

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062443.D
 Acq On : 9 Jul 2020 6:47
 Operator : JC/MD
 Sample : L3215-12MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

Quant Time: Jul 09 07:16:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	367171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	143601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	159360	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	7.55	113	111650	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.06	98	442859	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.38	95	163180	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	103512	50.061	ug/l	97
3) Chloromethane	2.03	50	153221	46.182	ug/l	99
4) Vinyl Chloride	2.16	62	134624	49.527	ug/l	98
5) Bromomethane	2.53	94	46972	32.176	ug/l	99
6) Chloroethane	2.67	64	79289	50.083	ug/l	97
7) Trichlorofluoromethane	2.98	101	178133	51.599	ug/l	99
8) Diethyl Ether	3.37	74	83928	54.369	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	100798	49.255	ug/l	99
10) Methyl Iodide	3.91	142	104067	38.512	ug/l	99
11) Tert butyl alcohol	4.73	59	118223	228.254	ug/l	98
12) 1,1-Dichloroethene	3.70	96	107795	51.736	ug/l	99
13) Acrolein	3.57	56	35293	94.459	ug/l	96
14) Allyl chloride	4.28	41	221502	45.202	ug/l	99
15) Acrylonitrile	4.93	53	358255	263.734	ug/l	100
16) Acetone	3.78	43	301128	227.161	ug/l	98
17) Carbon Disulfide	4.01	76	333928	51.146	ug/l	98
18) Methyl Acetate	4.28	43	127354	38.497	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	430588	54.508	ug/l	99
20) Methylene Chloride	4.50	84	135266	47.725	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	118040	52.294	ug/l	99
22) Diisopropyl ether	5.90	45	508865	52.561	ug/l	96
23) Vinyl Acetate	5.84	43	1623253	202.403	ug/l	100
24) 1,1-Dichloroethane	5.80	63	262527	52.477	ug/l	100
25) 2-Butanone	6.79	43	489055	252.614	ug/l	98
26) 2,2-Dichloropropane	6.78	77	76297	19.891	ug/l	92
27) cis-1,2-Dichloroethene	6.78	96	140655	53.798	ug/l	92
28) Bromochloromethane	7.15	49	134229	49.386	ug/l	98
29) Tetrahydrofuran	7.17	42	334370	256.536	ug/l	99
30) Chloroform	7.33	83	240172	53.171	ug/l	96
31) Cyclohexane	7.61	56	292361	61.645	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	198502	52.831	ug/l	99
36) 1,1-Dichloropropene	7.75	75	182731	49.397	ug/l	99
37) Ethyl Acetate	6.88	43	167573	38.741	ug/l	99
38) Carbon Tetrachloride	7.73	117	164528	49.471	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245045	62.048	ug/l	98
40) Benzene	8.00	78	551087	50.547	ug/l	99
41) Methacrylonitrile	7.13	41	114287	63.239	ug/l	86
42) 1,2-Dichloroethane	8.09	62	207051	51.866	ug/l	91
43) Isopropyl Acetate	8.12	43	384427	56.259	ug/l	94
44) Trichloroethene	8.80	130	126692	52.375	ug/l	99
45) 1,2-Dichloropropane	9.08	63	160976	50.863	ug/l	98
46) Dibromomethane	9.18	93	92218	51.633	ug/l	99
47) Bromodichloromethane	9.37	83	197450	51.709	ug/l	100
48) Methyl methacrylate	9.17	41	165326	49.324	ug/l	98
49) 1,4-Dioxane	9.17	88	47487	973.359	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1051487	257.636	ug/l	99
52) Toluene	10.12	92	329727	52.360	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	193786	45.298	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	210264	44.546	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	131035	52.906	ug/l	95
56) Ethyl methacrylate	10.40	69	229411	50.319	ug/l	99
57) 1,3-Dichloropropane	10.68	76	241306	52.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	1050	0.715	ug/l #	54
59) 2-Hexanone	10.72	43	769369	259.668	ug/l	98
60) Dibromochloromethane	10.87	129	137910	51.354	ug/l	97
61) 1,2-Dibromoethane	10.98	107	132392	52.952	ug/l	98
64) Tetrachloroethene	10.60	164	96217	48.256	ug/l	97
65) Chlorobenzene	11.41	112	339948	52.056	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	124044	51.508	ug/l	100
67) Ethyl Benzene	11.48	91	884567	72.161	ug/l	99
68) m/p-Xylenes	11.59	106	459836	105.965	ug/l	99
69) o-Xylene	11.92	106	249844	59.133	ug/l	100
70) Styrene	11.94	104	392841	56.258	ug/l	99
71) Bromoform	12.10	173	94017	53.255	ug/l #	98
73) Isopropylbenzene	12.22	105	1761444	158.515	ug/l	99
74) N-amyl acetate	12.05	43	252910	46.761	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	201349	53.890	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	241212	68.458	ug/l #	100
77) Bromobenzene	12.50	156	416290	164.786	ug/l #	9
78) n-propylbenzene	12.57	91	2083293	160.498	ug/l	99
79) 2-Chlorotoluene	12.65	91	496698	63.049	ug/l	90
80) 1,3,5-Trimethylbenzene	12.71	105	770871	84.623	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	37131	28.206	ug/l	97
82) 4-Chlorotoluene	12.75	91	422121	52.779	ug/l	99
83) tert-Butylbenzene	12.97	119	338620	43.803	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	6146750	678.849	ug/l	80
85) sec-Butylbenzene	13.15	105	483127	47.163	ug/l	95
86) p-Isopropyltoluene	13.26	119	603841	68.298	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	223312	51.240	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	220648	49.204	ug/l	98
89) n-Butylbenzene	13.59	91	506853	64.926	ug/l #	78
90) Hexachloroethane	13.86	117	206017	118.455	ug/l #	39
91) 1,2-Dichlorobenzene	13.63	146	217247	51.557	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48874	71.679	ug/l	85

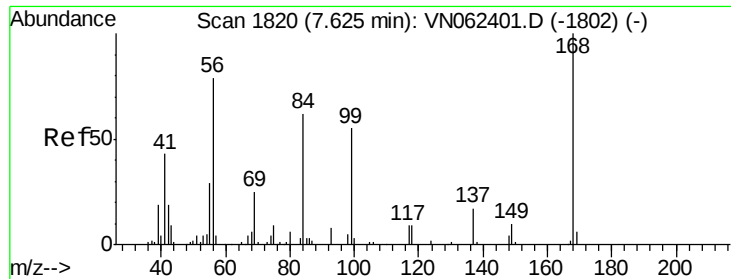
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
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QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	108688	53.804	ug/l	93
94) Hexachlorobutadiene	14.99	225	26012	23.250	ug/l	97
95) Naphthalene	15.11	128	12082576	719.070	ug/l #	47
96) 1,2,3-Trichlorobenzene	15.28	180	107900	47.713	ug/l	97

(#) = 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: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

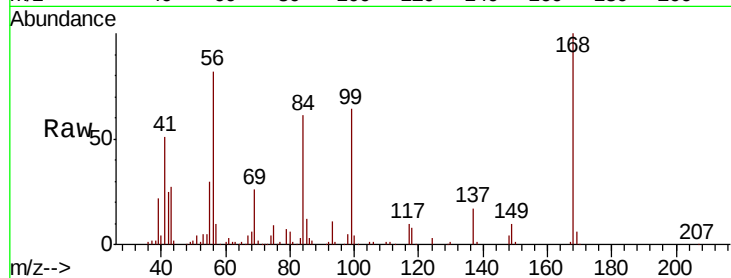
MW-14MS

Tot Ion:168 Resp: 202997

Ion Ratio Lower Upper

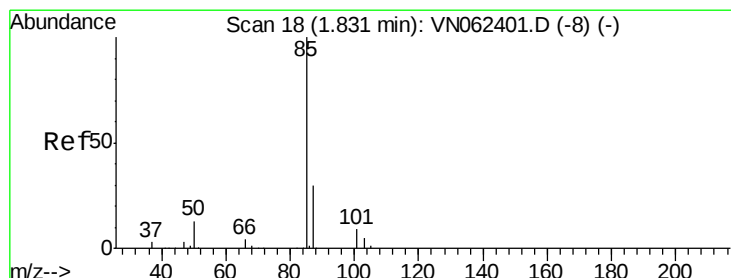
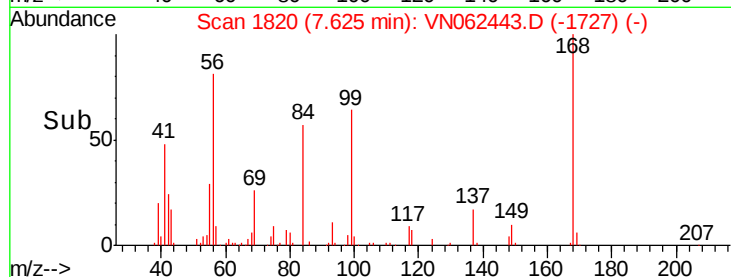
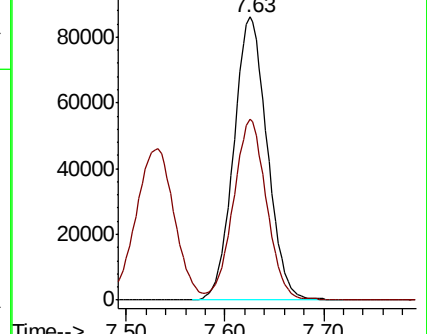
168 100

99 63.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 50.061 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062443.D

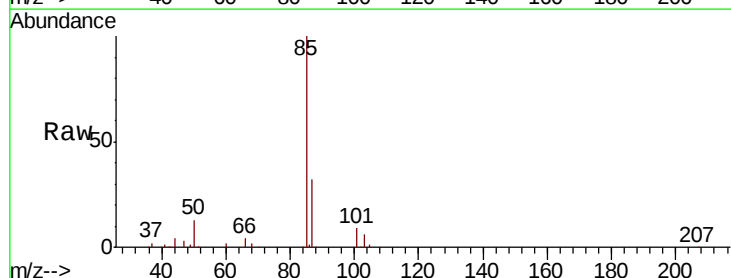
Acq: 9 Jul 2020 6:47

Tgt Ion: 85 Resp: 103512

Ion Ratio Lower Upper

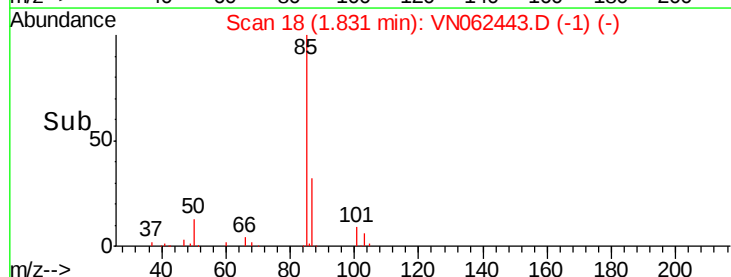
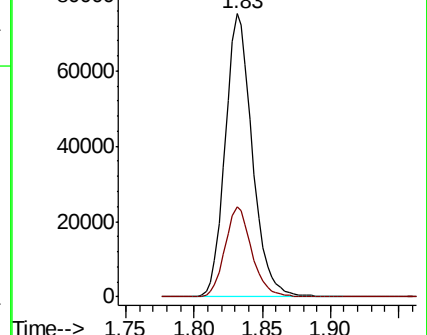
85 100

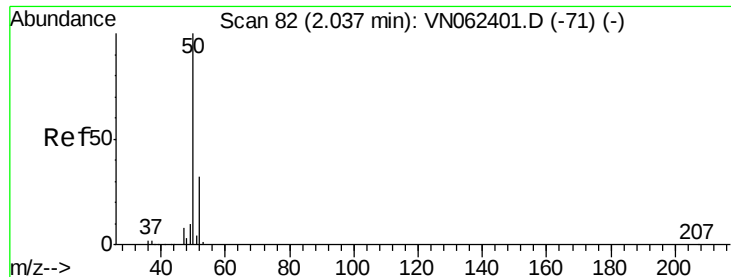
87 31.7 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.182 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

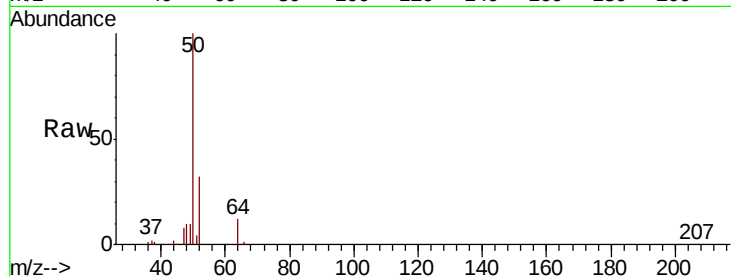
MW-14MS

Tot Ion: 50 Resp: 153221

Ion Ratio Lower Upper

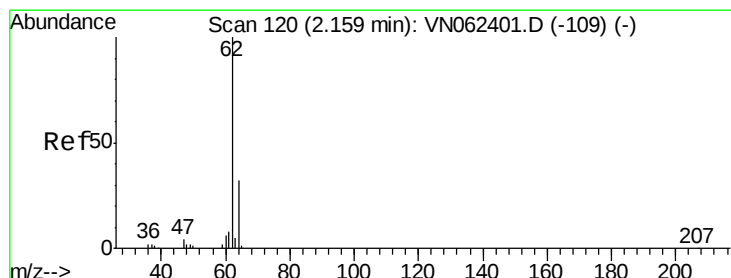
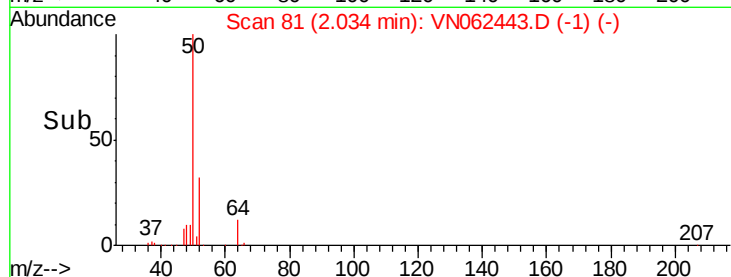
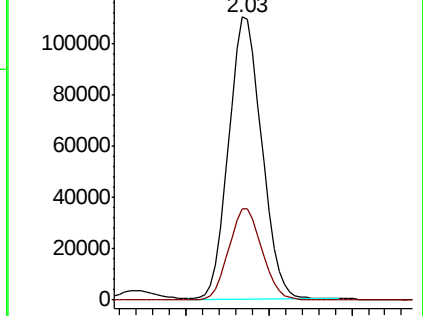
50 100

52 32.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.527 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062443.D

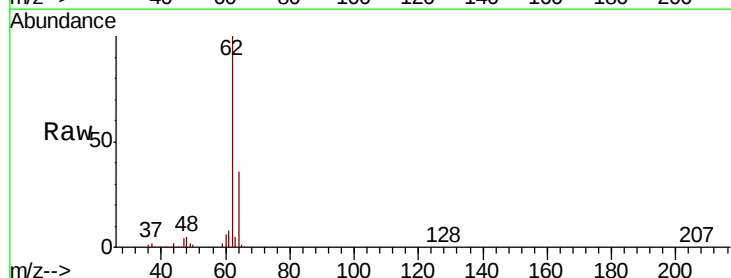
Acq: 9 Jul 2020 6:47

Tgt Ion: 62 Resp: 134624

Ion Ratio Lower Upper

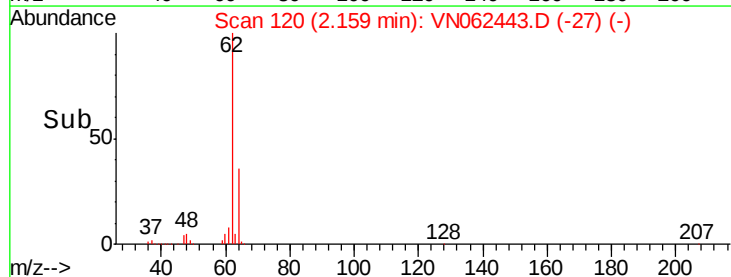
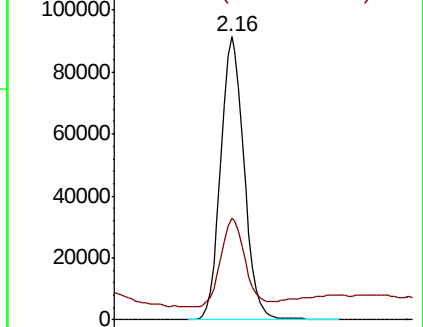
62 100

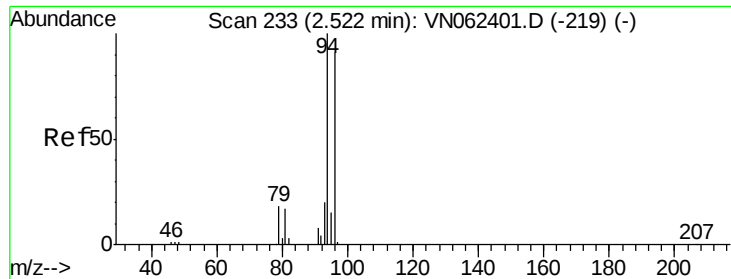
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 32.176 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampled :

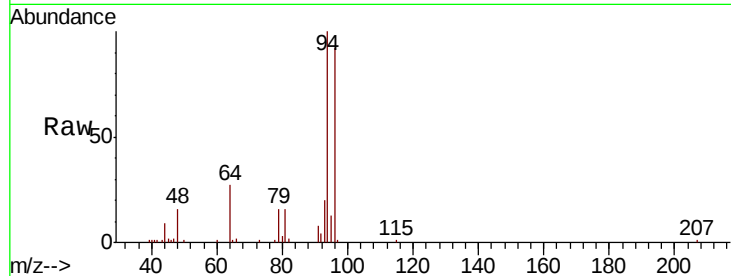
MW-14MS

Tot Ion: 94 Resp: 46972

Ion Ratio Lower Upper

94 100

96 92.1 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

25000

20000

15000

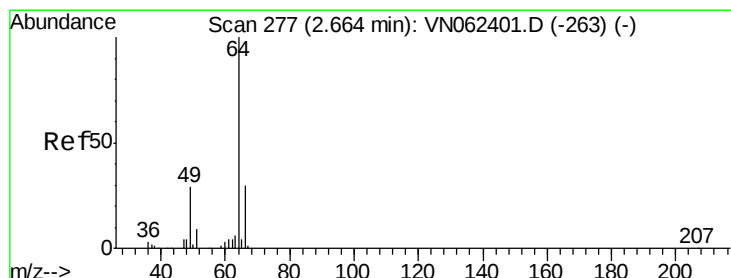
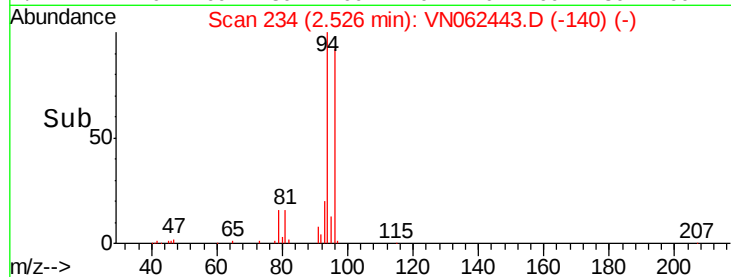
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 50.083 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062443.D

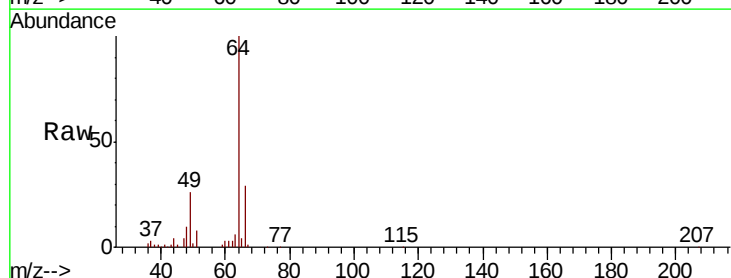
Acq: 9 Jul 2020 6:47

Tgt Ion: 64 Resp: 79289

Ion Ratio Lower Upper

64 100

66 32.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

50000

40000

30000

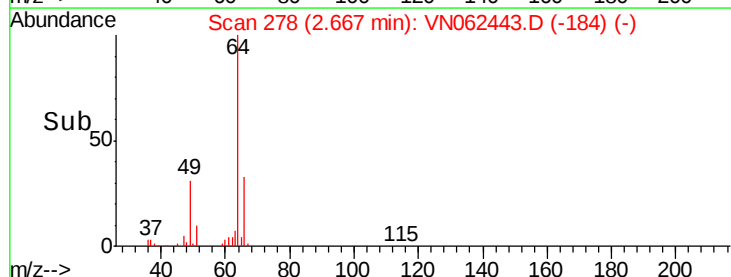
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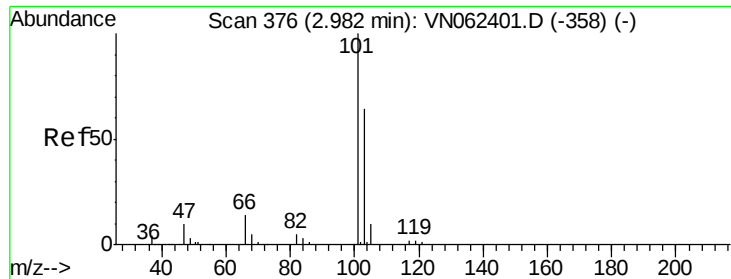
10000

0

Time-->

2.60 2.65 2.70 2.75



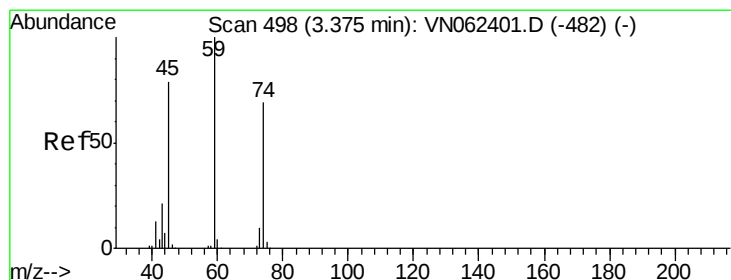
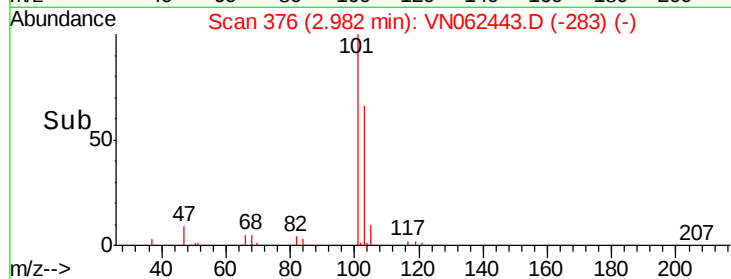
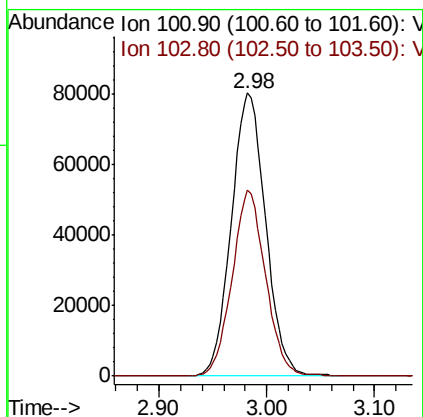
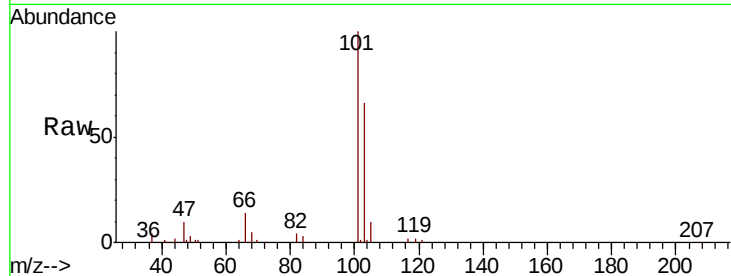


#7

Trichlorofluoromethane
 Concen: 51.599 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Instrument :
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 MW-14MS

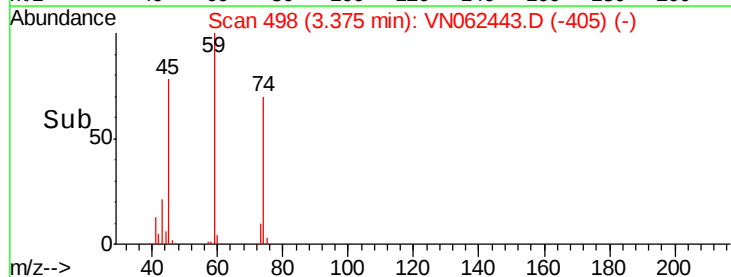
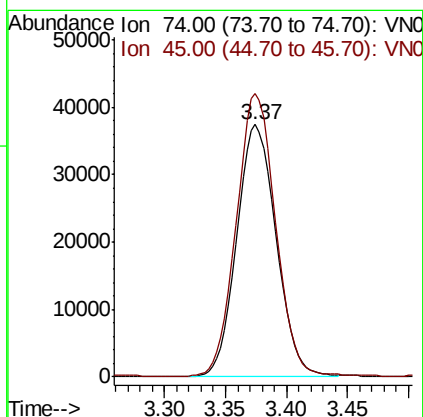
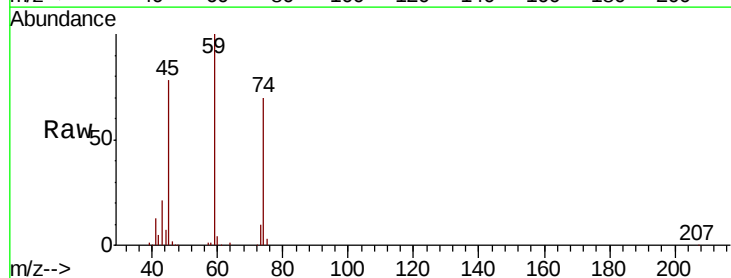
Tot Ion:101 Resp: 178133
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.6 77.4

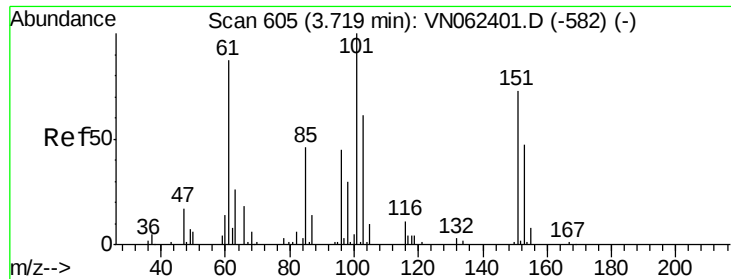


#8

Diethyl Ether
 Concen: 54.369 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion: 74 Resp: 83928
 Ion Ratio Lower Upper
 74 100
 45 112.1 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.255 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

MW-14MS

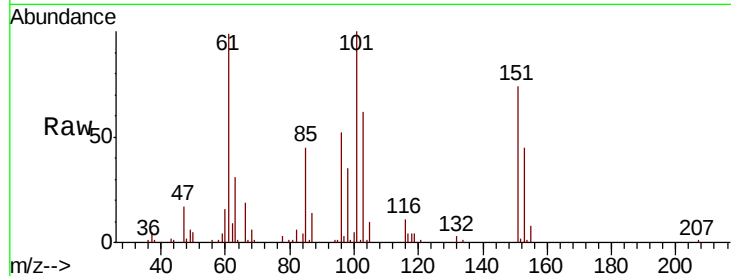
Tot Ion:101 Resp: 100798

Ion Ratio Lower Upper

101 100

85 45.9 36.7 55.1

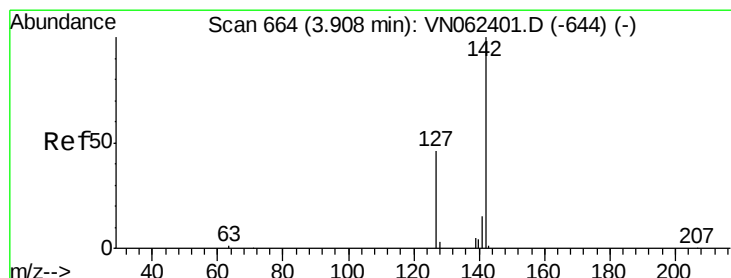
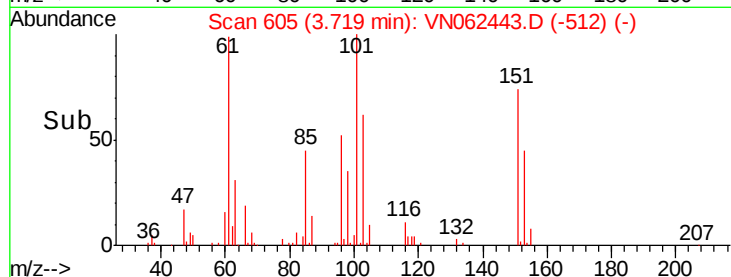
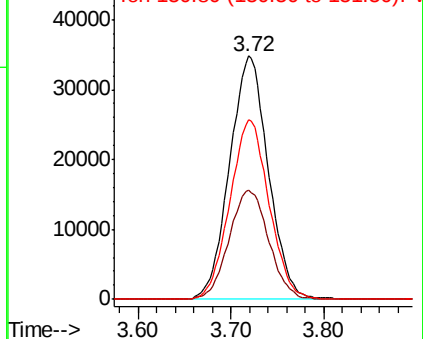
151 74.6 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.512 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

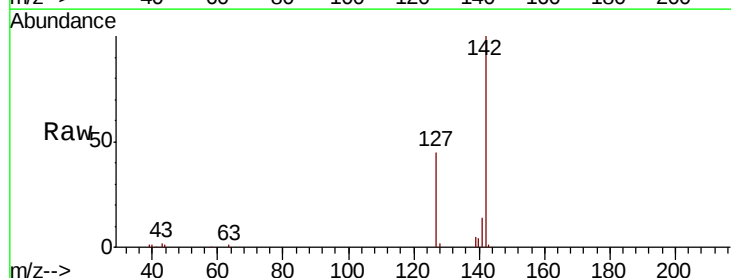
Tgt Ion:142 Resp: 104067

Ion Ratio Lower Upper

142 100

127 44.3 36.1 54.1

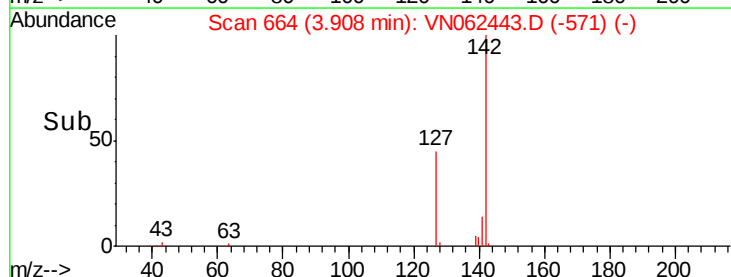
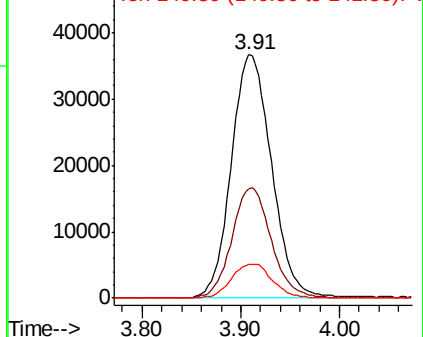
141 14.2 11.4 17.0

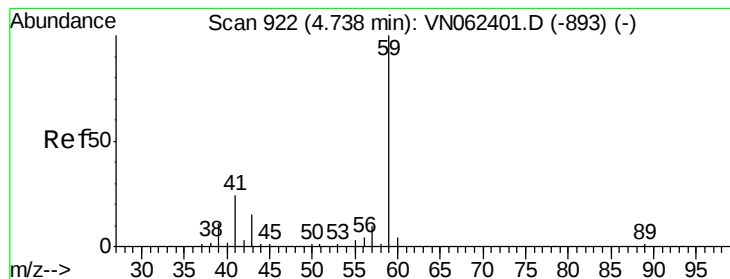


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



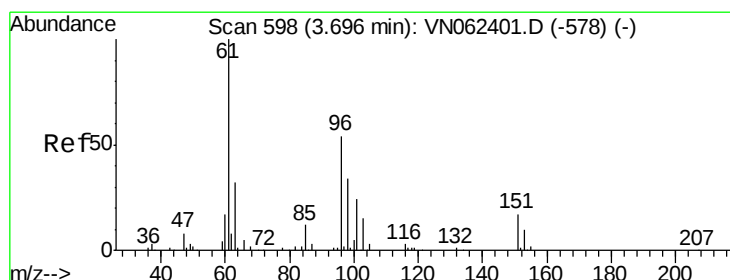
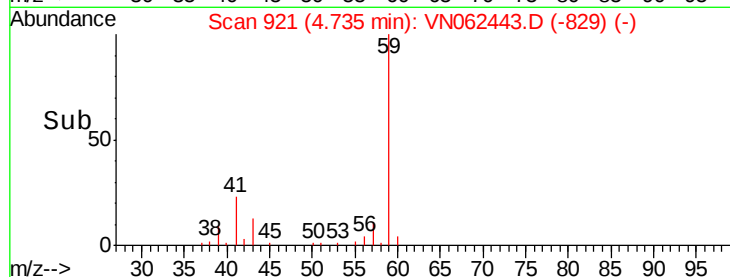
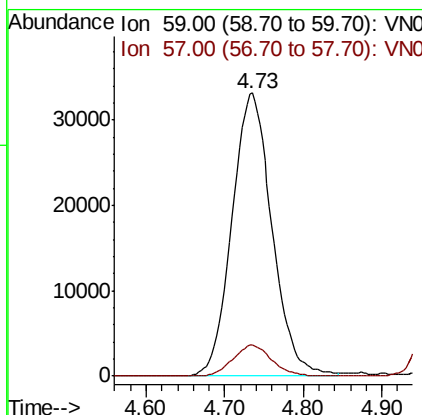
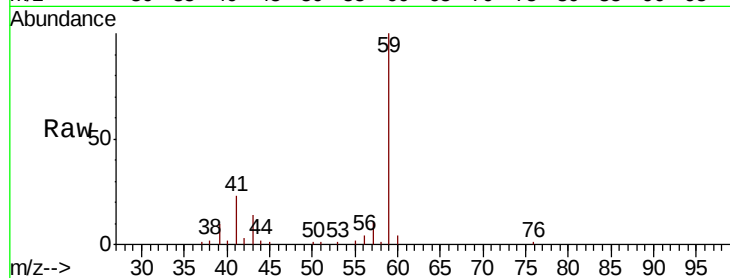


#11

Tert butyl alcohol
 Concen: 228.254 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

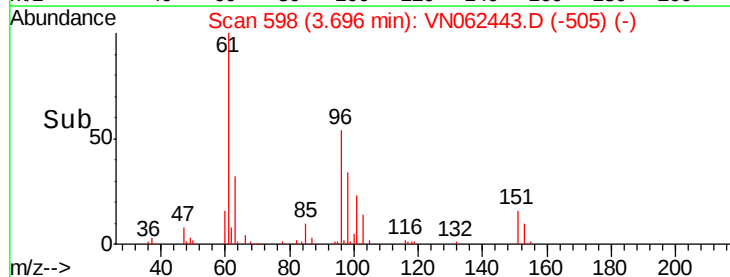
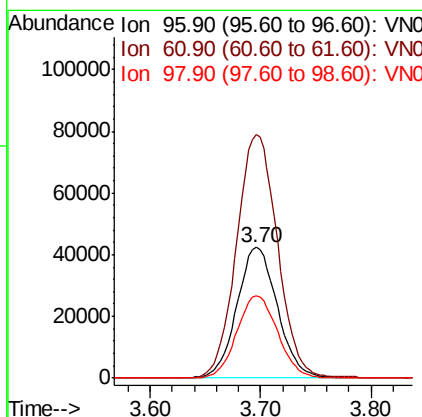
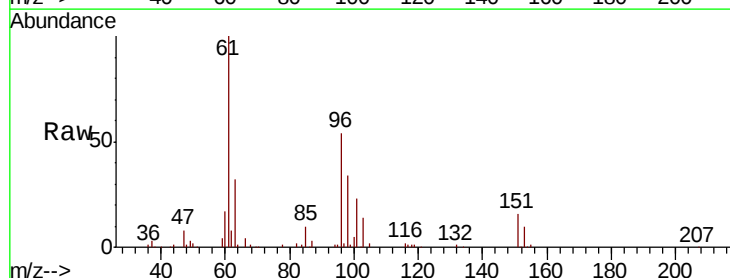
Tot Ion: 59 Resp: 118223
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.6

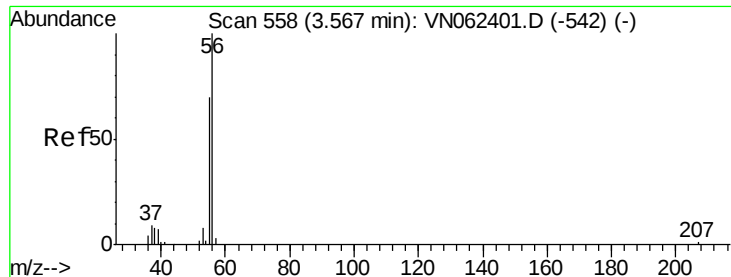


#12

1,1-Dichloroethene
 Concen: 51.736 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion: 96 Resp: 107795
 Ion Ratio Lower Upper
 96 100
 61 186.5 147.4 221.0
 98 63.5 50.4 75.6





#13

Acrolein

Concen: 94.459 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

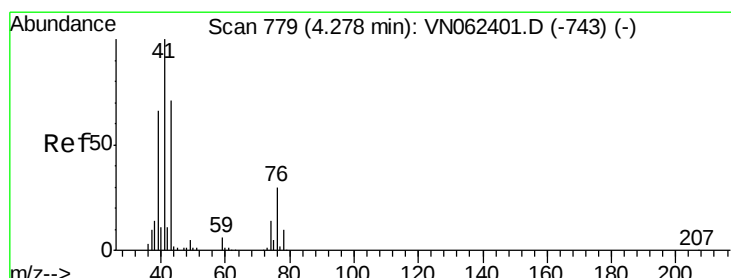
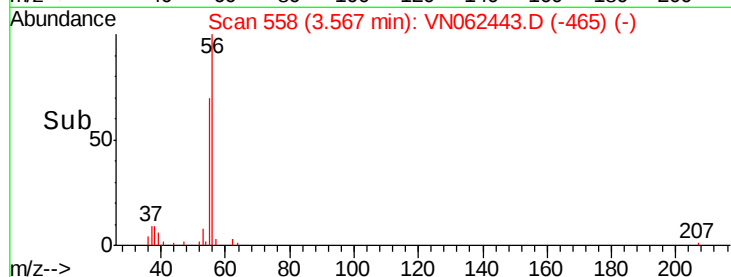
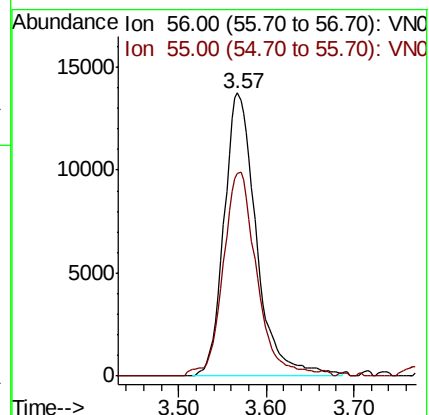
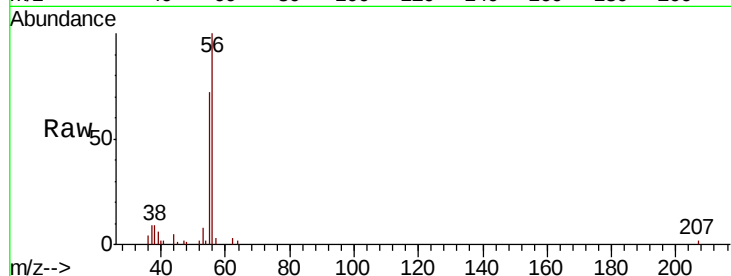
MW-14MS

Tot Ion: 56 Resp: 35293

Ion Ratio Lower Upper

56 100

55 74.7 57.2 85.8



#14

Allyl chloride

Concen: 45.202 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

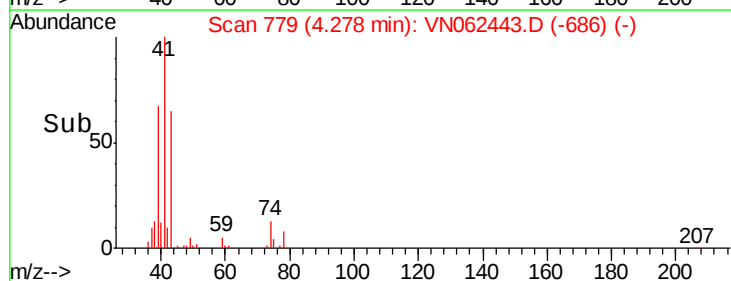
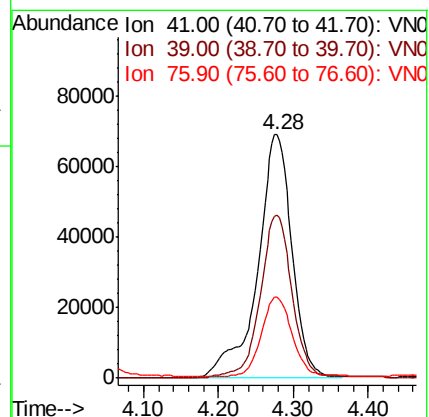
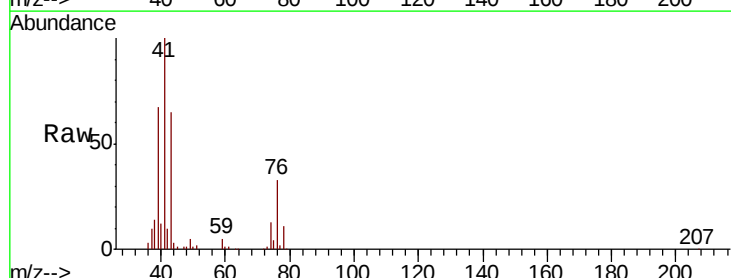
Tgt Ion: 41 Resp: 221502

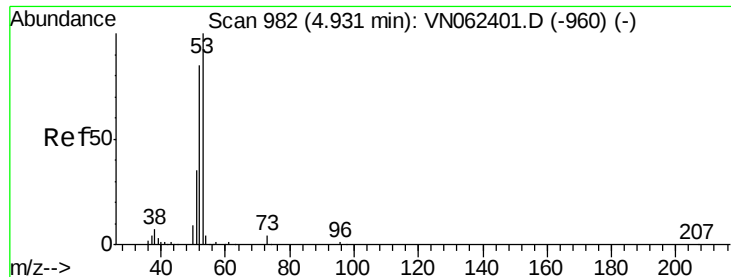
Ion Ratio Lower Upper

41 100

39 61.9 49.6 74.4

76 28.6 22.2 33.4





#15

Acrylonitrile

Concen: 263.734 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

MW-14MS

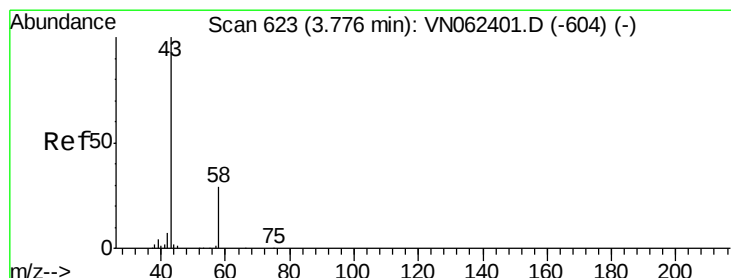
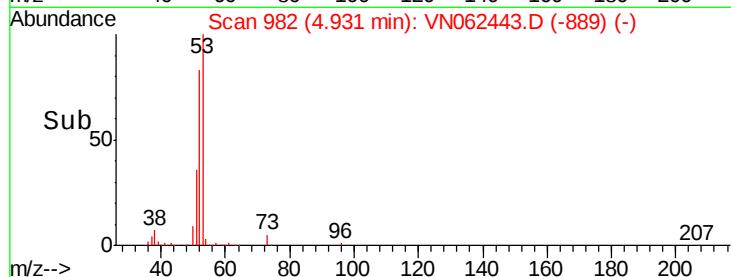
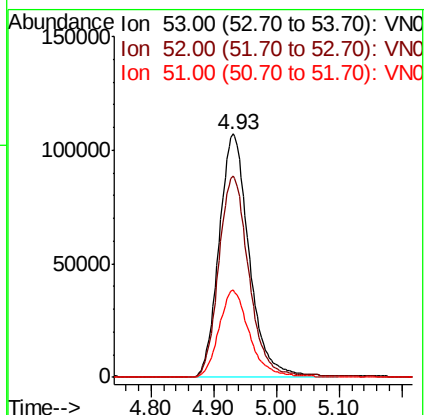
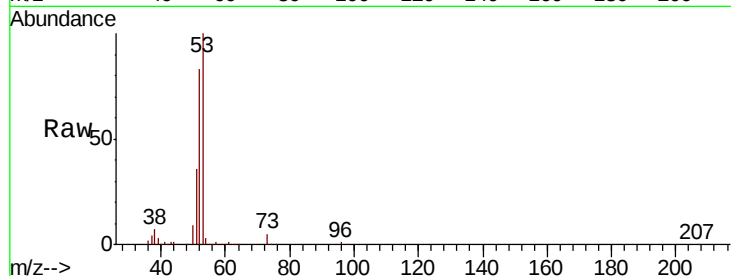
Tot Ion: 53 Resp: 358255

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	36.2	28.7	43.1

53 100

52 82.4 66.2 99.4

51 36.2 28.7 43.1



#16

Acetone

Concen: 227.161 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062443.D

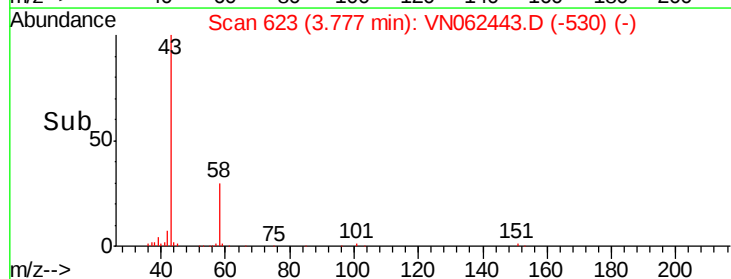
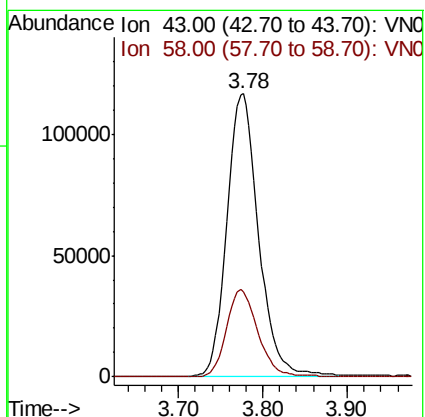
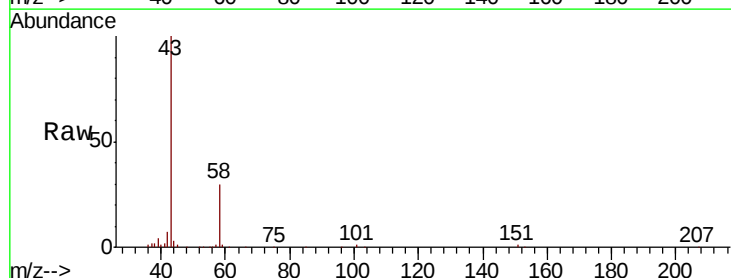
Acq: 9 Jul 2020 6:47

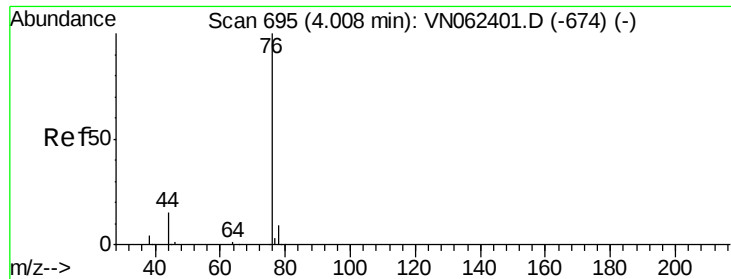
Tgt Ion: 43 Resp: 301128

Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.5	35.3

43 100

58 30.3 23.5 35.3

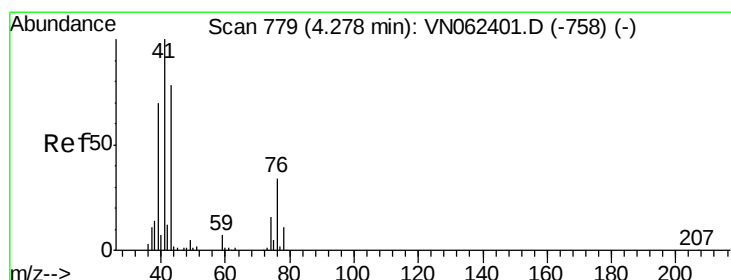
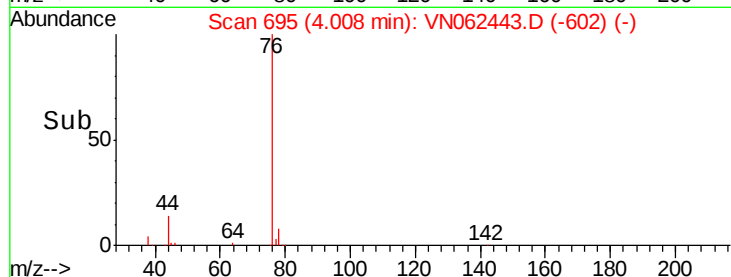
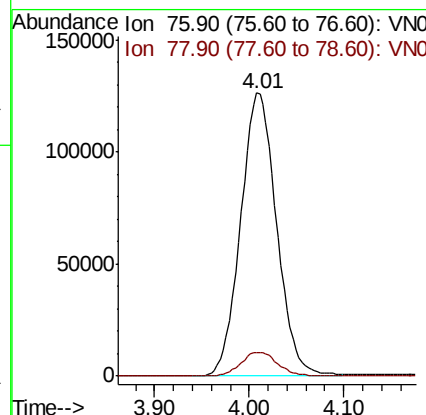
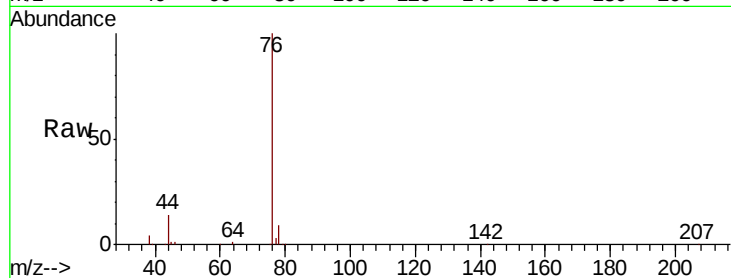




#17
Carbon Disulfide
Concen: 51.146 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

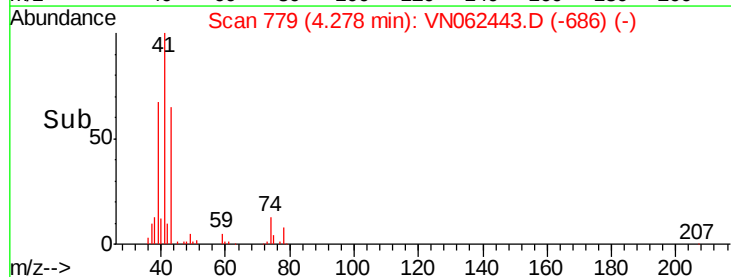
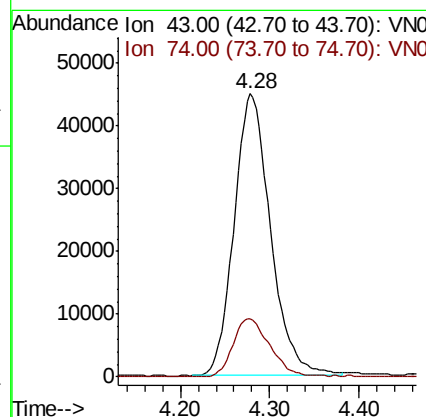
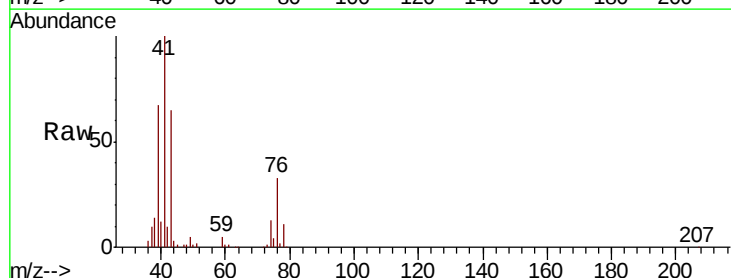
Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

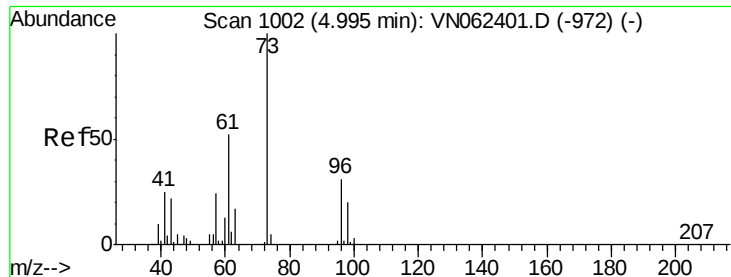
Tot Ion: 76 Resp: 333928
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 38.497 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 43 Resp: 127354
Ion Ratio Lower Upper
43 100
74 21.0 16.0 24.0

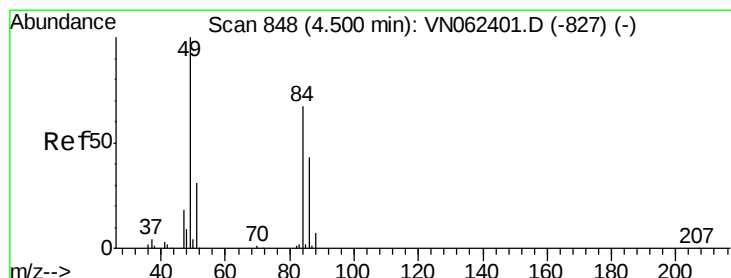
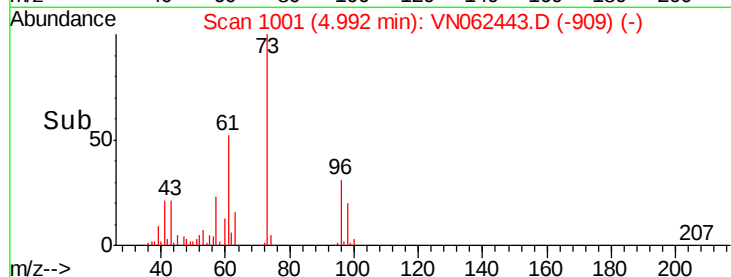
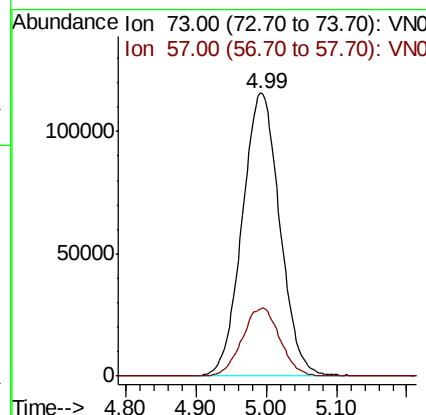
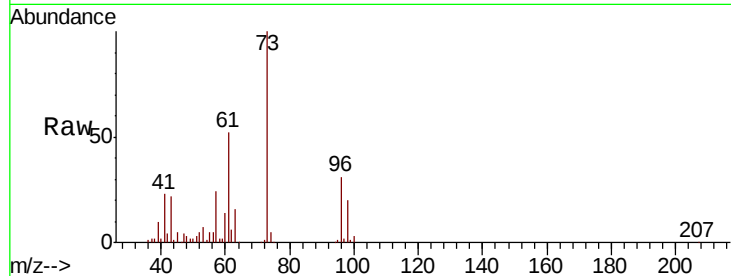




#19
Methyl tert-butyl Ether
Concen: 54.508 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

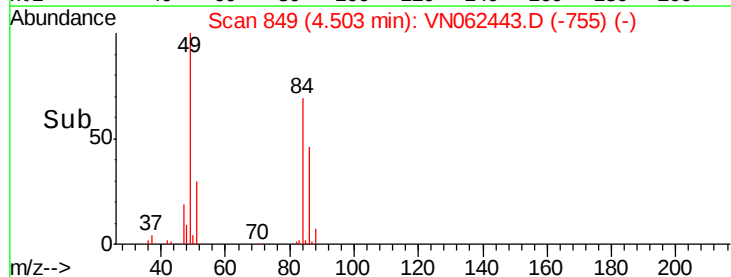
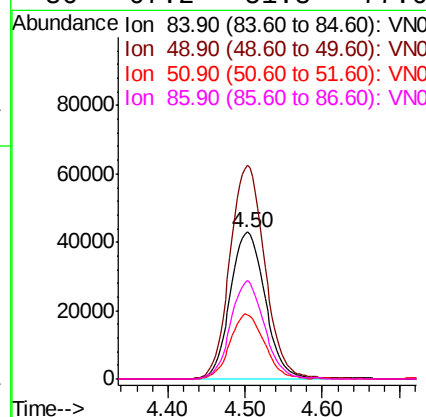
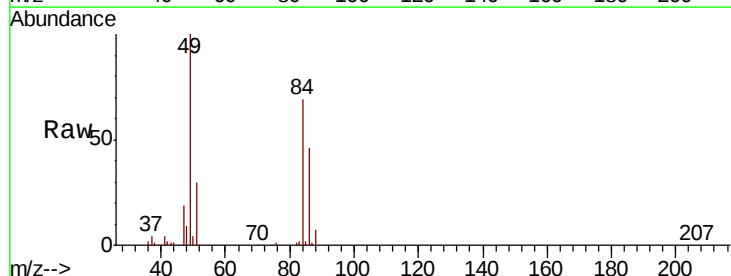
Instrument :
MSVOA_N
ClientSampled :
MW-14MS

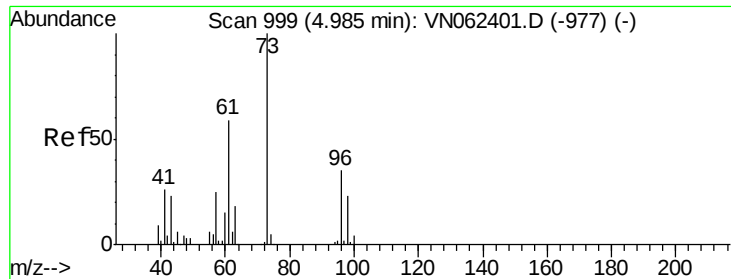
Tot Ion: 73 Resp: 430588
Ion Ratio Lower Upper
73 100
57 23.9 19.4 29.0



#20
Methylene Chloride
Concen: 47.725 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 84 Resp: 135266
Ion Ratio Lower Upper
84 100
49 145.6 120.0 180.0
51 43.9 37.0 55.6
86 67.2 51.8 77.6

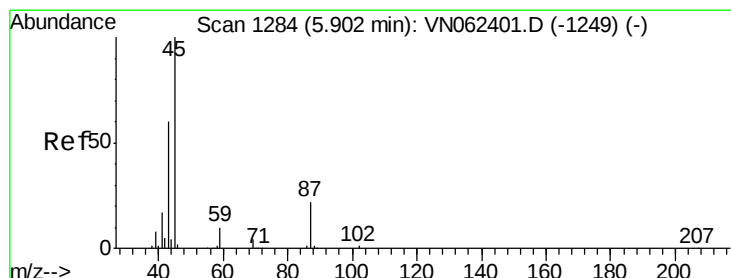
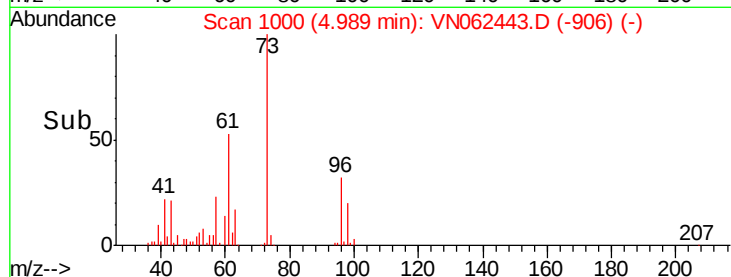
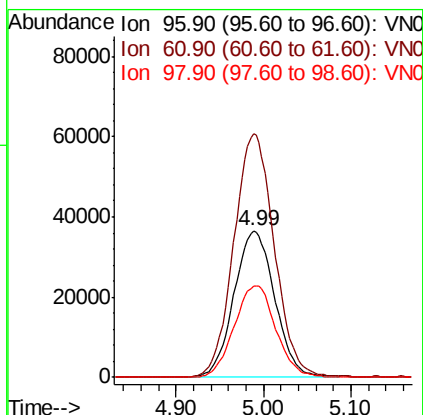
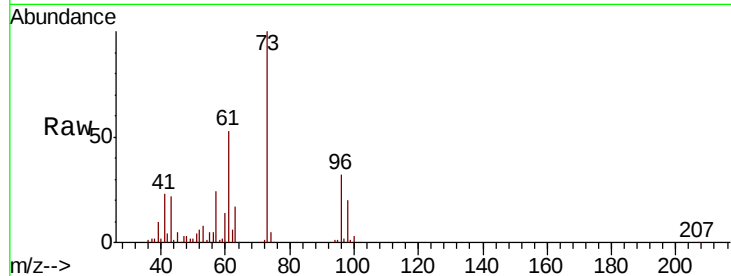




#21
trans-1,2-Dichloroethene
Concen: 52.294 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

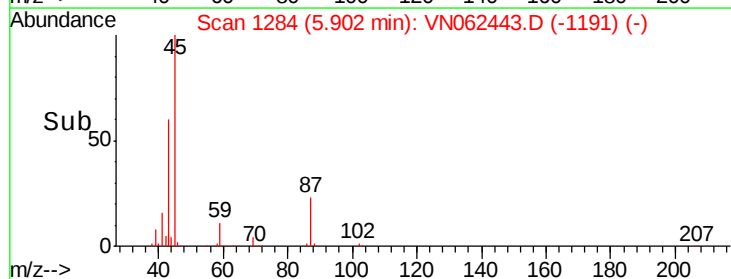
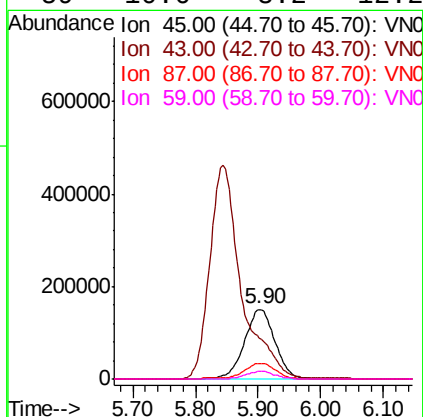
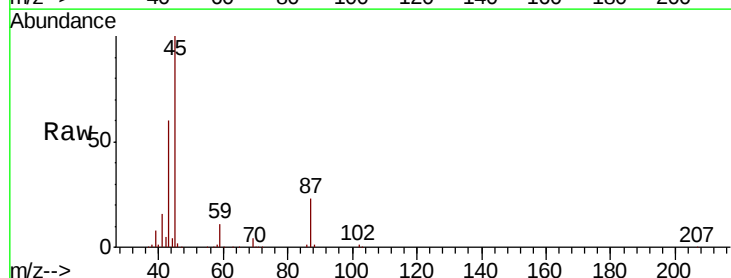
Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

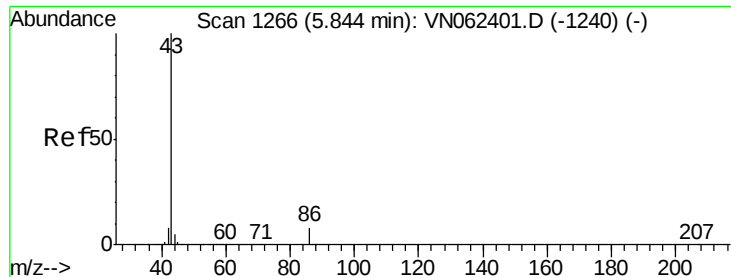
Tot Ion: 96 Resp: 118040
Ion Ratio Lower Upper
96 100
61 166.4 133.5 200.3
98 62.1 51.9 77.9



#22
Diisopropyl ether
Concen: 52.561 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 45 Resp: 508865
Ion Ratio Lower Upper
45 100
43 58.5 50.1 75.1
87 22.8 18.2 27.4
59 10.6 8.2 12.2





#23

Vinyl Acetate

Concen: 202.403 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampled :

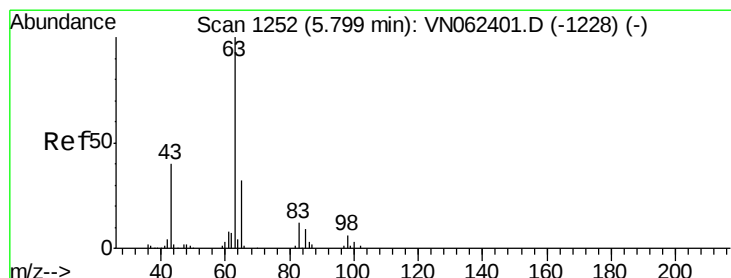
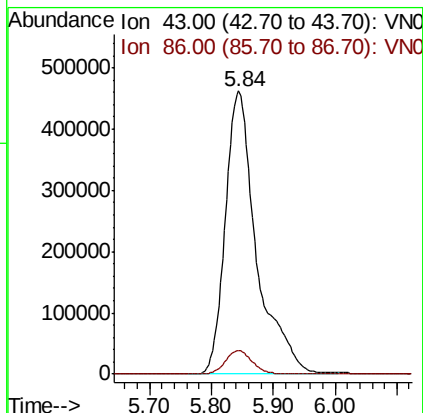
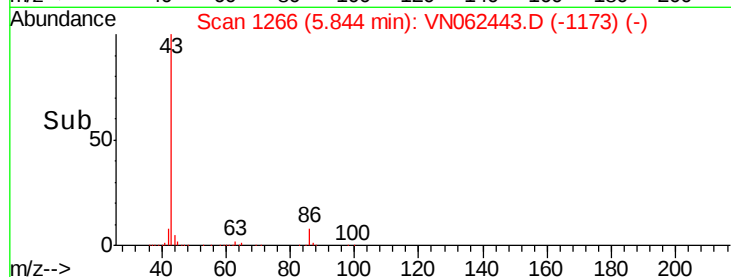
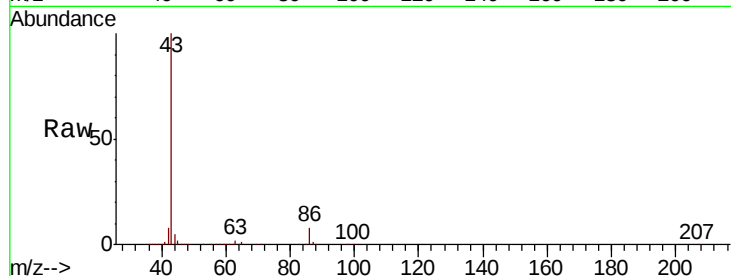
MW-14MS

Tot Ion: 43 Resp: 1623253

Ion Ratio Lower Upper

43 100

86 8.5 6.7 10.1



#24

1,1-Dichloroethane

Concen: 52.477 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

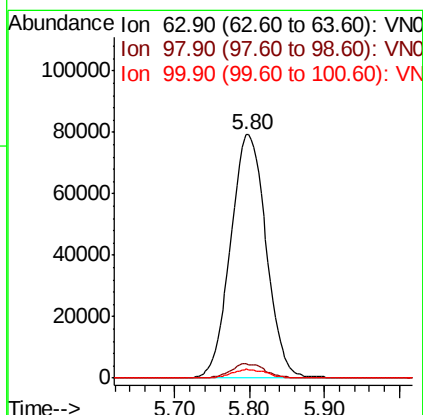
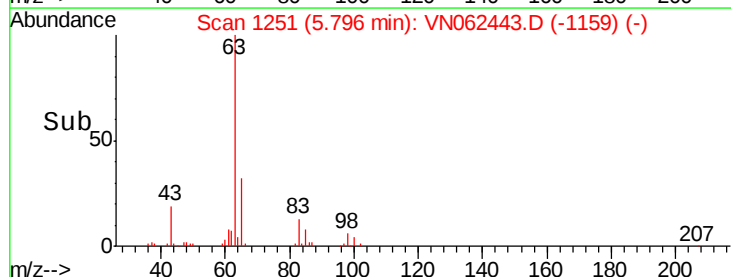
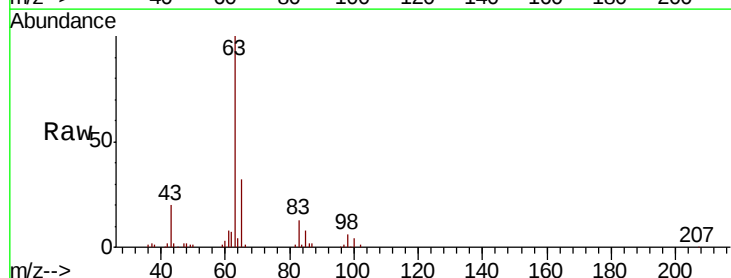
Tgt Ion: 63 Resp: 262527

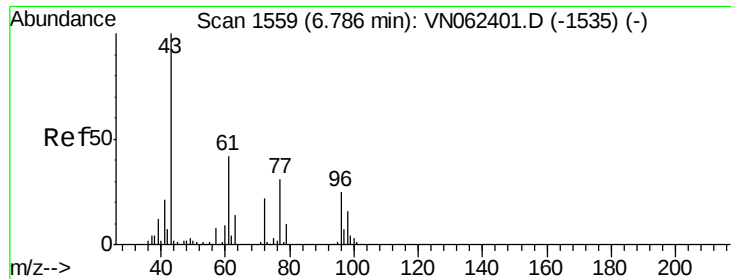
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.7 1.8 5.3

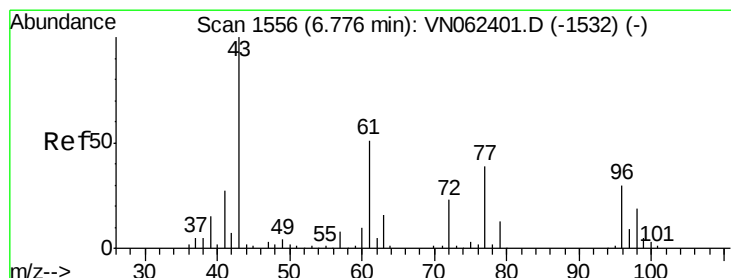
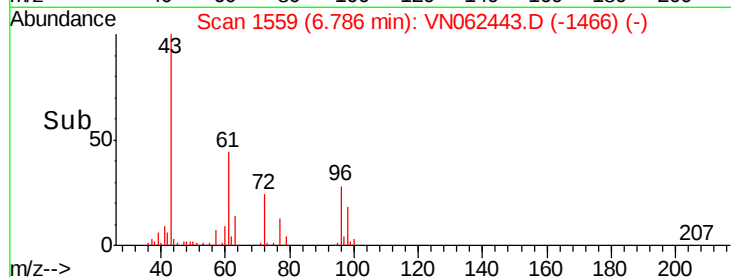
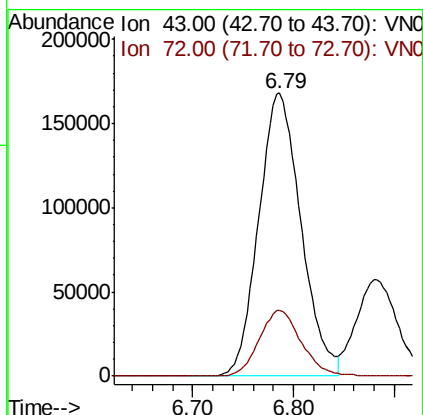
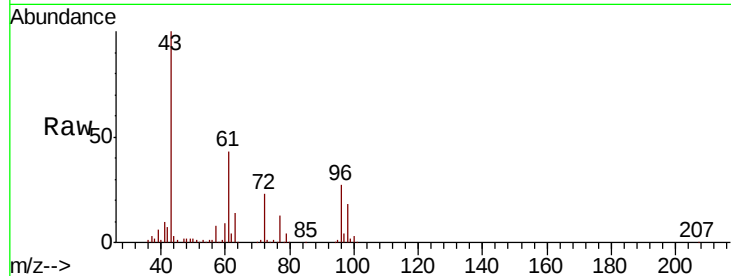




#25
2-Butanone
Concen: 252.614 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

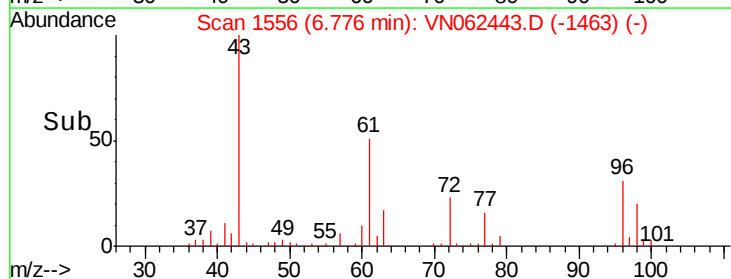
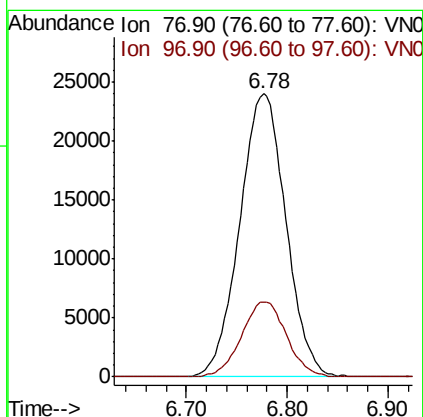
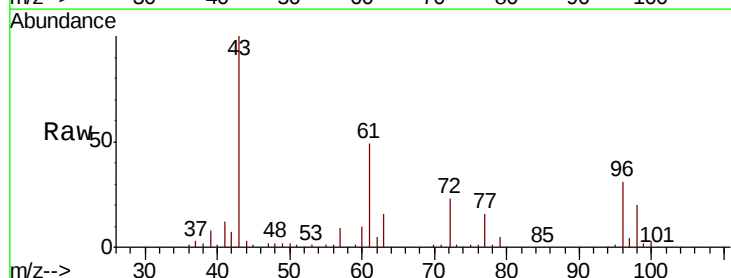
Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

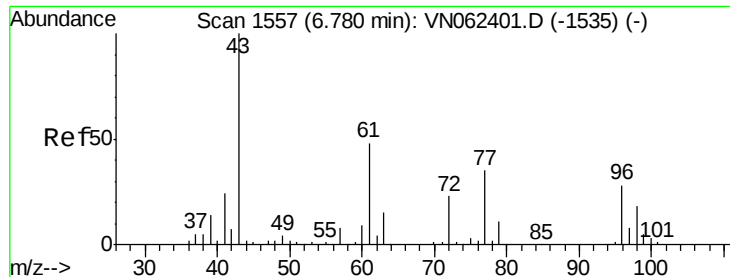
Tot Ion: 43 Resp: 489055
Ion Ratio Lower Upper
43 100
72 23.4 17.9 26.9



#26
2,2-Dichloropropane
Concen: 19.891 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 77 Resp: 76297
Ion Ratio Lower Upper
77 100
97 25.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.798 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

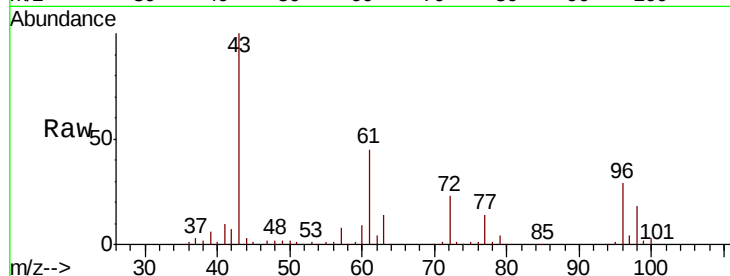
MSVOA_N

ClientSampleId :

MW-14MS

Tot Ion: 96 Resp: 140655

Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	343.4
98	64.1	0.0	128.4

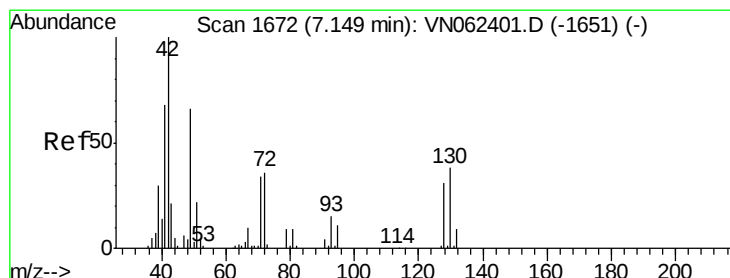
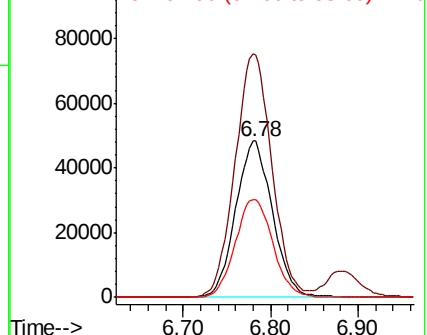
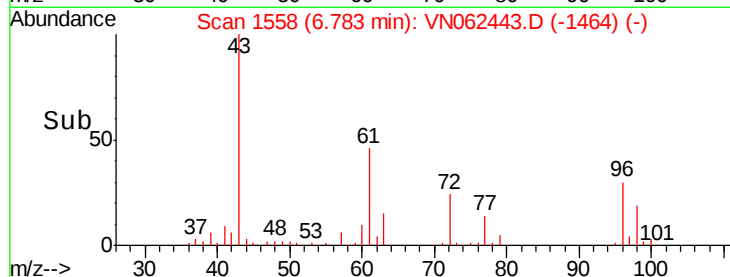


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.386 ug/l

RT: 7.15 min Scan# 1672

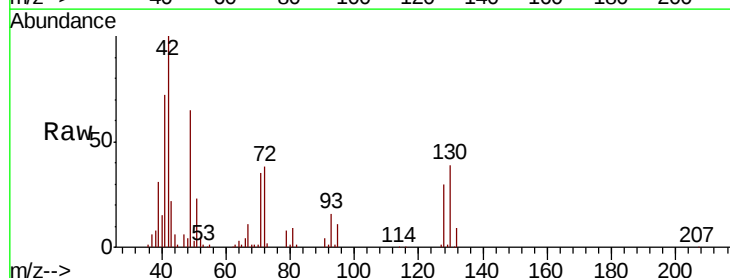
Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Tgt Ion: 49 Resp: 134229

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.8
130	59.4	46.5	69.7

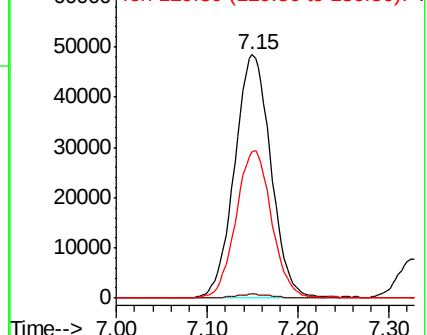
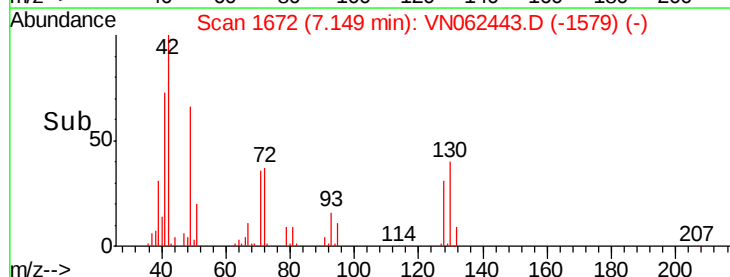


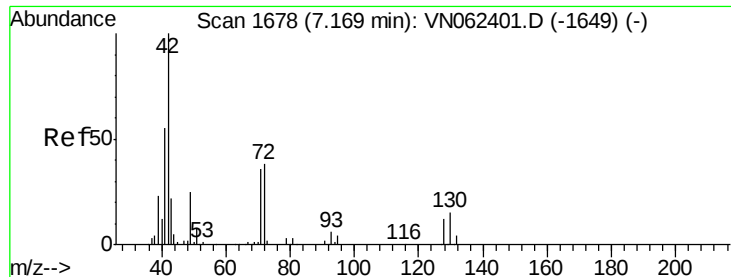
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

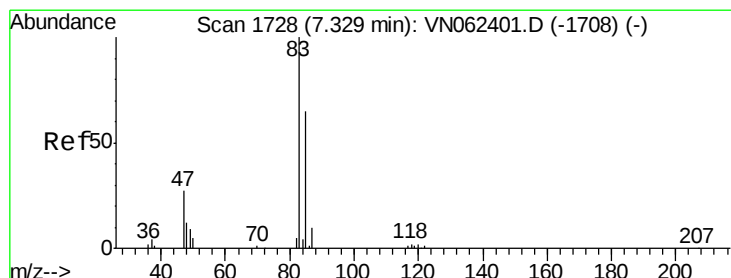
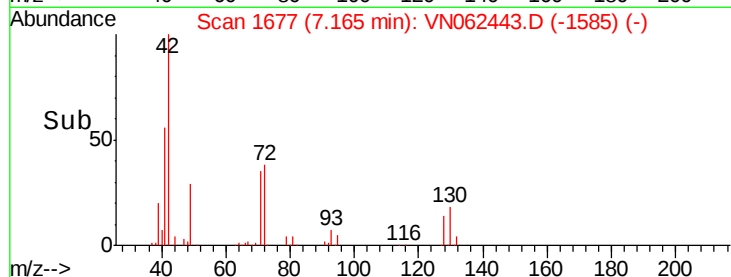
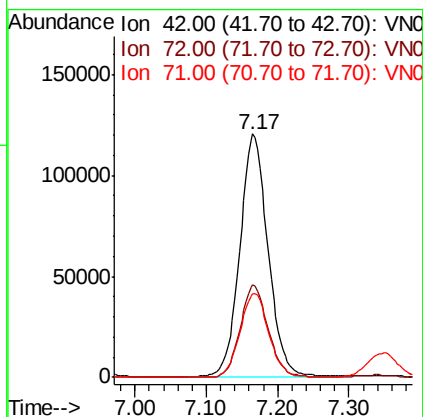
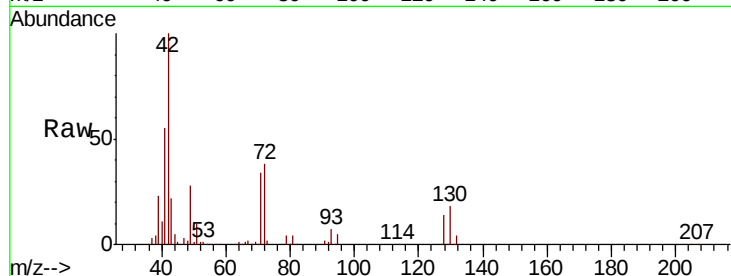




#29
Tetrahydrofuran
Concen: 256.536 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

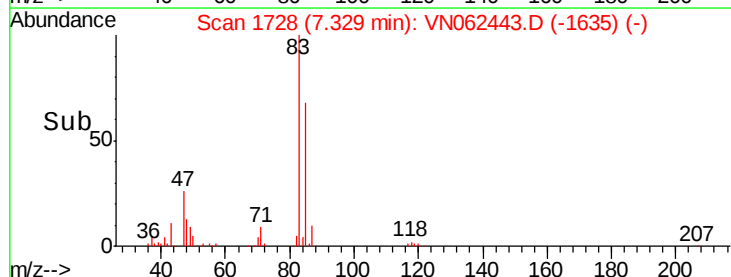
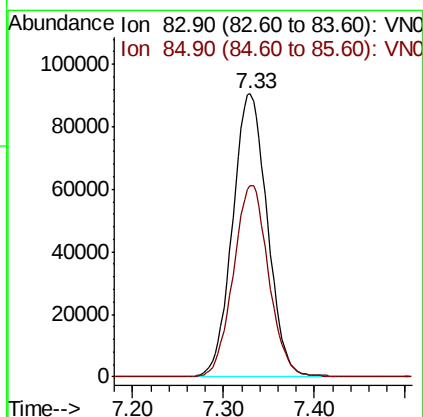
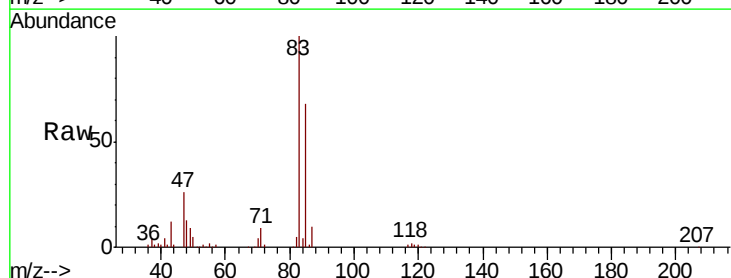
Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

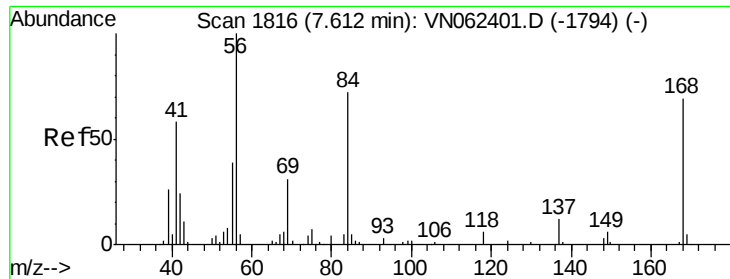
Tot Ion: 42 Resp: 334370
Ion Ratio Lower Upper
42 100
72 37.2 29.1 43.7
71 35.0 28.1 42.1



#30
Chloroform
Concen: 53.171 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 83 Resp: 240172
Ion Ratio Lower Upper
83 100
85 67.7 51.8 77.6





#31

Cyclohexane

Concen: 61.645 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

MW-14MS

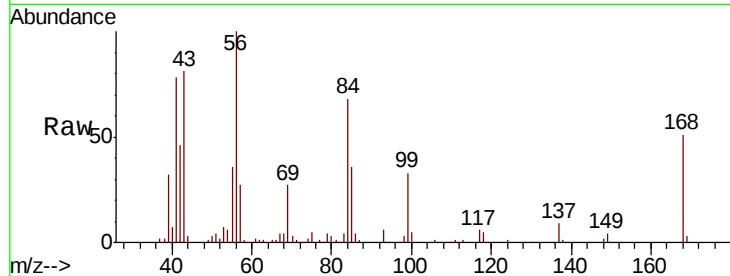
Tot Ion: 56 Resp: 292361

Ion Ratio Lower Upper

56 100

69 26.9 24.5 36.7

84 66.5 57.4 86.2

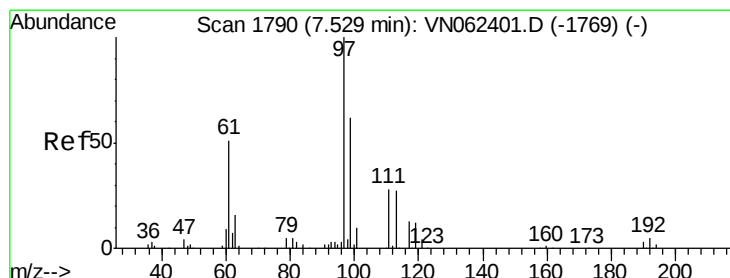
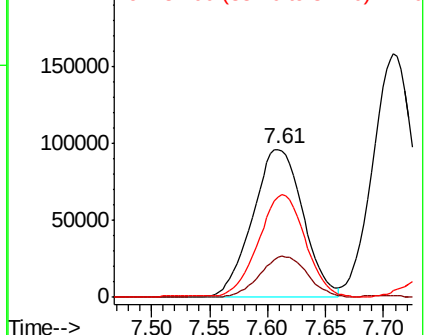
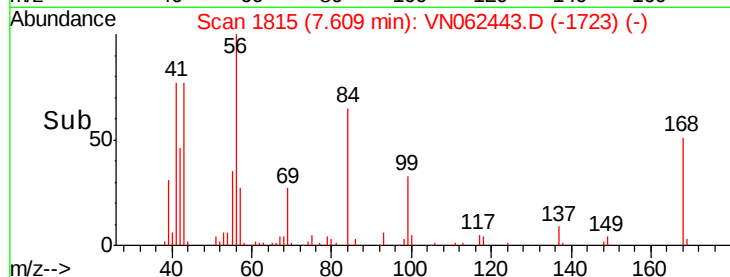


Abundance

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: 52.831 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

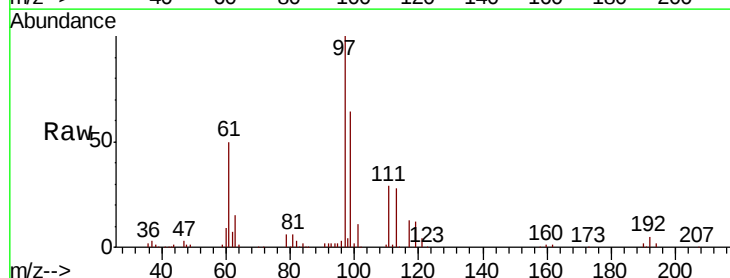
Tgt Ion: 97 Resp: 198502

Ion Ratio Lower Upper

97 100

99 63.6 50.4 75.6

61 48.7 39.9 59.9

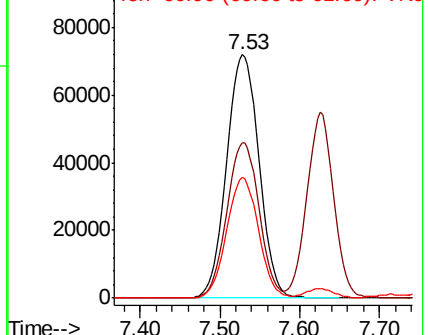
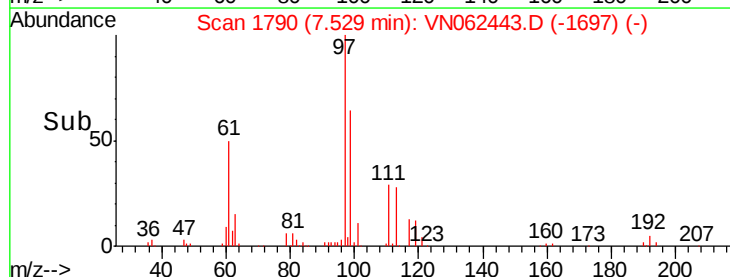


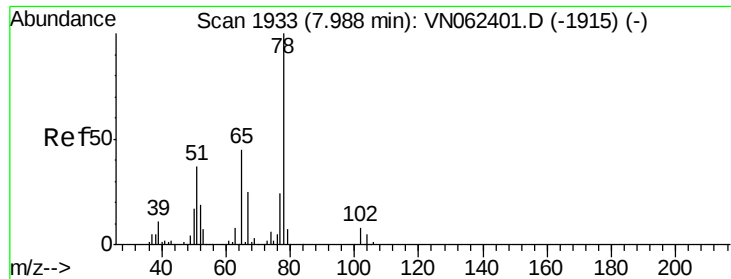
Abundance

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

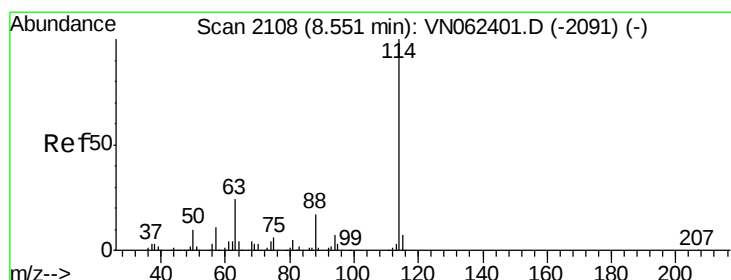
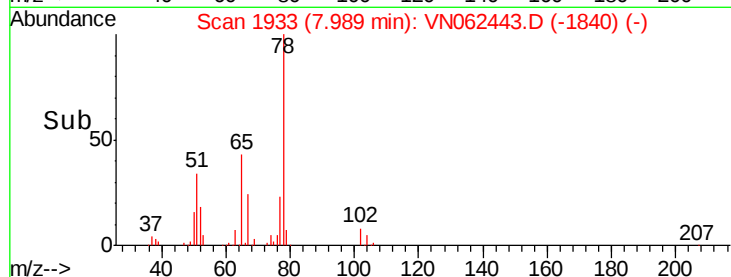
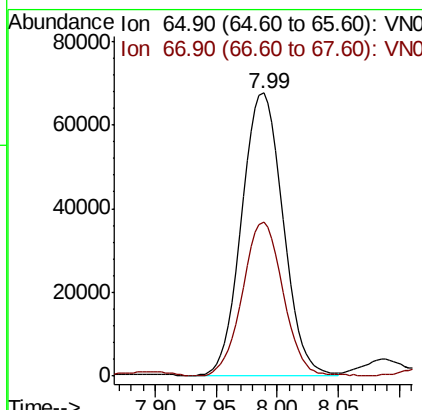
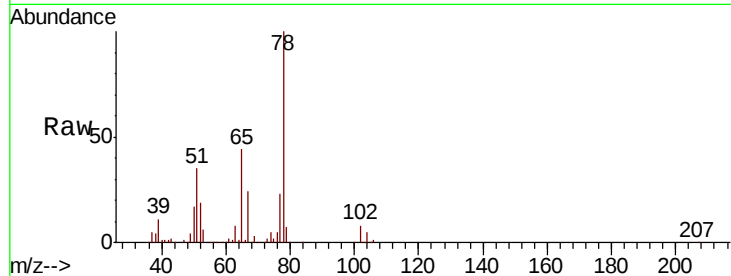




#33
 1,2-Dichloroethane-d4
 Concen: 51.038 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

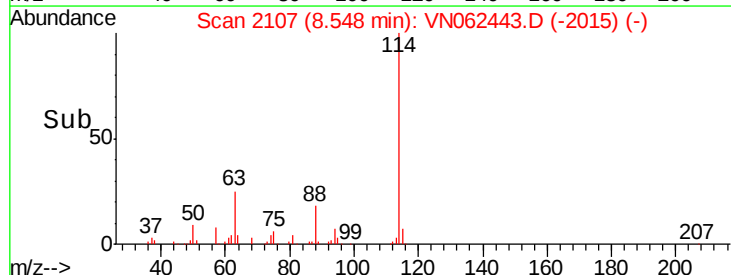
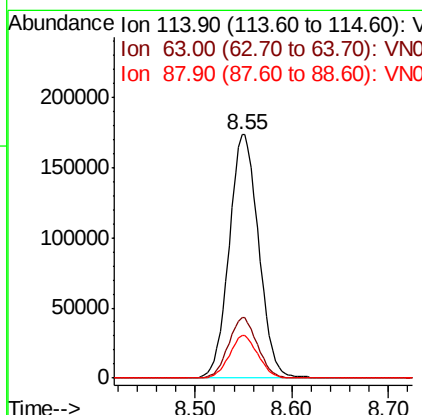
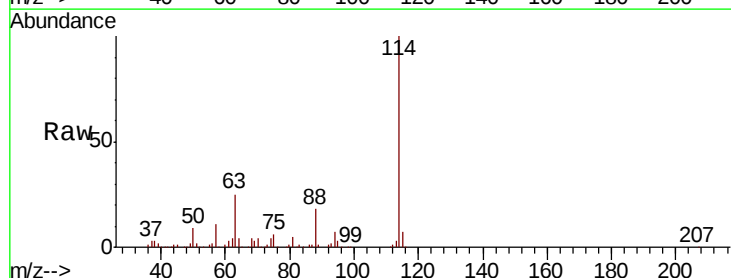
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

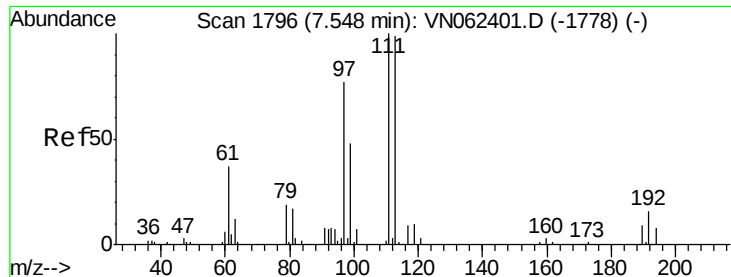
Tot Ion: 65 Resp: 159360
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion: 114 Resp: 367171
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.4
 88 17.5 0.0 33.8

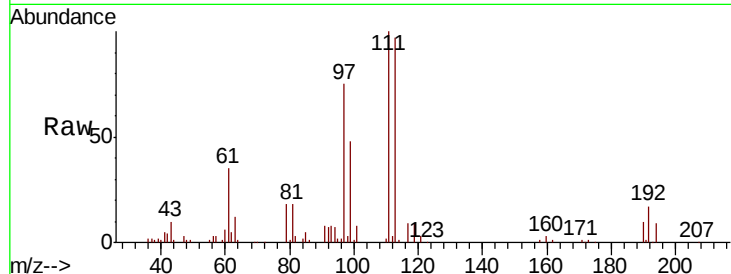




#35
 Dibromofluoromethane
 Concen: 49.193 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	17.5	14.1	21.1

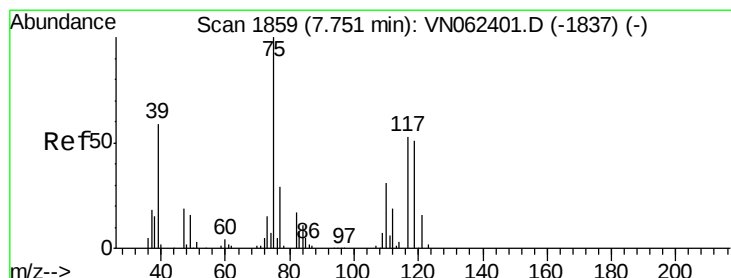
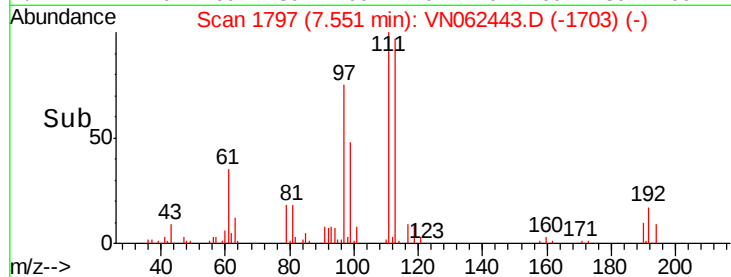
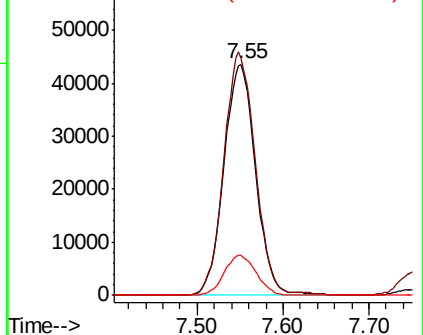


Abundance

Ion 112.80 (112.50 to 113.50): V

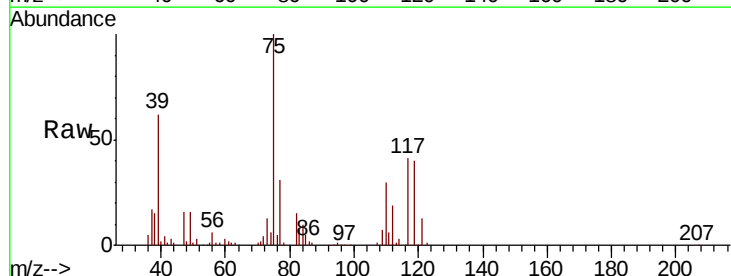
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 49.397 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.8	15.4	46.2
77	30.9	24.1	36.1

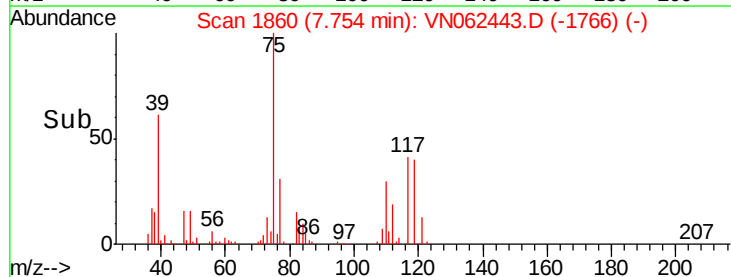
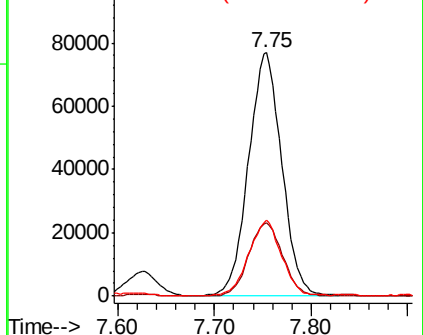


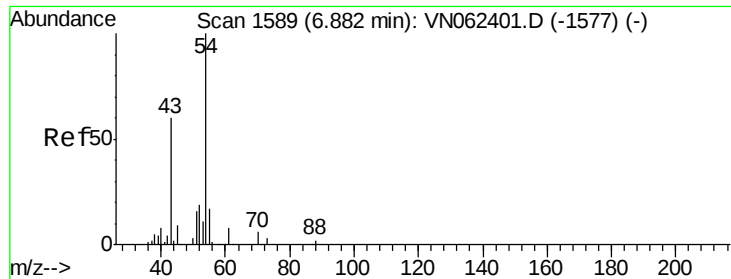
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

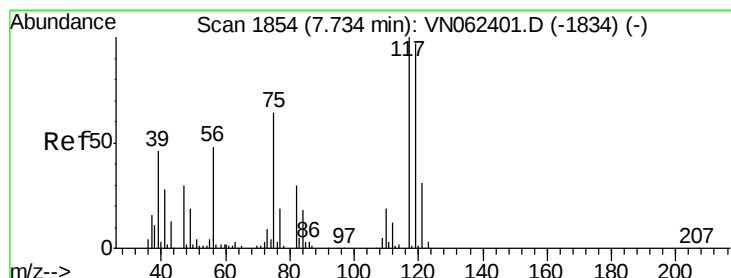
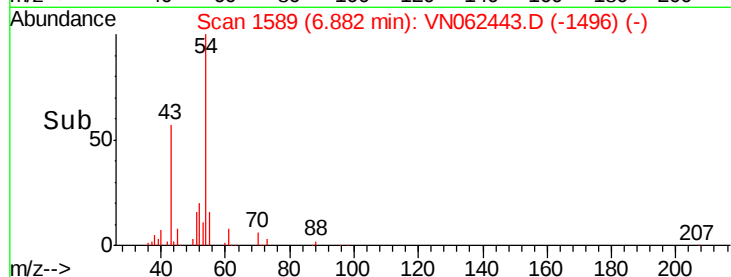
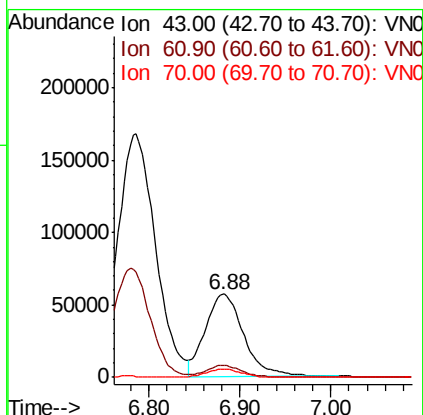
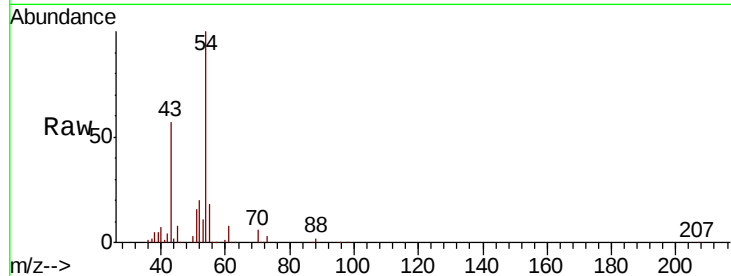




#37
Ethyl Acetate
Concen: 38.741 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

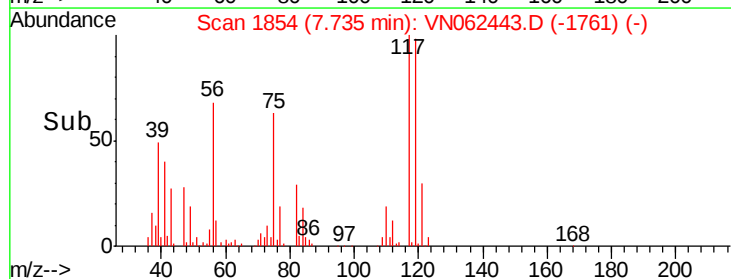
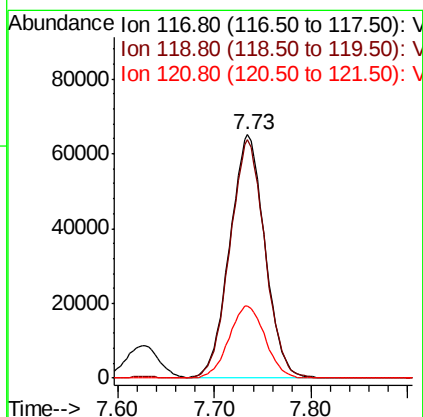
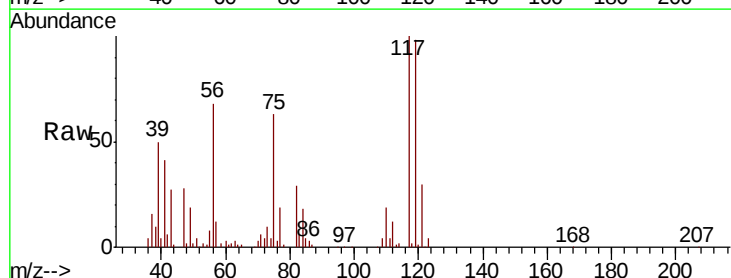
Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

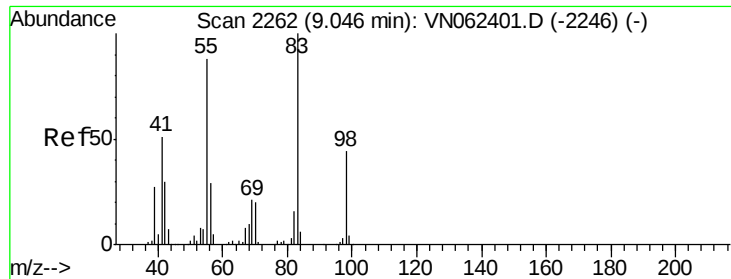
Tot Ion: 43 Resp: 167573
Ion Ratio Lower Upper
43 100
61 12.9 10.7 16.1
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 49.471 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 117 Resp: 164528
Ion Ratio Lower Upper
117 100
119 97.7 77.2 115.8
121 29.9 24.8 37.2

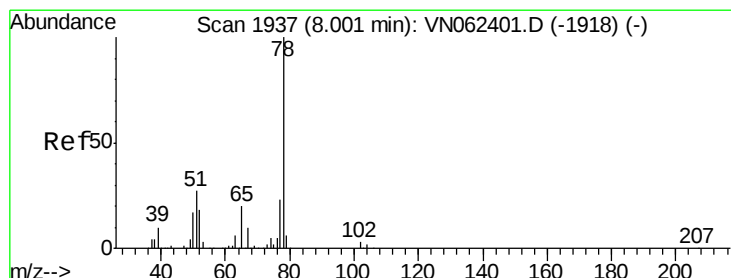
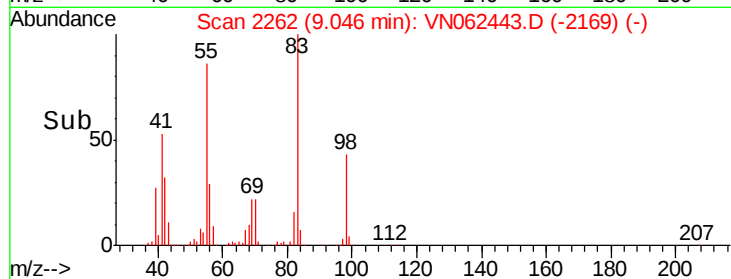
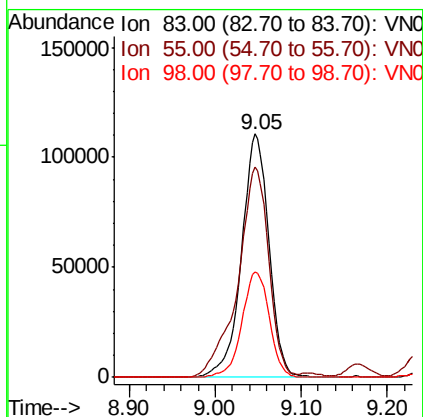
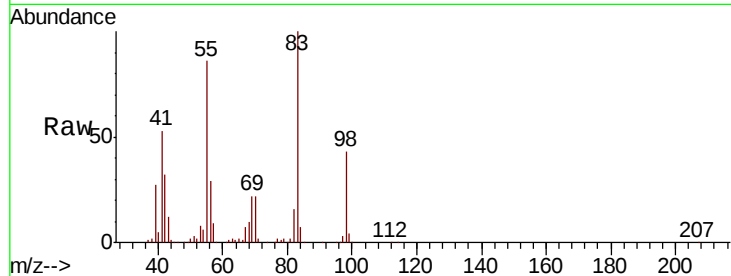




#39
Methvlcvclohexane
Concen: 62.048 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

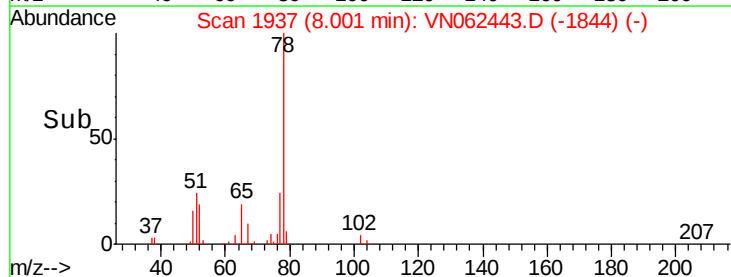
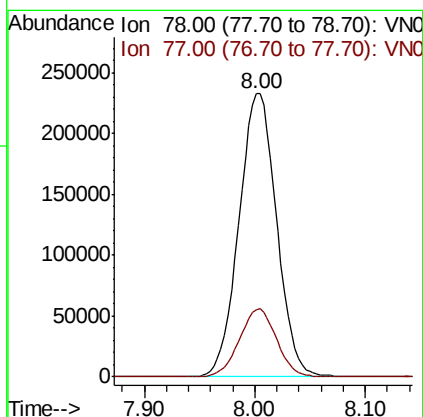
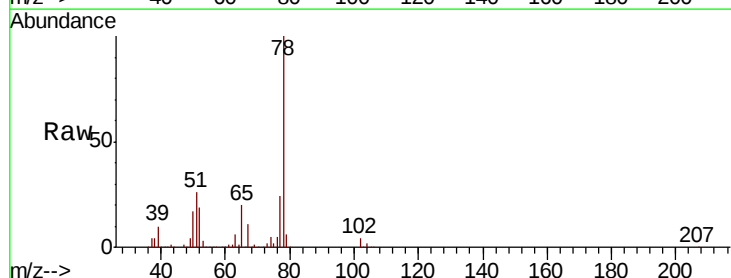
Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

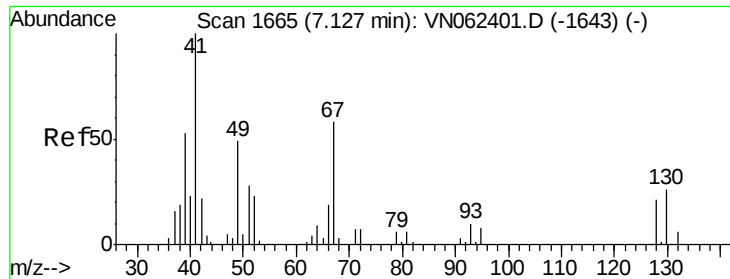
Tot Ion: 83 Resp: 245045
Ion Ratio Lower Upper
83 100
55 86.1 70.5 105.7
98 43.3 35.5 53.3



#40
Benzene
Concen: 50.547 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 78 Resp: 551087
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

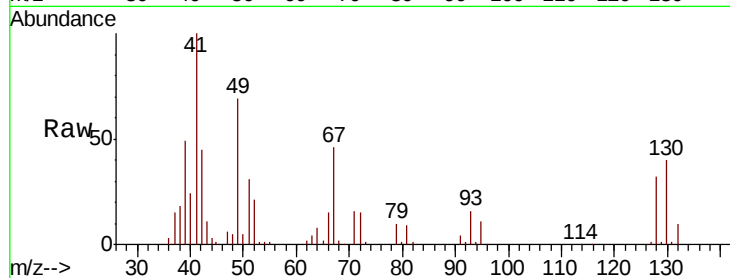




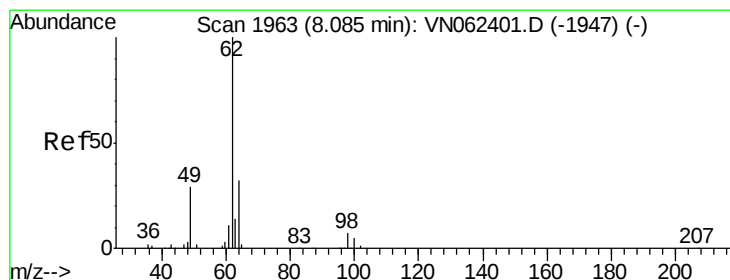
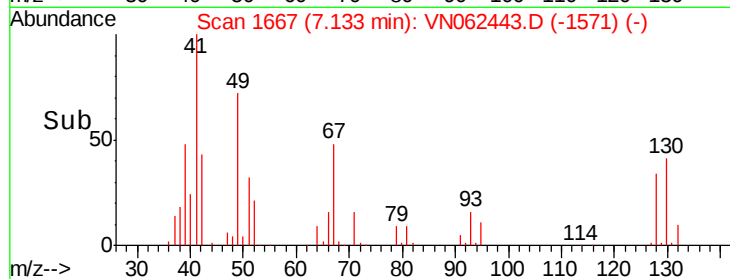
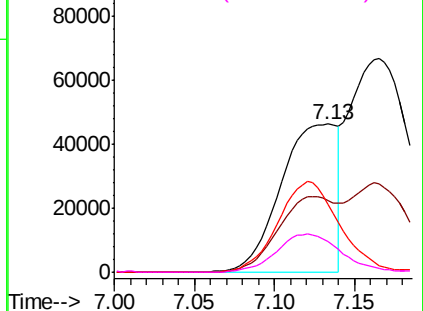
#41
Methacrylonitrile
Concen: 63.239 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

Tot Ion: 41 Resp: 114287
Ion Ratio Lower Upper
41 100
39 51.6 50.2 75.2
67 66.8 64.2 96.2
52 29.4 28.0 42.0

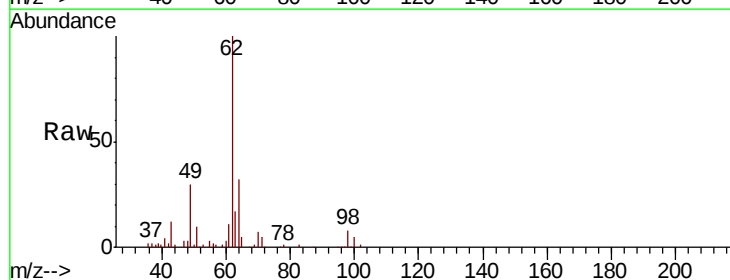


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

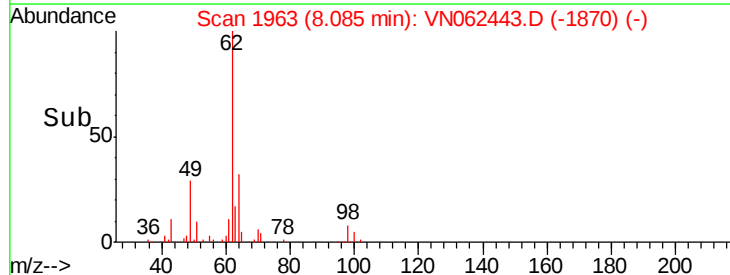
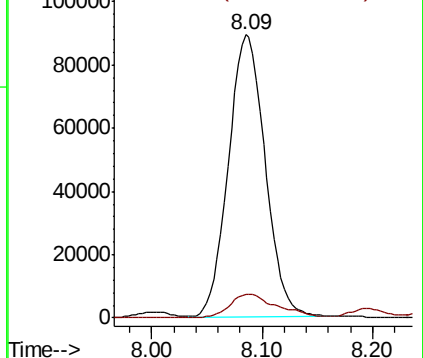


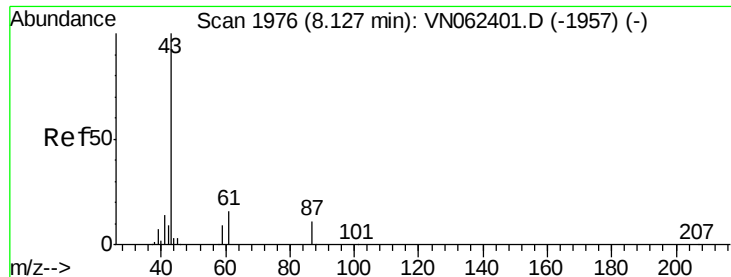
#42
1,2-Dichloroethane
Concen: 51.866 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 62 Resp: 207051
Ion Ratio Lower Upper
62 100
98 11.0 0.0 15.8



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



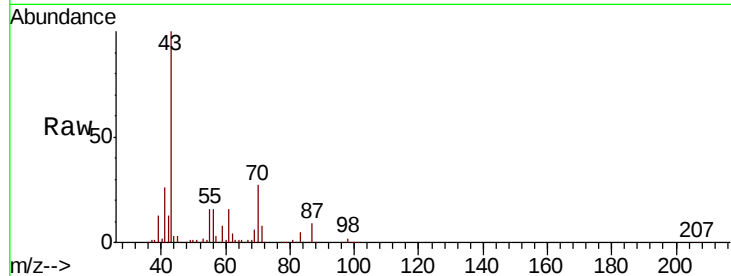


#43

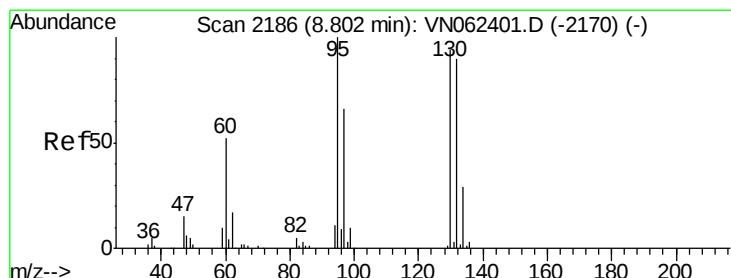
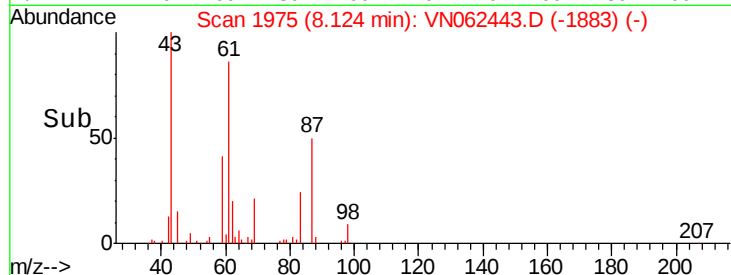
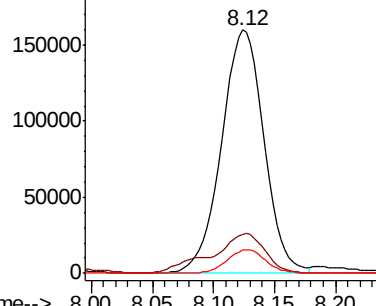
Isopropyl Acetate
 Concen: 56.259 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	19.3	28.9
87	9.0	8.6	13.0



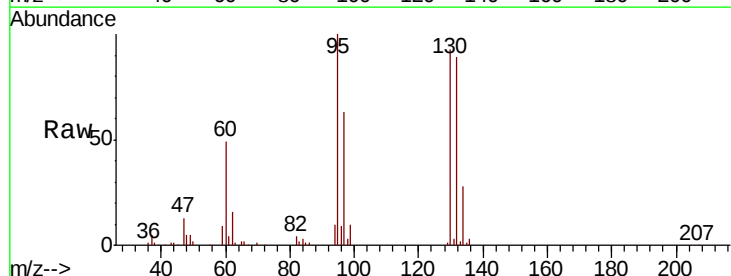
Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)
 Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)
 Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



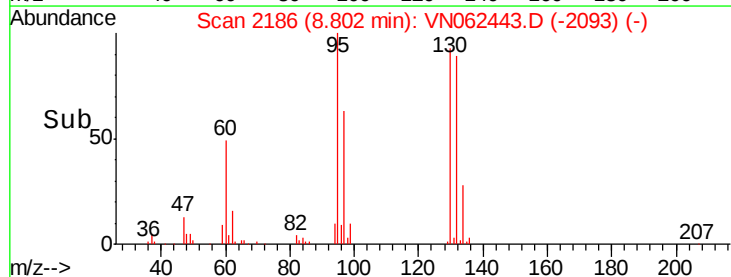
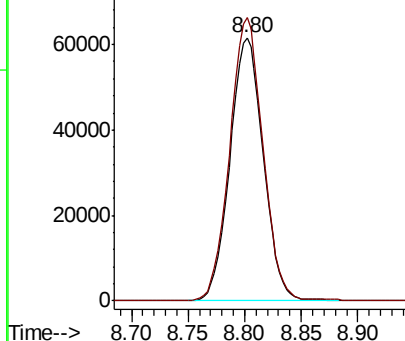
#44

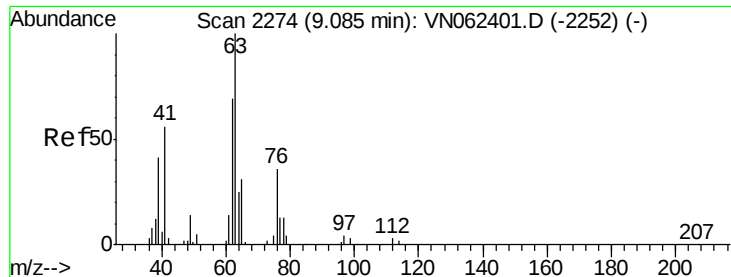
Trichloroethene
 Concen: 52.375 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)
 Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 50.863 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

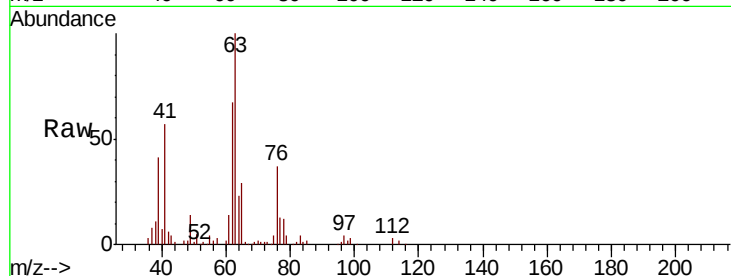
MW-14MS

Tot Ion: 63 Resp: 160976

Ion Ratio Lower Upper

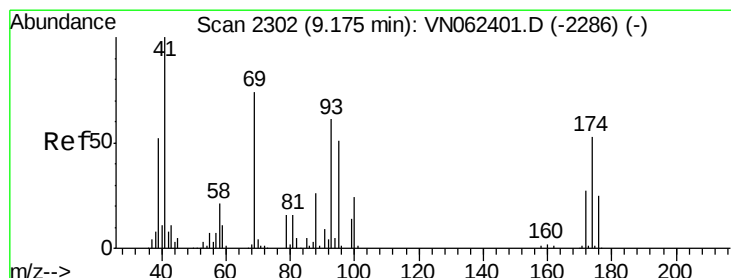
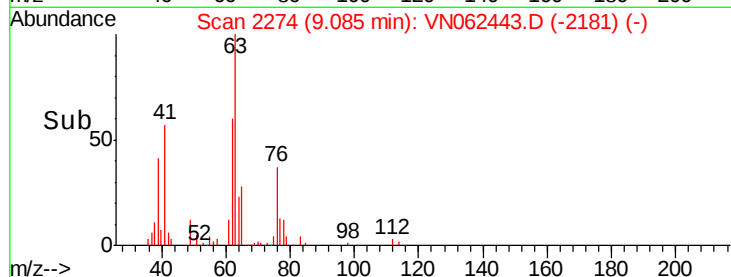
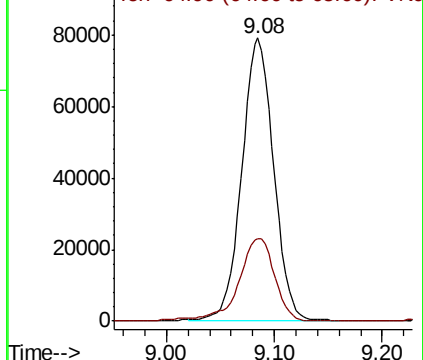
63 100

65 29.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.633 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

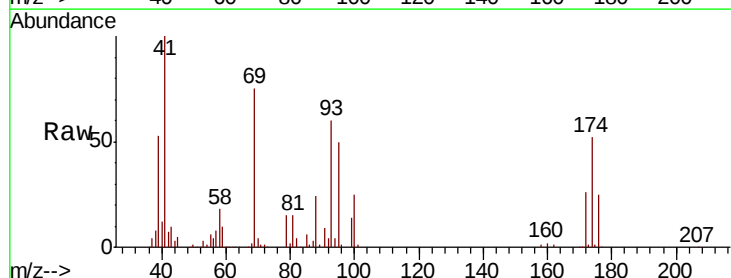
Tgt Ion: 93 Resp: 92218

Ion Ratio Lower Upper

93 100

95 82.8 67.1 100.7

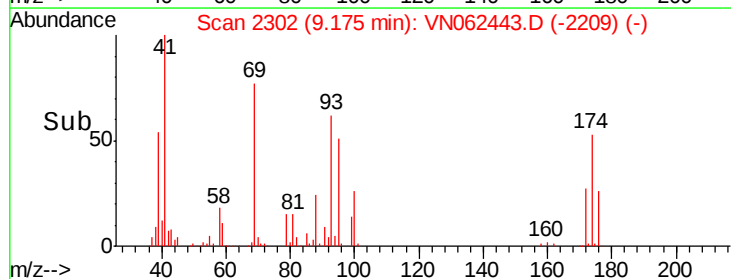
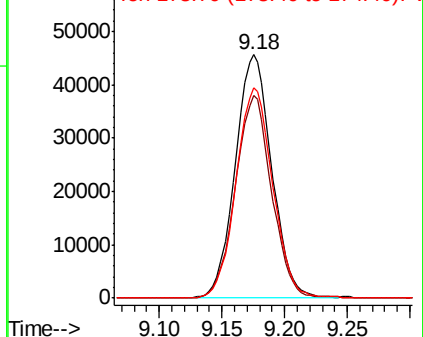
174 87.3 70.4 105.6

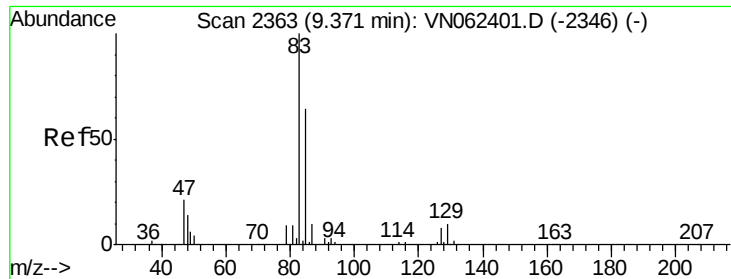


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.709 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

MW-14MS

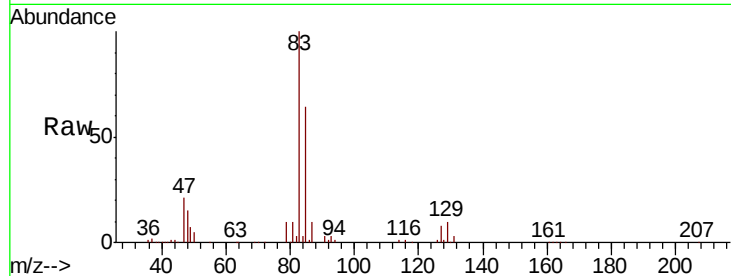
Tot Ion: 83 Resp: 197450

Ion Ratio Lower Upper

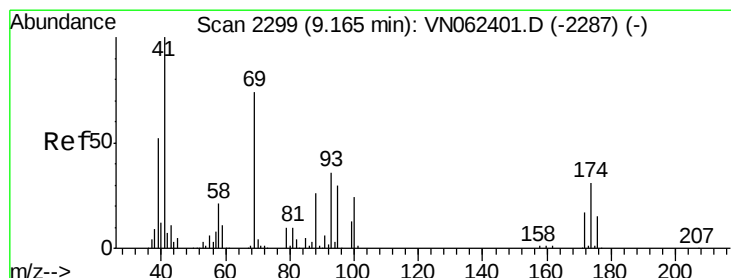
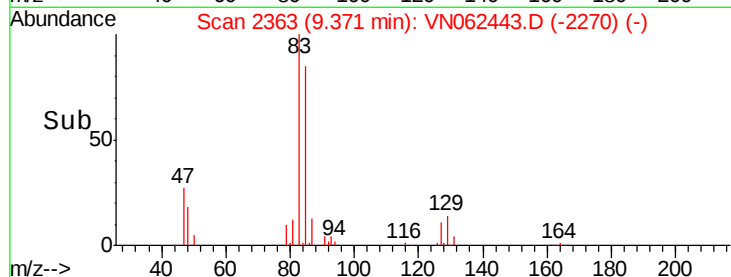
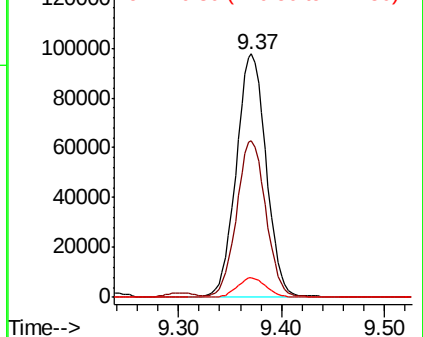
83 100

85 64.1 51.2 76.8

127 8.1 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 49.324 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

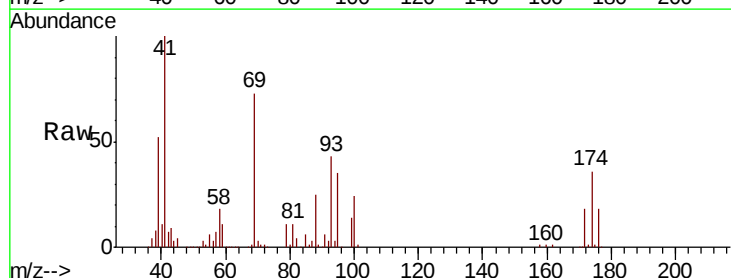
Tgt Ion: 41 Resp: 165326

Ion Ratio Lower Upper

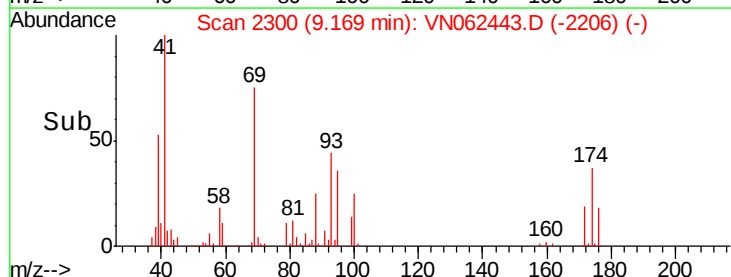
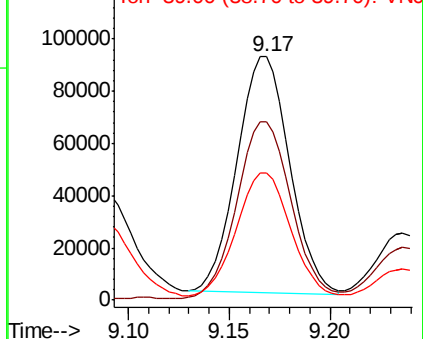
41 100

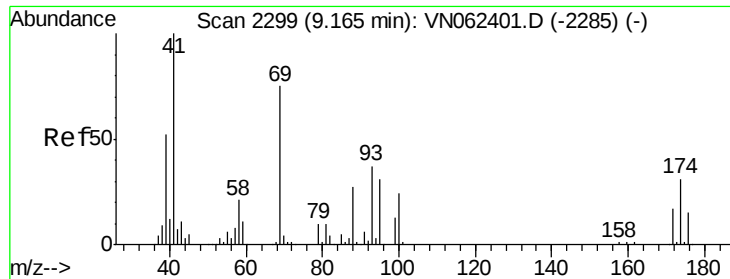
69 77.8 60.8 91.2

39 53.5 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 973.359 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

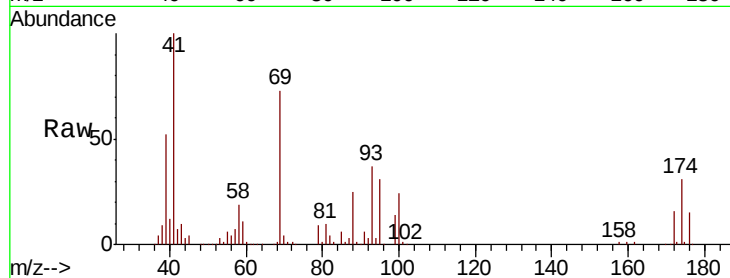
MSVOA_N

ClientSampleId :

MW-14MS

Tot Ion: 88 Resp: 47487

Ion	Ratio	Lower	Upper
88	100		
43	36.5	31.0	46.4
58	79.2	63.3	94.9

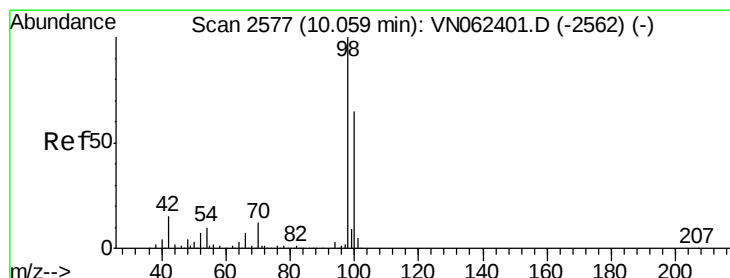
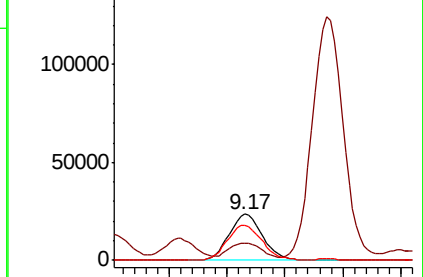
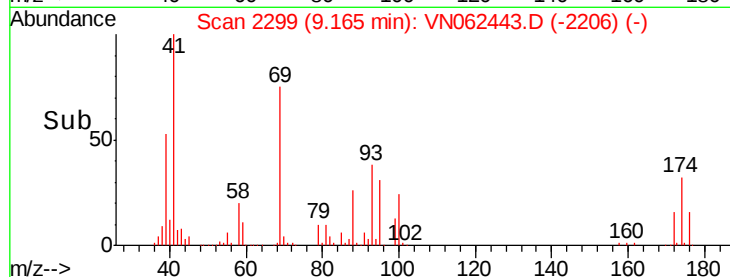


Abundance

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: 49.428 ug/l

RT: 10.06 min Scan# 2577

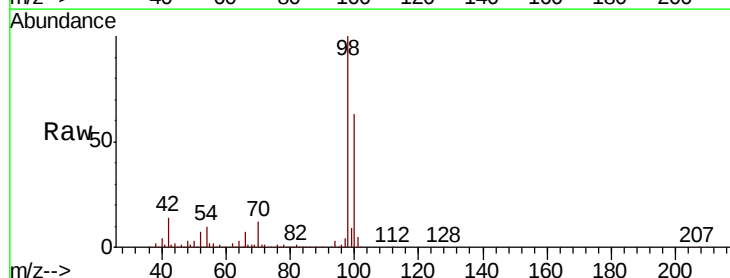
Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Tgt Ion: 98 Resp: 442859

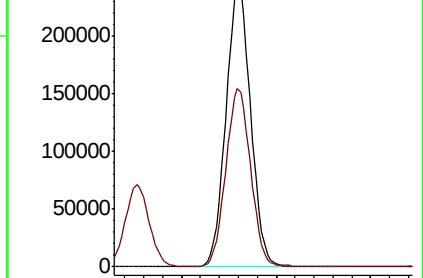
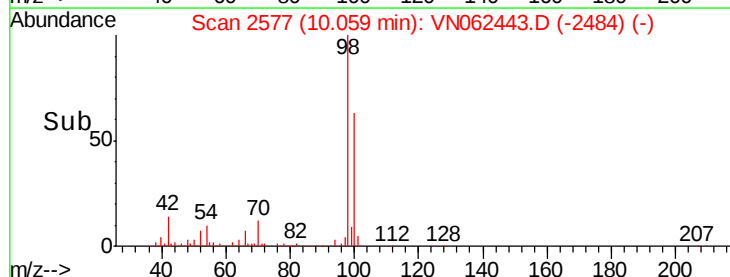
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3

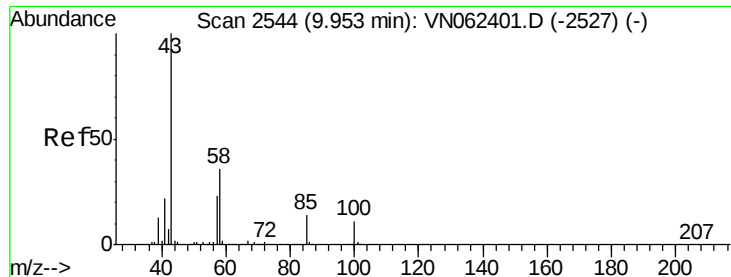


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 257.636 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

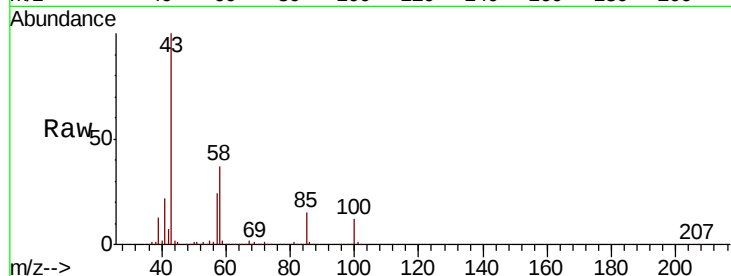
MW-14MS

Tot Ion: 43 Resp: 1051487

Ion Ratio Lower Upper

43 100

58 37.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-2527) (-)

9.95

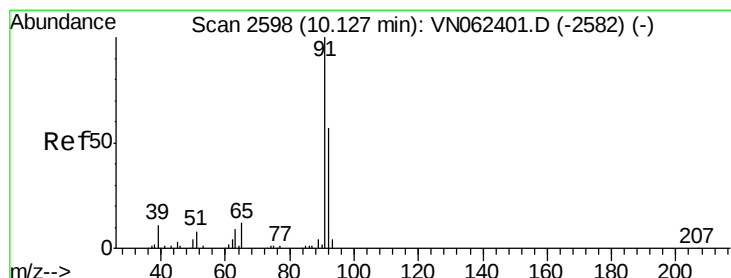
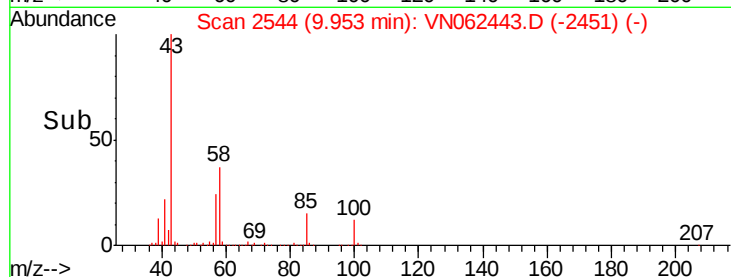
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.360 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062443.D

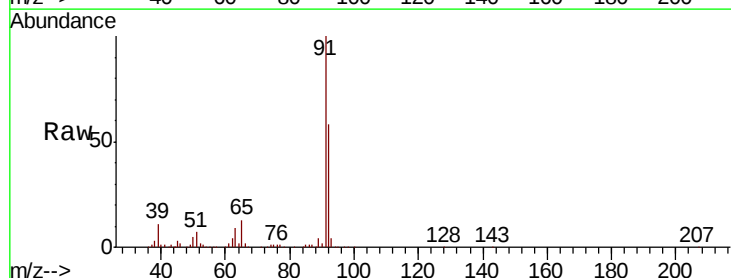
Acq: 9 Jul 2020 6:47

Tgt Ion: 92 Resp: 329727

Ion Ratio Lower Upper

92 100

91 174.7 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062401.D (-2582) (-)

10.12

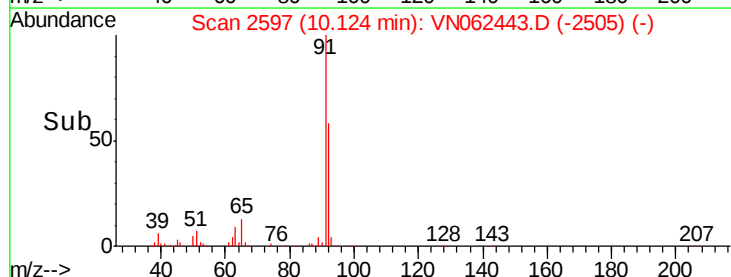
300000

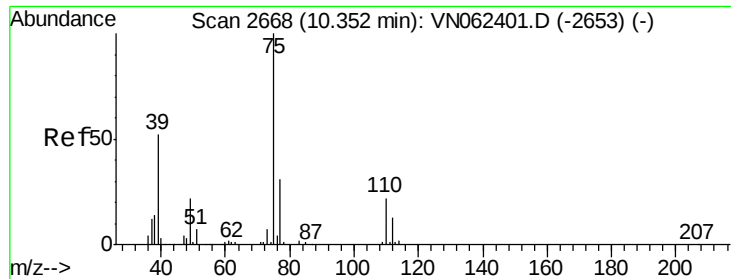
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.298 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

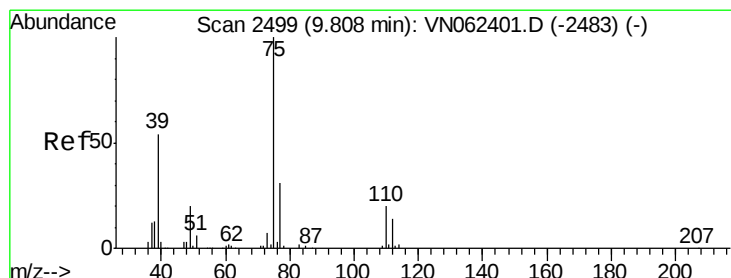
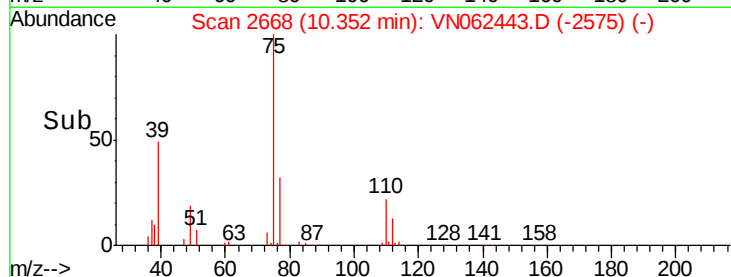
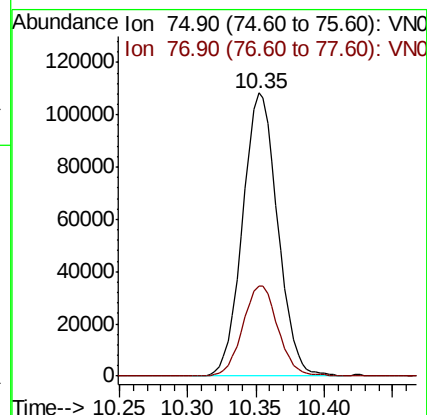
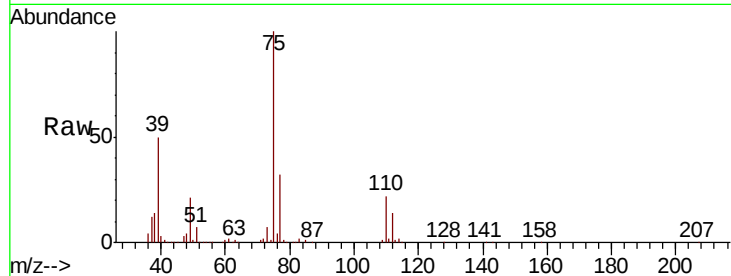
MW-14MS

Tot Ion: 75 Resp: 193786

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 44.546 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

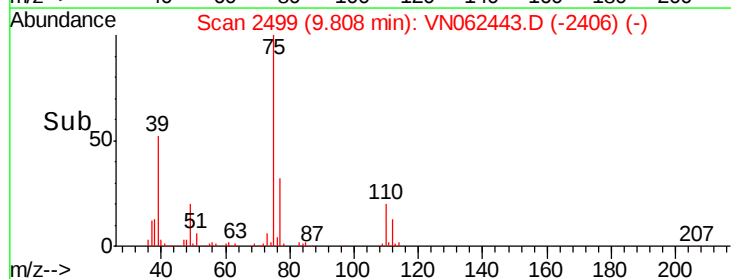
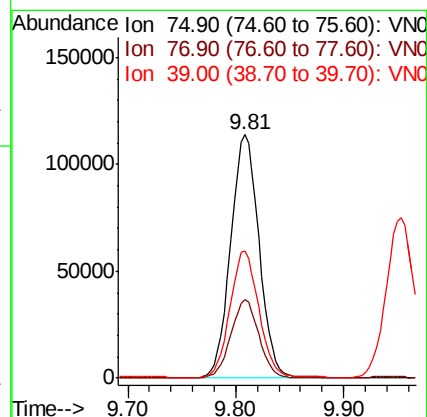
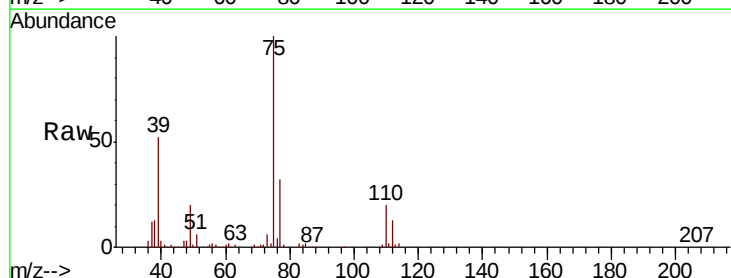
Tgt Ion: 75 Resp: 210264

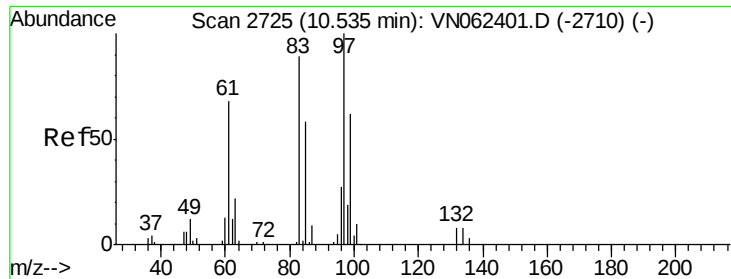
Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7

39 52.1 43.4 65.0

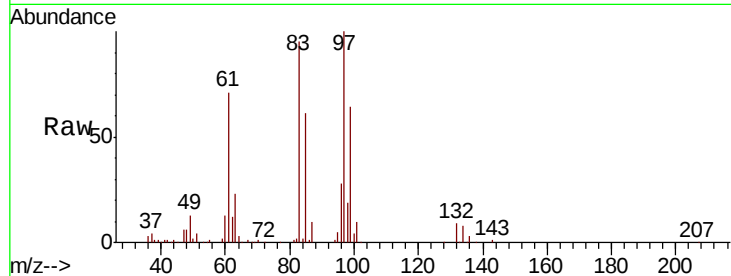




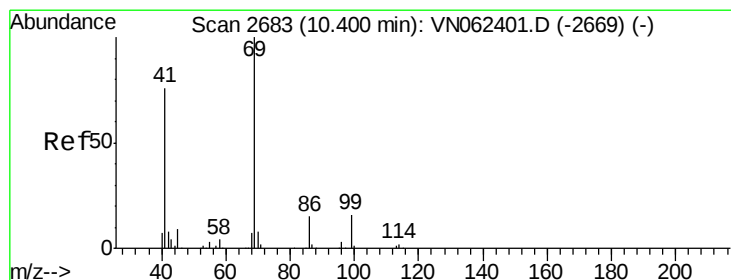
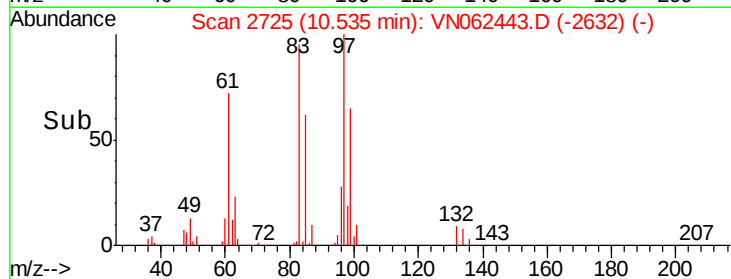
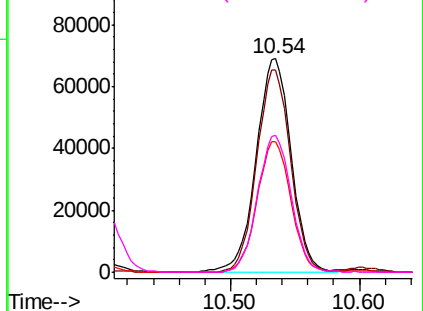
#55
 1,1,2-Trichloroethane
 Concen: 52.906 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Instrument :
 MSVOA_N
 ClientSampled :
 MW-14MS

Tot Ion:	97	Resp:	131035
Ion	Ratio	Lower	Upper
97	100		
83	94.7	71.0	106.4
85	61.2	46.2	69.4
99	64.3	49.7	74.5

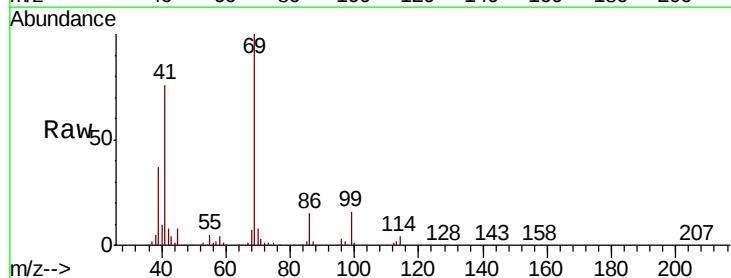


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

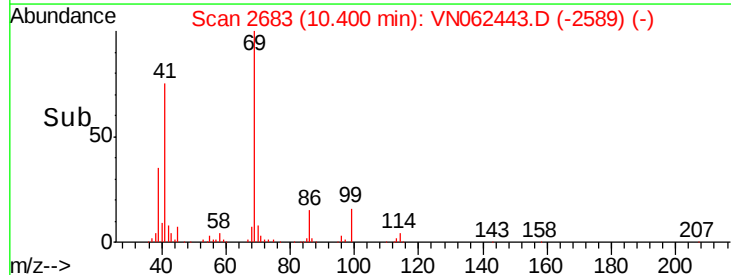
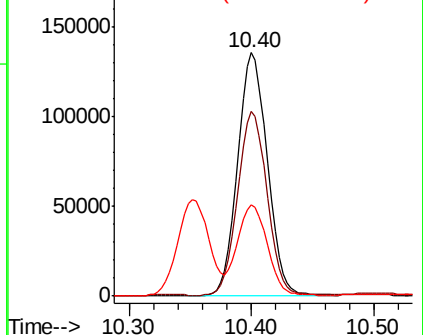


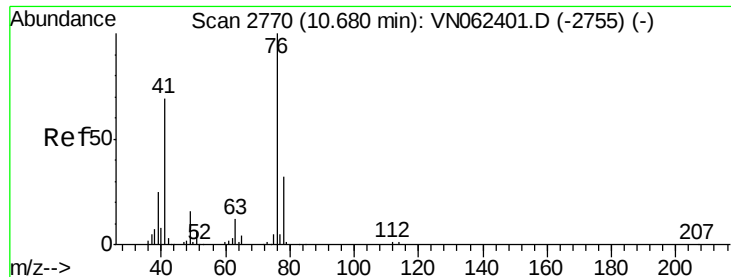
#56
 Ethyl methacrylate
 Concen: 50.319 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion:	69	Resp:	229411
Ion	Ratio	Lower	Upper
69	100		
41	74.4	59.7	89.5
39	37.2	30.6	45.8



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: 52.735 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampled :

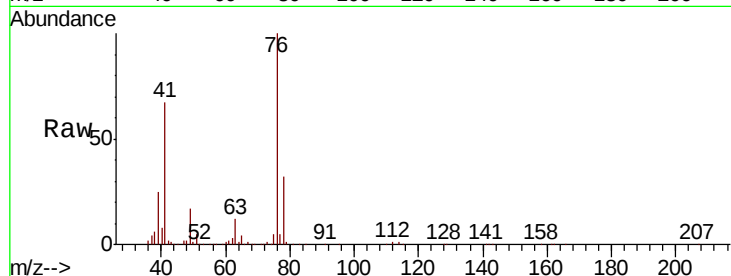
MW-14MS

Tot Ion: 76 Resp: 241306

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN062443.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN062443.D (-2677) (-)

10.68

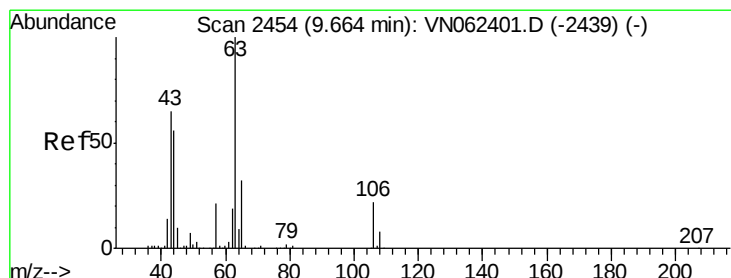
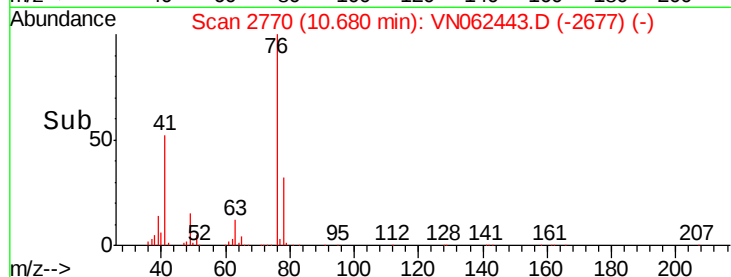
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 0.715 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.14 min

Lab File: VN062443.D

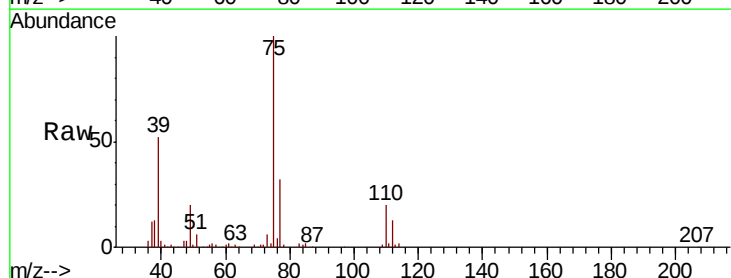
Acq: 9 Jul 2020 6:47

Tgt Ion: 63 Resp: 1050

Ion Ratio Lower Upper

63 100

106 0.0 17.6 26.4#



Abundance Ion 62.90 (62.60 to 63.60): VN062443.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062443.D (-2361) (-)

9.81

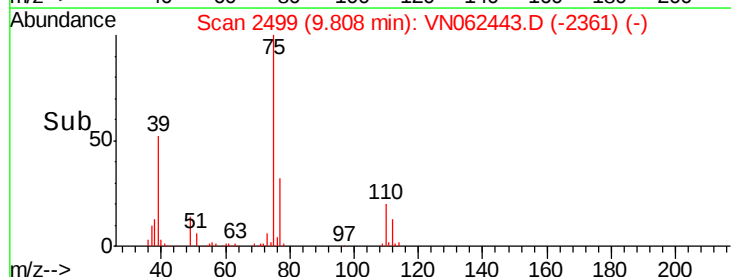
600

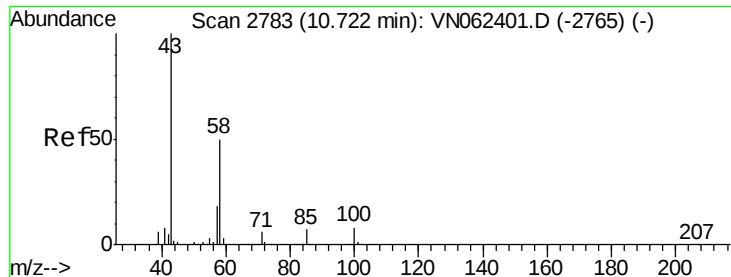
400

200

0

Time-->

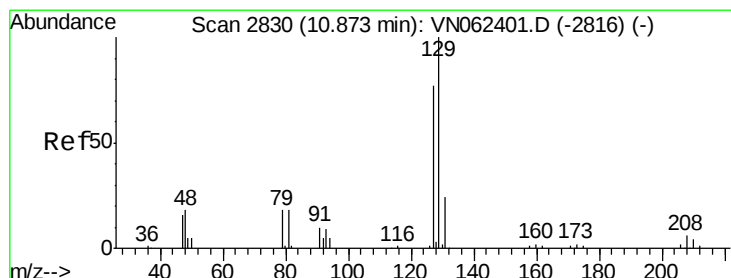
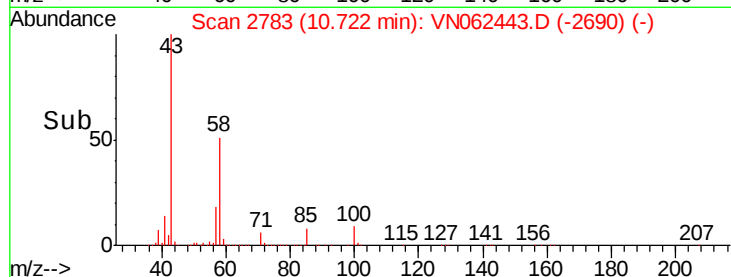
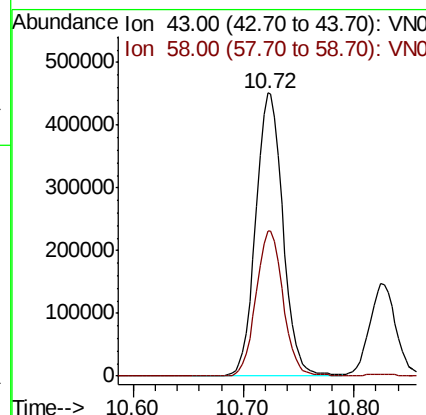
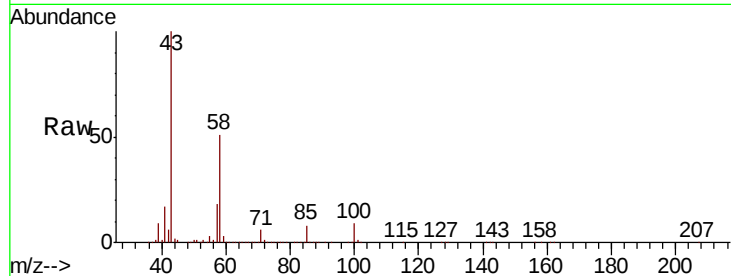




#59
2-Hexanone
Concen: 259.668 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

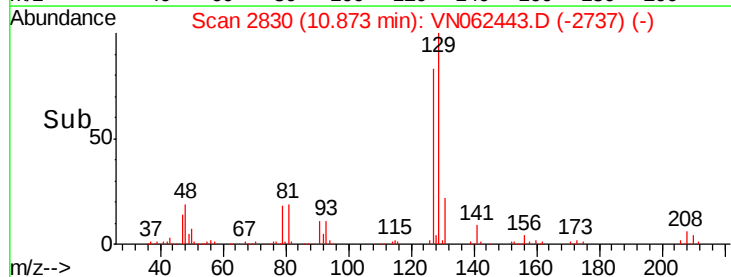
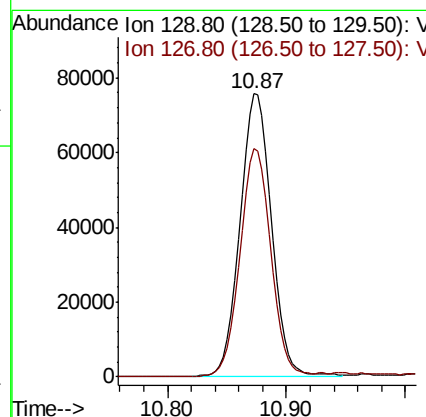
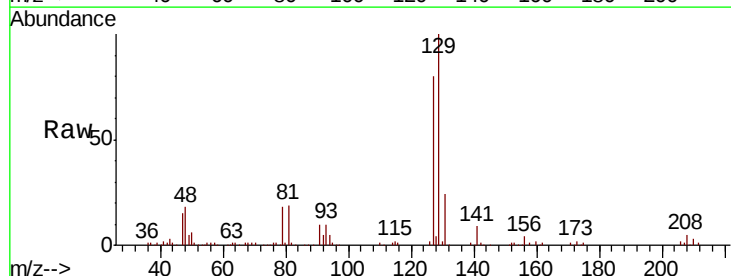
Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

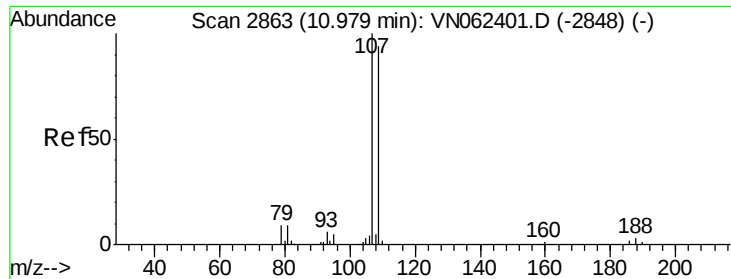
Tot Ion: 43 Resp: 769369
Ion Ratio Lower Upper
43 100
58 51.2 25.1 75.2



#60
Dibromochloromethane
Concen: 51.354 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 129 Resp: 137910
Ion Ratio Lower Upper
129 100
127 80.1 38.6 115.8

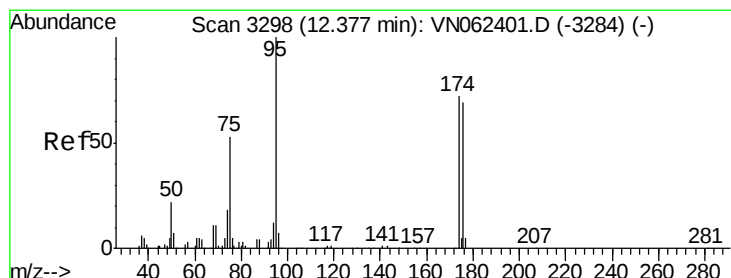
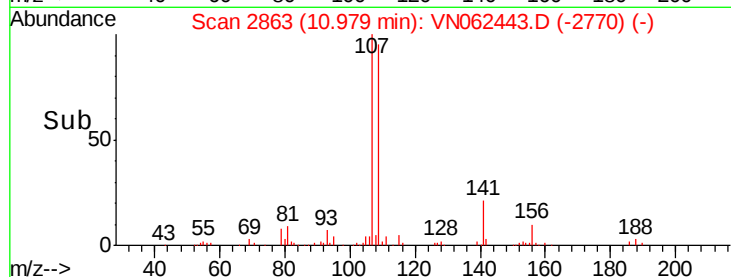
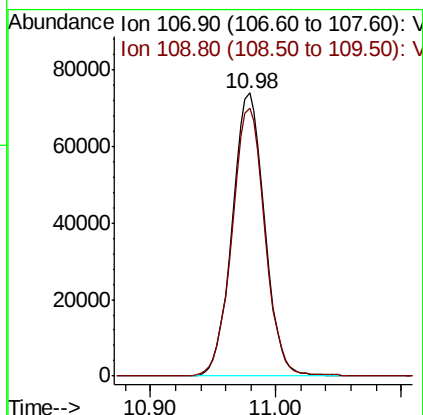
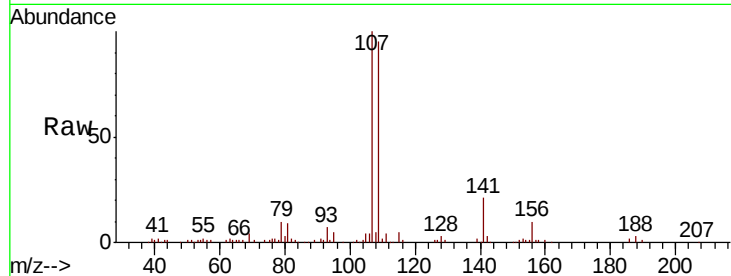




#61
 1,2-Dibromoethane
 Concen: 52.952 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

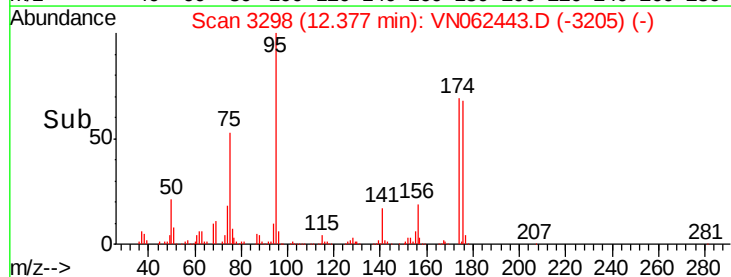
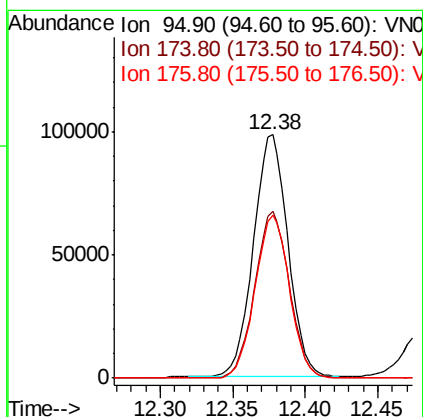
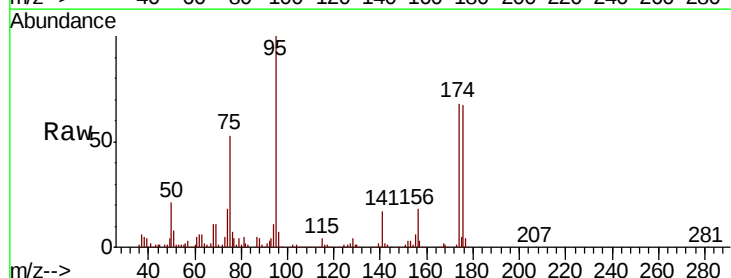
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

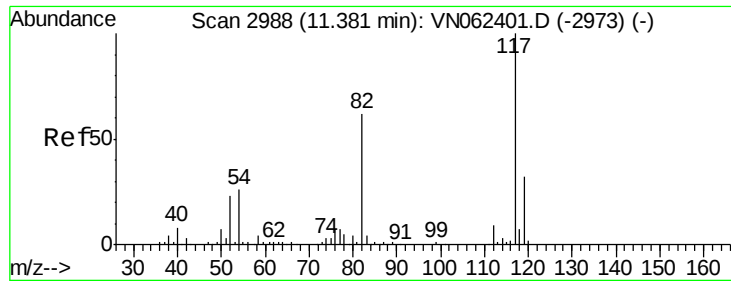
Tot Ion:107 Resp: 132392
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.838 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion: 95 Resp: 163180
 Ion Ratio Lower Upper
 95 100
 174 69.2 0.0 141.6
 176 67.1 0.0 137.2

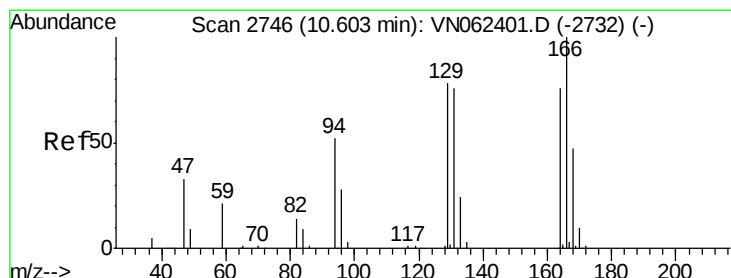
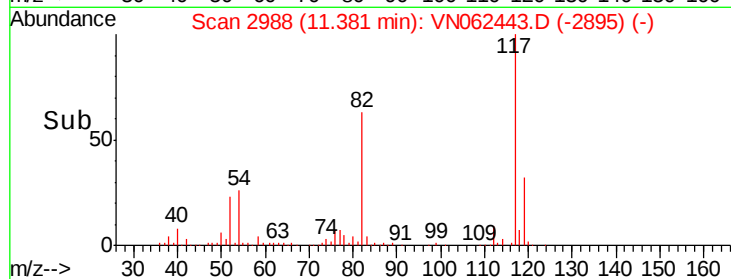
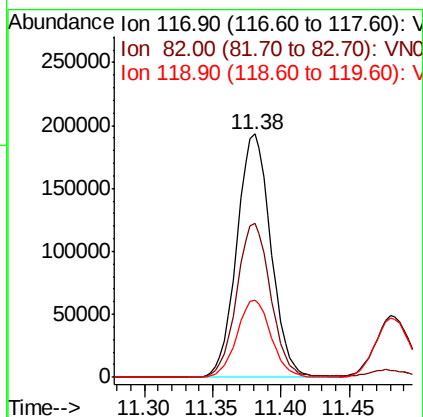
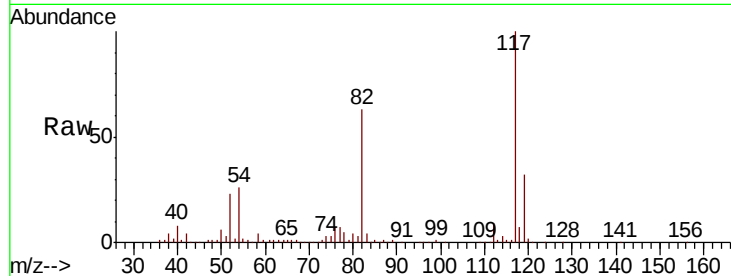




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

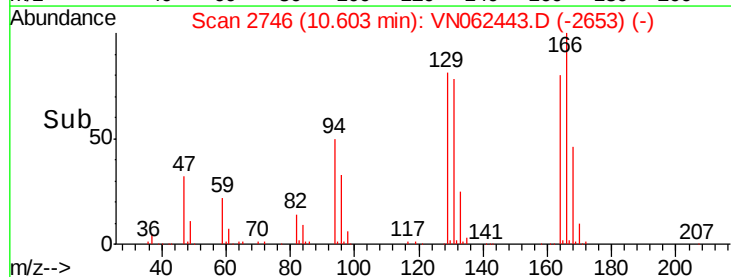
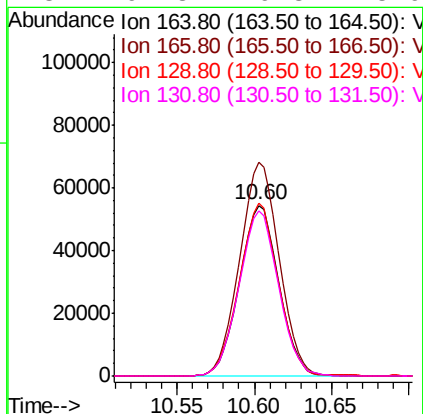
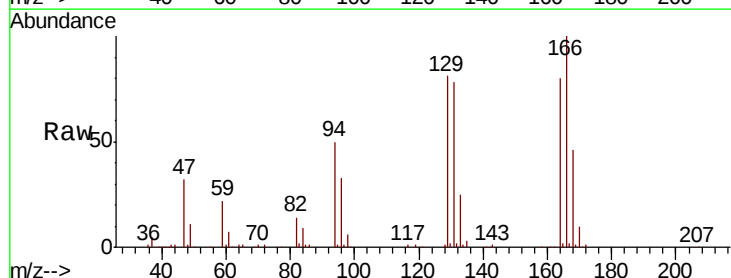
Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

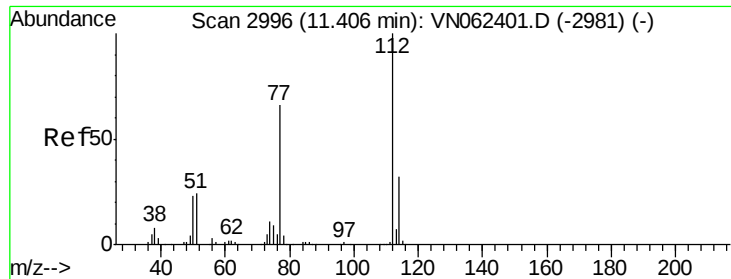
Tot Ion:117 Resp: 336010
Ion Ratio Lower Upper
117 100
82 63.2 49.6 74.4
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 48.256 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion:164 Resp: 96217
Ion Ratio Lower Upper
164 100
166 125.4 104.9 157.3
129 101.4 81.8 122.6
131 97.3 79.3 118.9





#65

Chlorobenzene

Concen: 52.056 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

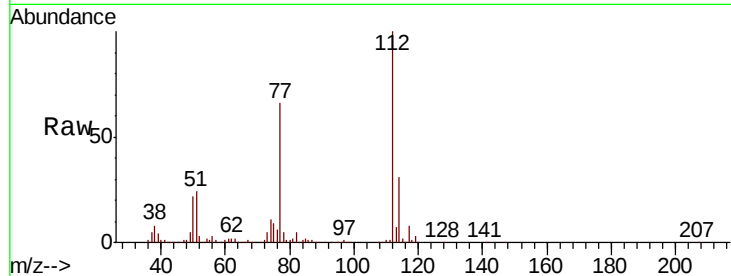
MW-14MS

Tot Ion:112 Resp: 339948

Ion Ratio Lower Upper

112 100

114 31.5 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

200000

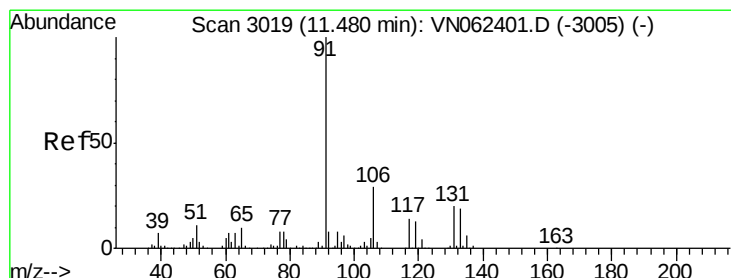
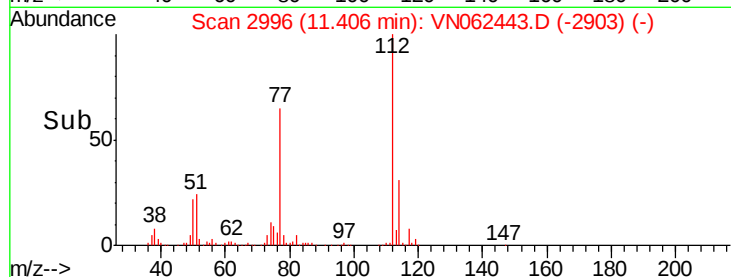
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 51.508 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

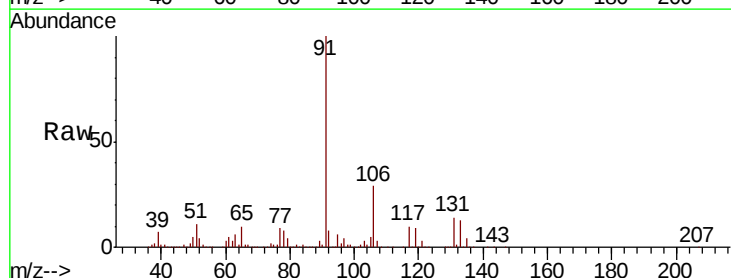
Tgt Ion:131 Resp: 124044

Ion Ratio Lower Upper

131 100

133 93.9 46.9 140.8

119 67.2 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

80000

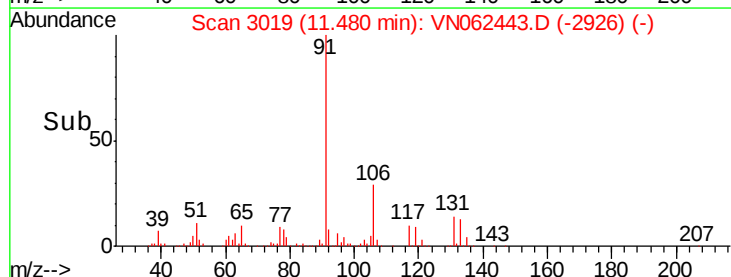
60000

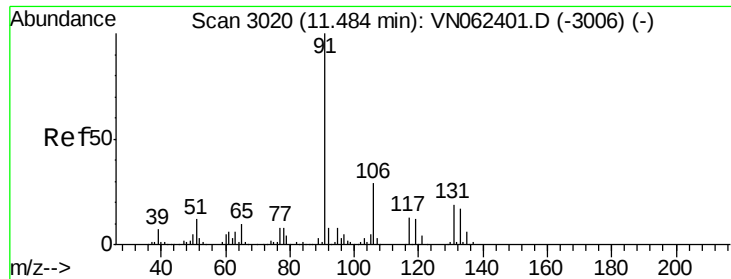
40000

20000

0

Time--> 11.40 11.50

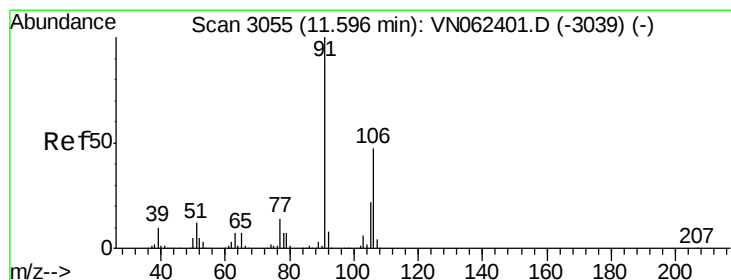
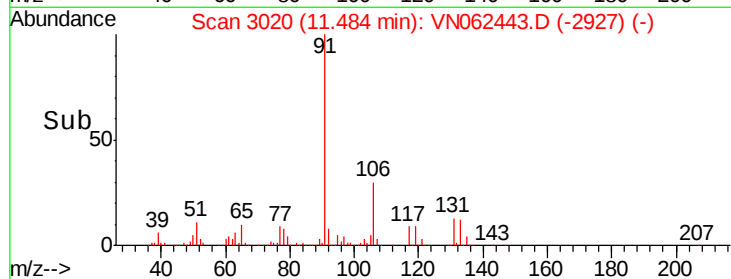
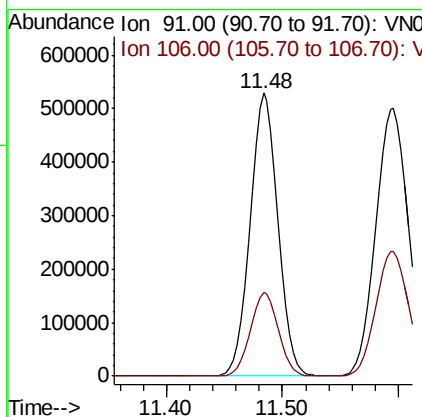
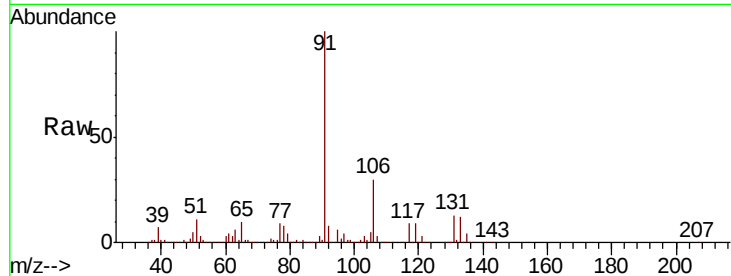




#67
Ethyl Benzene
Concen: 72.161 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

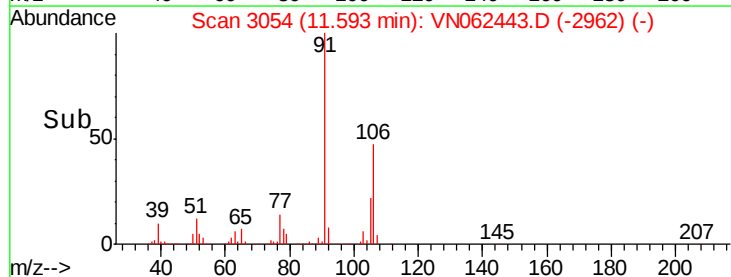
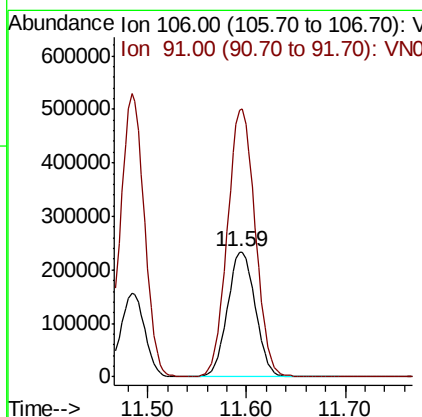
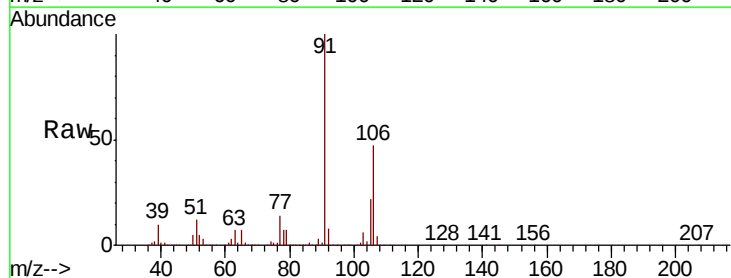
Instrument :
MSVOA_N
ClientSampled :
MW-14MS

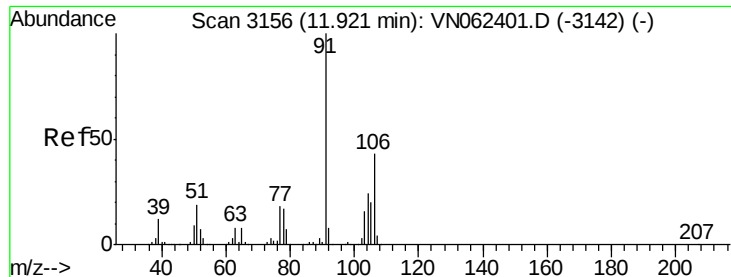
Tot Ion: 91 Resp: 884567
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2



#68
m/p-Xylenes
Concen: 105.965 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 106 Resp: 459836
Ion Ratio Lower Upper
106 100
91 213.2 172.4 258.6

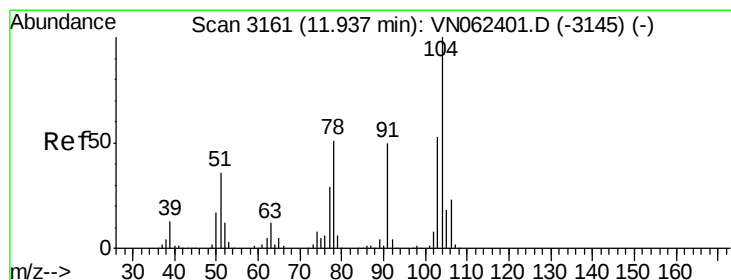
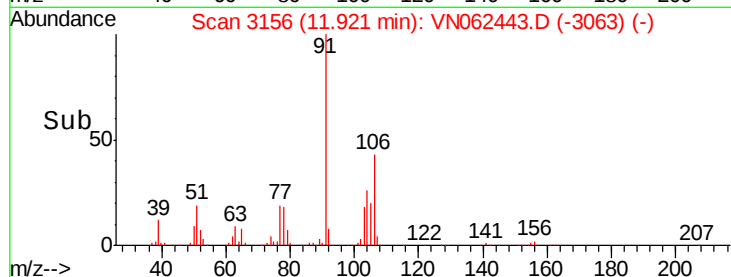
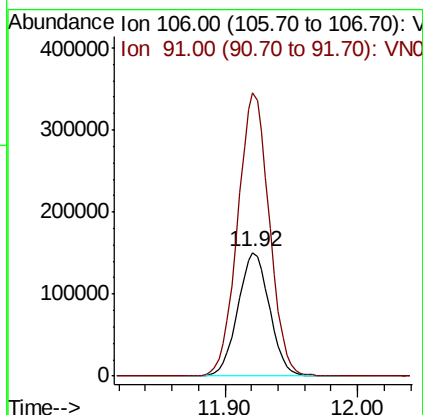
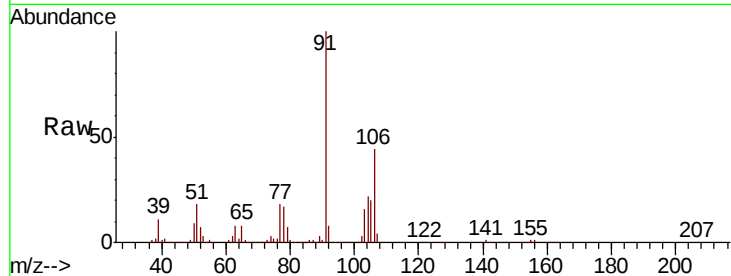




#69
o-Xylene
Concen: 59.133 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

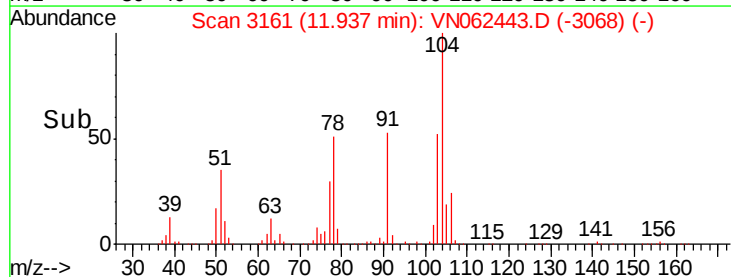
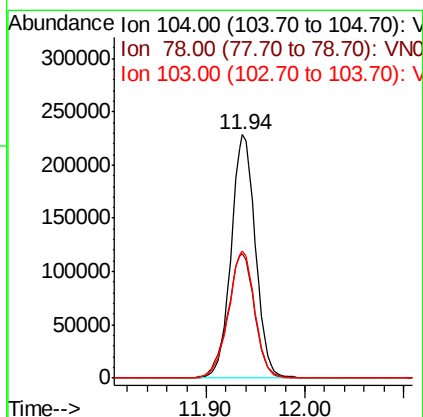
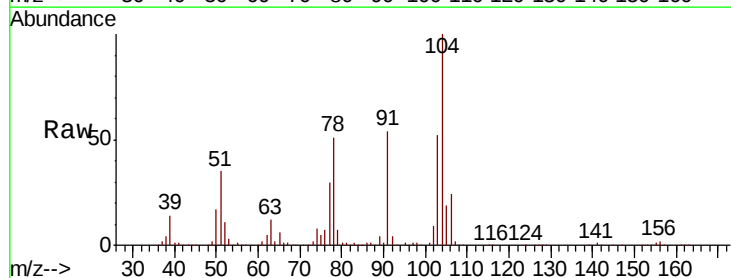
Instrument :
MSVOA_N
ClientSampled :
MW-14MS

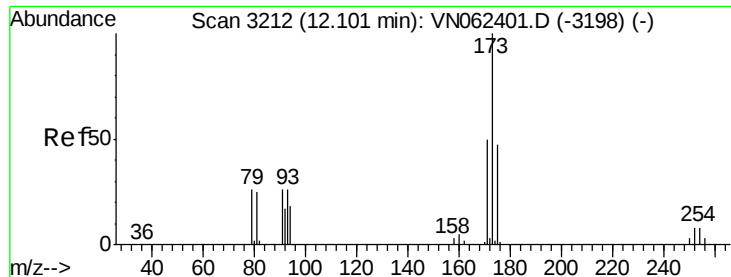
Tot Ion:106 Resp: 249844
Ion Ratio Lower Upper
106 100
91 228.1 113.8 341.4



#70
Styrene
Concen: 56.258 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion:104 Resp: 392841
Ion Ratio Lower Upper
104 100
78 55.8 44.2 66.4
103 55.8 44.4 66.6

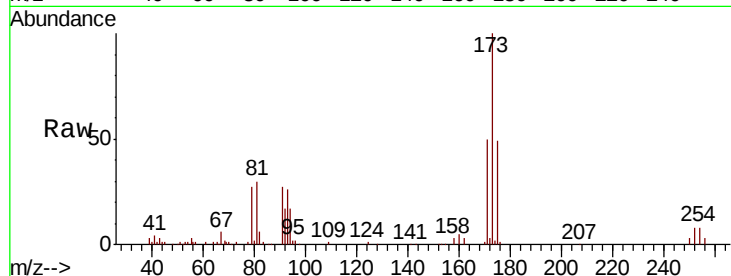




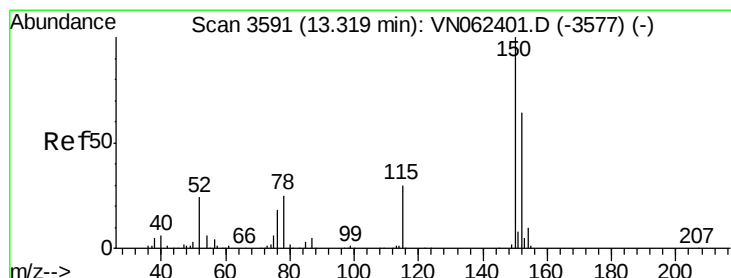
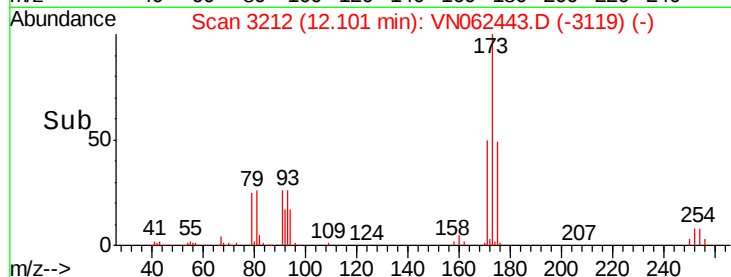
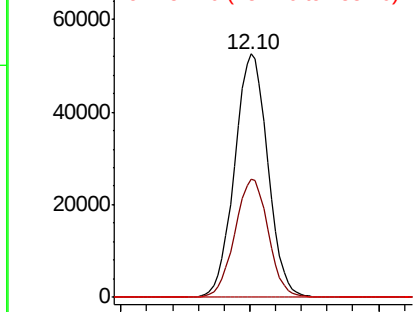
#71
Bromoform
Concen: 53.255 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

Tot Ion:173 Resp: 94017
Ion Ratio Lower Upper
173 100
175 48.7 23.7 71.1
254 0.0 0.0 0.0

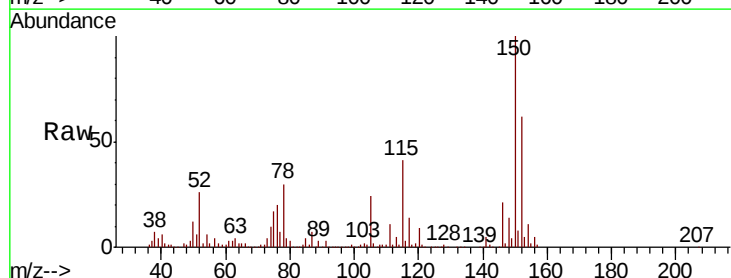


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

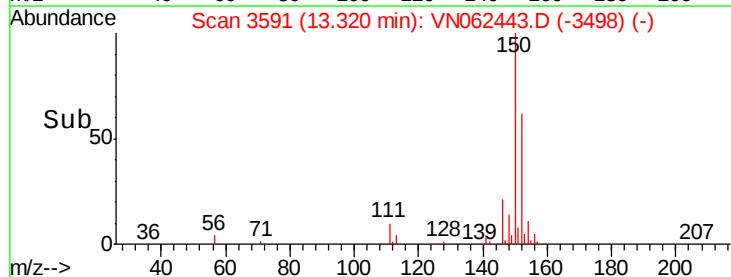
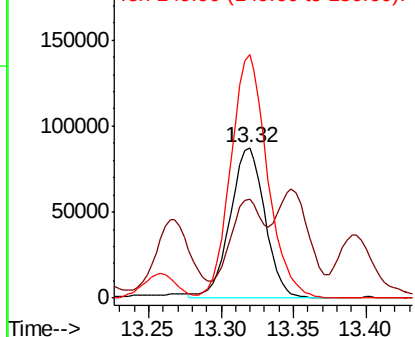


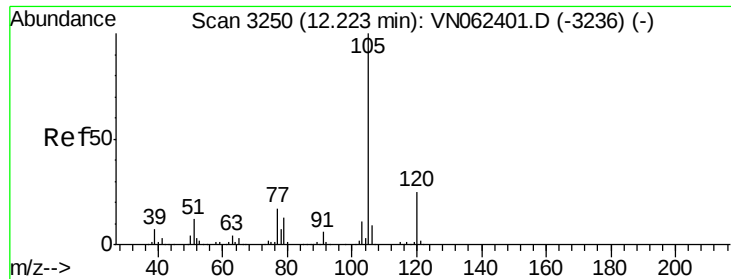
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion:152 Resp: 143601
Ion Ratio Lower Upper
152 100
115 58.2 31.4 94.2
150 172.4 0.0 347.4



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





#73

Isopropylbenzene

Concen: 158.515 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

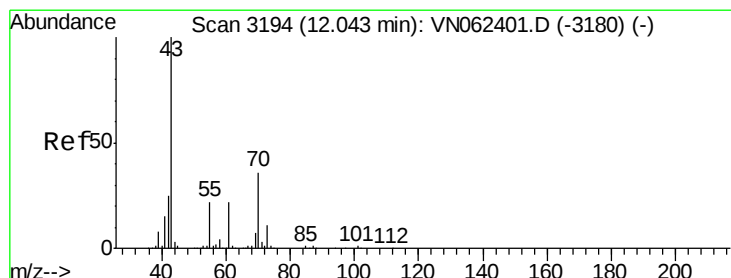
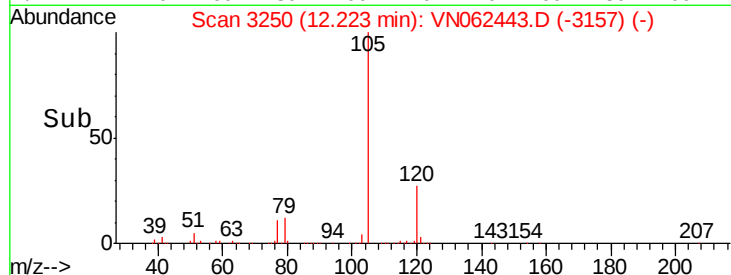
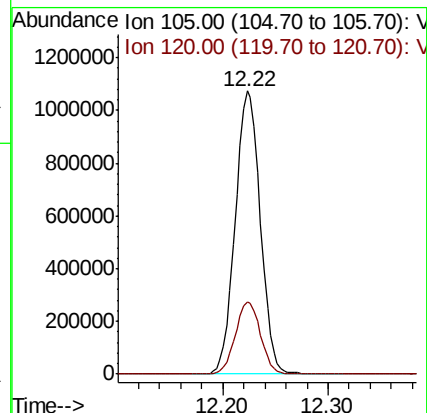
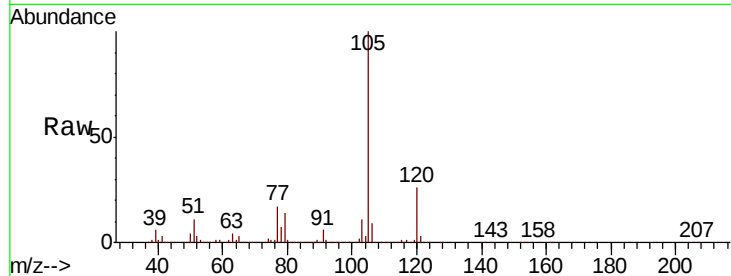
MW-14MS

Tot Ion:105 Resp: 1761444

Ion Ratio Lower Upper

105 100

120 25.7 12.7 38.1



#74

N-ethyl acetate

Concen: 46.761 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Tgt Ion: 43 Resp: 252910

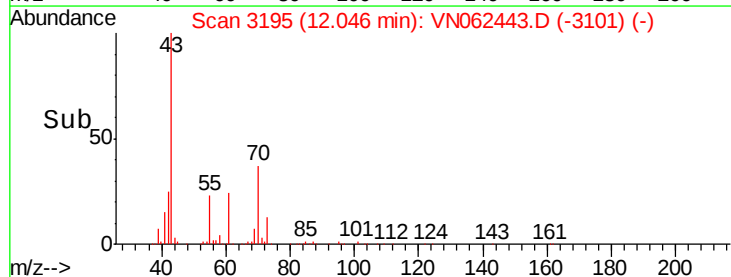
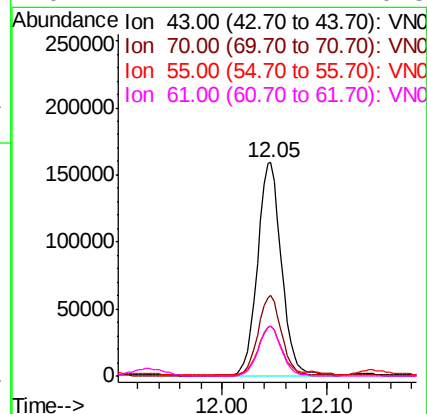
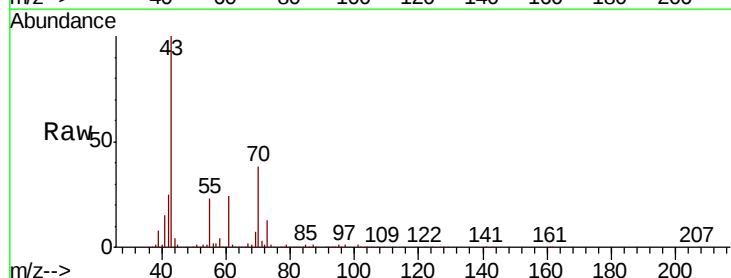
Ion Ratio Lower Upper

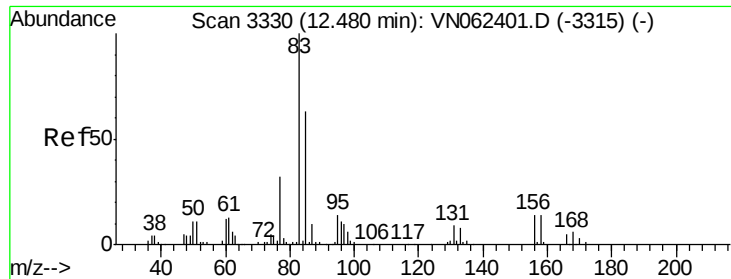
43 100

70 37.0 30.0 45.0

55 22.5 18.2 27.4

61 22.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.890 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

MW-14MS

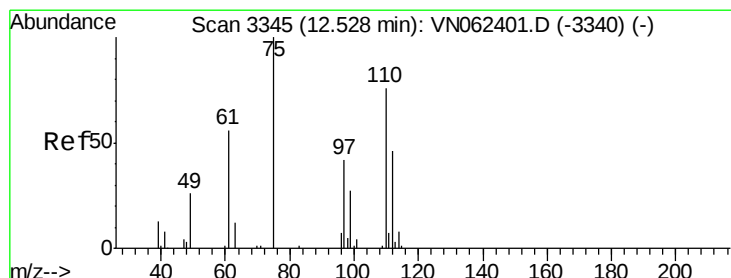
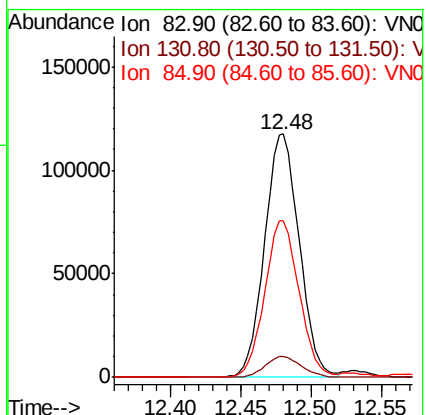
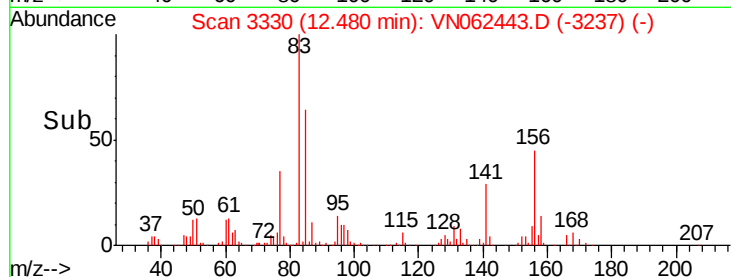
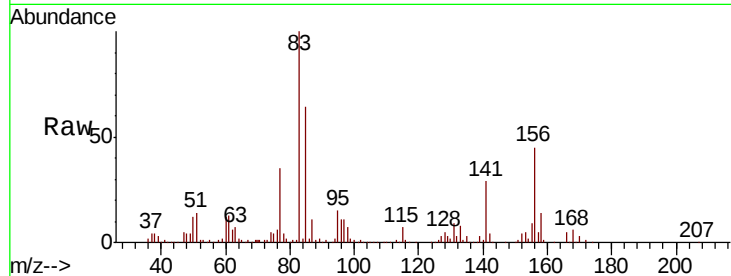
Tot Ion: 83 Resp: 201349

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

85 63.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 68.458 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062443.D

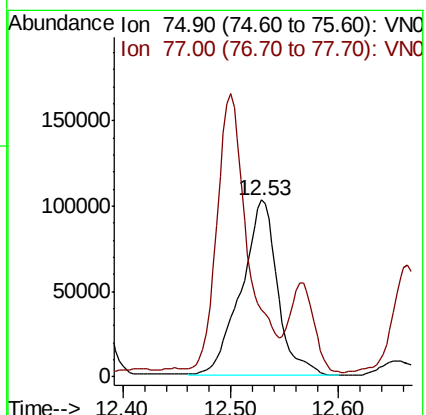
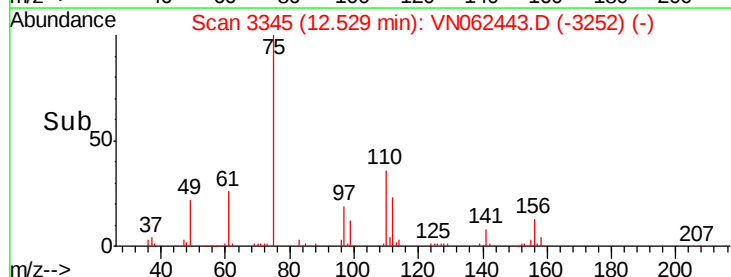
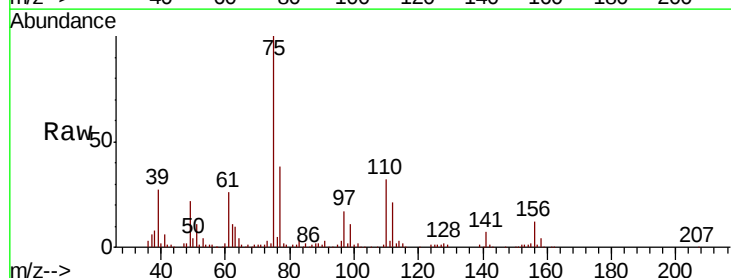
Acq: 9 Jul 2020 6:47

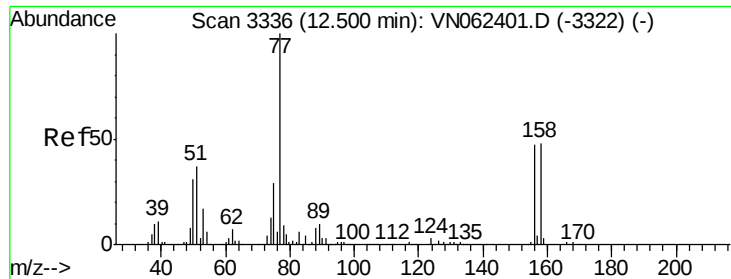
Tgt Ion: 75 Resp: 241212

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

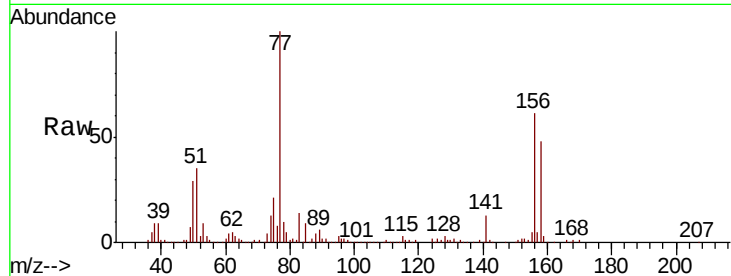




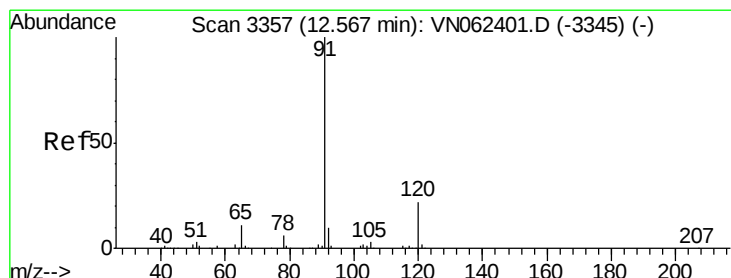
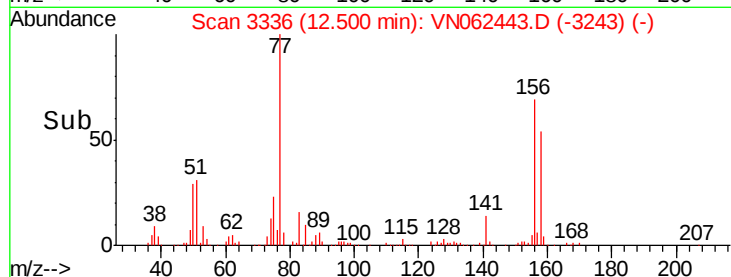
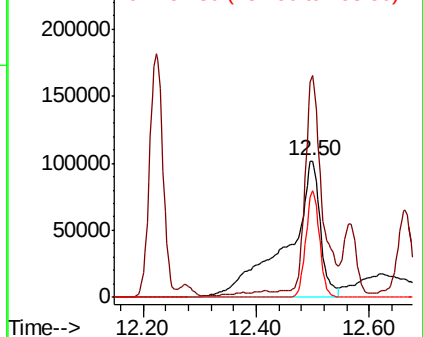
#77
Bromobenzene
Concen: 164.786 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

Tot Ion:156 Resp: 416290
Ion Ratio Lower Upper
156 100
77 76.1 126.4 379.3#
158 31.6 49.8 149.4#

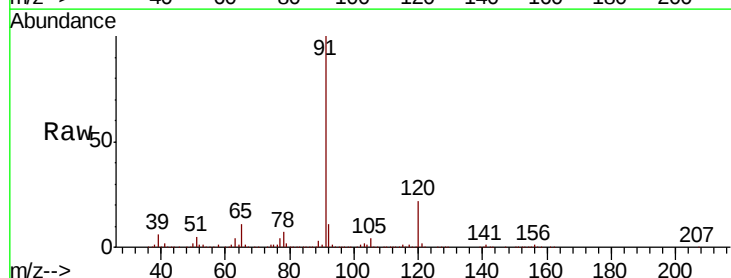


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

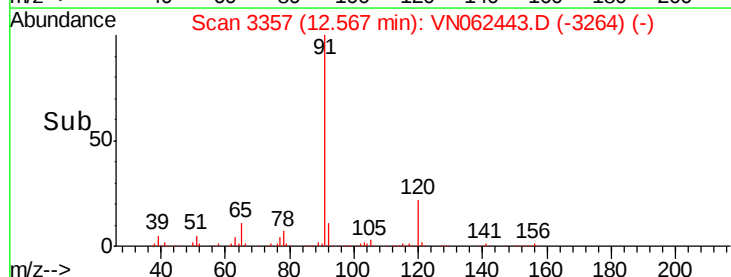
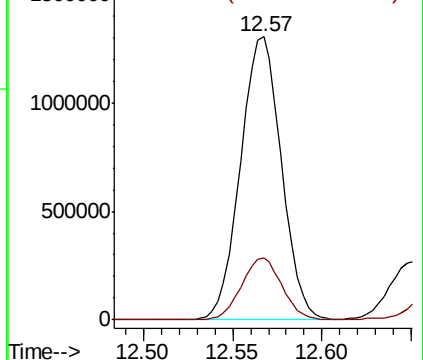


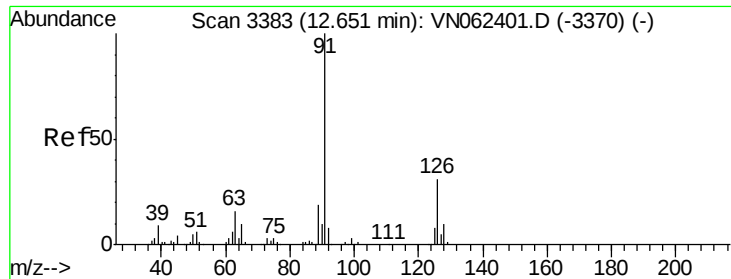
#78
n-propylbenzene
Concen: 160.498 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion: 91 Resp: 2083293
Ion Ratio Lower Upper
91 100
120 21.7 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

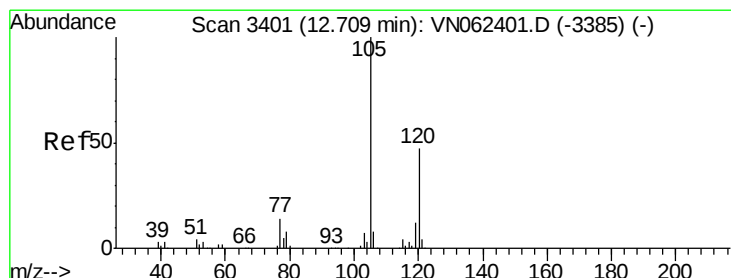
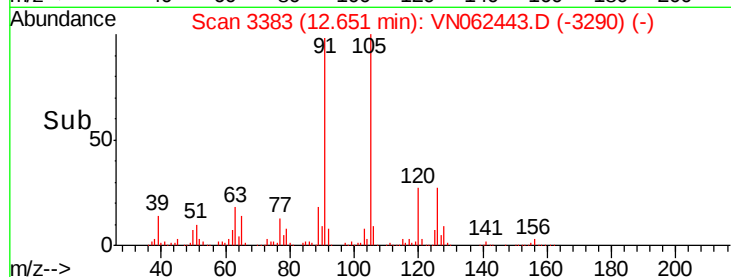
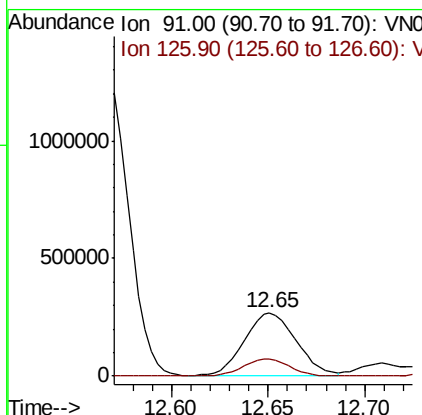
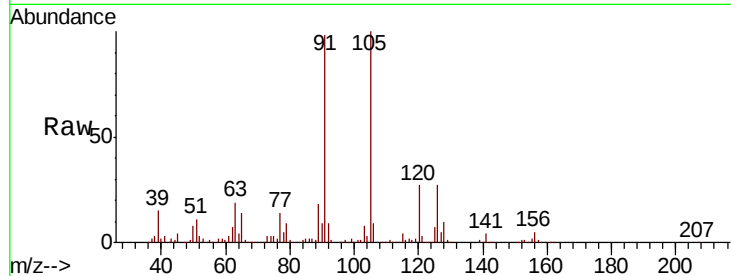




#79
 2-Chlorotoluene
 Concen: 63.049 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

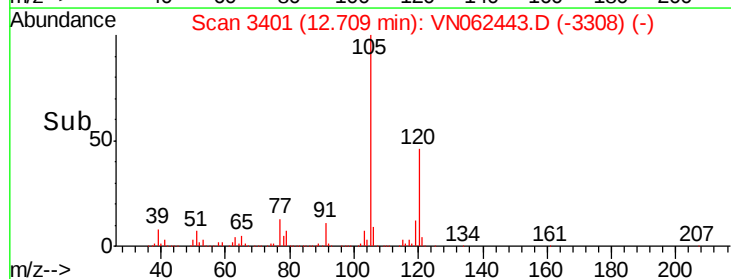
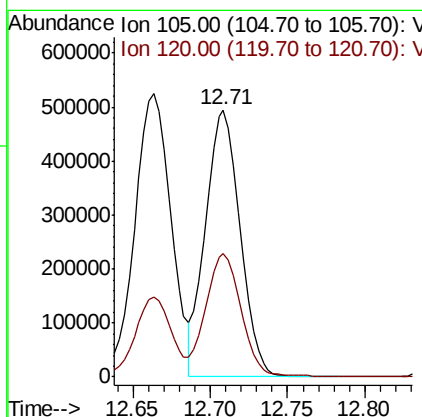
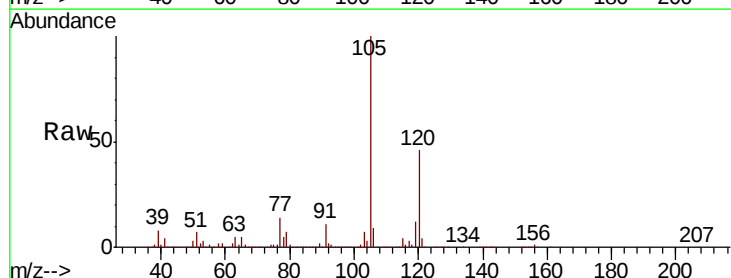
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

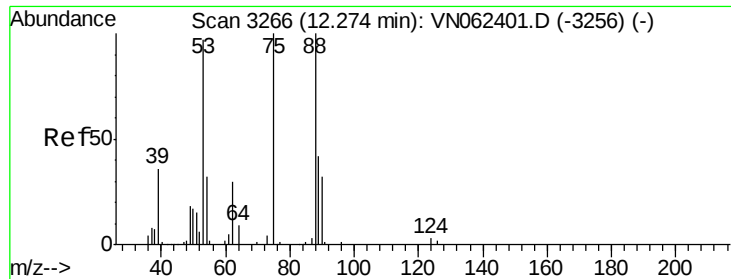
Tot Ion: 91 Resp: 496698
 Ion Ratio Lower Upper
 91 100
 126 25.3 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 84.623 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion: 105 Resp: 770871
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 28.206 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

MW-14MS

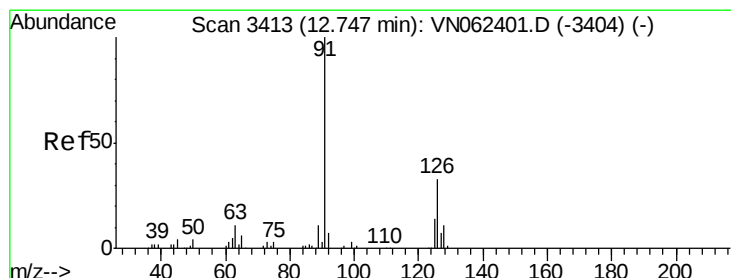
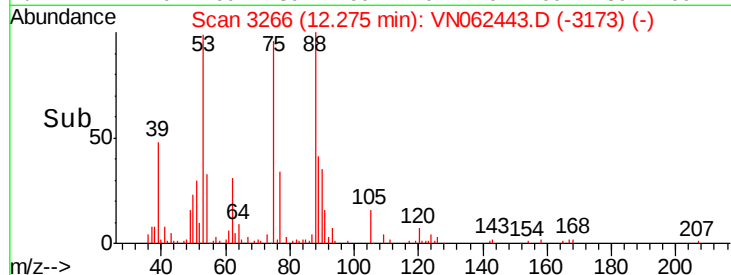
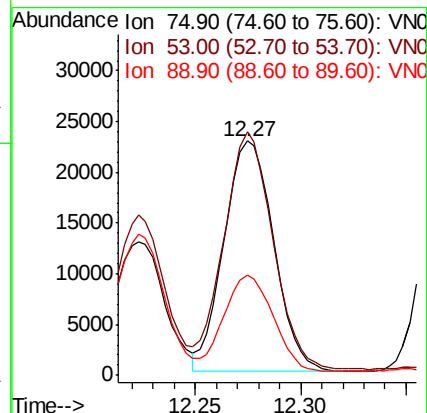
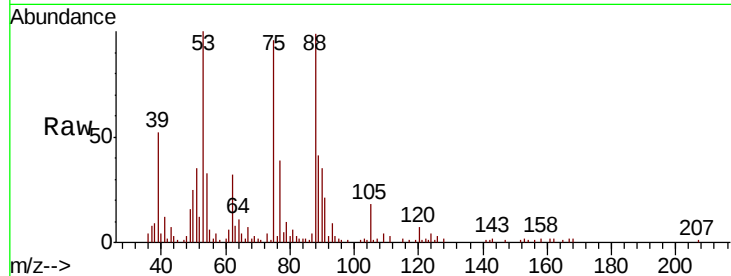
Tot Ion: 75 Resp: 37131

Ion Ratio Lower Upper

75 100

53 102.2 79.2 118.8

89 41.9 34.6 52.0



#82

4-Chlorotoluene

Concen: 52.779 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062443.D

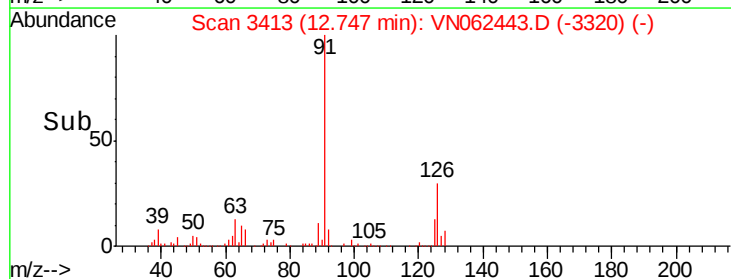
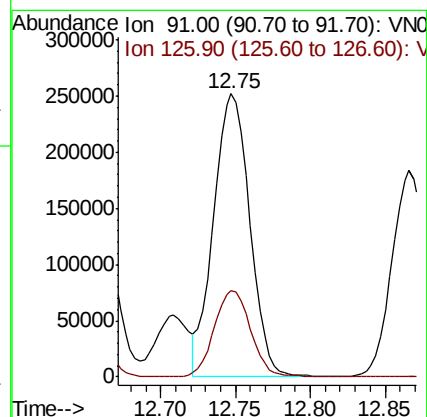
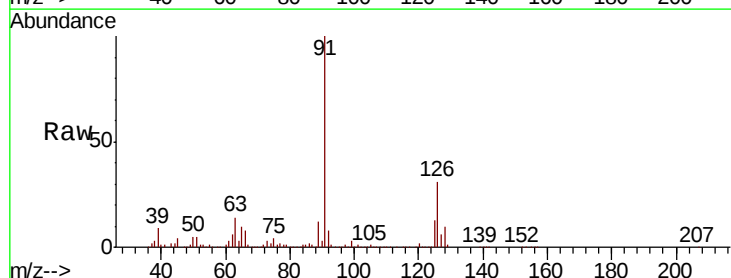
Acq: 9 Jul 2020 6:47

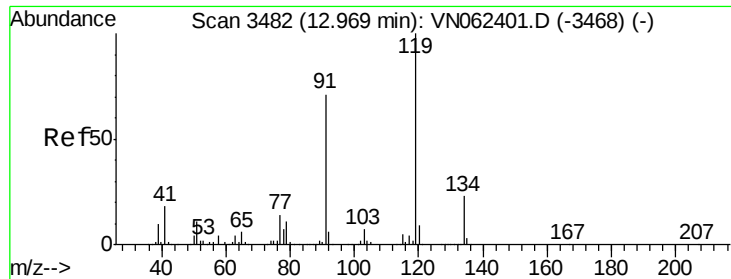
Tgt Ion: 91 Resp: 422121

Ion Ratio Lower Upper

91 100

126 31.2 15.2 45.6

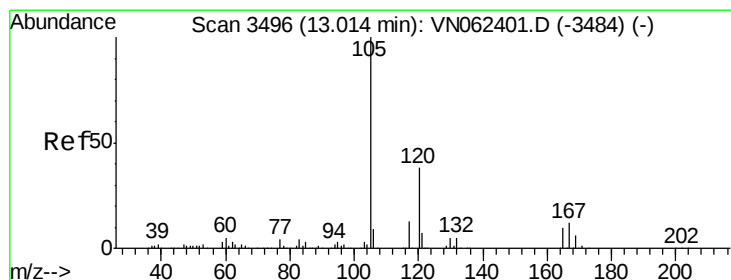
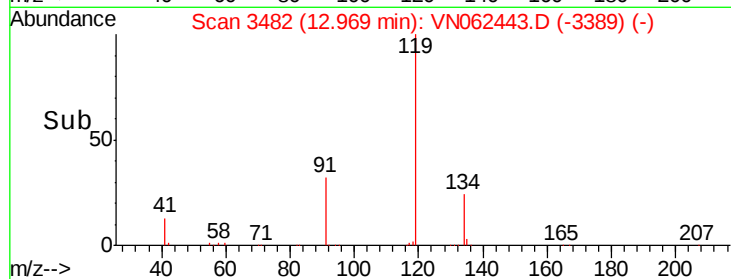
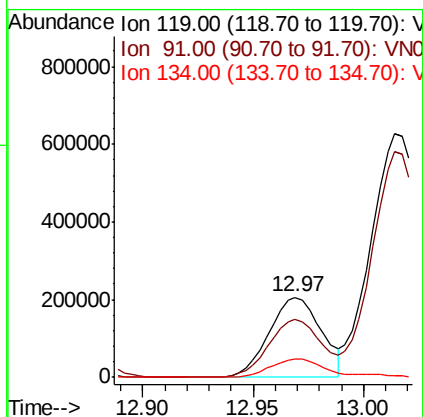
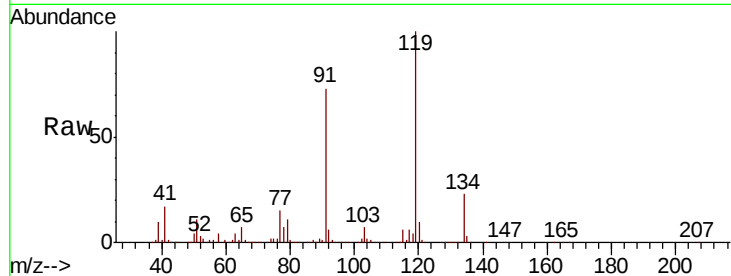




#83
tert-Butylbenzene
Concen: 43.803 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

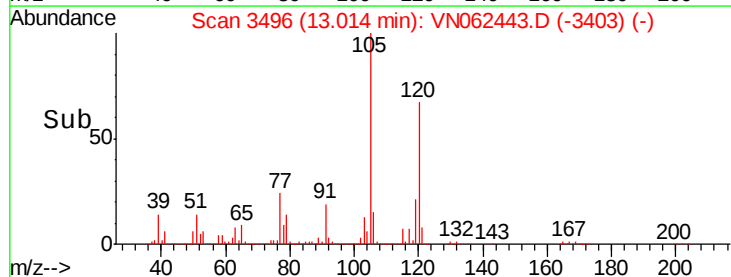
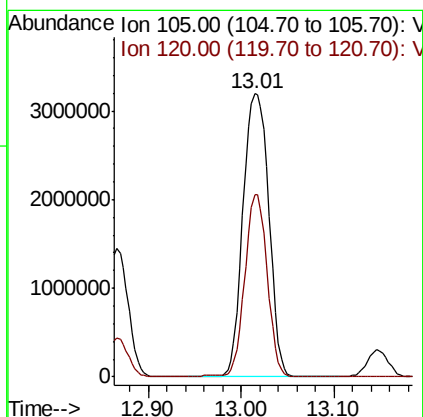
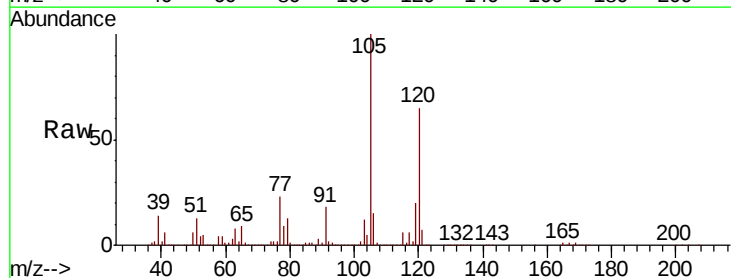
Instrument :
MSVOA_N
ClientSampled :
MW-14MS

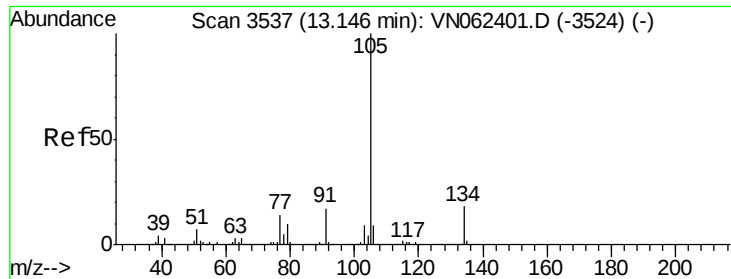
Tot Ion:119 Resp: 338620
Ion Ratio Lower Upper
119 100
91 73.1 34.8 104.3
134 23.4 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 678.849 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion:105 Resp: 6146750
Ion Ratio Lower Upper
105 100
120 55.9 21.6 64.8





#85

sec-Butylbenzene

Concen: 47.163 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

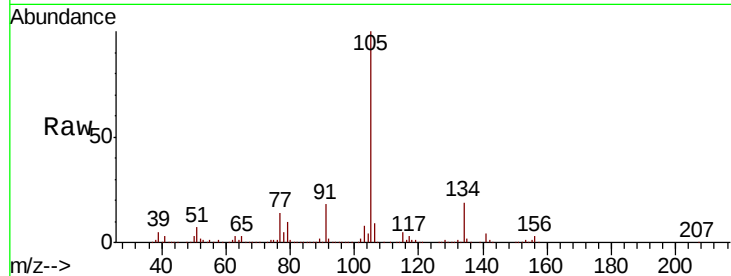
MW-14MS

Tot Ion:105 Resp: 483127

Ion Ratio Lower Upper

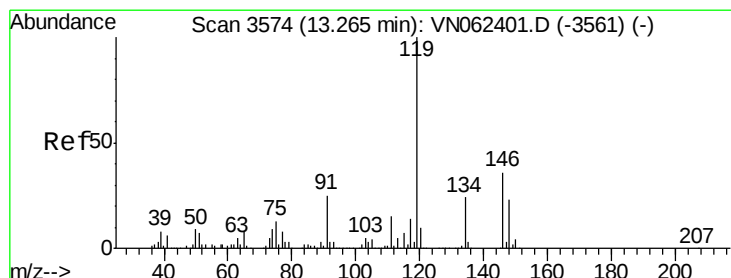
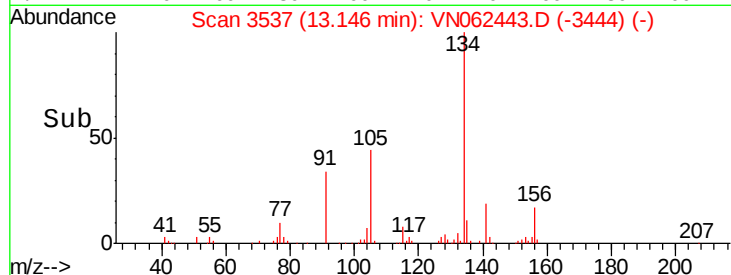
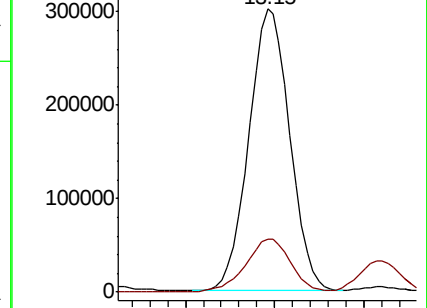
105 100

134 20.9 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 68.298 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

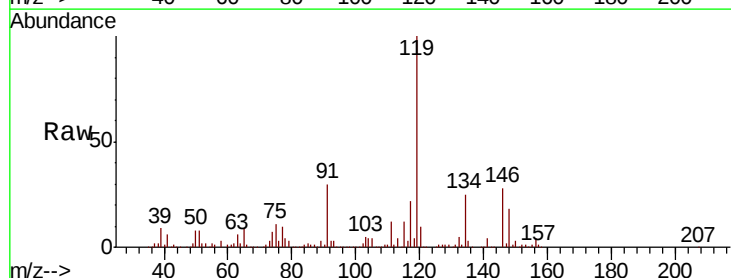
Tgt Ion:119 Resp: 603841

Ion Ratio Lower Upper

119 100

134 25.5 12.4 37.0

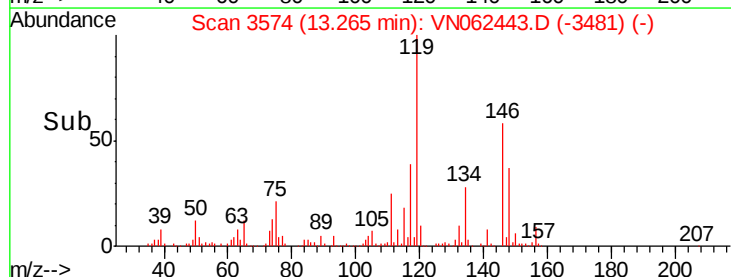
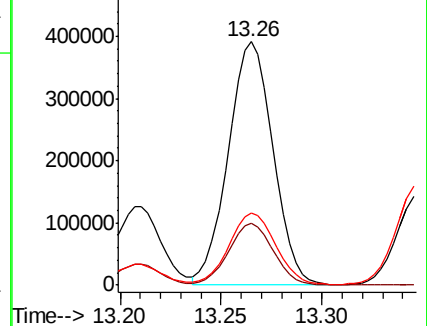
91 30.5 12.4 37.4

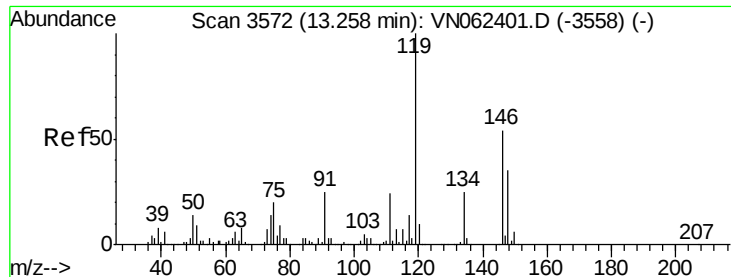


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

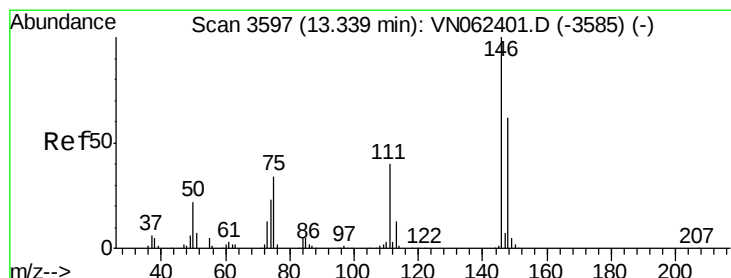
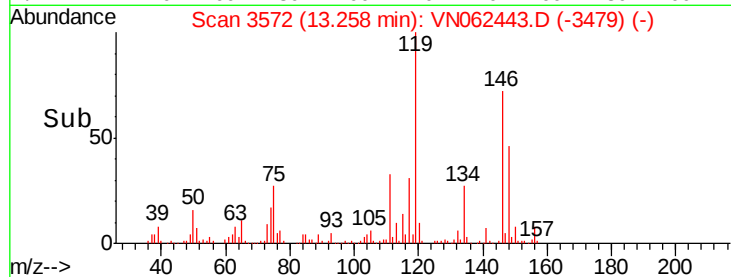
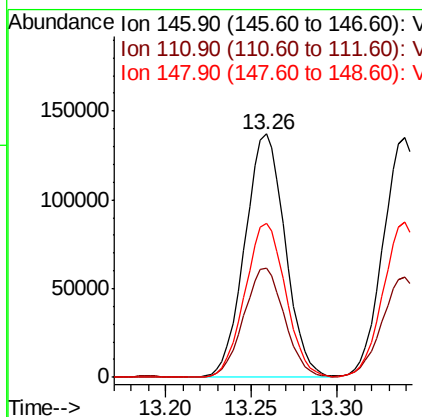
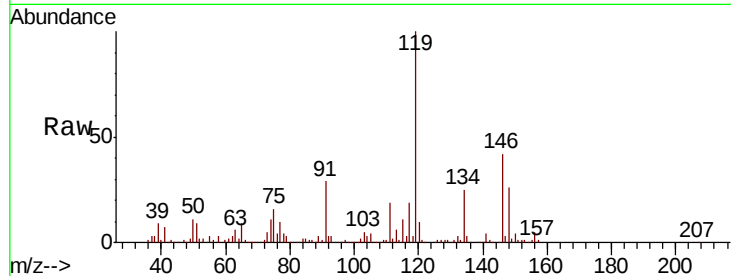




#87
 1,3-Dichlorobenzene
 Concen: 51.240 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

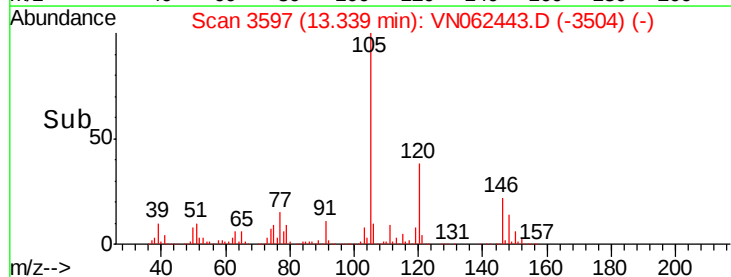
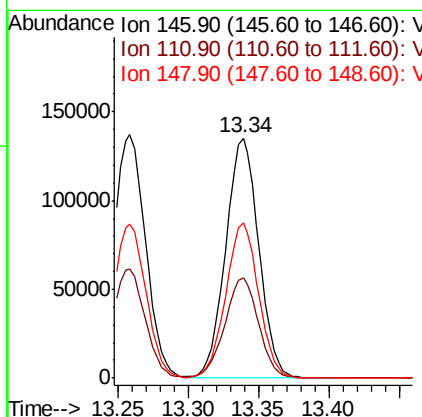
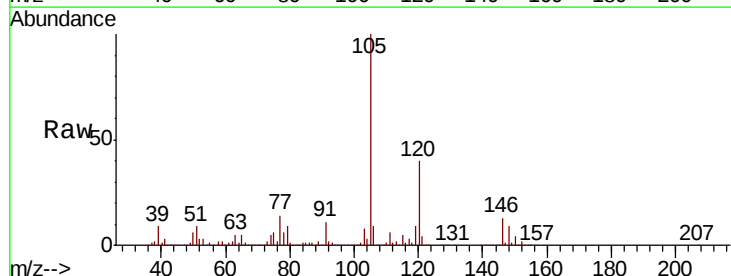
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

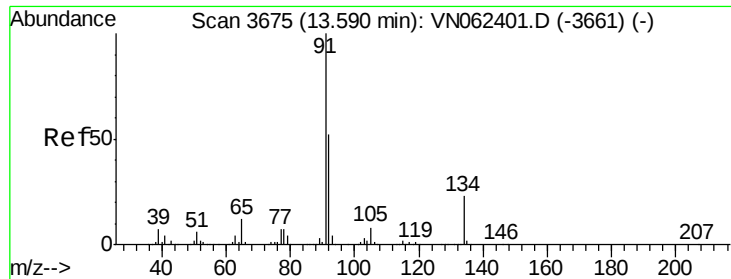
Tot Ion:146 Resp: 223312
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.6 64.6
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.204 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion:146 Resp: 220648
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 64.6 31.4 94.2





#89

n-Butylbenzene

Concen: 64.926 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062443.D

Acq: 9 Jul 2020 6:47

Instrument :

MSVOA_N

ClientSampleId :

MW-14MS

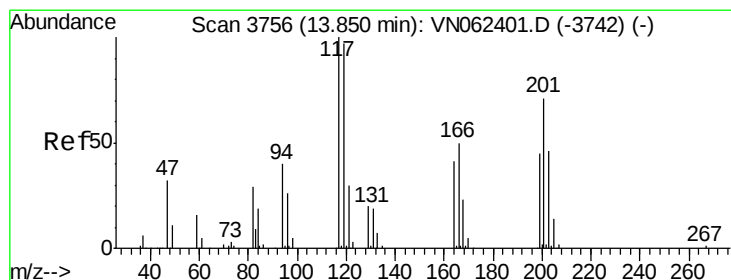
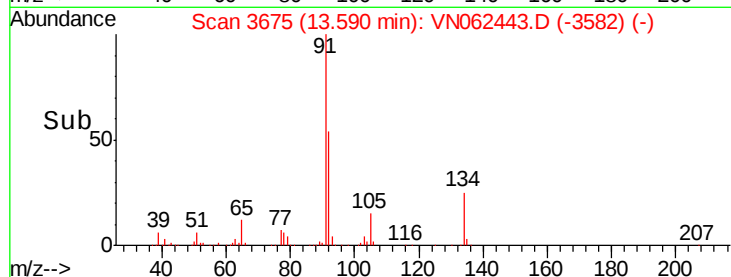
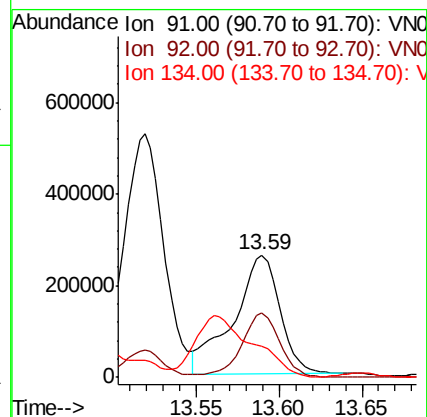
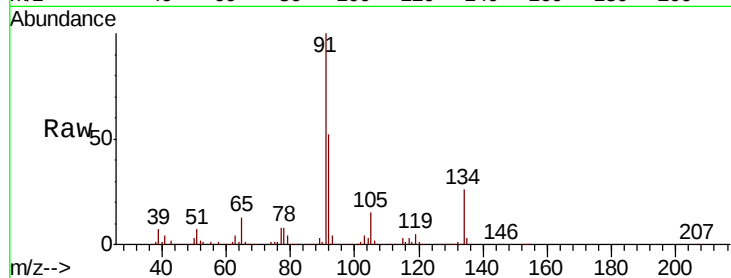
Tot Ion: 91 Resp: 506853

Ion Ratio Lower Upper

91 100

92 44.6 25.9 77.7

134 0.0 11.6 34.8#



#90

Hexachloroethane

Concen: 118.455 ug/l

RT: 13.86 min Scan# 3758

Delta R.T. 0.01 min

Lab File: VN062443.D

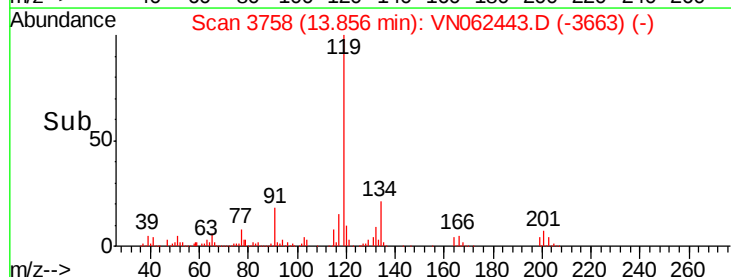
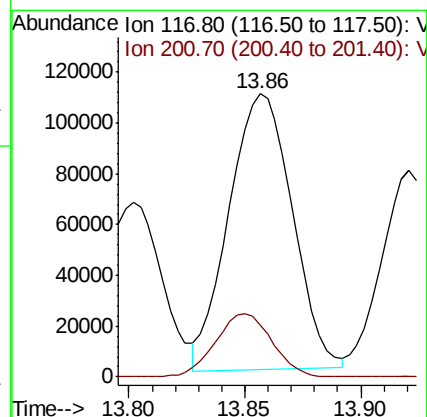
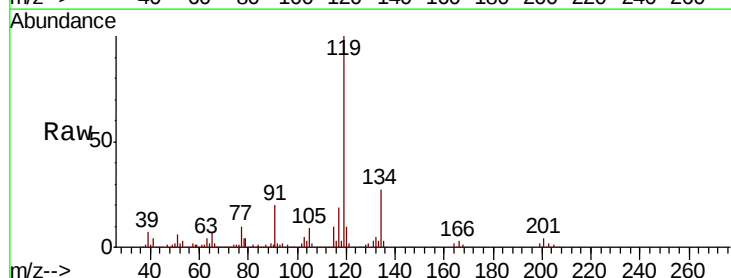
Acq: 9 Jul 2020 6:47

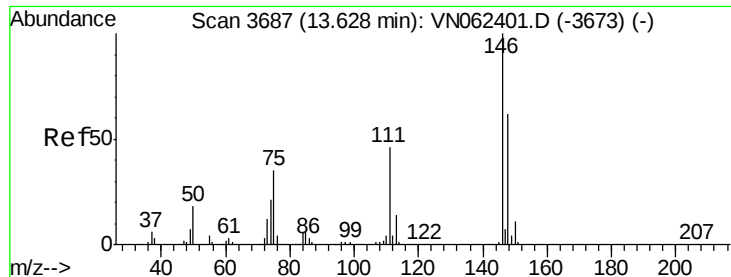
Tgt Ion: 117 Resp: 206017

Ion Ratio Lower Upper

117 100

201 20.5 35.4 106.2#

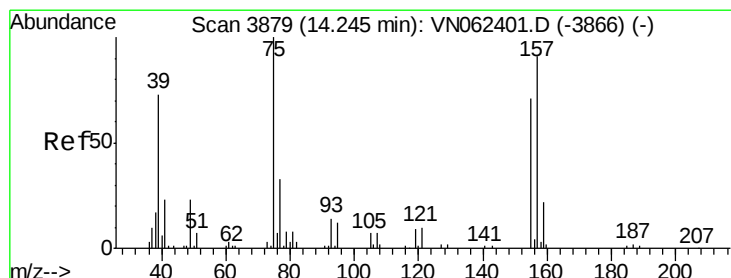
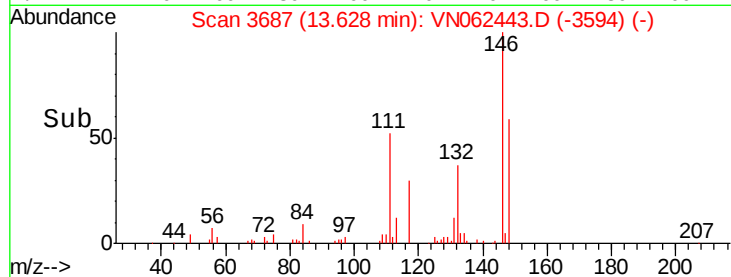
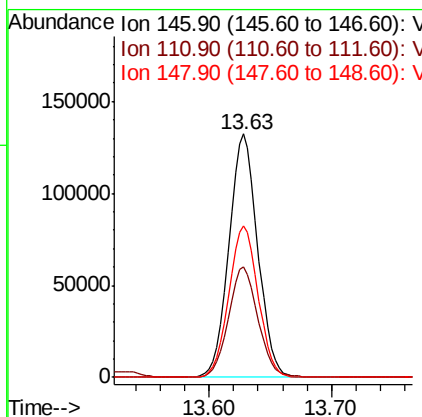
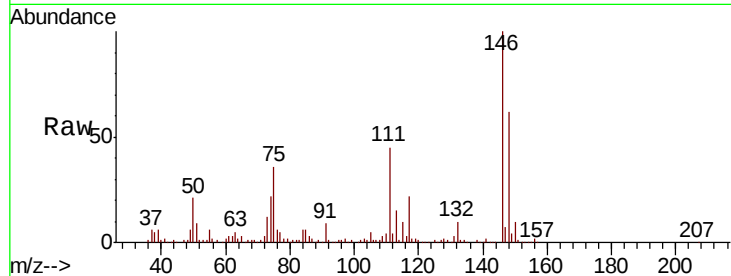




#91
 1,2-Dichlorobenzene
 Concen: 51.557 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

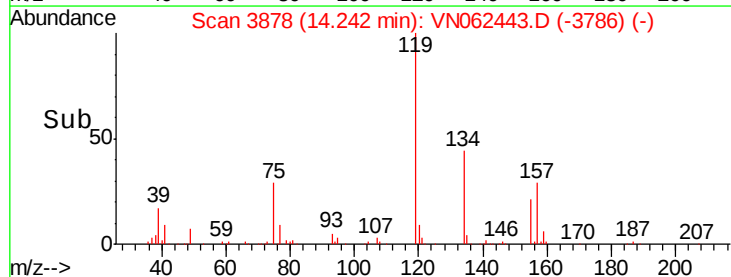
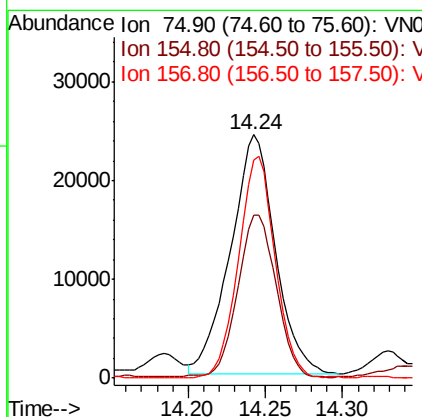
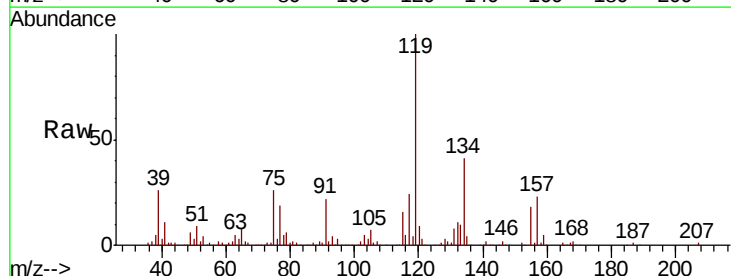
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

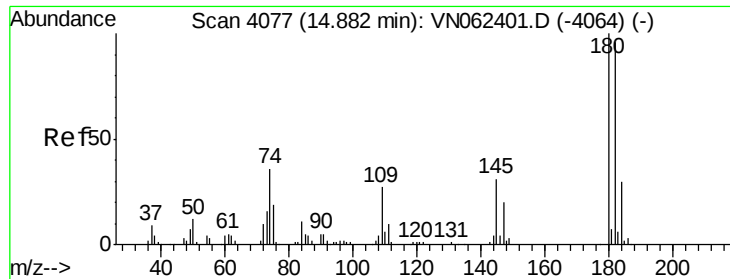
Tot Ion:146 Resp: 217247
 Ion Ratio Lower Upper
 146 100
 111 46.8 22.5 67.5
 148 63.4 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 71.679 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion: 75 Resp: 48874
 Ion Ratio Lower Upper
 75 100
 155 59.2 35.2 105.6
 157 75.7 45.8 137.3

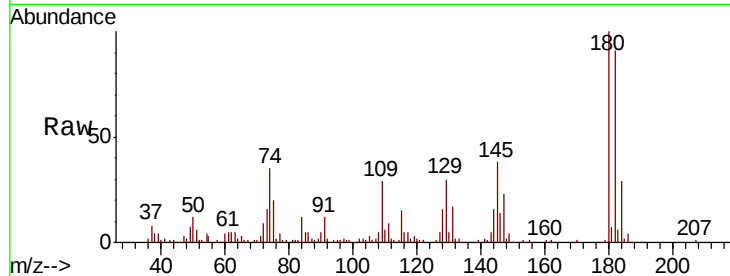




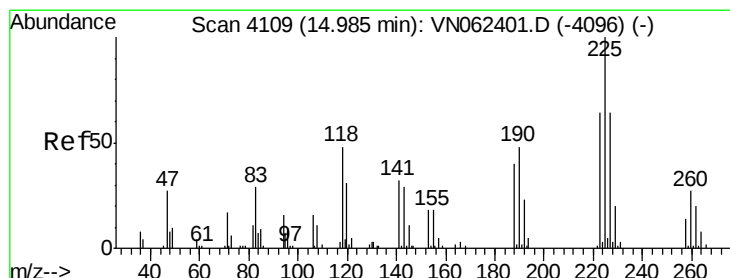
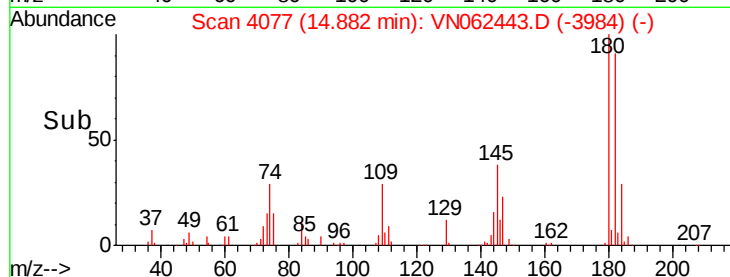
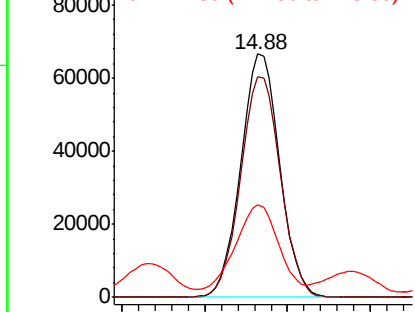
#93
 1,2,4-Trichlorobenzene
 Concen: 53.804 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14MS

Tot Ion:180 Resp: 108688
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.4 145.2
 145 41.4 15.5 46.5

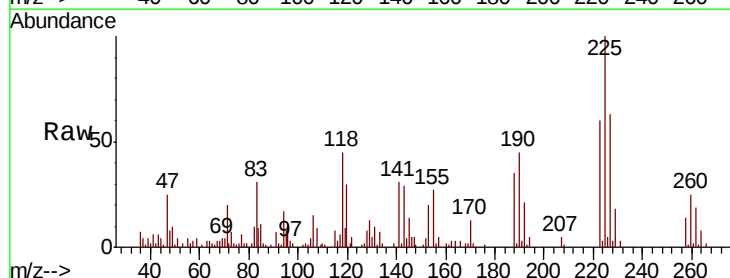


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

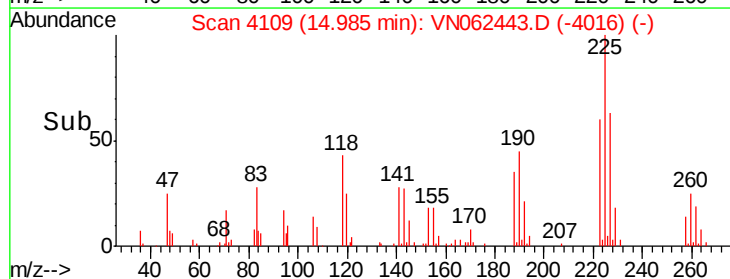
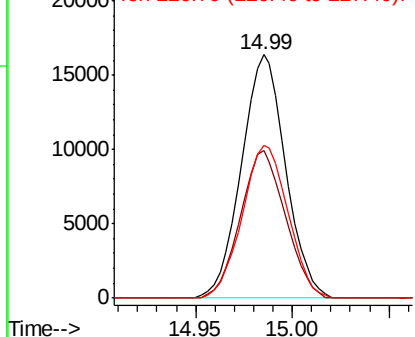


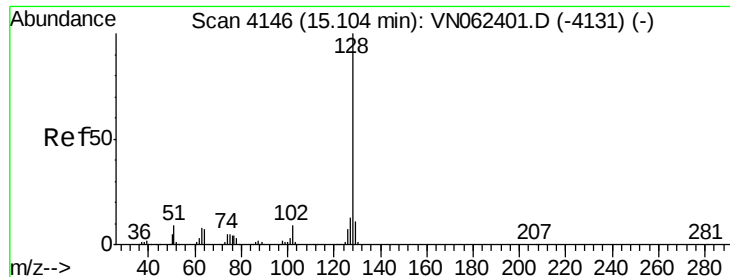
#94
 Hexachlorobutadiene
 Concen: 23.250 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062443.D
 Acq: 9 Jul 2020 6:47

Tgt Ion:225 Resp: 26012
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.3 96.8
 227 64.8 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

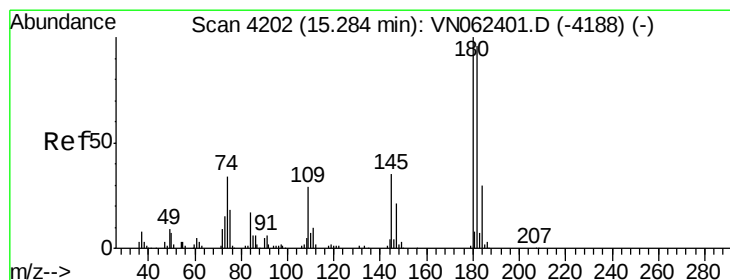
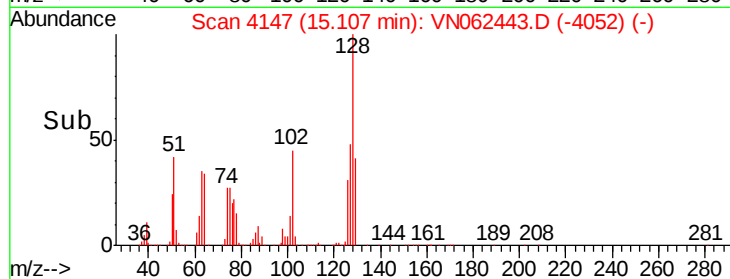
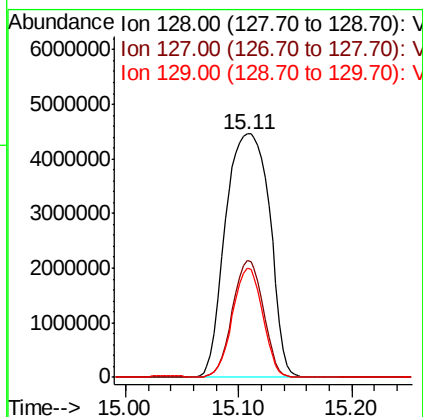
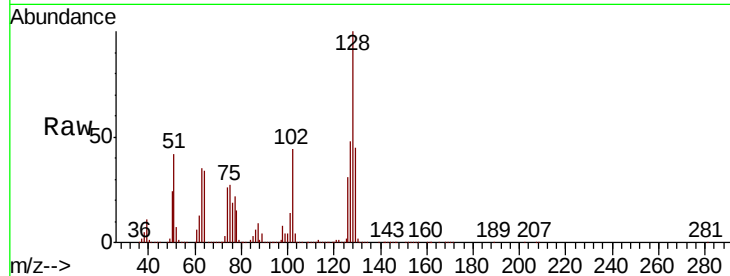




#95
Naphthalene
Concen: 719.070 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Instrument :
MSVOA_N
ClientSampleId :
MW-14MS

Tot Ion:128 Resp:12082576
Ion Ratio Lower Upper
128 100
127 33.8 10.2 15.2#
129 30.7 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 47.713 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062443.D
Acq: 9 Jul 2020 6:47

Tgt Ion:180 Resp: 107900
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 40.7 17.0 50.9

