

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063077.D
 Acq On : 21 Aug 2020 13:48
 Operator : JC/MD
 Sample : VN0821WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Quant Time: Aug 22 01:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	163444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	245787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107463	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99160	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.55	113	81826	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.06	98	308953	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.38	95	105879	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	41699	19.696	ug/l	99
3) Chloromethane	2.03	50	46710	20.843	ug/l	99
4) Vinyl Chloride	2.16	62	46476	21.444	ug/l	98
5) Bromomethane	2.53	94	27279	21.206	ug/l	99
6) Chloroethane	2.67	64	27559	21.537	ug/l	100
7) Trichlorofluoromethane	2.98	101	56291	20.827	ug/l	96
8) Diethyl Ether	3.38	74	18038	18.865	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28183	19.351	ug/l	98
10) Methyl Iodide	3.91	142	34607	18.747	ug/l	99
11) Tert butyl alcohol	4.73	59	22450	81.820	ug/l	97
12) 1,1-Dichloroethene	3.70	96	25140	18.121	ug/l	97
13) Acrolein	3.57	56	4438	51.630	ug/l	97
14) Allyl chloride	4.27	41	45809	18.727	ug/l	99
15) Acrylonitrile	4.93	53	79543	98.631	ug/l	99
16) Acetone	3.78	43	65288	105.818	ug/l	95
17) Carbon Disulfide	4.01	76	65704	18.083	ug/l	100
18) Methyl Acetate	4.28	43	37850	19.662	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	95158	19.667	ug/l	97
20) Methylene Chloride	4.51	84	35096	19.741	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	28281	19.479	ug/l	96
22) Diisopropyl ether	5.91	45	116235	20.939	ug/l	95
23) Vinyl Acetate	5.85	43	354108	94.532	ug/l	100
24) 1,1-Dichloroethane	5.80	63	62247	20.067	ug/l	98
25) 2-Butanone	6.79	43	97466	94.773	ug/l	96
26) 2,2-Dichloropropane	6.78	77	50115	20.543	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	35144	19.312	ug/l	99
28) Bromochloromethane	7.15	49	31154	19.195	ug/l	97
29) Tetrahydrofuran	7.17	42	65254	98.312	ug/l	97
30) Chloroform	7.33	83	62823	20.109	ug/l	99
31) Cyclohexane	7.62	56	53740	18.823	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	50943	19.974	ug/l	99
36) 1,1-Dichloropropene	7.75	75	41063	18.958	ug/l	99
37) Ethyl Acetate	6.88	43	39850	19.635	ug/l	98
38) Carbon Tetrachloride	7.73	117	42930	19.632	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48079	17.490	ug/l	96
40) Benzene	8.00	78	134380	19.561	ug/l	100
41) Methacrylonitrile	7.13	41	16255	16.810	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	47540	20.610	ug/l	86
43) Isopropyl Acetate	8.13	43	64845	19.285	ug/l #	92
44) Trichloroethene	8.80	130	32753	19.167	ug/l	98
45) 1,2-Dichloropropane	9.08	63	39155	19.718	ug/l	99
46) Dibromomethane	9.17	93	23178	20.204	ug/l	98
47) Bromodichloromethane	9.37	83	50689	20.174	ug/l	99
48) Methyl methacrylate	9.17	41	29699	18.668	ug/l	99
49) 1,4-Dioxane	9.17	88	10412	308.158	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	209293	98.476	ug/l	98
52) Toluene	10.12	92	81994	19.786	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	50999	19.628	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	55734	19.554	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	35890	20.254	ug/l	99
56) Ethyl methacrylate	10.40	69	45980	17.957	ug/l	95
57) 1,3-Dichloropropane	10.68	76	58106	19.747	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	41243	71.161	ug/l	98
59) 2-Hexanone	10.72	43	142698	96.257	ug/l	98
60) Dibromochloromethane	10.87	129	38771	19.771	ug/l	100
61) 1,2-Dibromoethane	10.98	107	34107	20.032	ug/l	100
64) Tetrachloroethene	10.60	164	29473	19.009	ug/l	97
65) Chlorobenzene	11.41	112	90085	19.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	35414	19.220	ug/l	98
67) Ethyl Benzene	11.49	91	150362	18.785	ug/l	99
68) m/p-Xylenes	11.60	106	115708	38.894	ug/l	100
69) o-Xylene	11.92	106	53883	18.861	ug/l	97
70) Styrene	11.94	104	96001	18.206	ug/l	99
71) Bromoform	12.10	173	28337	19.321	ug/l #	99
73) Isopropylbenzene	12.23	105	147891	20.096	ug/l	99
74) N-amyl acetate	12.05	43	52904	20.072	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53528	21.584	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	61819	29.595	ug/l #	100
77) Bromobenzene	12.50	156	41045	20.280	ug/l	99
78) n-propylbenzene	12.57	91	173536	20.688	ug/l	99
79) 2-Chlorotoluene	12.65	91	105412	19.980	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	125356	20.606	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	15799	20.773	ug/l	97
82) 4-Chlorotoluene	12.75	91	109483	20.379	ug/l	100
83) tert-Butylbenzene	12.97	119	105876	20.165	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	120772	20.378	ug/l	100
85) sec-Butylbenzene	13.15	105	143799	20.265	ug/l	99
86) p-Isopropyltoluene	13.26	119	121695	19.682	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68478	19.687	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69201	19.601	ug/l	99
89) n-Butylbenzene	13.59	91	94286	17.968	ug/l	99
90) Hexachloroethane	13.85	117	26145	19.894	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	68152	20.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7979	21.529	ug/l	97

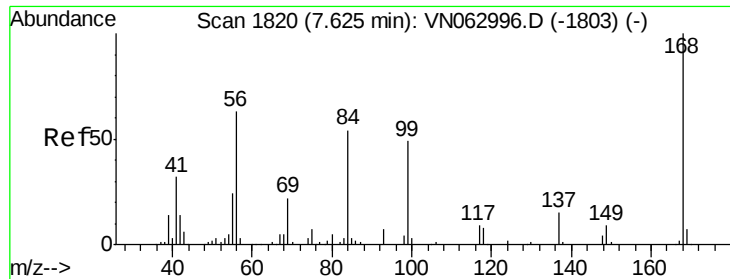
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27447	17.943	ug/l	97
94) Hexachlorobutadiene	14.99	225	22864	18.415	ug/l	98
95) Naphthalene	15.11	128	58241	17.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27228	17.696	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

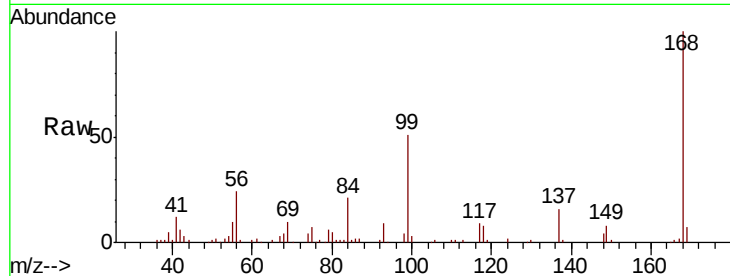
VN0821WBS02

Tot Ion:168 Resp: 163444

Ion Ratio Lower Upper

168 100

99 50.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

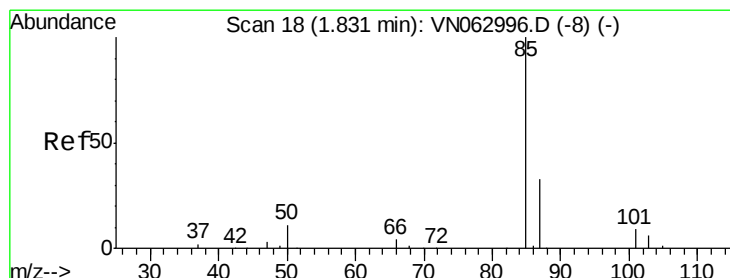
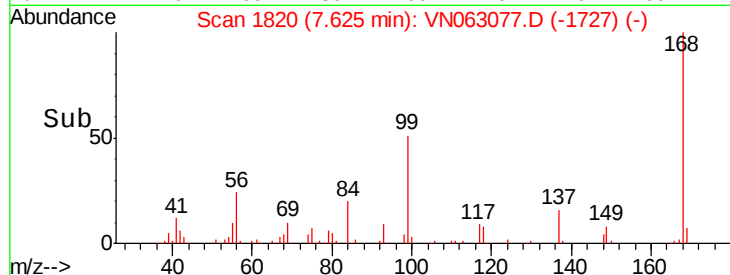
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.696 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063077.D

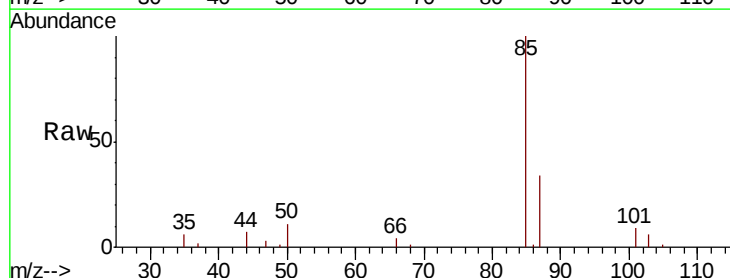
Acq: 21 Aug 2020 13:48

Tgt Ion: 85 Resp: 41699

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

20000

10000

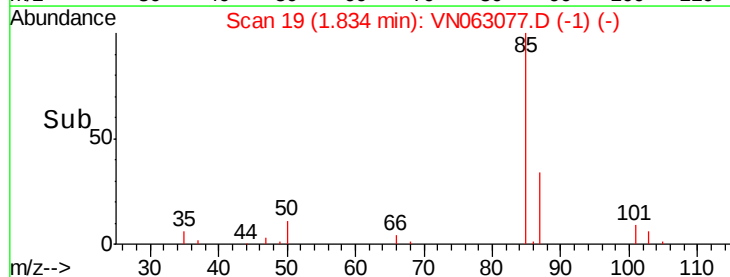
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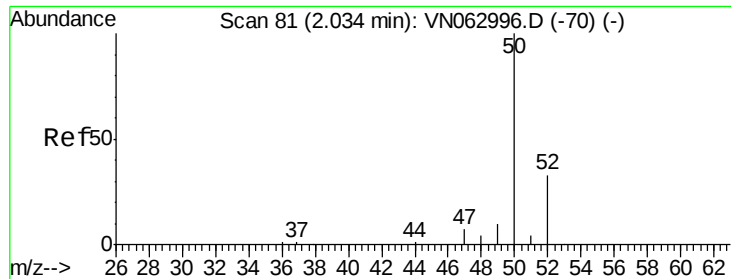
1.80

1.85

1.90

Time-->

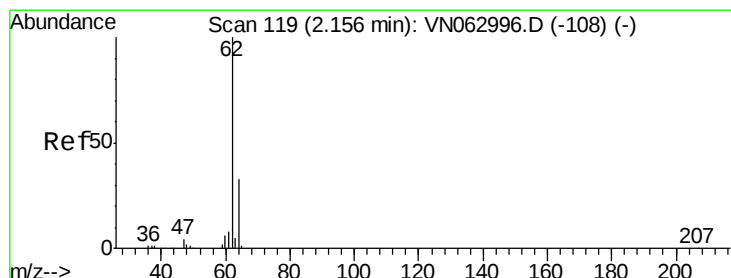
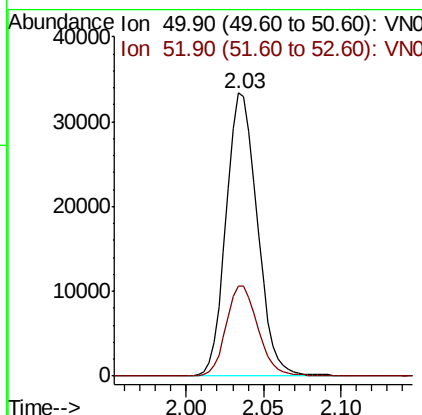
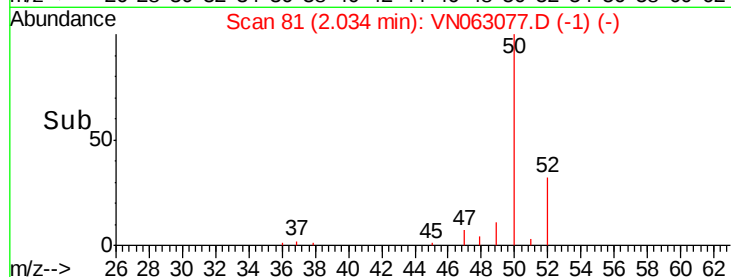
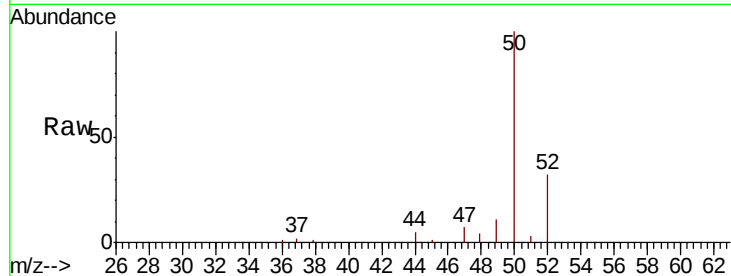




#3
 Chloromethane
 Concen: 20.843 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

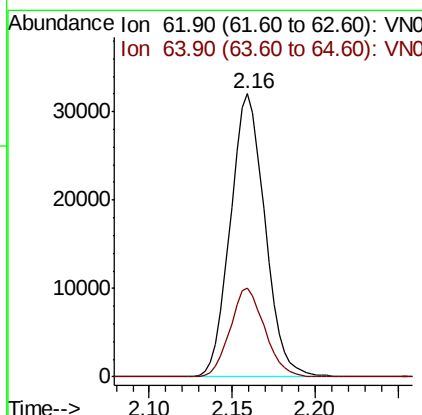
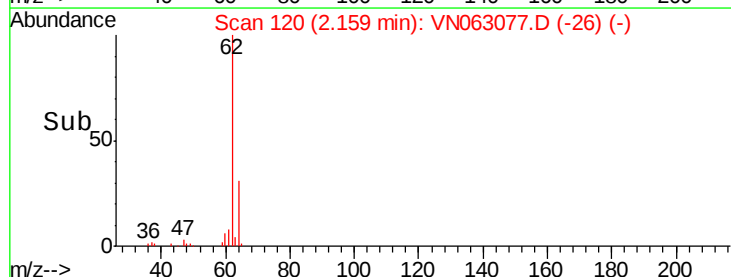
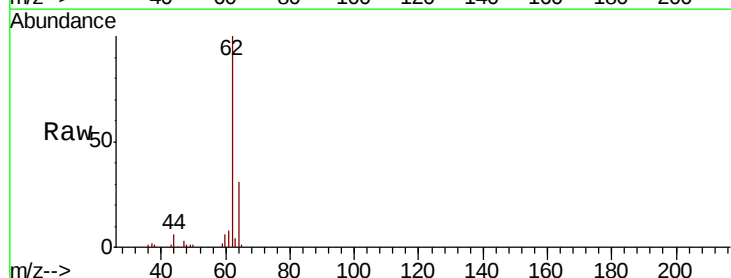
Instrument :
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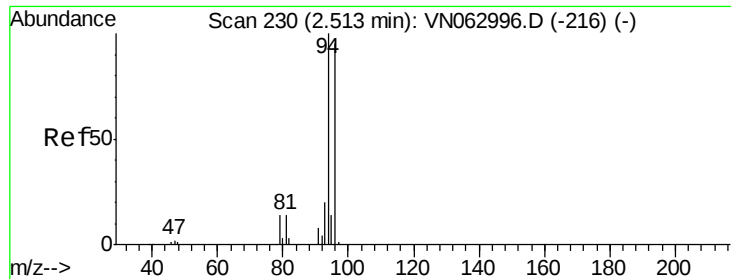
Tot Ion: 50 Resp: 46710
 Ion Ratio Lower Upper
 50 100
 52 32.0 26.0 39.0



#4
 Vinyl Chloride
 Concen: 21.444 ug/l
 RT: 2.16 min Scan# 120
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 62 Resp: 46476
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.2 39.2





#5

Bromomethane

Concen: 21.206 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

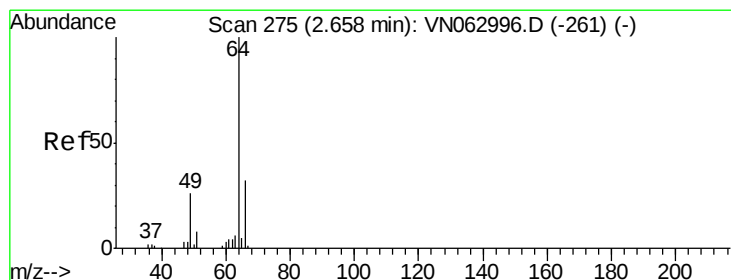
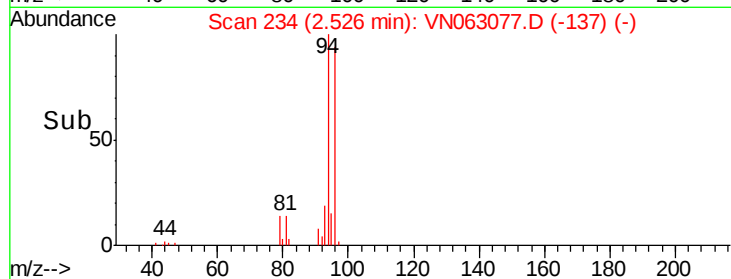
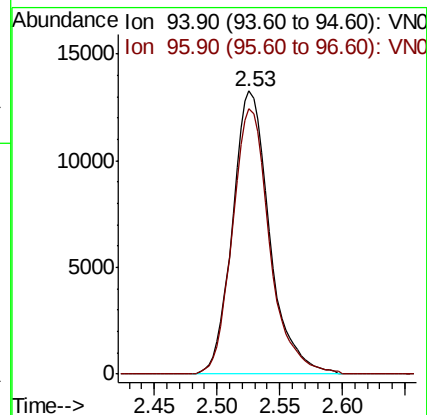
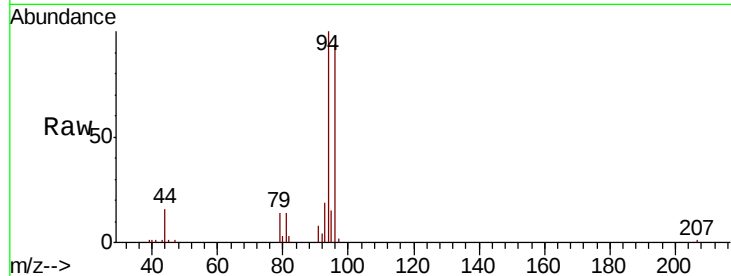
VN0821WBS02

Tot Ion: 94 Resp: 27279

Ion Ratio Lower Upper

94 100

96 93.6 75.8 113.8



#6

Chloroethane

Concen: 21.537 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN063077.D

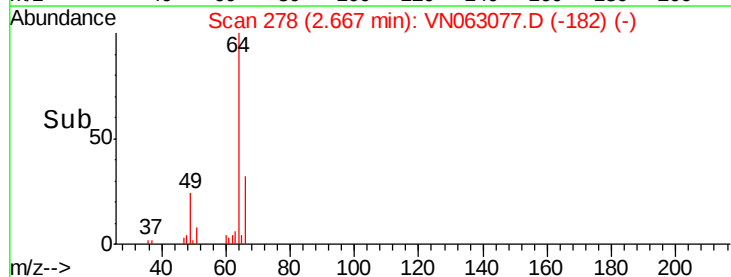
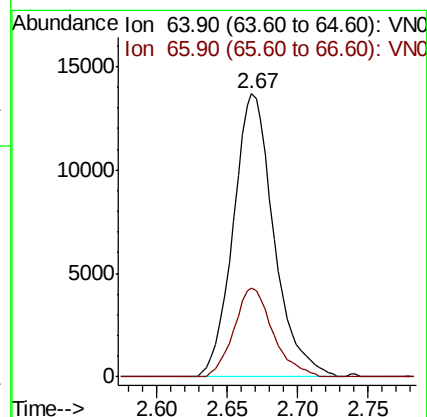
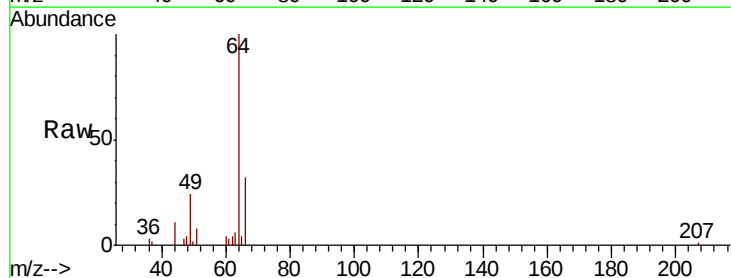
Acq: 21 Aug 2020 13:48

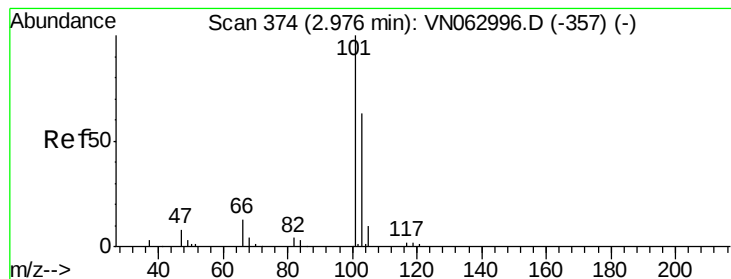
Tgt Ion: 64 Resp: 27559

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0



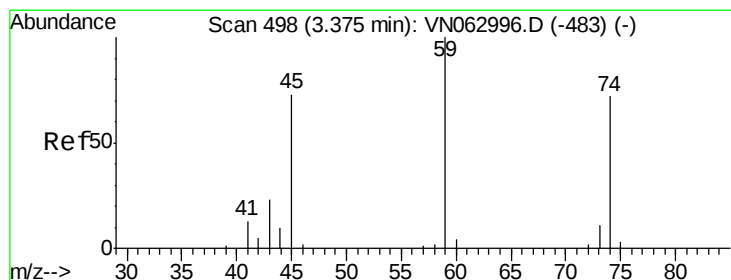
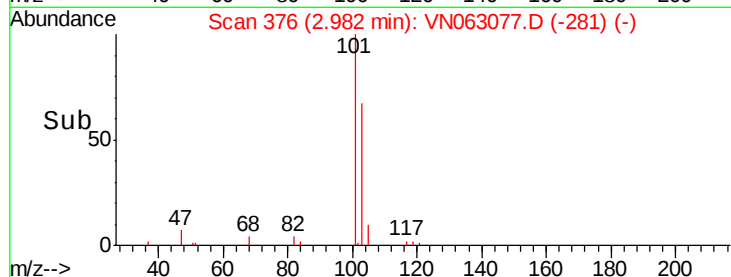
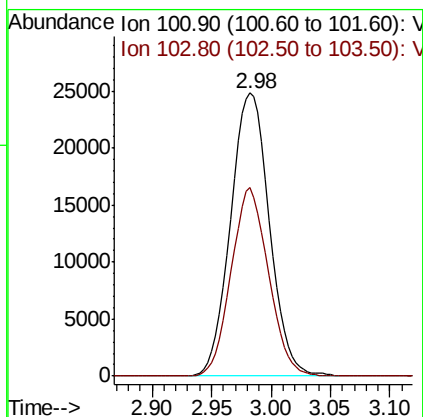
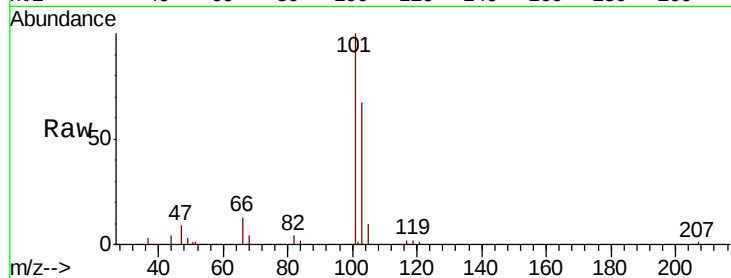


#7

Trichlorofluoromethane
 Concen: 20.827 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.01 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

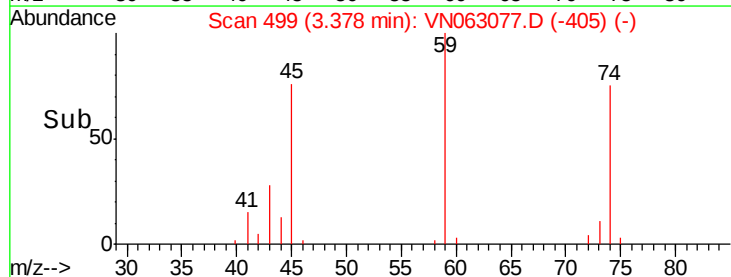
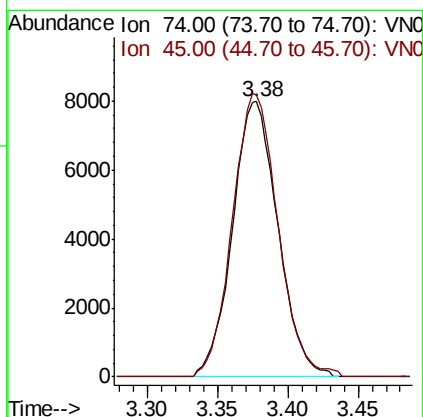
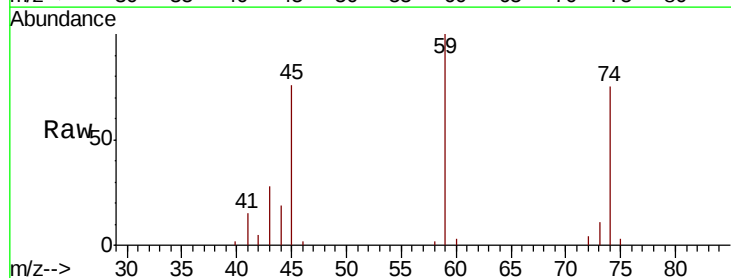
Tot Ion:101 Resp: 56291
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.5 75.7

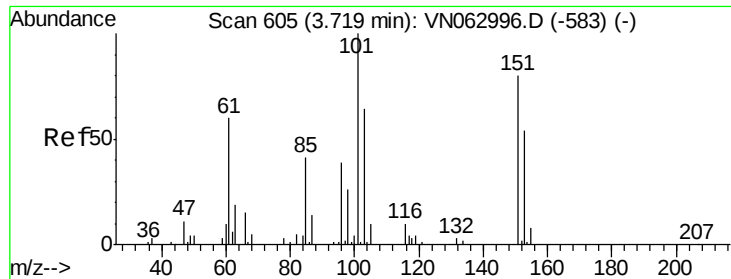


#8

Diethyl Ether
 Concen: 18.865 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 74 Resp: 18038
 Ion Ratio Lower Upper
 74 100
 45 103.0 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.351 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

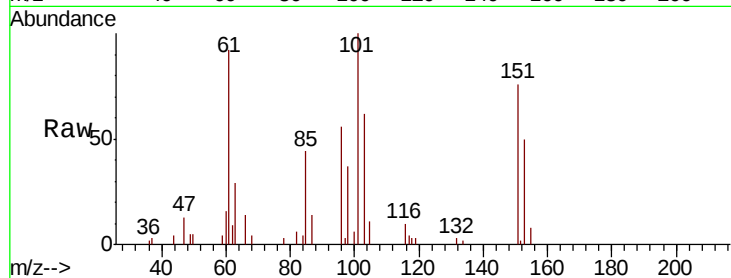
Tot Ion:101 Resp: 28183

Ion Ratio Lower Upper

101 100

85 44.2 34.0 51.0

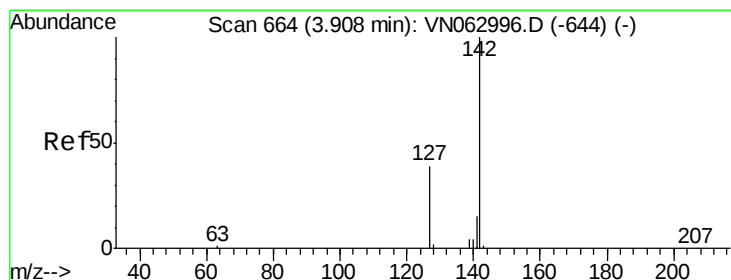
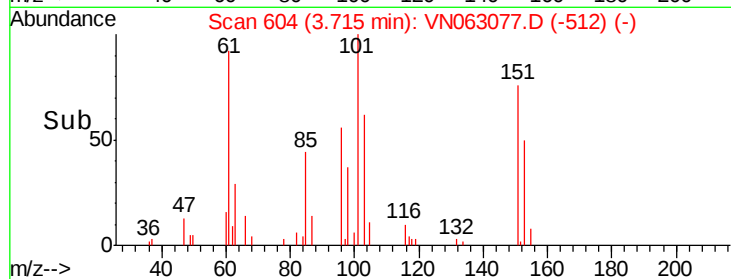
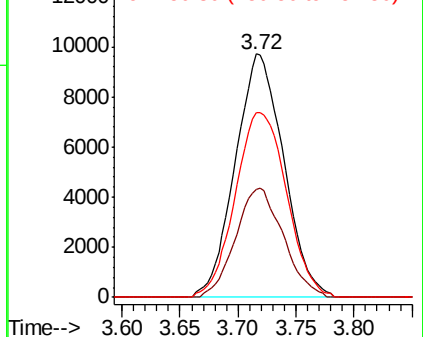
151 80.1 65.8 98.8



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: 18.747 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

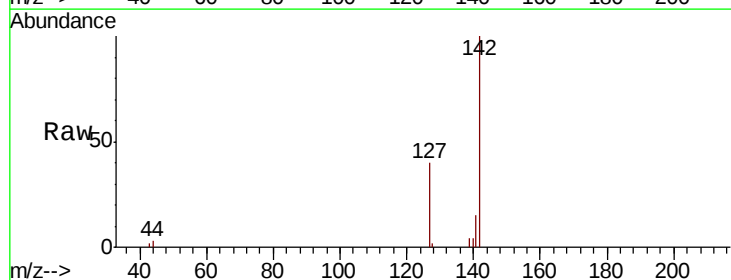
Tgt Ion:142 Resp: 34607

Ion Ratio Lower Upper

142 100

127 41.2 32.2 48.4

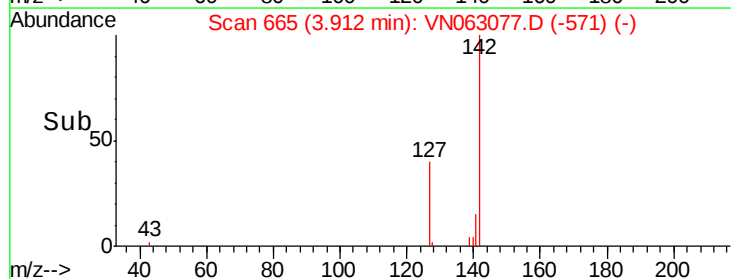
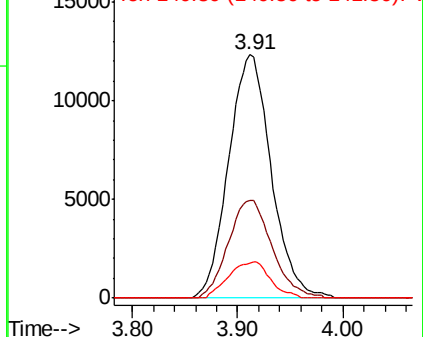
141 14.7 11.3 16.9

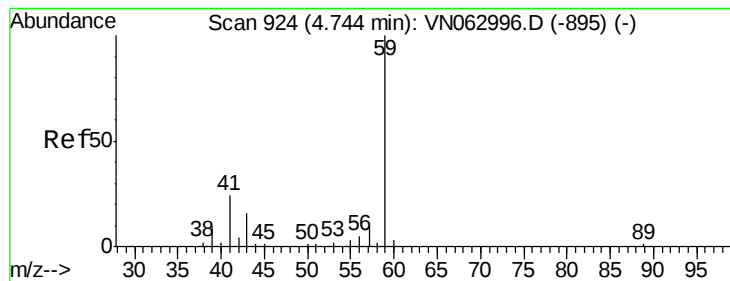


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



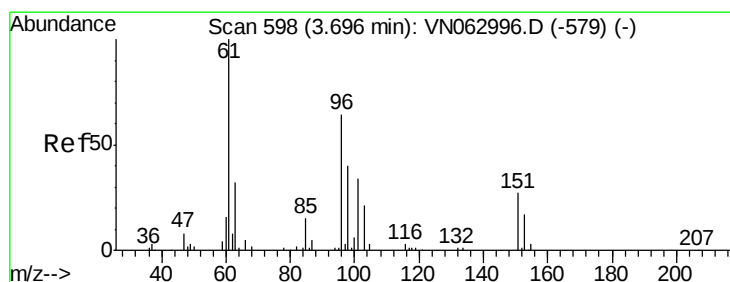
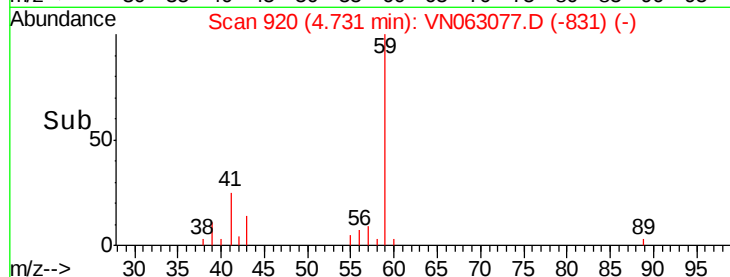
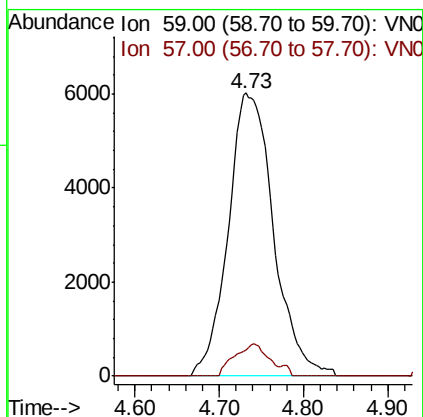
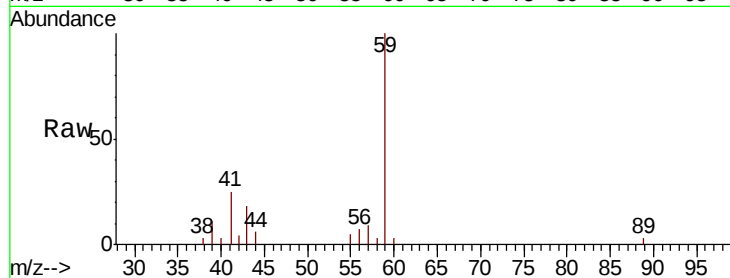


#11

Tert butyl alcohol
 Concen: 81.820 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

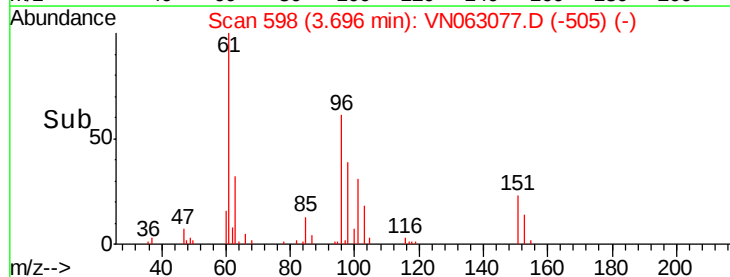
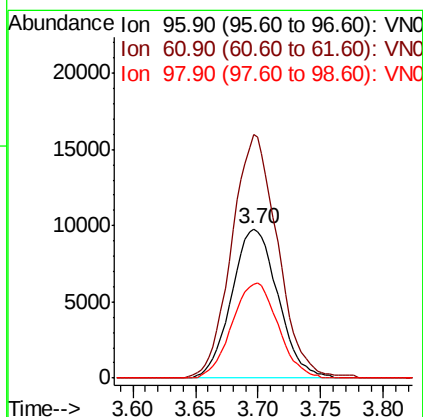
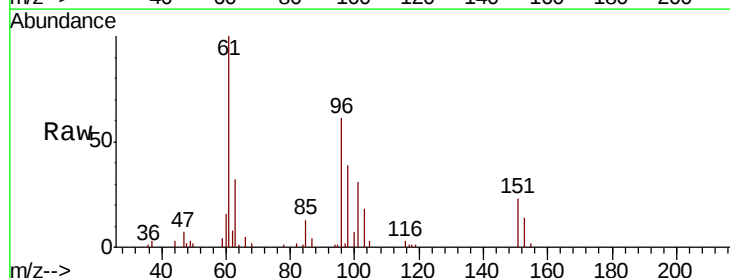
Tot Ion: 59 Resp: 22450
 Ion Ratio Lower Upper
 59 100
 57 8.5 7.8 11.6

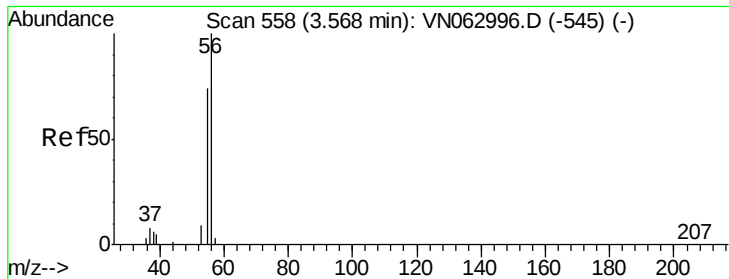


#12

1,1-Dichloroethene
 Concen: 18.121 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 96 Resp: 25140
 Ion Ratio Lower Upper
 96 100
 61 161.8 125.5 188.3
 98 62.9 50.4 75.6





#13

Acrolein

Concen: 51.630 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

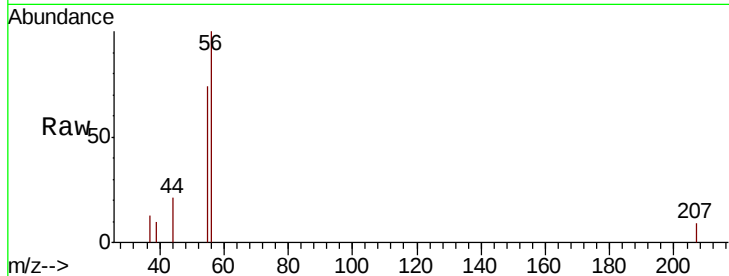
VN0821WBS02

Tot Ion: 56 Resp: 4438

Ion Ratio Lower Upper

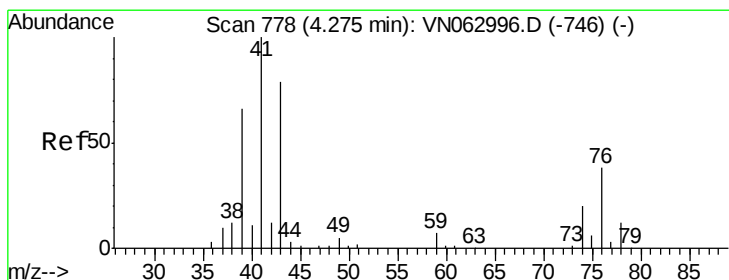
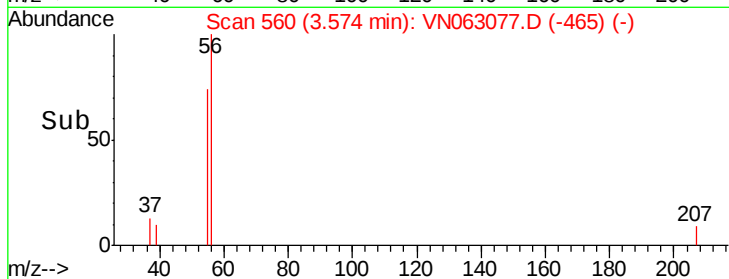
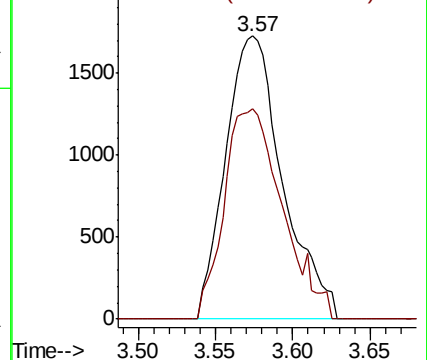
56 100

55 75.6 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.727 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

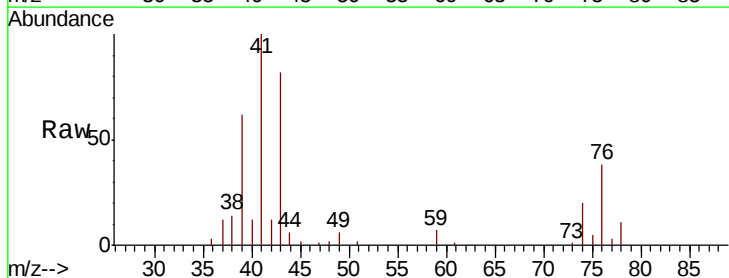
Tgt Ion: 41 Resp: 45809

Ion Ratio Lower Upper

41 100

39 61.0 47.9 71.9

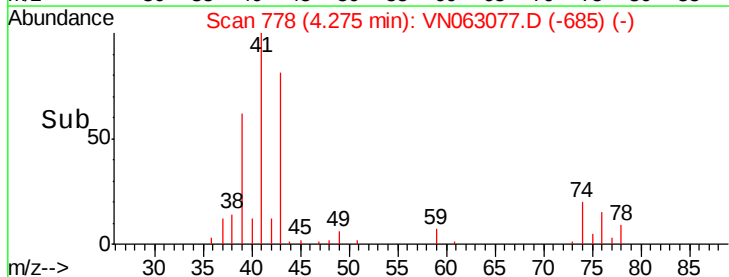
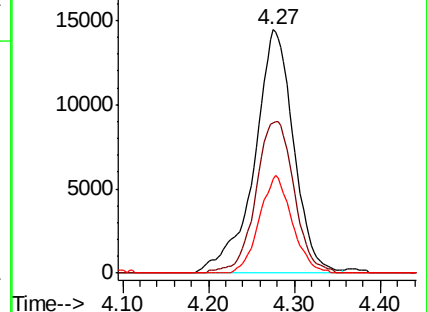
76 33.6 27.0 40.6

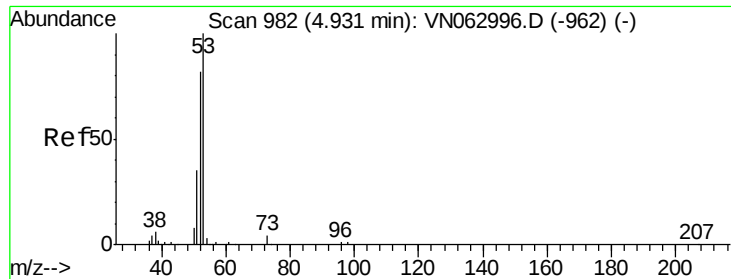


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 98.631 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

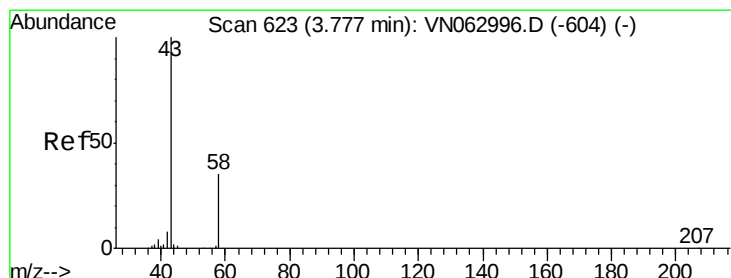
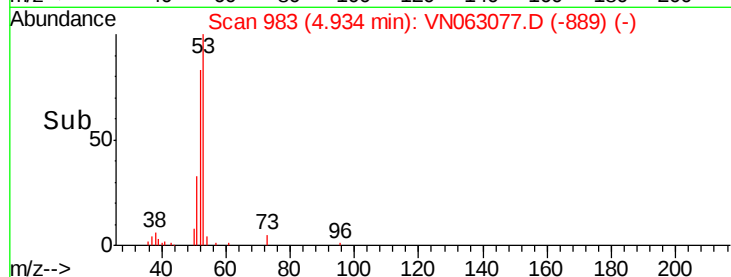
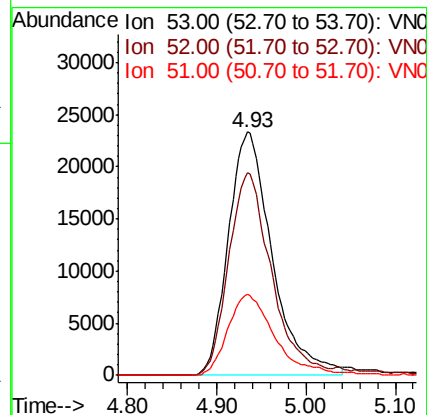
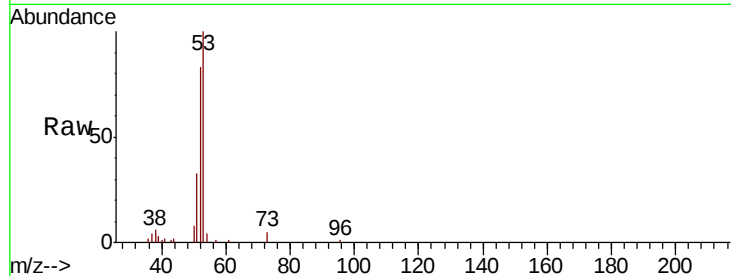
Tot Ion: 53 Resp: 79543

Ion Ratio Lower Upper

53 100

52 81.1 65.6 98.4

51 35.6 28.2 42.4



#16

Acetone

Concen: 105.818 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063077.D

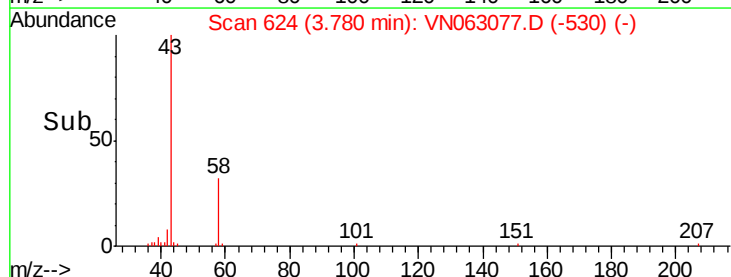
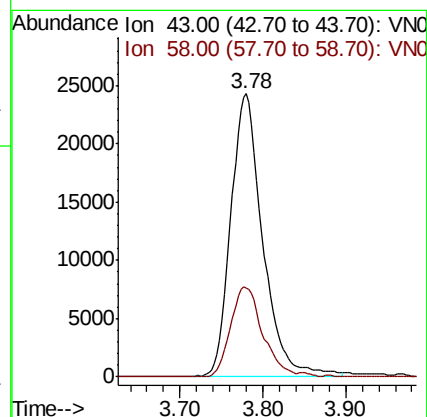
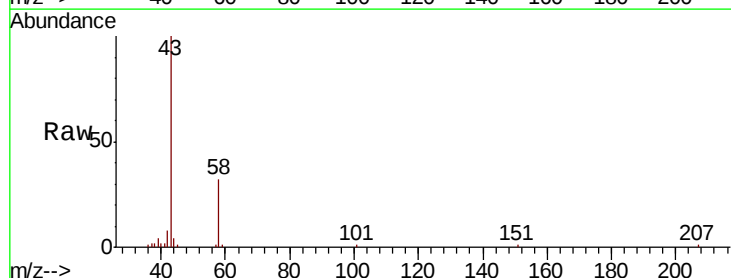
Acq: 21 Aug 2020 13:48

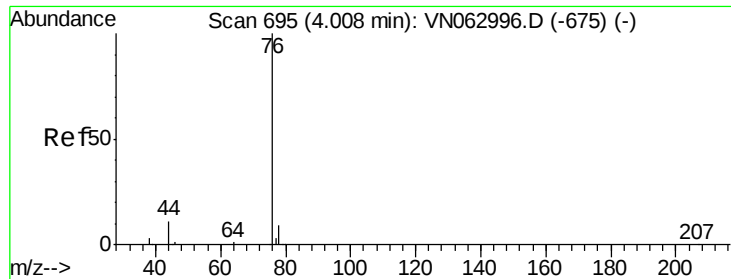
Tgt Ion: 43 Resp: 65288

Ion Ratio Lower Upper

43 100

58 31.5 27.8 41.6

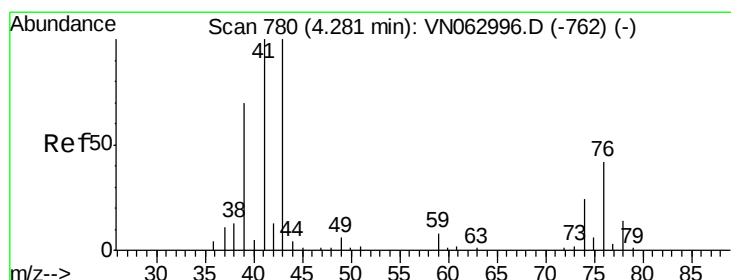
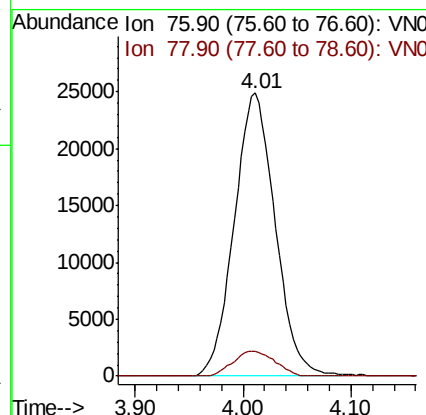
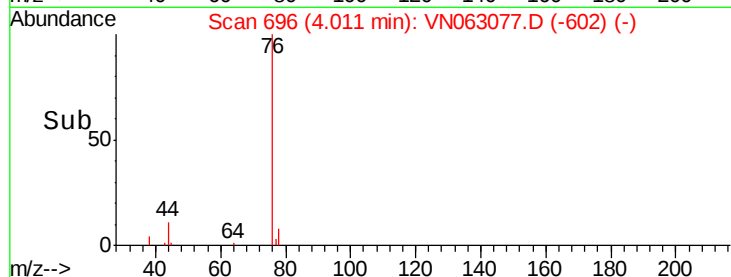
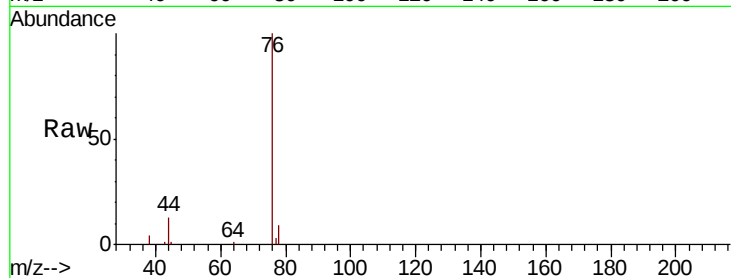




#17
Carbon Disulfide
Concen: 18.083 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

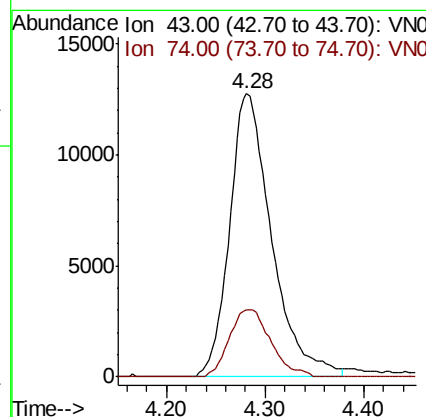
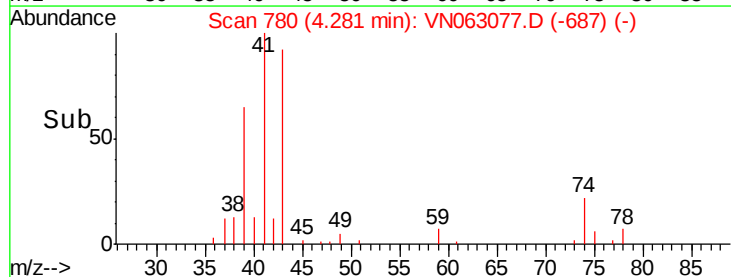
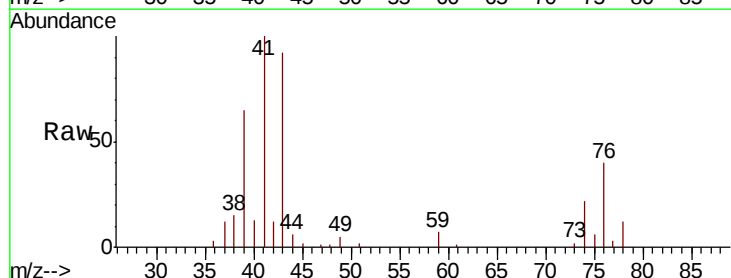
Instrument :
MSVOA_N
ClientSampled :
VN0821WBS02

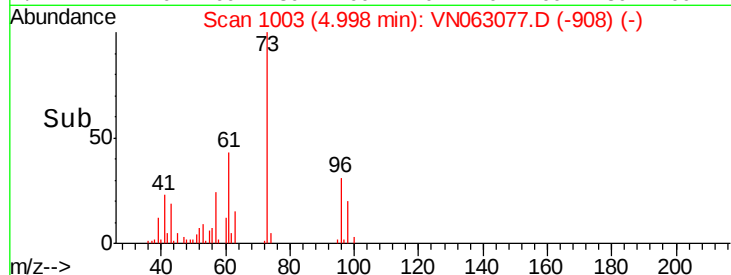
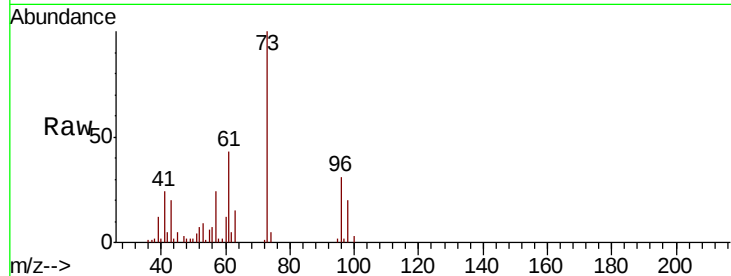
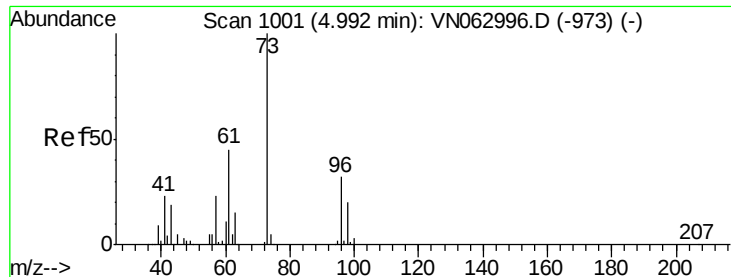
Tot Ion: 76 Resp: 65704
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 19.662 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 43 Resp: 37850
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 19.667 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

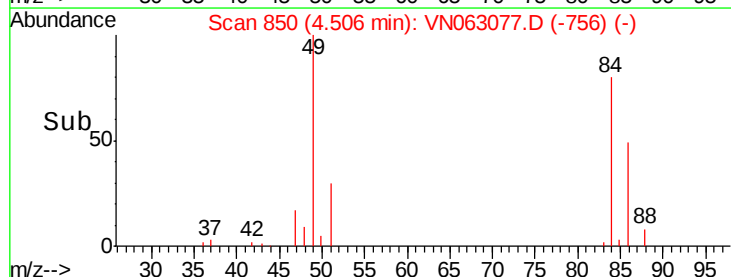
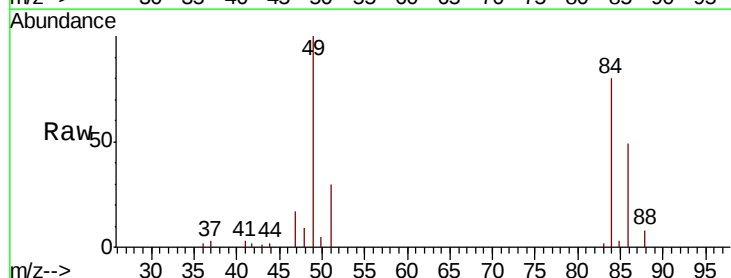
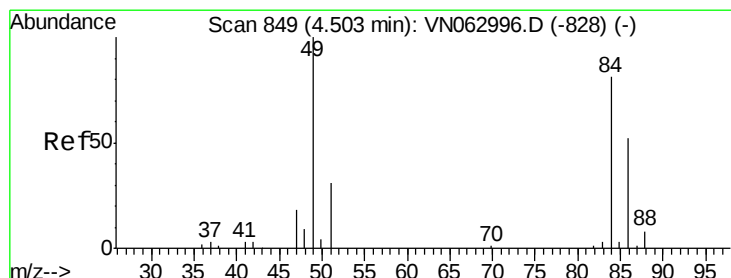
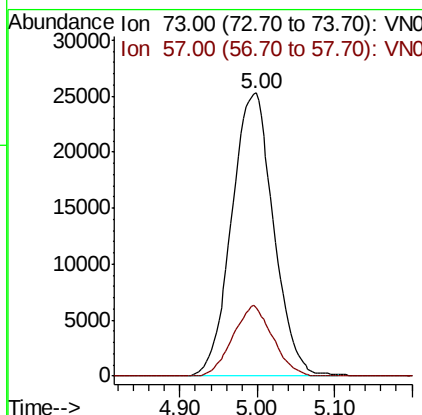
VN0821WBS02

Tot Ion: 73 Resp: 95158

Ion Ratio Lower Upper

73 100

57 24.3 18.1 27.1



#20

Methylene Chloride

Concen: 19.741 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion: 84 Resp: 35096

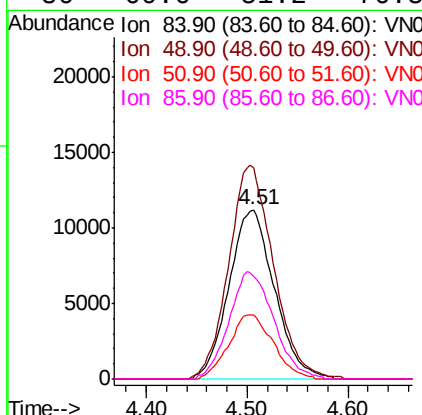
Ion Ratio Lower Upper

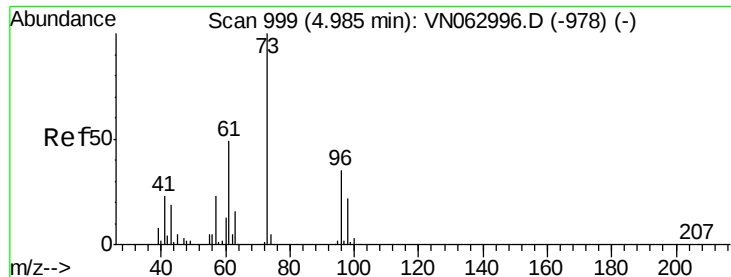
84 100

49 124.5 98.7 148.1

51 37.6 30.8 46.2

86 60.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.479 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

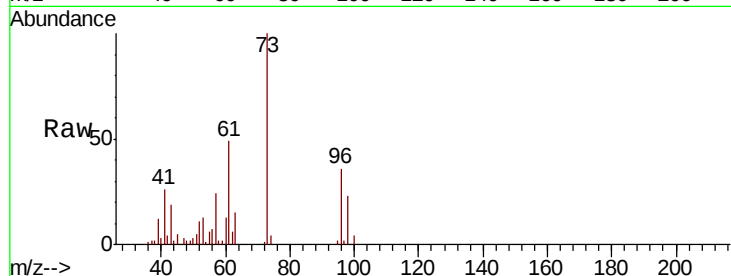
Tot Ion: 96 Resp: 28281

Ion Ratio Lower Upper

96 100

61 134.3 112.5 168.7

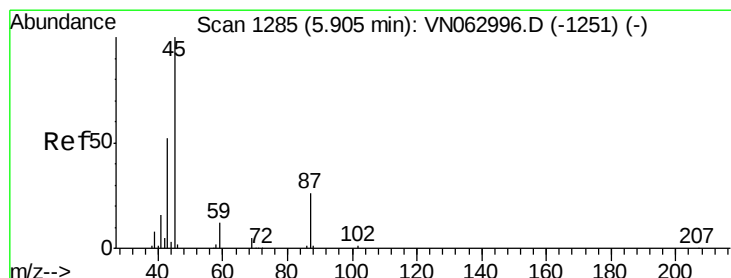
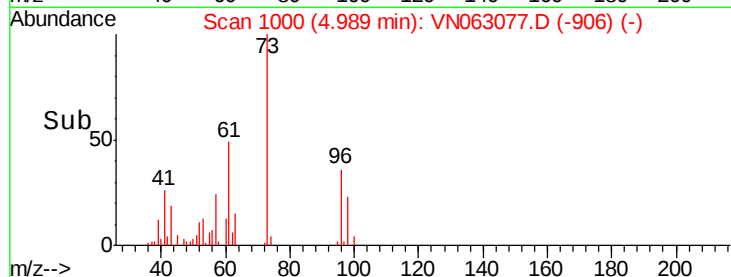
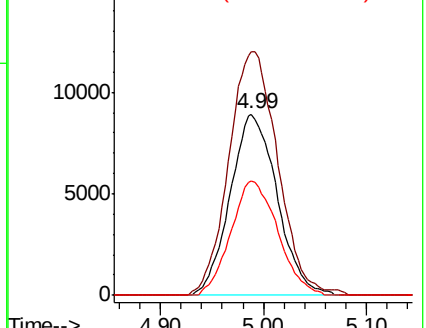
98 63.0 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN063077.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN063077.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN063077.D (-906) (-)



#22

Diisopropyl ether

Concen: 20.939 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion: 45 Resp: 116235

Ion Ratio Lower Upper

45 100

43 63.3 45.7 68.5

87 26.4 21.8 32.6

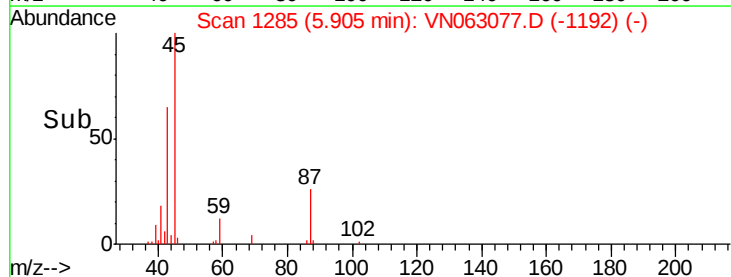
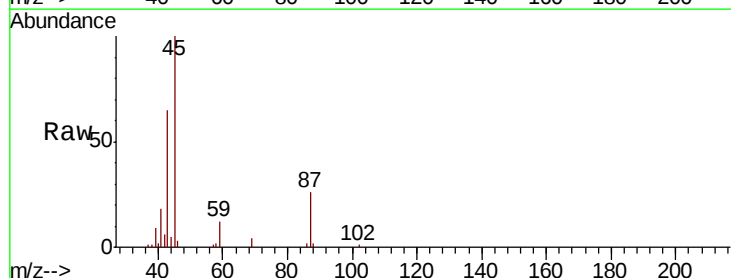
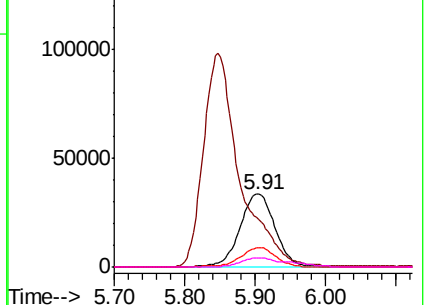
59 11.6 9.3 13.9

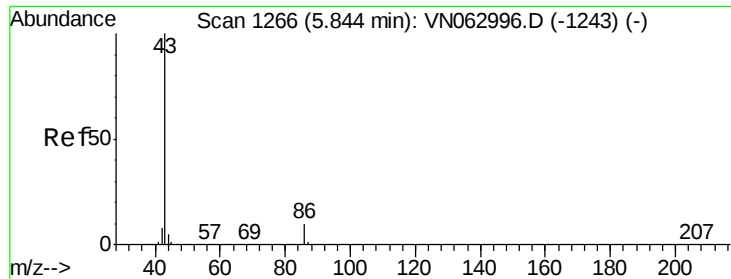
Abundance Ion 45.00 (44.70 to 45.70): VN063077.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN063077.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN063077.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN063077.D (-1192) (-)





#23

Vinyl Acetate

Concen: 94.532 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampled :

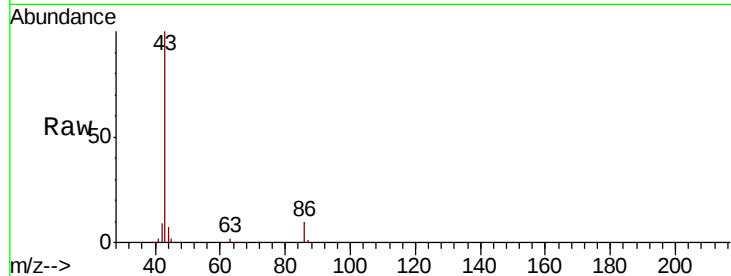
VN0821WBS02

Tot Ion: 43 Resp: 354108

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.85

100000

80000

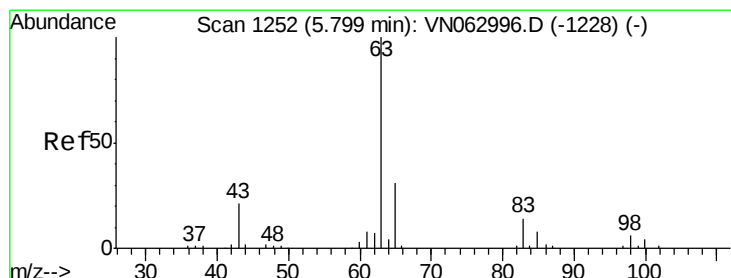
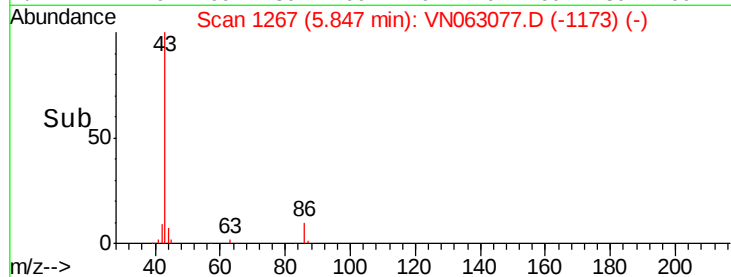
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.067 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

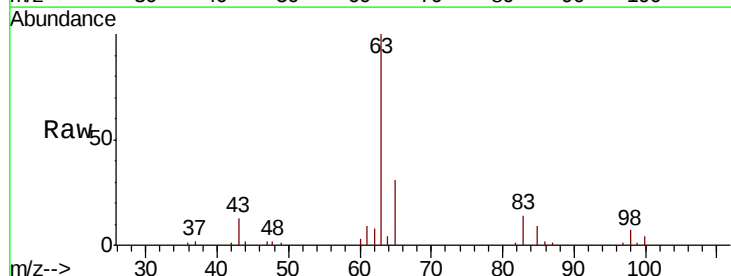
Tgt Ion: 63 Resp: 62247

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.7

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.80

25000

20000

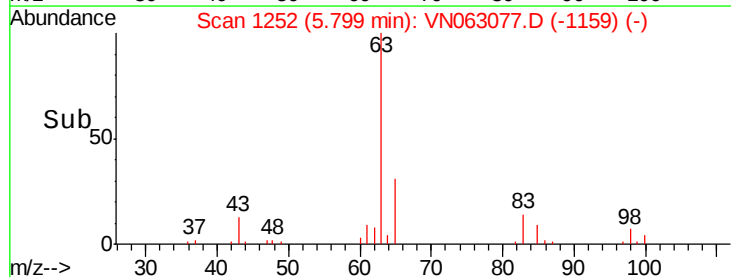
15000

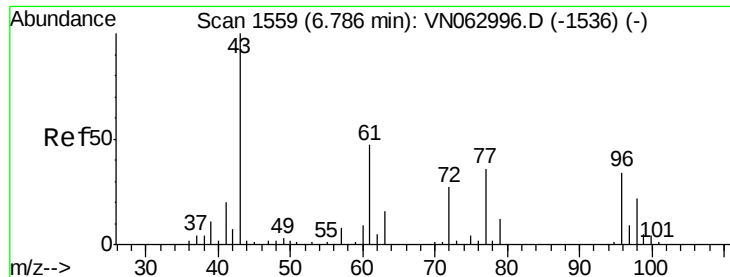
10000

5000

0

Time-->

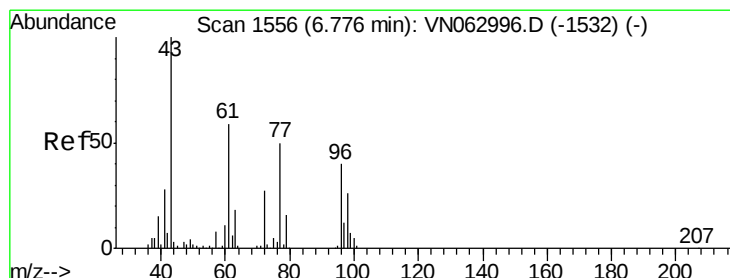
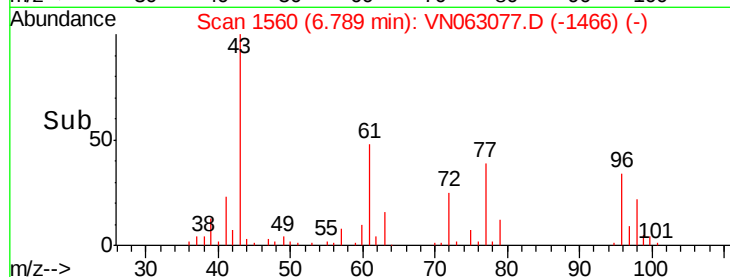
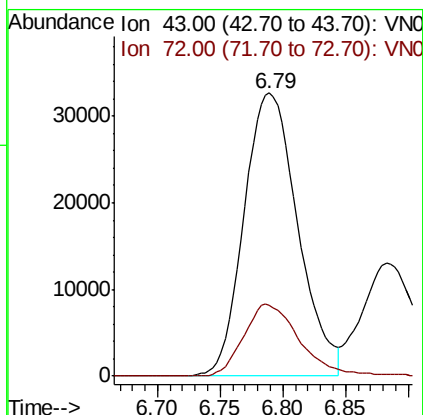
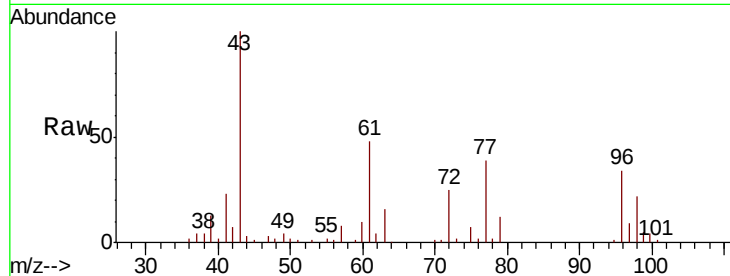




#25
 2-Butanone
 Concen: 94.773 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

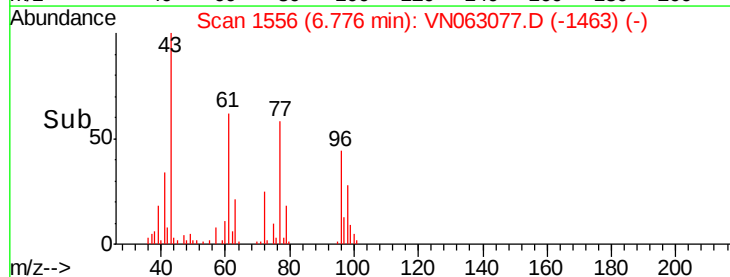
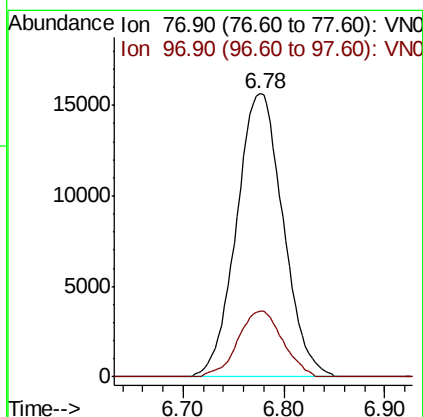
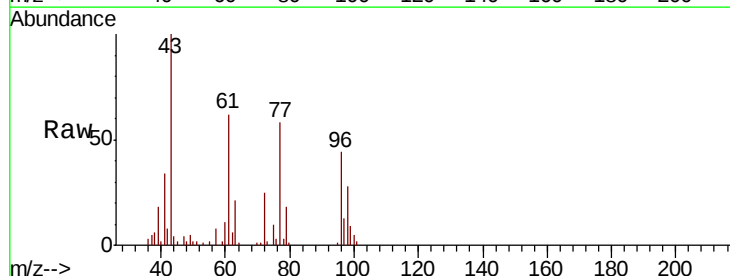
Instrument :
 MSVOA_N
 ClientSampled :
 VN0821WBS02

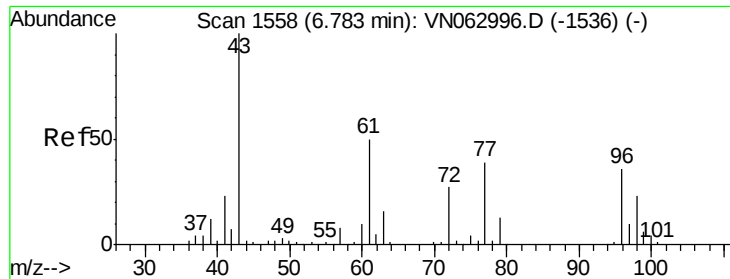
Tot Ion: 43 Resp: 97466
 Ion Ratio Lower Upper
 43 100
 72 25.1 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 20.543 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 77 Resp: 50115
 Ion Ratio Lower Upper
 77 100
 97 22.3 11.7 35.1

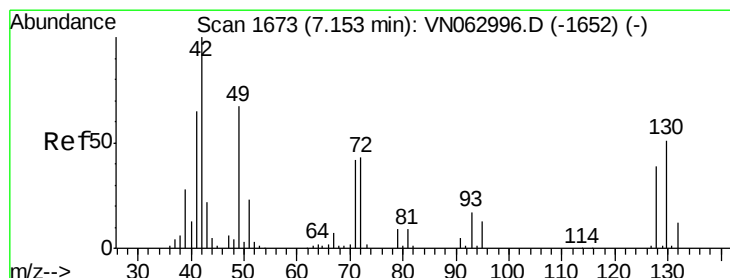
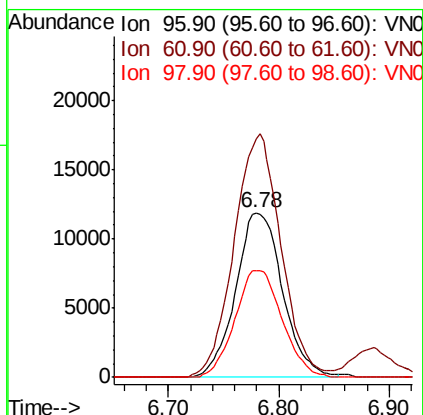
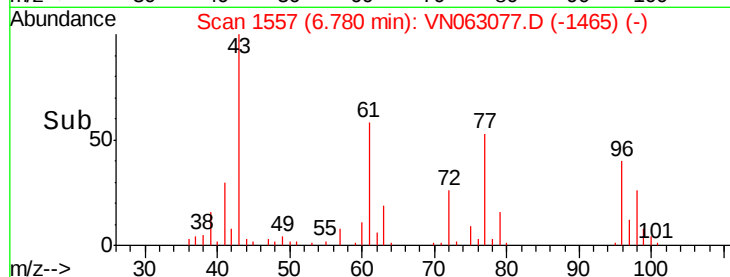
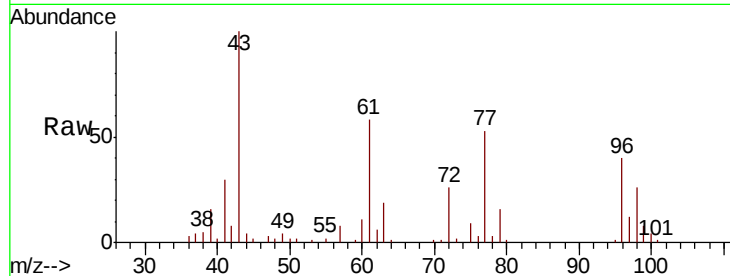




#27
 cis-1,2-Dichloroethene
 Concen: 19.312 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

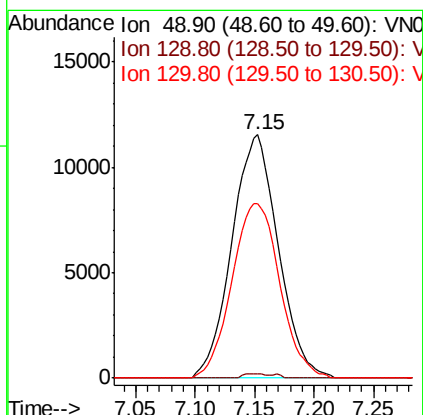
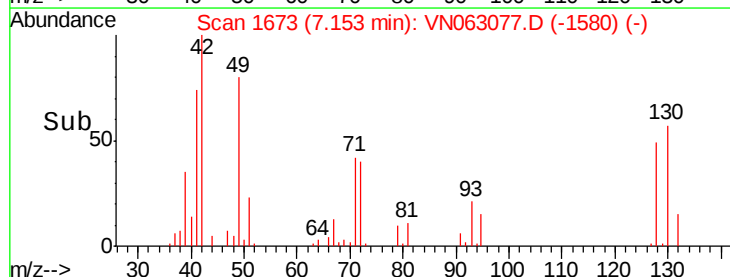
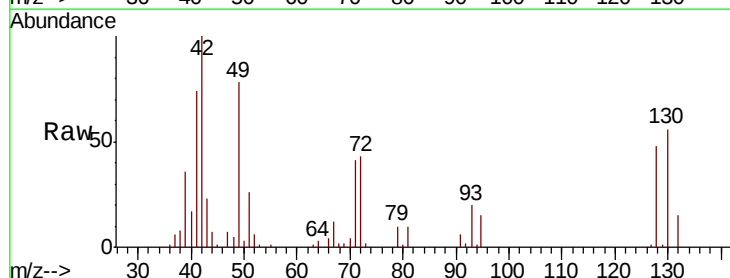
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

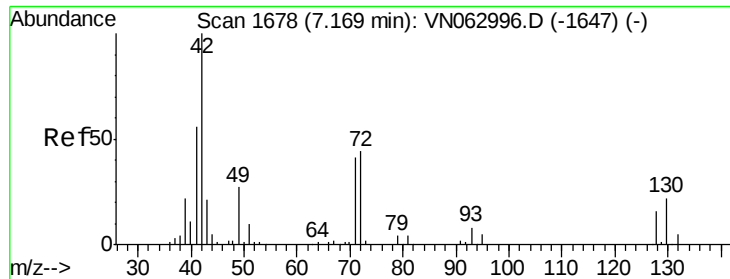
Tot Ion: 96 Resp: 35144
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 292.8
 98 65.1 0.0 130.6



#28
 Bromochloromethane
 Concen: 19.195 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 49 Resp: 31154
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.6
 130 74.1 61.1 91.7

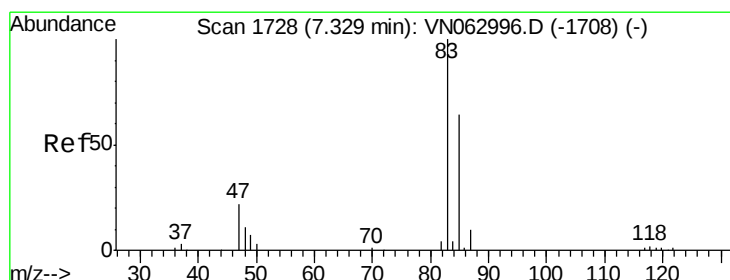
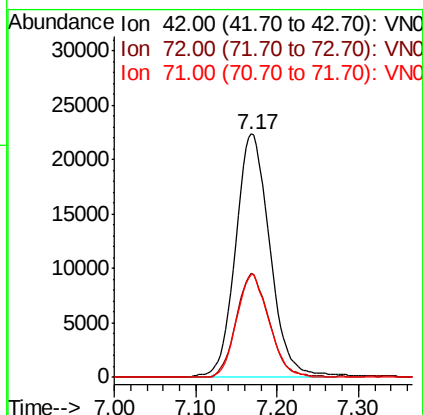
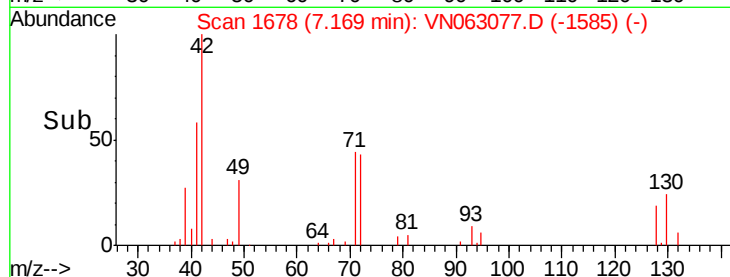
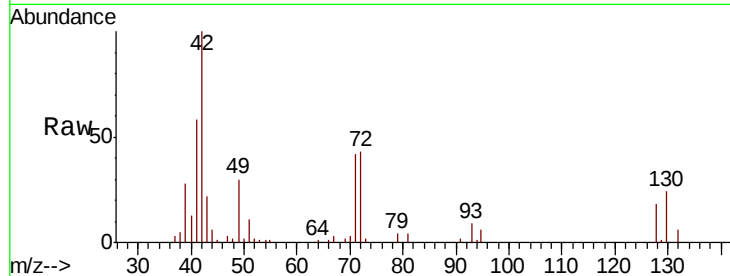




#29
Tetrahydrofuran
Concen: 98.312 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

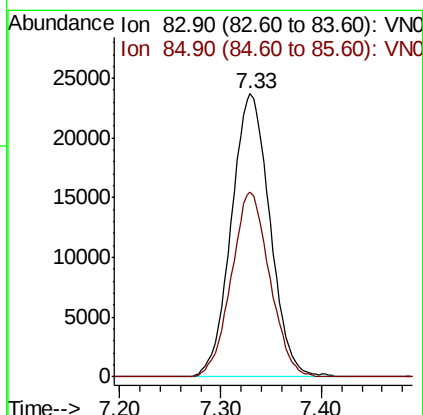
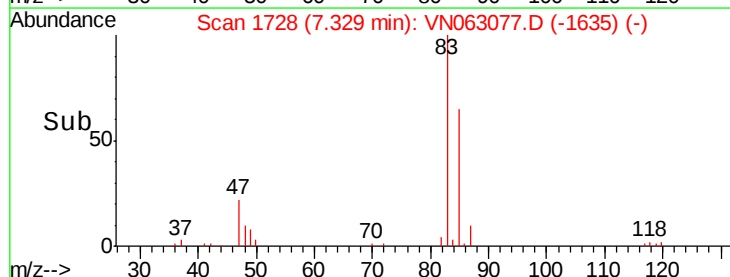
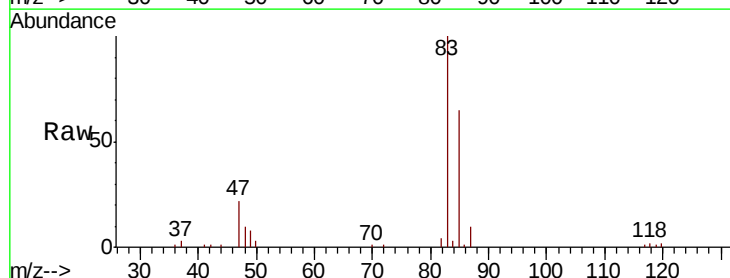
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

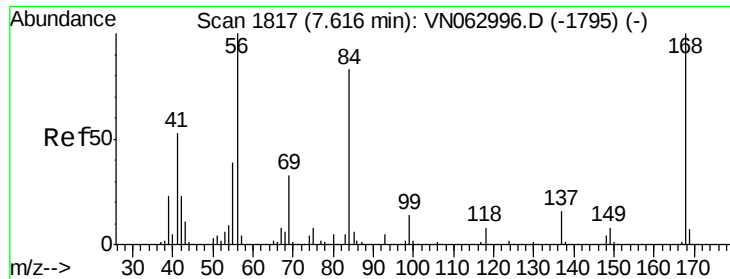
Tot Ion: 42 Resp: 65254
Ion Ratio Lower Upper
42 100
72 40.7 34.6 52.0
71 39.8 32.3 48.5



#30
Chloroform
Concen: 20.109 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 83 Resp: 62823
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3

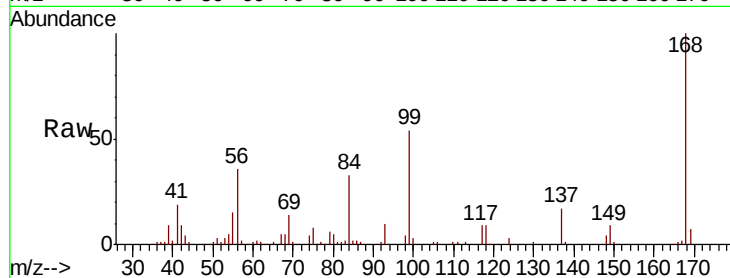




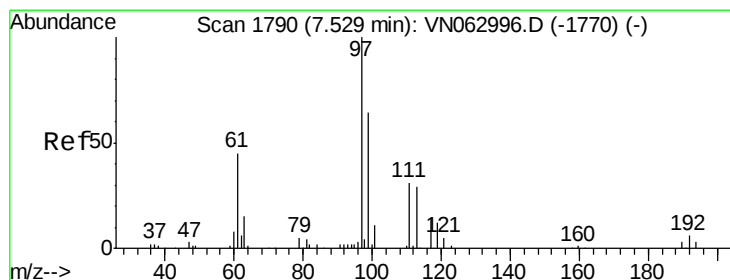
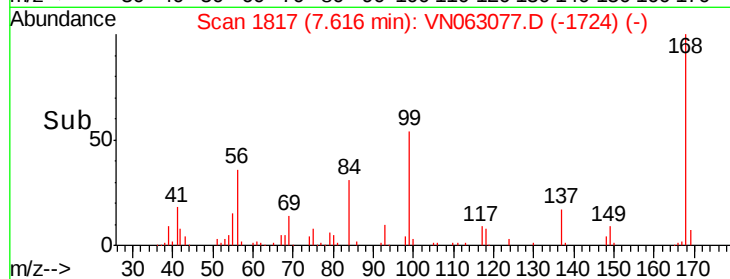
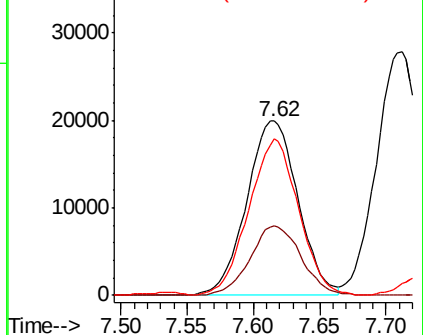
#31
Cyclohexane
Concen: 18.823 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion: 56 Resp: 53740
Ion Ratio Lower Upper
56 100
69 39.9 26.6 40.0
84 89.5 66.4 99.6

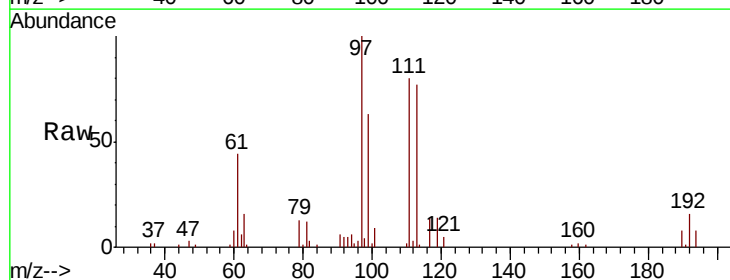


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

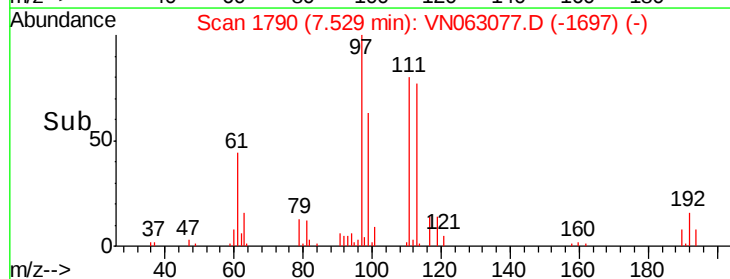
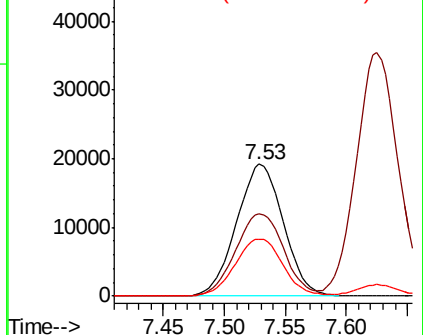


#32
1,1,1-Trichloroethane
Concen: 19.974 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 97 Resp: 50943
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 44.2 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

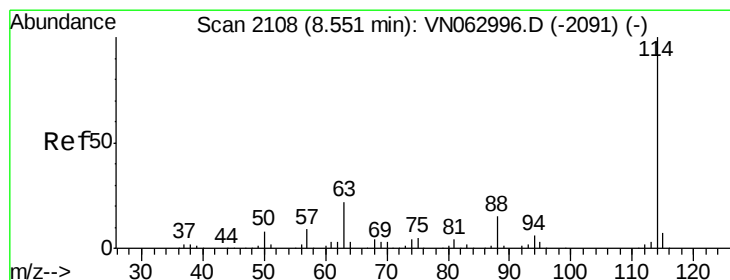
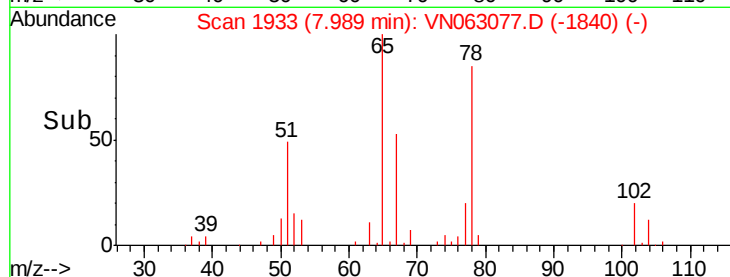
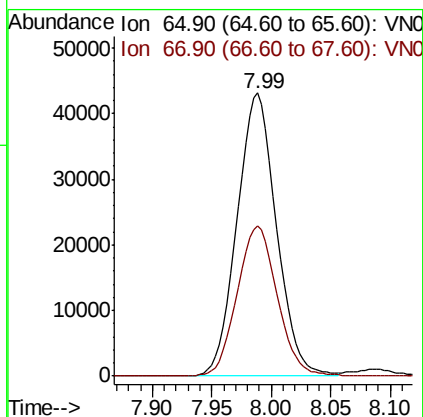
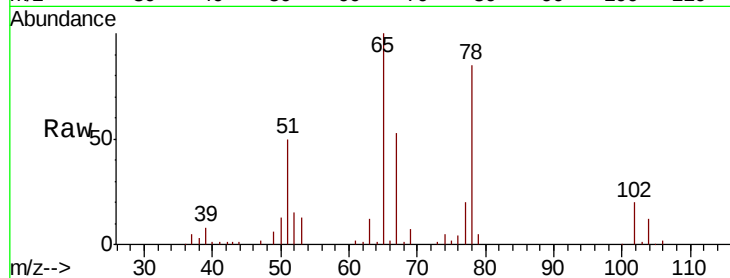




#33
 1,2-Dichloroethane-d4
 Concen: 51.189 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

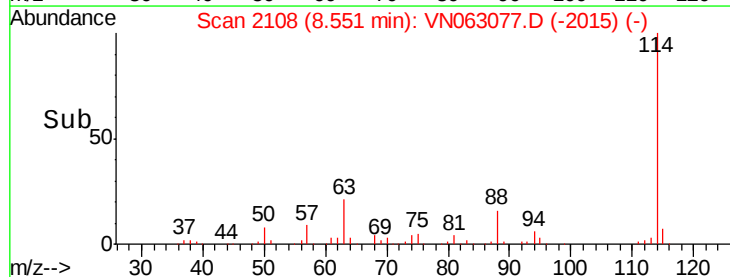
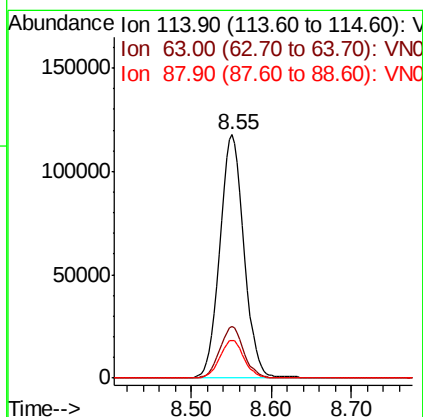
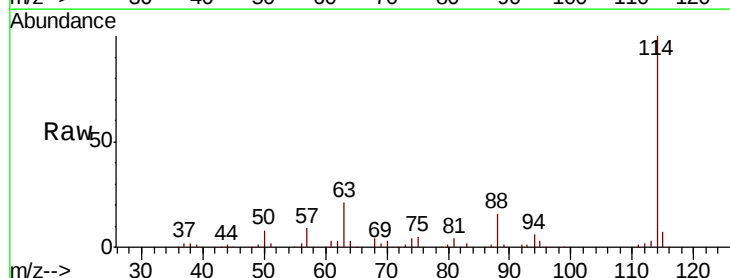
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

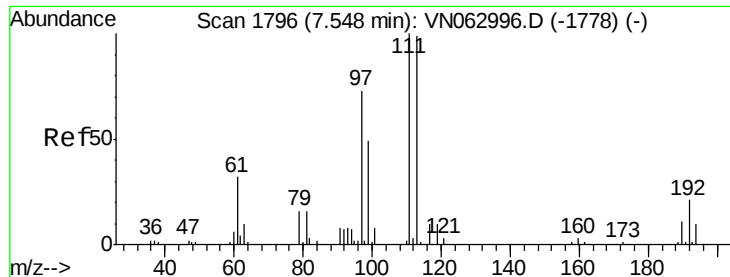
Tot Ion: 65 Resp: 99160
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 114 Resp: 245787
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 15.6 0.0 30.6

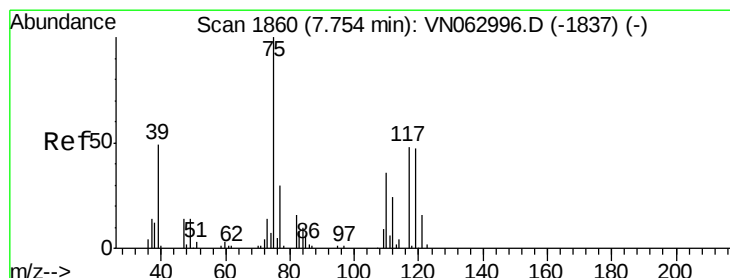
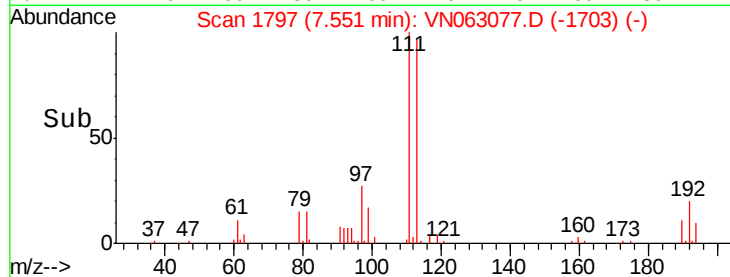
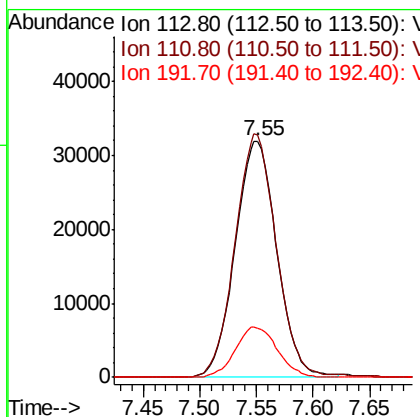
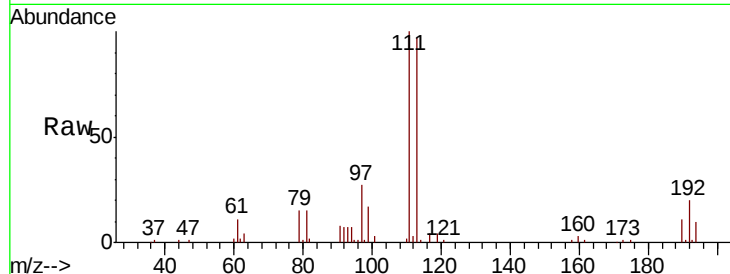




#35
 Dibromofluoromethane
 Concen: 51.092 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

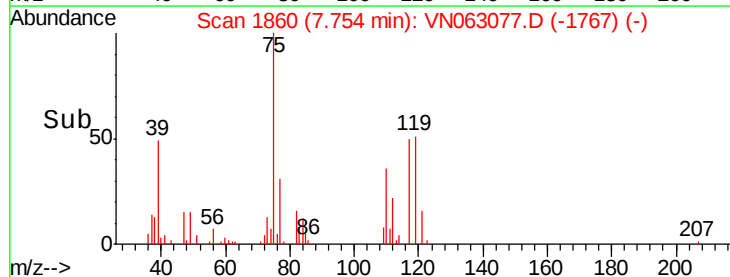
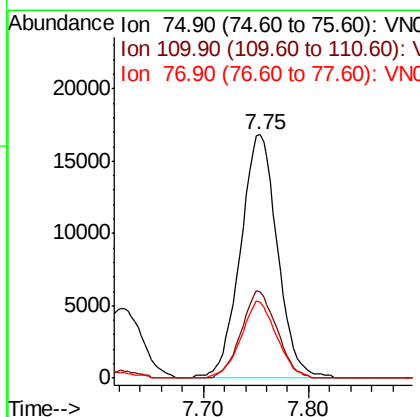
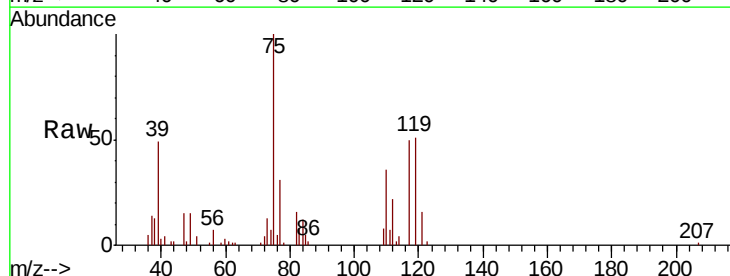
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

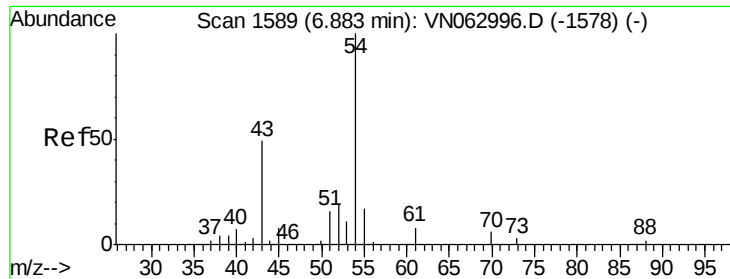
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	21.5	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 18.958 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.5	52.6
77	30.6	24.2	36.4

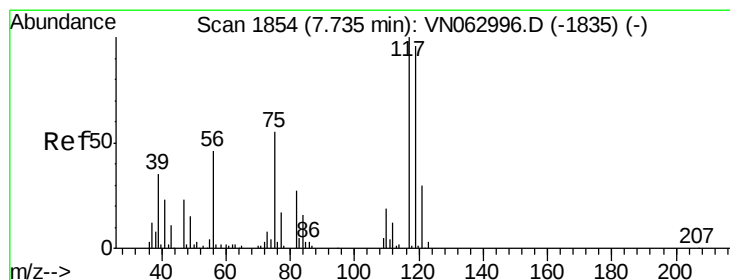
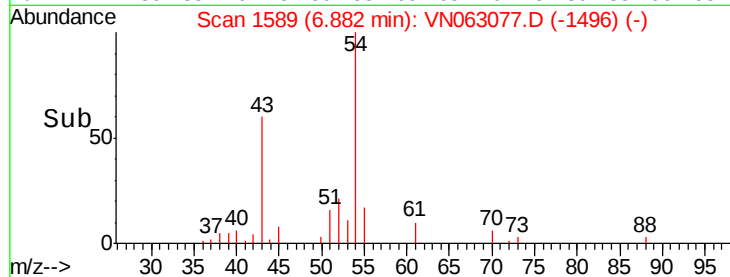
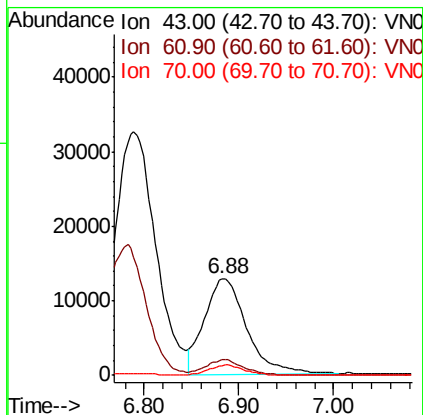
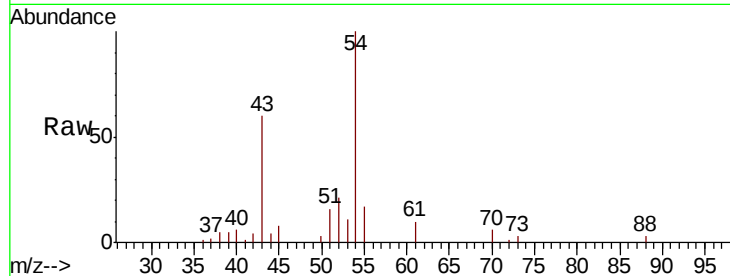




#37
Ethyl Acetate
Concen: 19.635 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

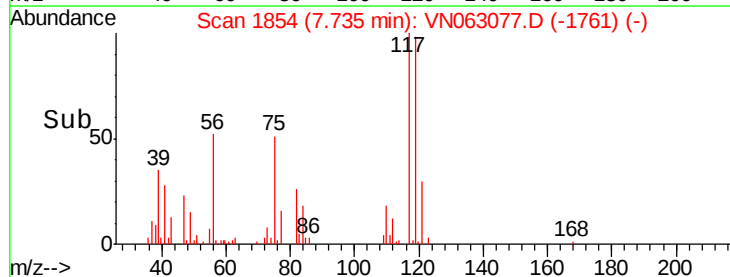
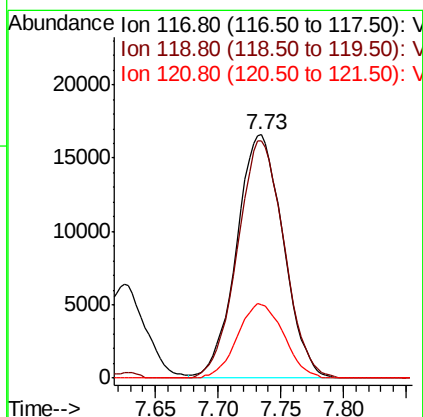
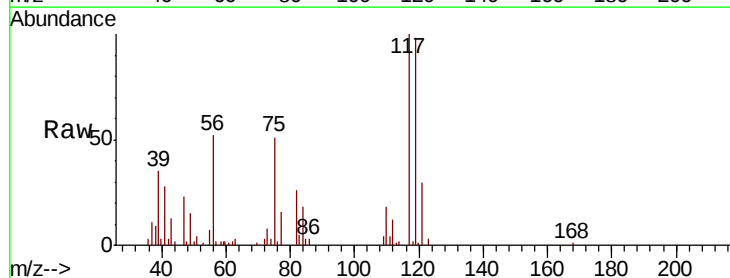
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

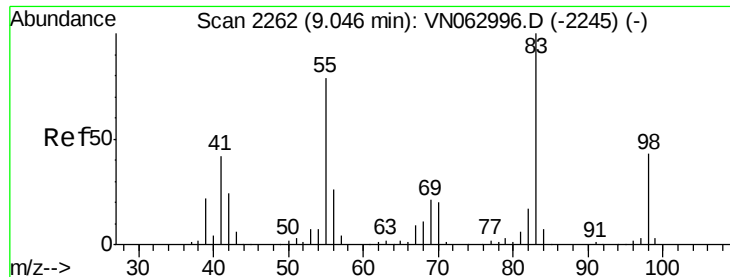
Tot Ion: 43 Resp: 39850
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 9.0 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.632 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 117 Resp: 42930
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4
121 30.4 24.2 36.2

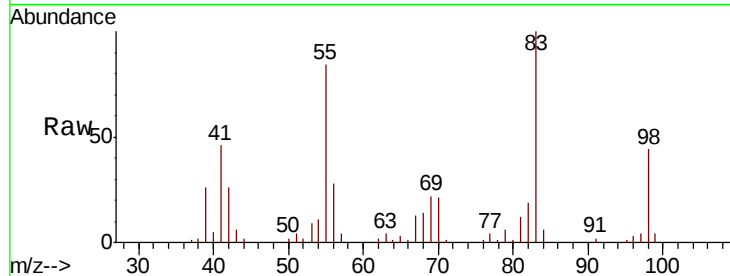




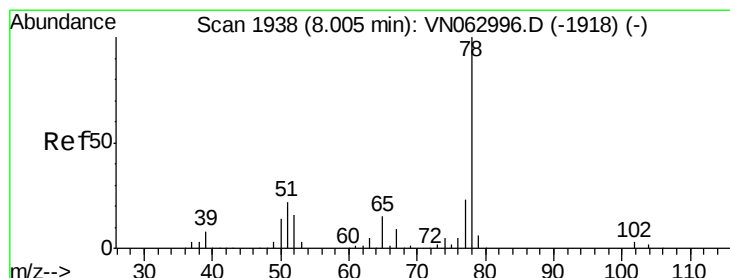
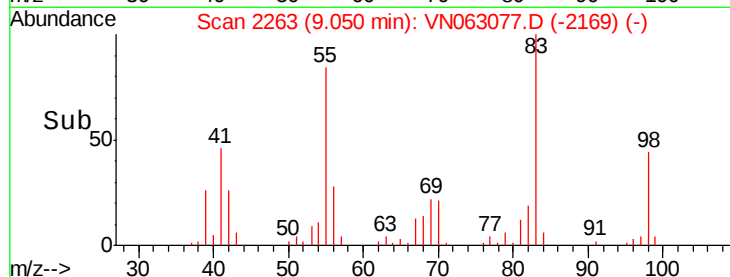
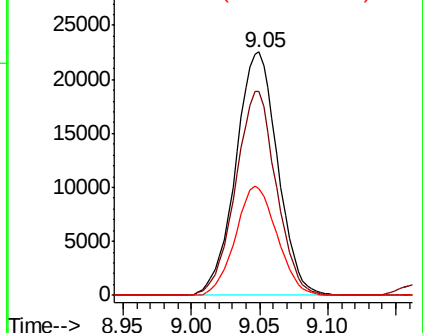
#39
Methvlcvclohexane
Concen: 17.490 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion: 83 Resp: 48079
Ion Ratio Lower Upper
83 100
55 83.6 63.3 94.9
98 44.0 34.2 51.4

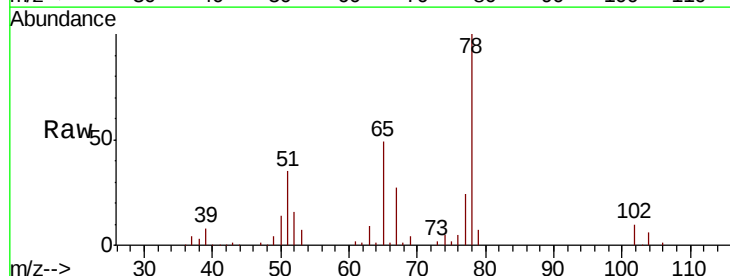


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

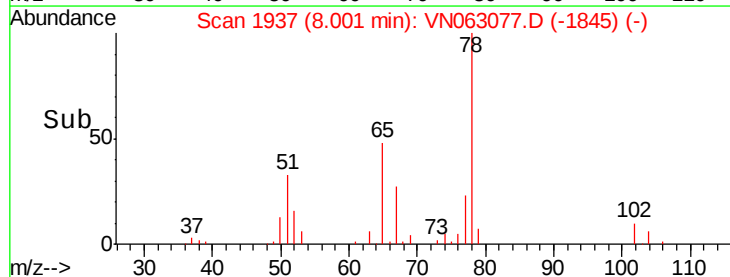
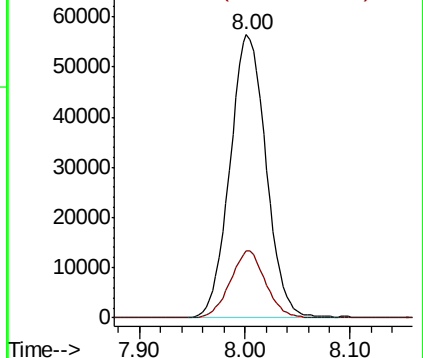


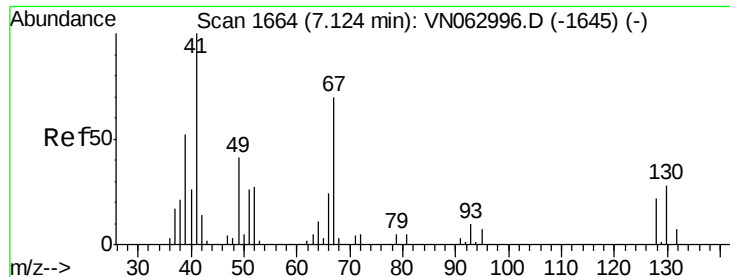
#40
Benzene
Concen: 19.561 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 78 Resp: 134380
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

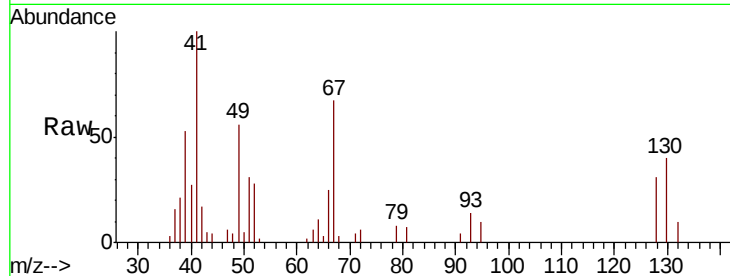




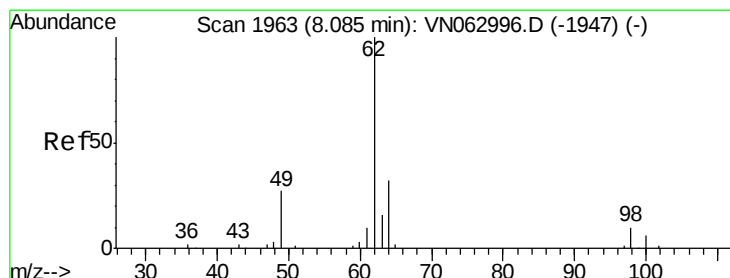
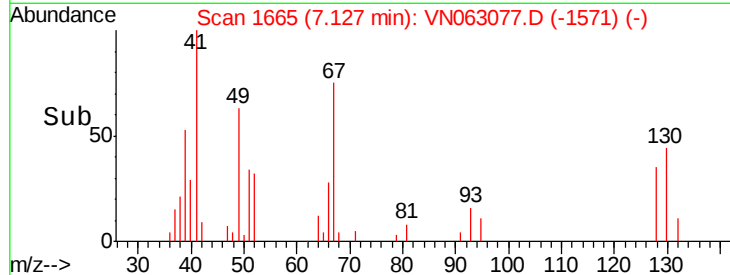
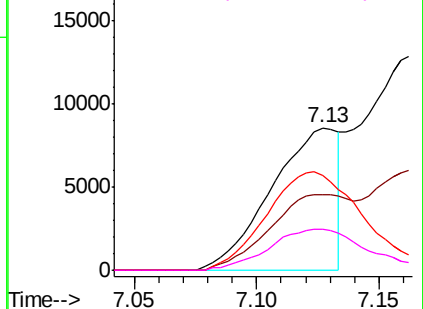
#41
Methacrylonitrile
Concen: 16.810 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion: 41 Resp: 16255
Ion Ratio Lower Upper
41 100
39 64.2 41.6 62.4#
67 101.9 71.8 107.8
52 42.9 28.2 42.4#

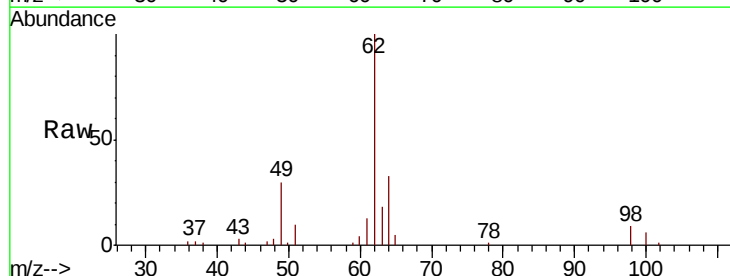


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

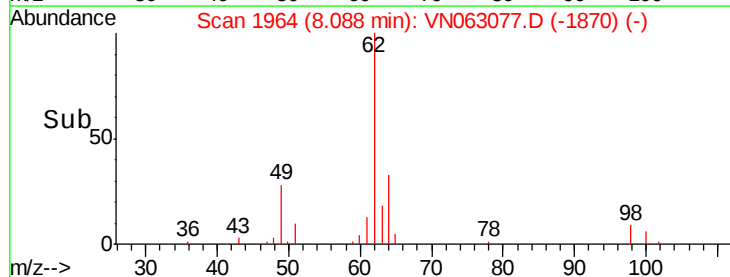
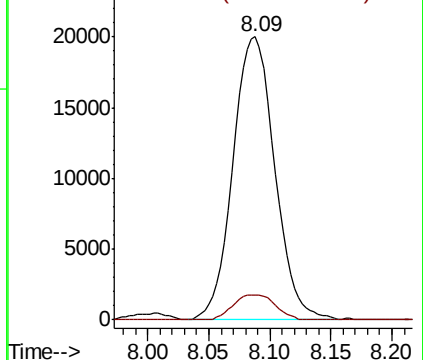


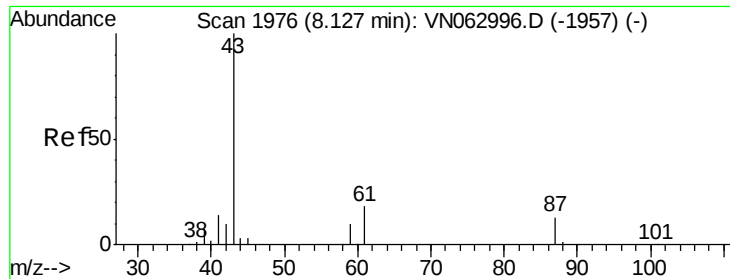
#42
1,2-Dichloroethane
Concen: 20.610 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 62 Resp: 47540
Ion Ratio Lower Upper
62 100
98 4.3 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 19.285 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

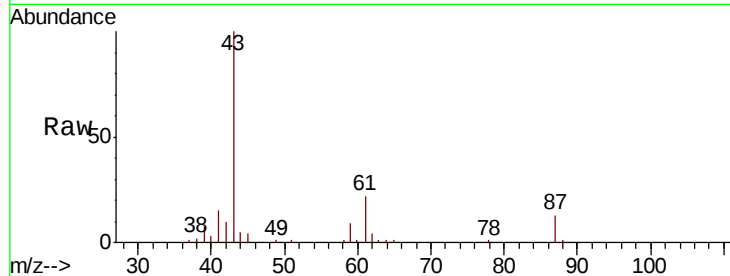
Tot Ion: 43 Resp: 64845

Ion Ratio Lower Upper

43 100

61 22.0 22.6 33.8#

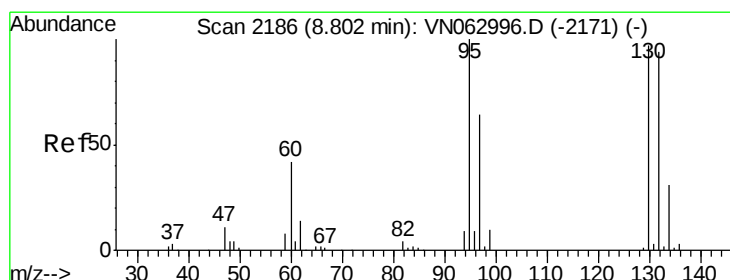
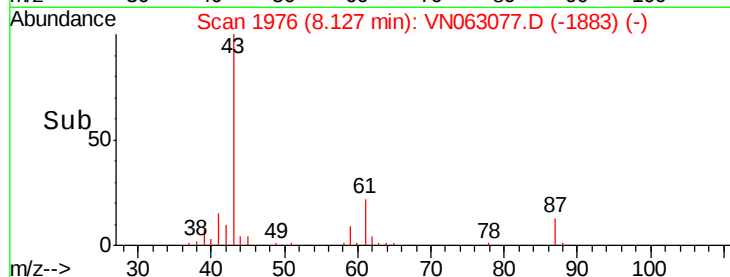
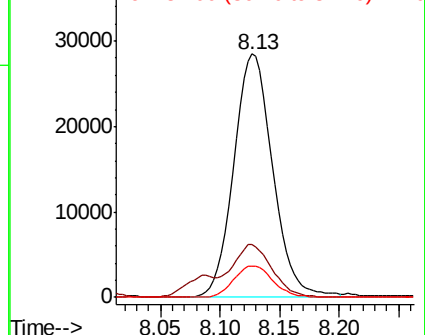
87 12.7 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 19.167 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063077.D

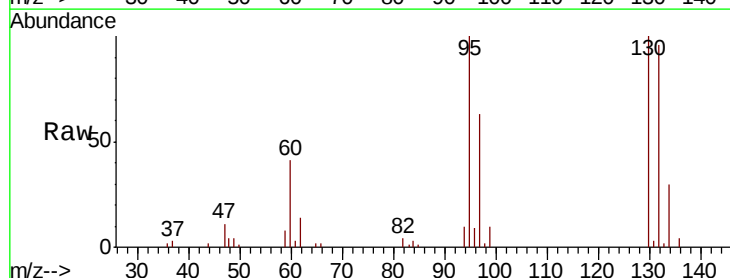
Acq: 21 Aug 2020 13:48

Tgt Ion: 130 Resp: 32753

Ion Ratio Lower Upper

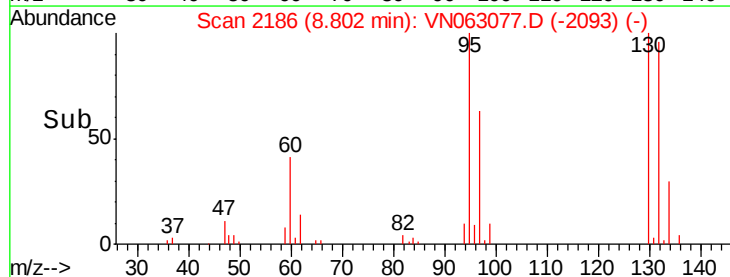
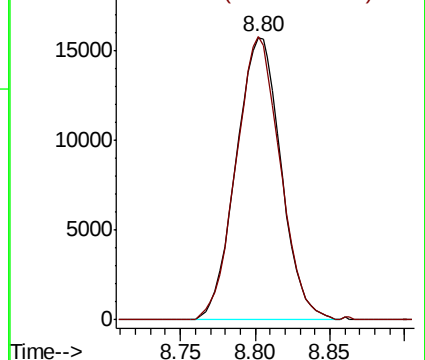
130 100

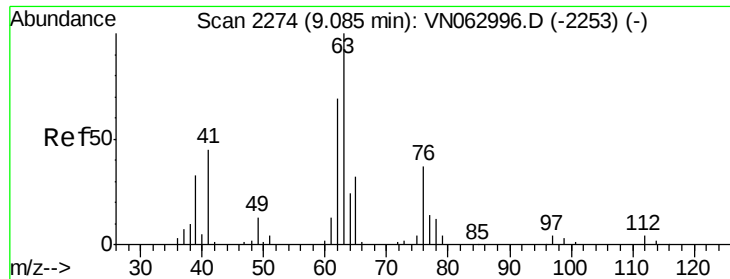
95 100.3 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)

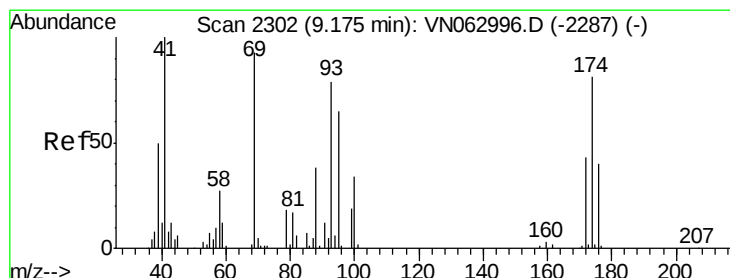
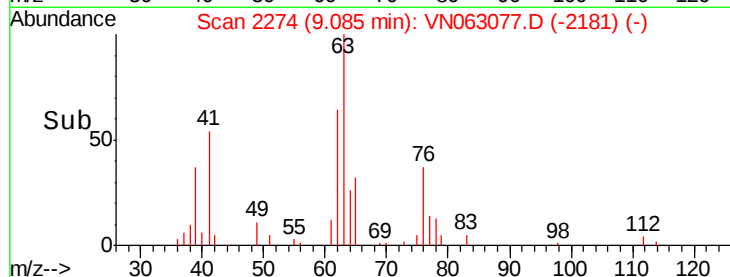
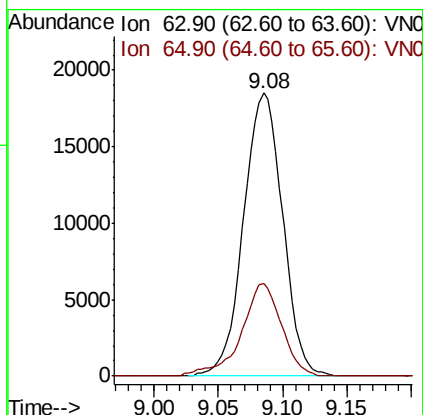
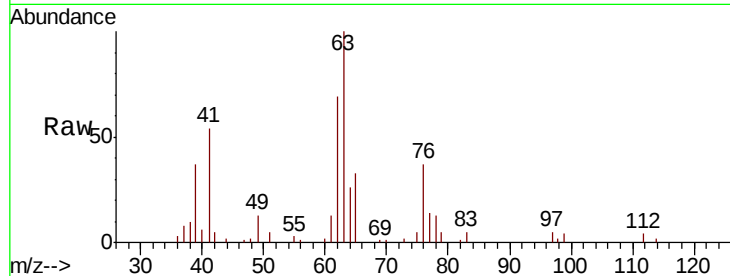




#45
 1,2-Dichloropropane
 Concen: 19.718 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

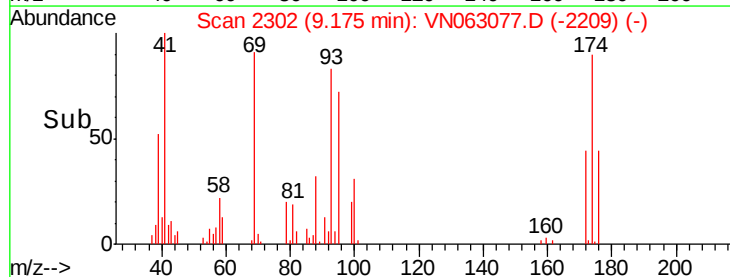
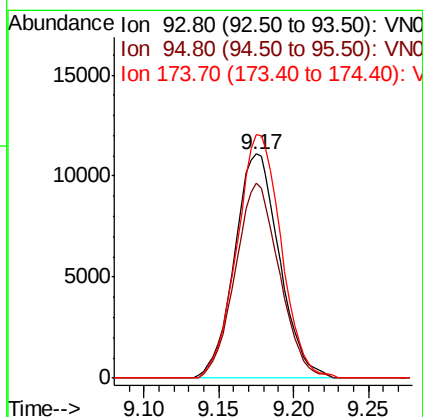
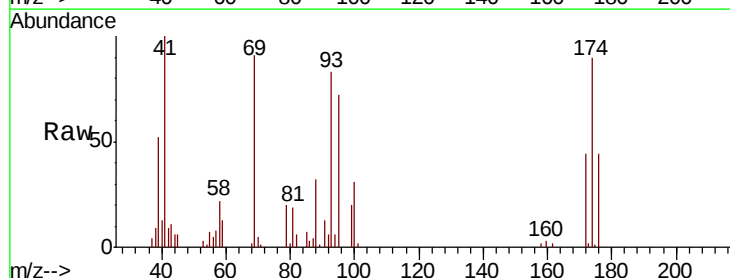
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

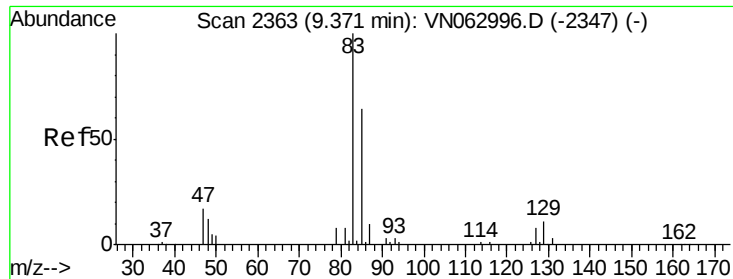
Tot Ion: 63 Resp: 39155
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.6 38.4



#46
 Dibromomethane
 Concen: 20.204 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 93 Resp: 23178
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.2 99.4
 174 107.1 84.6 127.0

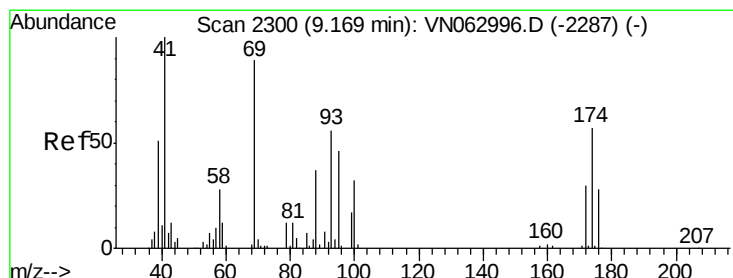
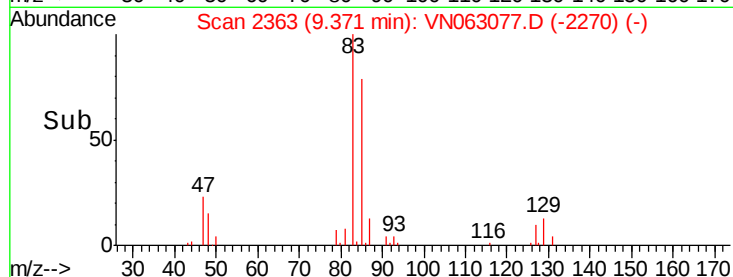
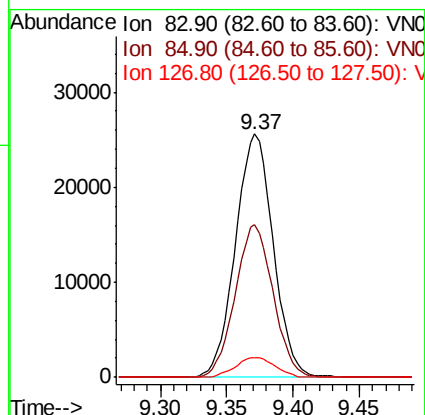
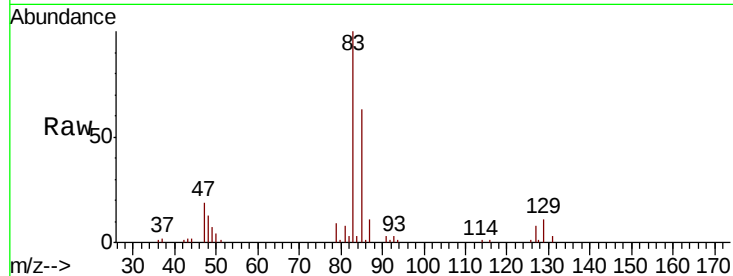




#47
Bromodichloromethane
Concen: 20.174 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

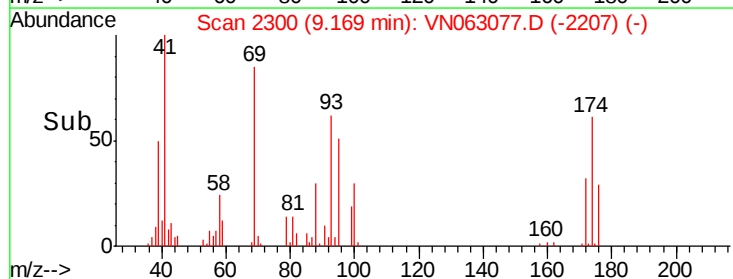
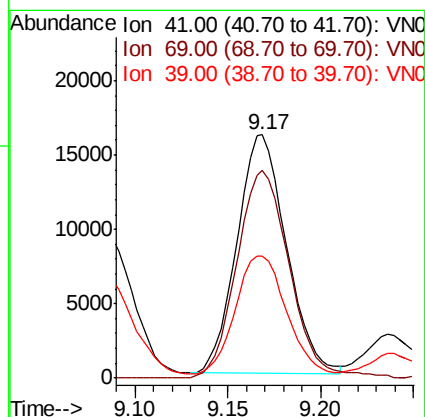
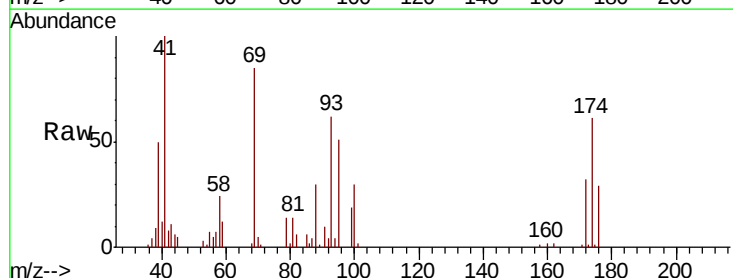
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

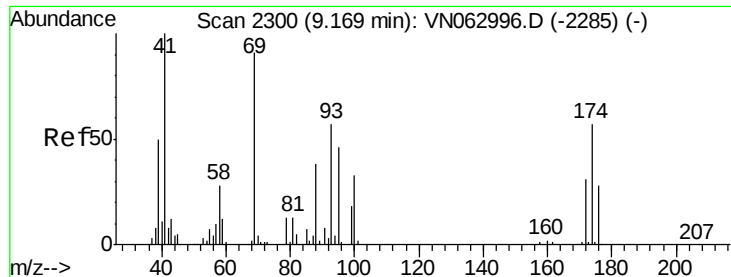
Tot Ion: 83 Resp: 50689
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 18.668 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 41 Resp: 29699
Ion Ratio Lower Upper
41 100
69 92.8 74.2 111.4
39 55.1 42.5 63.7

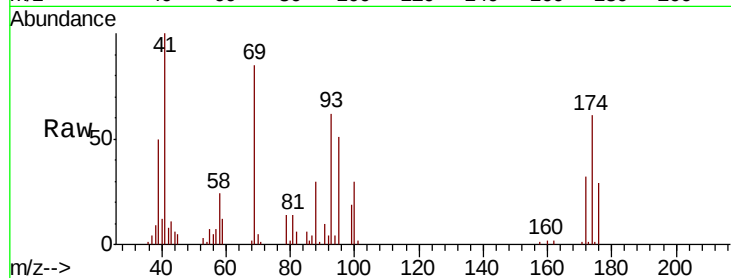




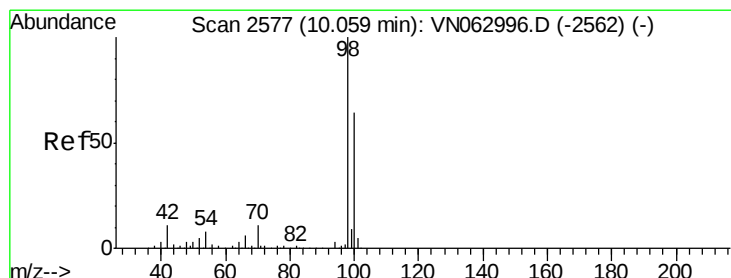
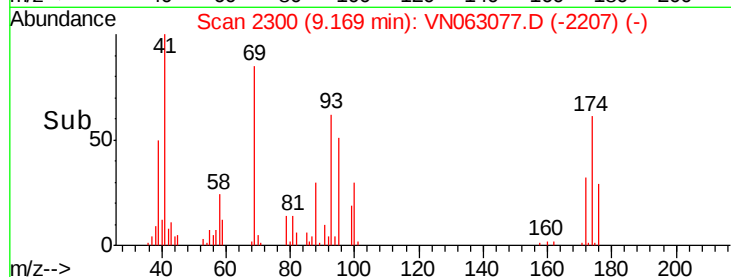
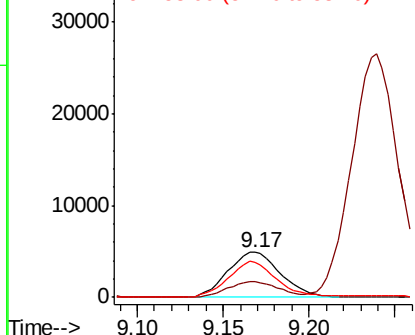
#49
1,4-Dioxane
Concen: 308.158 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion: 88 Resp: 10412
Ion Ratio Lower Upper
88 100
43 33.9 25.2 37.8
58 74.1 56.7 85.1

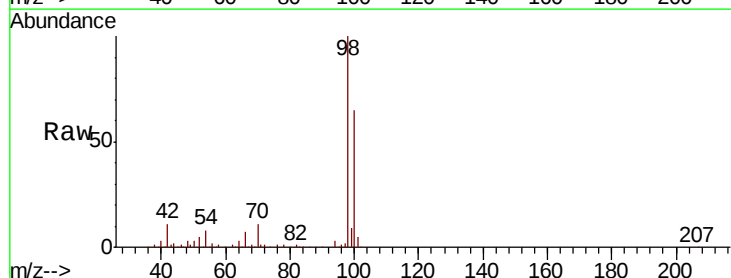


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

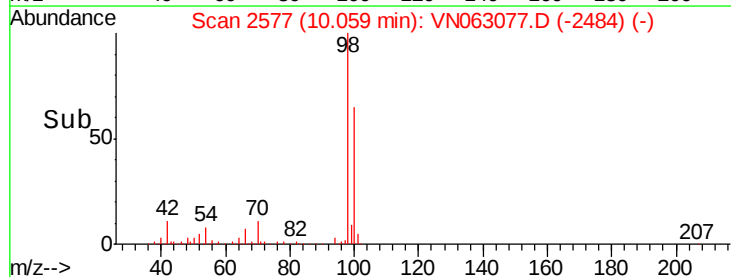
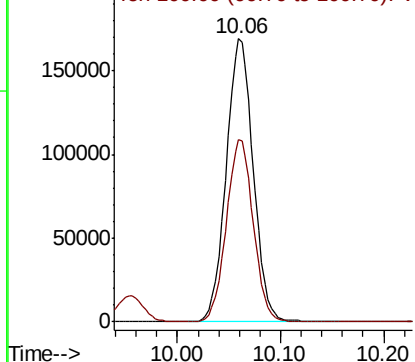


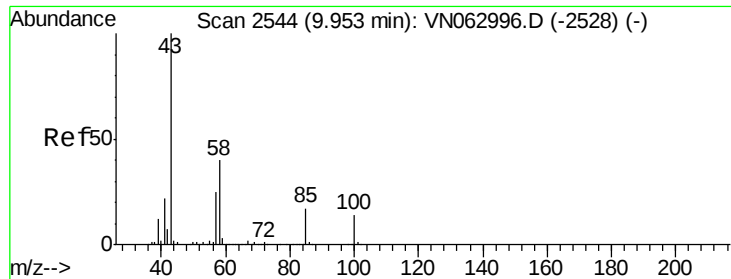
#50
Toluene-d8
Concen: 50.223 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 98 Resp: 308953
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



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: 98.476 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampled :

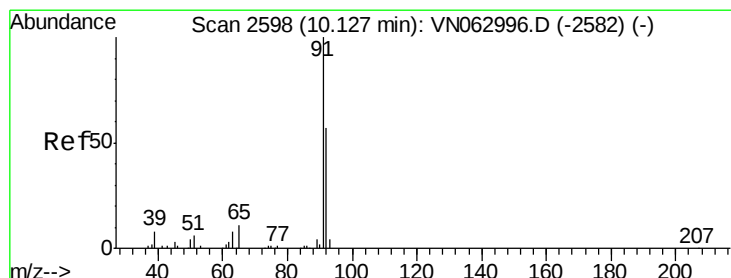
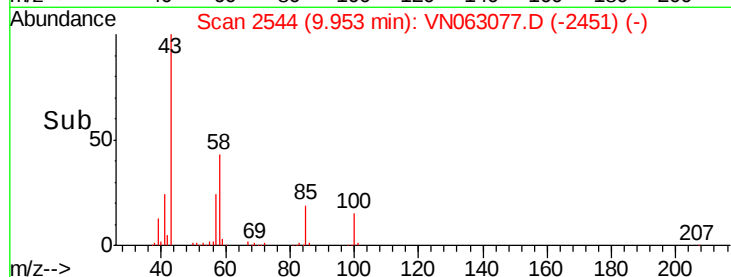
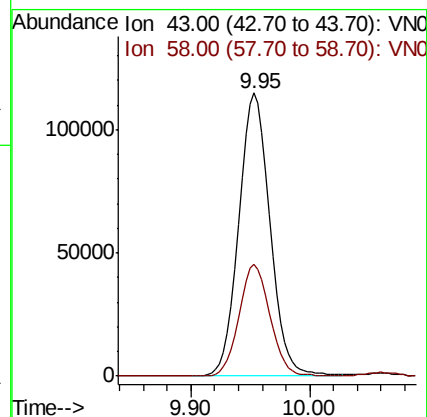
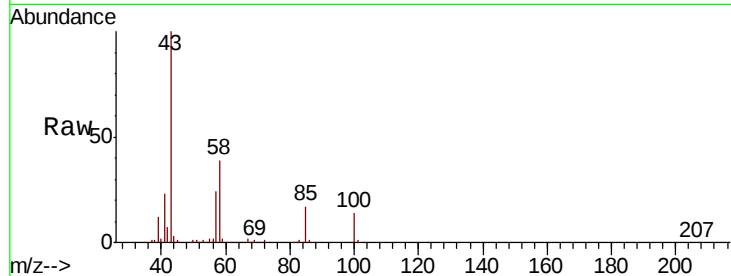
VN0821WBS02

Tot Ion: 43 Resp: 209293

Ion Ratio Lower Upper

43 100

58 39.2 32.2 48.2



#52

Toluene

Concen: 19.786 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063077.D

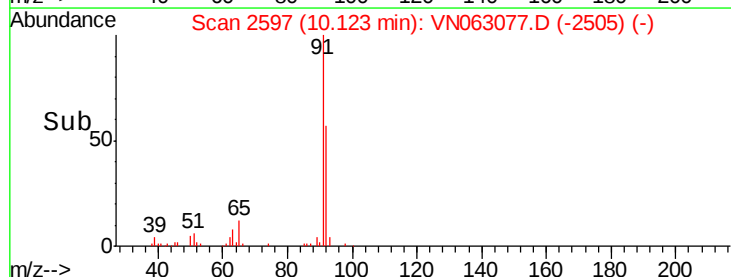
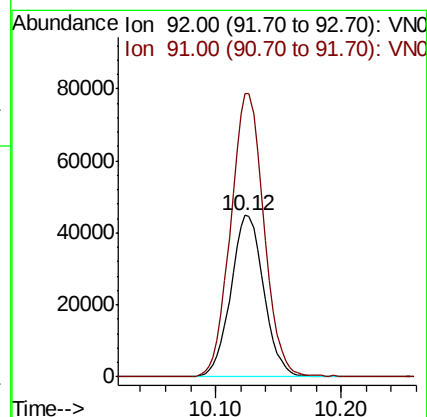
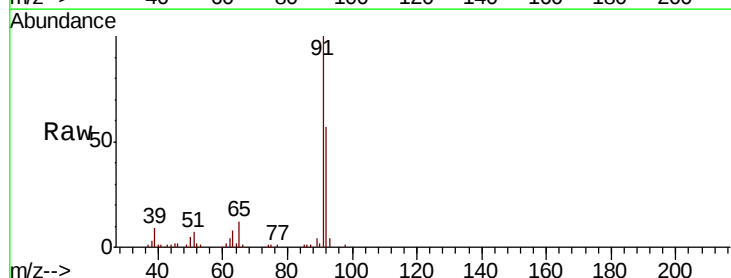
Acq: 21 Aug 2020 13:48

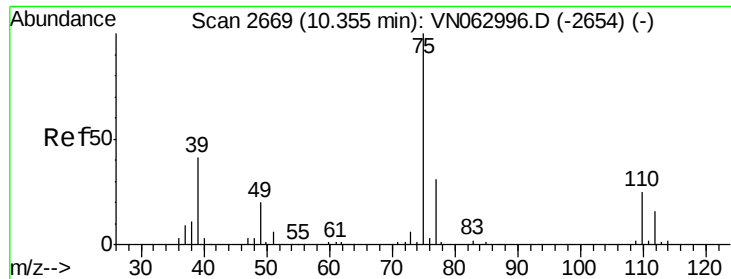
Tgt Ion: 92 Resp: 81994

Ion Ratio Lower Upper

92 100

91 176.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.628 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

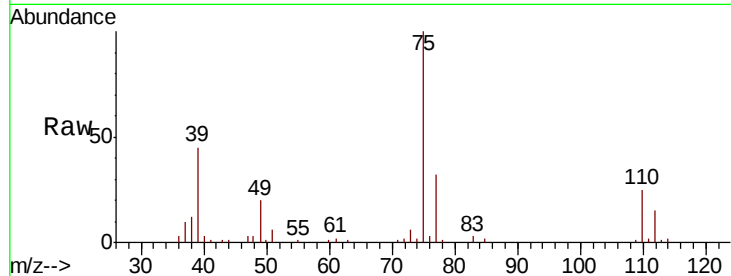
VN0821WBS02

Tot Ion: 75 Resp: 50999

Ion Ratio Lower Upper

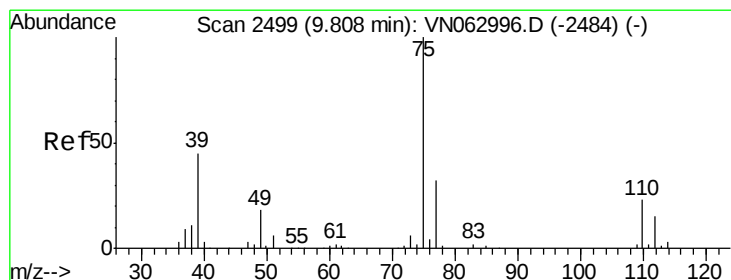
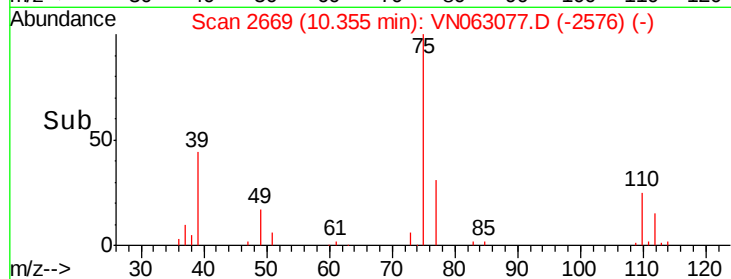
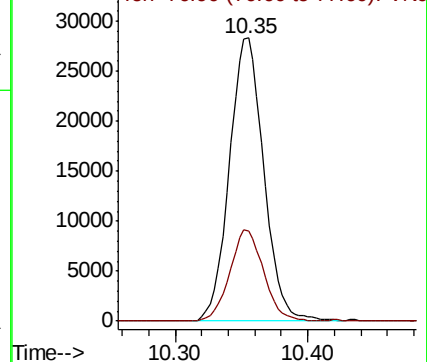
75 100

77 32.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.554 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

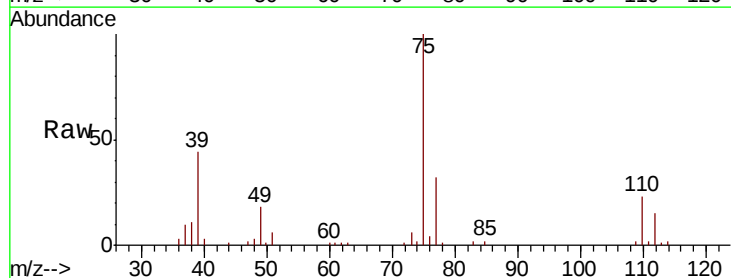
Tgt Ion: 75 Resp: 55734

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

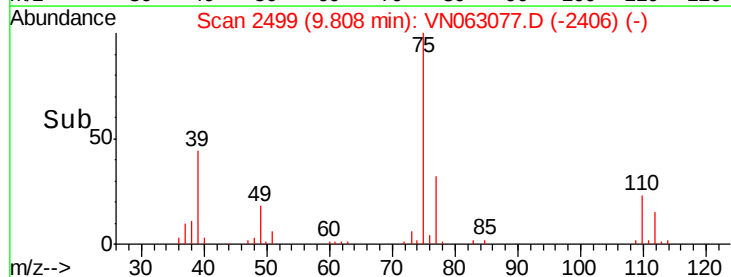
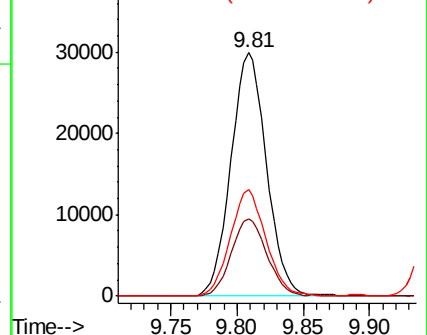
39 43.6 35.7 53.5

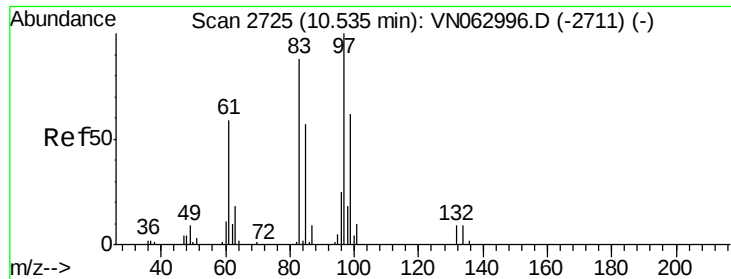


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.254 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

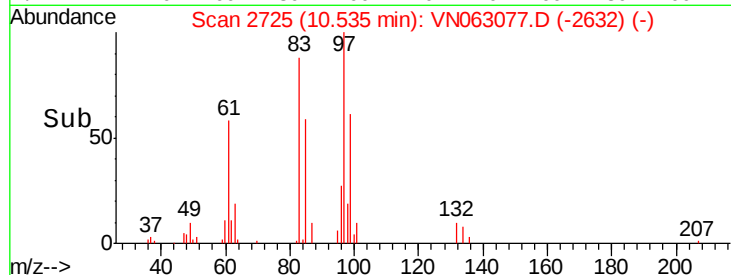
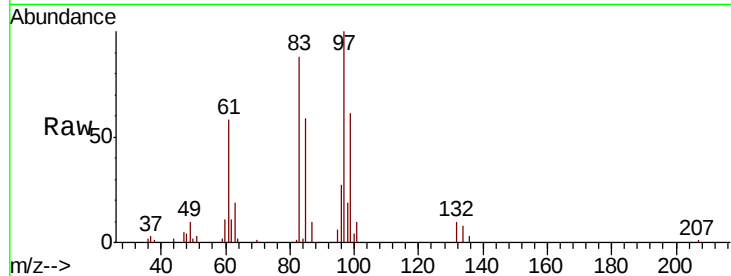
MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion: 97 Resp: 35890

Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	58.5	45.8	68.6
99	61.2	49.7	74.5

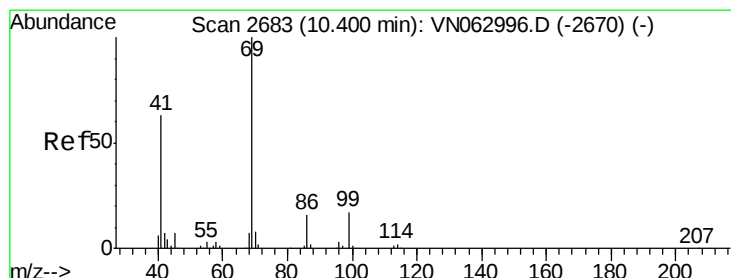


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.957 ug/l

RT: 10.40 min Scan# 2684

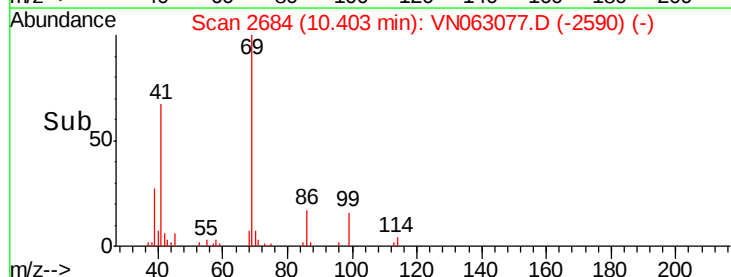
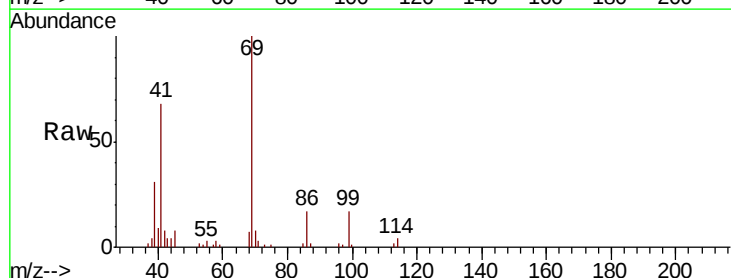
Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion: 69 Resp: 45980

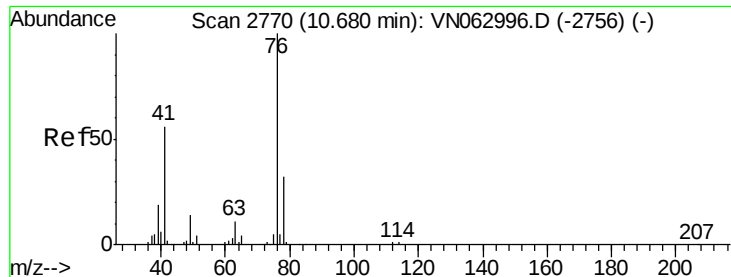
Ion	Ratio	Lower	Upper
69	100		
41	66.8	50.2	75.2
39	32.2	24.2	36.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

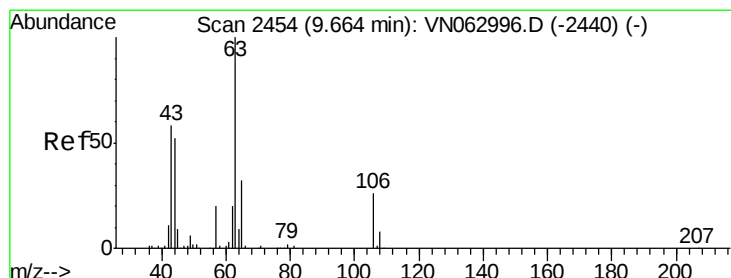
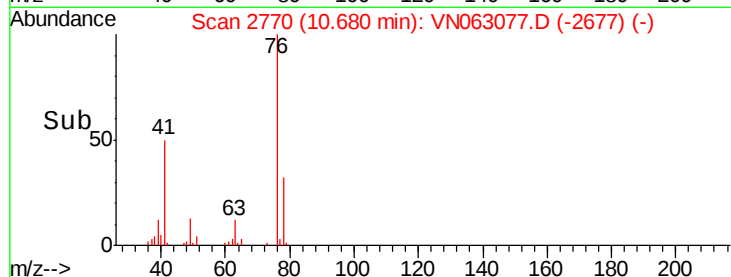
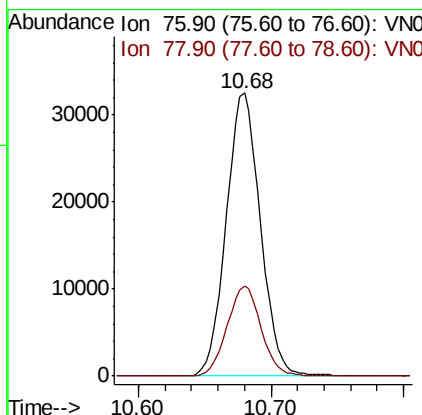
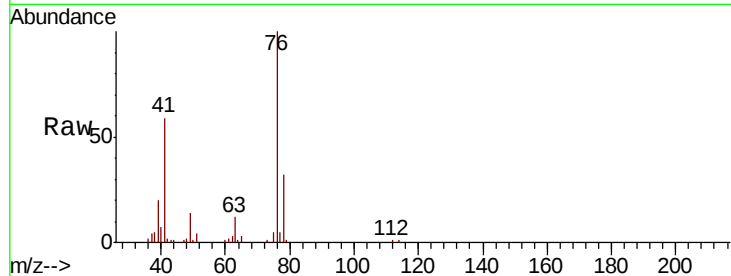
Ion 39.00 (38.70 to 39.70): VN0



#57
 1,3-Dichloropropane
 Concen: 19.747 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

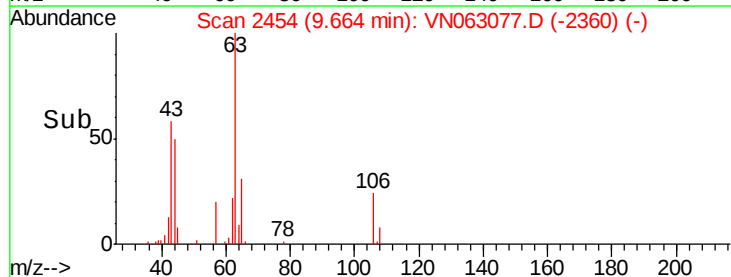
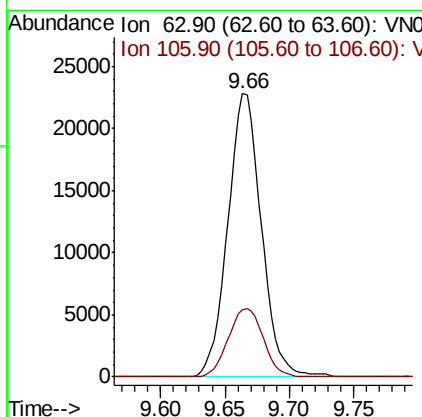
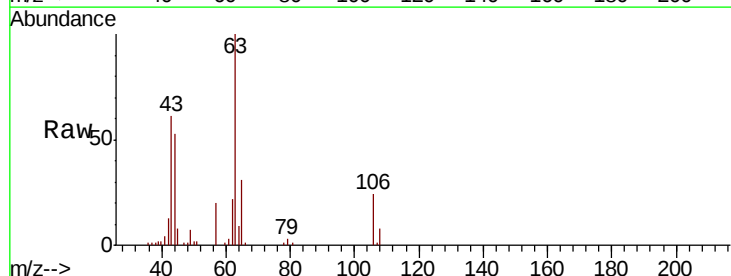
Instrument :
 MSVOA_N
 ClientSampled :
 VN0821WBS02

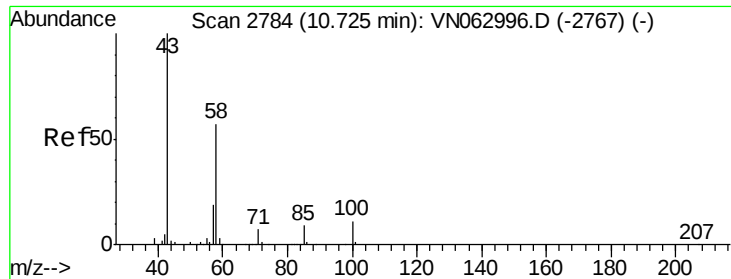
Tot Ion: 76 Resp: 58106
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 71.161 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 63 Resp: 41243
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.7 31.1

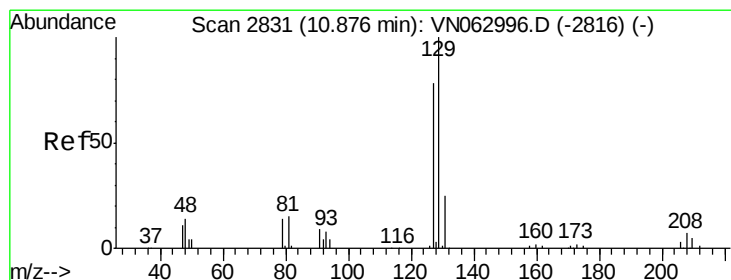
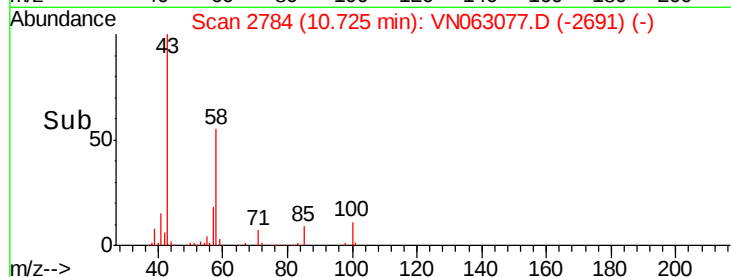
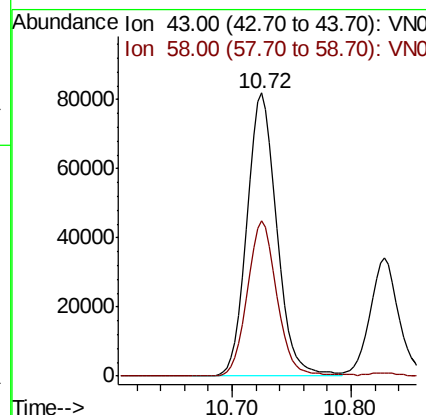
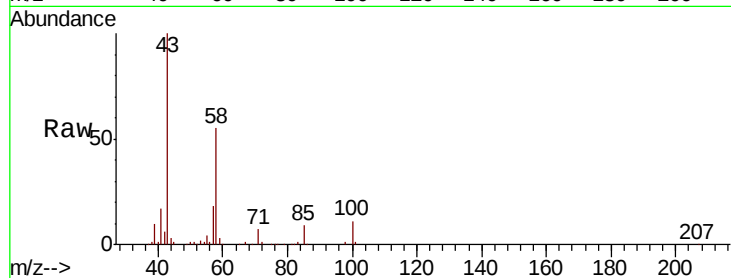




#59
2-Hexanone
Concen: 96.257 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

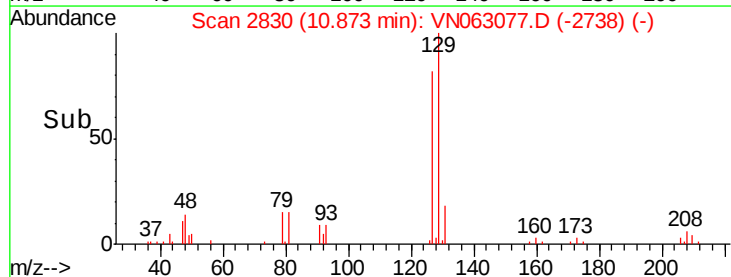
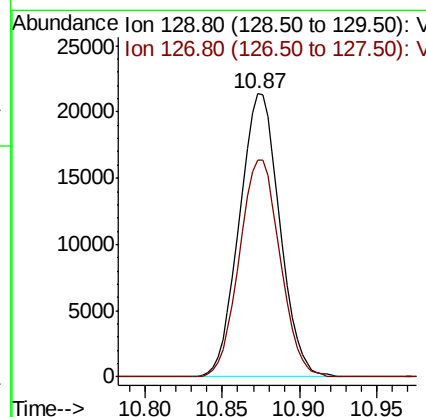
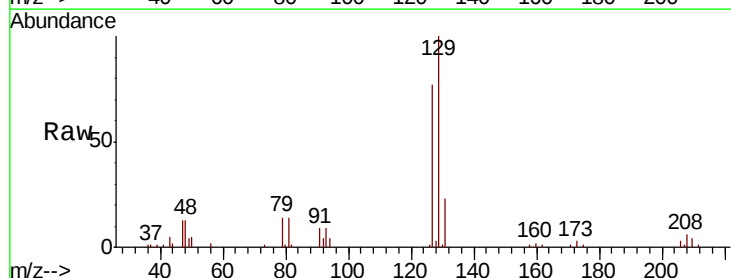
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

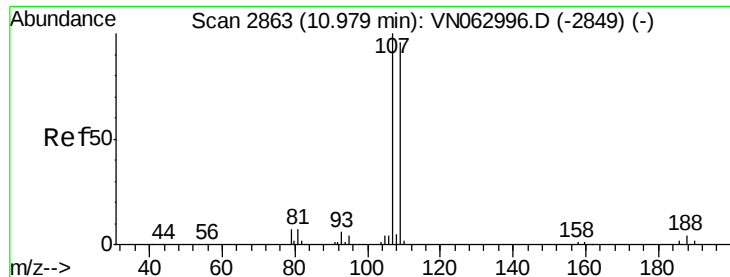
Tot Ion: 43 Resp: 142698
Ion Ratio Lower Upper
43 100
58 54.5 28.1 84.3



#60
Dibromochloromethane
Concen: 19.771 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 129 Resp: 38771
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2

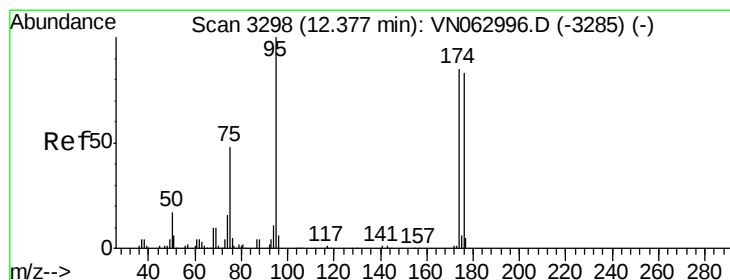
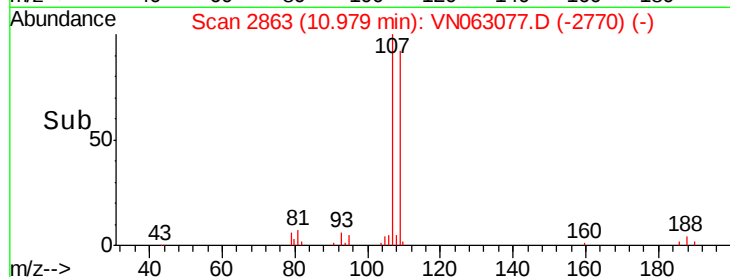
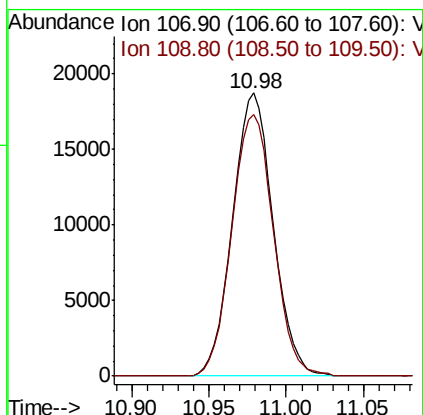
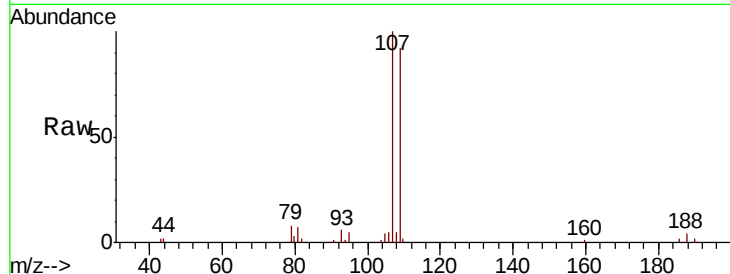




#61
 1,2-Dibromoethane
 Concen: 20.032 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

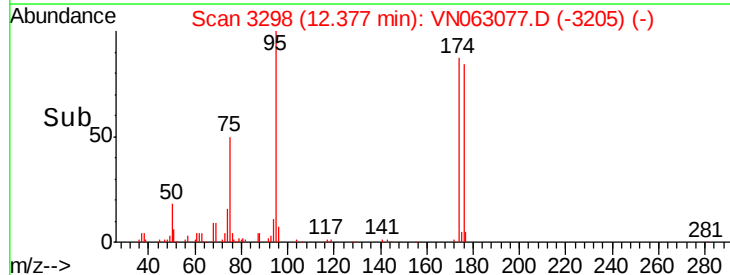
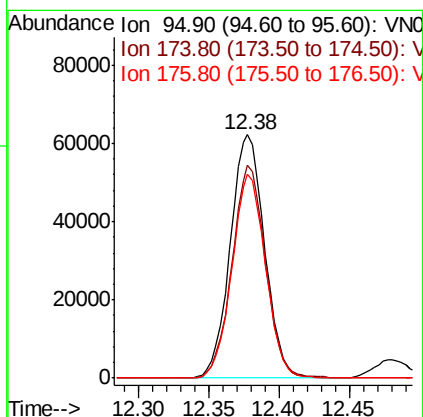
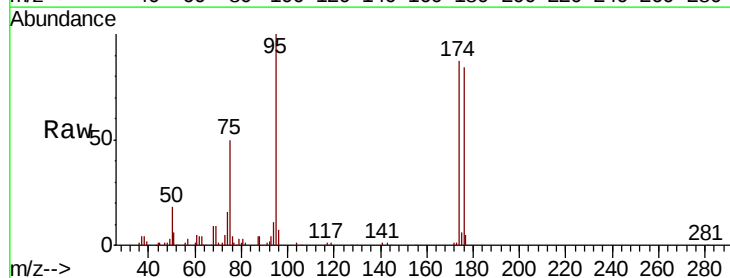
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

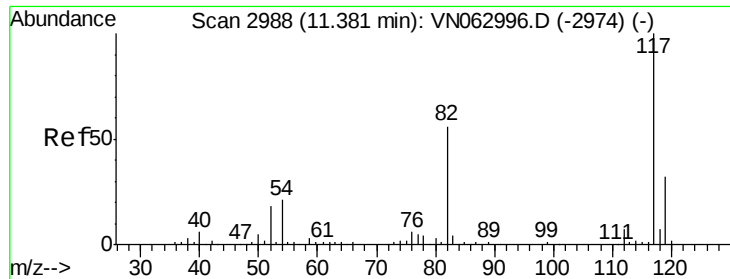
Tot Ion:107 Resp: 34107
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.774 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 95 Resp: 105879
 Ion Ratio Lower Upper
 95 100
 174 85.2 0.0 170.8
 176 81.9 0.0 164.8

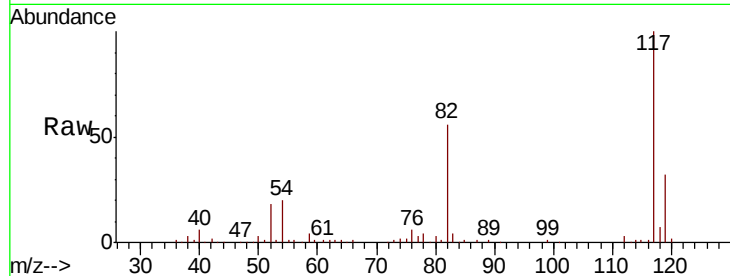




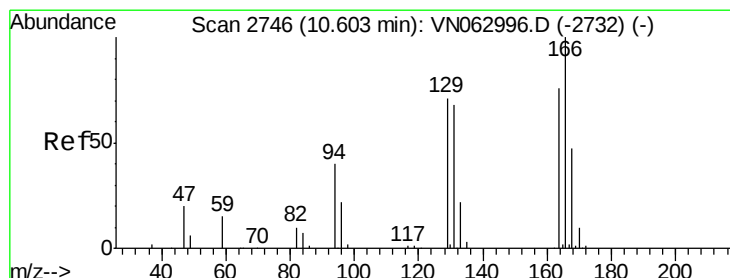
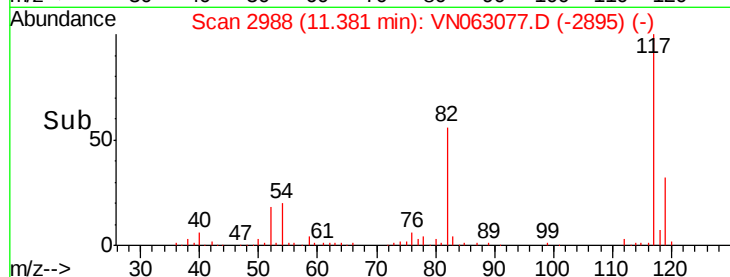
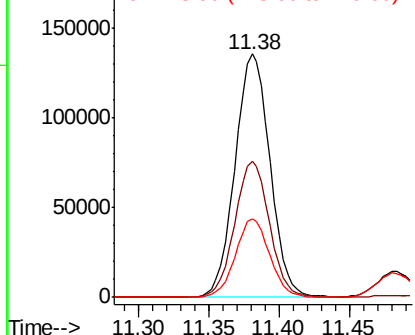
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion:117 Resp: 235871
Ion Ratio Lower Upper
117 100
82 56.0 44.5 66.7
119 32.4 25.5 38.3

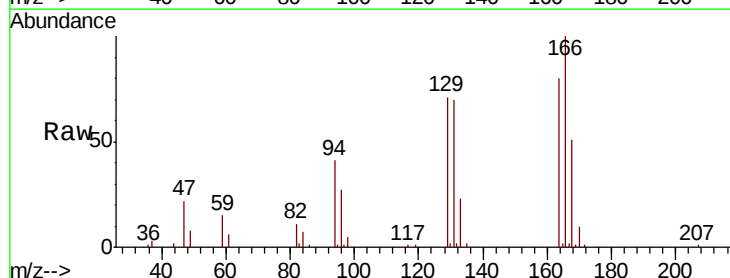


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

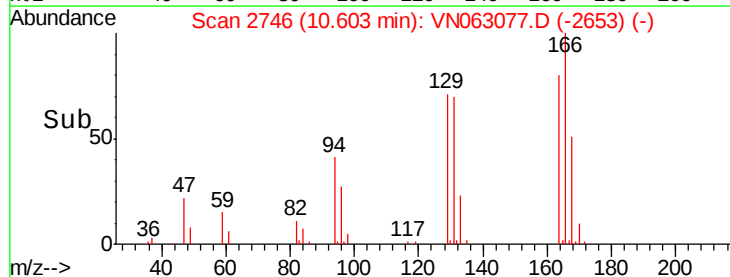
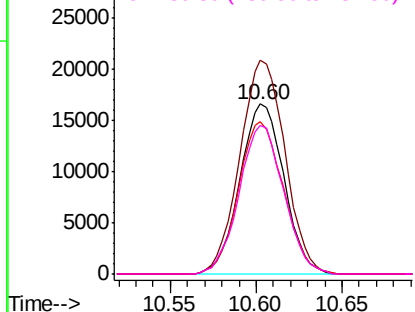


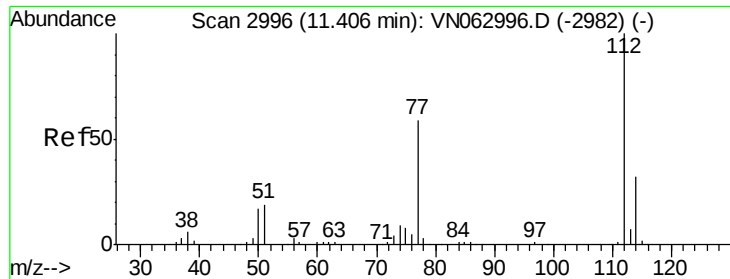
#64
Tetrachloroethene
Concen: 19.009 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion:164 Resp: 29473
Ion Ratio Lower Upper
164 100
166 125.7 105.0 157.6
129 89.9 74.7 112.1
131 87.8 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

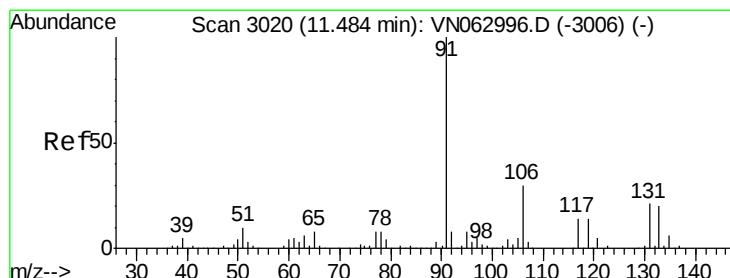
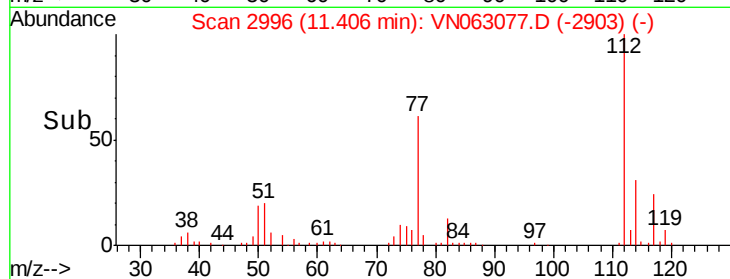
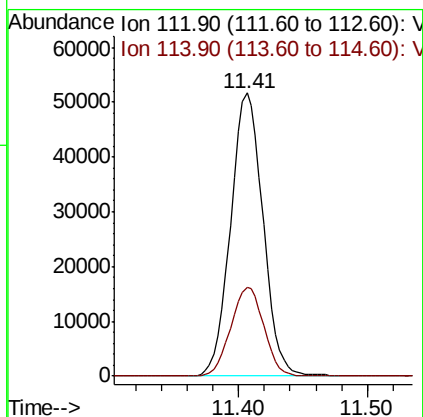
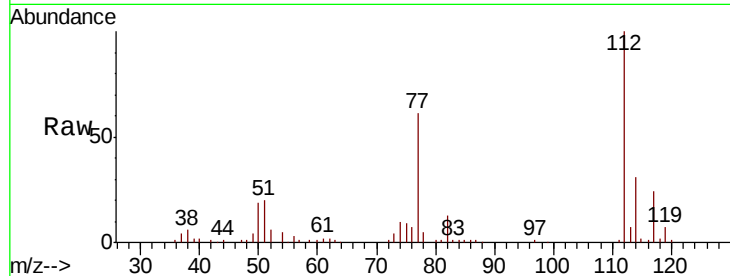




#65
Chlorobenzene
Concen: 19.017 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

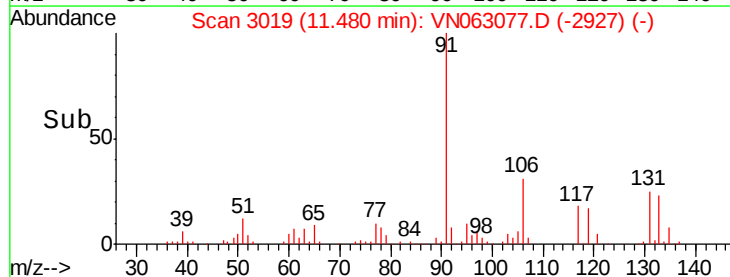
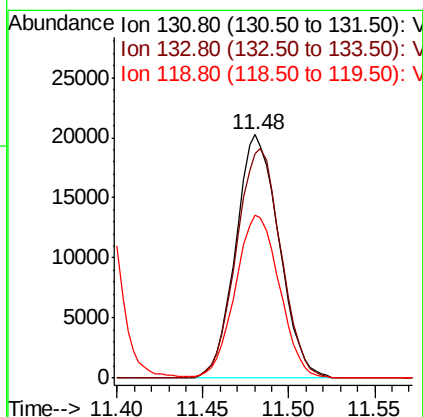
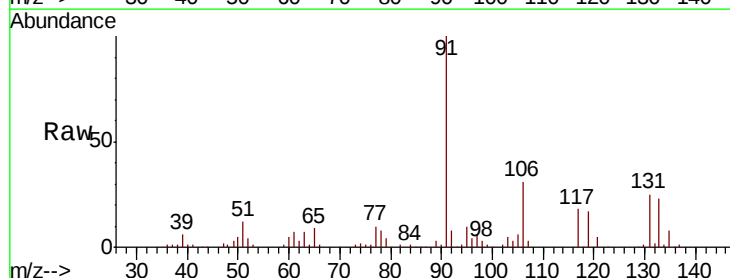
Instrument :
MSVOA_N
ClientSampled :
VN0821WBS02

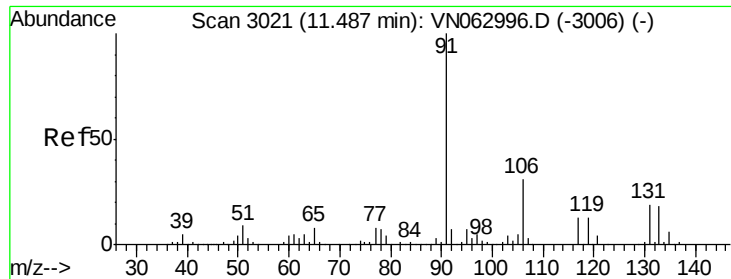
Tot Ion:112 Resp: 90085
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.220 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion:131 Resp: 35414
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.6
119 68.4 33.1 99.3

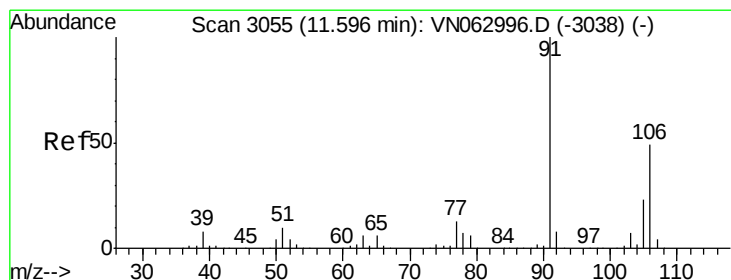
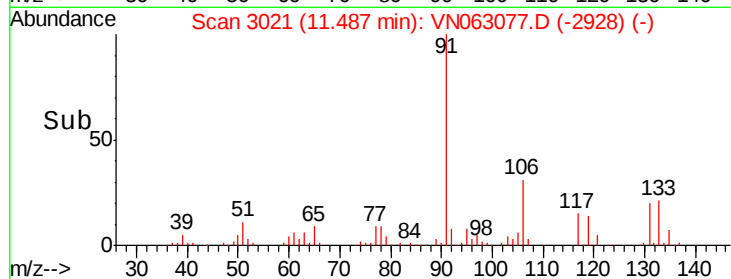
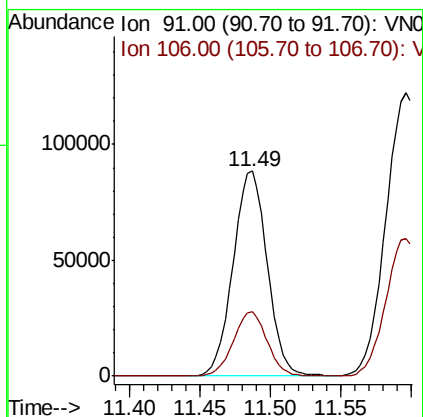
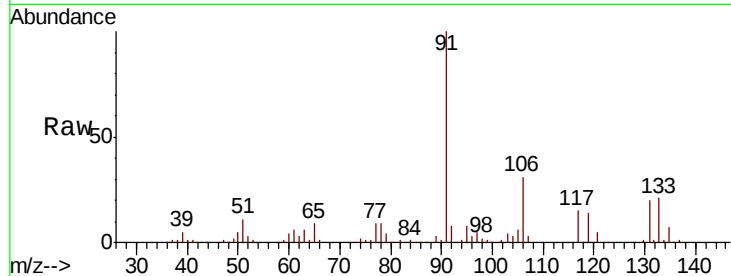




#67
Ethyl Benzene
Concen: 18.785 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

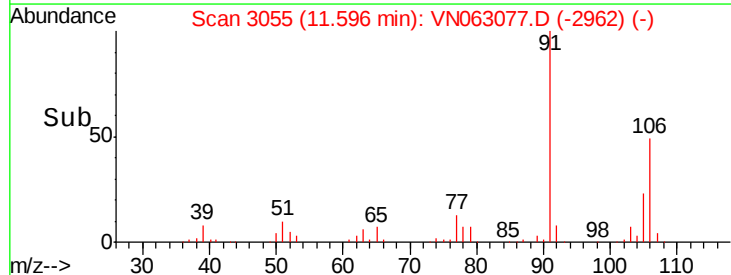
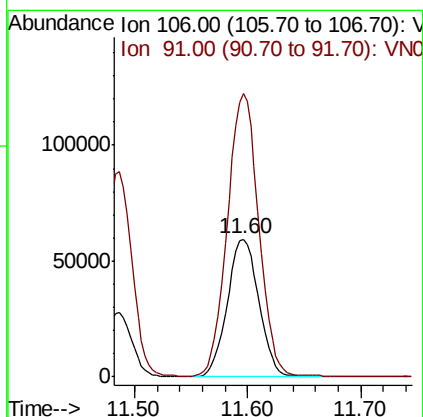
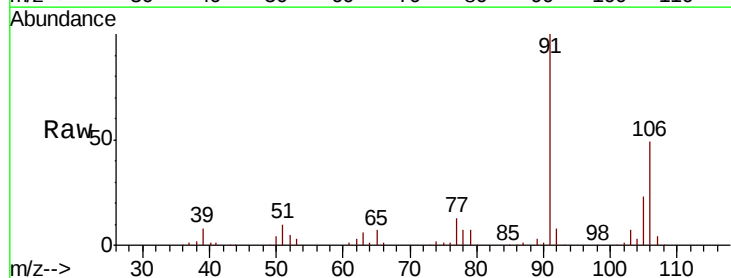
Instrument :
MSVOA_N
ClientSampled :
VN0821WBS02

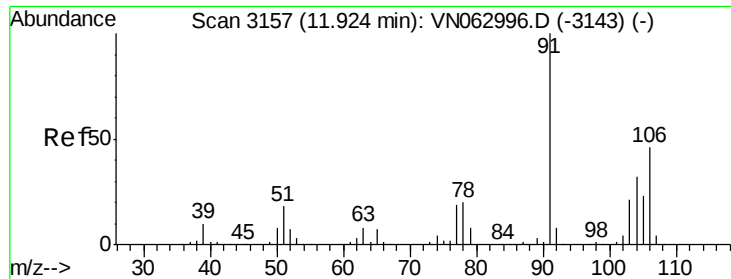
Tot Ion: 91 Resp: 150362
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 38.894 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 106 Resp: 115708
Ion Ratio Lower Upper
106 100
91 204.1 163.0 244.4

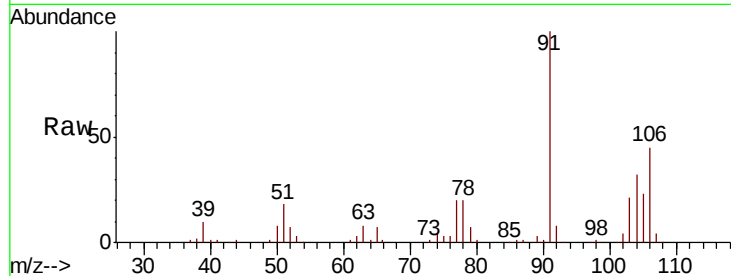




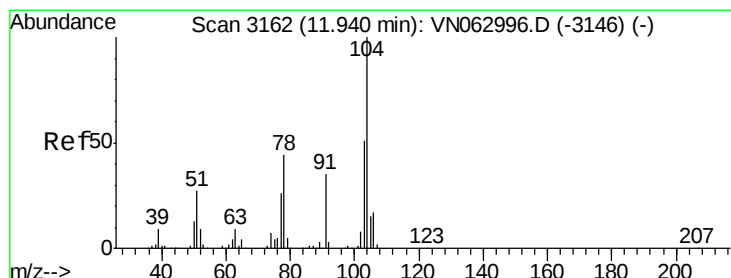
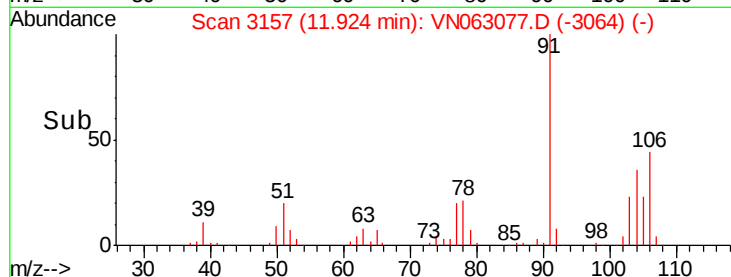
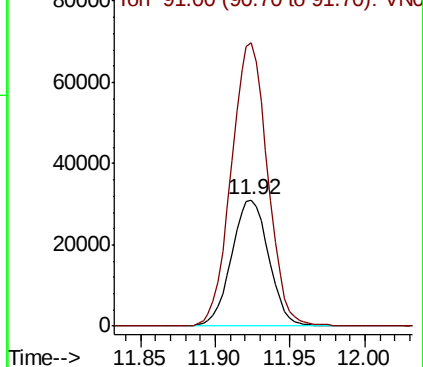
#69
o-Xylene
Concen: 18.861 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion:106 Resp: 53883
Ion Ratio Lower Upper
106 100
91 219.1 107.3 321.9

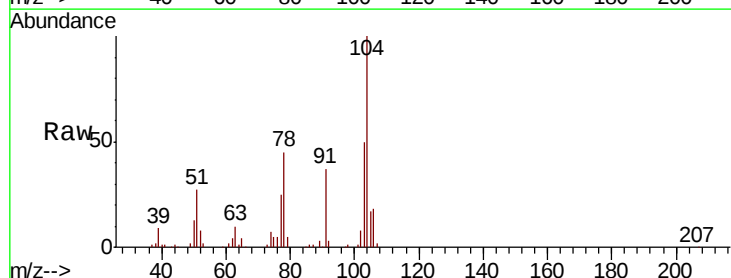


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

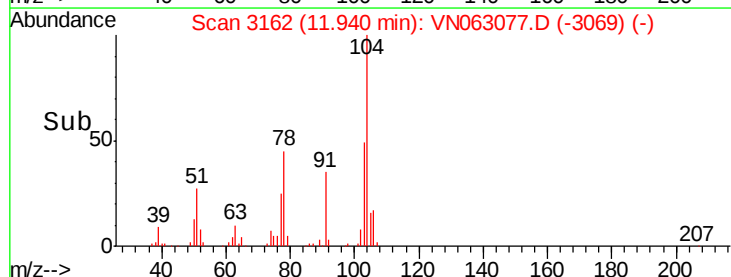
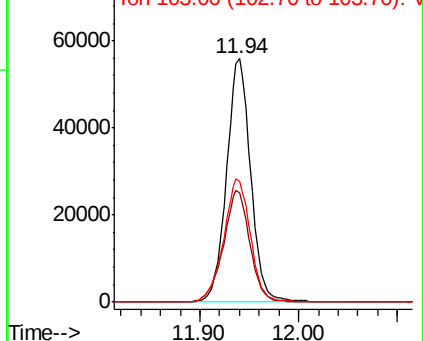


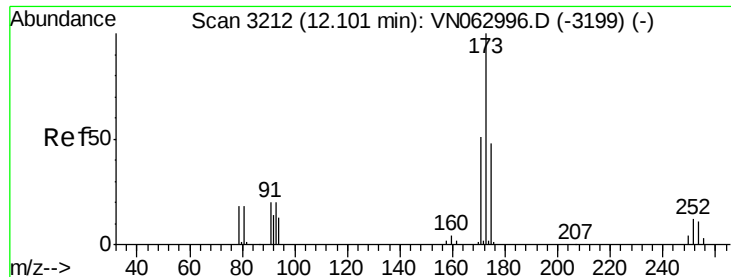
#70
Styrene
Concen: 18.206 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion:104 Resp: 96001
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.6
103 55.7 44.3 66.5



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





#71

Bromoform

Concen: 19.321 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

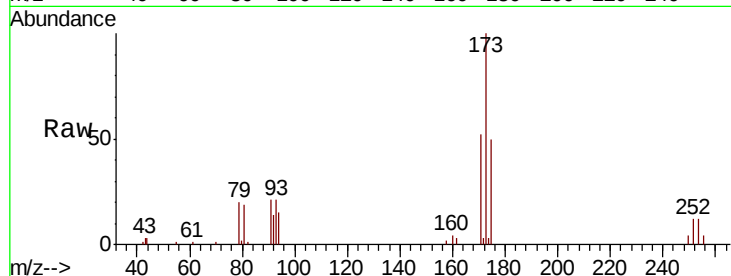
Tot Ion:173 Resp: 28337

Ion Ratio Lower Upper

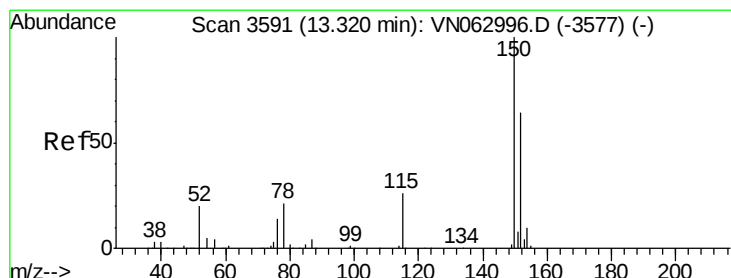
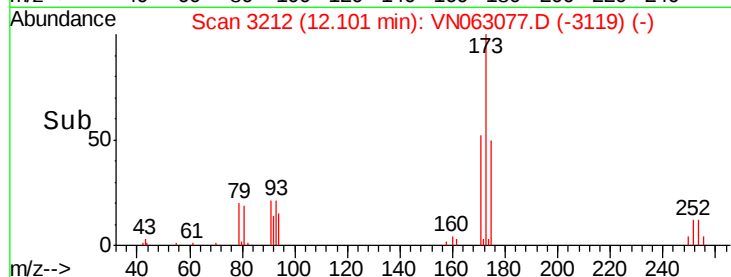
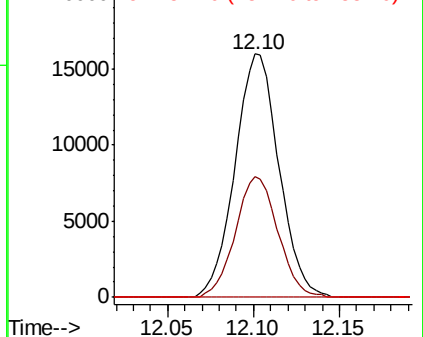
173 100

175 47.9 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

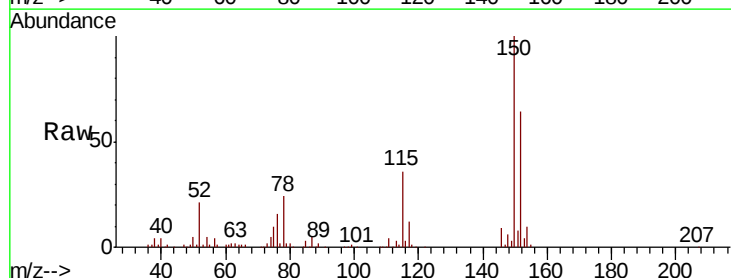
Tgt Ion:152 Resp: 107463

Ion Ratio Lower Upper

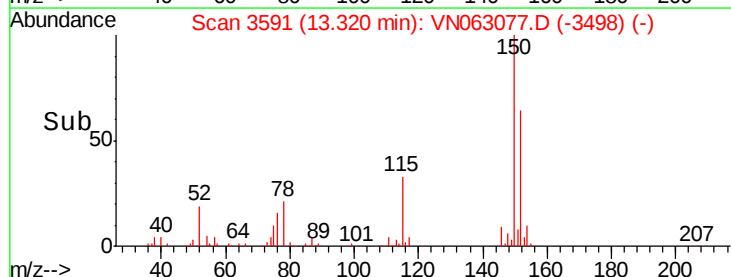
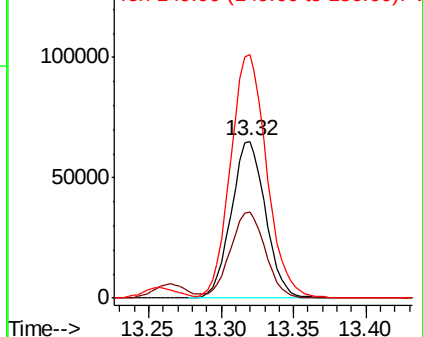
152 100

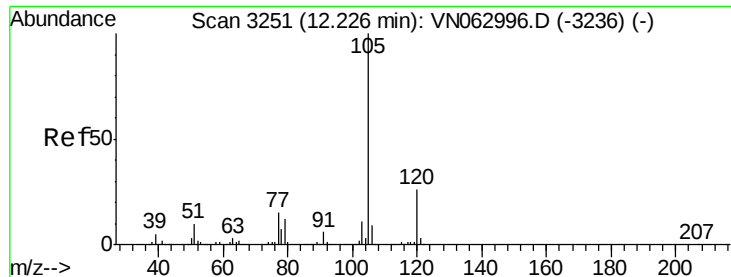
115 56.4 28.7 86.3

150 163.9 0.0 348.8



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





#73

Isopropylbenzene

Concen: 20.096 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampled :

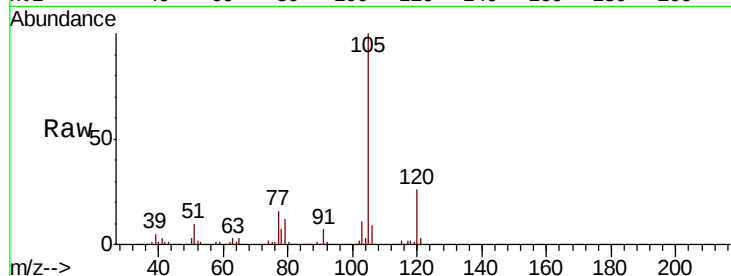
VN0821WBS02

Tot Ion:105 Resp: 147891

Ion Ratio Lower Upper

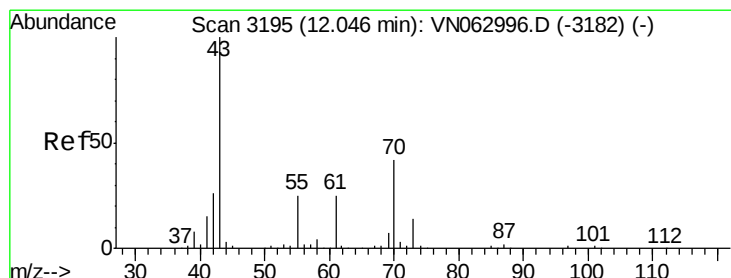
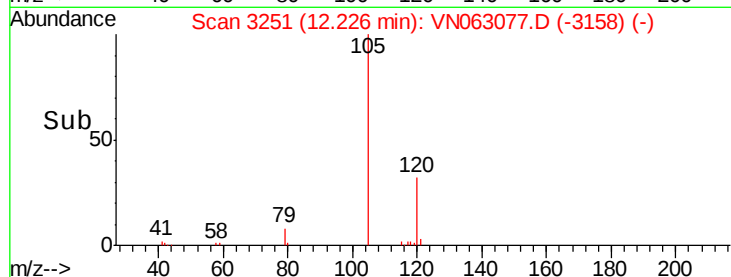
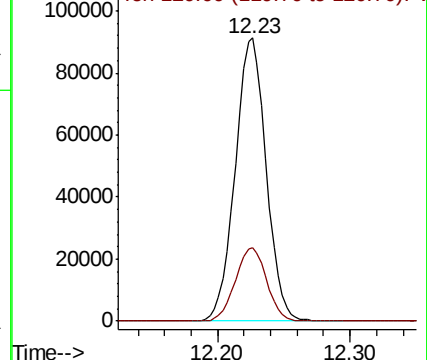
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.072 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion: 43 Resp: 52904

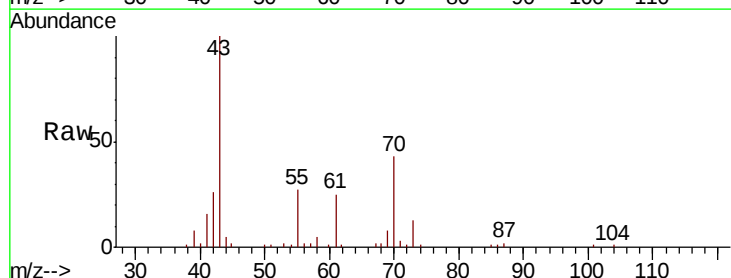
Ion Ratio Lower Upper

43 100

70 42.3 33.4 50.0

55 26.1 20.2 30.2

61 23.5 19.9 29.9

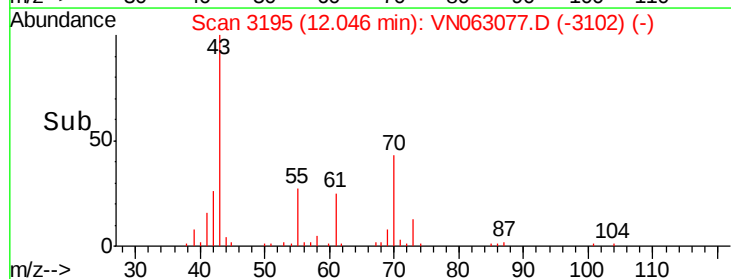
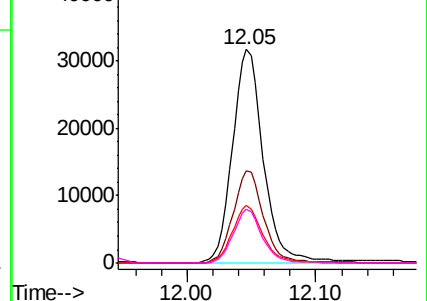


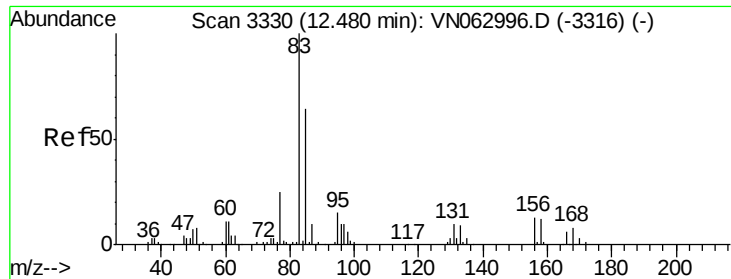
Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN





#75

1,1,2,2-Tetrachloroethane

Concen: 21.584 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

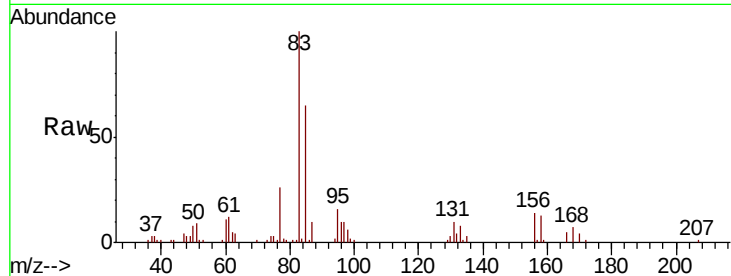
Tot Ion: 83 Resp: 53528

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

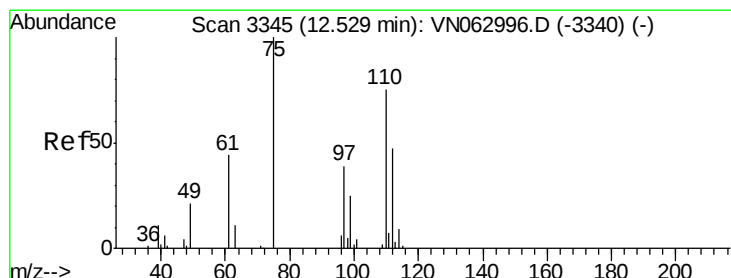
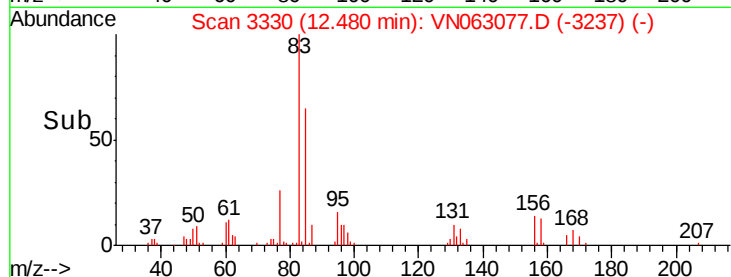
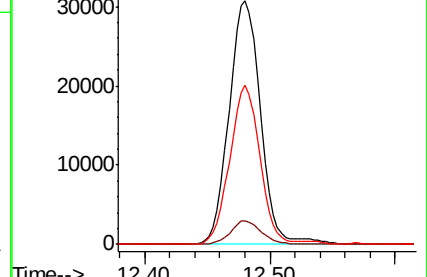
85 62.4 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.595 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN063077.D

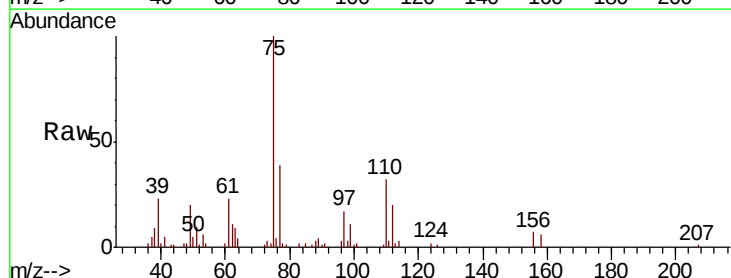
Acq: 21 Aug 2020 13:48

Tgt Ion: 75 Resp: 61819

Ion Ratio Lower Upper

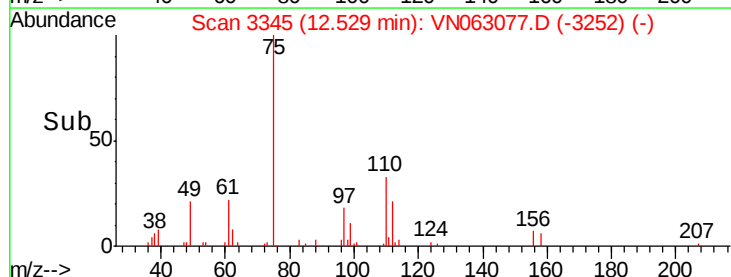
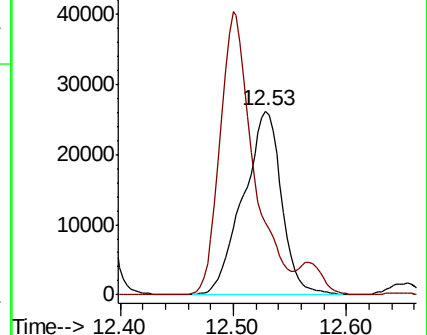
75 100

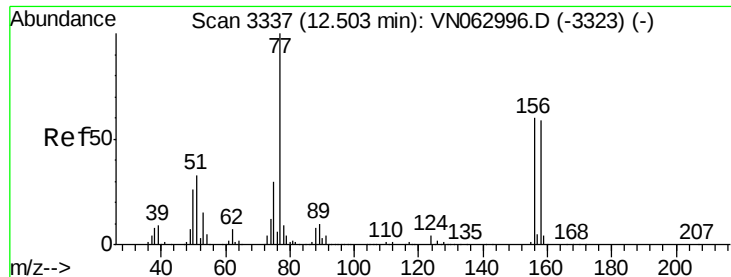
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.280 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

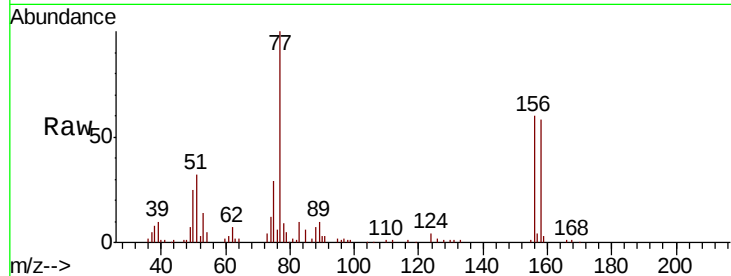
Tot Ion:156 Resp: 41045

Ion Ratio Lower Upper

156 100

77 201.5 101.0 302.9

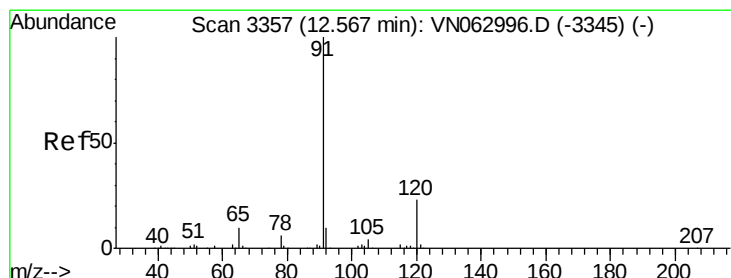
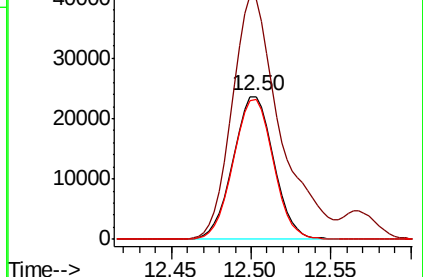
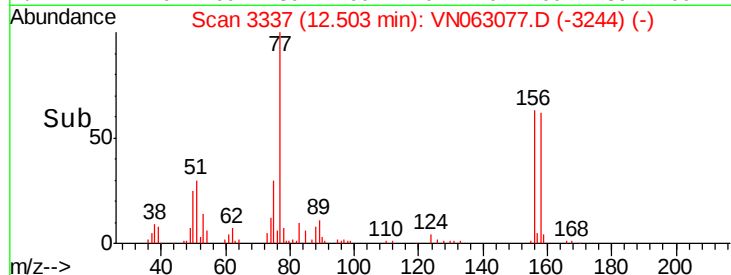
158 96.4 49.4 148.0



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: 20.688 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063077.D

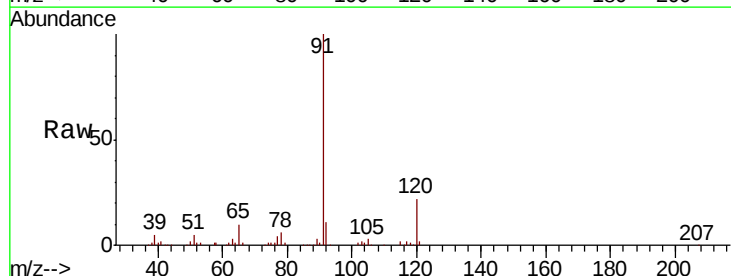
Acq: 21 Aug 2020 13:48

Tgt Ion: 91 Resp: 173536

Ion Ratio Lower Upper

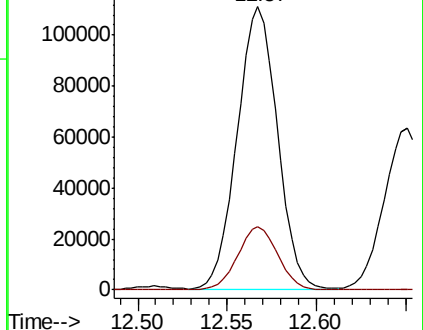
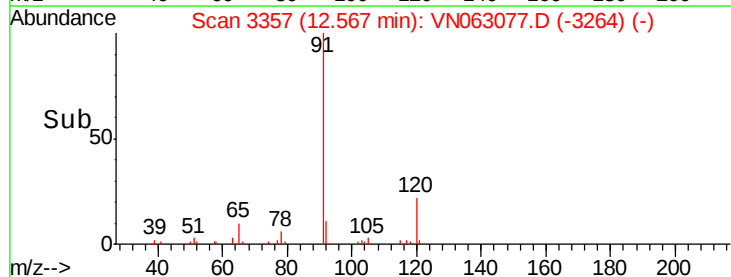
91 100

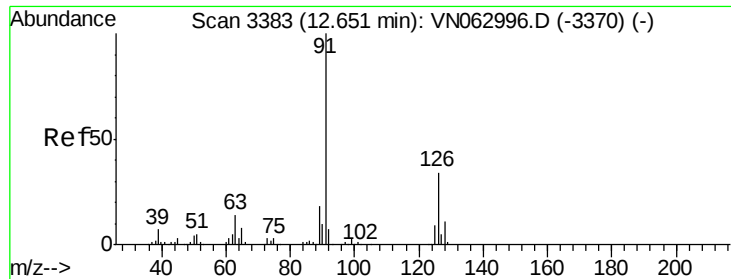
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.980 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampled :

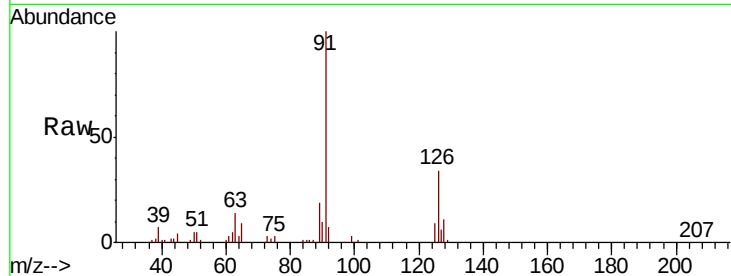
VN0821WBS02

Tot Ion: 91 Resp: 105412

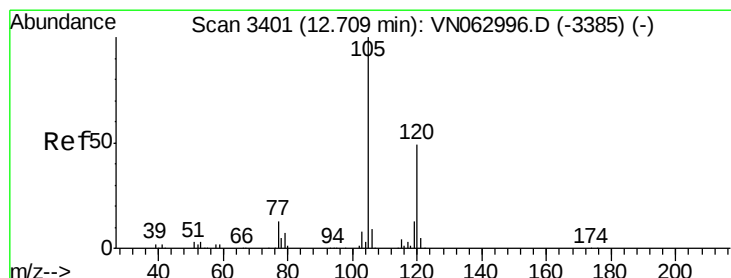
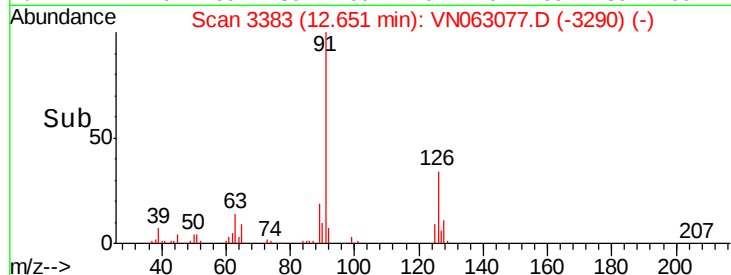
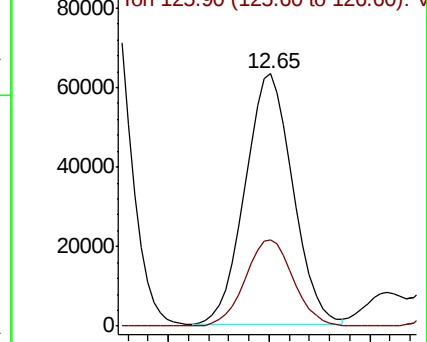
Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.606 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063077.D

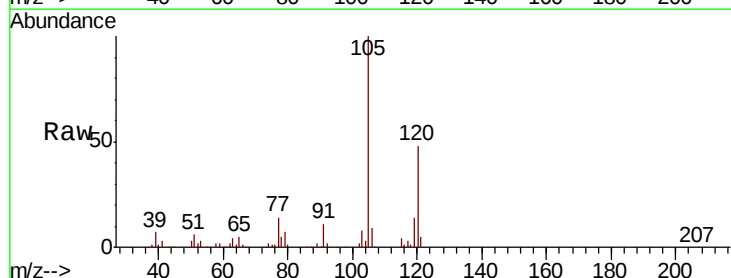
Acq: 21 Aug 2020 13:48

Tgt Ion:105 Resp: 125356

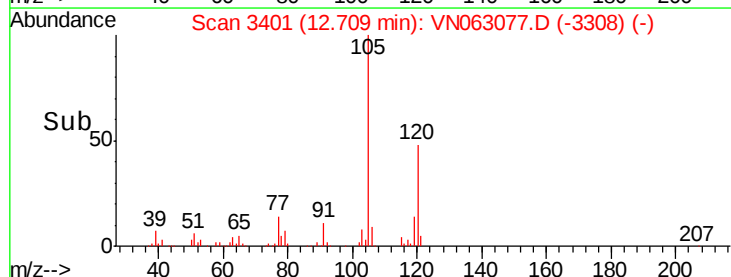
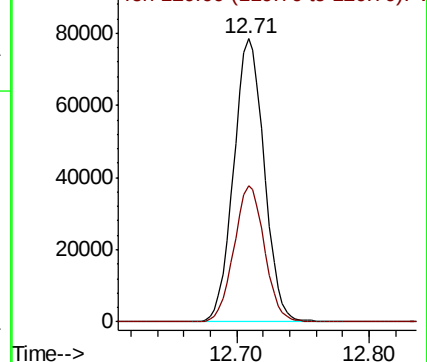
Ion Ratio Lower Upper

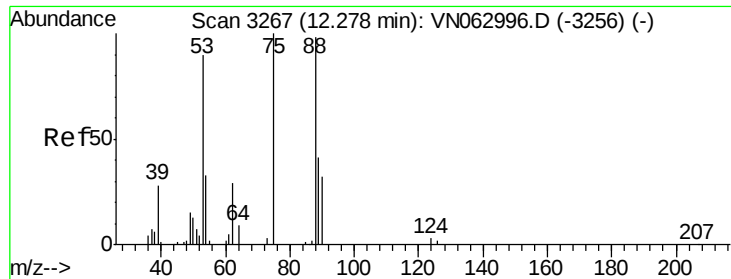
105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN062996.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.773 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

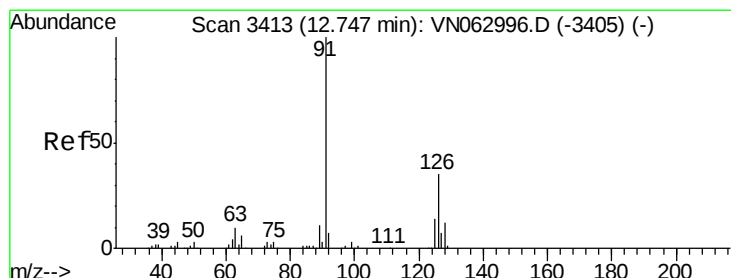
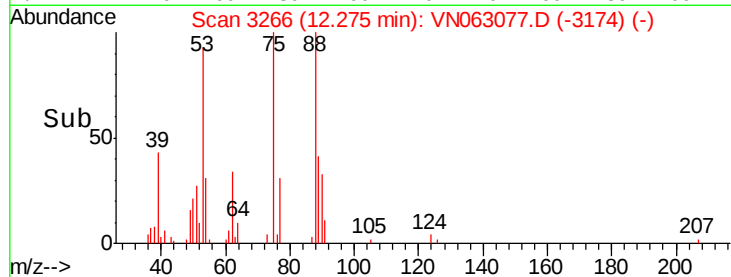
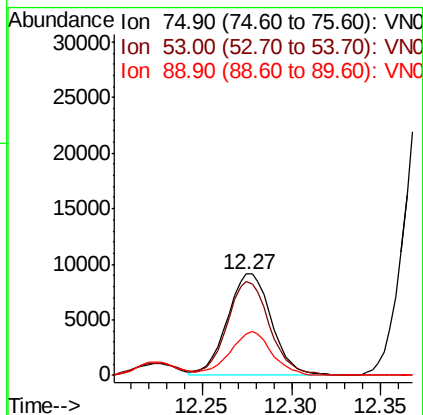
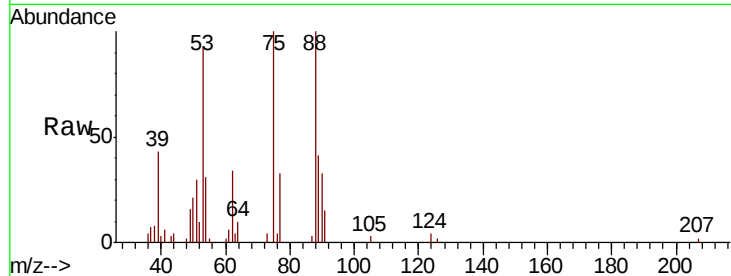
Tot Ion: 75 Resp: 15799

Ion Ratio Lower Upper

75 100

53 88.9 69.2 103.8

89 41.0 34.2 51.4



#82

4-Chlorotoluene

Concen: 20.379 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063077.D

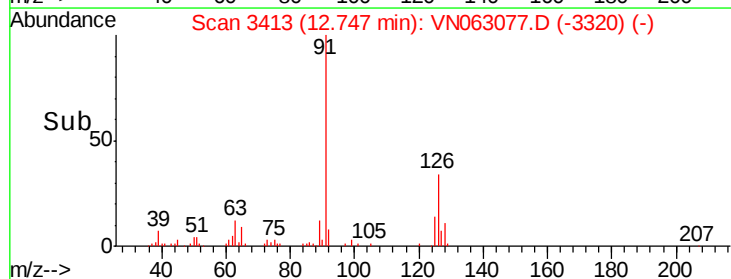
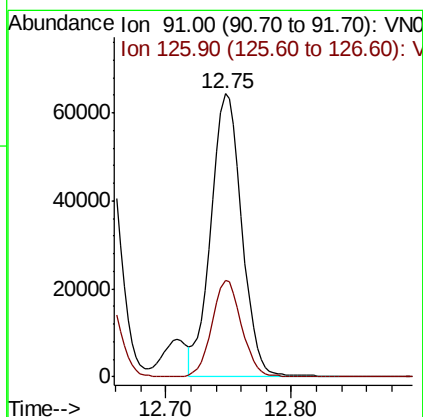
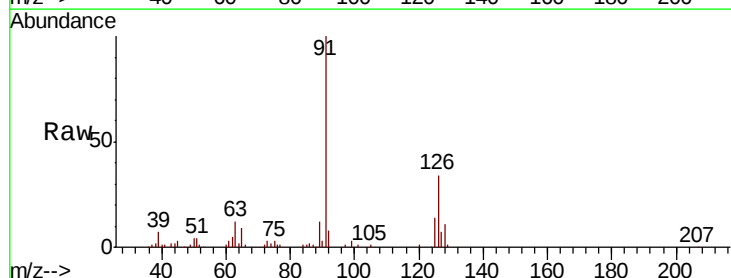
Acq: 21 Aug 2020 13:48

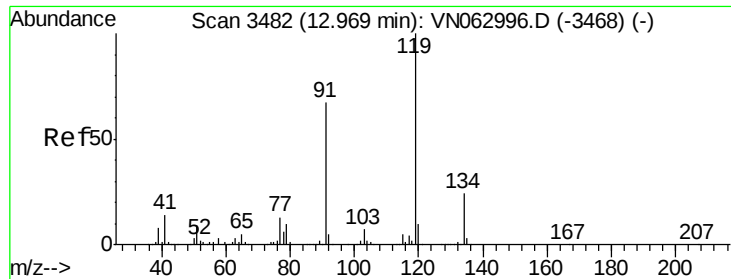
Tgt Ion: 91 Resp: 109483

Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5

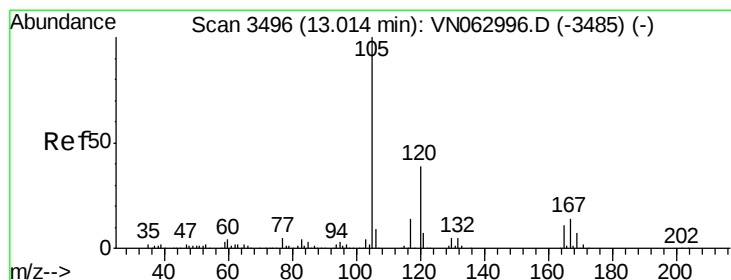
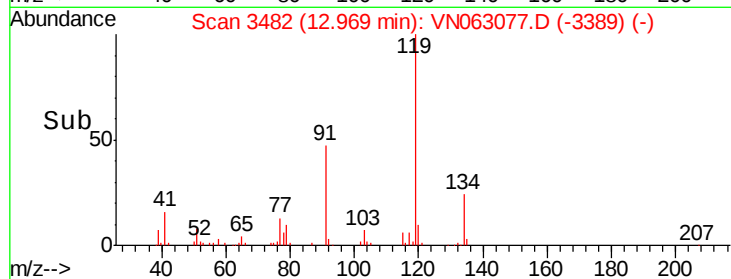
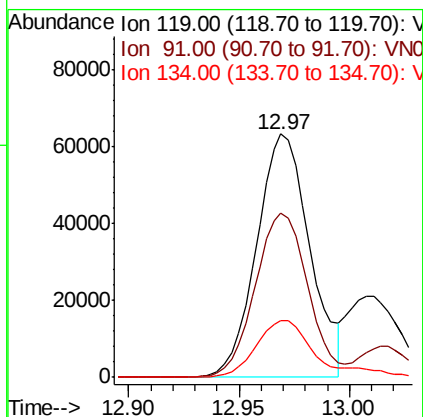
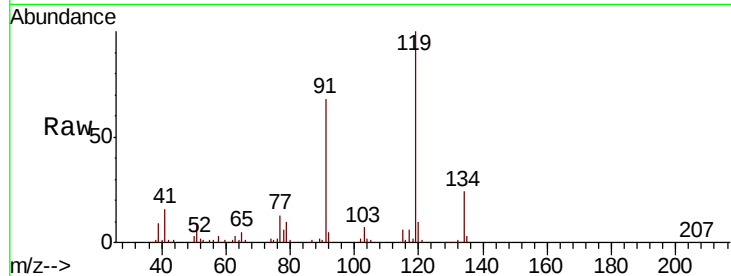




#83
tert-Butylbenzene
Concen: 20.165 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

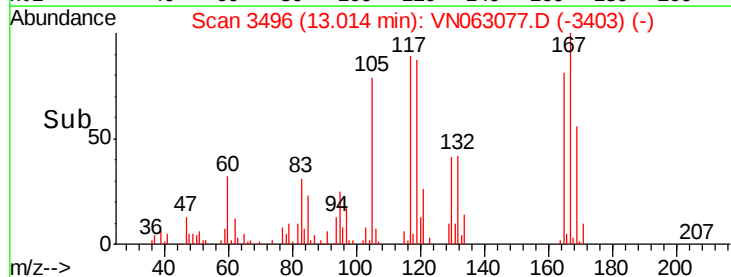
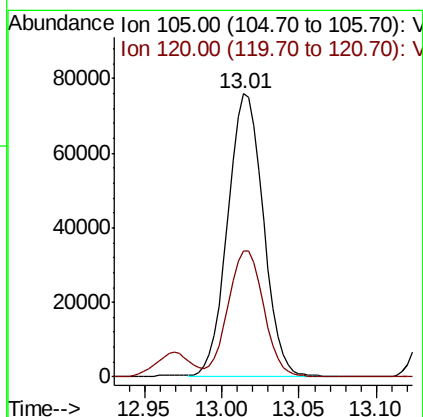
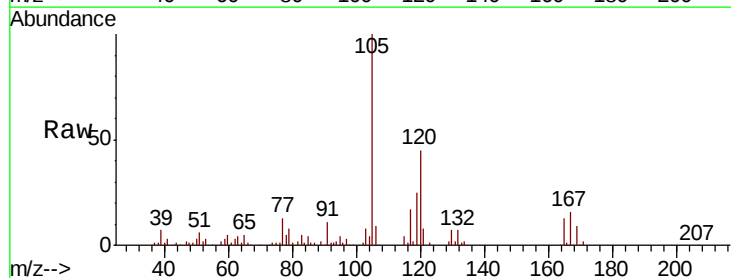
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

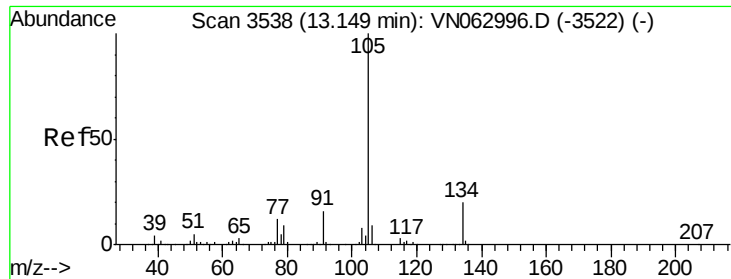
Tot Ion:119 Resp: 105876
Ion Ratio Lower Upper
119 100
91 66.8 32.5 97.4
134 26.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 20.378 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion:105 Resp: 120772
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5

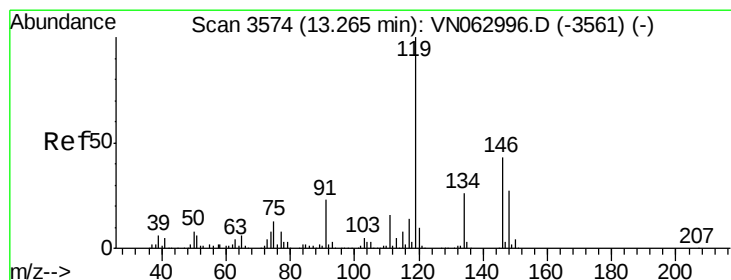
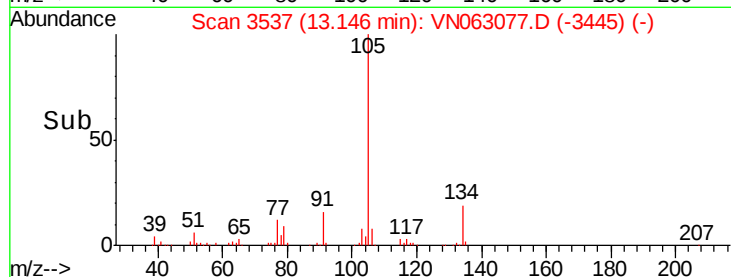
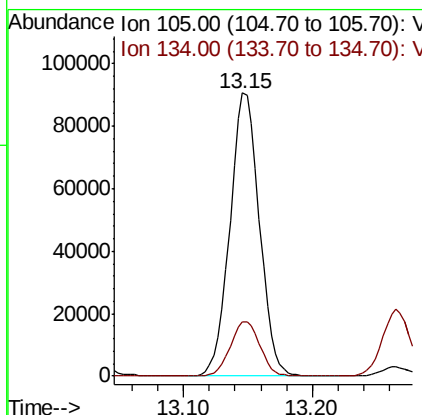
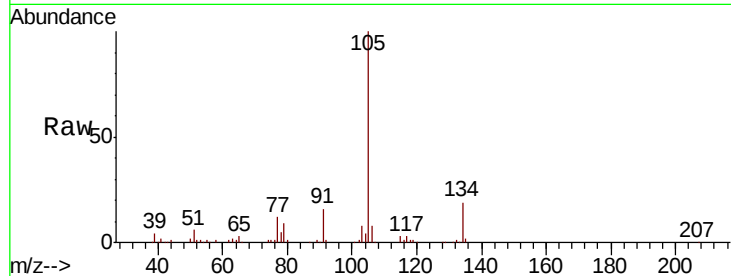




#85
 sec-Butylbenzene
 Concen: 20.265 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

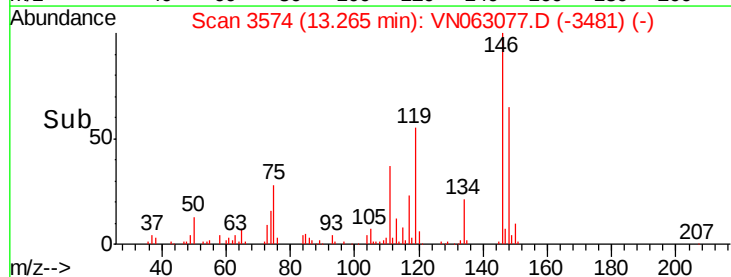
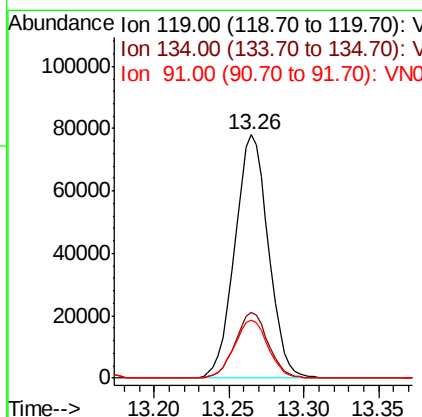
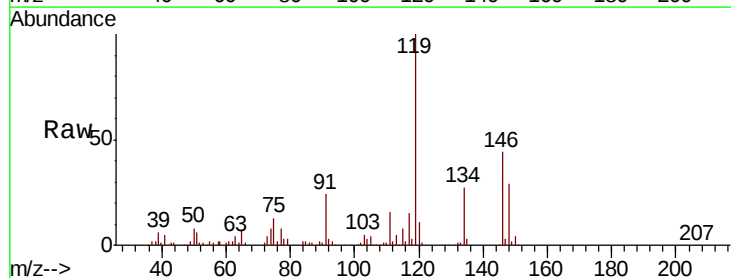
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0821WBS02

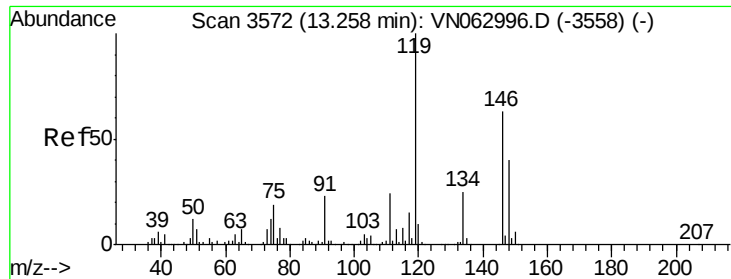
Tot Ion:105 Resp: 143799
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.682 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion:119 Resp: 121695
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 24.2 11.5 34.4

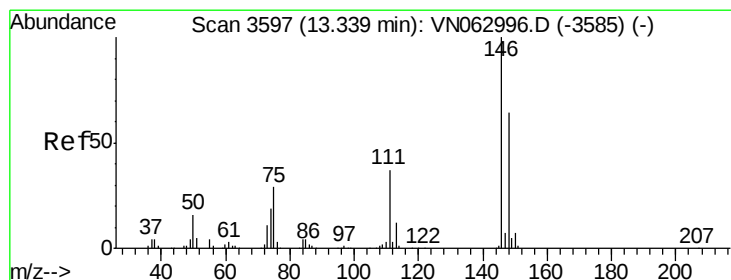
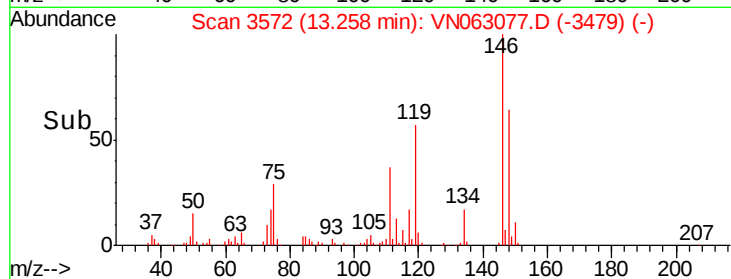
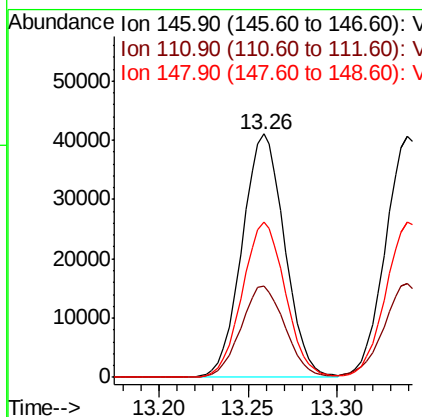
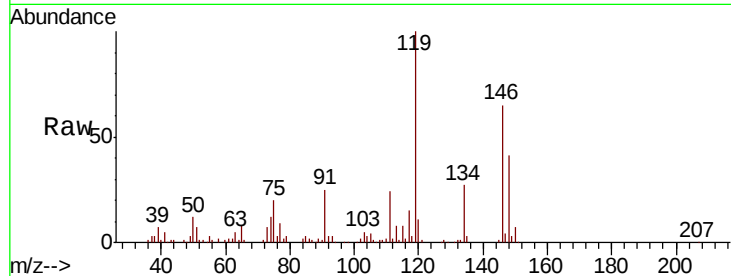




#87
 1,3-Dichlorobenzene
 Concen: 19.687 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

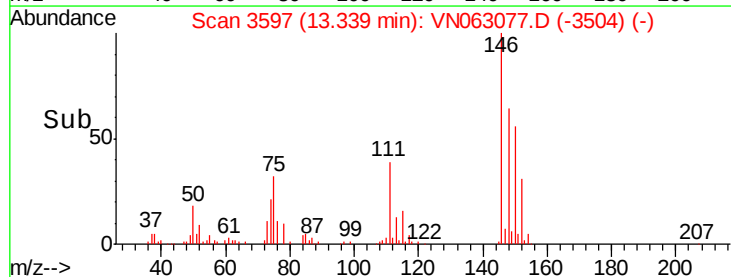
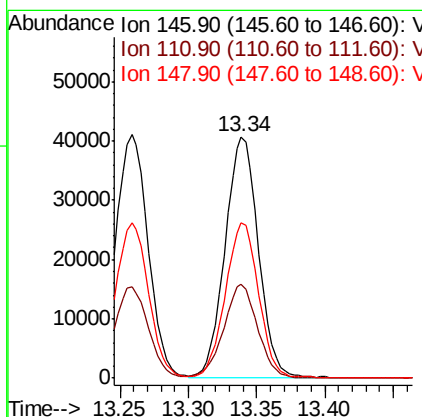
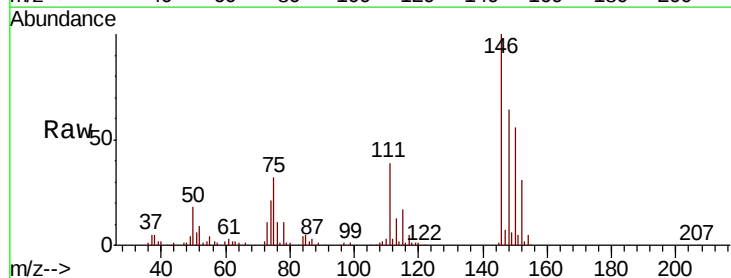
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

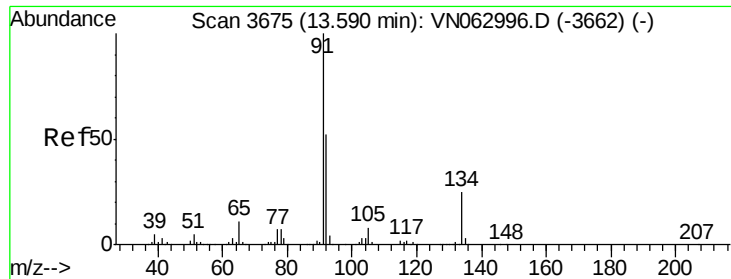
Tot Ion:146 Resp: 68478
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.601 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion:146 Resp: 69201
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.8 56.4
 148 64.4 32.4 97.0

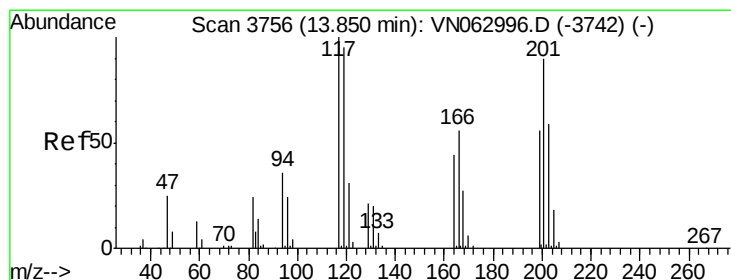
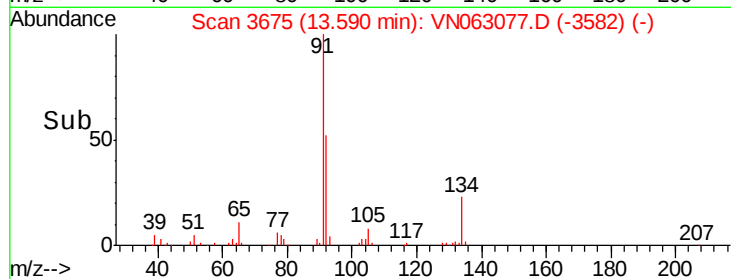
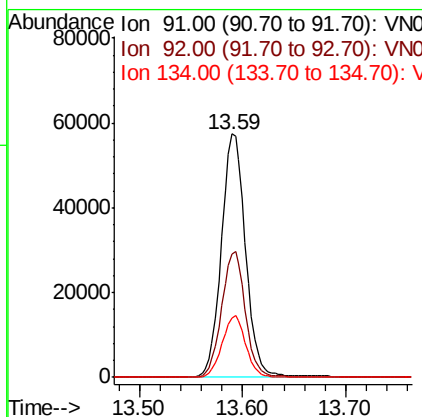
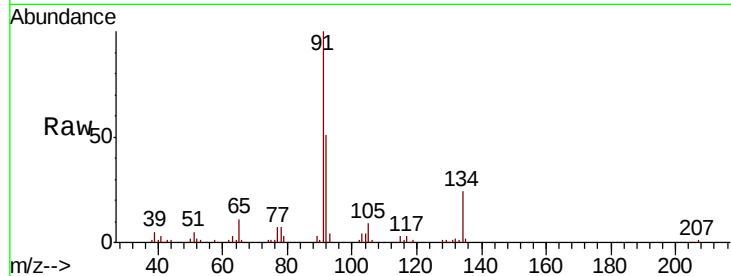




#89
n-Butylbenzene
Concen: 17.968 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

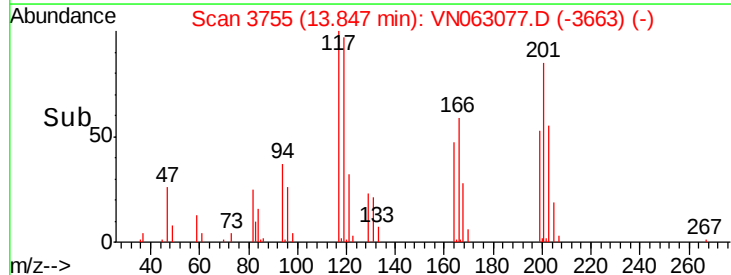
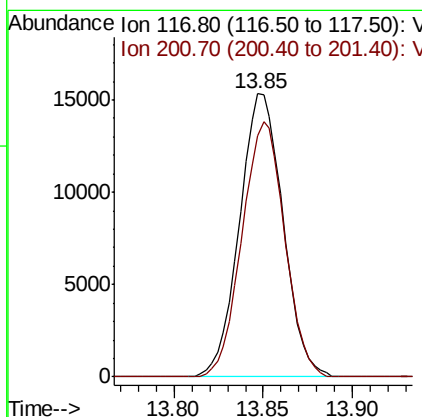
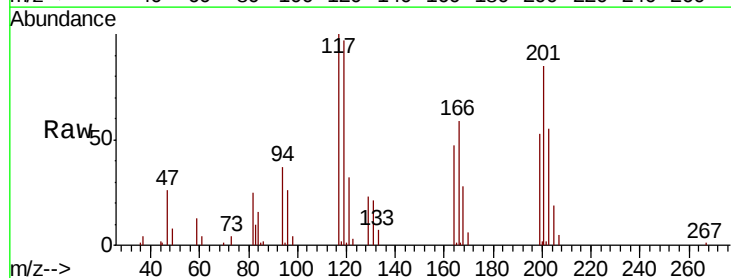
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

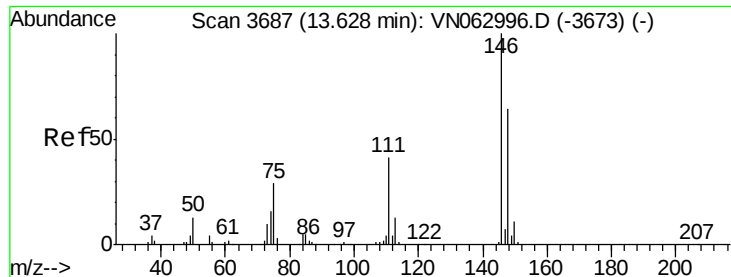
Tot Ion: 91 Resp: 94286
Ion Ratio Lower Upper
91 100
92 50.4 25.9 77.6
134 24.4 12.4 37.0



#90
Hexachloroethane
Concen: 19.894 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 117 Resp: 26145
Ion Ratio Lower Upper
117 100
201 88.3 44.1 132.4

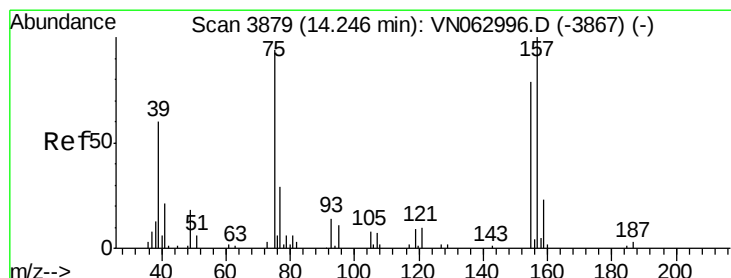
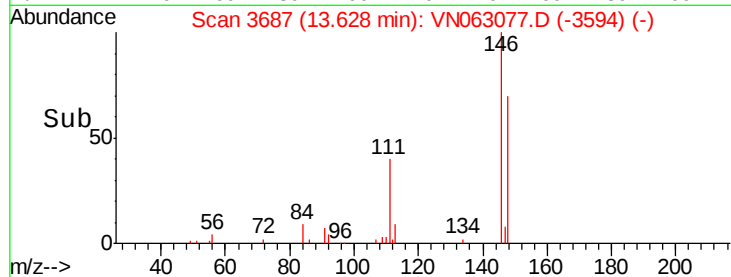
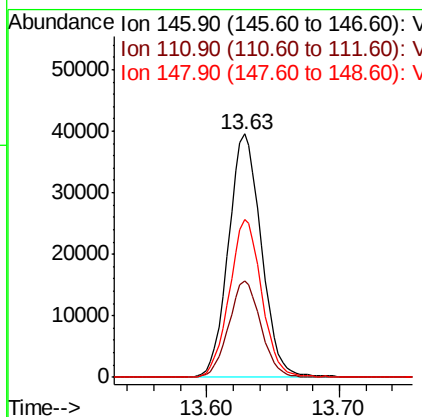
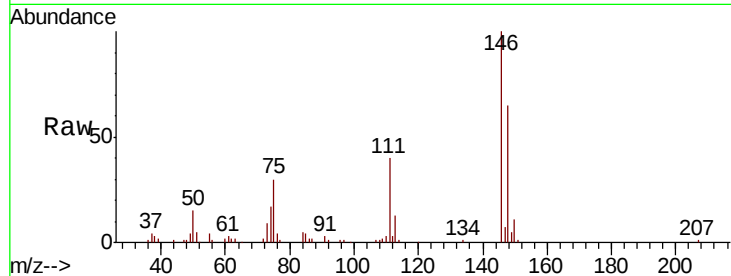




#91
 1,2-Dichlorobenzene
 Concen: 20.284 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

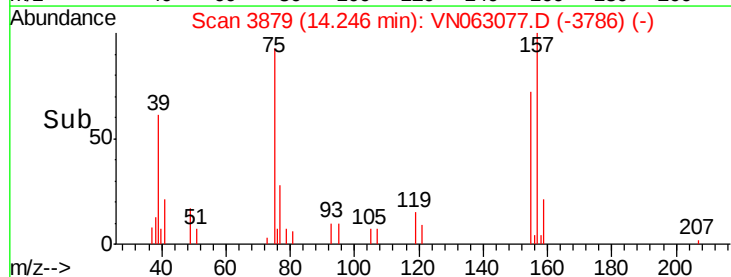
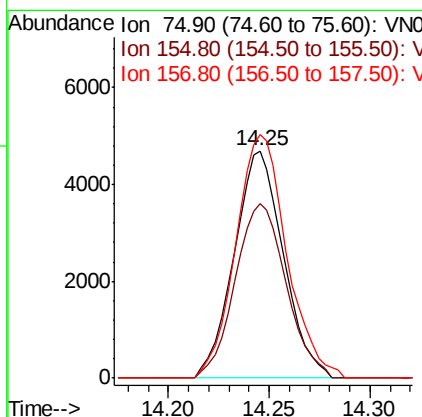
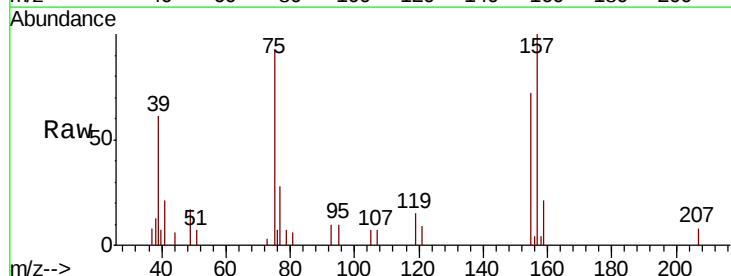
Instrument :
 MSVOA_N
 ClientSampled :
 VN0821WBS02

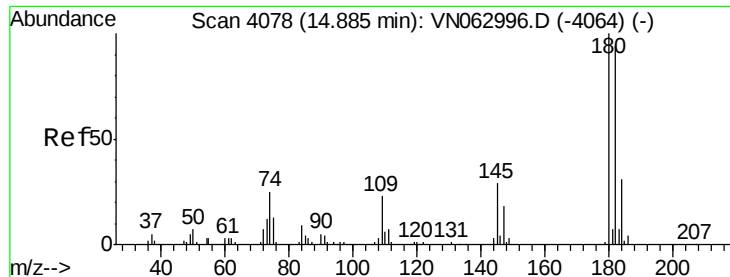
Tot Ion:146 Resp: 68152
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.2 60.5
 148 63.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.529 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 75 Resp: 7979
 Ion Ratio Lower Upper
 75 100
 155 79.7 42.4 127.1
 157 111.5 55.2 165.6

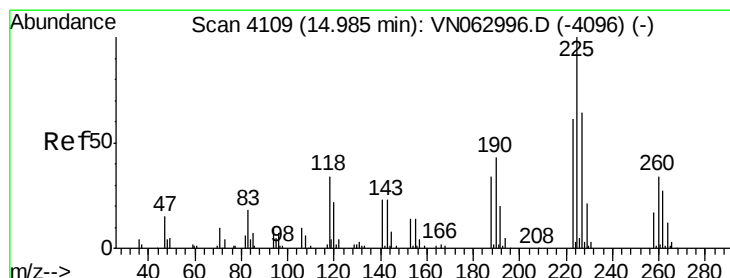
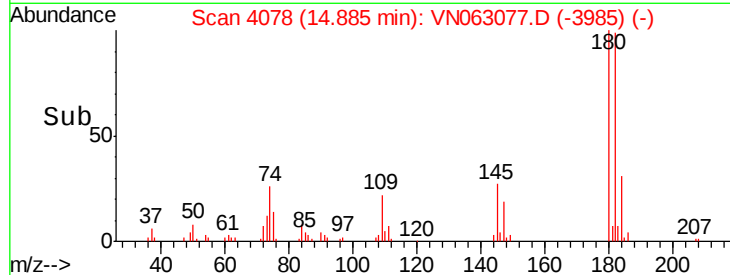
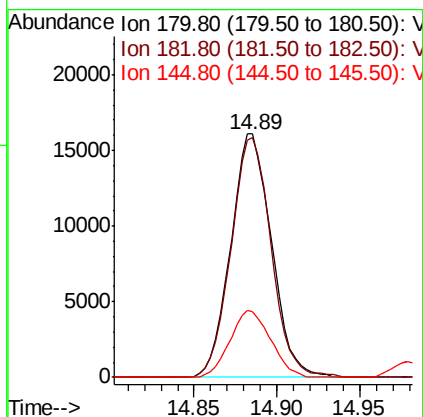
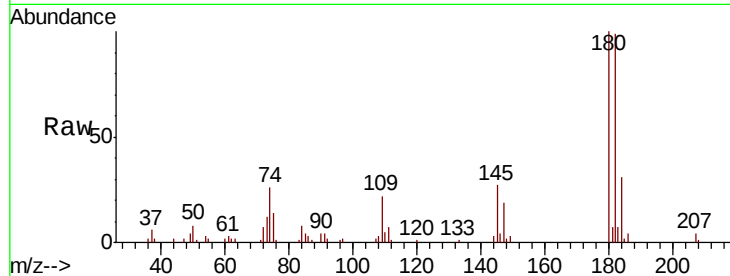




#93
 1,2,4-Trichlorobenzene
 Concen: 17.943 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

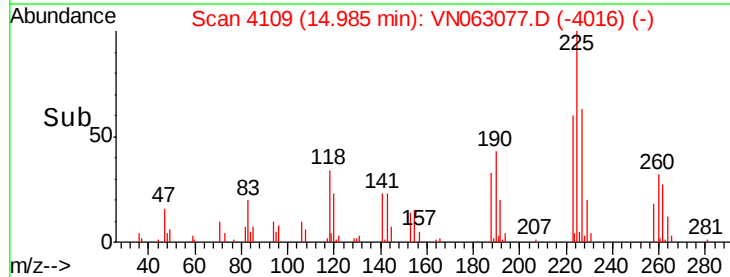
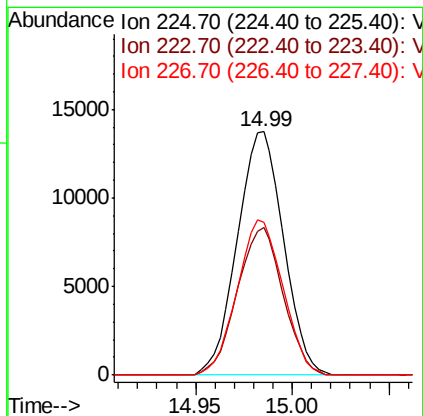
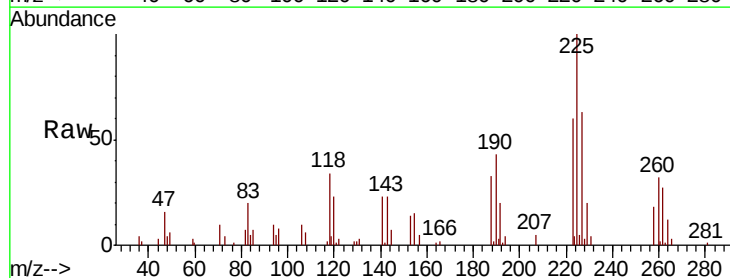
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

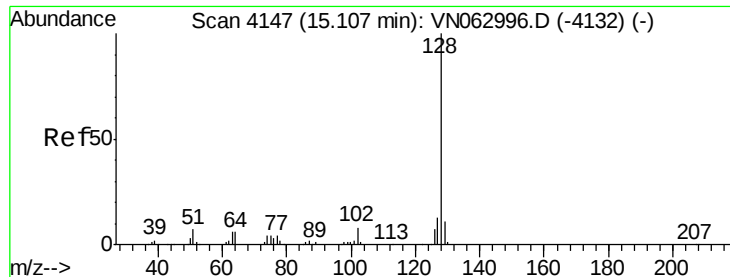
Tot Ion:180 Resp: 27447
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.0 141.2
 145 27.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.415 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion:225 Resp: 22864
 Ion Ratio Lower Upper
 225 100
 223 60.1 30.9 92.5
 227 63.1 31.9 95.9

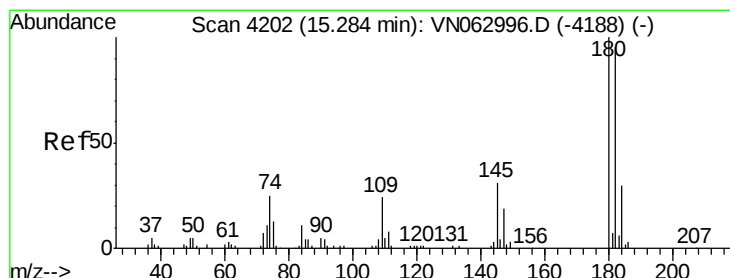
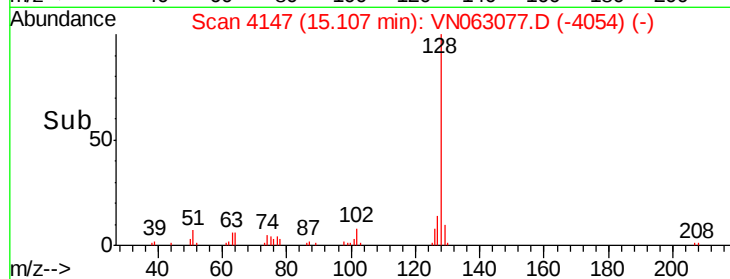
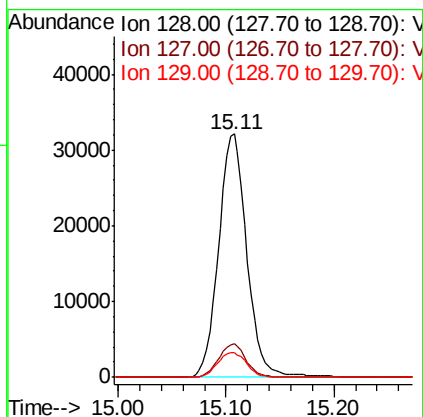
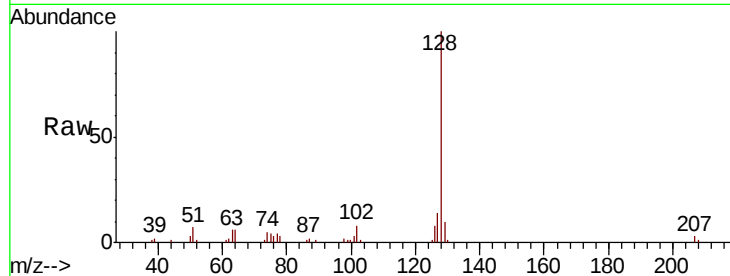




#95
Naphthalene
Concen: 17.693 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion:128 Resp: 58241
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.696 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion:180 Resp: 27228
Ion Ratio Lower Upper
180 100
182 99.1 47.3 141.9
145 30.3 15.6 46.7

