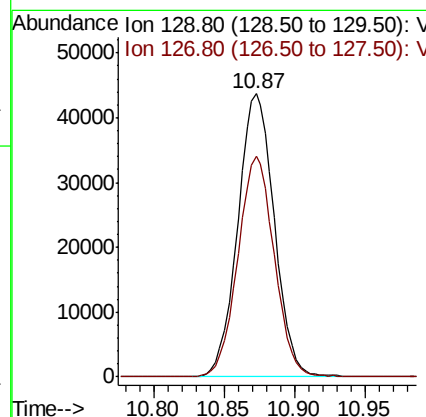
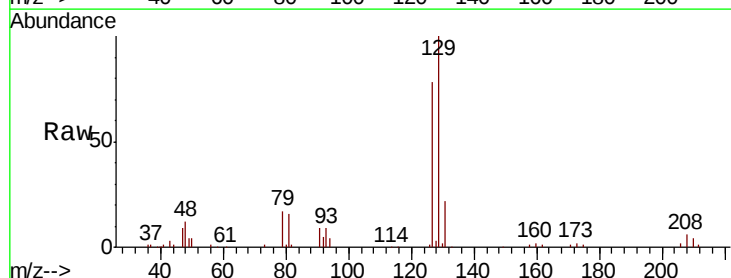
Instrument :
MSVOA_N
ClientSampled :
VN0603WBS01

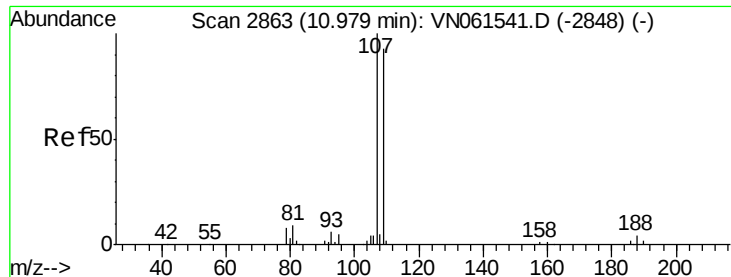
Tot Ion: 43 Resp: 220781
Ion Ratio Lower Upper
43 100
58 62.1 30.7 92.1



#60
Dibromochloromethane
Concen: 18.190 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 129 Resp: 79141
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3

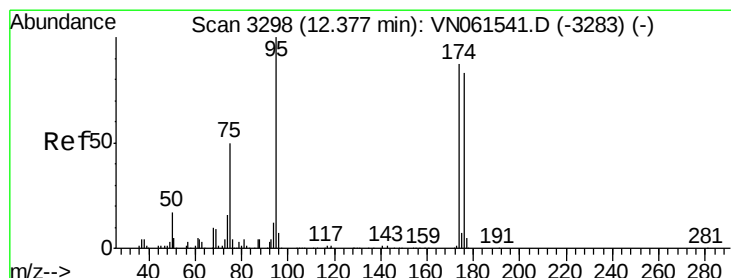
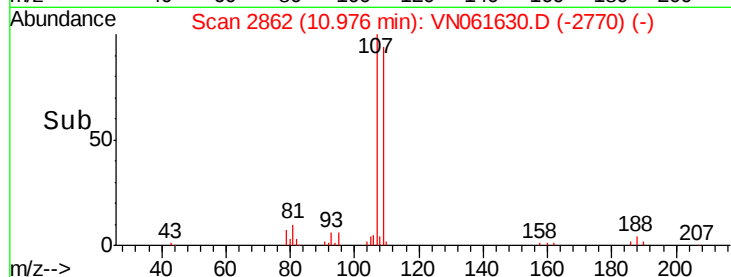
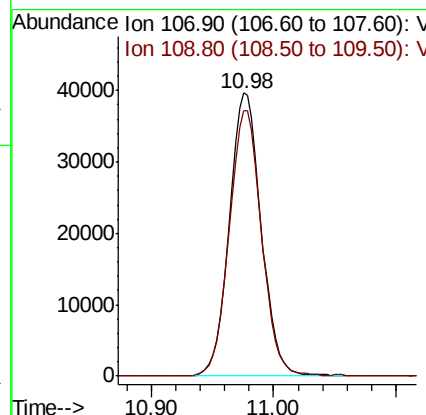
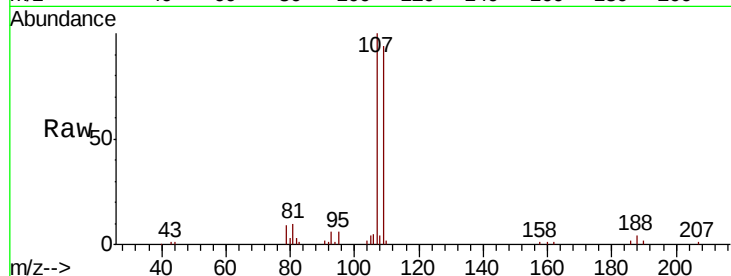




#61
 1,2-Dibromoethane
 Concen: 18.113 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

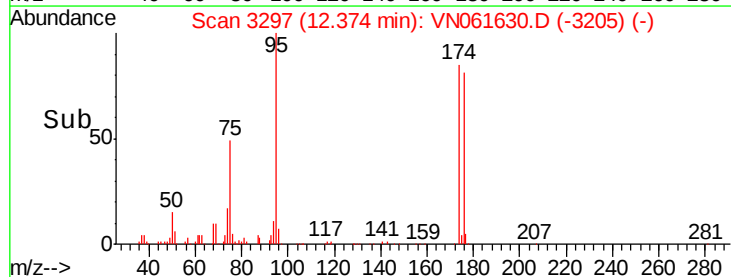
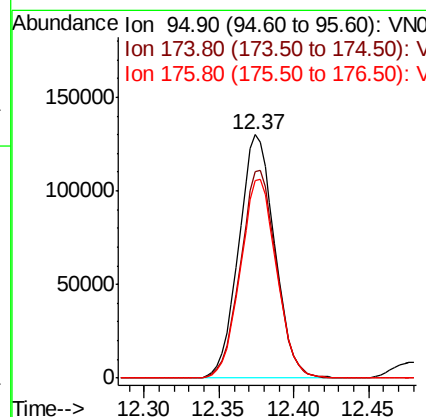
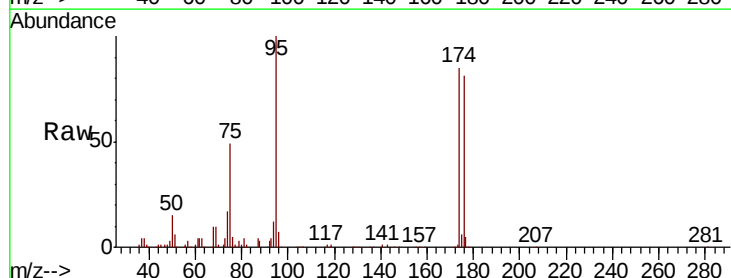
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

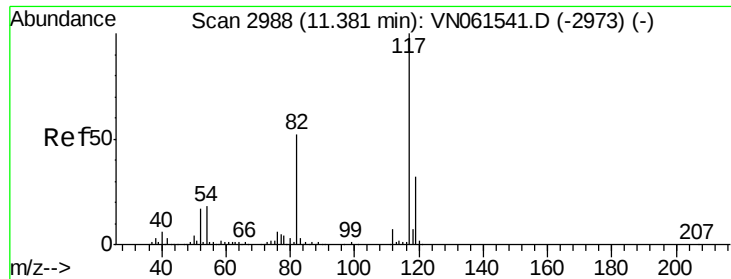
Tot Ion:107 Resp: 72293
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.061 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion: 95 Resp: 217471
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 172.8
 176 82.2 0.0 164.8

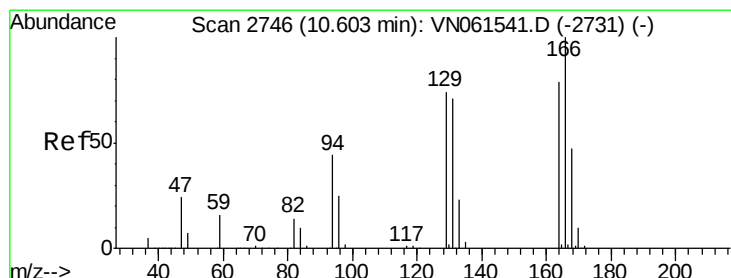
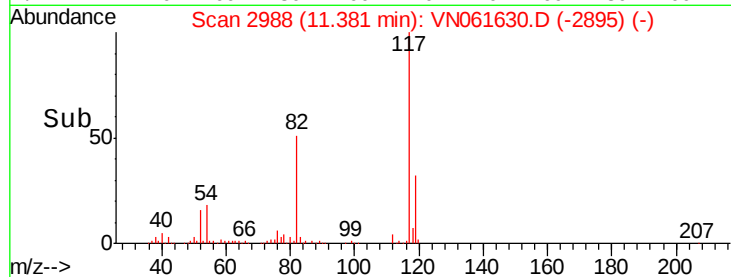
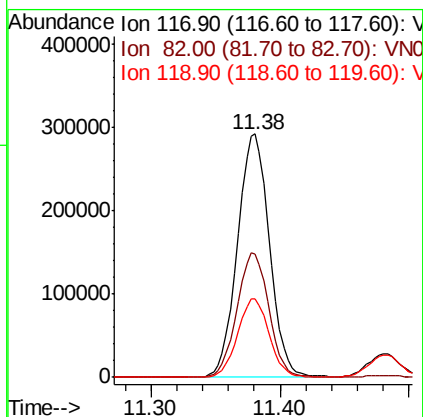
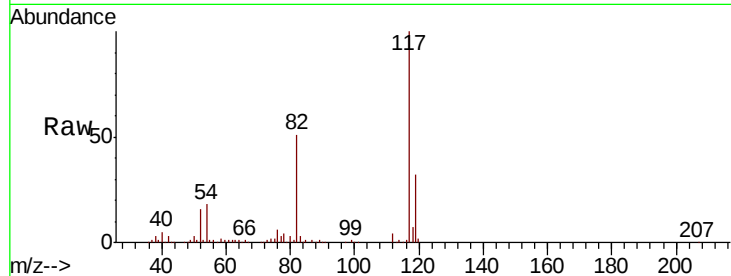




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

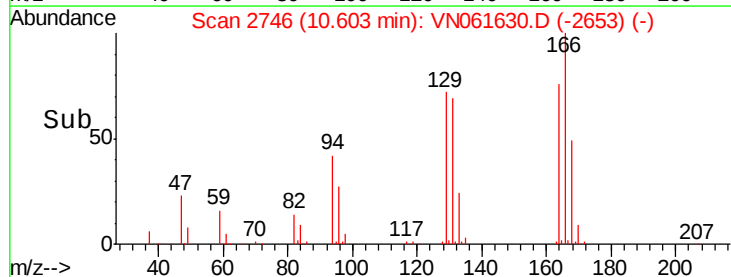
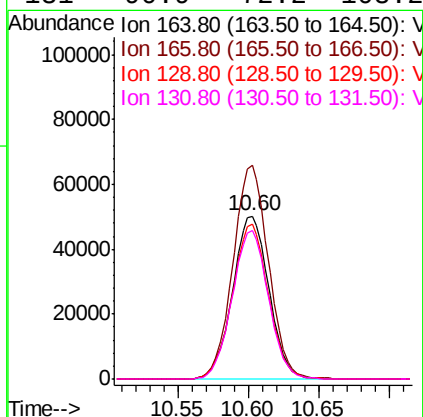
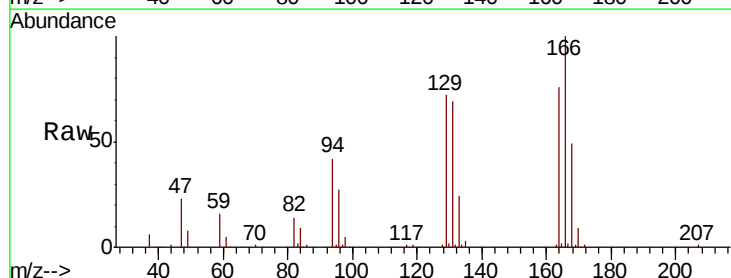
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

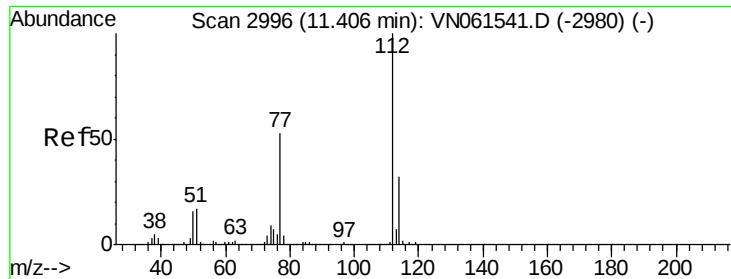
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.5	62.3
119	32.1	25.6	38.4



#64
Tetrachloroethene
Concen: 19.086 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	101.5	152.3
129	95.1	74.9	112.3
131	90.9	72.2	108.2

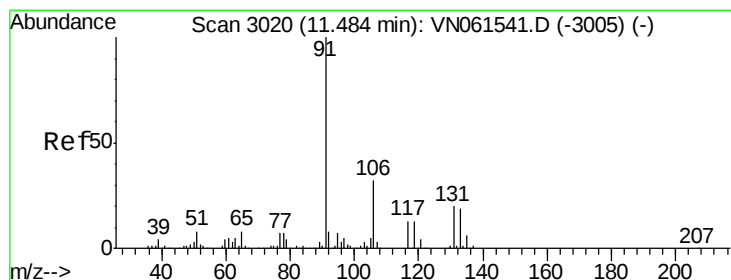
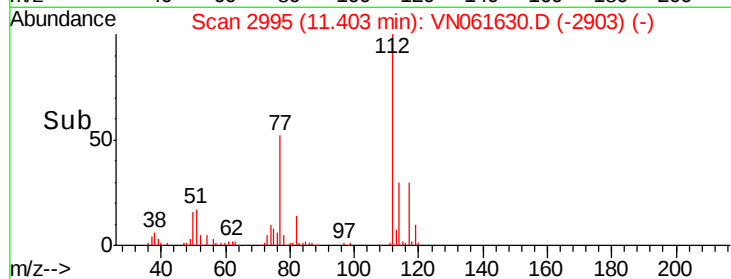
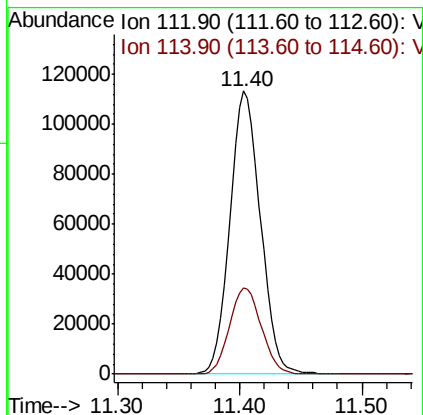
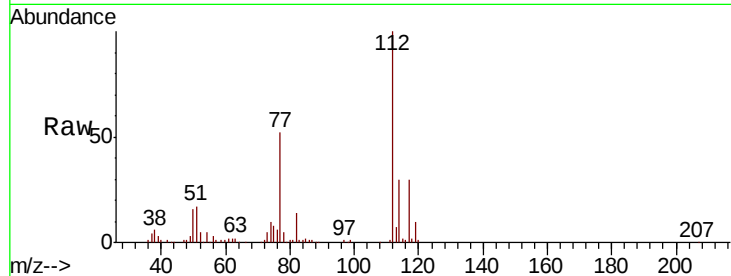




#65
Chlorobenzene
Concen: 18.845 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

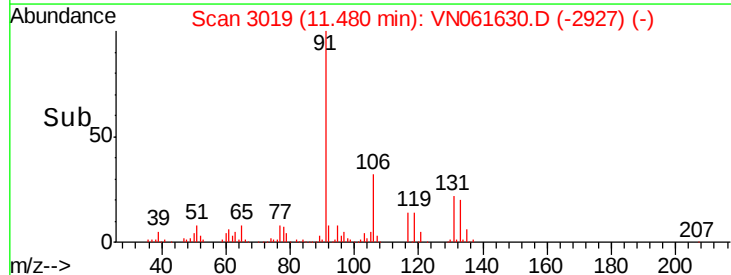
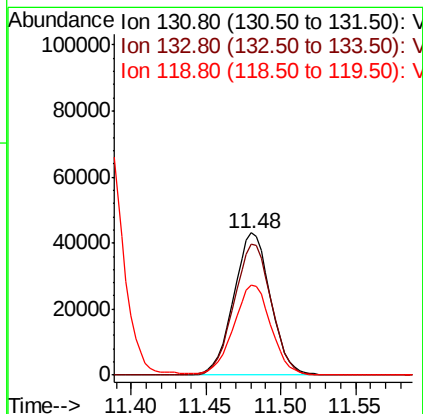
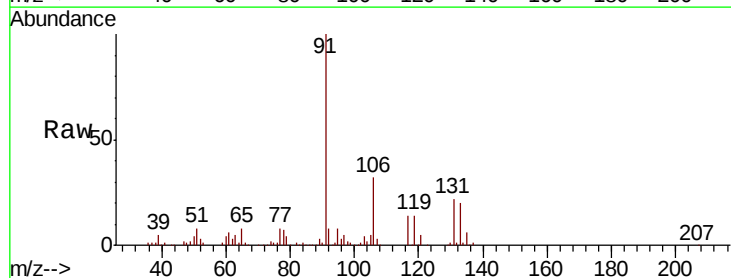
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

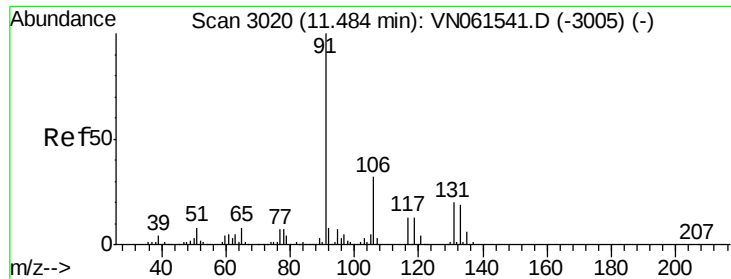
Tot Ion:112 Resp: 197515
Ion Ratio Lower Upper
112 100
114 30.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.985 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion:131 Resp: 74089
Ion Ratio Lower Upper
131 100
133 93.3 47.4 142.2
119 64.7 32.6 97.8

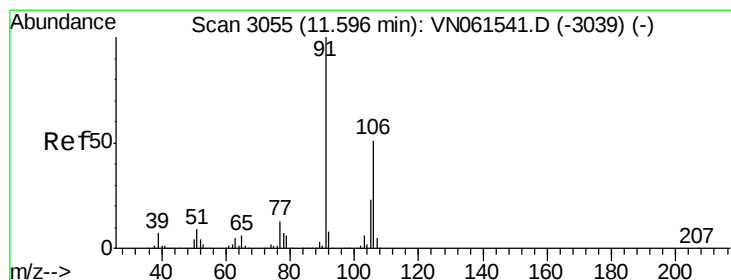
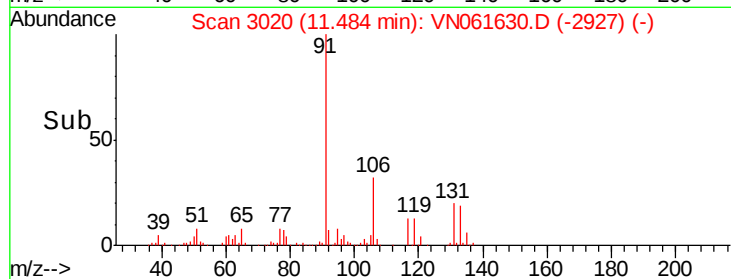
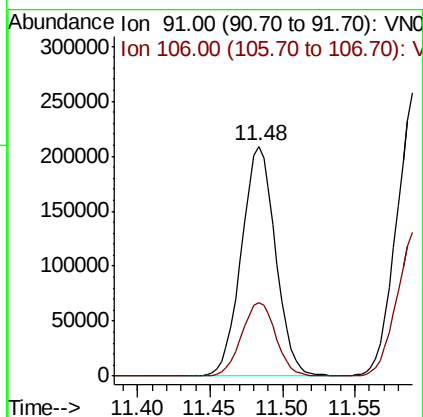
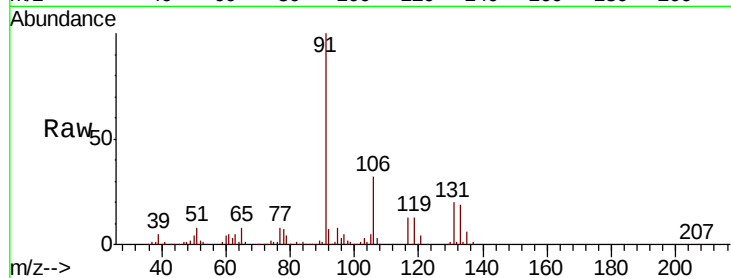




#67
Ethyl Benzene
Concen: 18.898 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

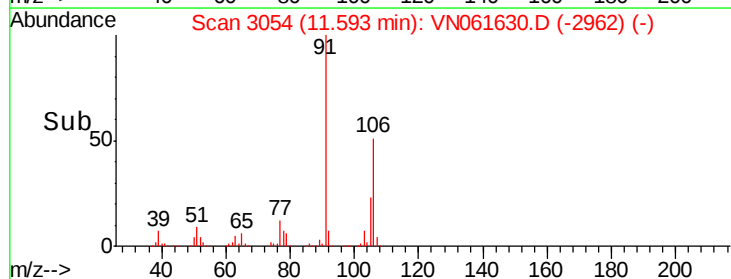
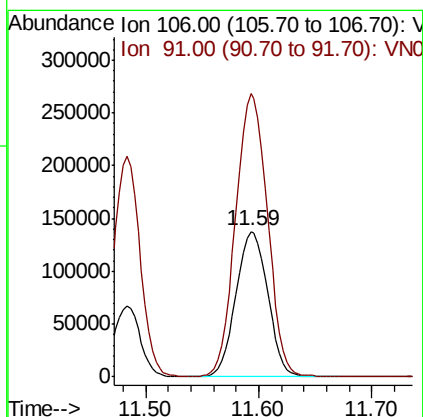
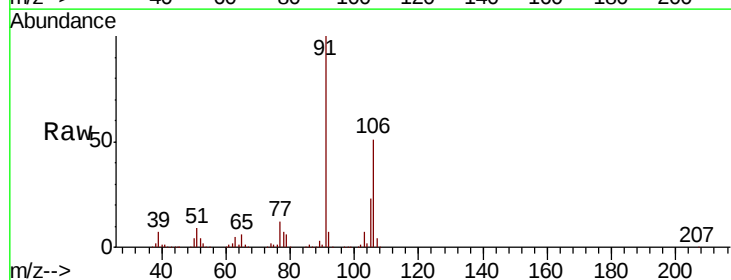
Instrument :
MSVOA_N
ClientSampled :
VN0603WBS01

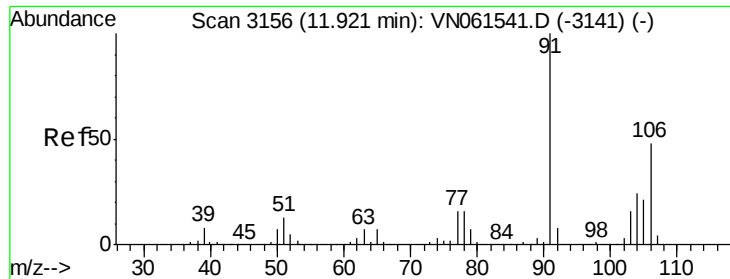
Tot Ion: 91 Resp: 342339
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 37.575 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion: 106 Resp: 269894
Ion Ratio Lower Upper
106 100
91 194.9 156.2 234.4

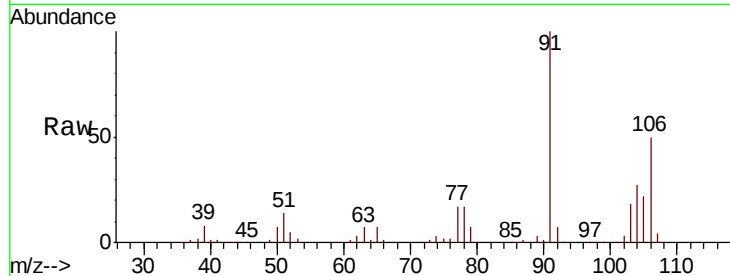




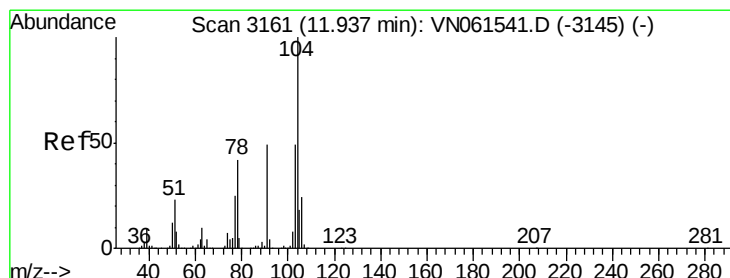
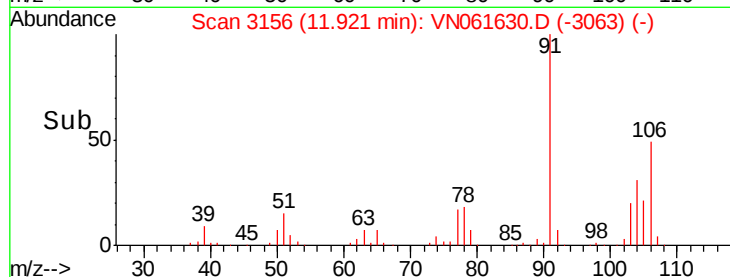
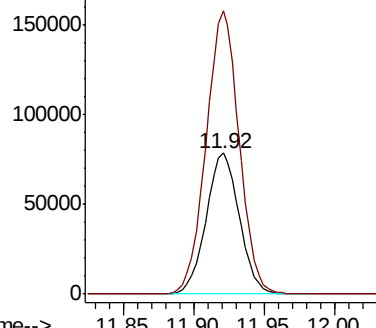
#69
o-Xylene
Concen: 19.031 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Instrument :
MSVOA_N
ClientSampled :
VN0603WBS01

Tot Ion:106 Resp: 129831
Ion Ratio Lower Upper
106 100
91 199.8 103.3 309.8

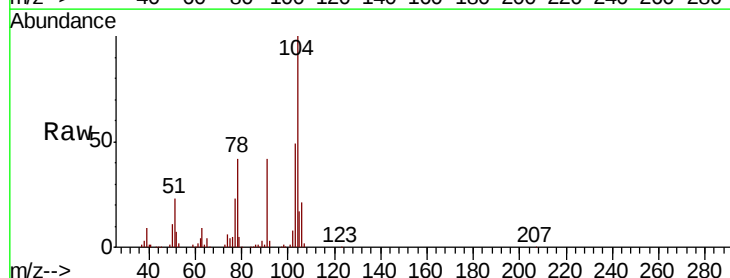


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

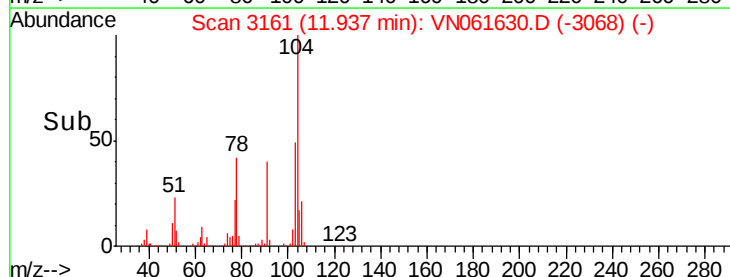
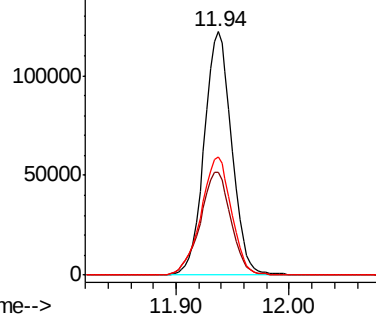


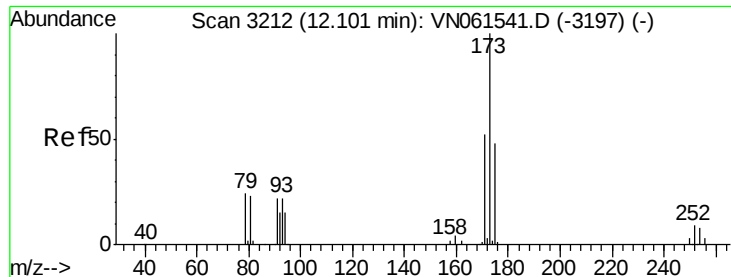
#70
Styrene
Concen: 18.334 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion:104 Resp: 207135
Ion Ratio Lower Upper
104 100
78 47.2 37.4 56.0
103 53.6 42.3 63.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

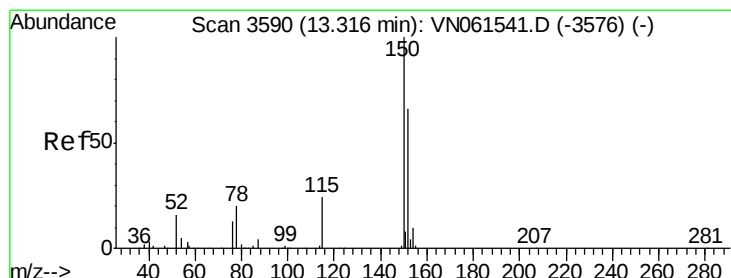
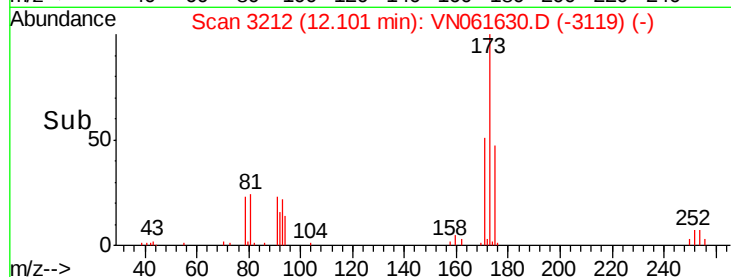
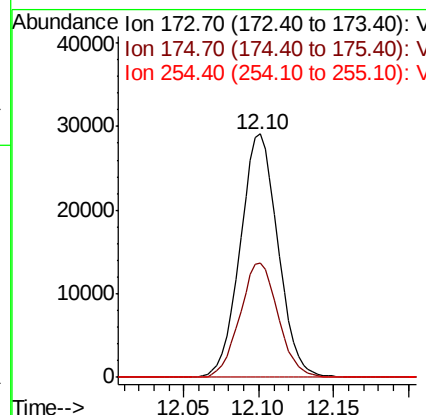
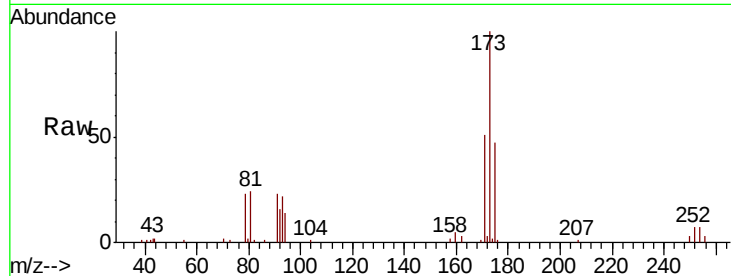




#71
Bromoform
Concen: 17.026 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

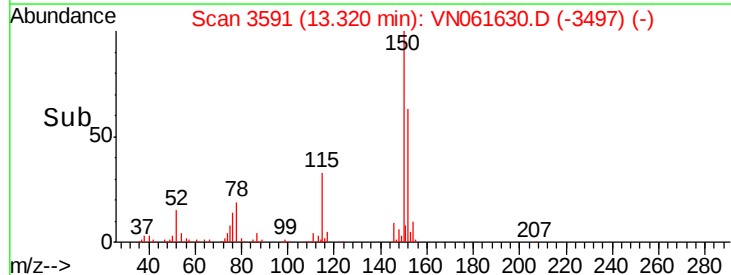
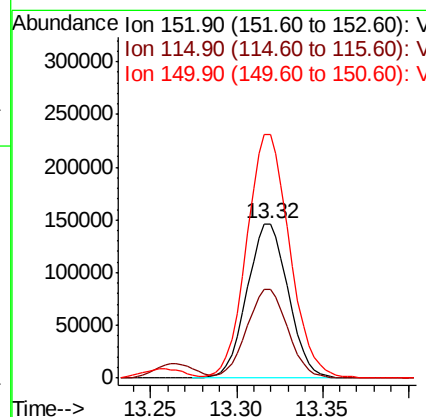
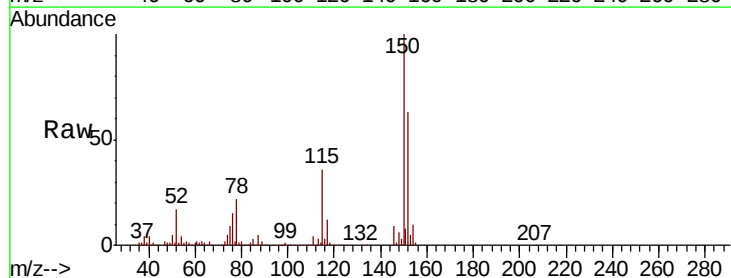
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

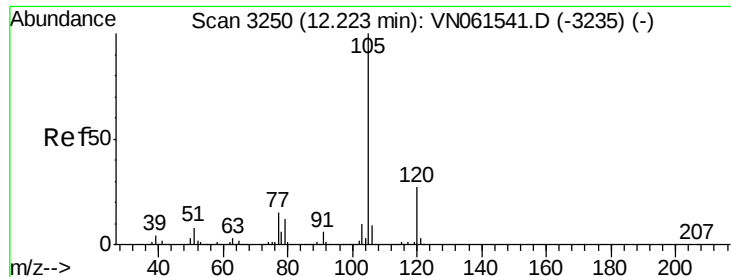
Tot Ion:173 Resp: 51199
Ion Ratio Lower Upper
173 100
175 47.5 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion:152 Resp: 243669
Ion Ratio Lower Upper
152 100
115 57.4 28.0 84.0
150 163.9 0.0 344.0





#73

Isopropylbenzene

Concen: 19.050 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

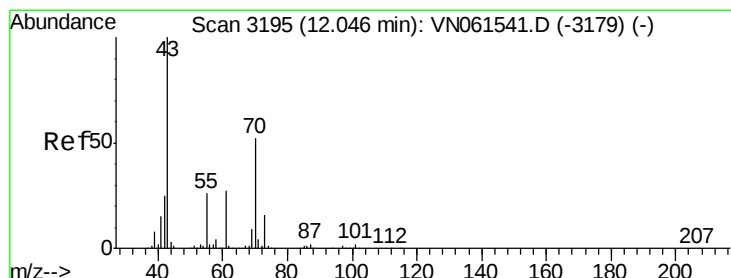
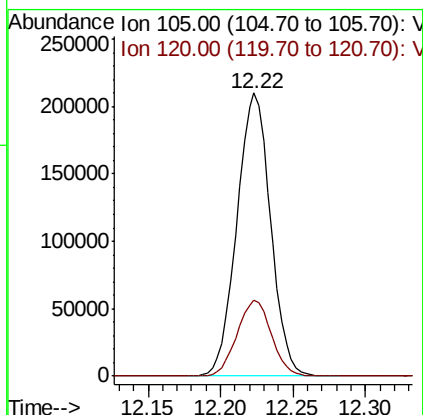
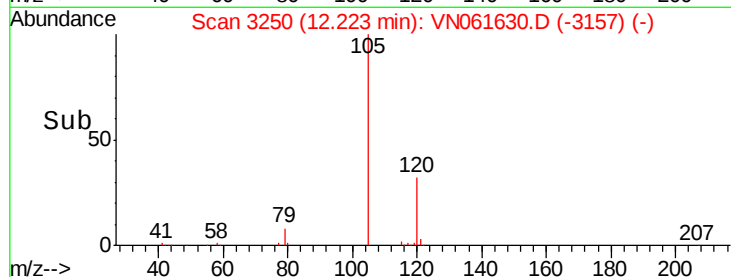
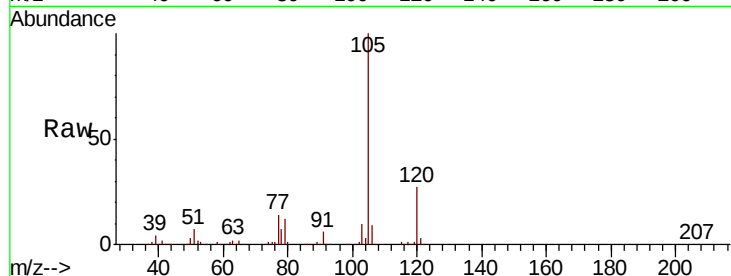
VN0603WBS01

Tot Ion:105 Resp: 338789

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



#74

N-ethyl acetate

Concen: 16.044 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Tgt Ion: 43 Resp: 89858

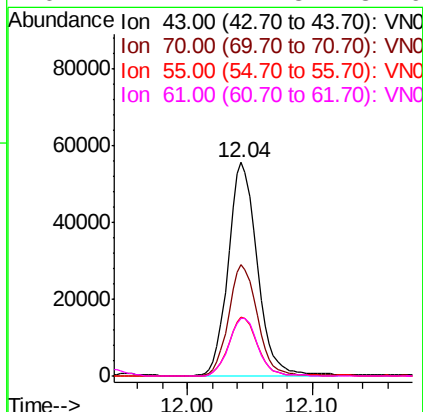
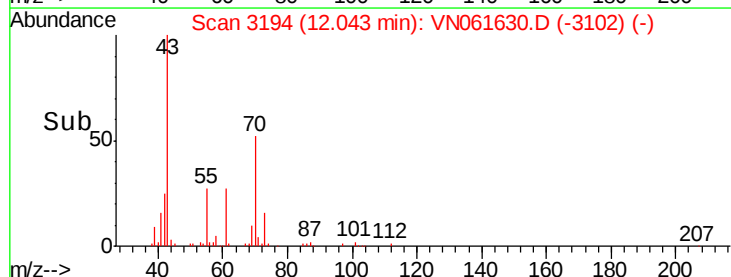
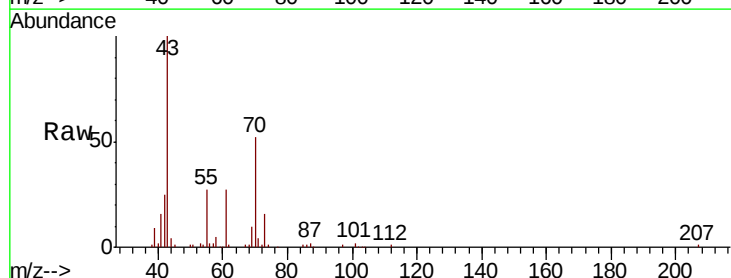
Ion Ratio Lower Upper

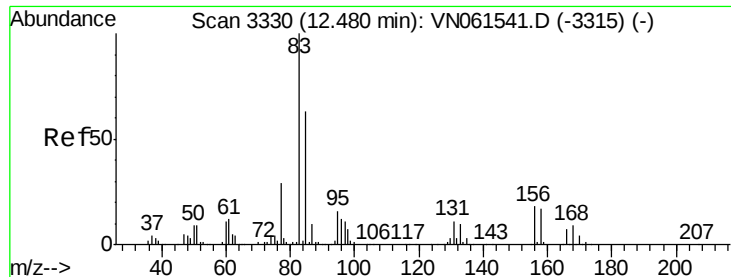
43 100

70 51.5 40.5 60.7

55 27.2 20.6 31.0

61 27.1 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.121 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

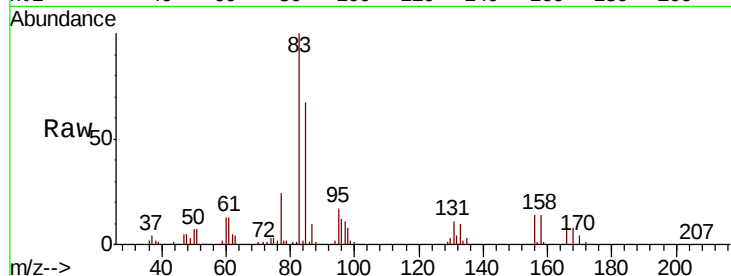
Tot Ion: 83 Resp: 85329

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.5

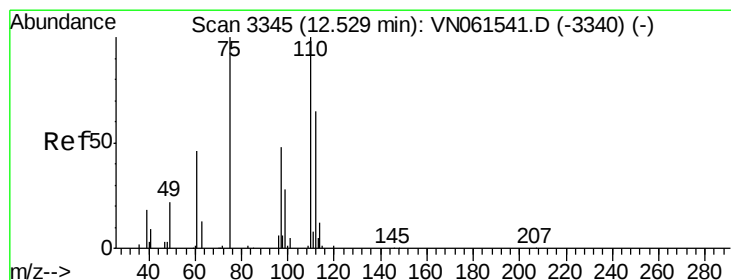
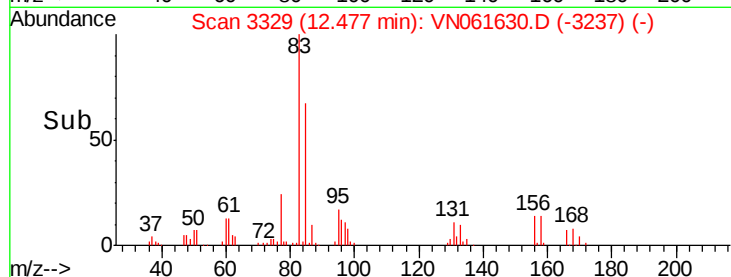
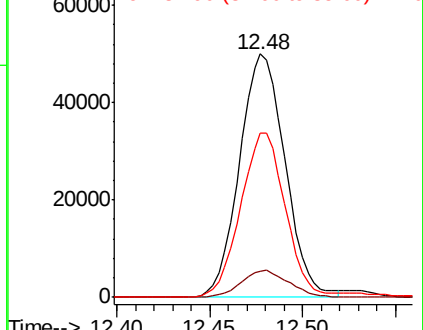
85 66.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 25.063 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061630.D

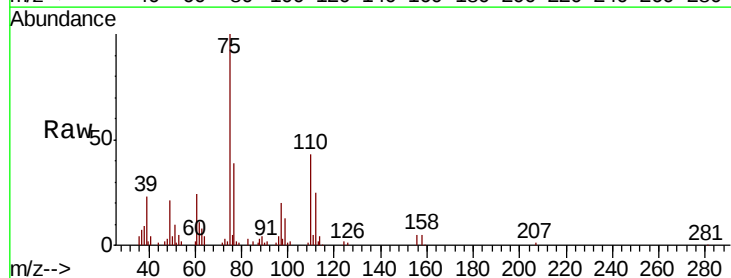
Acq: 3 Jun 2020 11:47

Tgt Ion: 75 Resp: 111051

Ion Ratio Lower Upper

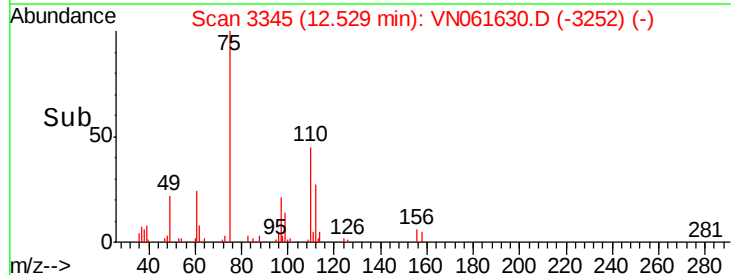
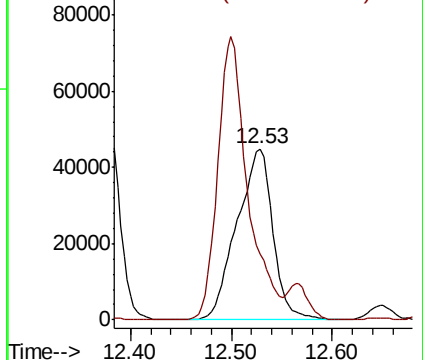
75 100

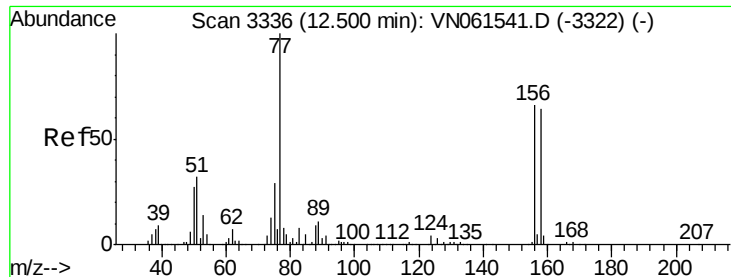
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)





#77

Bromobenzene

Concen: 18.935 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

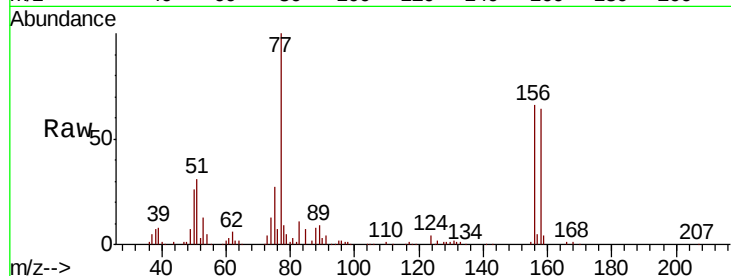
Tot Ion:156 Resp: 85958

Ion Ratio Lower Upper

156 100

77 179.5 90.9 272.7

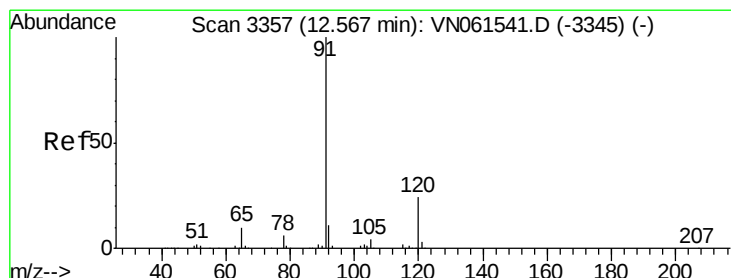
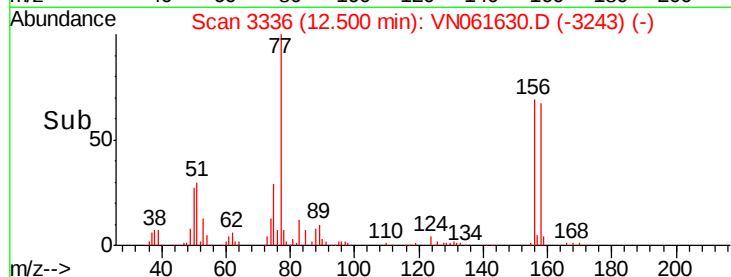
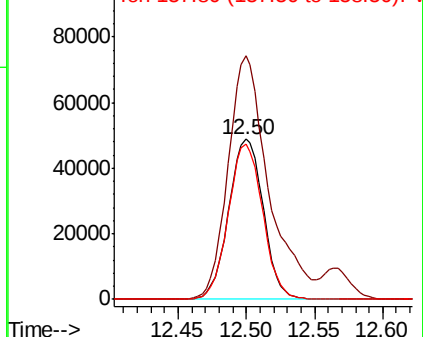
158 96.5 48.4 145.3



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: 18.733 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061630.D

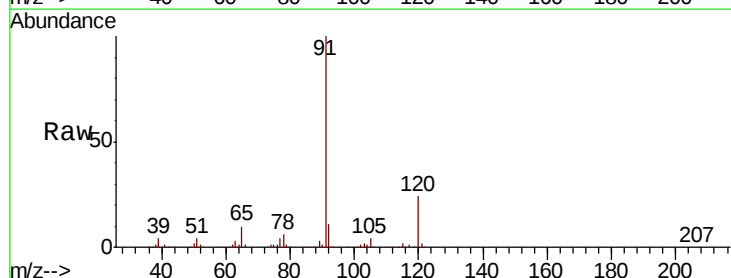
Acq: 3 Jun 2020 11:47

Tgt Ion: 91 Resp: 371927

Ion Ratio Lower Upper

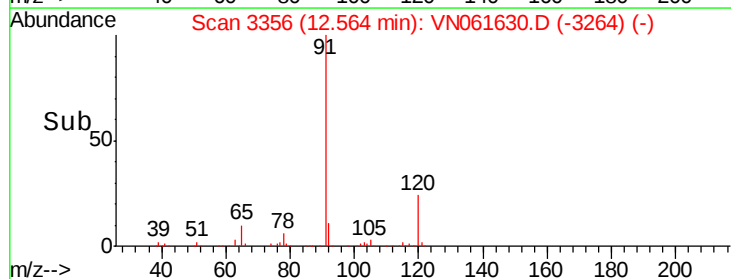
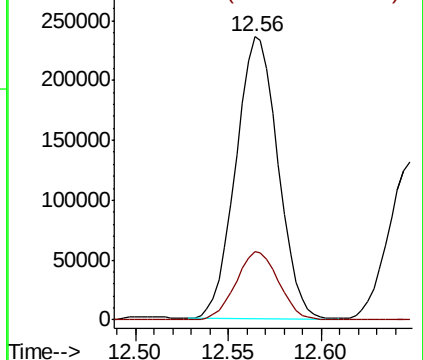
91 100

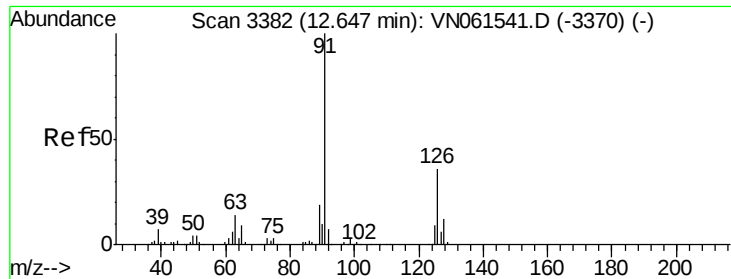
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

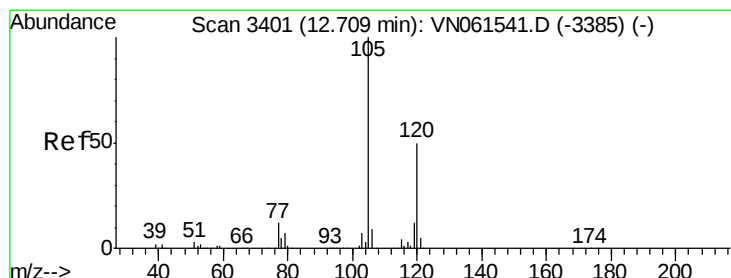
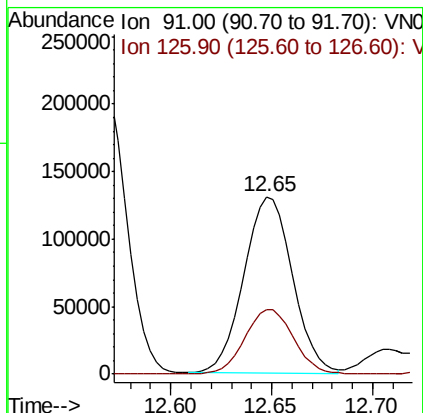
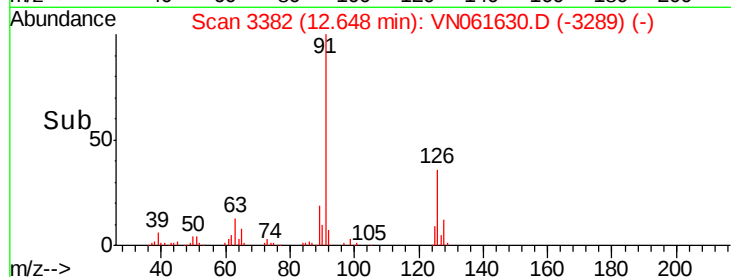
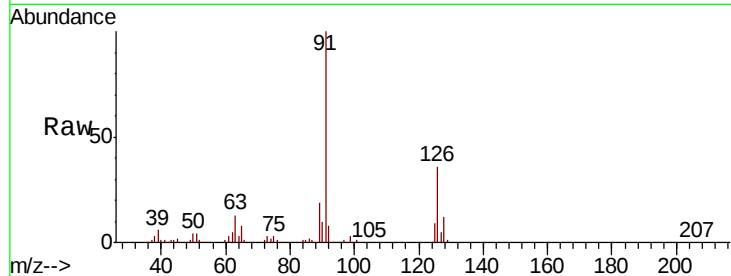




#79
 2-Chlorotoluene
 Concen: 18.630 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

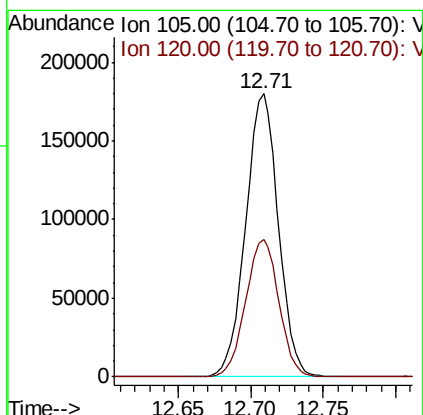
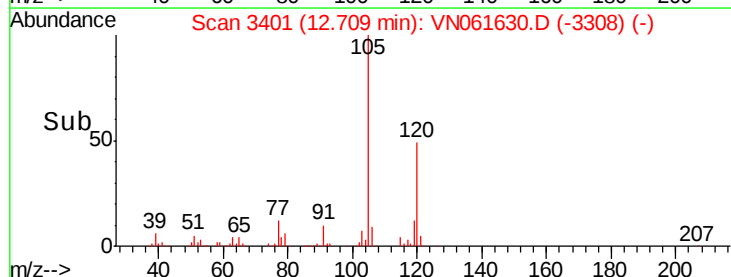
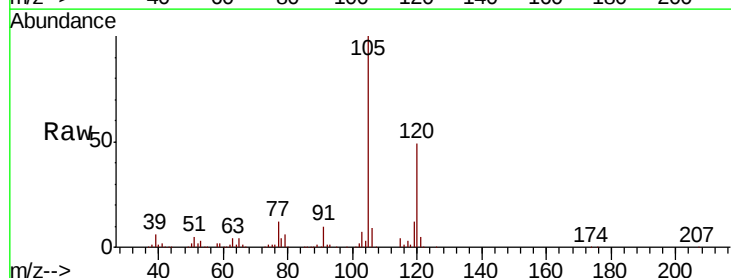
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

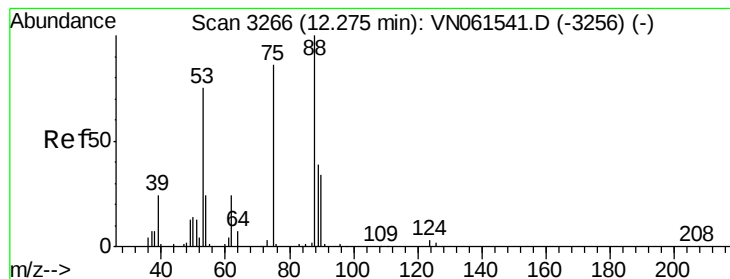
Tot Ion: 91 Resp: 220554
 Ion Ratio Lower Upper
 91 100
 126 36.9 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.984 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion: 105 Resp: 282184
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.754 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

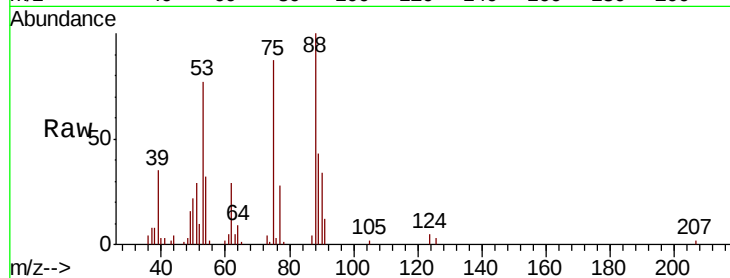
Tot Ion: 75 Resp: 27296

Ion Ratio Lower Upper

75 100

53 89.0 67.8 101.8

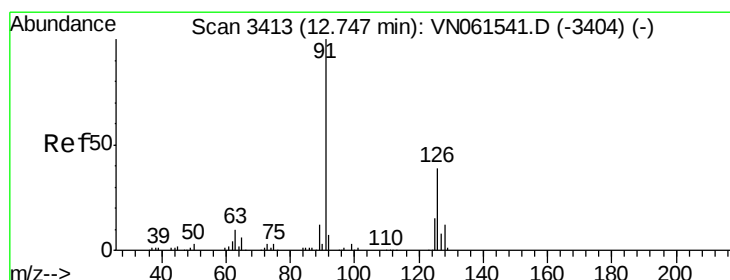
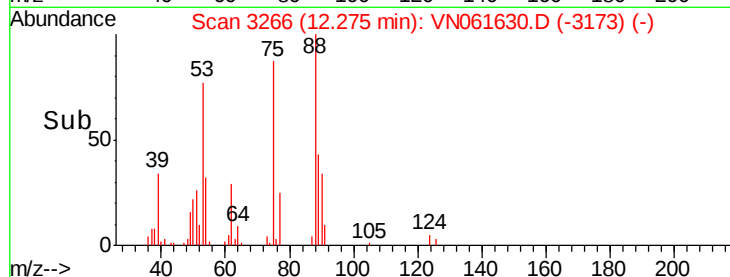
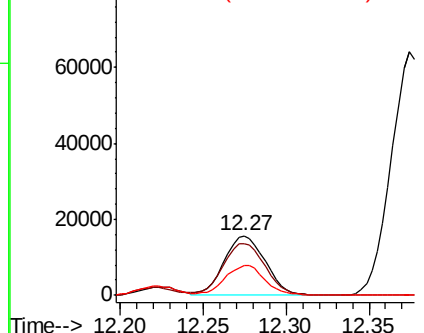
89 48.5 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061541.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061541.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 18.359 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061630.D

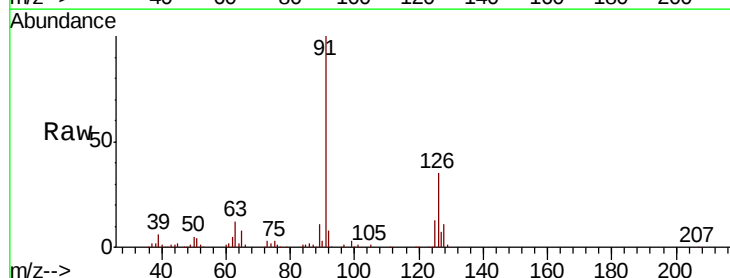
Acq: 3 Jun 2020 11:47

Tgt Ion: 91 Resp: 228653

Ion Ratio Lower Upper

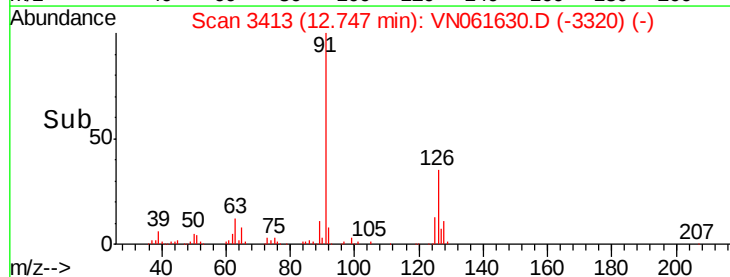
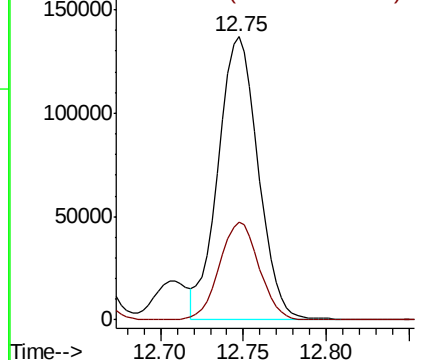
91 100

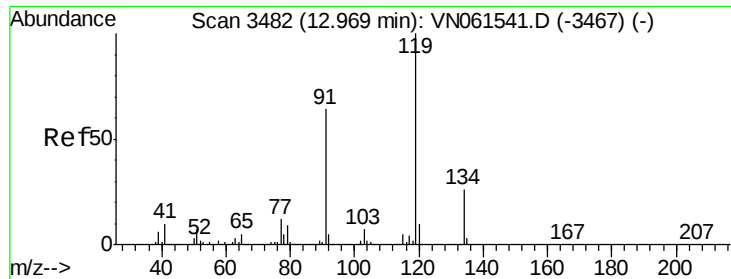
126 34.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3404) (-)

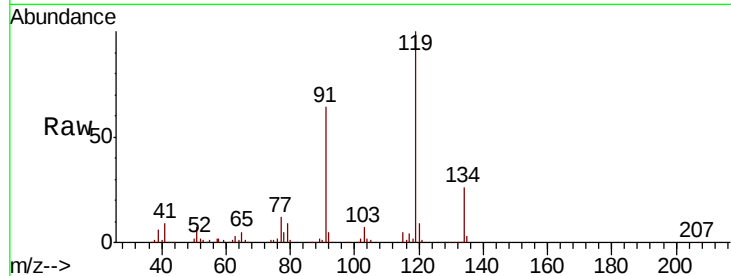




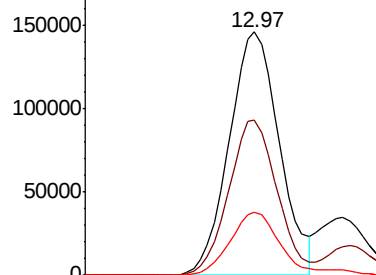
#83
tert-Butylbenzene
Concen: 18.464 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Instrument :
MSVOA_N
ClientSampled :
VN0603WBS01

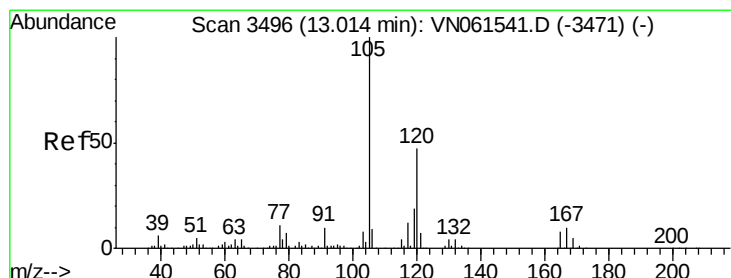
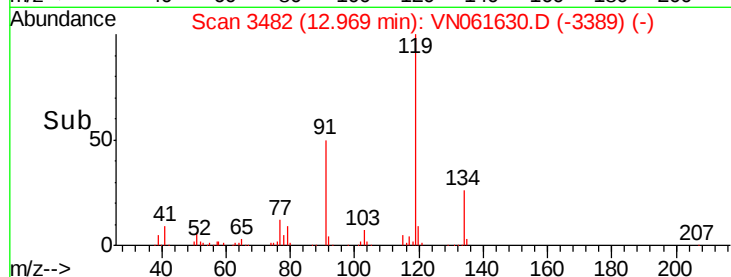
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	31.3	93.8
134	25.3	13.5	40.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

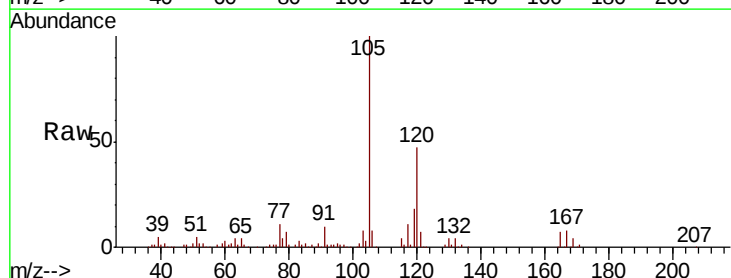


Time-->

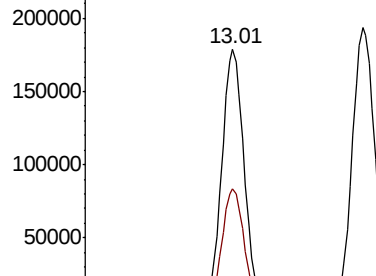


#84
1,2,4-Trimethylbenzene
Concen: 19.285 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

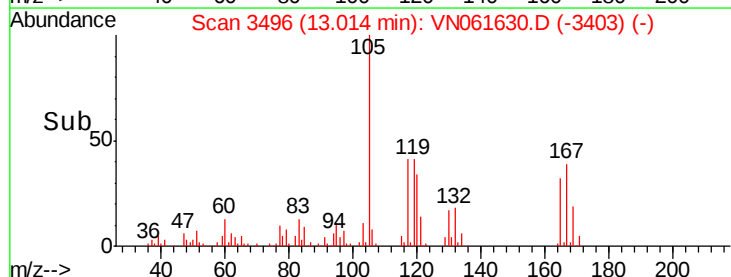
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.5

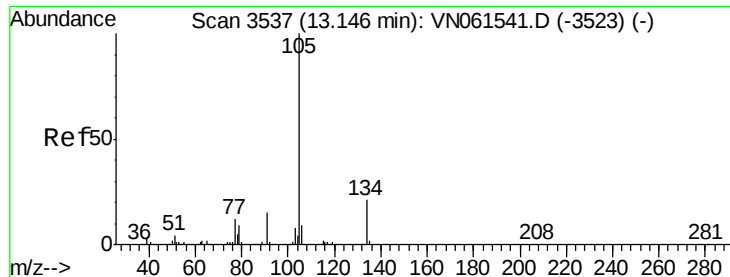


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 18.496 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampled :

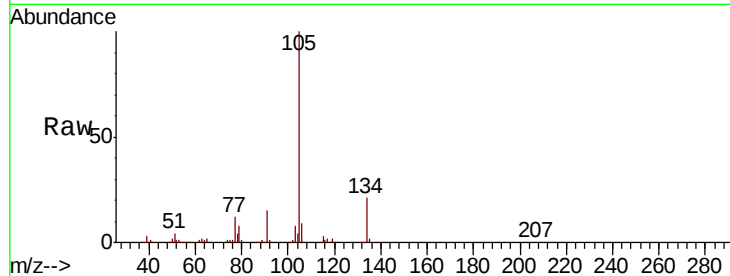
VN0603WBS01

Tot Ion:105 Resp: 313018

Ion Ratio Lower Upper

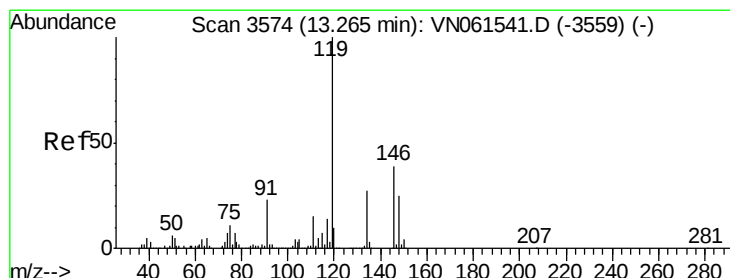
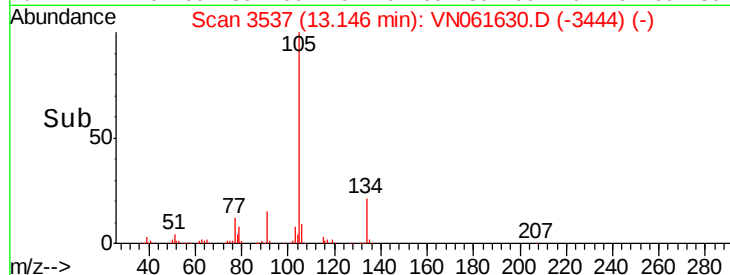
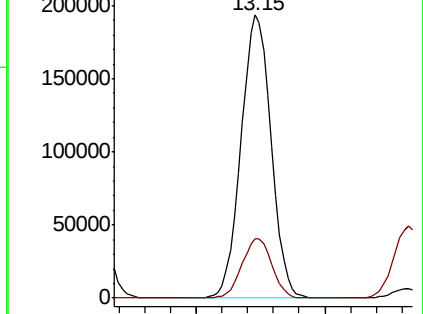
105 100

134 21.0 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: 18.374 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

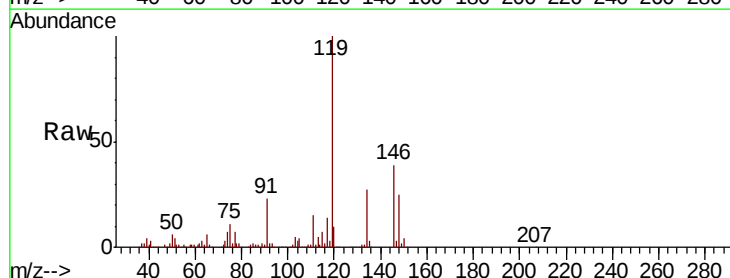
Tgt Ion:119 Resp: 286363

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

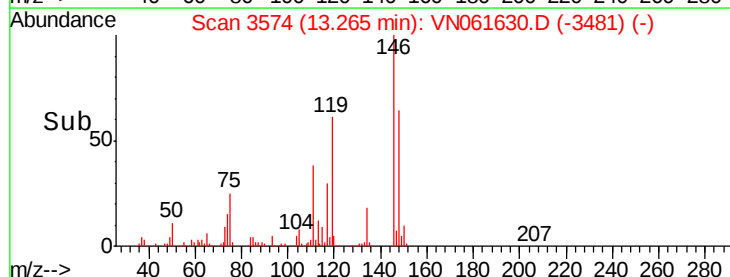
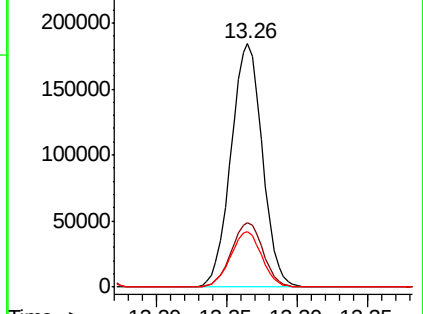
91 22.8 11.4 34.1

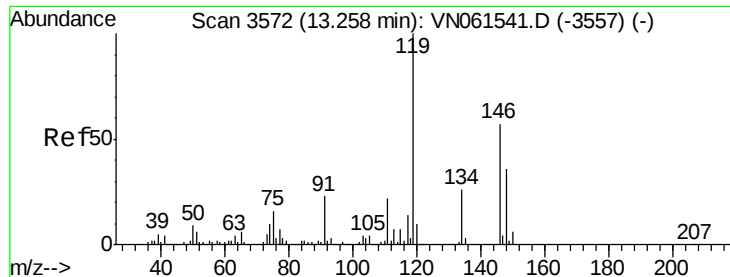


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

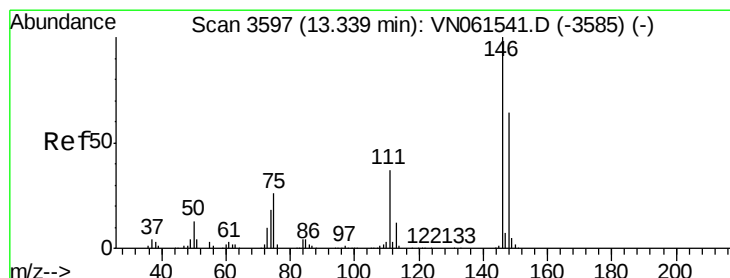
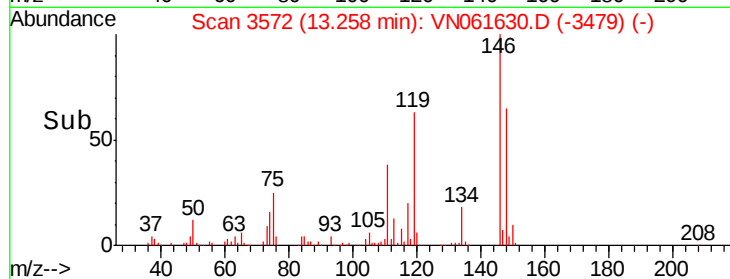
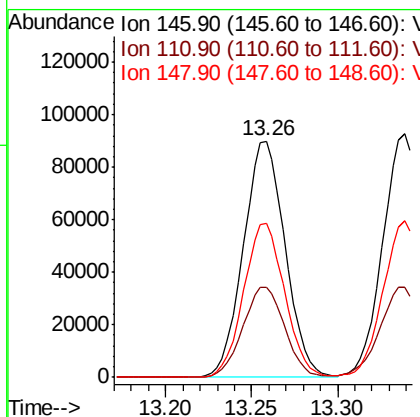
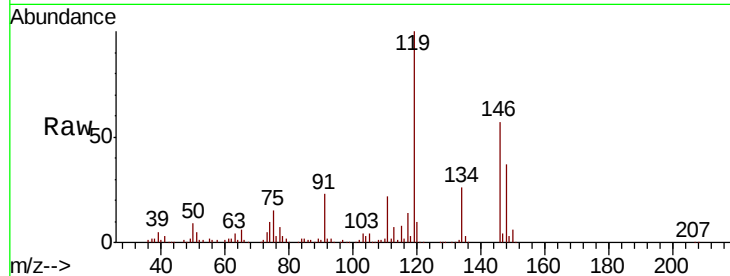




#87
 1,3-Dichlorobenzene
 Concen: 18.816 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

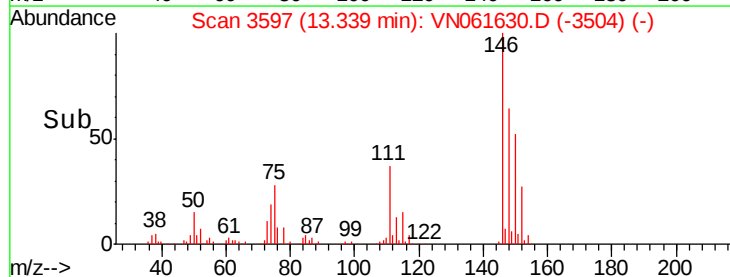
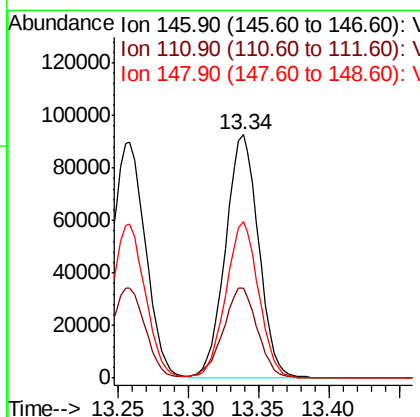
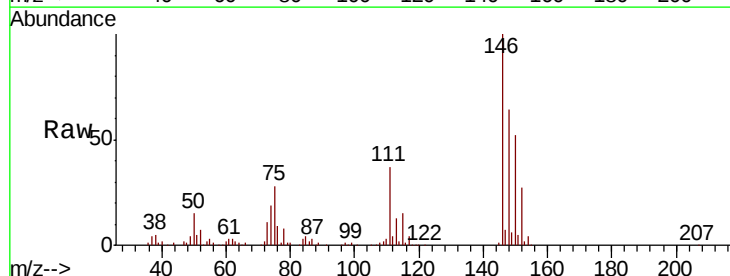
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

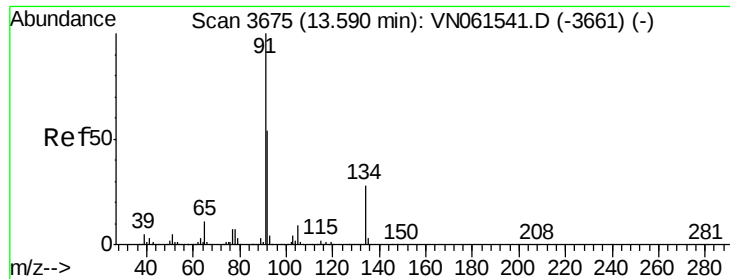
Tot Ion:146 Resp: 151256
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 64.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.502 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion:146 Resp: 151522
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 64.2 31.8 95.3





#89

n-Butylbenzene

Concen: 17.561 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061630.D

Acq: 3 Jun 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBS01

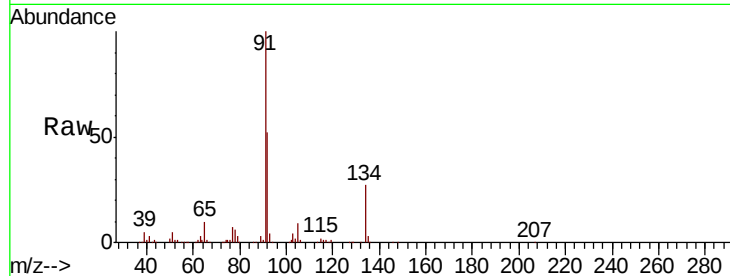
Tot Ion: 91 Resp: 229248

Ion Ratio Lower Upper

91 100

92 51.9 27.2 81.6

134 27.4 14.0 42.0

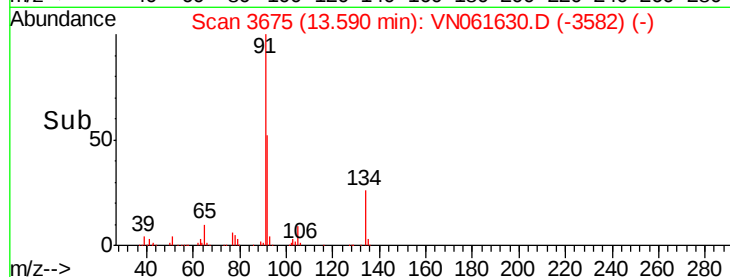


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

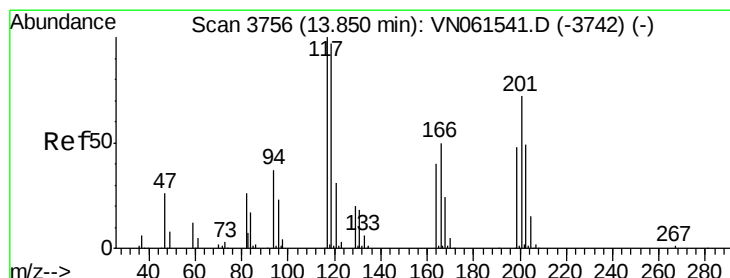
Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

Time--> 13.55 13.60 13.70



Time--> 13.55 13.60 13.70



#90

Hexachloroethane

Concen: 20.501 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061630.D

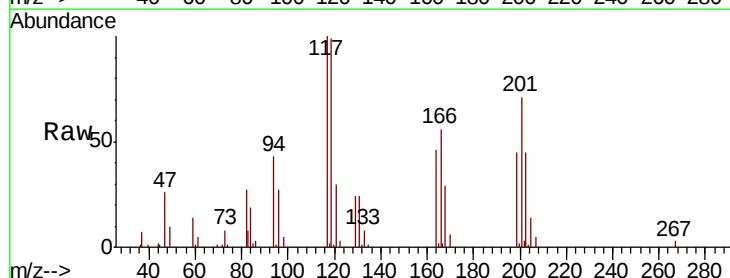
Acq: 3 Jun 2020 11:47

Tgt Ion: 117 Resp: 35335

Ion Ratio Lower Upper

117 100

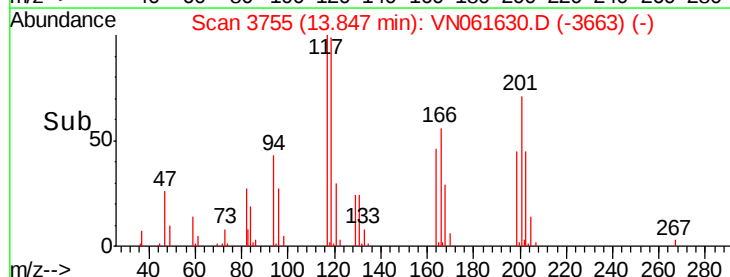
201 73.4 36.7 110.1



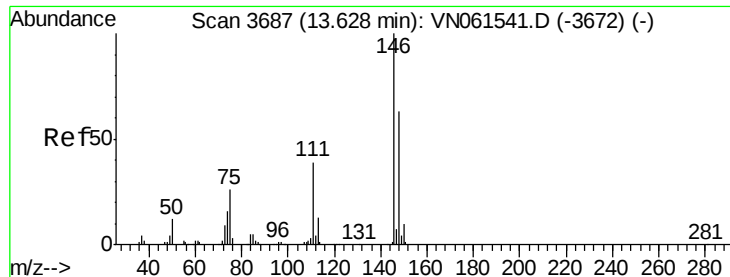
Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

Time--> 13.80 13.85 13.90



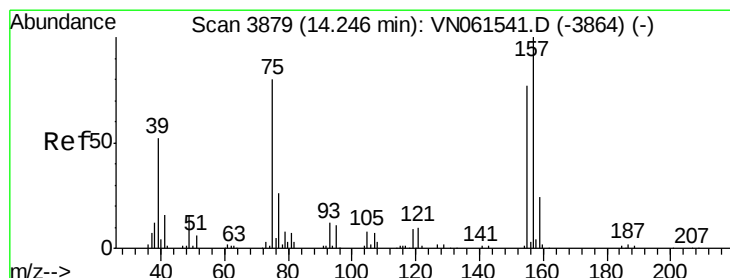
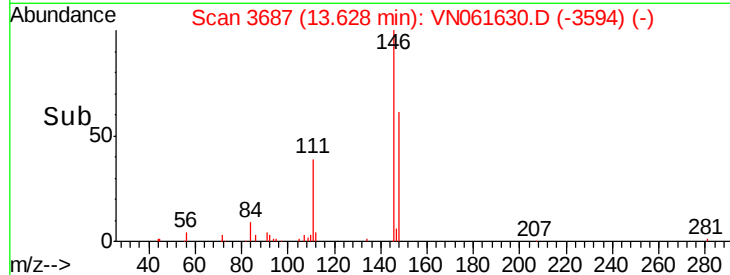
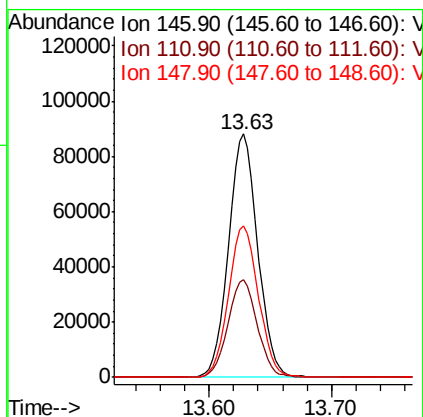
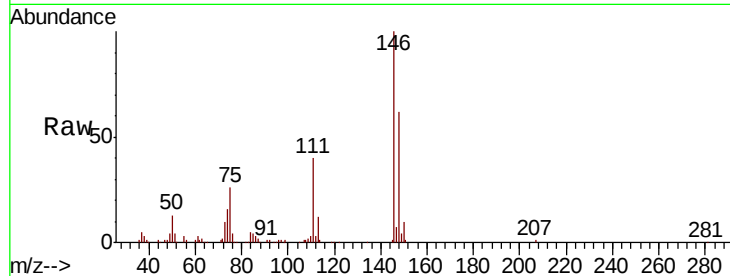
Time--> 13.80 13.85 13.90



#91
 1,2-Dichlorobenzene
 Concen: 19.159 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

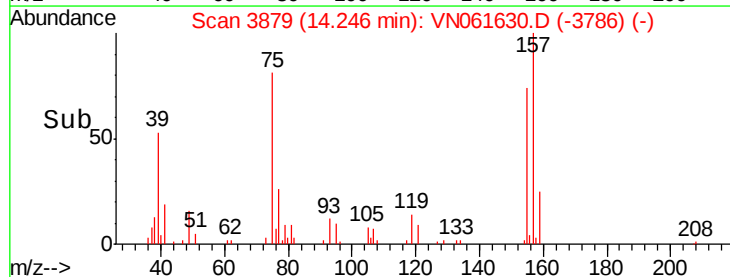
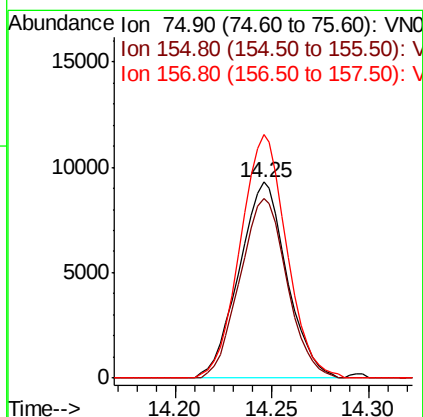
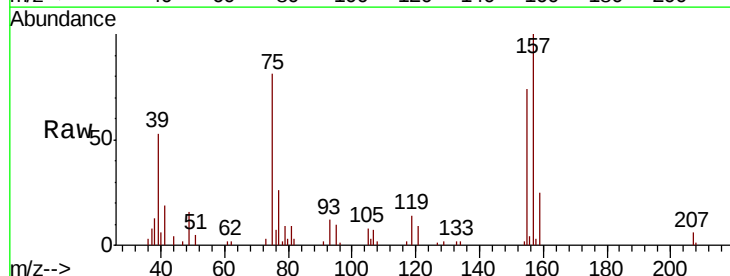
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

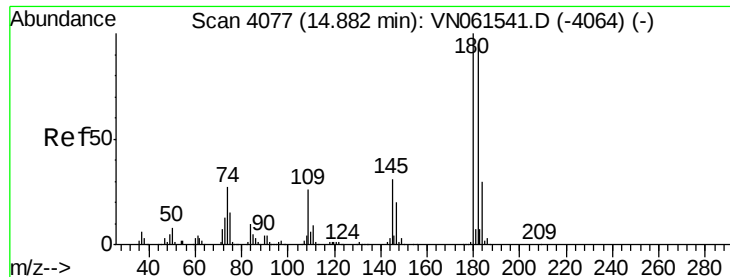
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.720 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	47.1	141.4
157	120.4	60.3	180.8

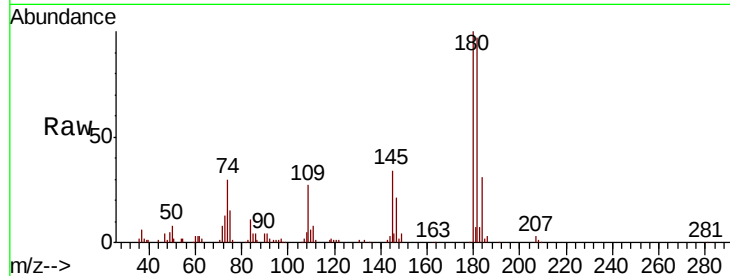




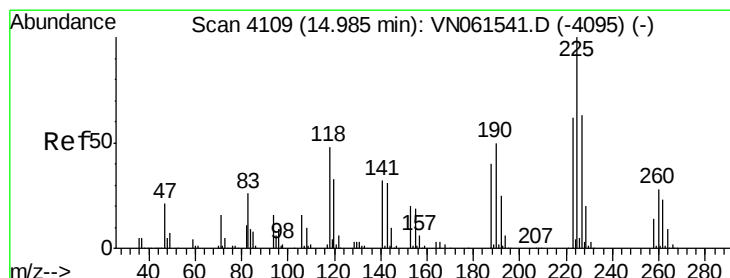
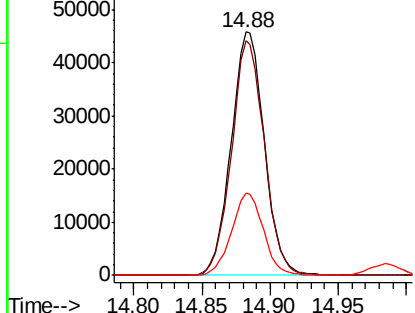
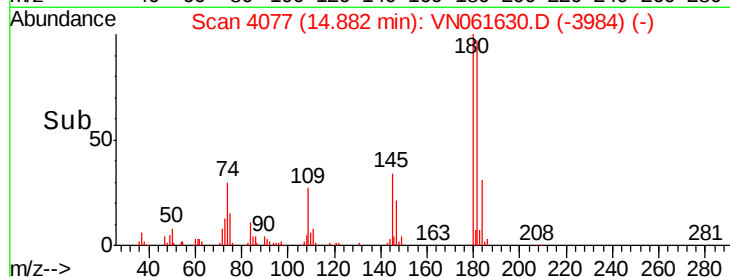
#93
 1,2,4-Trichlorobenzene
 Concen: 17.153 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

Tot Ion:180 Resp: 77068
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.3
 145 32.3 15.5 46.5

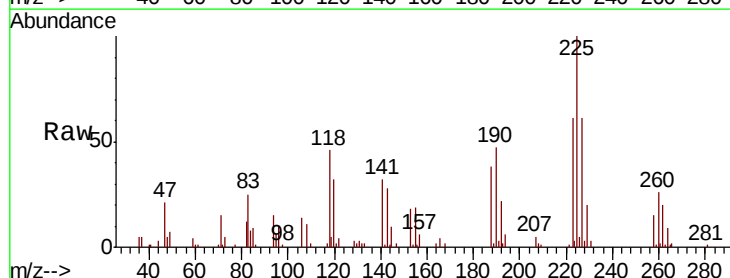


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

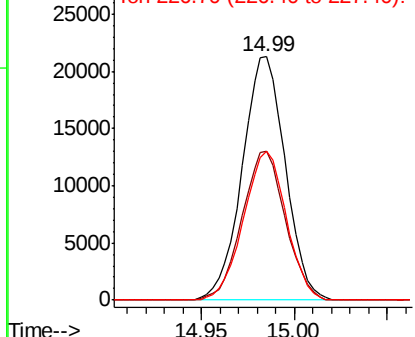
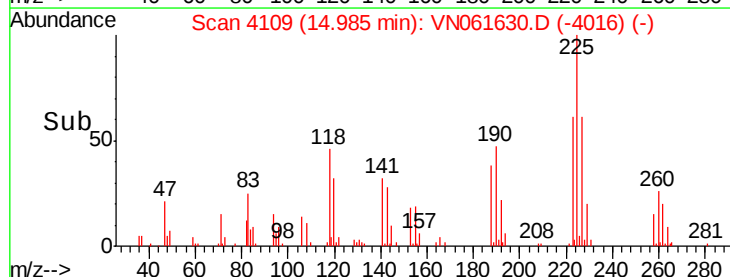


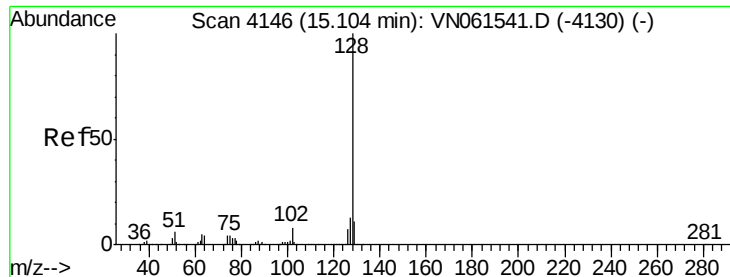
#94
 Hexachlorobutadiene
 Concen: 18.011 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061630.D
 Acq: 3 Jun 2020 11:47

Tgt Ion:225 Resp: 34513
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.9 95.5
 227 60.7 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

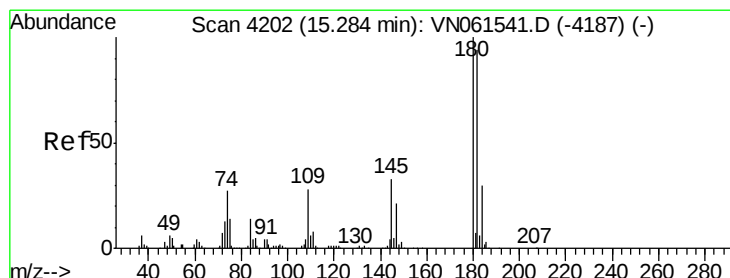
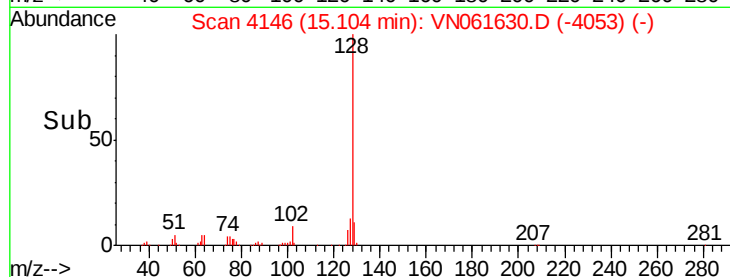
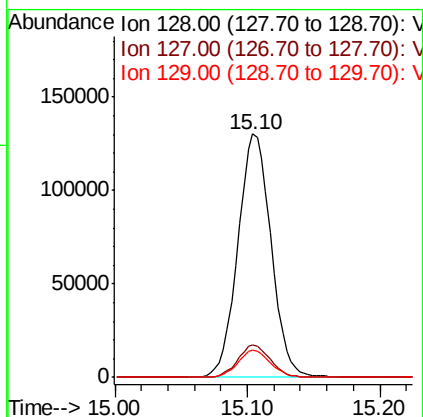
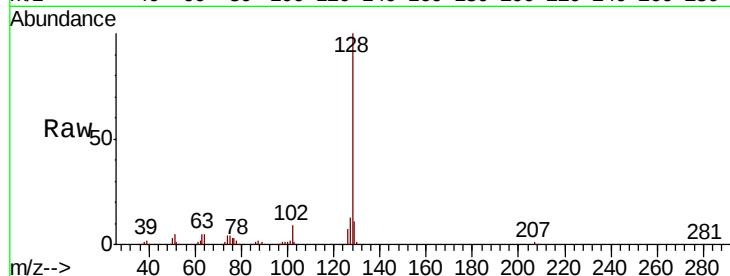




#95
Naphthalene
Concen: 16.532 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBS01

Tot Ion:128 Resp: 226079
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 17.648 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061630.D
Acq: 3 Jun 2020 11:47

Tgt Ion:180 Resp: 77959
Ion Ratio Lower Upper
180 100
182 97.5 47.1 141.3
145 33.2 16.3 48.9

