

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060324.D
 Acq On : 3 Mar 2020 13:11
 Operator : JC/MD
 Sample : VN0303WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 04 01:12:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	327706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143702	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	123552	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	7.57	113	85729	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	
50) Toluene-d8	10.08	98	364156	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	12.40	95	133919	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	32476	17.822	ug/l	100
3) Chloromethane	2.04	50	56984	17.962	ug/l	97
4) Vinyl Chloride	2.17	62	47985	17.636	ug/l	98
5) Bromomethane	2.55	94	17234	14.006	ug/l	95
6) Chloroethane	2.69	64	26001	17.638	ug/l	95
7) Trichlorofluoromethane	3.00	101	63549	18.281	ug/l	97
8) Diethyl Ether	3.39	74	24163	18.410	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35692	18.142	ug/l	98
10) Methyl Iodide	3.93	142	32197	17.932	ug/l	97
11) Tert butyl alcohol	4.73	59	33479	88.419	ug/l	100
12) 1,1-Dichloroethene	3.72	96	36054	18.834	ug/l	94
13) Acrolein	3.58	56	30782	87.143	ug/l	100
14) Allyl chloride	4.29	41	66481	18.883	ug/l	99
15) Acrylonitrile	4.95	53	94580	94.768	ug/l	99
16) Acetone	3.78	43	78124	94.872	ug/l	98
17) Carbon Disulfide	4.03	76	92727	17.847	ug/l	100
18) Methyl Acetate	4.29	43	47143	17.155	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	132084	19.053	ug/l	99
20) Methylene Chloride	4.52	84	41417	18.314	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	38217	18.359	ug/l	97
22) Diisopropyl ether	5.92	45	138217	19.382	ug/l	96
23) Vinyl Acetate	5.86	43	542796	95.787	ug/l	99
24) 1,1-Dichloroethane	5.82	63	76008	18.829	ug/l	99
25) 2-Butanone	6.80	43	127145	95.591	ug/l	97
26) 2,2-Dichloropropane	6.80	77	68674	18.687	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	46807	17.849	ug/l	99
28) Bromochloromethane	7.17	49	29906	18.044	ug/l	99
29) Tetrahydrofuran	7.18	42	86855	93.906	ug/l	99
30) Chloroform	7.35	83	76488	19.034	ug/l	100
31) Cyclohexane	7.63	56	69334	19.304	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	68161	19.144	ug/l	100
36) 1,1-Dichloropropene	7.77	75	56102	17.963	ug/l	99
37) Ethyl Acetate	6.90	43	56169	18.993	ug/l	99
38) Carbon Tetrachloride	7.75	117	55835	18.362	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	65783	17.864	ug/l	97
40) Benzene	8.02	78	167884	18.469	ug/l	99
41) Methacrylonitrile	7.18	41	81172	59.446	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	61022	18.603	ug/l	99
43) Isopropyl Acetate	8.14	43	98834	19.090	ug/l	99
44) Trichloroethene	8.82	130	45939	18.145	ug/l	98
45) 1,2-Dichloropropane	9.10	63	46434	19.537	ug/l	100
46) Dibromomethane	9.19	93	28638	18.570	ug/l	99
47) Bromodichloromethane	9.39	83	60147	19.177	ug/l	100
48) Methyl methacrylate	9.18	41	41880	17.739	ug/l	99
49) 1,4-Dioxane	9.18	88	10487	315.870	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	279902	95.354	ug/l	99
52) Toluene	10.14	92	105558	18.486	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	69046	17.966	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	73078	18.350	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	41770	18.190	ug/l	99
56) Ethyl methacrylate	10.42	69	60660	18.387	ug/l	98
57) 1,3-Dichloropropane	10.70	76	71277	19.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	162453	94.154	ug/l	99
59) 2-Hexanone	10.74	43	198087	91.910	ug/l	100
60) Dibromochloromethane	10.89	129	44287	18.965	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41453	18.518	ug/l	97
64) Tetrachloroethene	10.62	164	48855	19.972	ug/l	98
65) Chlorobenzene	11.43	112	109188	18.145	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	42272	18.999	ug/l	99
67) Ethyl Benzene	11.51	91	203084	18.532	ug/l	99
68) m/p-Xylenes	11.62	106	150233	36.337	ug/l	99
69) o-Xylene	11.94	106	72919	18.495	ug/l	99
70) Styrene	11.96	104	115781	17.862	ug/l	99
71) Bromoform	12.12	173	29995	18.706	ug/l #	100
73) Isopropylbenzene	12.25	105	199445	18.725	ug/l	100
74) N-amyl acetate	12.07	43	83778	18.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55013	19.001	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	77963	24.728	ug/l #	100
77) Bromobenzene	12.52	156	47707	18.273	ug/l	100
78) n-propylbenzene	12.59	91	229906	18.415	ug/l	100
79) 2-Chlorotoluene	12.67	91	135766	18.499	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	166371	18.552	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	21578	18.893	ug/l #	83
82) 4-Chlorotoluene	12.77	91	138450	17.906	ug/l	99
83) tert-Butylbenzene	12.99	119	145726	18.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	165260	18.258	ug/l	98
85) sec-Butylbenzene	13.17	105	192882	18.551	ug/l	100
86) p-Isopropyltoluene	13.28	119	175553	18.243	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	84497	18.716	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	83725	18.552	ug/l	98
89) n-Butylbenzene	13.61	91	156847	17.755	ug/l	99
90) Hexachloroethane	13.87	117	23363	16.773	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82795	18.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11895	18.143	ug/l	96

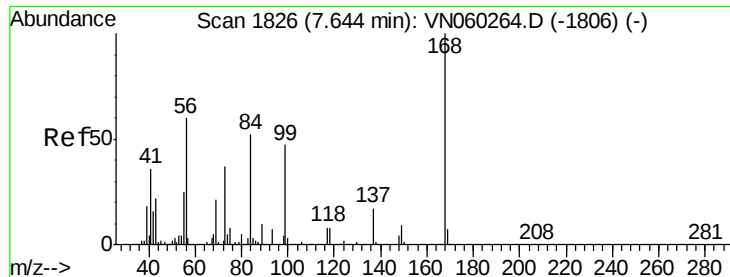
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53961	18.618	ug/l	99
94) Hexachlorobutadiene	15.01	225	26644	19.591	ug/l	99
95) Naphthalene	15.13	128	153736	17.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50974	18.505	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

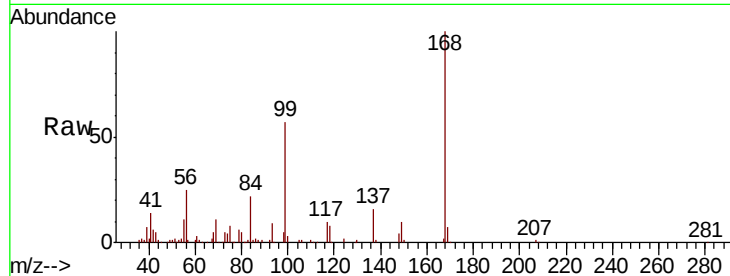
ClientSampled :

Tot Ion:168 Resp: 198749

Ion Ratio Lower Upper

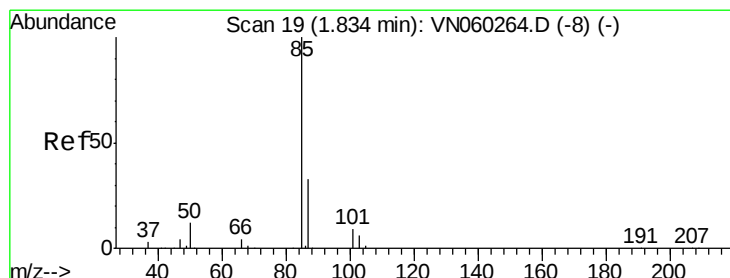
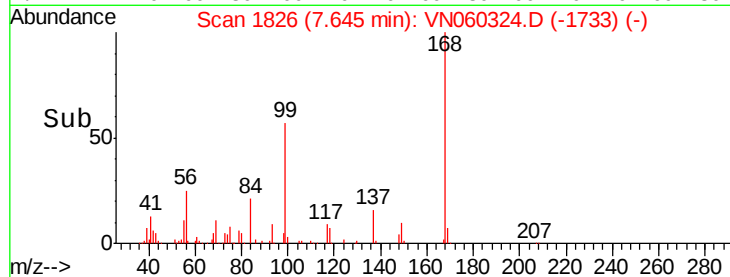
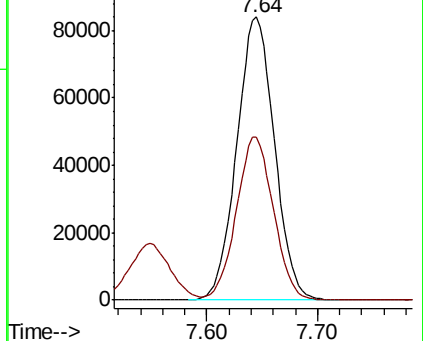
168 100

99 57.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.822 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060324.D

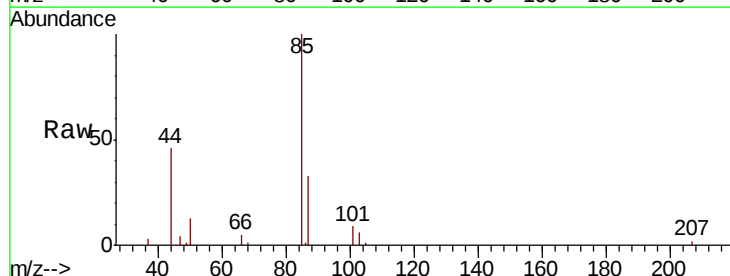
Acq: 3 Mar 2020 13:11

Tgt Ion: 85 Resp: 32476

Ion Ratio Lower Upper

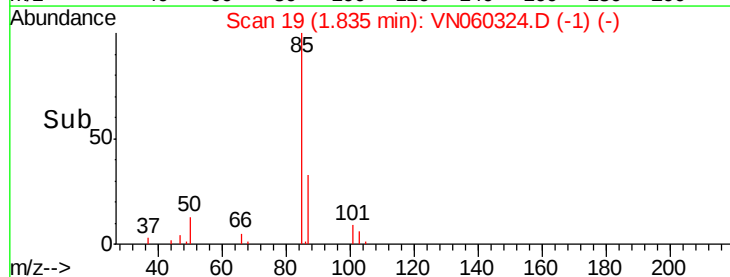
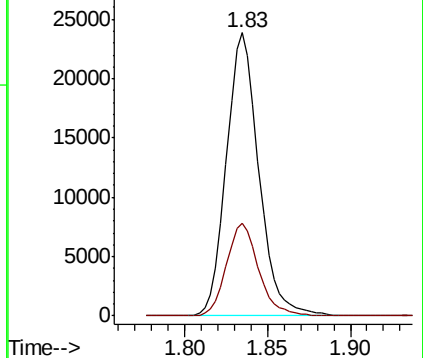
85 100

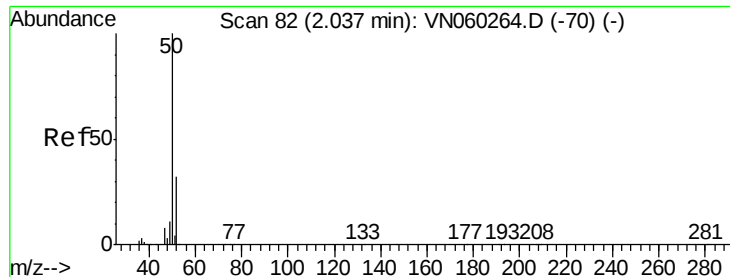
87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

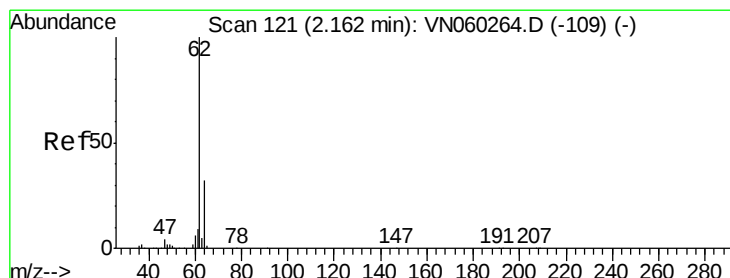
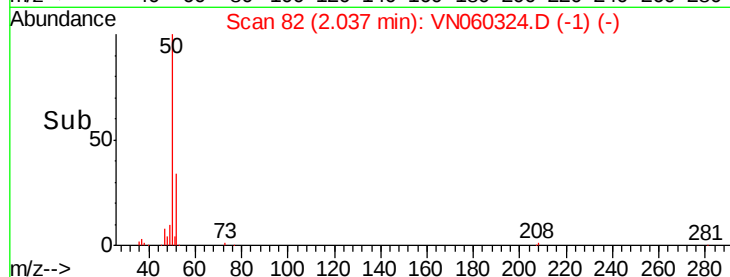
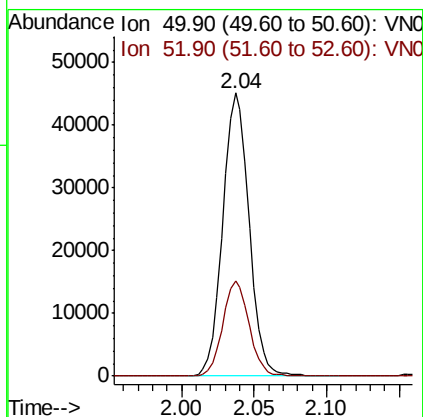
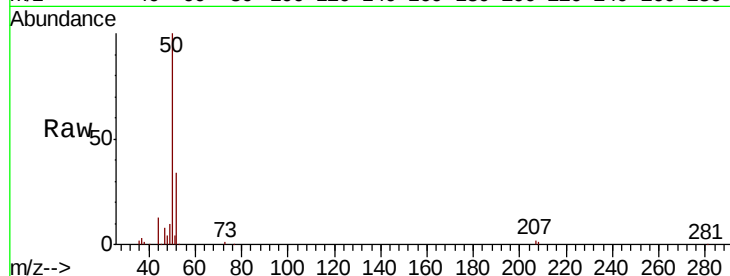




#3
Chloromethane
Concen: 17.962 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

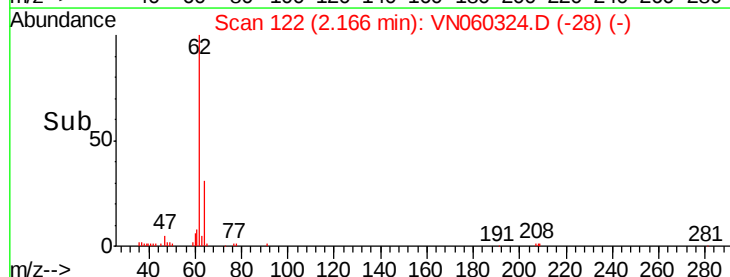
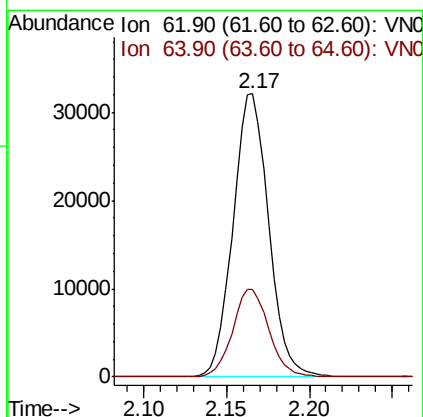
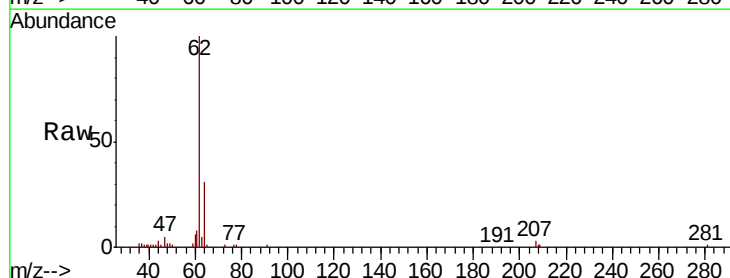
Instrument :
MSVOA_N
ClientSampleId :

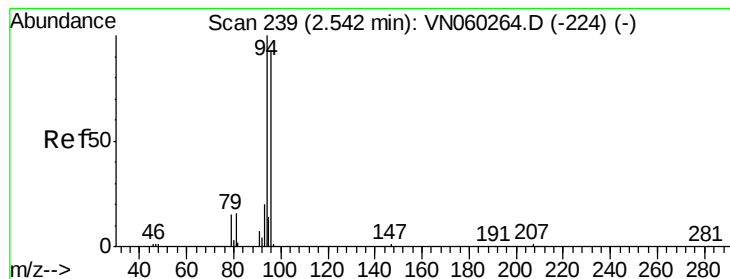
Tot Ion: 50 Resp: 56984
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4



#4
Vinyl Chloride
Concen: 17.636 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion: 62 Resp: 47985
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3





#5

Bromomethane

Concen: 14.006 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

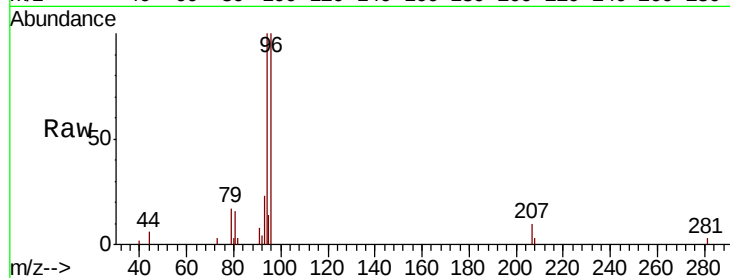
ClientSampled :

Tot Ion: 94 Resp: 17234

Ion Ratio Lower Upper

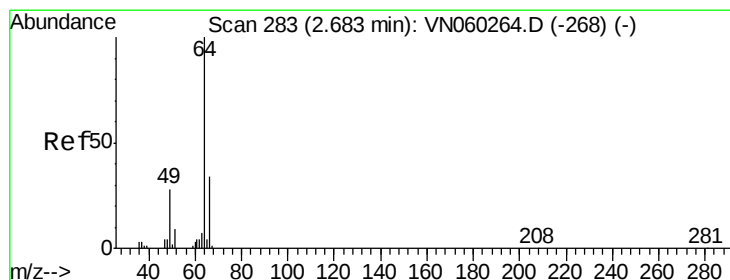
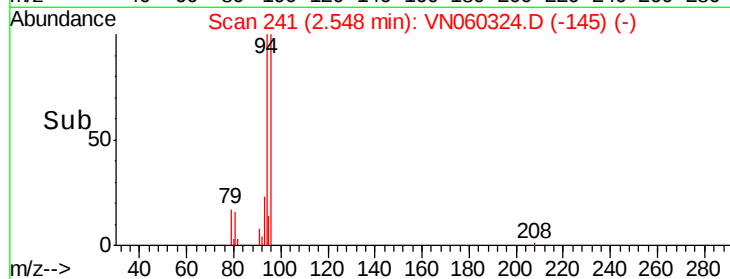
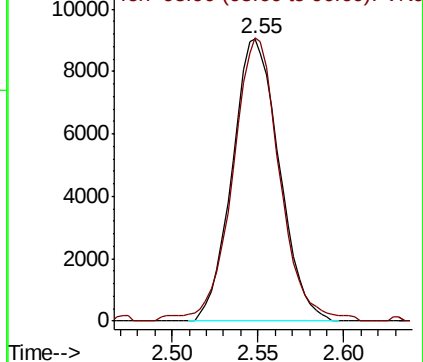
94 100

96 98.1 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.638 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060324.D

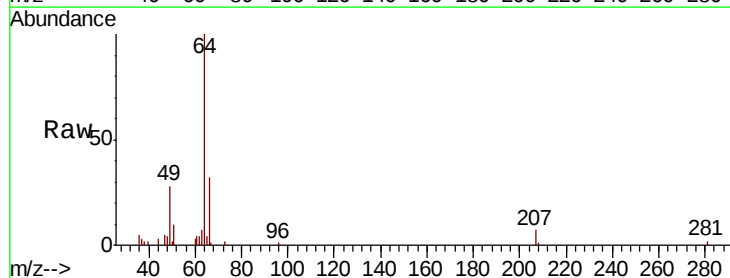
Acq: 3 Mar 2020 13:11

Tgt Ion: 64 Resp: 26001

Ion Ratio Lower Upper

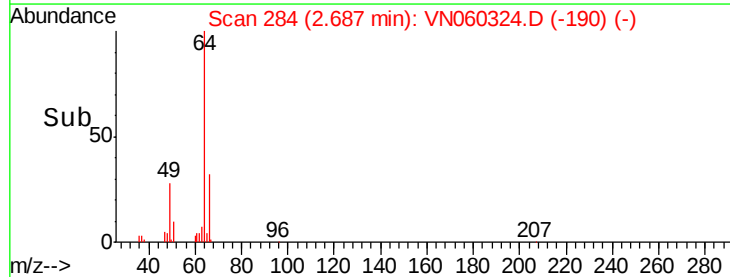
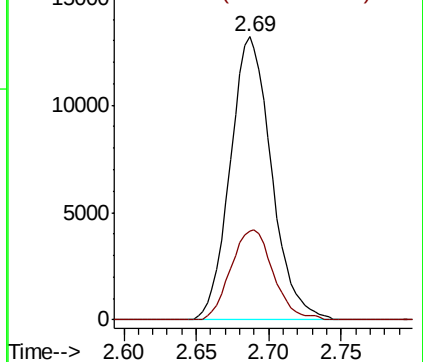
64 100

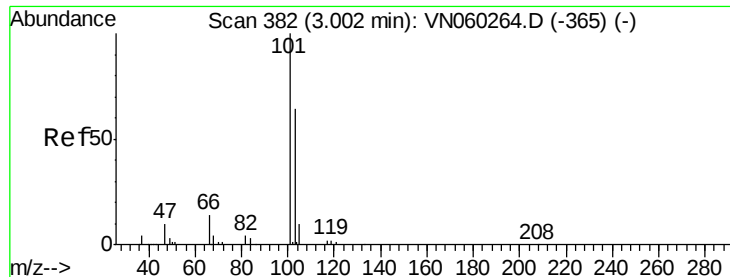
66 31.5 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



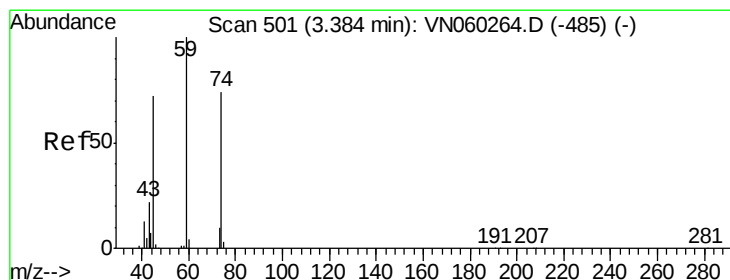
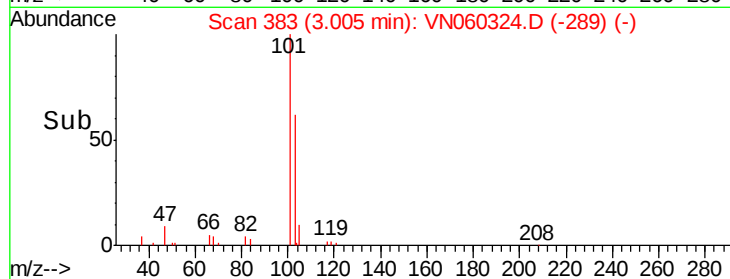
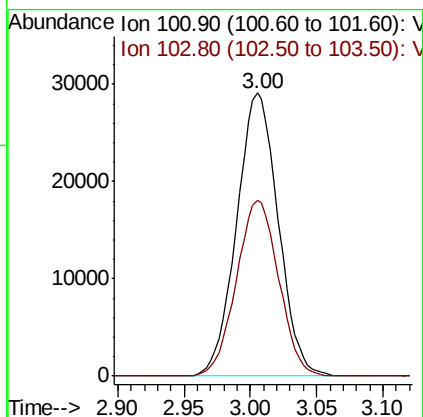
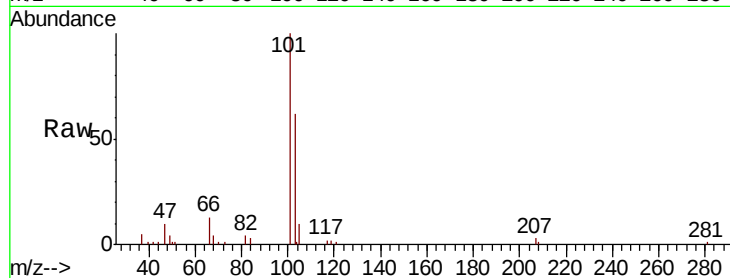


#7

Trichlorofluoromethane
 Concen: 18.281 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Instrument :
 MSVOA_N
 ClientSampleId :

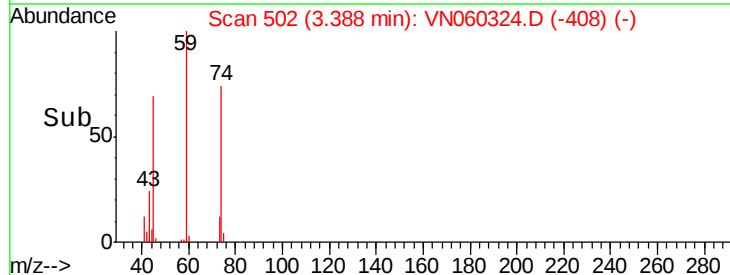
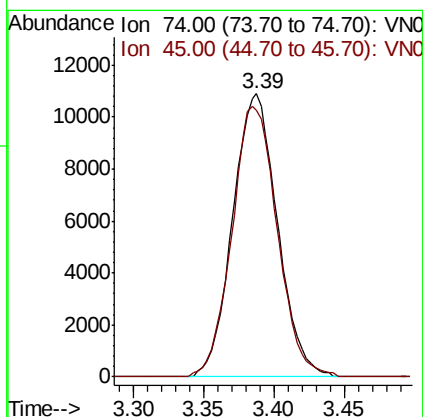
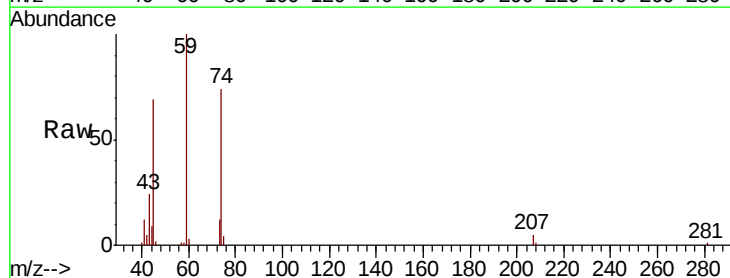
Tot Ion:101 Resp: 63549
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.3 76.9



#8

Diethyl Ether
 Concen: 18.410 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion: 74 Resp: 24163
 Ion Ratio Lower Upper
 74 100
 45 97.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.142 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

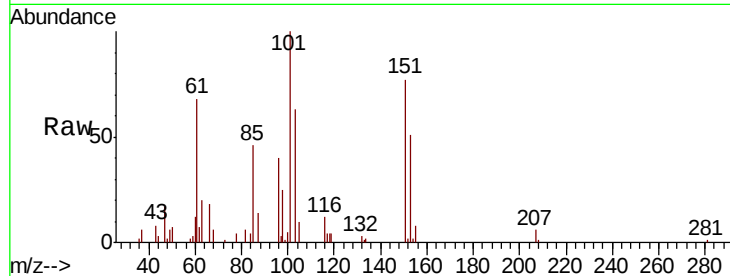
Tot Ion:101 Resp: 35692

Ion Ratio Lower Upper

101 100

85 46.6 35.4 53.2

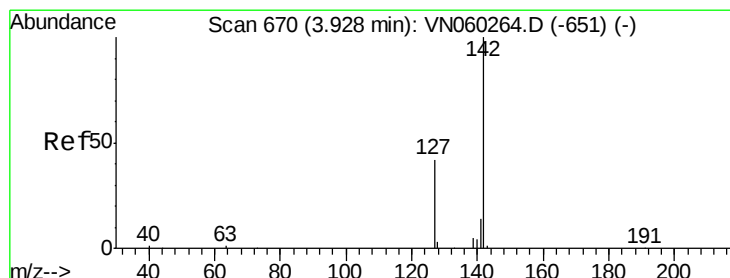
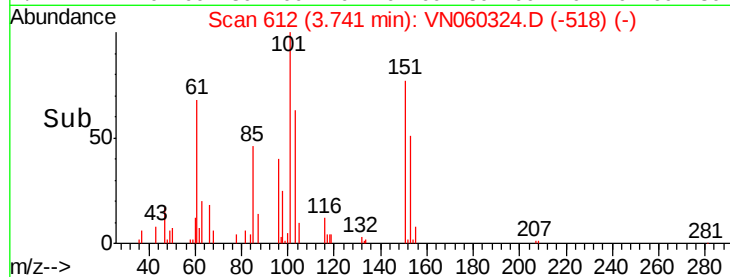
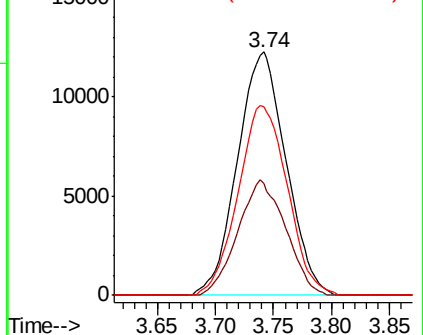
151 79.0 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.932 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

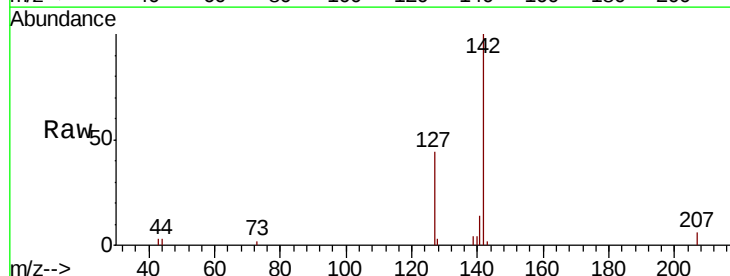
Tgt Ion:142 Resp: 32197

Ion Ratio Lower Upper

142 100

127 44.5 33.8 50.6

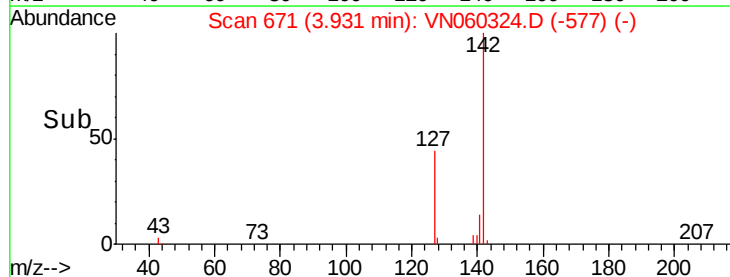
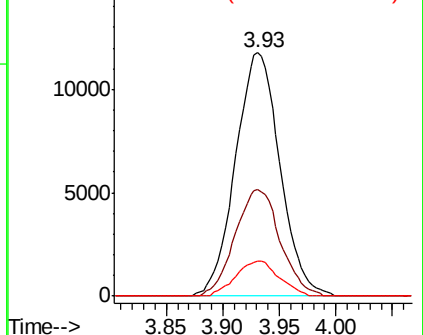
141 14.0 11.1 16.7



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

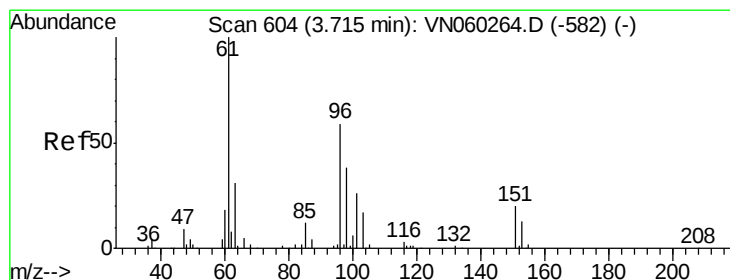
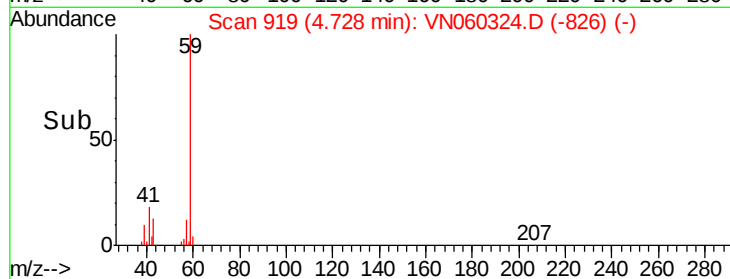
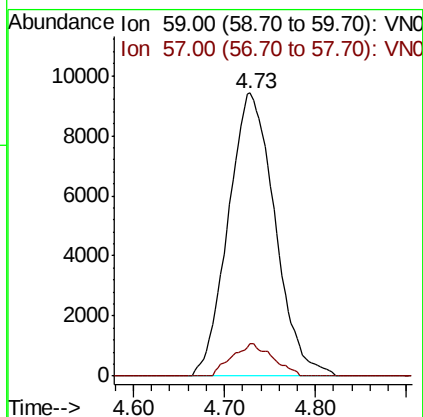
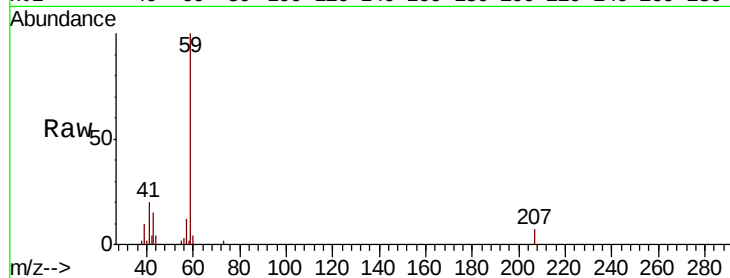




#11
Tert butyl alcohol
Concen: 88.419 ug/l
RT: 4.73 min Scan# 919
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

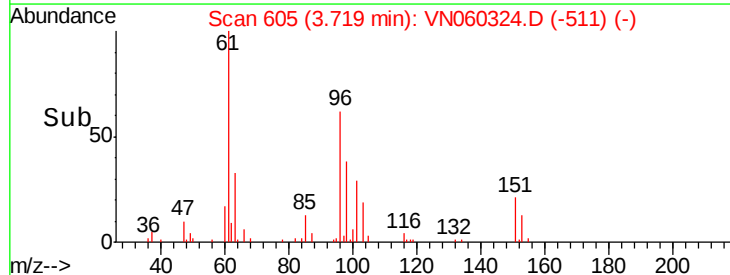
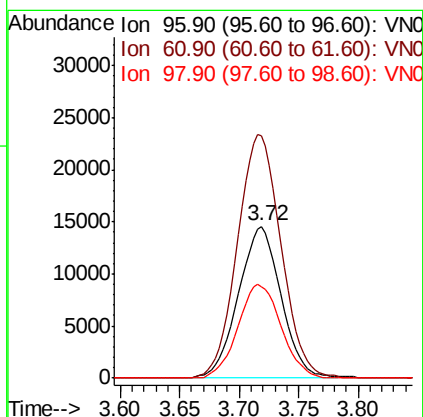
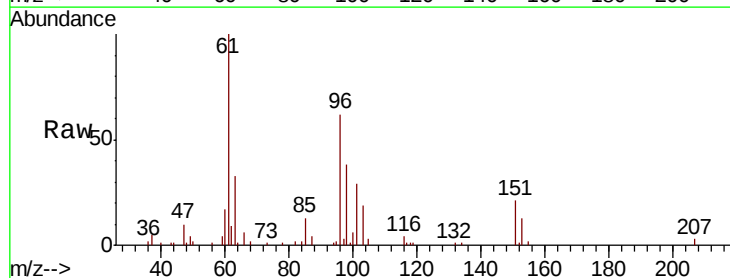
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 33479
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.834 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion: 96 Resp: 36054
Ion Ratio Lower Upper
96 100
61 160.1 135.4 203.0
98 60.6 51.6 77.4





#13

Acrolein

Concen: 87.143 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

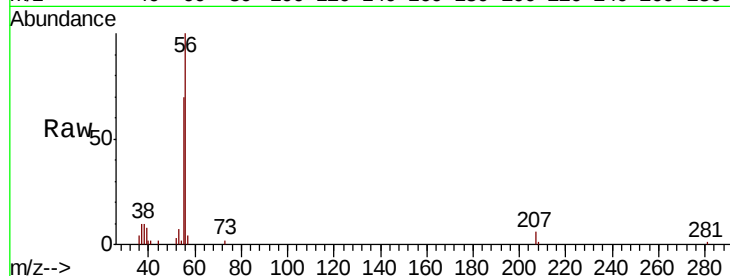
ClientSampleId :

Tot Ion: 56 Resp: 30782

Ion Ratio Lower Upper

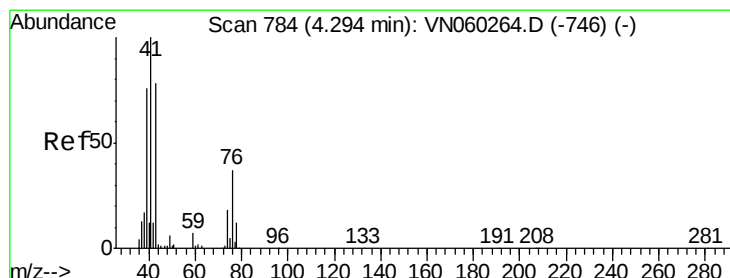
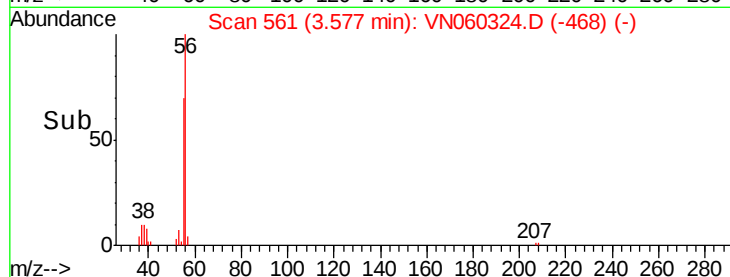
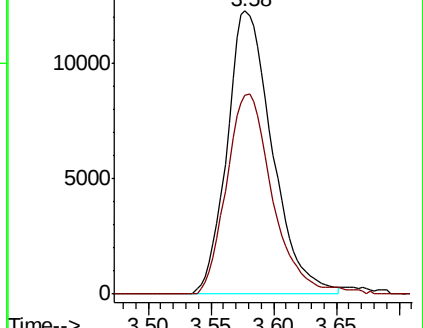
56 100

55 71.9 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN060324.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060324.D (-545) (-)



#14

Allyl chloride

Concen: 18.883 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

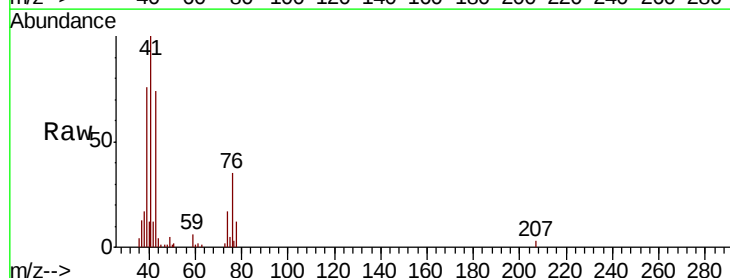
Tgt Ion: 41 Resp: 66481

Ion Ratio Lower Upper

41 100

39 70.6 55.4 83.2

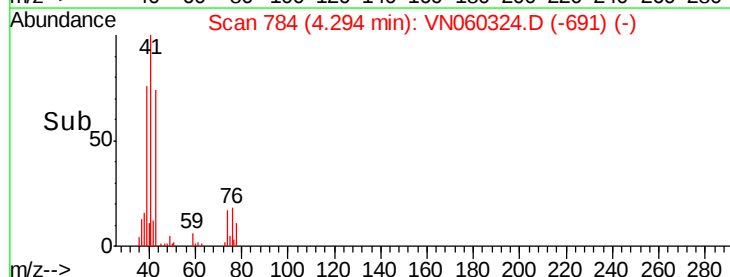
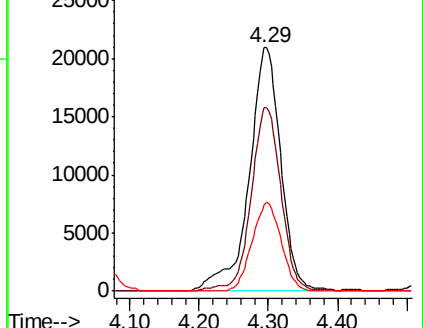
76 33.2 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN060324.D (-746) (-)

Ion 39.00 (38.70 to 39.70): VN060324.D (-746) (-)

Ion 75.90 (75.60 to 76.60): VN060324.D (-746) (-)





#15

Acrylonitrile

Concen: 94.768 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

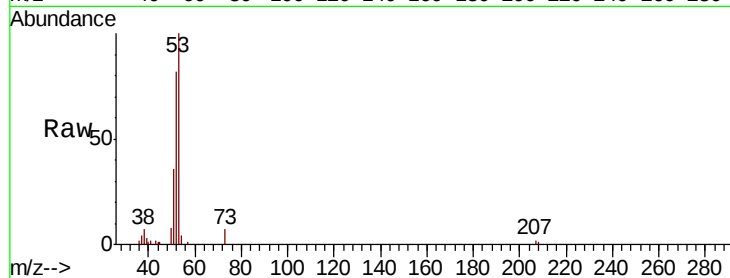
Tot Ion: 53 Resp: 94580

Ion Ratio Lower Upper

53 100

52 82.6 66.8 100.2

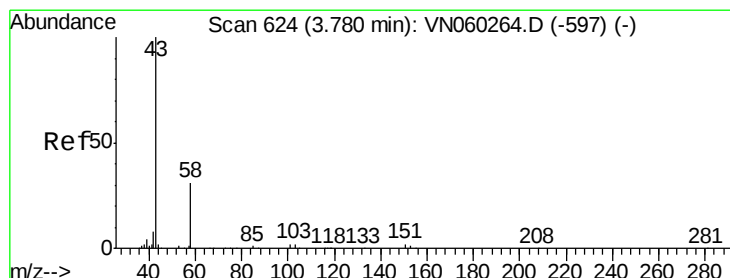
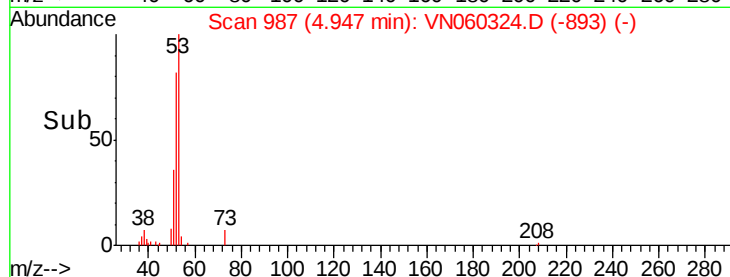
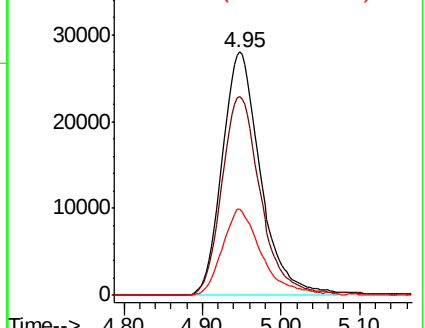
51 36.1 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN060324.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060324.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060324.D (-964) (-)



#16

Acetone

Concen: 94.872 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060324.D

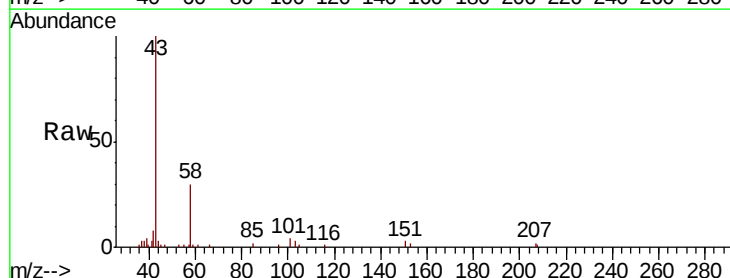
Acq: 3 Mar 2020 13:11

Tgt Ion: 43 Resp: 78124

Ion Ratio Lower Upper

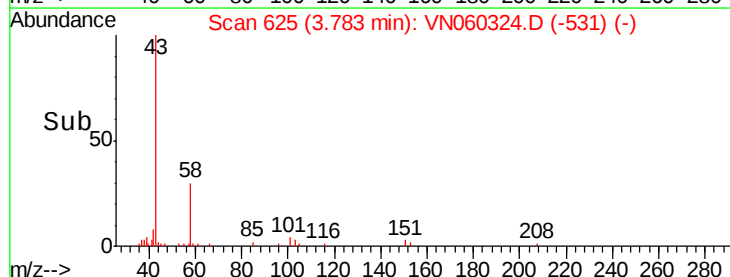
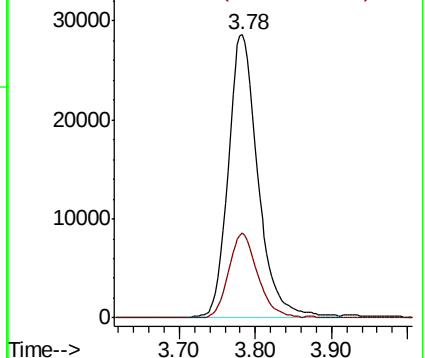
43 100

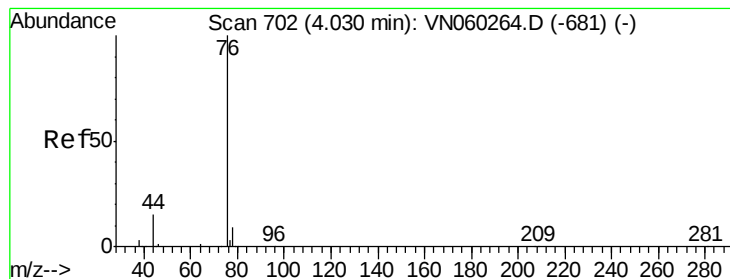
58 29.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060324.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060324.D (-597) (-)





#17

Carbon Disulfide

Concen: 17.847 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

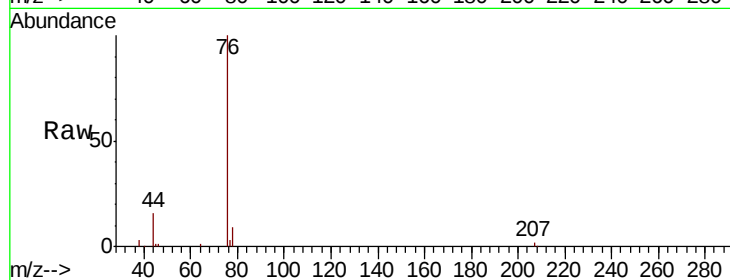
ClientSampleId :

Tot Ion: 76 Resp: 92727

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN060324.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060324.D (-681) (-)

4.03

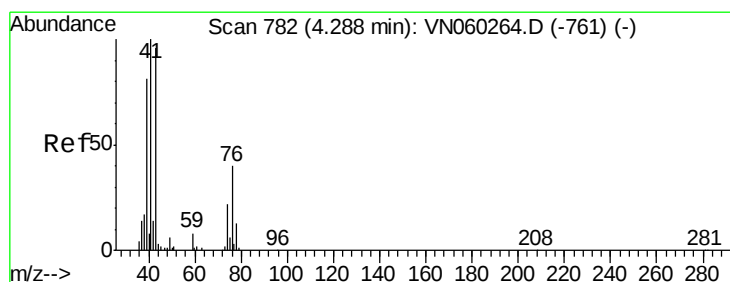
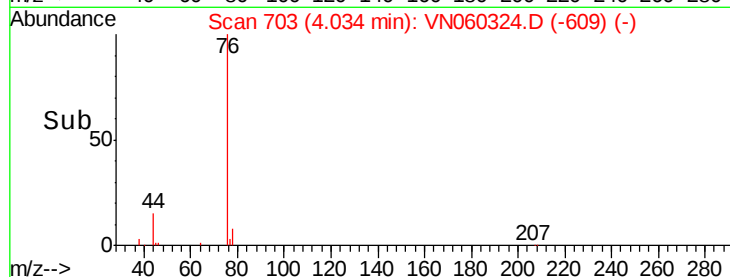
30000

20000

10000

0

Time--> 3.90 4.00 4.10



#18

Methyl Acetate

Concen: 17.155 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN060324.D

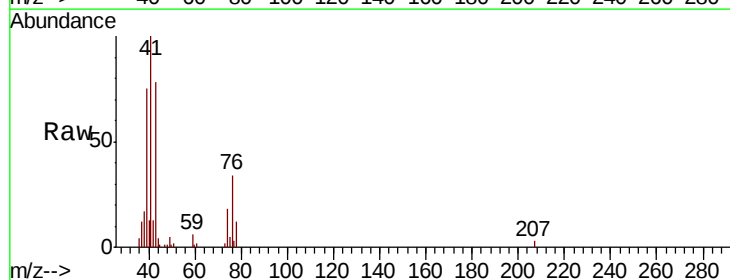
Acq: 3 Mar 2020 13:11

Tgt Ion: 43 Resp: 47143

Ion Ratio Lower Upper

43 100

74 23.1 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN060324.D (-688) (-)

Ion 74.00 (73.70 to 74.70): VN060324.D (-688) (-)

4.29

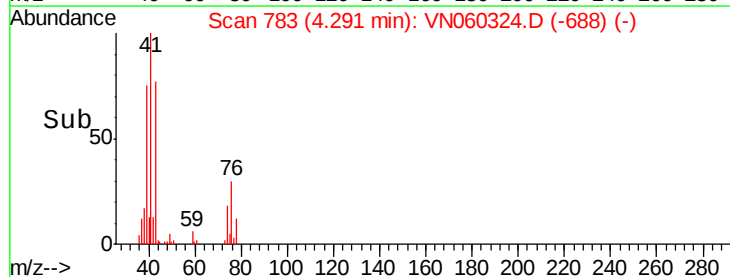
15000

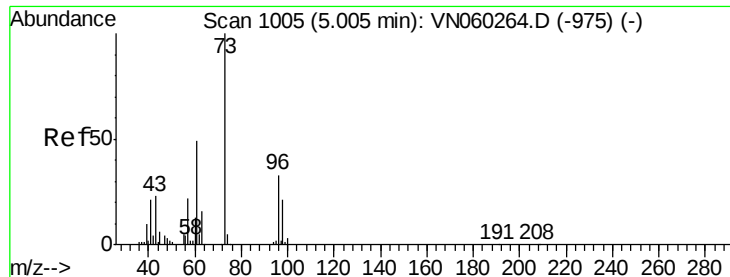
10000

5000

0

Time--> 4.20 4.30 4.40



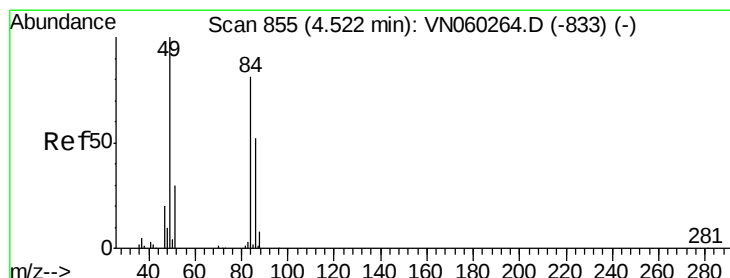
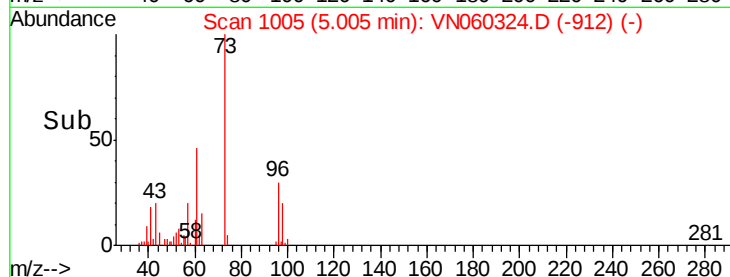
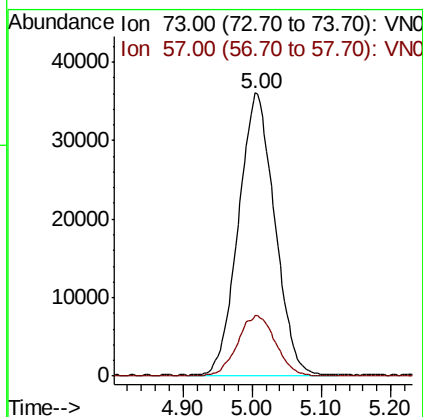
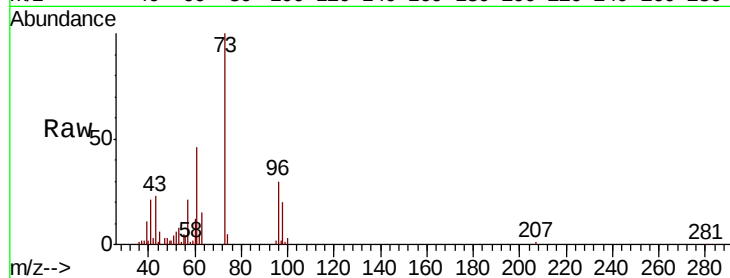


#19

Methyl tert-butyl Ether
 Concen: 19.053 ug/l
 RT: 5.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Instrument :
 MSVOA_N
 ClientSampleId :

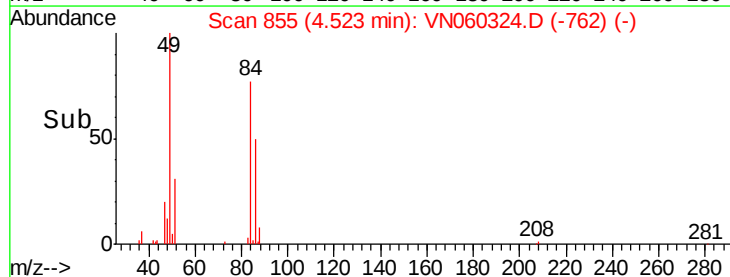
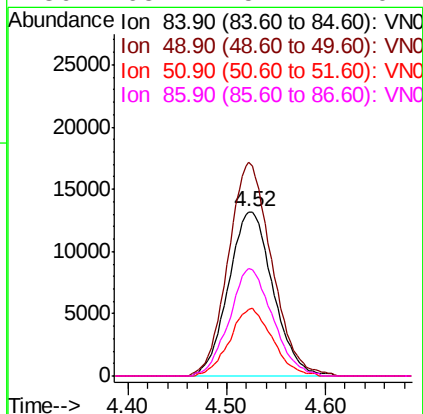
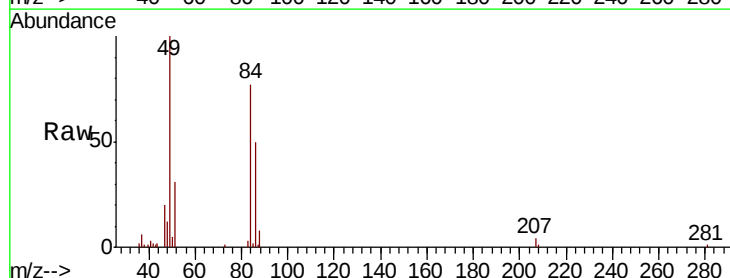
Tot Ion: 73 Resp: 132084
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.3 25.9



#20

Methylene Chloride
 Concen: 18.314 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion: 84 Resp: 41417
 Ion Ratio Lower Upper
 84 100
 49 130.2 99.3 148.9
 51 40.8 30.1 45.1
 86 65.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.359 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

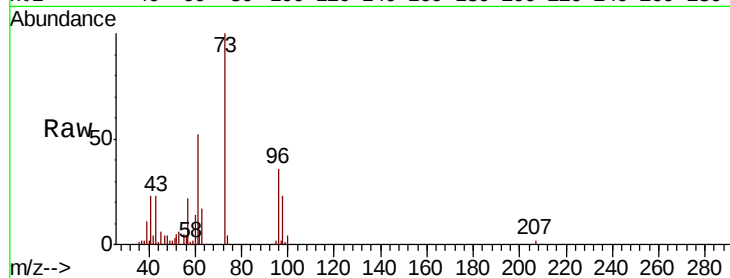
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 96 Resp: 38217

Ion	Ratio	Lower	Upper
96	100		
61	146.1	113.8	170.8
98	64.2	48.8	73.2

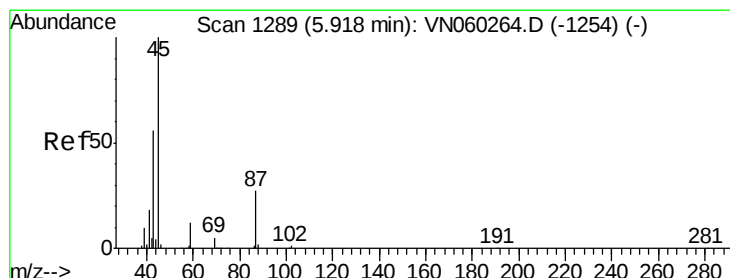
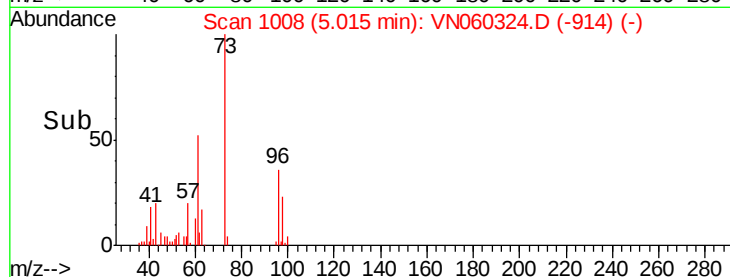
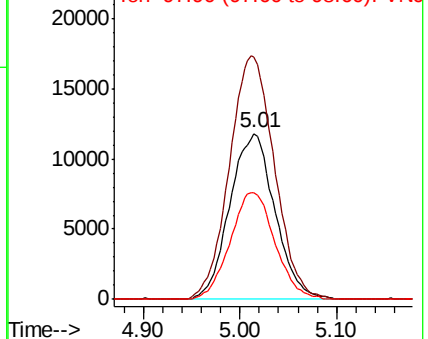


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 19.382 ug/l

RT: 5.92 min Scan# 1289

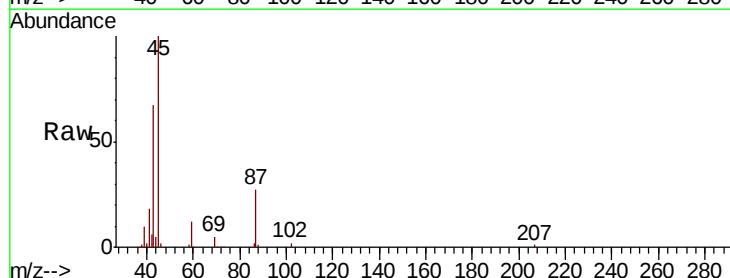
Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Tgt Ion: 45 Resp: 138217

Ion	Ratio	Lower	Upper
45	100		
43	65.1	48.6	72.8
87	26.6	22.2	33.2
59	11.7	9.5	14.3



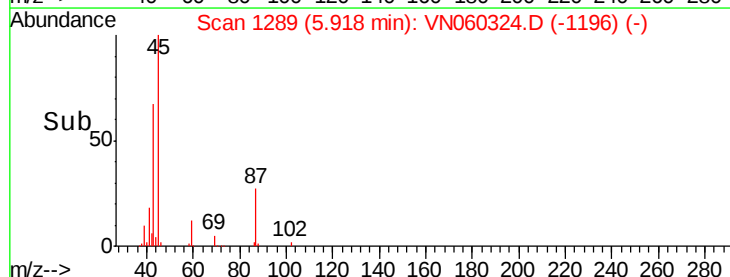
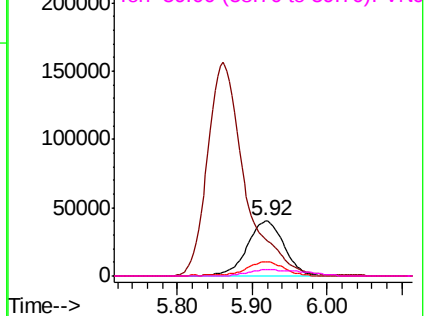
Abundance

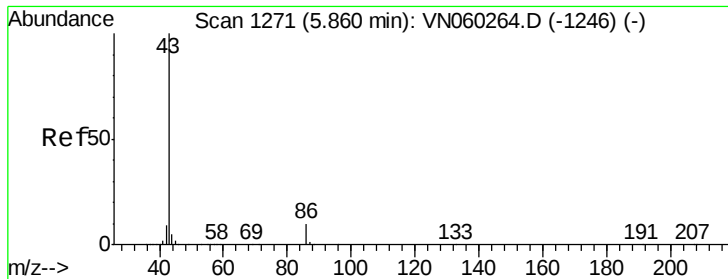
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO

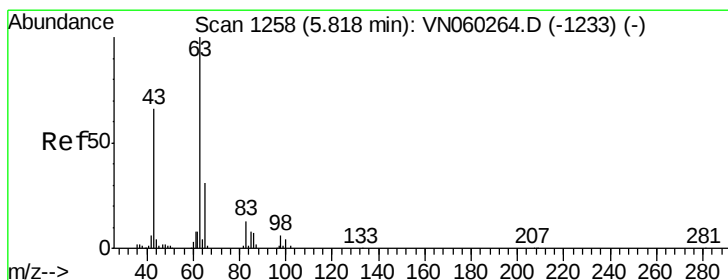
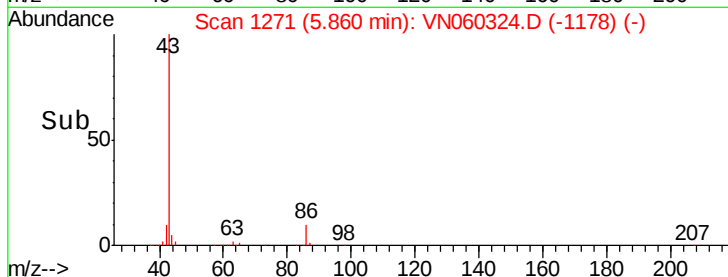
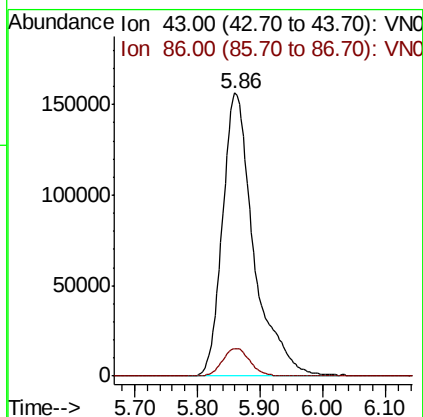
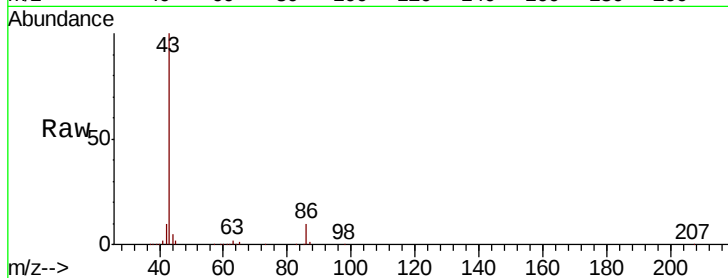




#23
 Vinyl Acetate
 Concen: 95.787 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

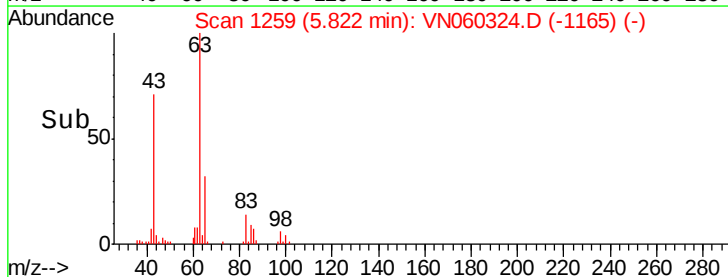
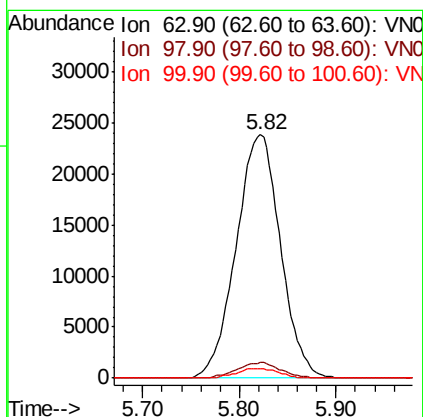
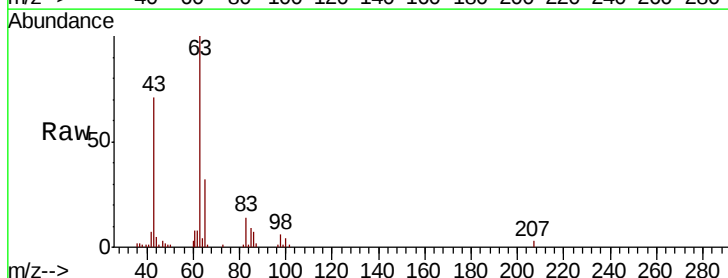
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 542796
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 18.829 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion: 63 Resp: 76008
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.0 9.0
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 95.591 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

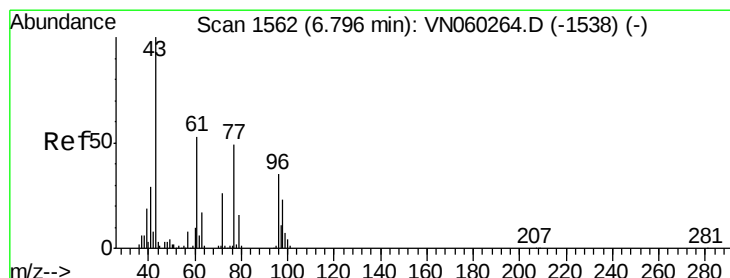
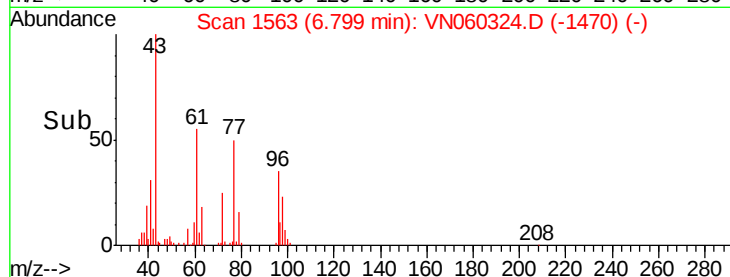
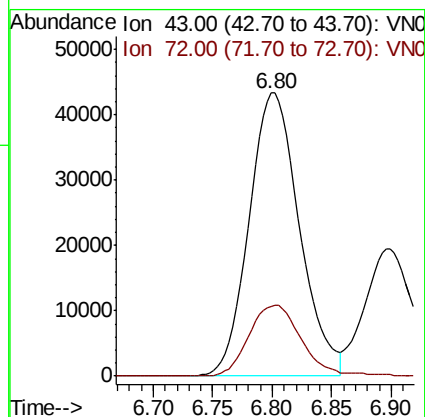
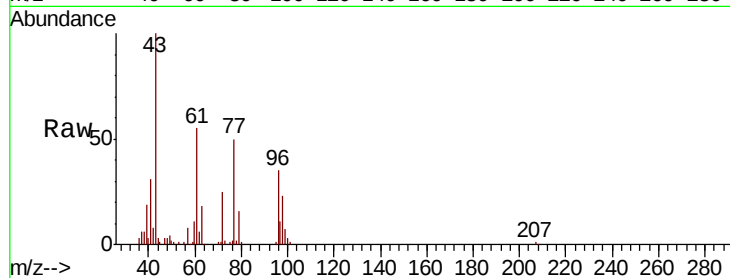
ClientSampled :

Tot Ion: 43 Resp: 127145

Ion Ratio Lower Upper

43 100

72 24.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 18.687 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060324.D

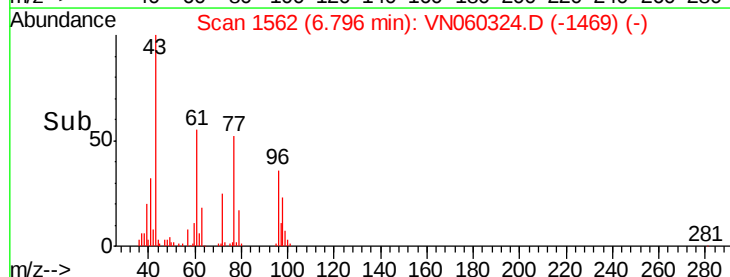
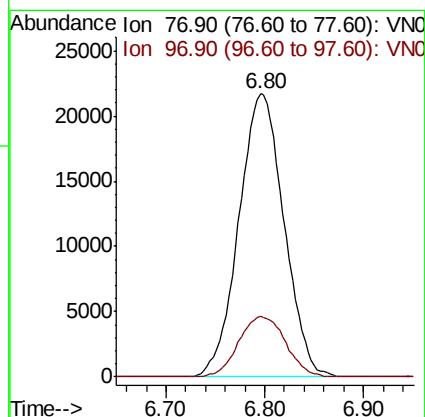
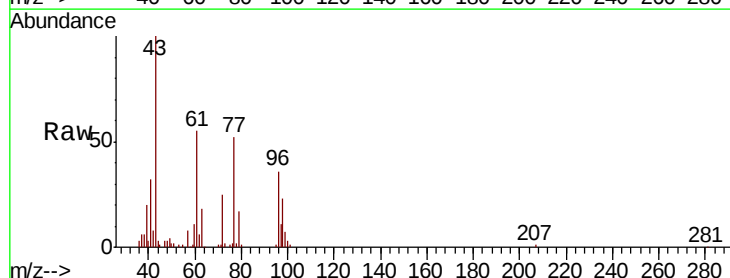
Acq: 3 Mar 2020 13:11

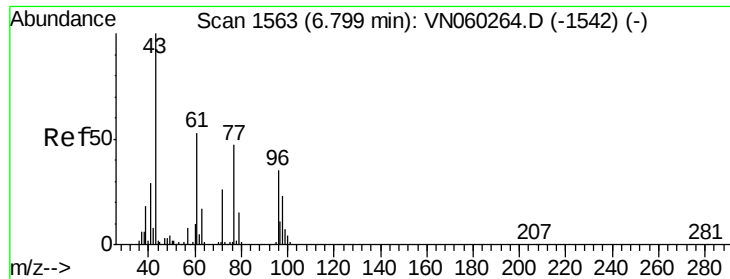
Tgt Ion: 77 Resp: 68674

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.849 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

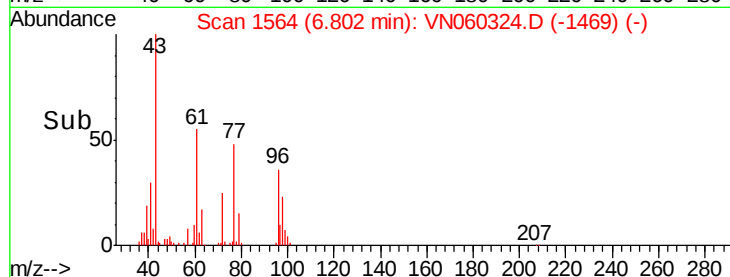
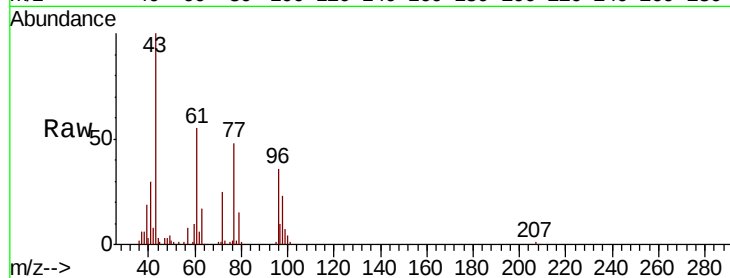
Tot Ion: 96 Resp: 46807

Ion Ratio Lower Upper

96 100

61 151.0 0.0 300.8

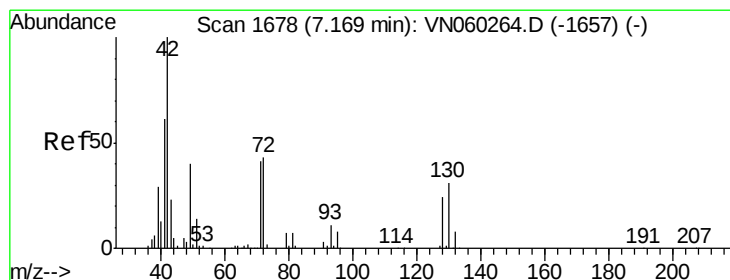
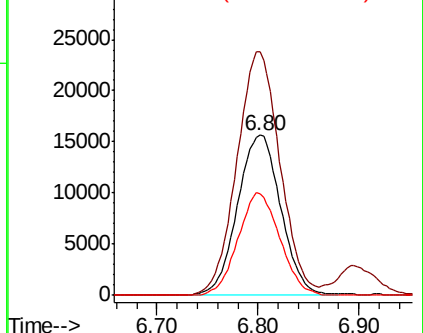
98 61.6 0.0 128.2



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: 18.044 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

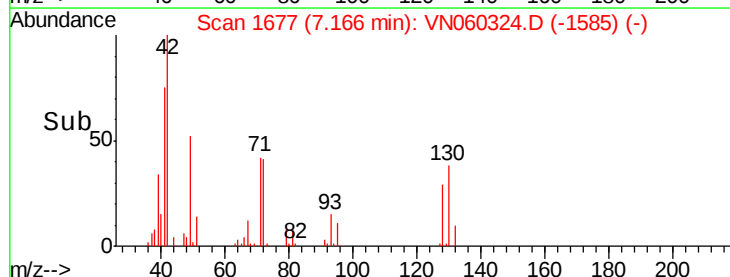
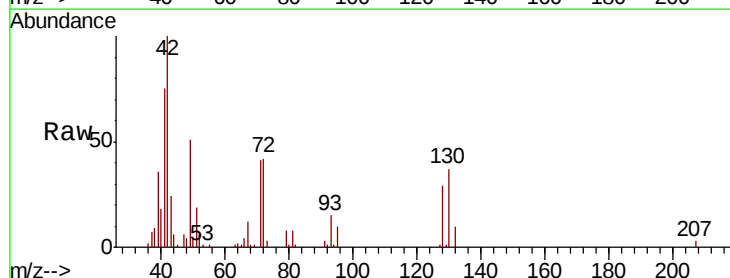
Tgt Ion: 49 Resp: 29906

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

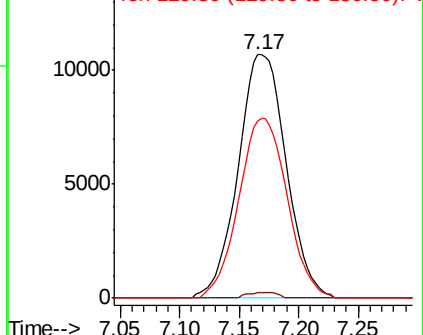
130 74.2 59.8 89.8



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: 93.906 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampled :

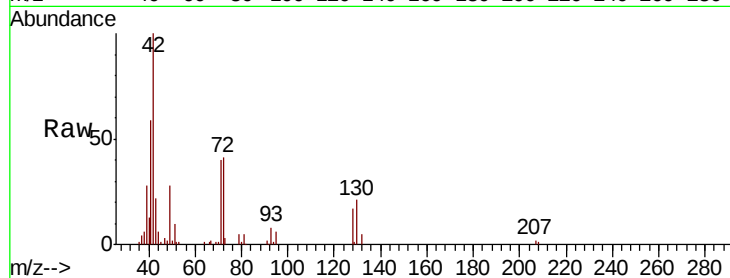
Tot Ion: 42 Resp: 86855

Ion Ratio Lower Upper

42 100

72 42.3 34.6 52.0

71 40.7 32.9 49.3

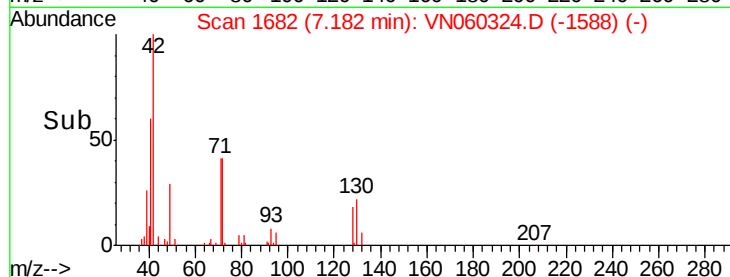


Abundance Ion 42.00 (41.70 to 42.70): VN060324.D (-1651) (-)

Ion 72.00 (71.70 to 72.70): VN060324.D (-1651) (-)

Ion 71.00 (70.70 to 71.70): VN060324.D (-1651) (-)

Time-->

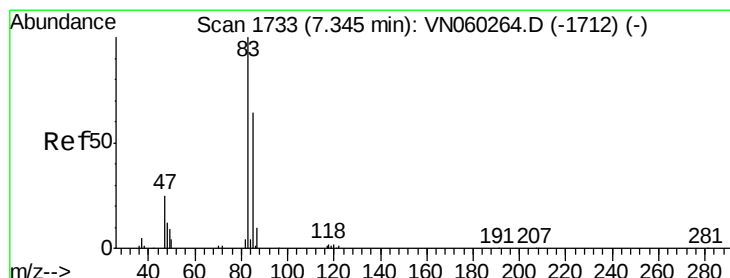


Abundance Ion 42.00 (41.70 to 42.70): VN060324.D (-1588) (-)

Ion 72.00 (71.70 to 72.70): VN060324.D (-1588) (-)

Ion 71.00 (70.70 to 71.70): VN060324.D (-1588) (-)

Time-->



#30

Chloroform

Concen: 19.034 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN060324.D

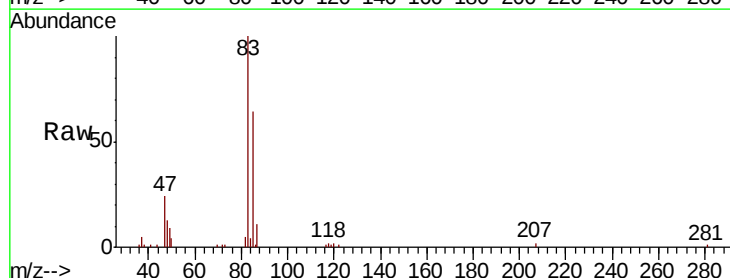
Acq: 3 Mar 2020 13:11

Tgt Ion: 83 Resp: 76488

Ion Ratio Lower Upper

83 100

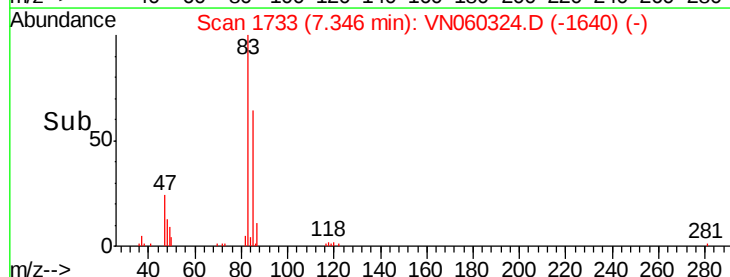
85 64.1 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN060324.D (-1712) (-)

Ion 84.90 (84.60 to 85.60): VN060324.D (-1712) (-)

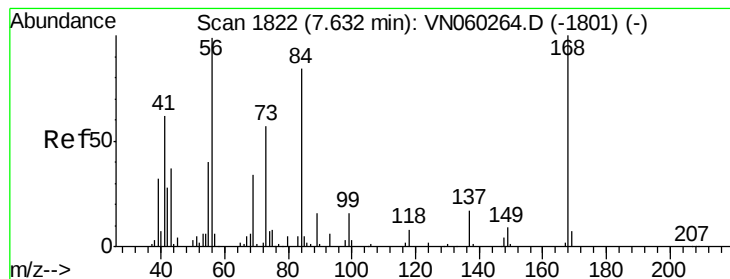
Time-->



Abundance Ion 82.90 (82.60 to 83.60): VN060324.D (-1640) (-)

Ion 84.90 (84.60 to 85.60): VN060324.D (-1640) (-)

Time-->



#31

Cyclohexane

Concen: 19.304 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :
MSVOA_N
ClientSampled :

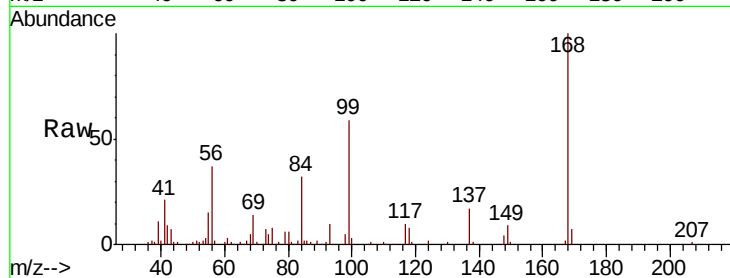
Tot Ion: 56 Resp: 69334

Ion Ratio Lower Upper

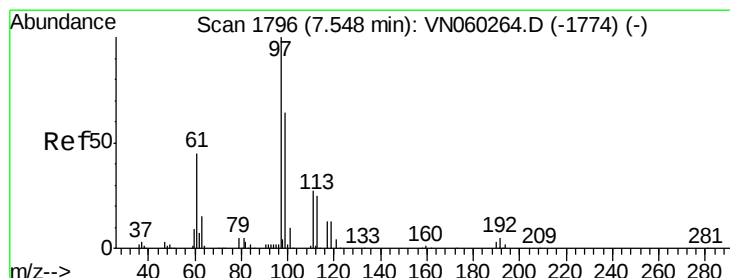
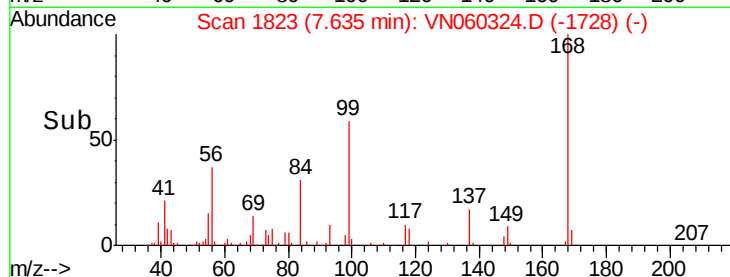
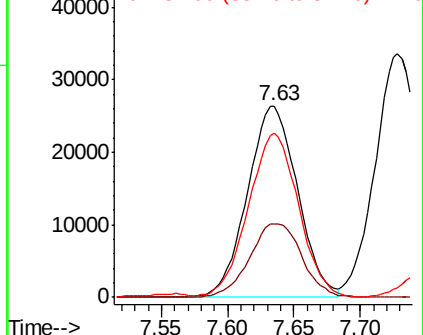
56 100

69 38.6 27.2 40.8

84 85.0 66.7 100.1



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



#32

1,1,1-Trichloroethane

Concen: 19.144 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

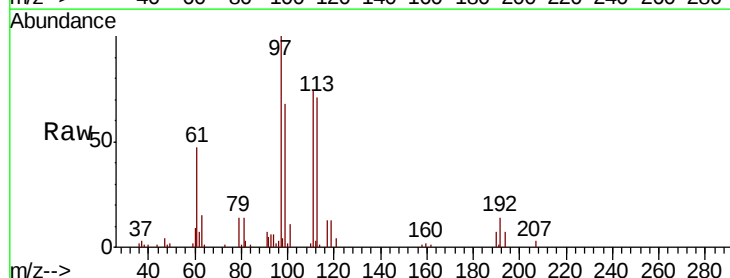
Tgt Ion: 97 Resp: 68161

Ion Ratio Lower Upper

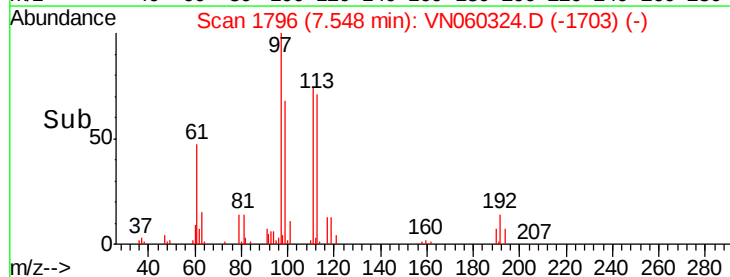
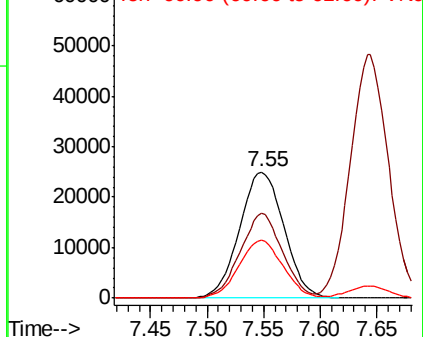
97 100

99 63.9 51.4 77.0

61 45.7 36.6 55.0



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

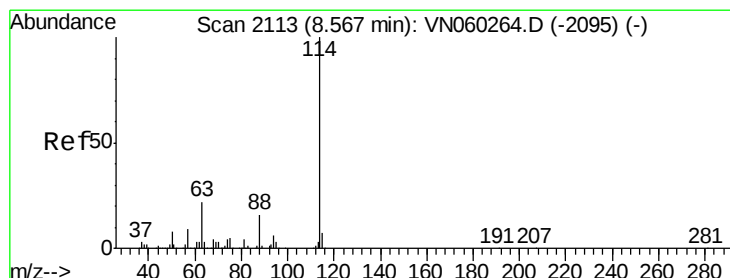
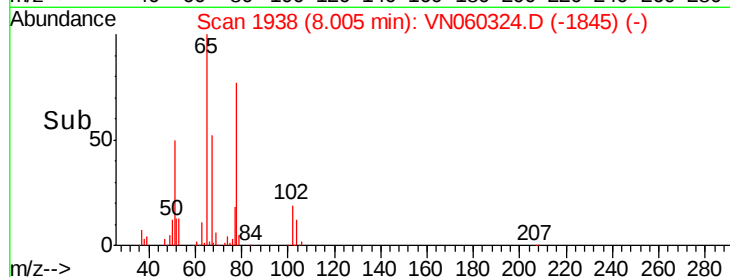
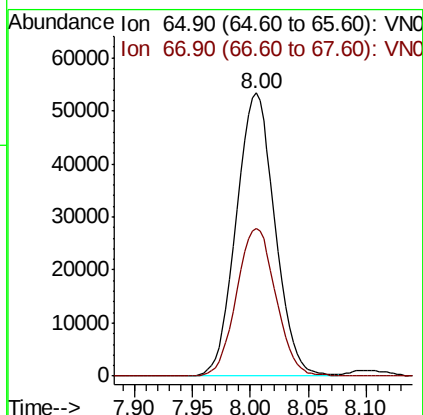
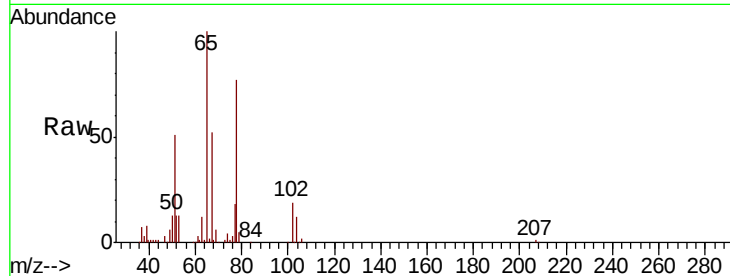




#33
 1,2-Dichloroethane-d4
 Concen: 48.452 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

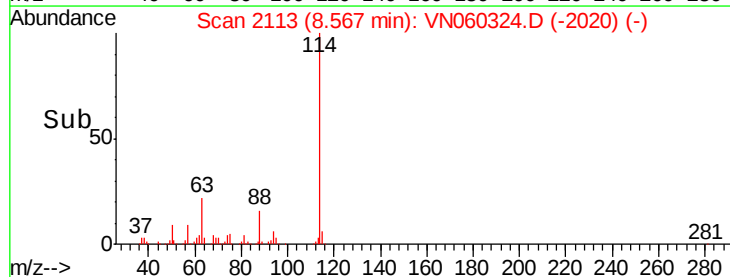
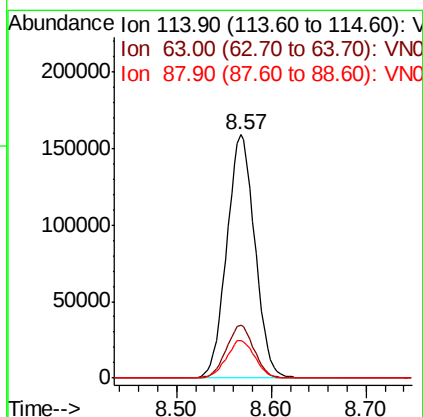
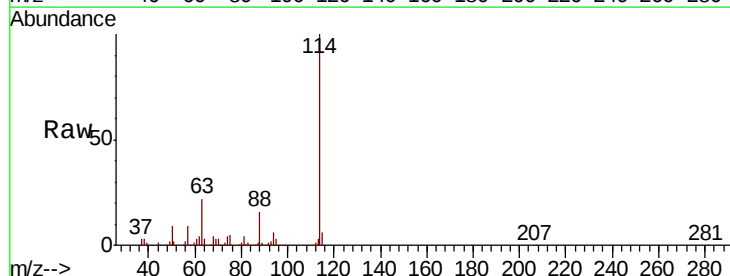
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 65 Resp: 123552
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion: 114 Resp: 327706
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 15.6 0.0 31.6

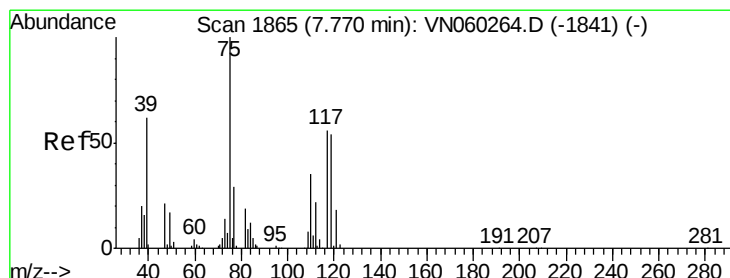
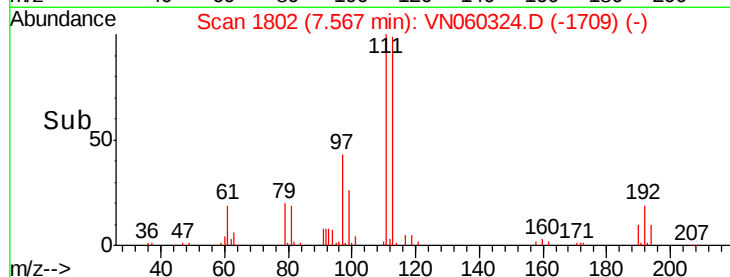
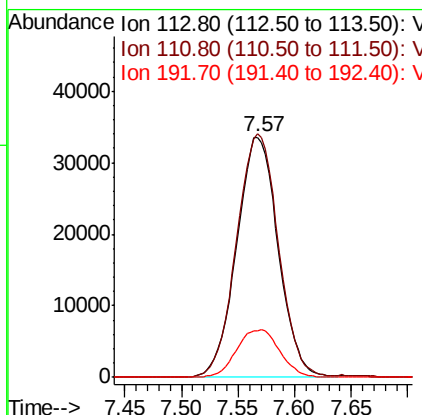
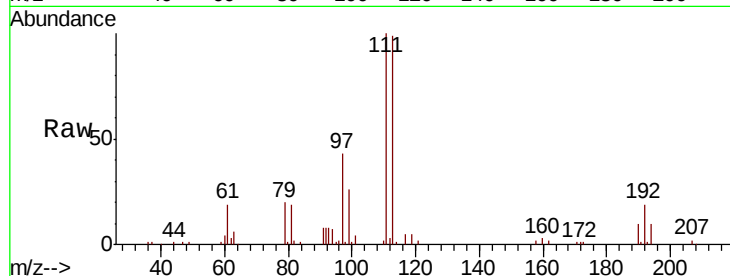




#35
 Dibromofluoromethane
 Concen: 56.360 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

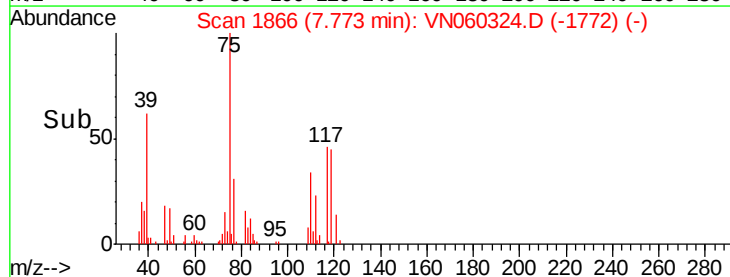
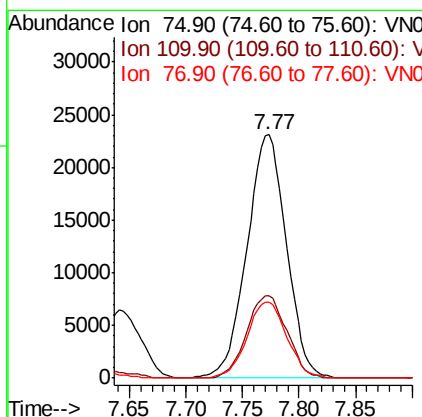
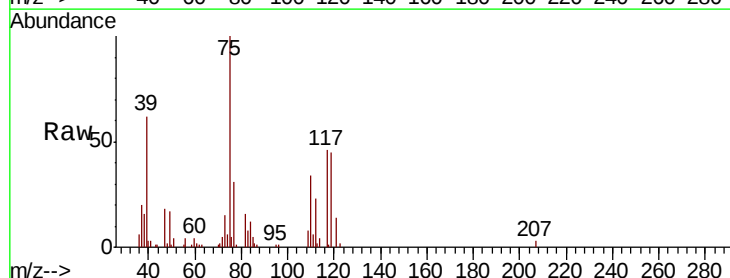
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 85729
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 20.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.963 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion: 75 Resp: 56102
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.3 52.0
 77 31.5 24.2 36.2

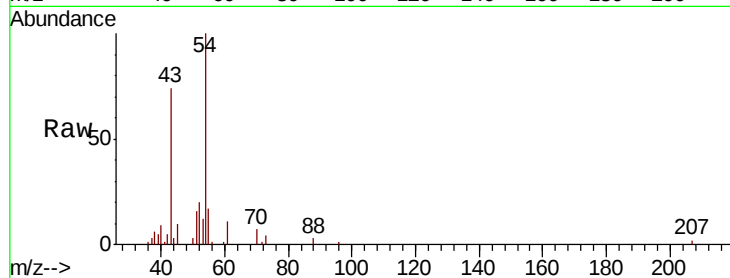




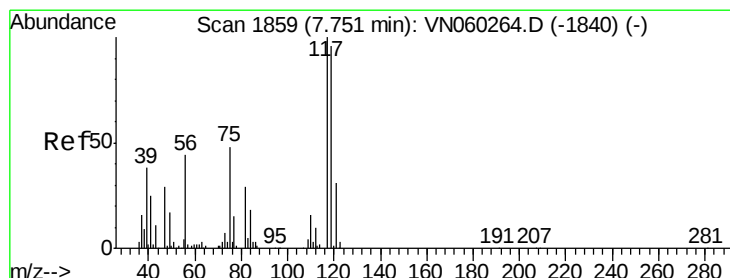
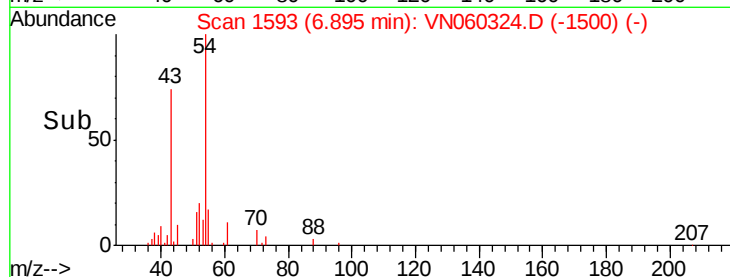
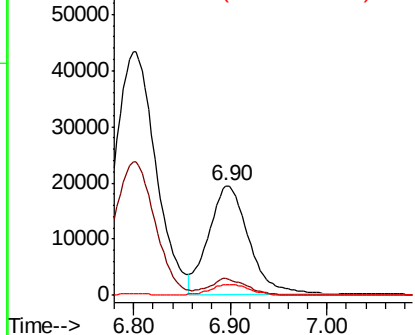
#37
Ethyl Acetate
Concen: 18.993 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 56169
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 9.7 8.4 12.6

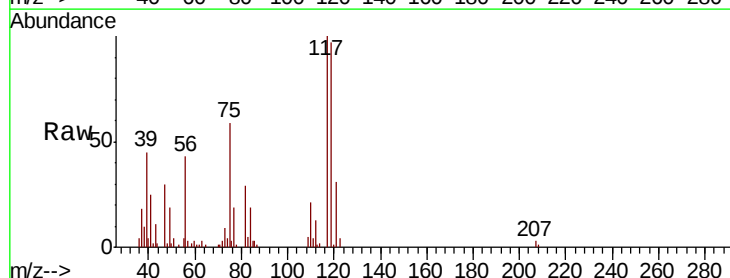


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

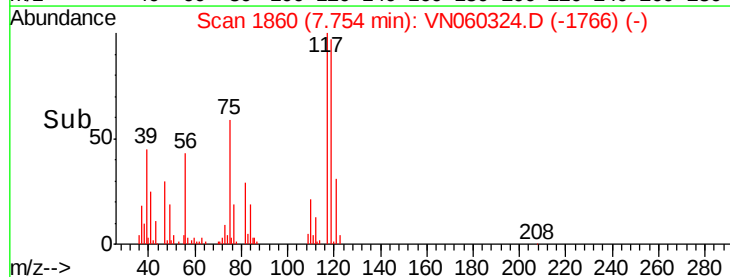
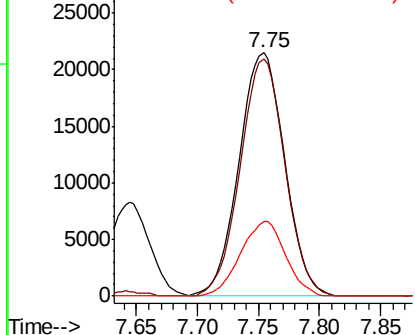


#38
Carbon Tetrachloride
Concen: 18.362 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion: 117 Resp: 55835
Ion Ratio Lower Upper
117 100
119 97.4 76.7 115.1
121 30.5 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

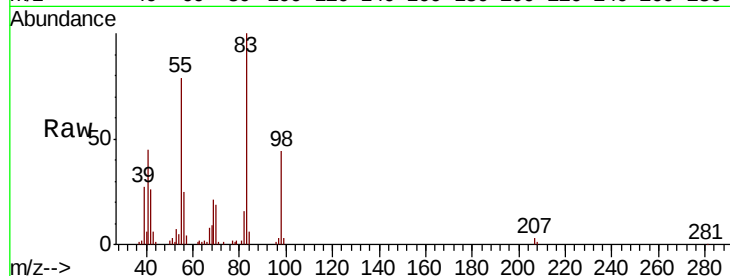




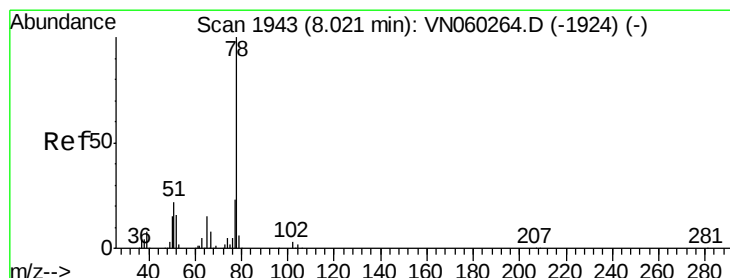
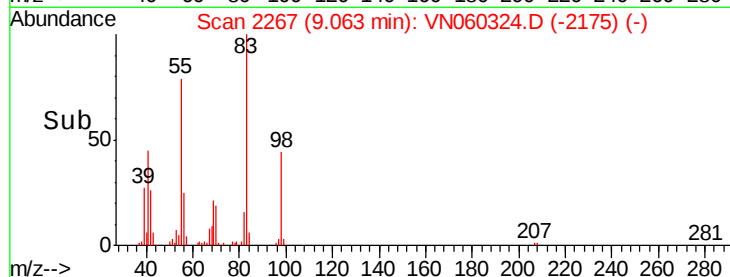
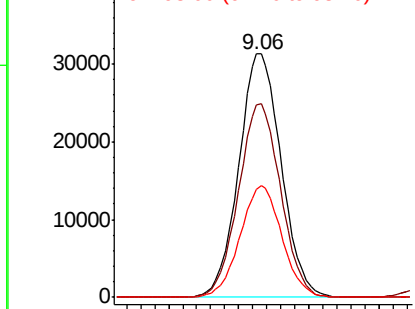
#39
Methvlcvclohexane
Concen: 17.864 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 65783
Ion Ratio Lower Upper
83 100
55 79.1 61.0 91.4
98 44.4 36.1 54.1

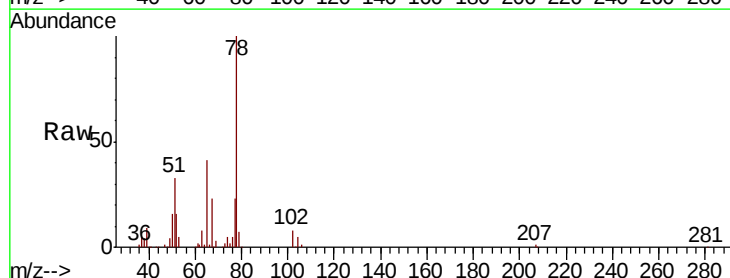


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

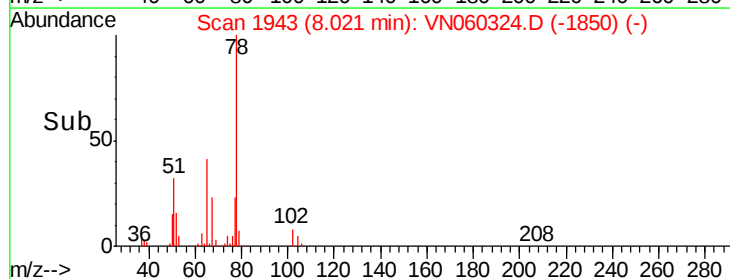
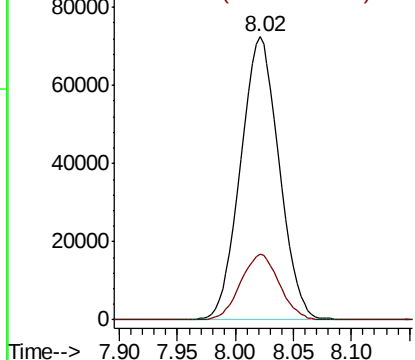


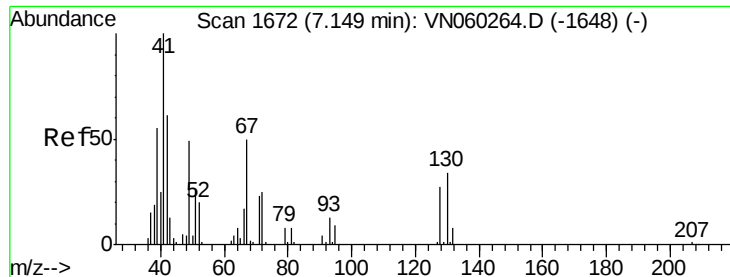
#40
Benzene
Concen: 18.469 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion: 78 Resp: 167884
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



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

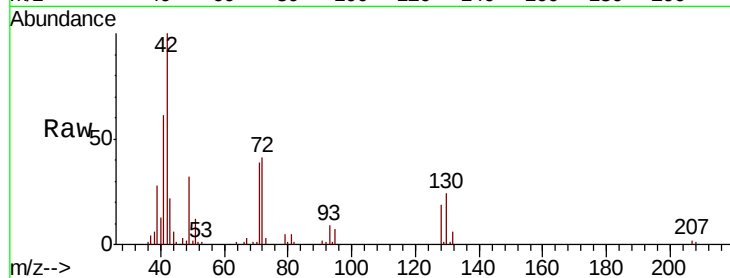




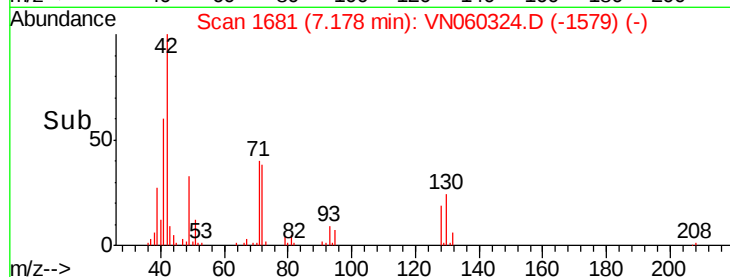
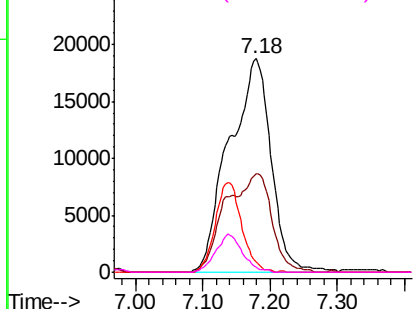
#41
Methacrylonitrile
Concen: 59.446 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	81172
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

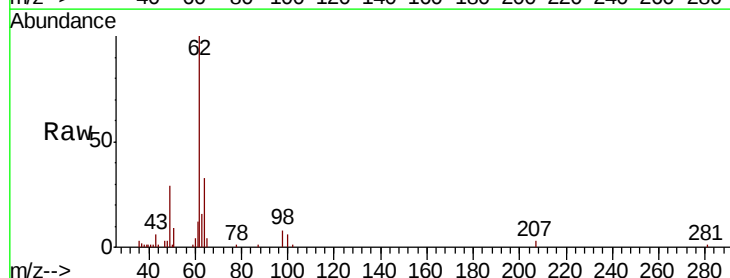


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

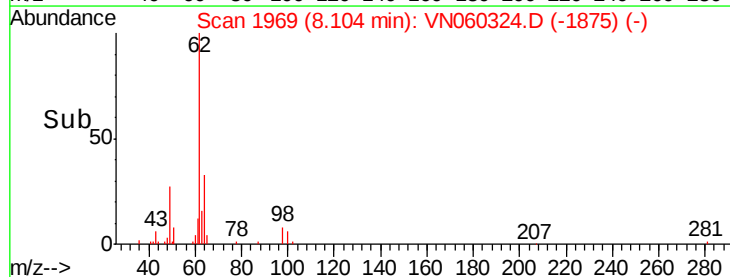
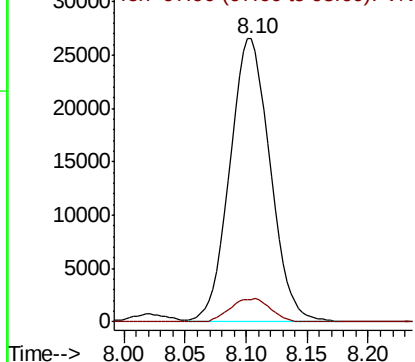


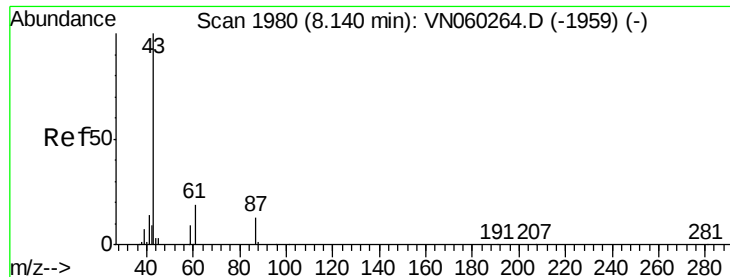
#42
1,2-Dichloroethane
Concen: 18.603 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion:	62	Resp:	61022
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 19.090 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampled :

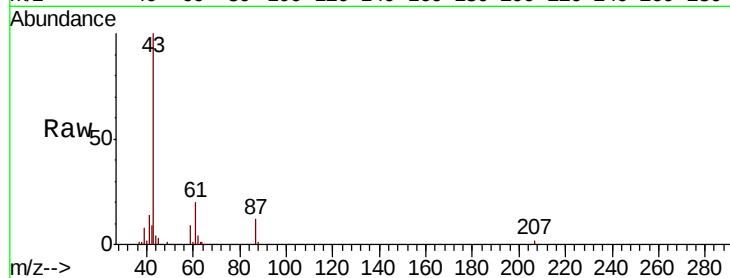
Tot Ion: 43 Resp: 98834

Ion Ratio Lower Upper

43 100

61 26.1 20.9 31.3

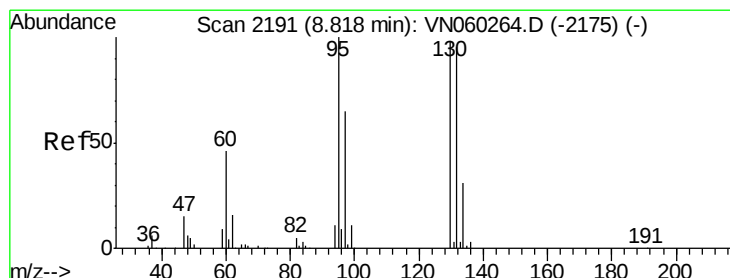
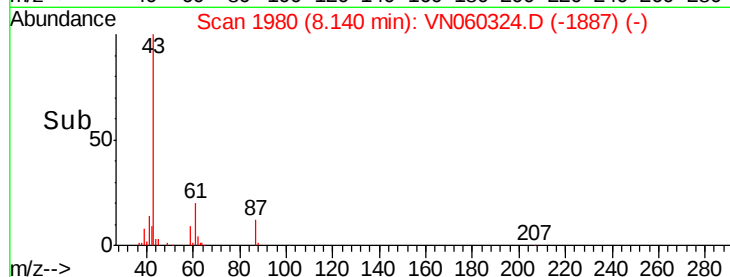
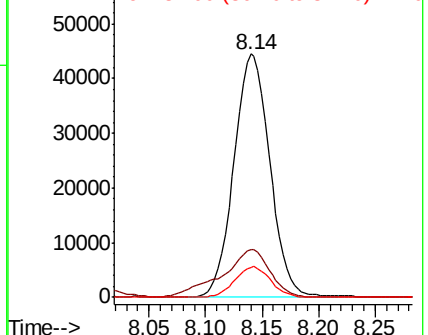
87 12.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060324.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060324.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060324.D (-1959) (-)



#44

Trichloroethene

Concen: 18.145 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060324.D

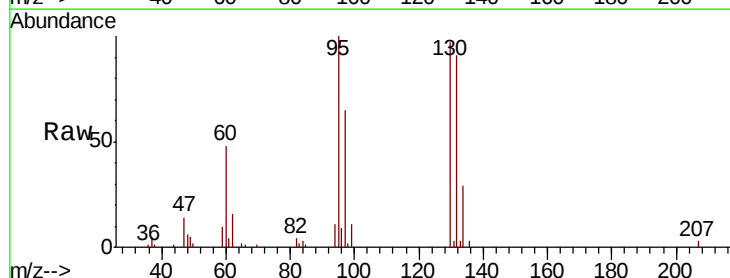
Acq: 3 Mar 2020 13:11

Tgt Ion:130 Resp: 45939

Ion Ratio Lower Upper

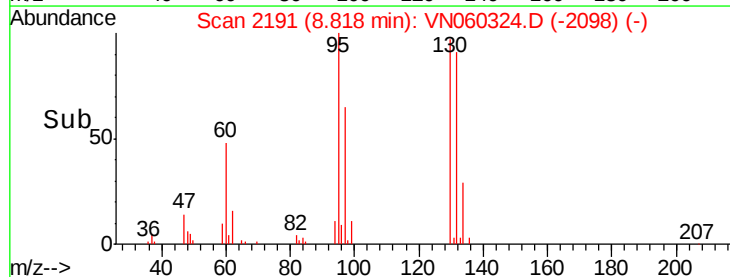
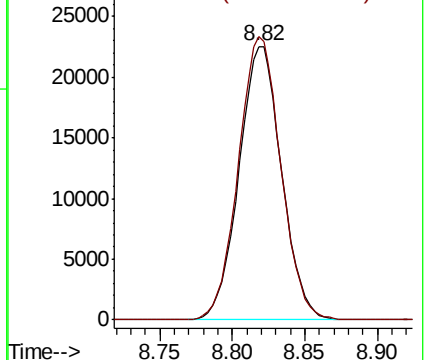
130 100

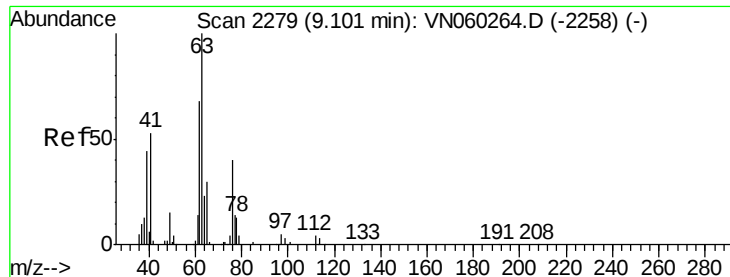
95 103.5 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060324.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060324.D (-2175) (-)

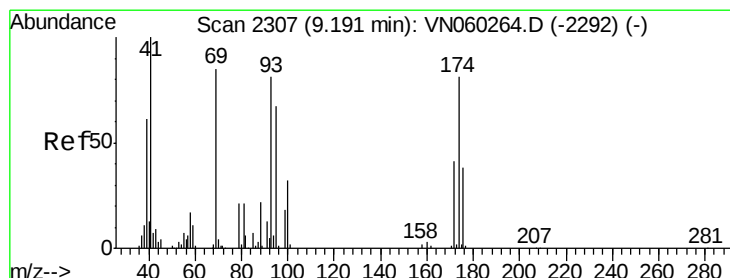
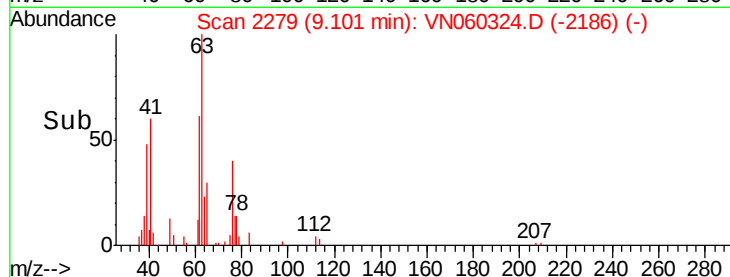
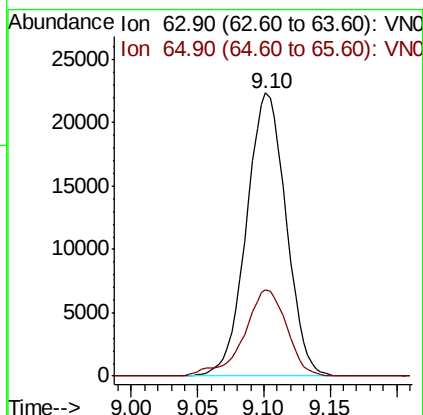
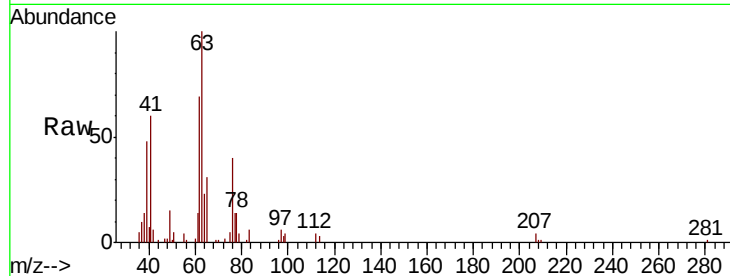




#45
 1,2-Dichloropropane
 Concen: 19.537 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

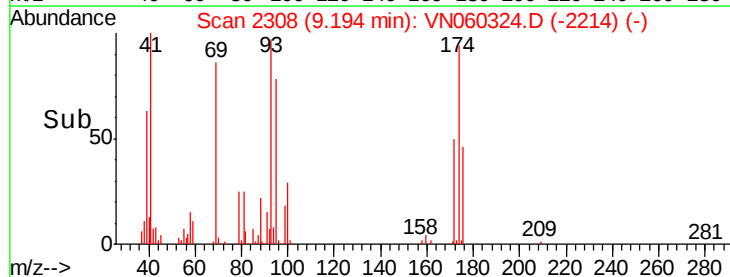
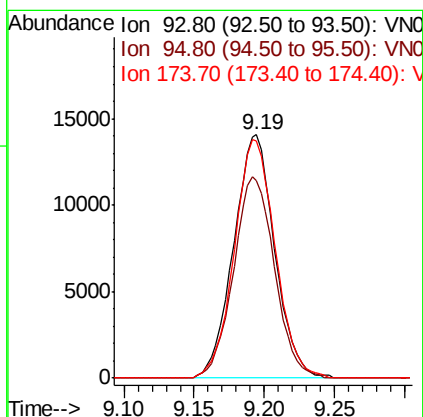
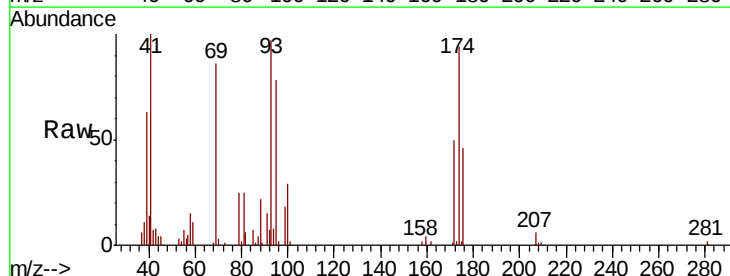
Instrument :
 MSVOA_N
 ClientSampleId :

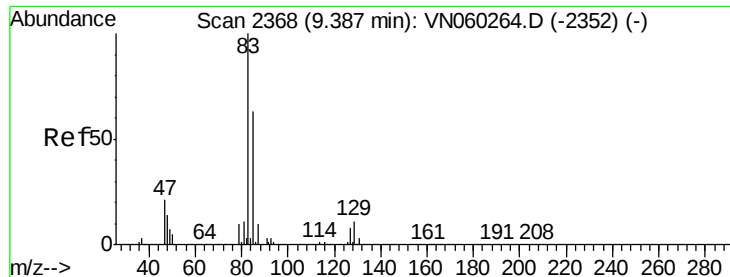
Tot Ion: 63 Resp: 46434
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6



#46
 Dibromomethane
 Concen: 18.570 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion: 93 Resp: 28638
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.9 98.9
 174 97.6 79.6 119.4





#47

Bromodichloromethane

Concen: 19.177 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :
MSVOA_N
ClientSampled :

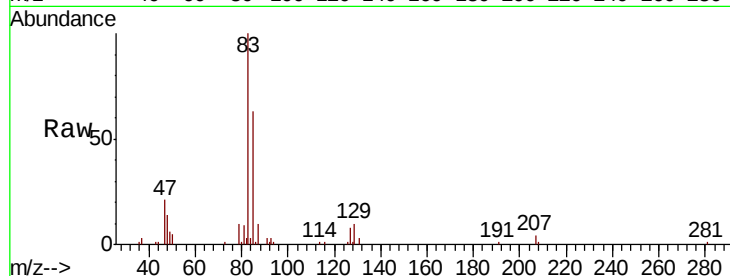
Tot Ion: 83 Resp: 60147

Ion Ratio Lower Upper

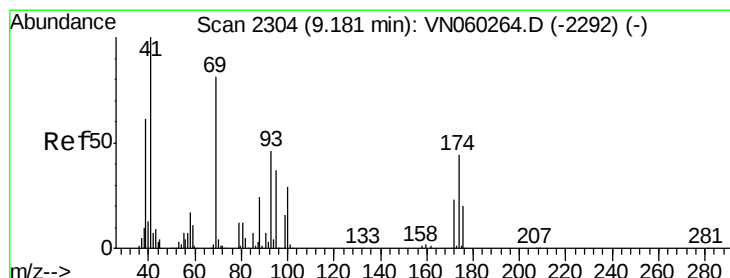
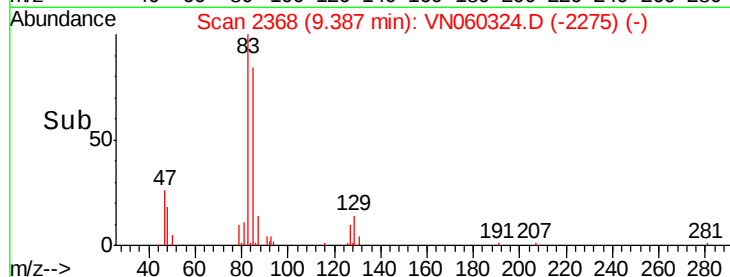
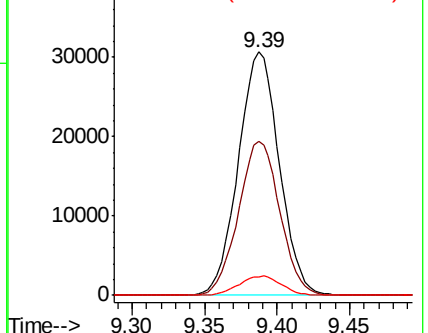
83 100

85 63.2 50.7 76.1

127 7.7 6.8 10.2



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: 17.739 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

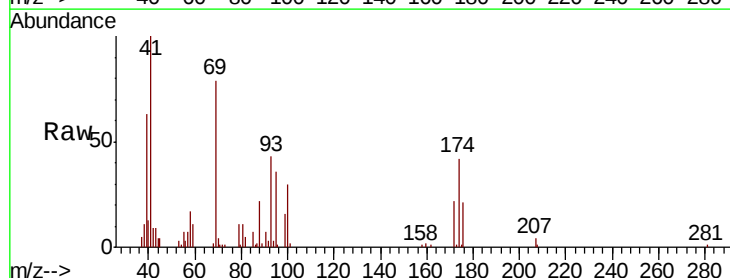
Tgt Ion: 41 Resp: 41880

Ion Ratio Lower Upper

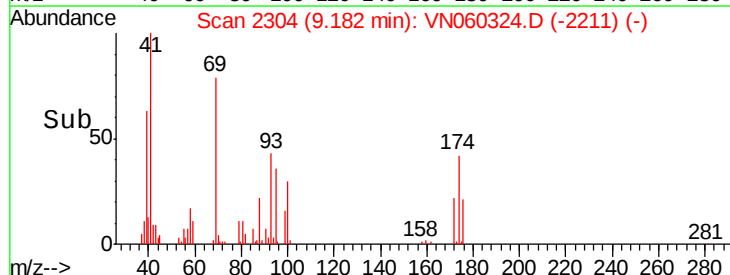
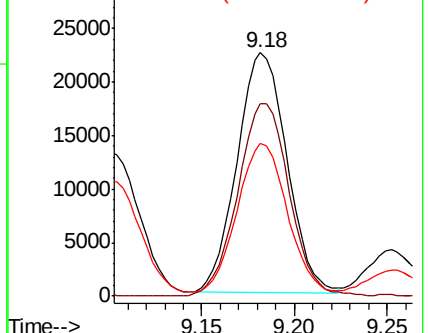
41 100

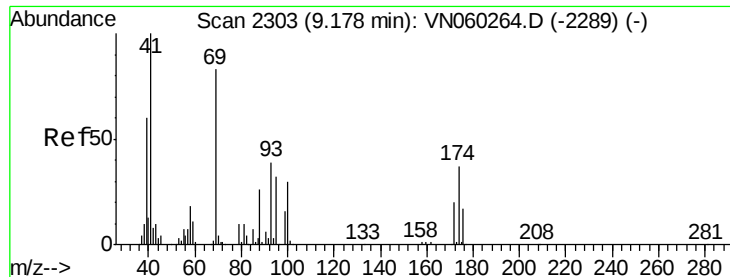
69 83.2 66.7 100.1

39 64.8 50.1 75.1



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

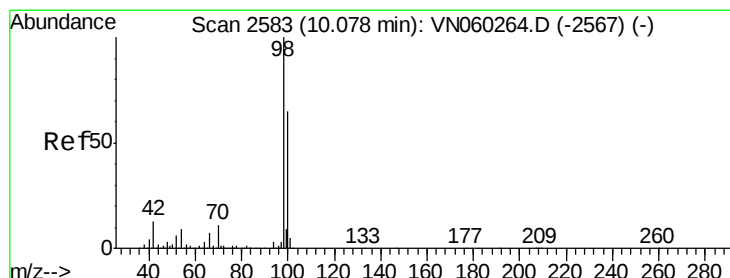
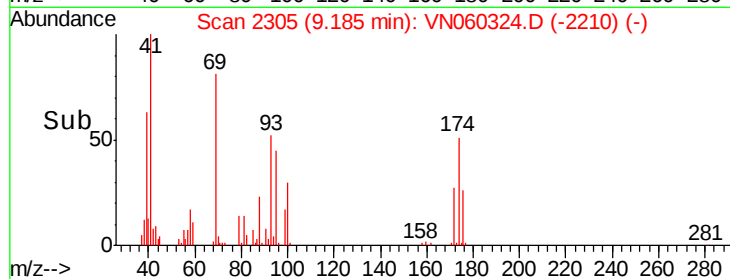
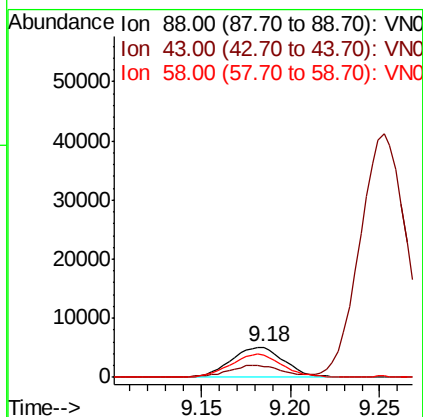
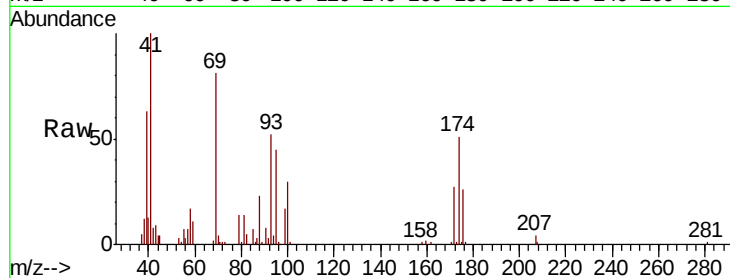




#49
1,4-Dioxane
Concen: 315.870 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.01 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

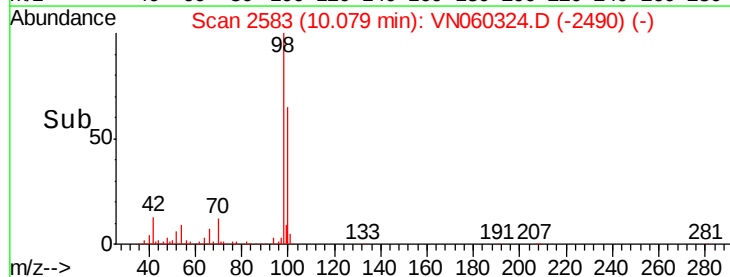
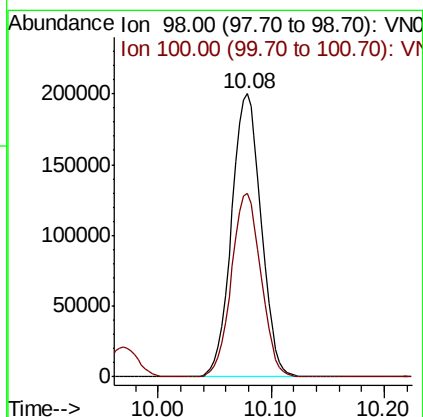
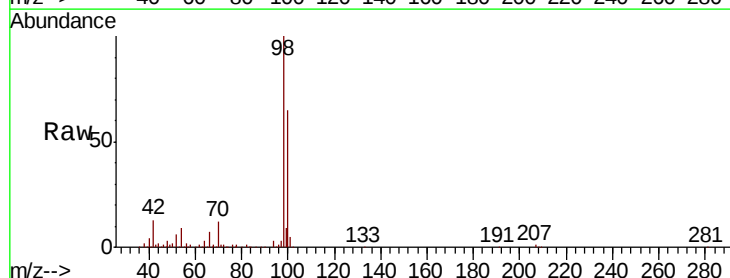
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 10487
Ion Ratio Lower Upper
88 100
43 39.4 30.4 45.6
58 74.7 57.0 85.6



#50
Toluene-d8
Concen: 47.302 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion: 98 Resp: 364156
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 95.354 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

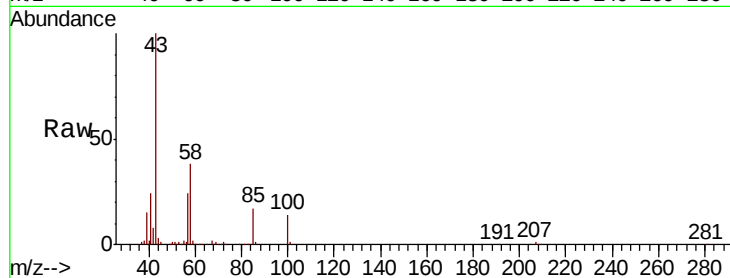
ClientSampled :

Tot Ion: 43 Resp: 279902

Ion Ratio Lower Upper

43 100

58 38.2 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060324.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060324.D (-2531) (-)

9.97

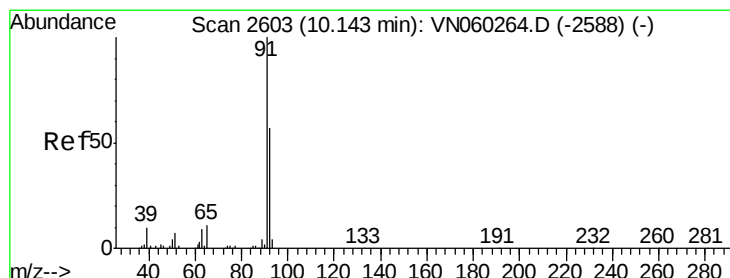
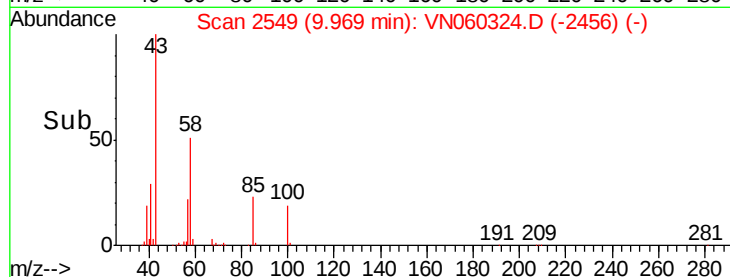
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.486 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060324.D

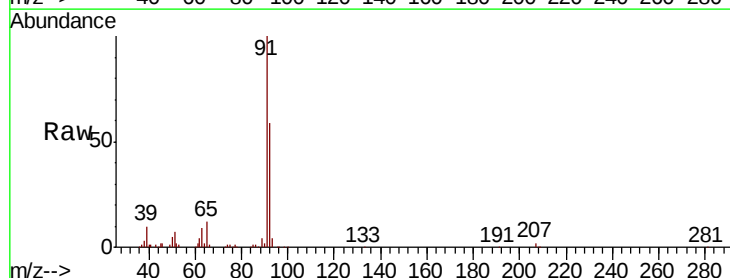
Acq: 3 Mar 2020 13:11

Tgt Ion: 92 Resp: 105558

Ion Ratio Lower Upper

92 100

91 171.2 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060324.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060324.D (-2588) (-)

10.14

100000

80000

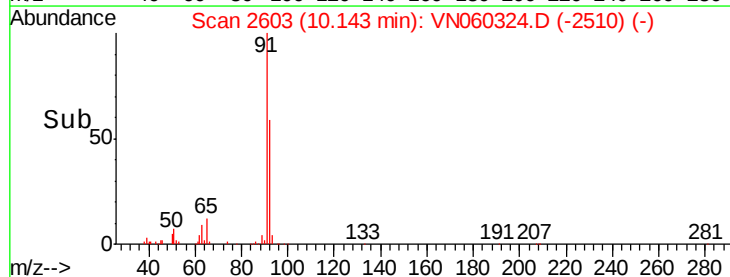
60000

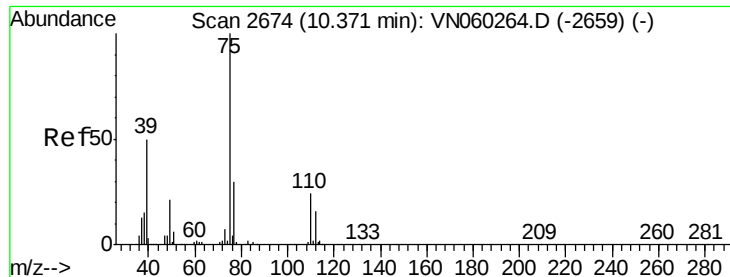
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.966 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

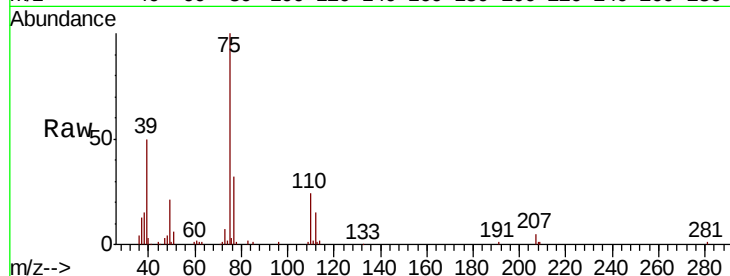
ClientSampleId :

Tot Ion: 75 Resp: 69046

Ion Ratio Lower Upper

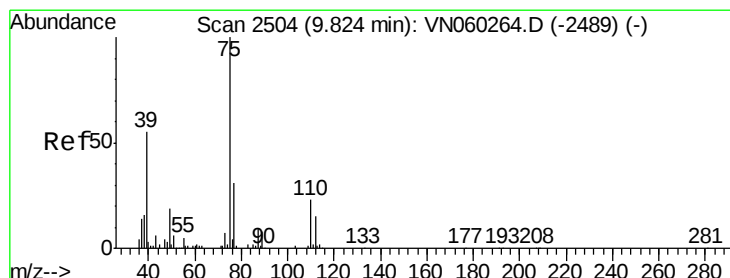
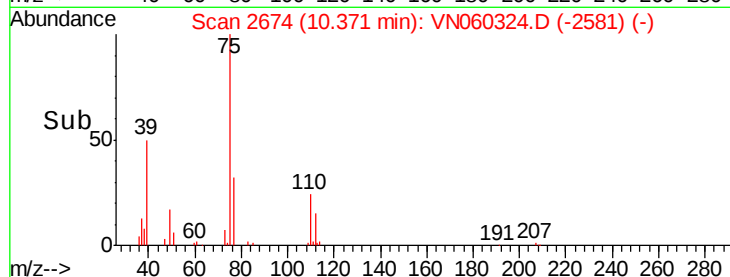
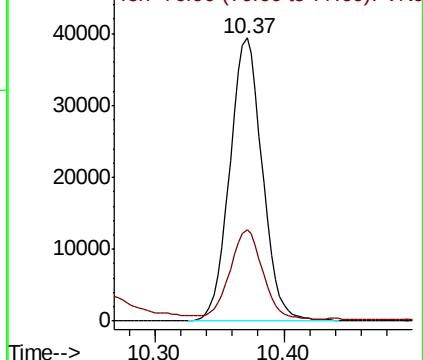
75 100

77 31.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.350 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

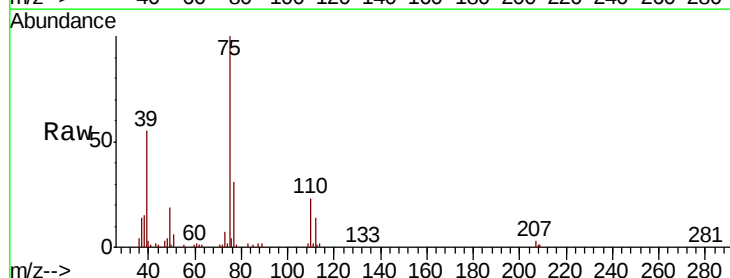
Tgt Ion: 75 Resp: 73078

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

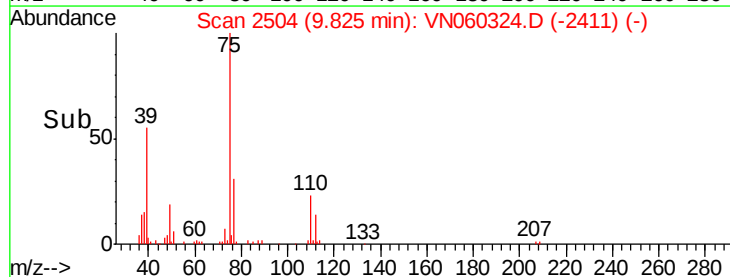
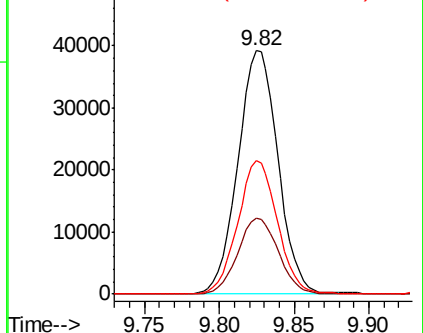
39 55.0 43.8 65.8

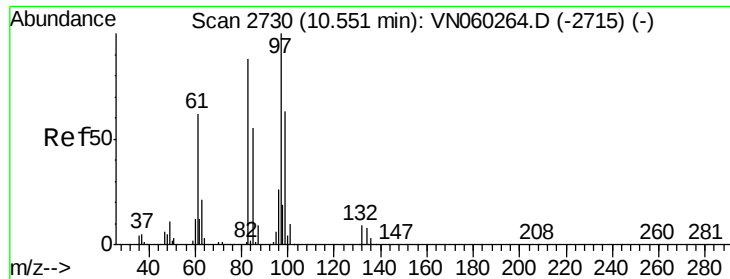


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

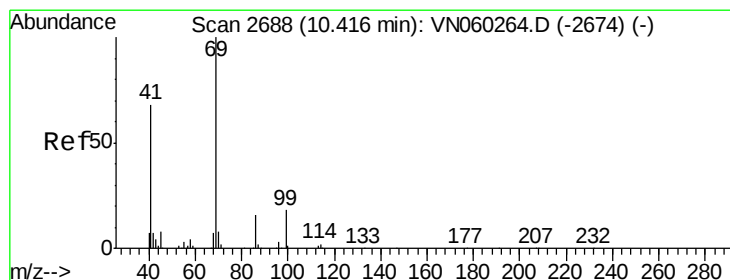
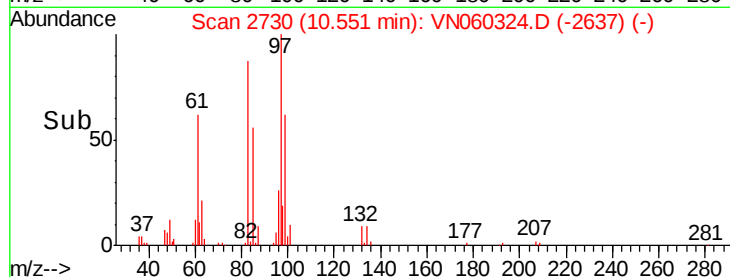
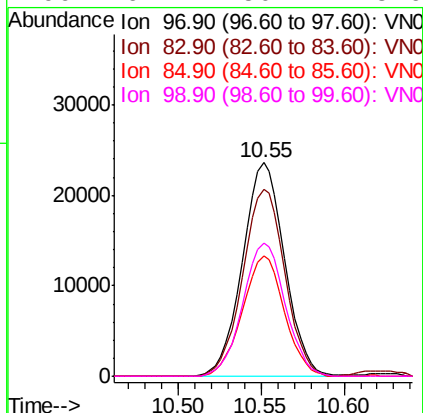
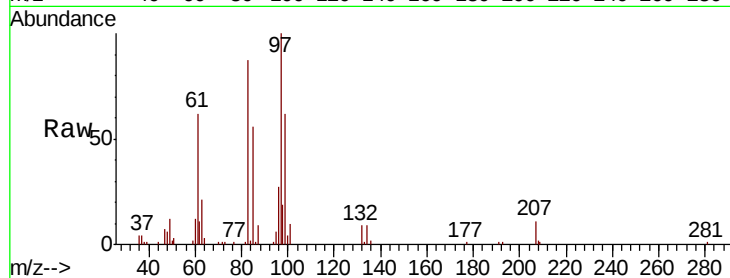




#55
 1,1,2-Trichloroethane
 Concen: 18.190 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

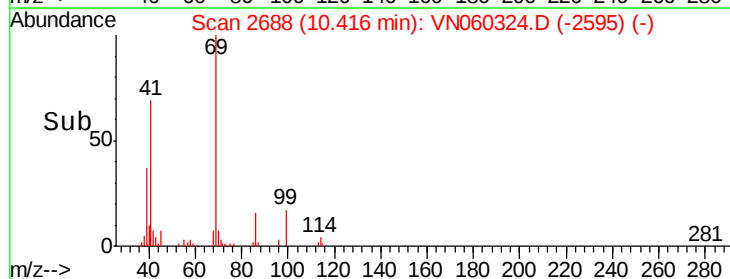
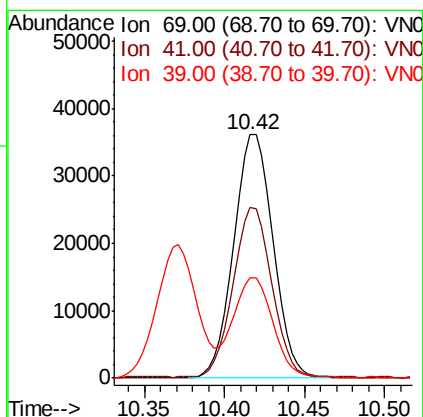
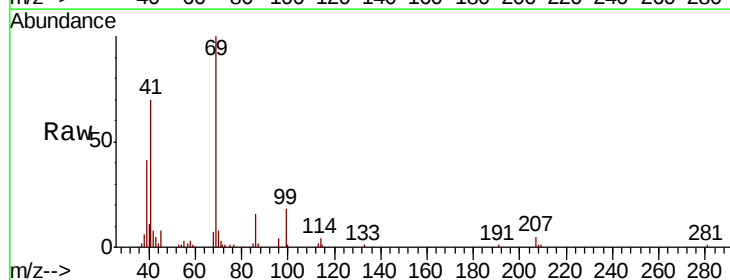
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 41770
 Ion Ratio Lower Upper
 97 100
 83 87.5 70.0 105.0
 85 56.5 44.0 66.0
 99 62.2 50.4 75.6



#56
 Ethyl methacrylate
 Concen: 18.387 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion: 69 Resp: 60660
 Ion Ratio Lower Upper
 69 100
 41 69.6 54.1 81.1
 39 41.4 32.5 48.7





#57

1,3-Dichloropropane

Concen: 19.033 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

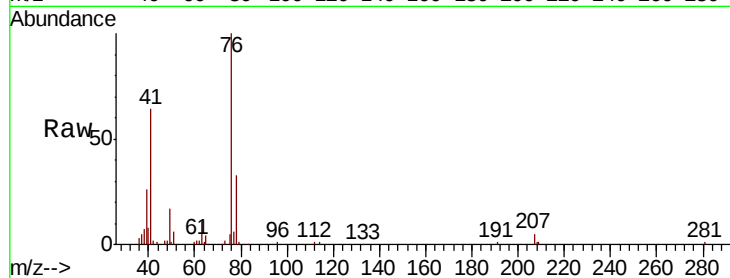
ClientSampleId :

Tot Ion: 76 Resp: 71277

Ion Ratio Lower Upper

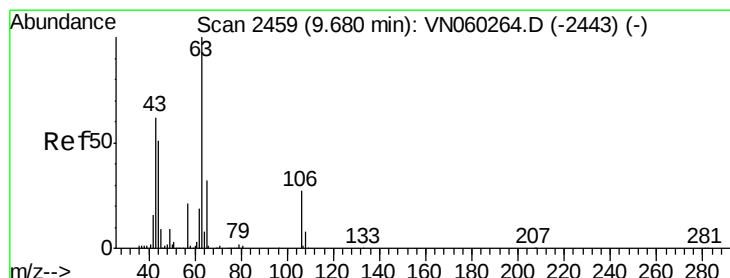
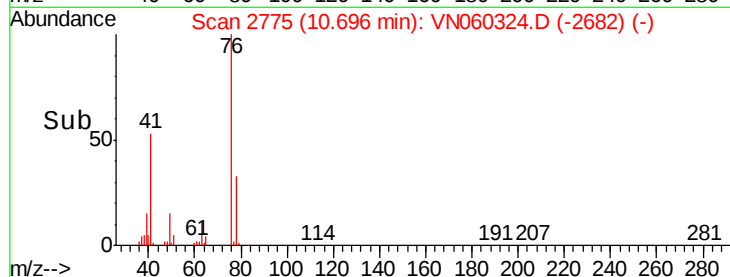
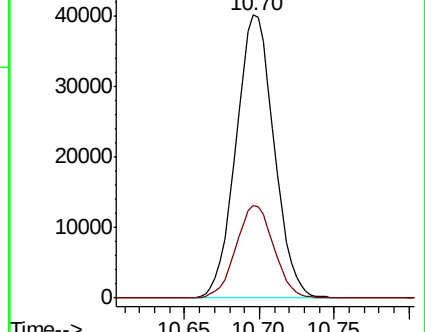
76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN060324.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN060324.D (-2760) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 94.154 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060324.D

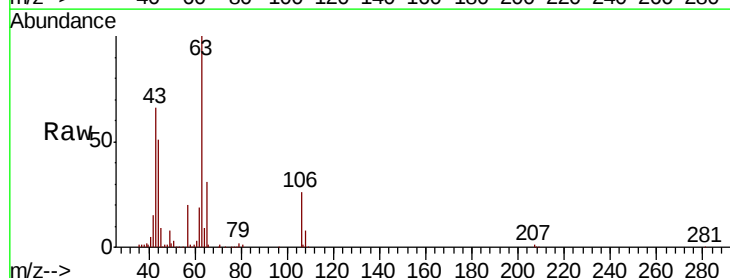
Acq: 3 Mar 2020 13:11

Tgt Ion: 63 Resp: 162453

Ion Ratio Lower Upper

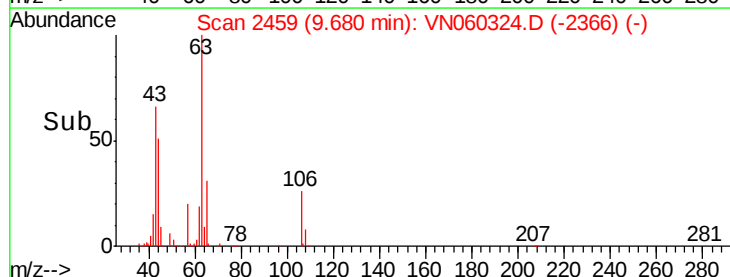
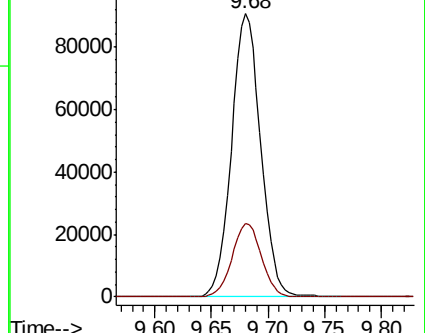
63 100

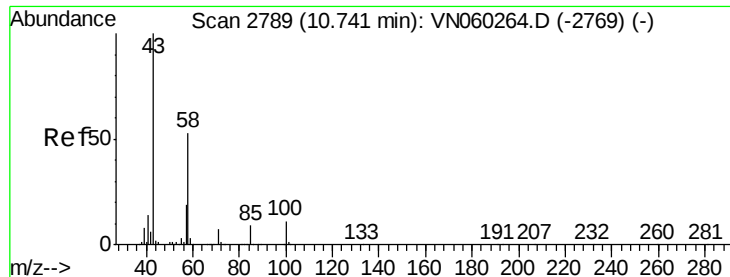
106 26.0 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN060324.D (-2443) (-)

Ion 105.90 (105.60 to 106.60): VN060324.D (-2443) (-)

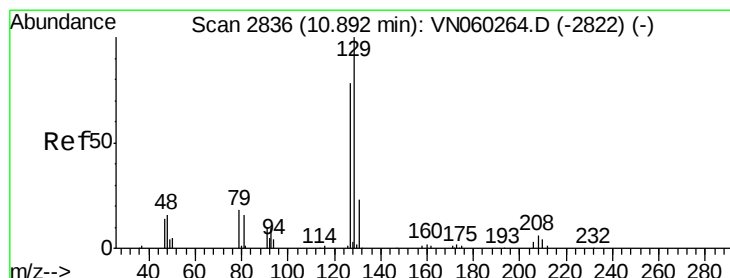
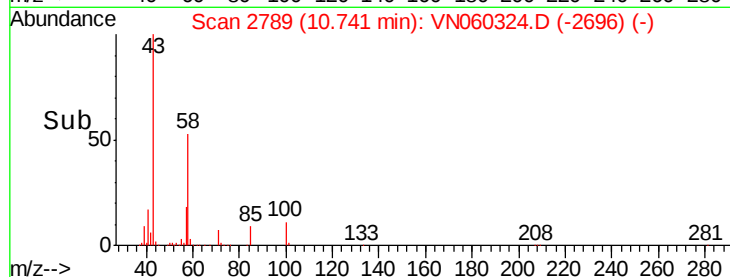
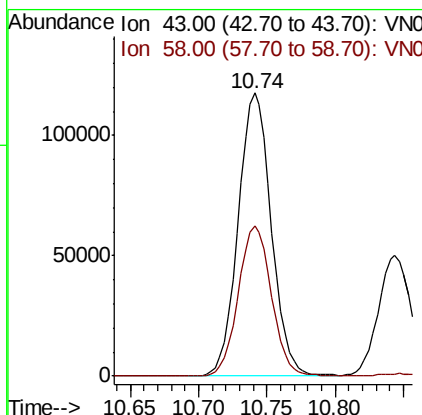
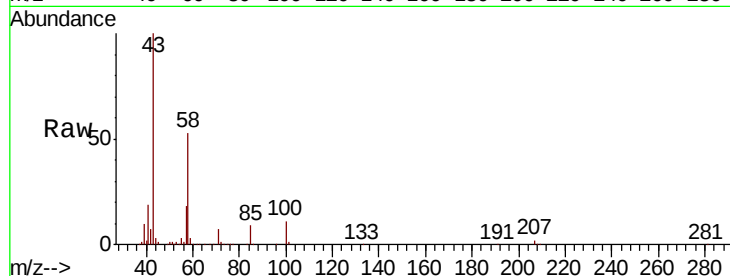




#59
2-Hexanone
Concen: 91.910 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

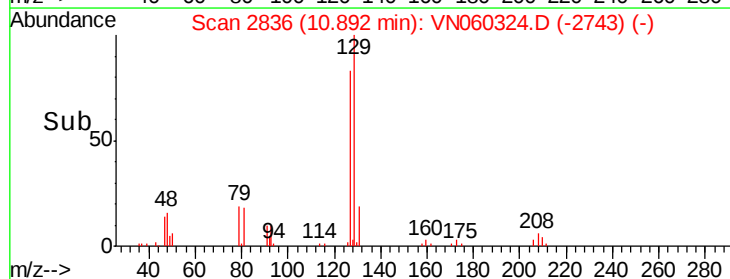
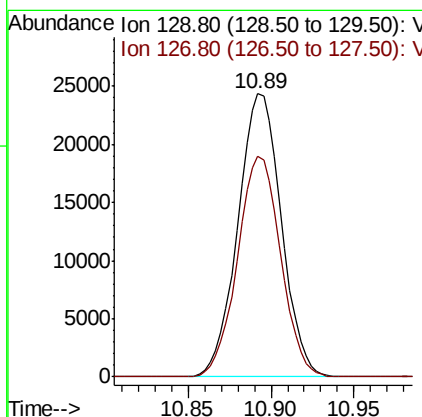
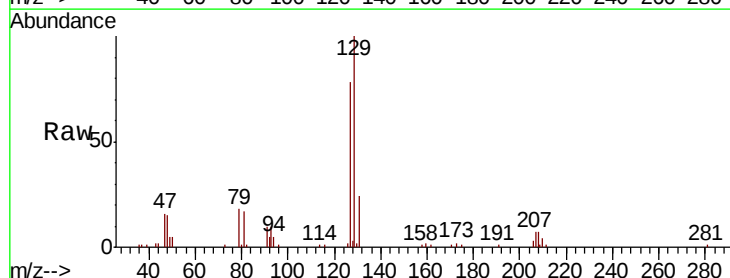
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 198087
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5



#60
Dibromochloromethane
Concen: 18.965 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion: 129 Resp: 44287
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7

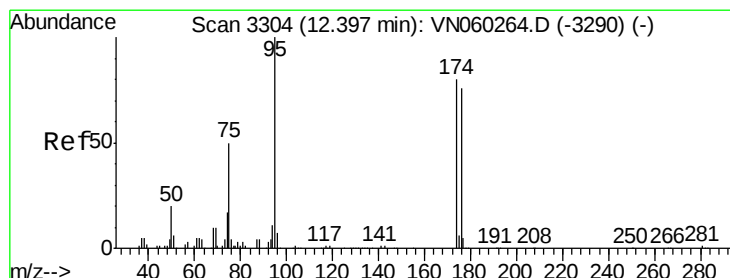
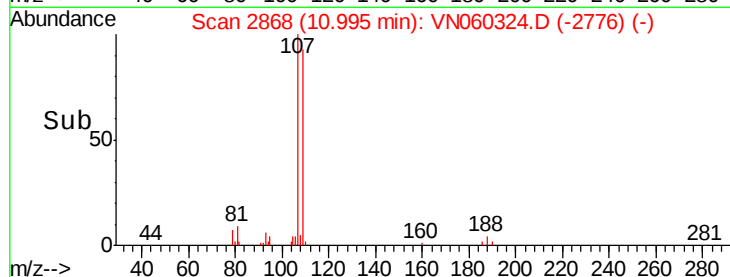
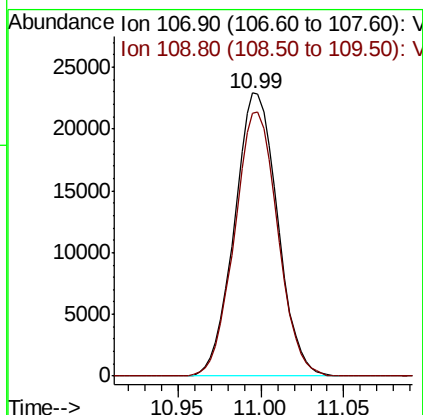
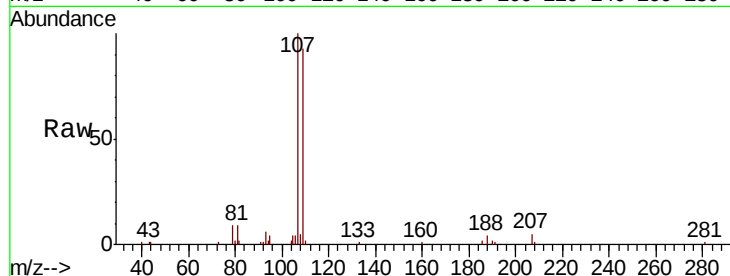




#61
 1,2-Dibromoethane
 Concen: 18.518 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

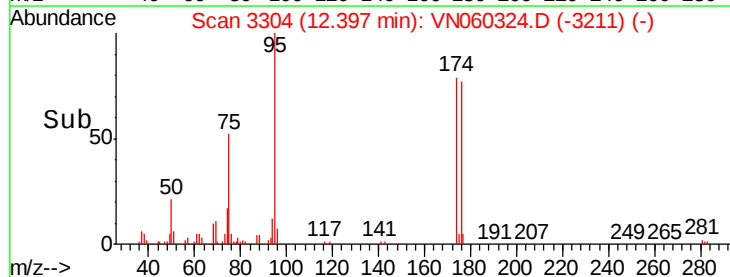
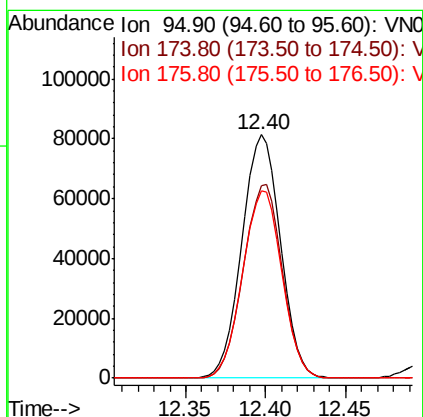
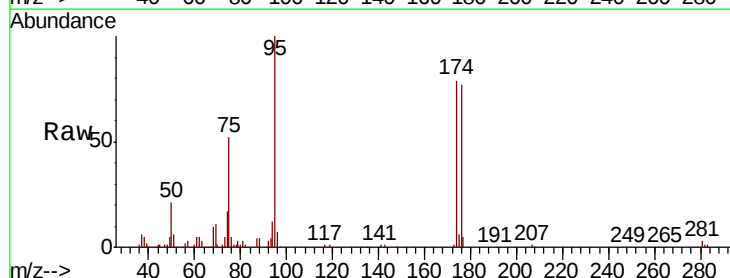
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:107 Resp: 41453
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 45.889 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion: 95 Resp: 133919
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 159.2
 176 78.5 0.0 153.8

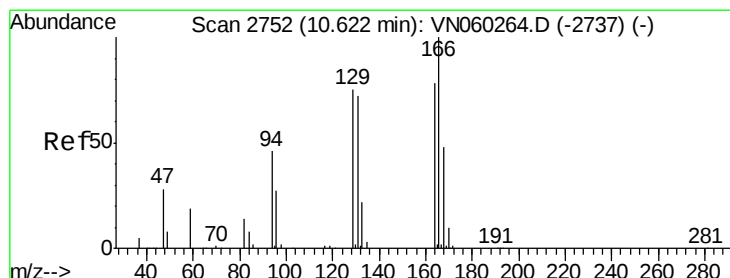
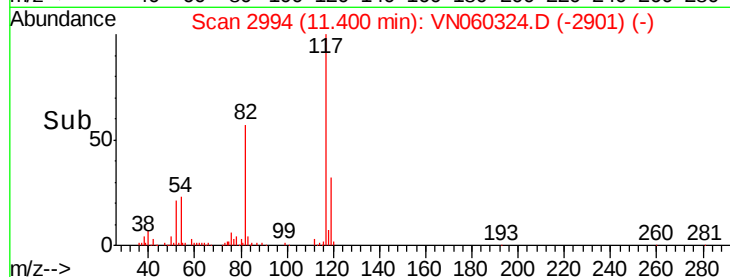
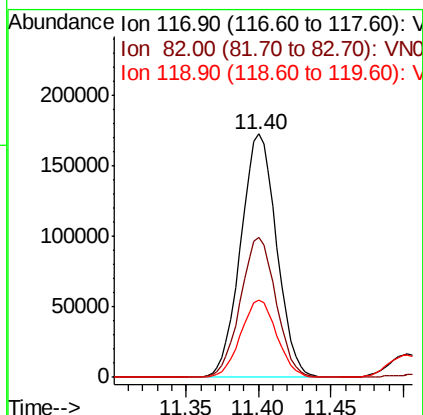
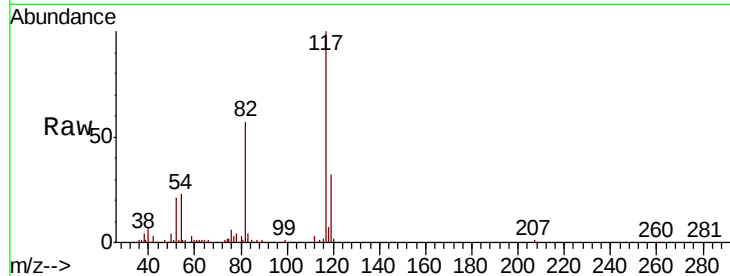




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

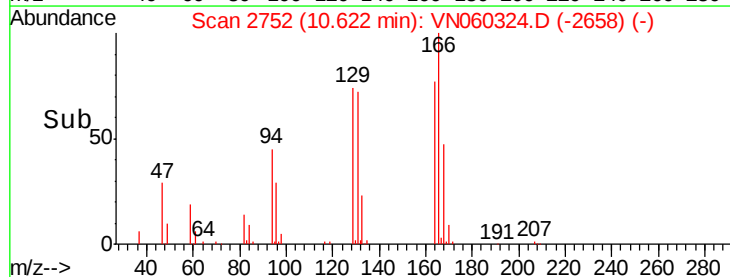
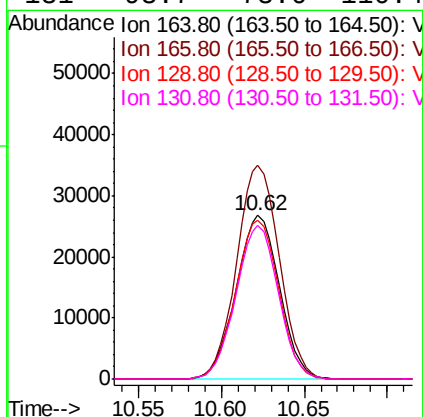
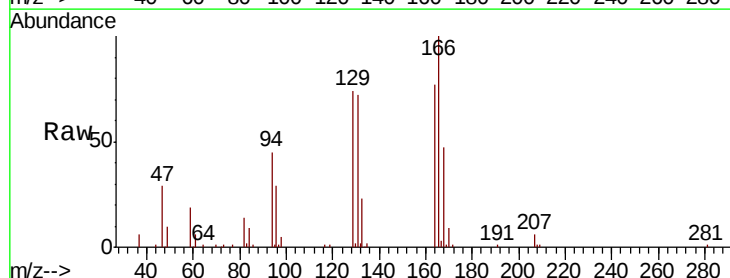
Instrument :
MSVOA_N
ClientSampled :

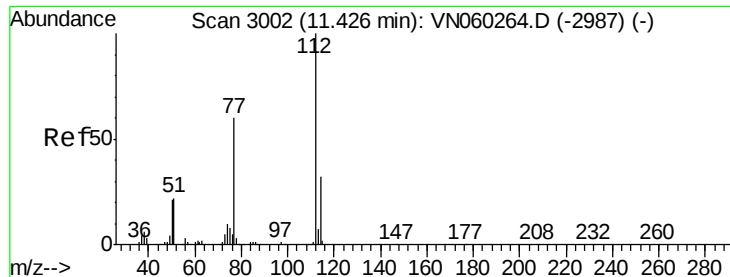
Tot Ion:117 Resp: 298004
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 19.972 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion:164 Resp: 48855
Ion Ratio Lower Upper
164 100
166 130.7 102.0 153.0
129 97.1 76.4 114.6
131 93.7 73.6 110.4

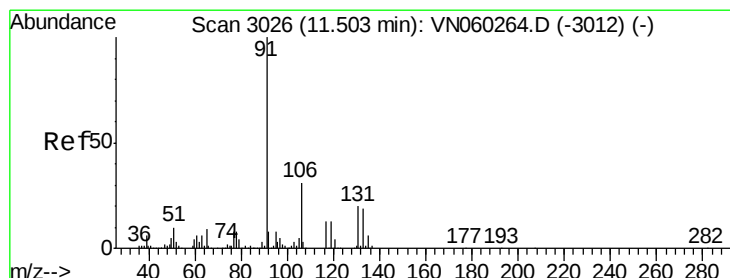
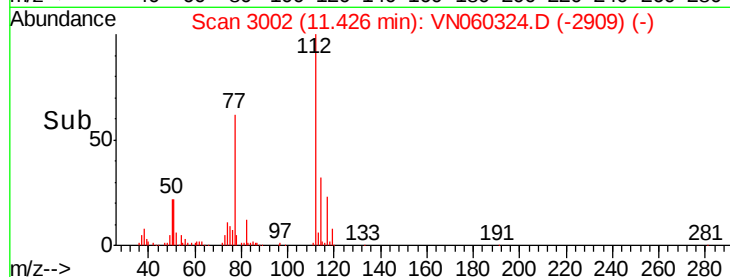
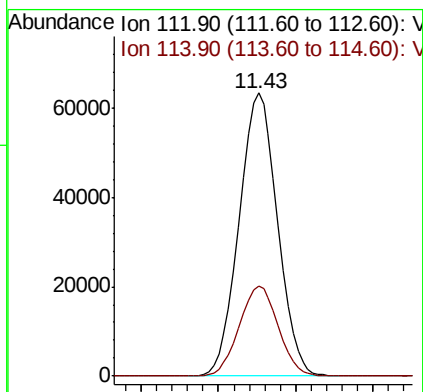
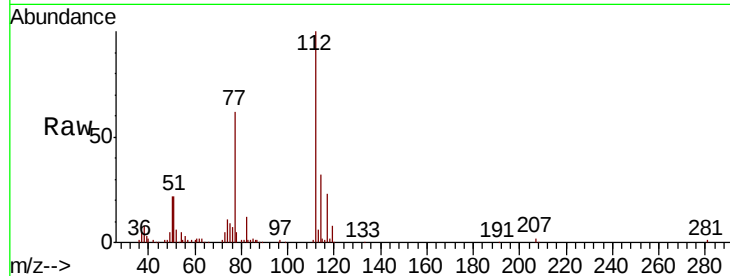




#65
Chlorobenzene
Concen: 18.145 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

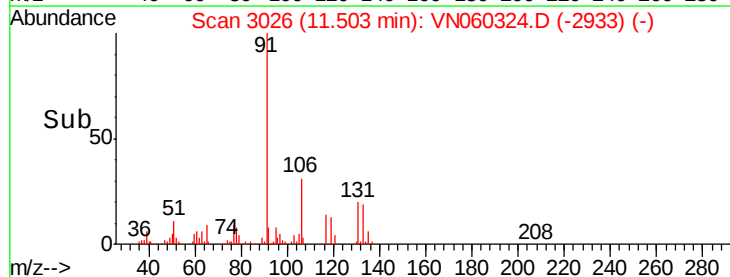
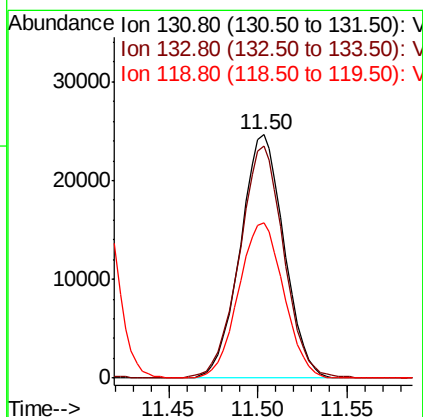
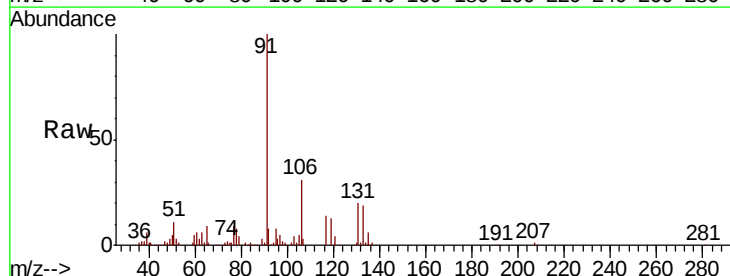
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 109188
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.999 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion:131 Resp: 42272
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 65.8 33.2 99.6





#67

Ethyl Benzene

Concen: 18.532 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

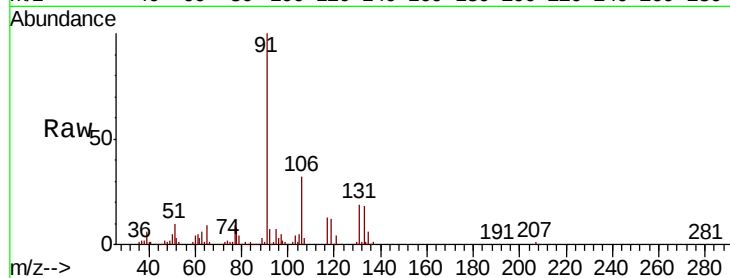
ClientSampleId :

Tot Ion: 91 Resp: 203084

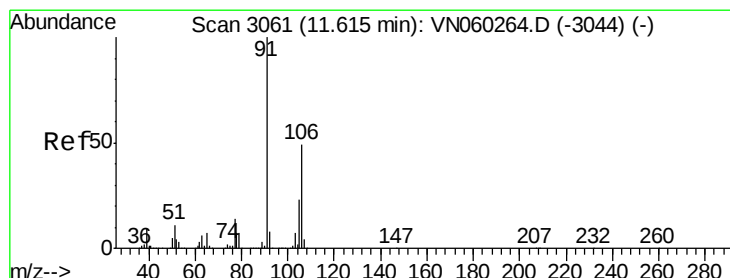
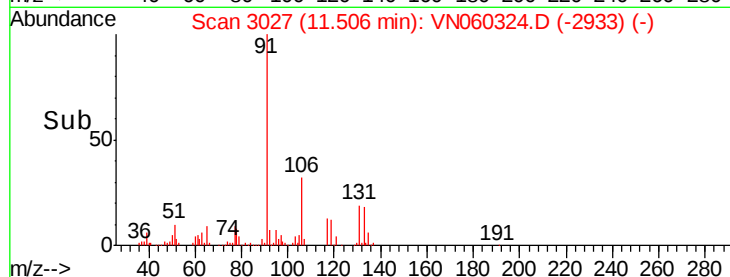
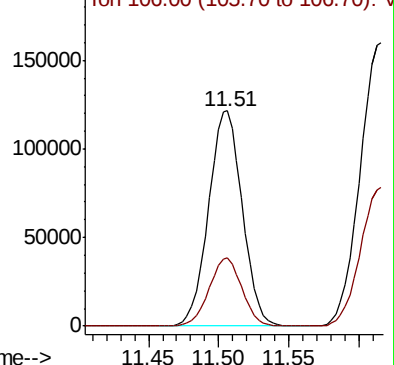
Ion Ratio Lower Upper

91 100

106 31.5 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN060324.D (-2933) (-)



#68

m/p-Xylenes

Concen: 36.337 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060324.D

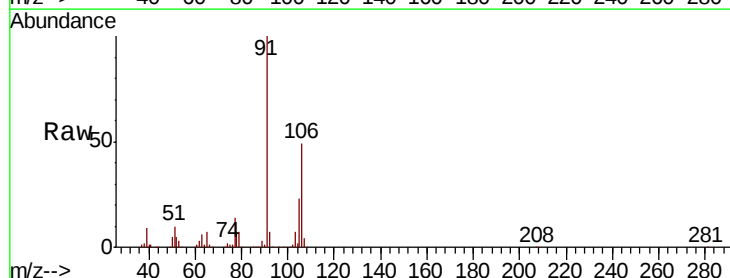
Acq: 3 Mar 2020 13:11

Tgt Ion: 106 Resp: 150233

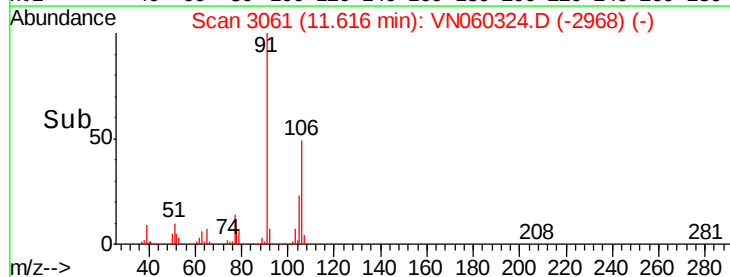
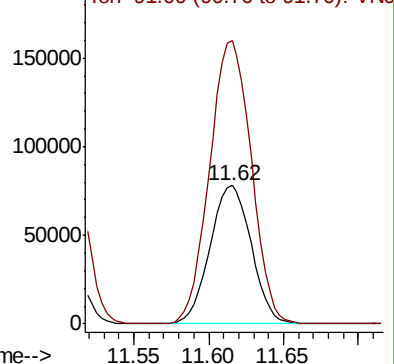
Ion Ratio Lower Upper

106 100

91 206.5 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060324.D (-2968) (-)

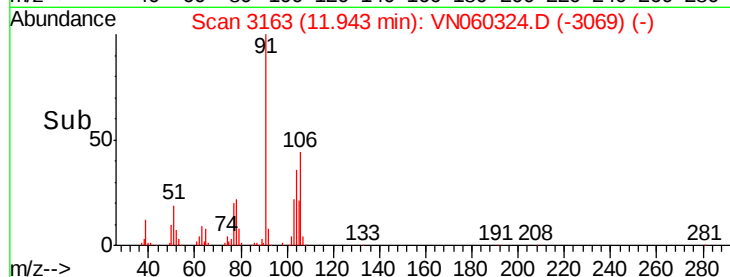
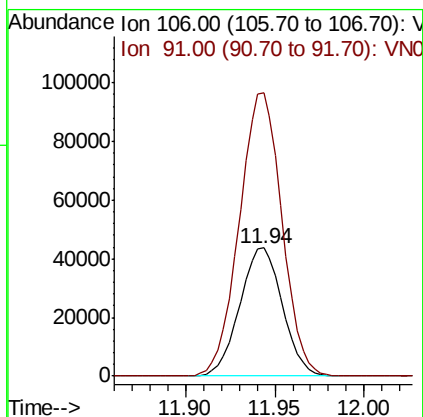
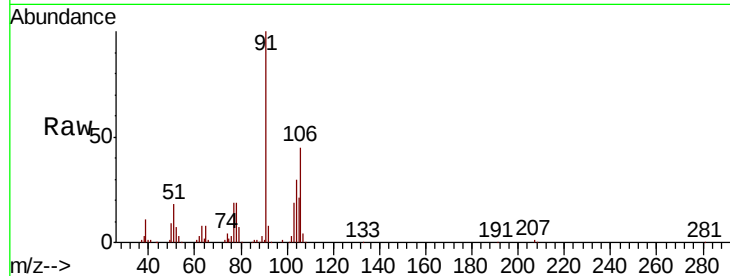




#69
o-Xylene
Concen: 18.495 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

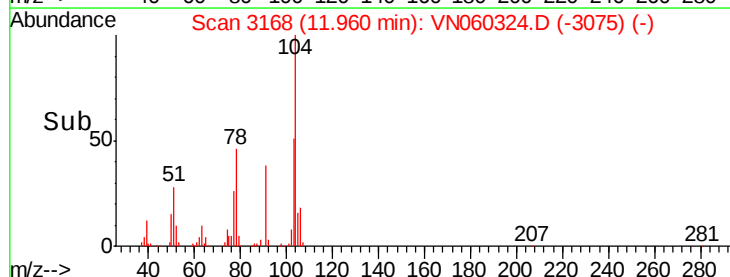
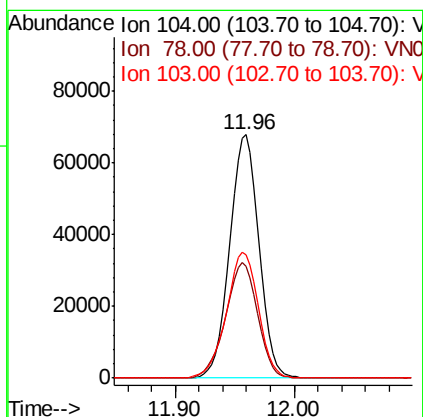
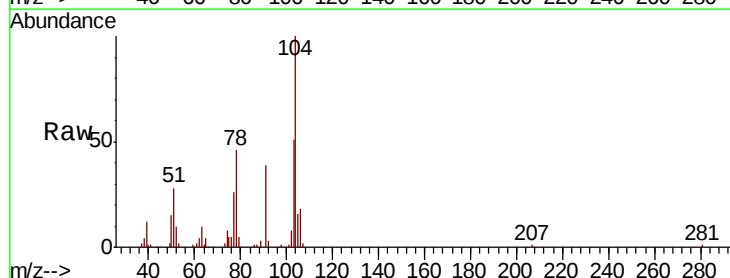
Instrument :
MSVOA_N
ClientSampled :

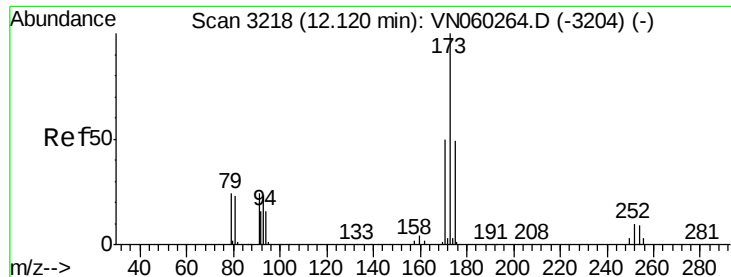
Tot Ion:106 Resp: 72919
Ion Ratio Lower Upper
106 100
91 220.4 109.5 328.4



#70
Styrene
Concen: 17.862 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion:104 Resp: 115781
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 56.5 43.9 65.9

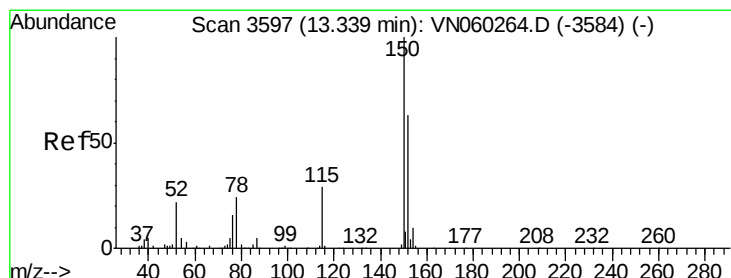
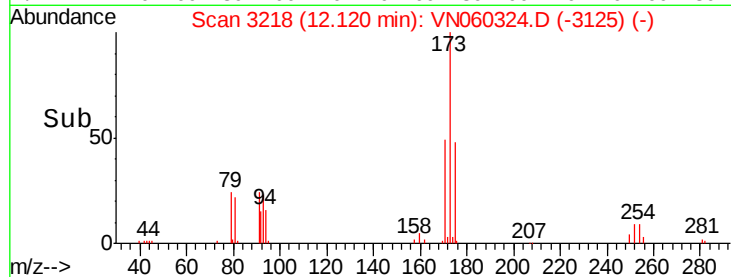
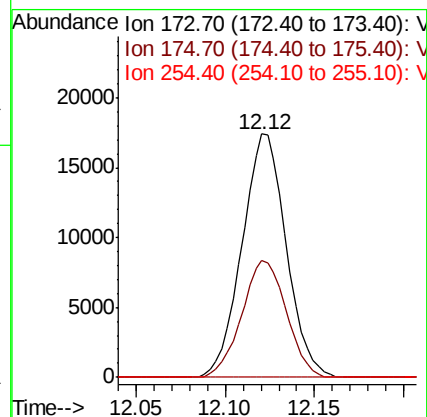
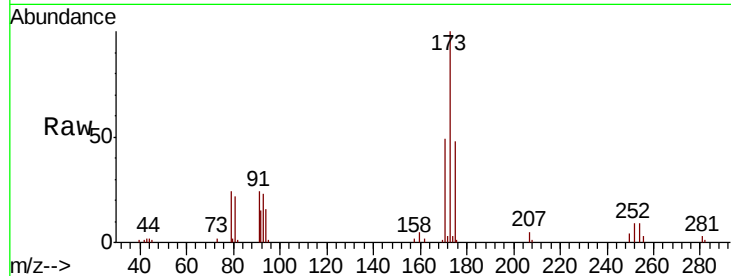




#71
Bromoform
Concen: 18.706 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

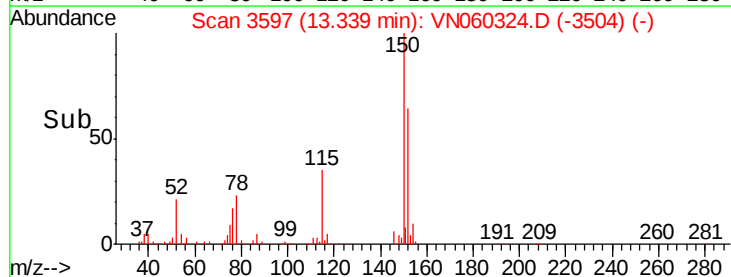
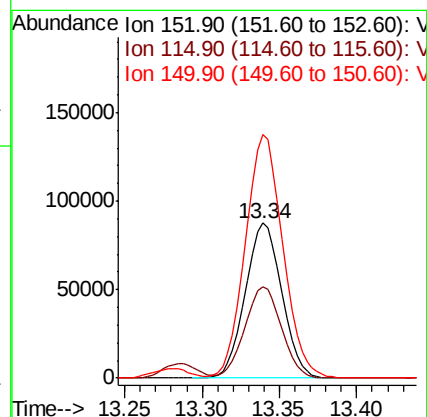
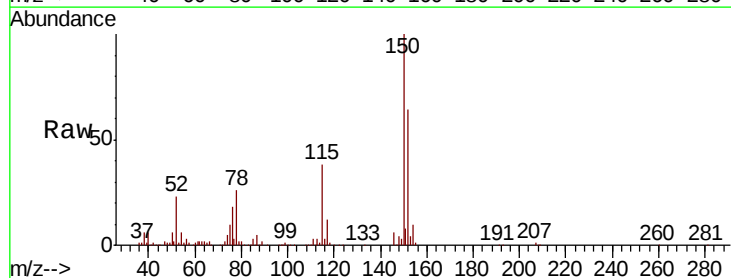
Instrument :
MSVOA_N
ClientSampled :

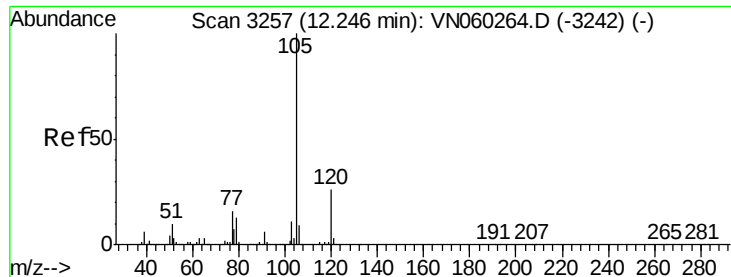
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.2
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.0	90.0
150	162.1	0.0	349.6





#73

Isopropylbenzene

Concen: 18.725 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

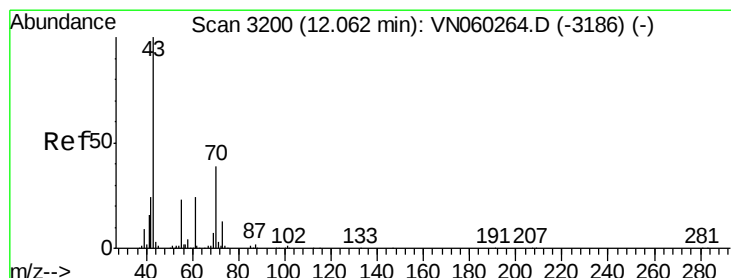
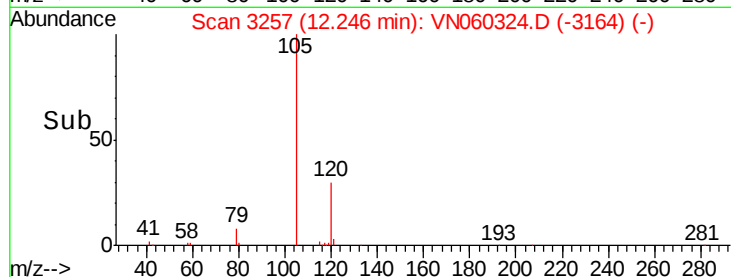
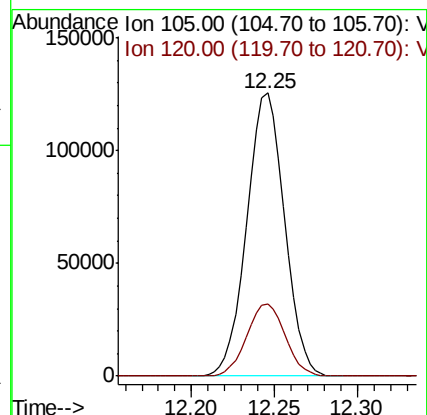
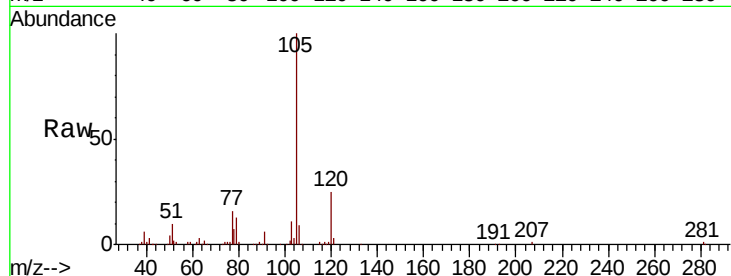
ClientSampled :

Tot Ion: 105 Resp: 199445

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 18.000 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Tgt Ion: 43 Resp: 83778

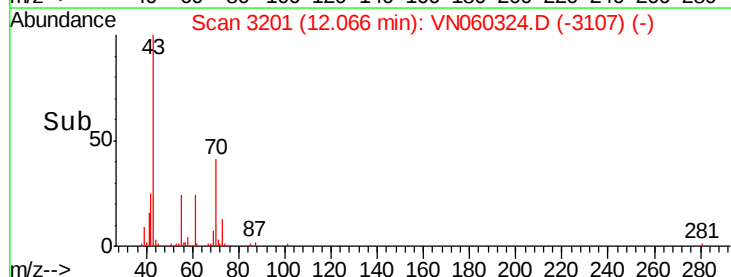
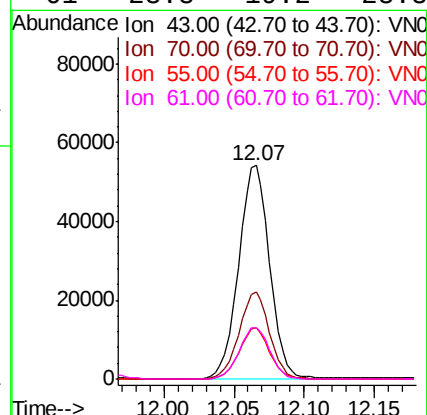
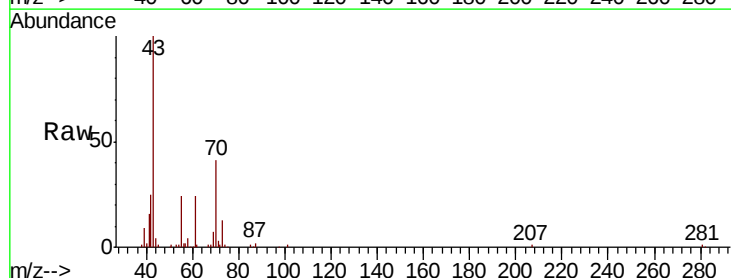
Ion Ratio Lower Upper

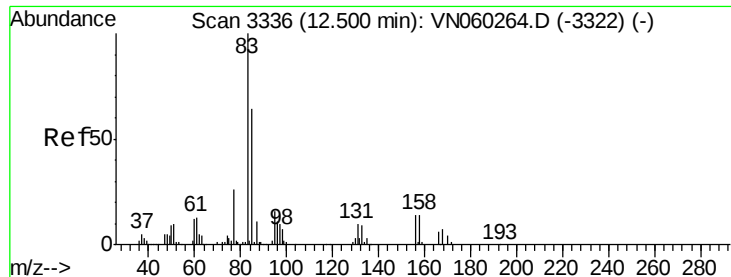
43 100

70 39.7 32.2 48.2

55 23.3 18.2 27.4

61 23.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.001 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

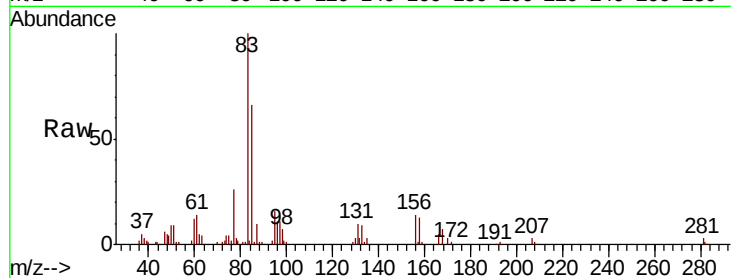
Tot Ion: 83 Resp: 55013

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 65.3 32.3 96.8

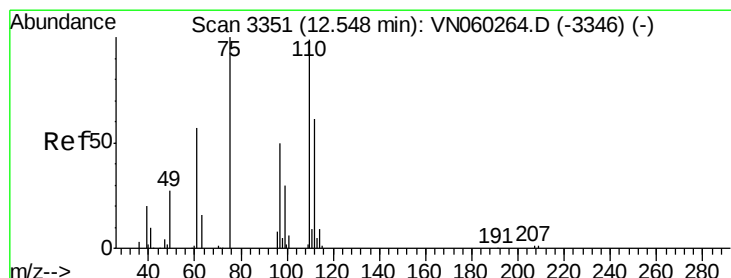
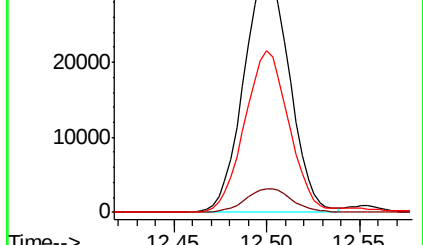
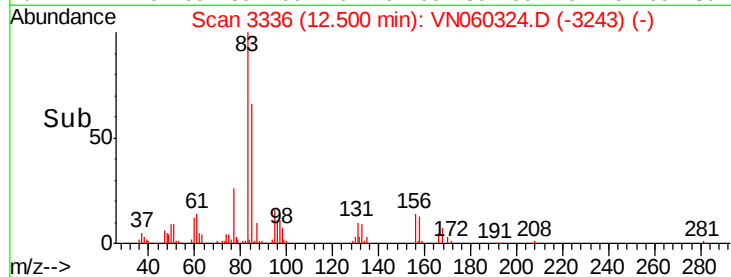


Abundance Ion 82.90 (82.60 to 83.60): VN060324.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060324.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060324.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.728 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060324.D

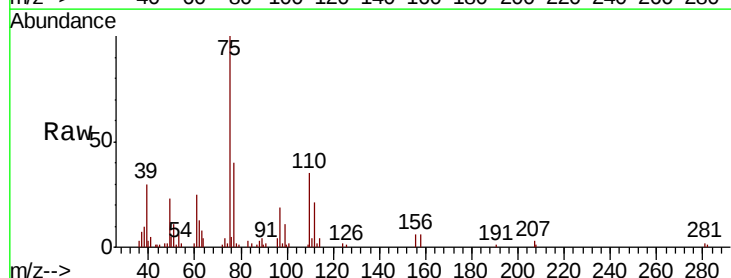
Acq: 3 Mar 2020 13:11

Tgt Ion: 75 Resp: 77963

Ion Ratio Lower Upper

75 100

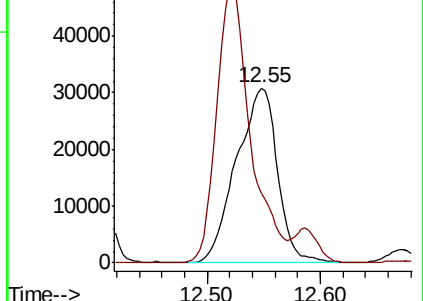
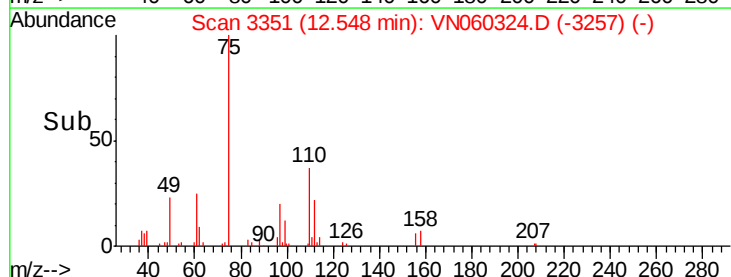
77 0.0 0.0 0.0

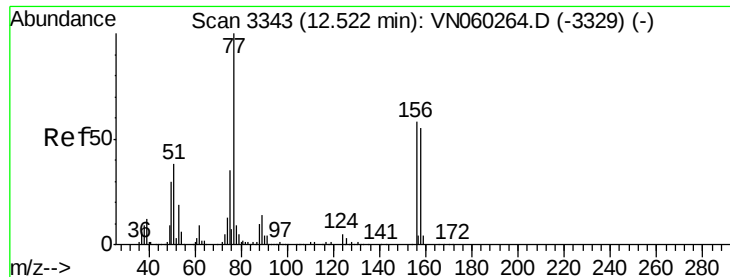


Abundance Ion 74.90 (74.60 to 75.60): VN060324.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060324.D (-3346) (-)

Time-->





#77

Bromobenzene

Concen: 18.273 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampled :

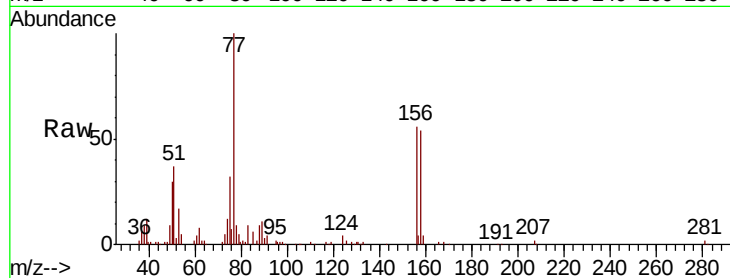
Tot Ion:156 Resp: 47707

Ion Ratio Lower Upper

156 100

77 212.9 106.1 318.3

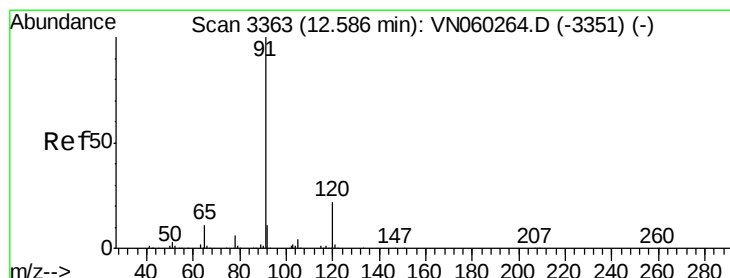
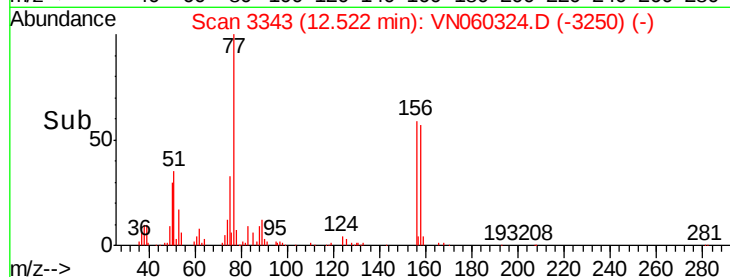
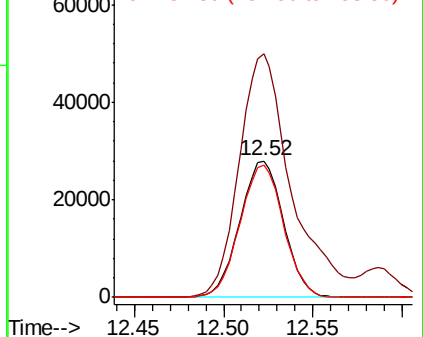
158 97.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.415 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060324.D

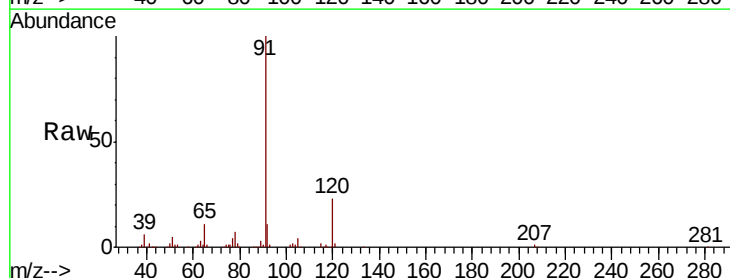
Acq: 3 Mar 2020 13:11

Tgt Ion: 91 Resp: 229906

Ion Ratio Lower Upper

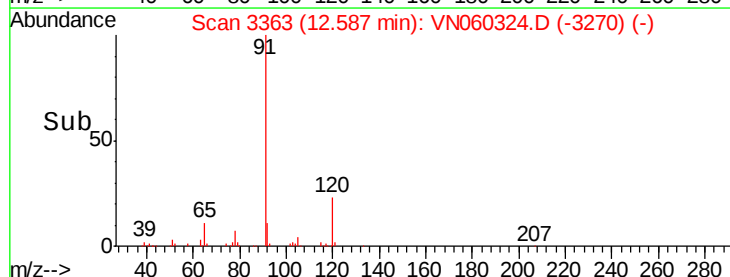
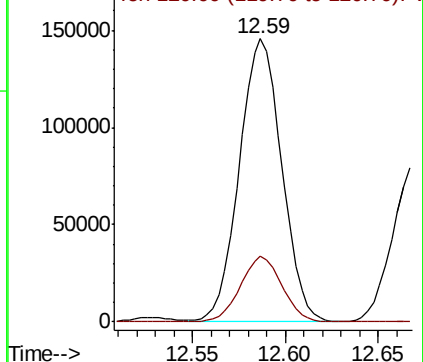
91 100

120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.499 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

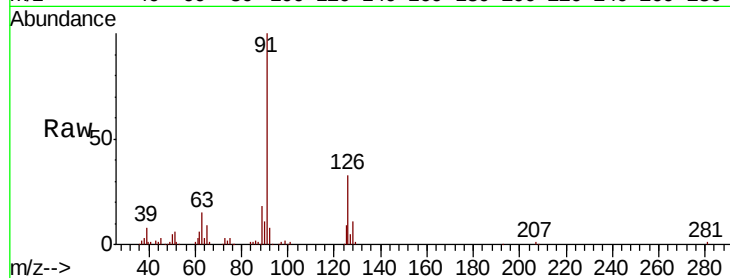
ClientSampled :

Tot Ion: 91 Resp: 135766

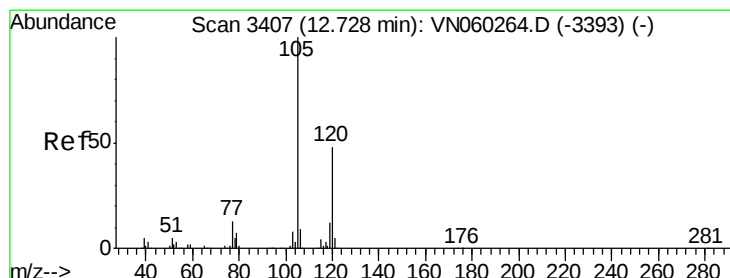
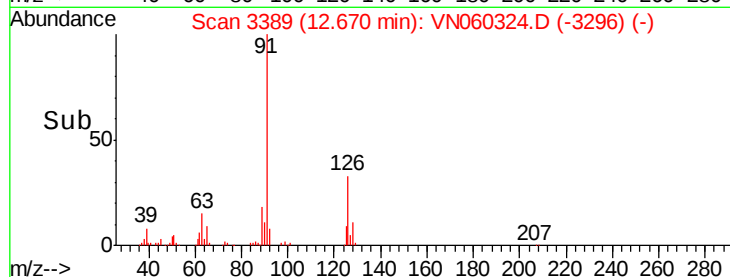
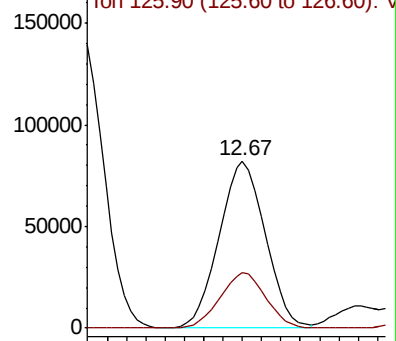
Ion Ratio Lower Upper

91 100

126 33.0 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060324.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.552 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060324.D

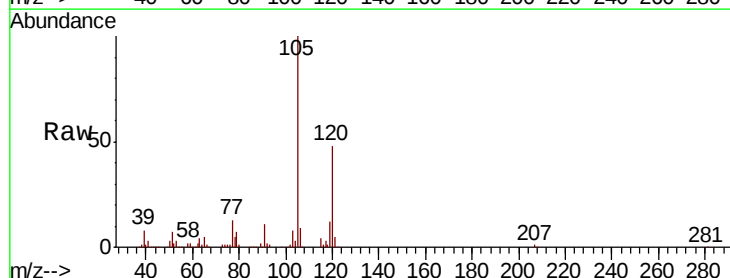
Acq: 3 Mar 2020 13:11

Tgt Ion: 105 Resp: 166371

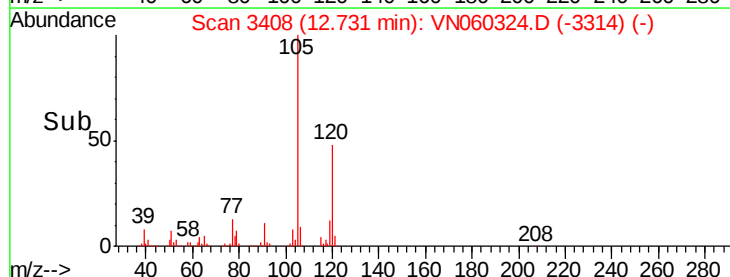
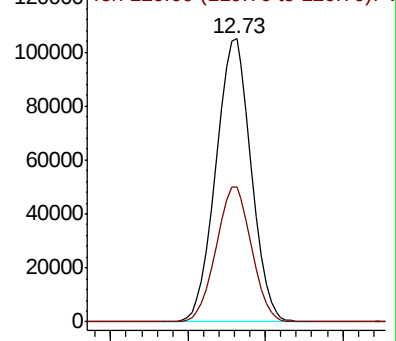
Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060324.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.893 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampled :

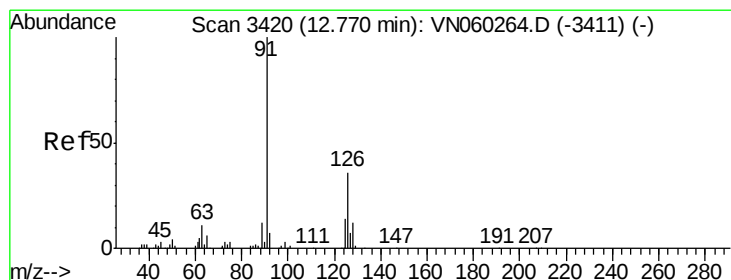
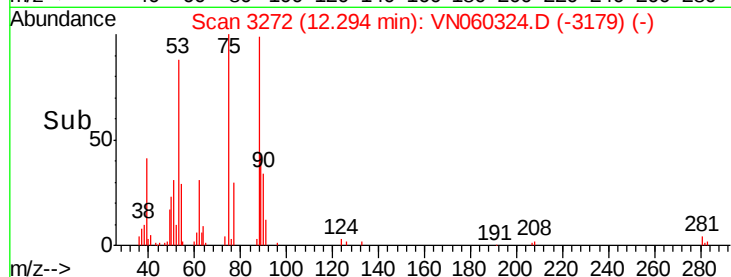
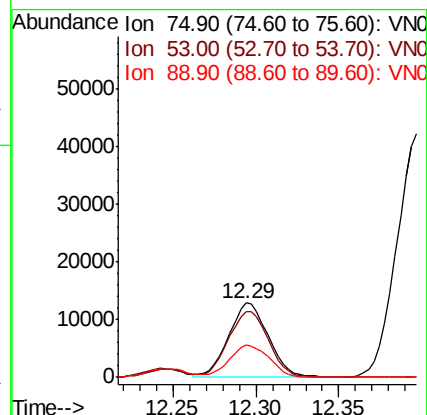
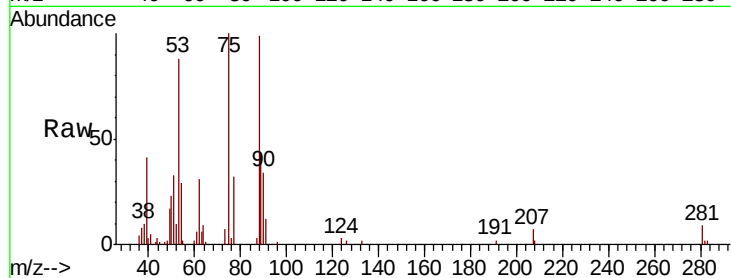
Tot Ion: 75 Resp: 21578

Ion Ratio Lower Upper

75 100

53 89.2 73.8 110.6

89 43.1 57.1 85.7#



#82

4-Chlorotoluene

Concen: 17.906 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060324.D

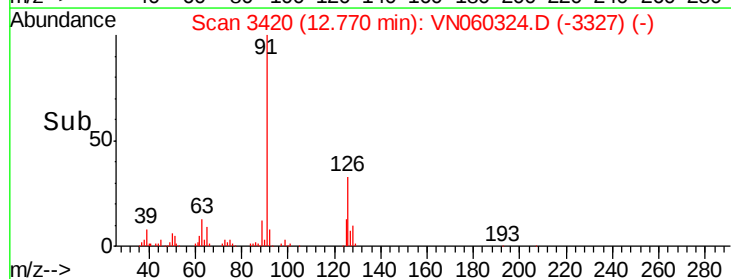
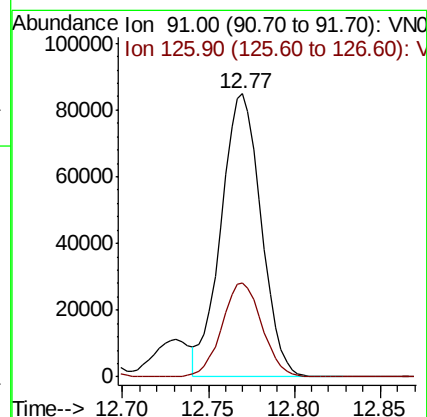
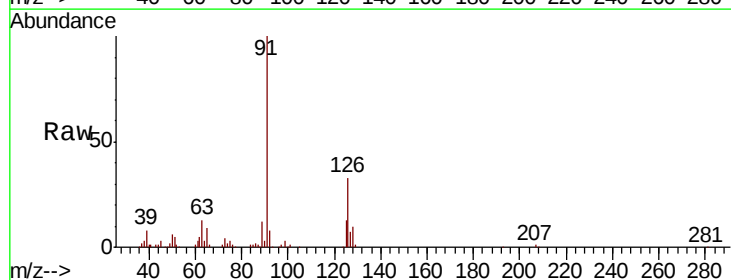
Acq: 3 Mar 2020 13:11

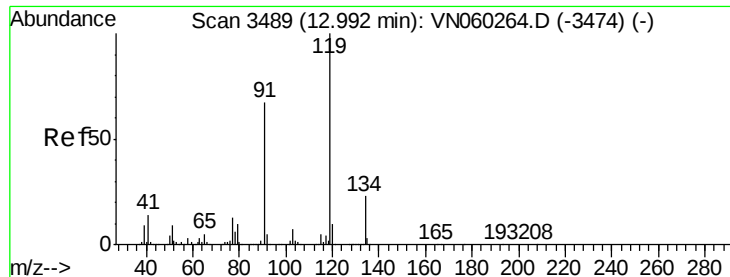
Tgt Ion: 91 Resp: 138450

Ion Ratio Lower Upper

91 100

126 33.1 16.7 50.1

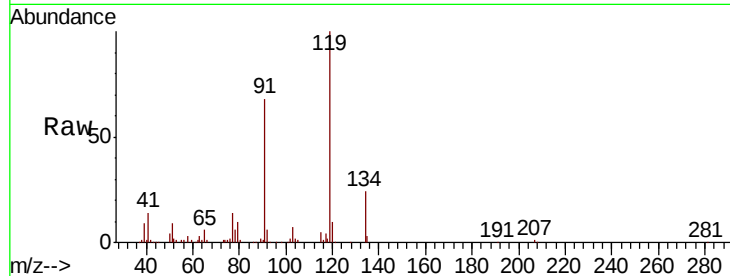




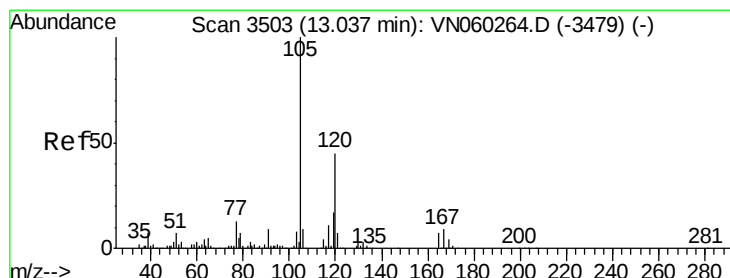
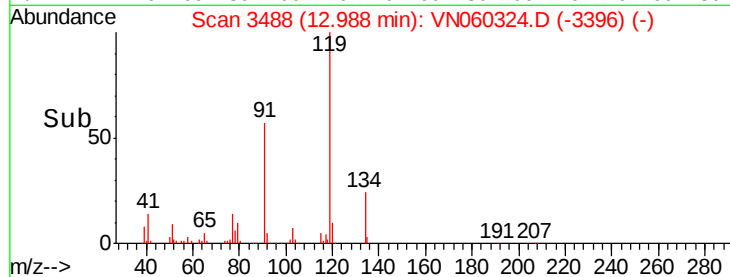
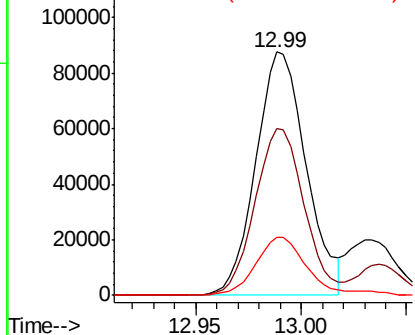
#83
tert-Butylbenzene
Concen: 18.769 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 145726
Ion Ratio Lower Upper
119 100
91 67.1 33.1 99.2
134 24.7 12.4 37.0

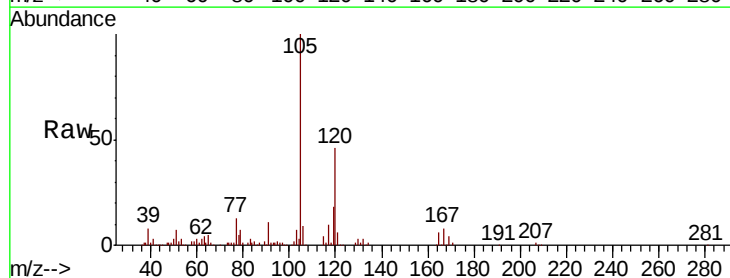


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

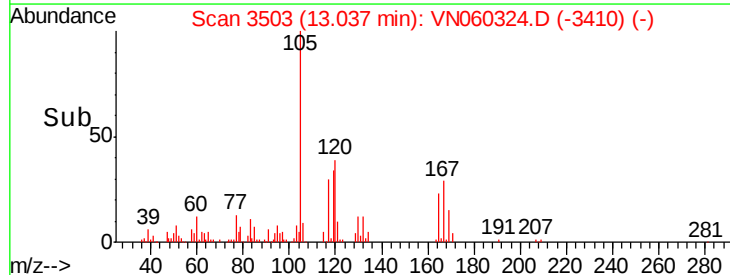
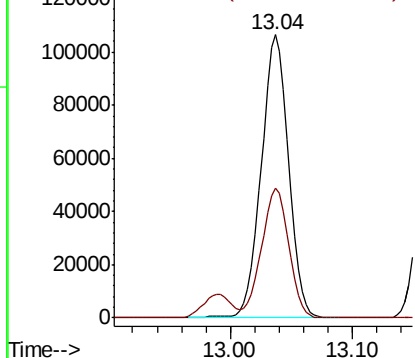


#84
1,2,4-Trimethylbenzene
Concen: 18.258 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion:105 Resp: 165260
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9



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





#85

sec-Butylbenzene

Concen: 18.551 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

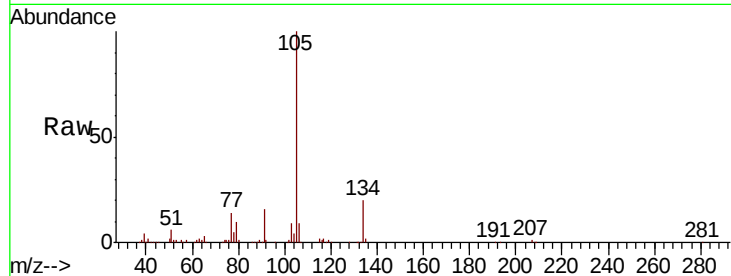
ClientSampled :

Tot Ion:105 Resp: 192882

Ion Ratio Lower Upper

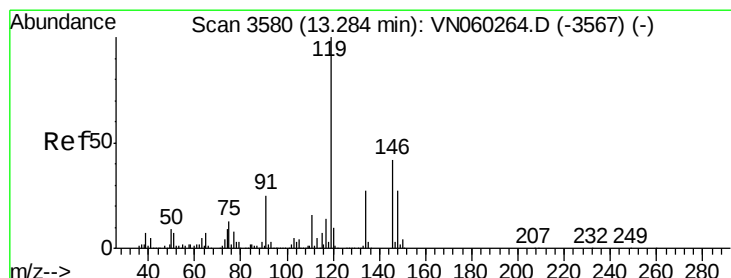
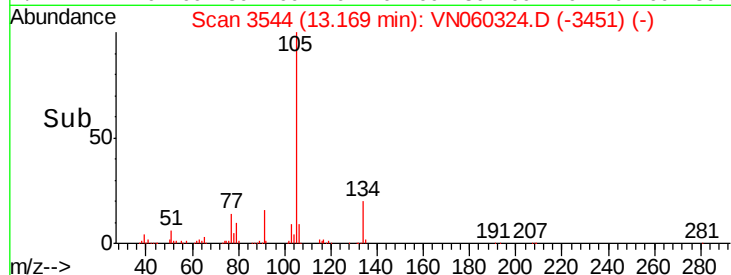
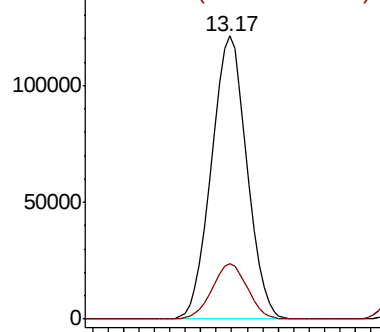
105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.243 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

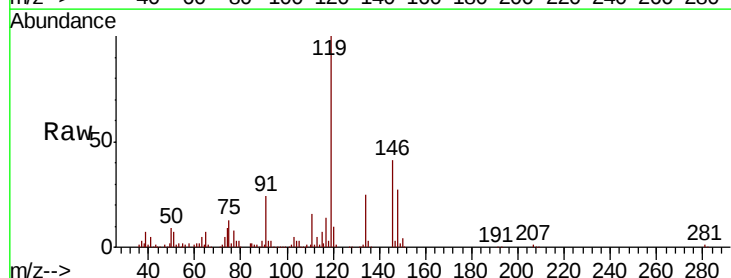
Tgt Ion:119 Resp: 175553

Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.6

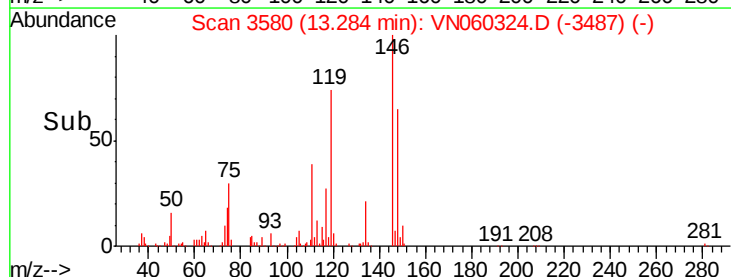
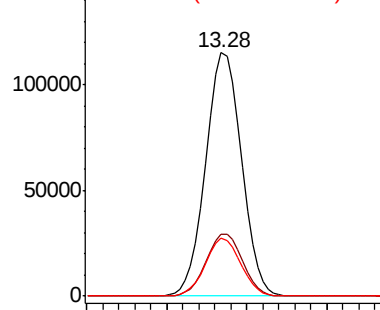
91 23.6 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

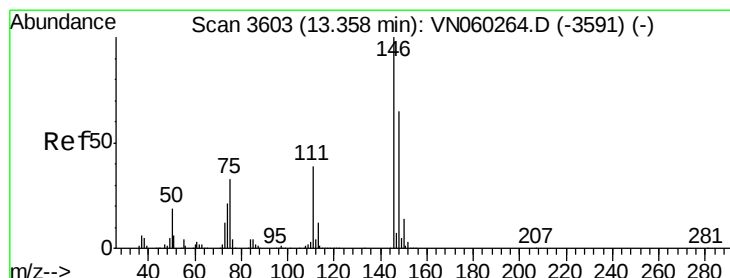
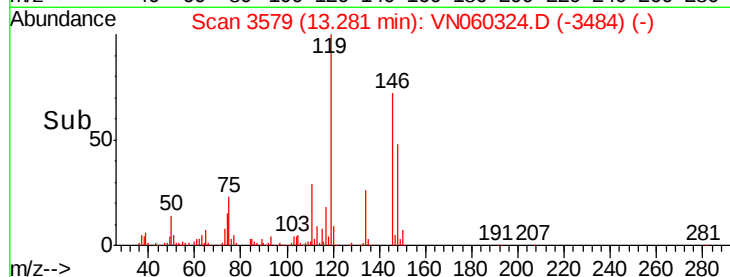
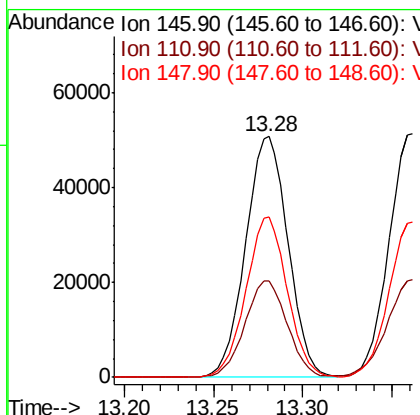
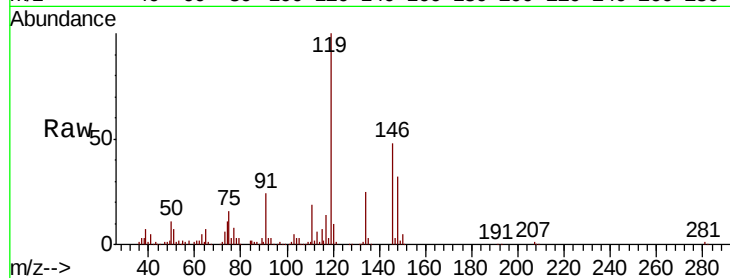




#87
 1,3-Dichlorobenzene
 Concen: 18.716 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

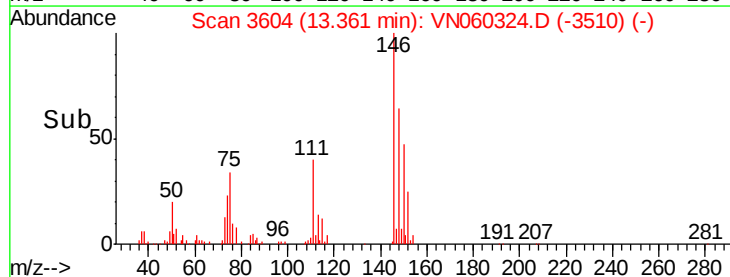
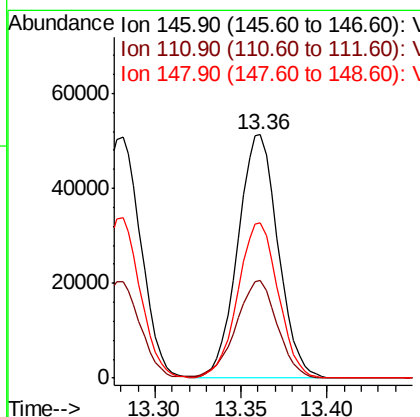
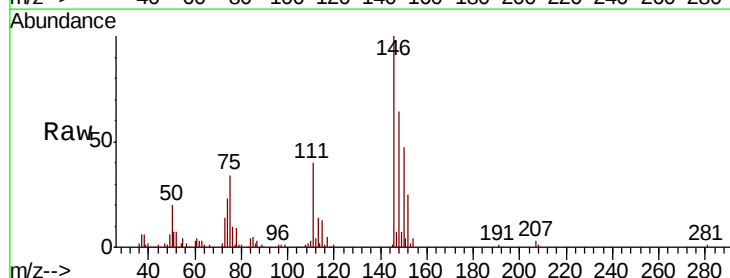
Instrument :
 MSVOA_N
 ClientSampled :

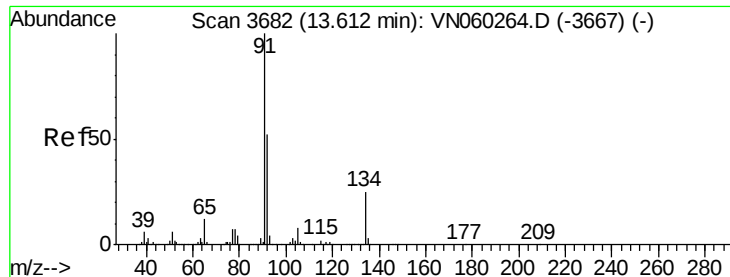
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	64.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.552 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.8	59.4
148	63.7	32.3	96.9

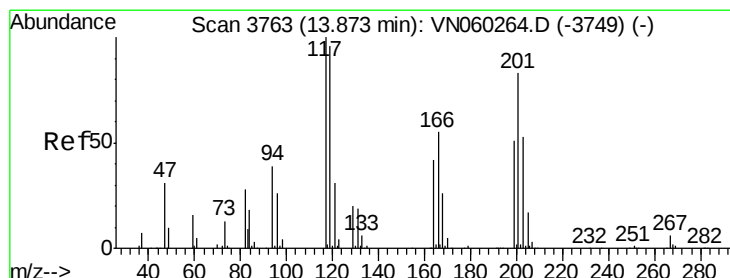
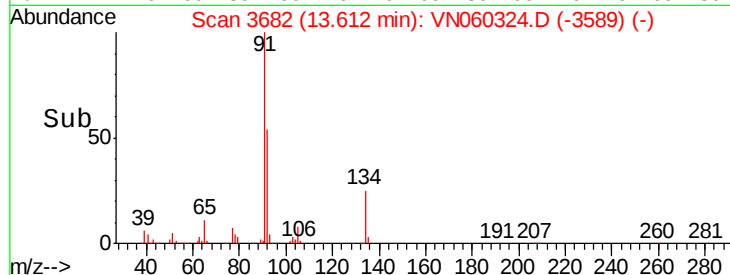
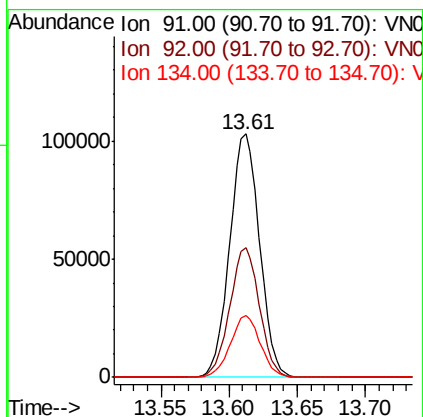
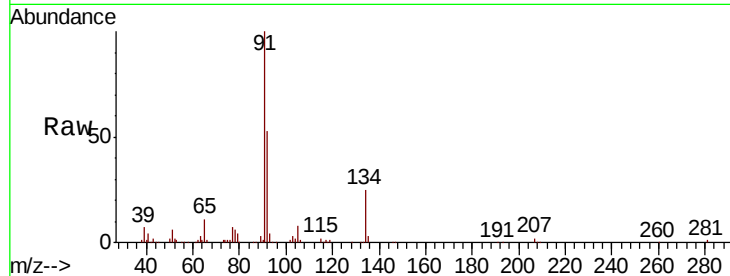




#89
n-Butylbenzene
Concen: 17.755 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

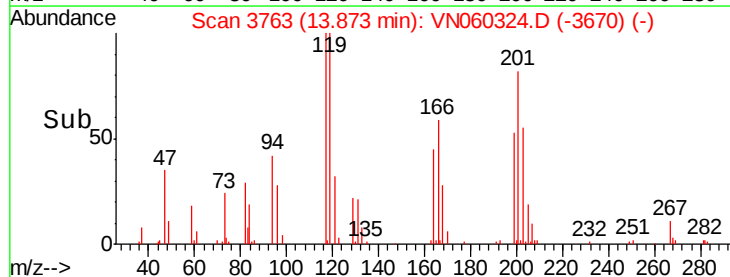
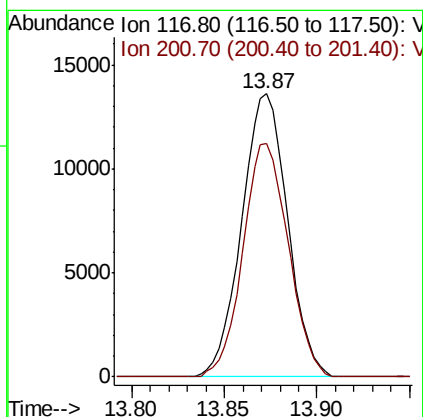
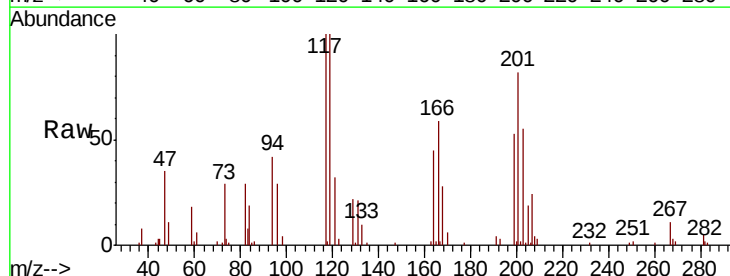
Instrument :
MSVOA_N
ClientSampleId :

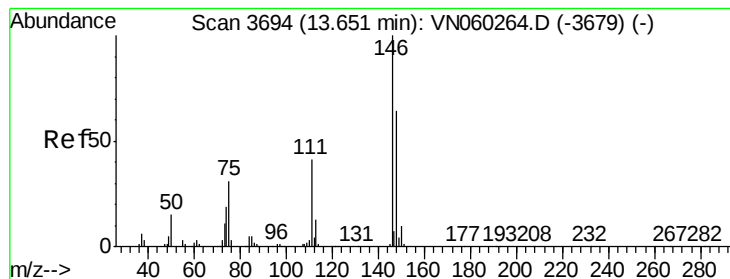
Tot Ion: 91 Resp: 156847
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 25.2 12.7 38.1



#90
Hexachloroethane
Concen: 16.773 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060324.D
Acq: 3 Mar 2020 13:11

Tgt Ion: 117 Resp: 23363
Ion Ratio Lower Upper
117 100
201 81.5 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 18.098 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

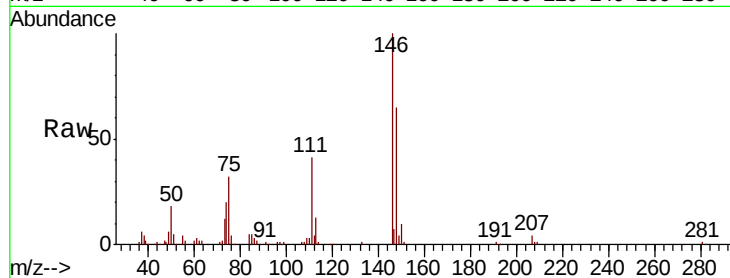
Tot Ion:146 Resp: 82795

Ion Ratio Lower Upper

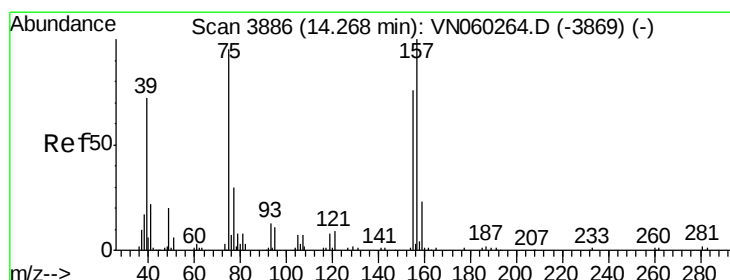
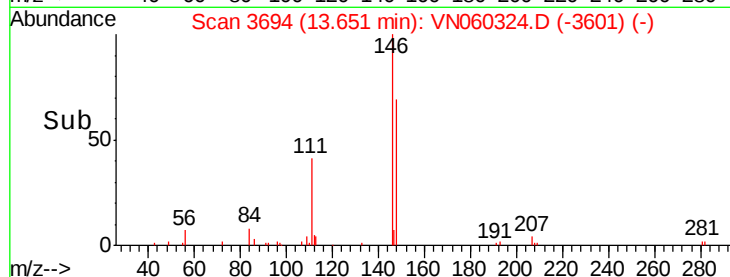
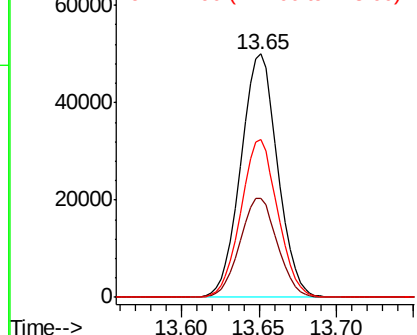
146 100

111 41.4 20.3 61.0

148 64.7 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.143 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

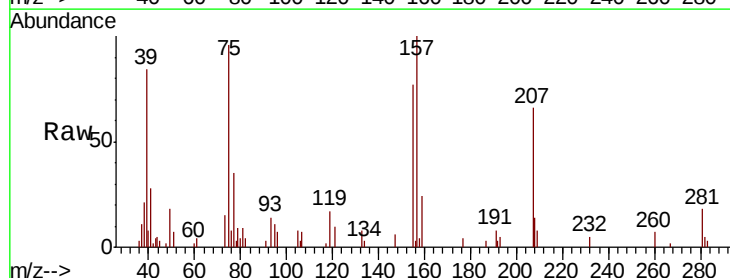
Tgt Ion: 75 Resp: 11895

Ion Ratio Lower Upper

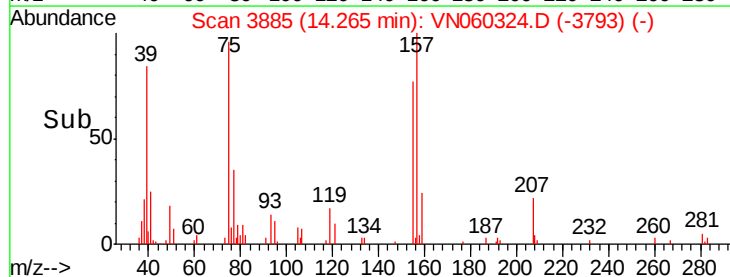
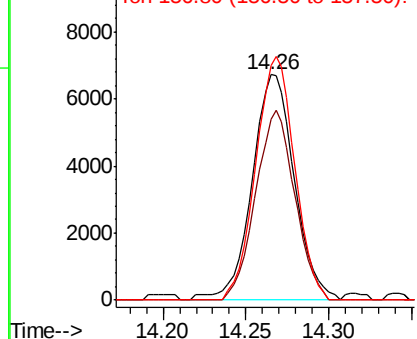
75 100

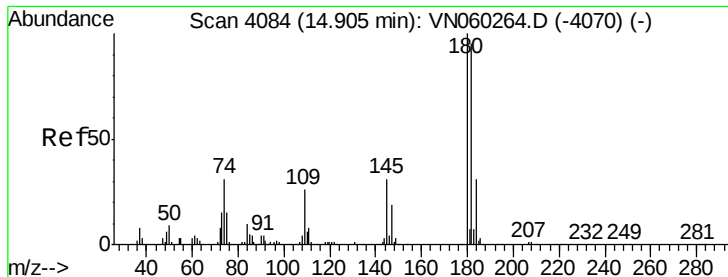
155 78.3 40.4 121.2

157 99.5 52.5 157.5



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

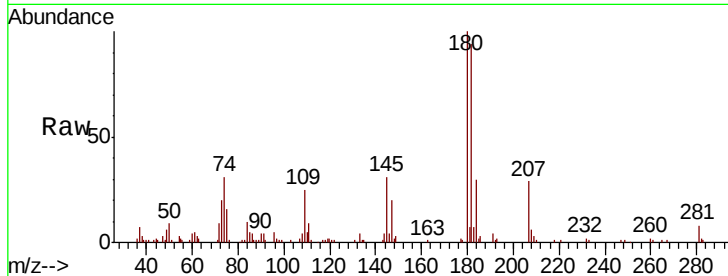




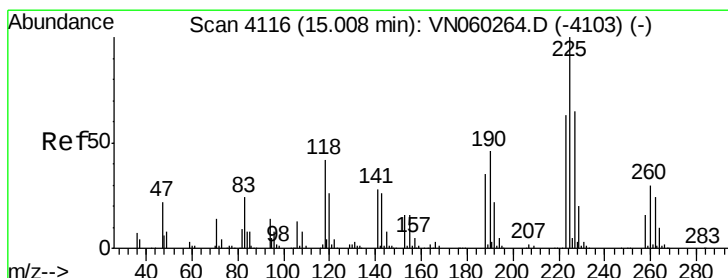
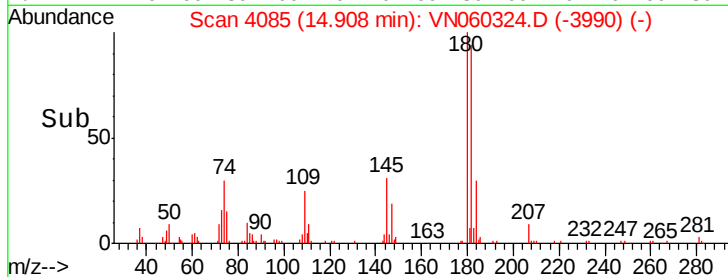
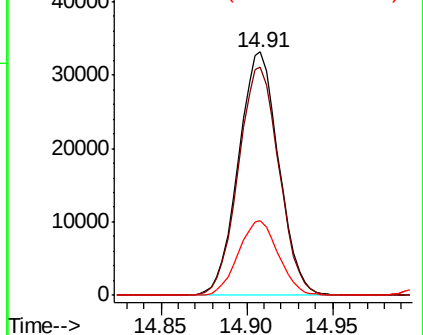
#93
 1,2,4-Trichlorobenzene
 Concen: 18.618 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 53961
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 30.5 15.4 46.1

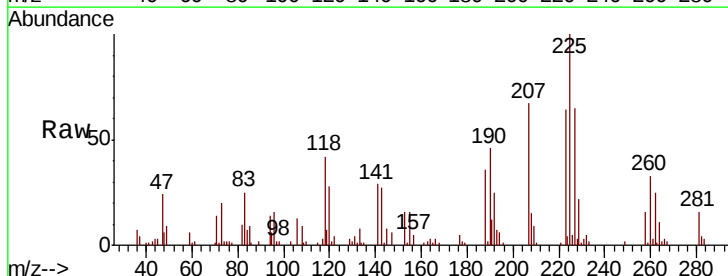


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

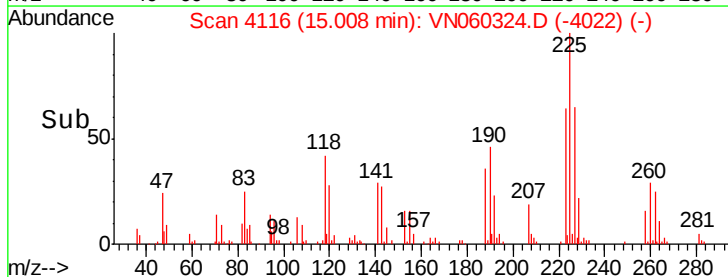
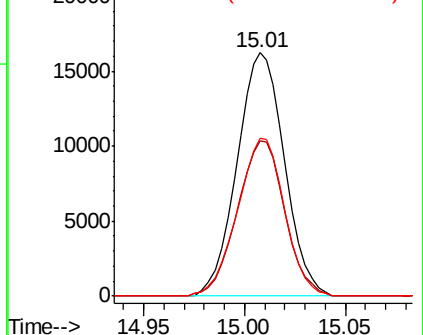


#94
 Hexachlorobutadiene
 Concen: 19.591 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060324.D
 Acq: 3 Mar 2020 13:11

Tgt Ion:225 Resp: 26644
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.3 93.9
 227 64.3 32.3 96.9



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





#95

Naphthalene

Concen: 17.780 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

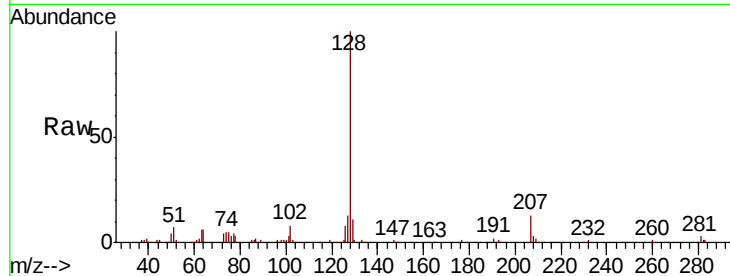
Tot Ion:128 Resp: 153736

Ion Ratio Lower Upper

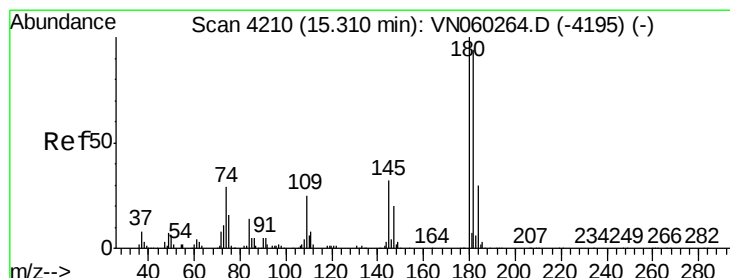
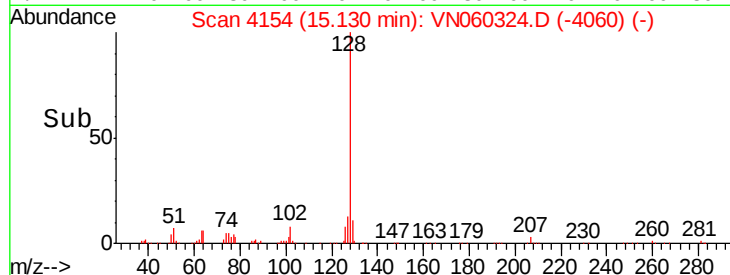
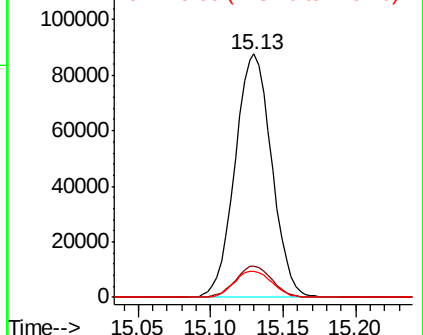
128 100

127 12.7 10.4 15.6

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.505 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060324.D

Acq: 3 Mar 2020 13:11

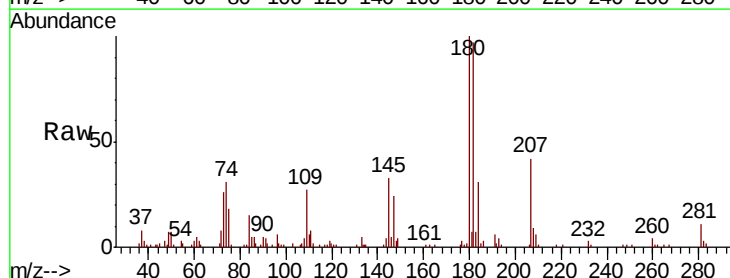
Tgt Ion:180 Resp: 50974

Ion Ratio Lower Upper

180 100

182 96.1 47.3 142.0

145 33.4 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

