

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060319.D
 Acq On : 3 Mar 2020 11:06
 Operator : JC/MD
 Sample : VN0303WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 04 01:11:41 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	206886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147124	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	128143	48.28	ug/l	0.00
Spiked Amount						
			Recovery	=	96.56%	
35) Dibromofluoromethane	7.57	113	83587	54.02	ug/l	0.00
Spiked Amount						
			Recovery	=	108.04%	
50) Toluene-d8	10.08	98	375115	47.90	ug/l	0.00
Spiked Amount						
			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	141172	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	32426	17.095	ug/l	98
3) Chloromethane	2.04	50	58567	17.734	ug/l	98
4) Vinyl Chloride	2.16	62	47820	16.884	ug/l	98
5) Bromomethane	2.54	94	17530	13.629	ug/l	95
6) Chloroethane	2.69	64	25468	16.597	ug/l	96
7) Trichlorofluoromethane	3.00	101	61733	17.060	ug/l	98
8) Diethyl Ether	3.38	74	23947	17.528	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35397	17.285	ug/l	99
10) Methyl Iodide	3.93	142	31210	16.699	ug/l	98
11) Tert butyl alcohol	4.73	59	35680	90.526	ug/l	99
12) 1,1-Dichloroethene	3.72	96	34547	17.331	ug/l	98
13) Acrolein	3.58	56	31422	85.456	ug/l	98
14) Allyl chloride	4.29	41	65872	17.975	ug/l	97
15) Acrylonitrile	4.94	53	96008	92.415	ug/l	99
16) Acetone	3.78	43	77143	89.996	ug/l	100
17) Carbon Disulfide	4.03	76	92115	16.999	ug/l	100
18) Methyl Acetate	4.29	43	47367	16.559	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	131690	18.249	ug/l	99
20) Methylene Chloride	4.52	84	40842	17.349	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	39052	18.015	ug/l	98
22) Diisopropyl ether	5.92	45	136928	18.446	ug/l	97
23) Vinyl Acetate	5.86	43	545101	92.410	ug/l	99
24) 1,1-Dichloroethane	5.81	63	76225	18.140	ug/l	100
25) 2-Butanone	6.80	43	128158	92.563	ug/l	100
26) 2,2-Dichloropropane	6.80	77	68819	17.990	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	46586	17.066	ug/l	99
28) Bromochloromethane	7.17	49	31336	18.163	ug/l	99
29) Tetrahydrofuran	7.18	42	87532	90.915	ug/l	100
30) Chloroform	7.35	83	77256	18.469	ug/l	99
31) Cyclohexane	7.63	56	68510	18.254	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	66553	17.957	ug/l	99
36) 1,1-Dichloropropene	7.77	75	56099	17.656	ug/l	99
37) Ethyl Acetate	6.90	43	58212	19.349	ug/l	99
38) Carbon Tetrachloride	7.75	117	54883	17.742	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	66581	17.773	ug/l	97
40) Benzene	8.02	78	167787	18.144	ug/l	100
41) Methacrylonitrile	7.14	41	21205	15.265	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	62050	18.594	ug/l	99
43) Isopropyl Acetate	8.14	43	100454	19.073	ug/l	99
44) Trichloroethene	8.82	130	45075	17.501	ug/l	97
45) 1,2-Dichloropropane	9.10	63	46057	19.049	ug/l	98
46) Dibromomethane	9.19	93	28134	17.933	ug/l	98
47) Bromodichloromethane	9.39	83	59387	18.612	ug/l	99
48) Methyl methacrylate	9.18	41	42851	17.841	ug/l	97
49) 1,4-Dioxane	9.18	88	12667	375.037	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	281386	94.228	ug/l	100
52) Toluene	10.14	92	103516	17.820	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	69296	17.724	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	73399	18.117	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	42124	18.032	ug/l	98
56) Ethyl methacrylate	10.42	69	61295	18.264	ug/l	99
57) 1,3-Dichloropropane	10.70	76	70946	18.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	154385	87.955	ug/l	99
59) 2-Hexanone	10.74	43	203647	92.881	ug/l	100
60) Dibromochloromethane	10.89	129	43350	18.247	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41533	18.238	ug/l	96
64) Tetrachloroethene	10.62	164	48635	19.239	ug/l	99
65) Chlorobenzene	11.43	112	109645	17.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41716	18.190	ug/l	99
67) Ethyl Benzene	11.51	91	202643	17.940	ug/l	100
68) m/p-Xylenes	11.62	106	150879	35.404	ug/l	99
69) o-Xylene	11.94	106	73970	18.202	ug/l	98
70) Styrene	11.96	104	116813	17.483	ug/l	100
71) Bromoform	12.12	173	30008	18.155	ug/l #	99
73) Isopropylbenzene	12.25	105	198400	18.194	ug/l	100
74) N-amyl acetate	12.07	43	84562	17.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55198	18.622	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	78507	24.321	ug/l #	100
77) Bromobenzene	12.52	156	47251	17.677	ug/l	100
78) n-propylbenzene	12.59	91	231085	18.079	ug/l	100
79) 2-Chlorotoluene	12.67	91	136854	18.214	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	167292	18.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	21195	18.126	ug/l #	85
82) 4-Chlorotoluene	12.77	91	139713	17.649	ug/l	98
83) tert-Butylbenzene	12.99	119	143616	18.067	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	166189	17.933	ug/l	99
85) sec-Butylbenzene	13.17	105	192040	18.041	ug/l	100
86) p-Isopropyltoluene	13.29	119	175152	17.778	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	84625	18.304	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	83438	18.050	ug/l	99
89) n-Butylbenzene	13.61	91	159018	17.582	ug/l	99
90) Hexachloroethane	13.87	117	24179	16.955	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	81677	17.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11318	16.861	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52497	17.696	ug/l	100
94) Hexachlorobutadiene	15.01	225	26770	19.215	ug/l	98
95) Naphthalene	15.13	128	150922	17.037	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51269	18.176	ug/l	100

(#) = 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: VN060319.D

Acq: 3 Mar 2020 11:06

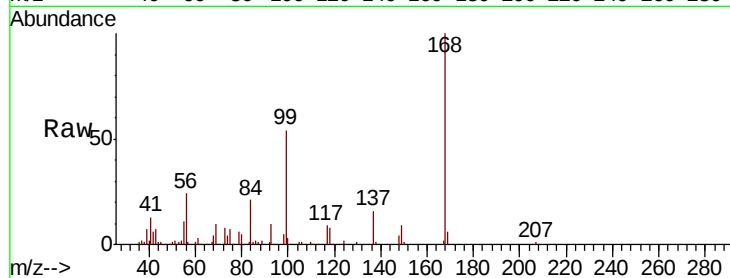
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 206886

Ion Ratio Lower Upper

168 100

99 54.5 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

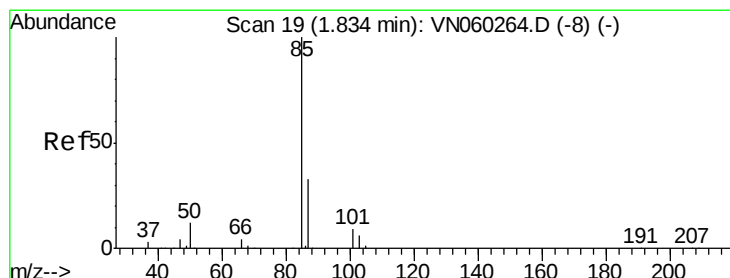
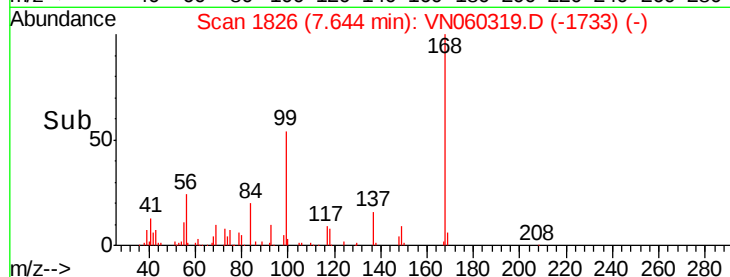
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.095 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060319.D

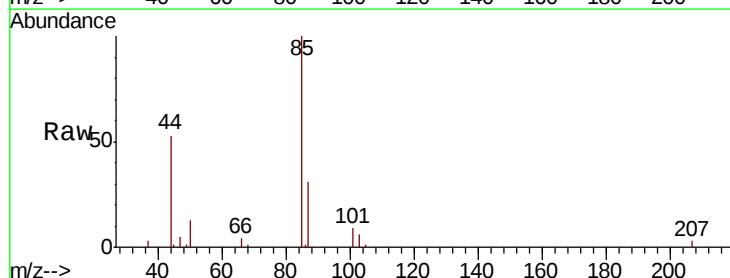
Acq: 3 Mar 2020 11:06

Tgt Ion: 85 Resp: 32426

Ion Ratio Lower Upper

85 100

87 31.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

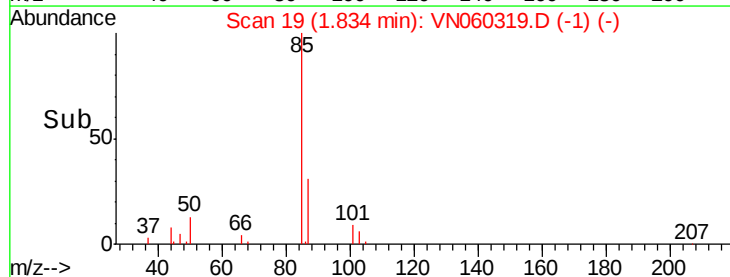
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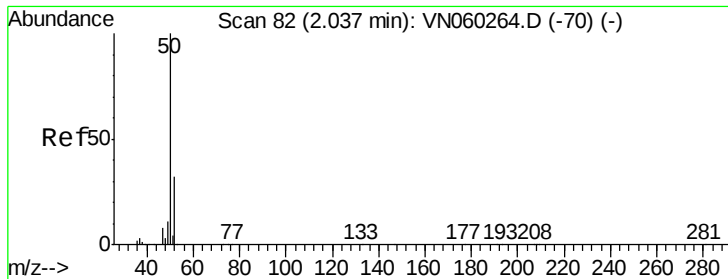
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Time-->

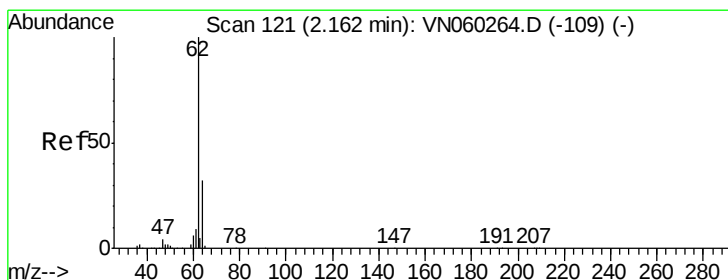
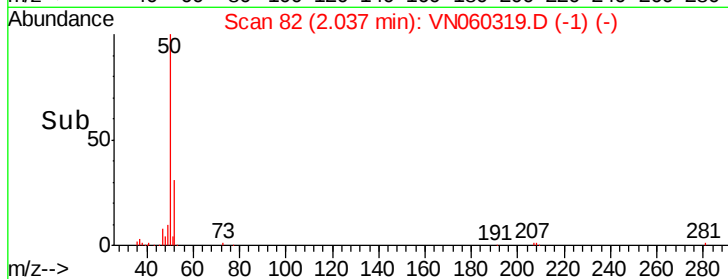
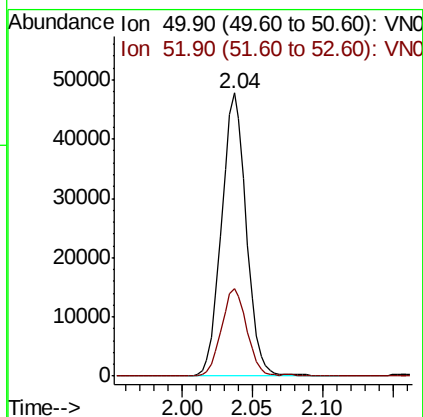
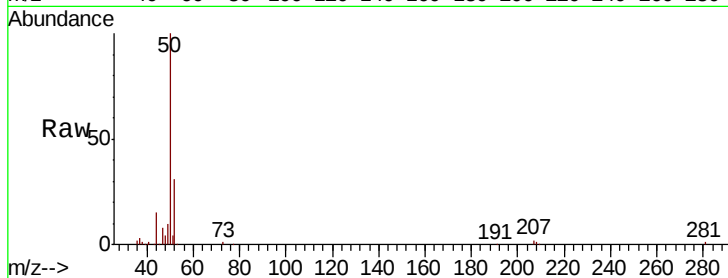




#3
Chloromethane
Concen: 17.734 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

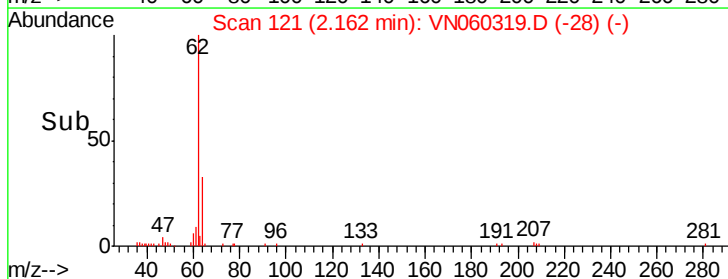
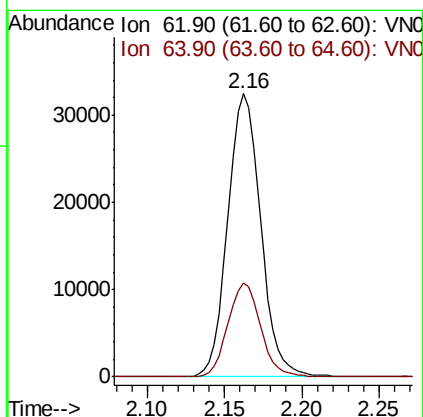
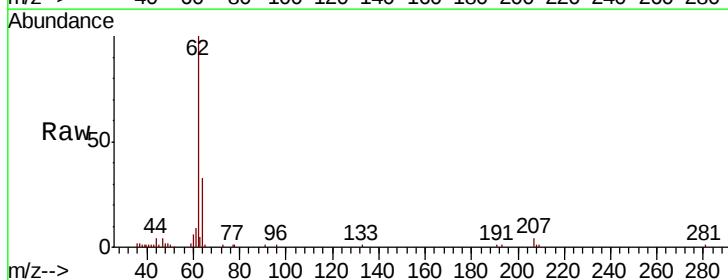
Instrument :
MSVOA_N
ClientSampled :

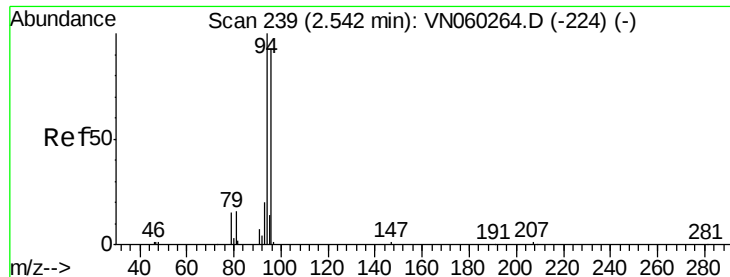
Tot Ion: 50 Resp: 58567
Ion Ratio Lower Upper
50 100
52 31.0 25.6 38.4



#4
Vinyl Chloride
Concen: 16.884 ug/l
RT: 2.16 min Scan# 121
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 62 Resp: 47820
Ion Ratio Lower Upper
62 100
64 33.2 25.5 38.3





#5

Bromomethane

Concen: 13.629 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

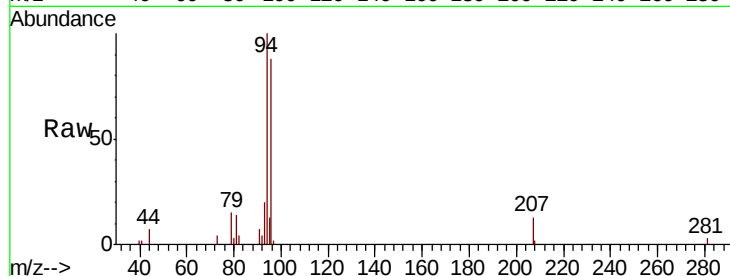
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 17530

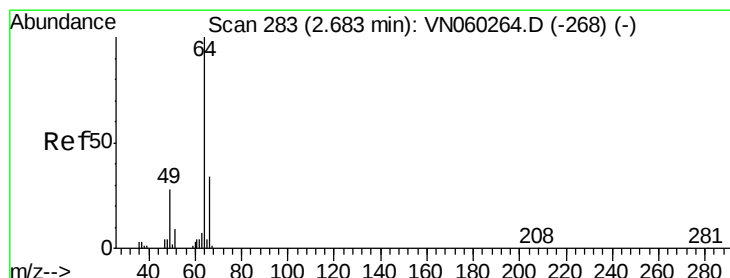
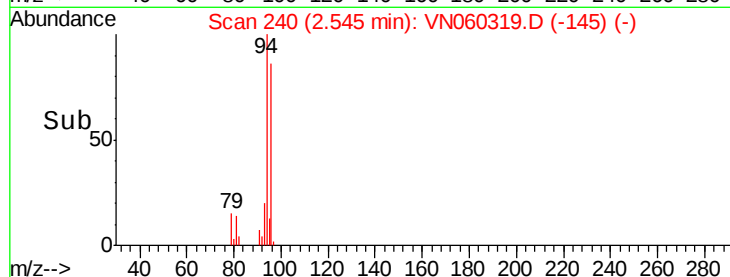
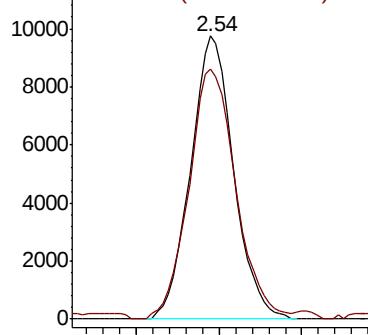
Ion Ratio Lower Upper

94 100

96 88.2 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 16.597 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060319.D

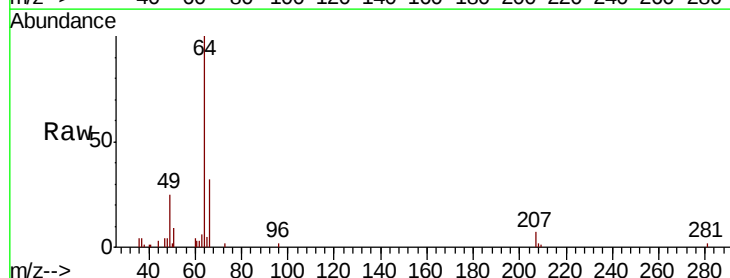
Acq: 3 Mar 2020 11:06

Tgt Ion: 64 Resp: 25468

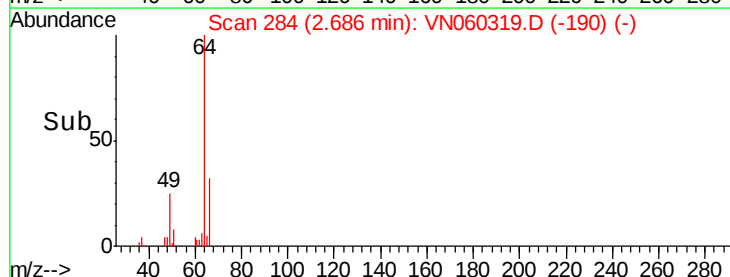
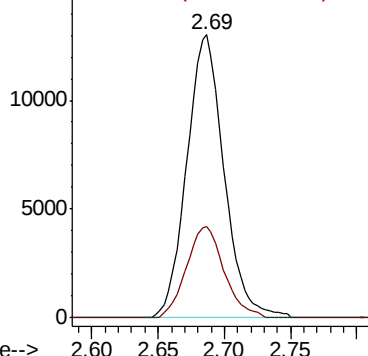
Ion Ratio Lower Upper

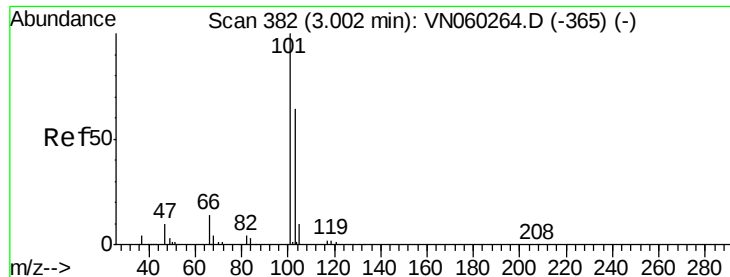
64 100

66 32.1 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



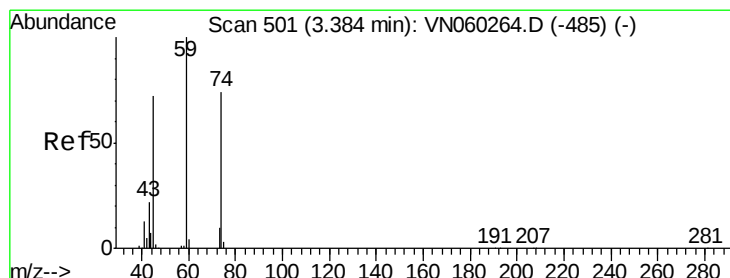
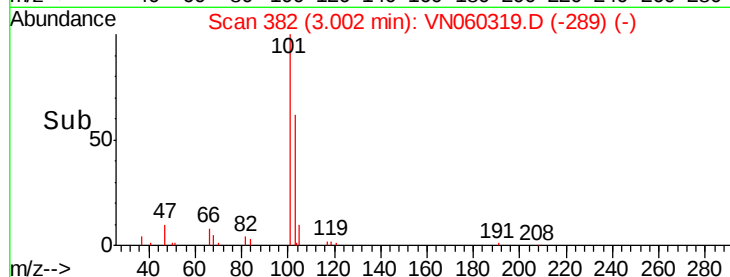
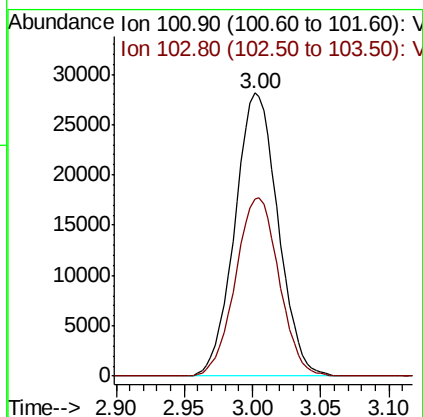
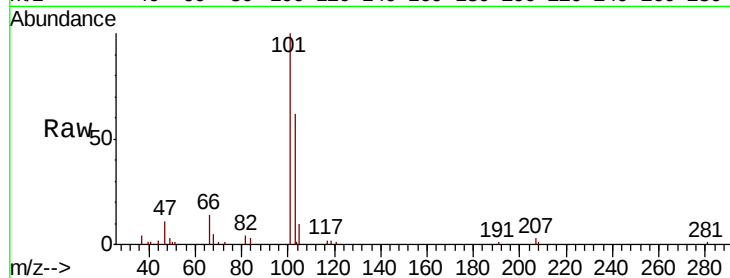


#7

Trichlorofluoromethane
 Concen: 17.060 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Instrument :
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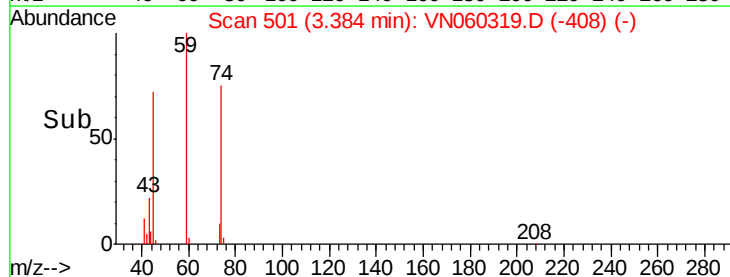
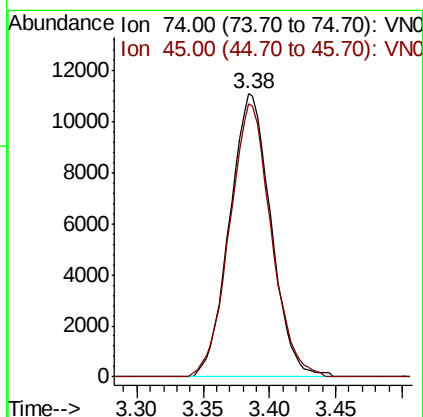
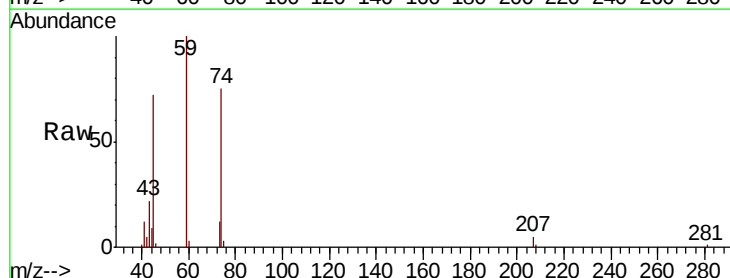
Tot Ion:101 Resp: 61733
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.3 76.9



#8

Diethyl Ether
 Concen: 17.528 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion: 74 Resp: 23947
 Ion Ratio Lower Upper
 74 100
 45 97.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.285 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

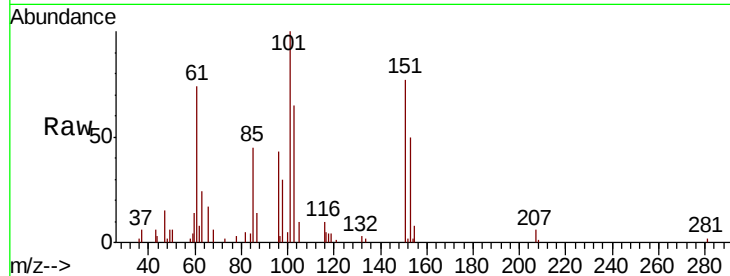
Tot Ion:101 Resp: 35397

Ion Ratio Lower Upper

101 100

85 45.4 35.4 53.2

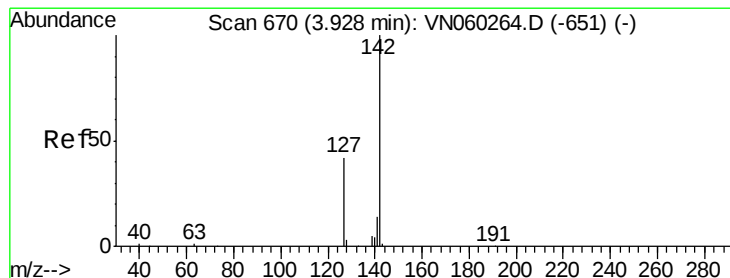
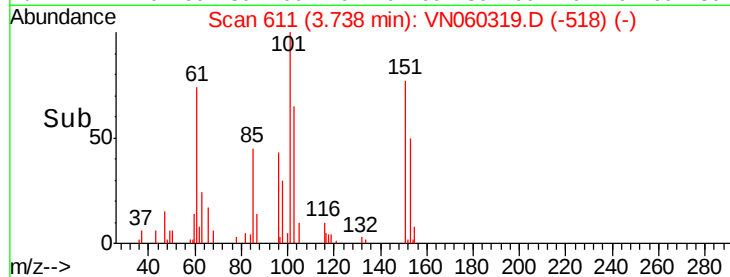
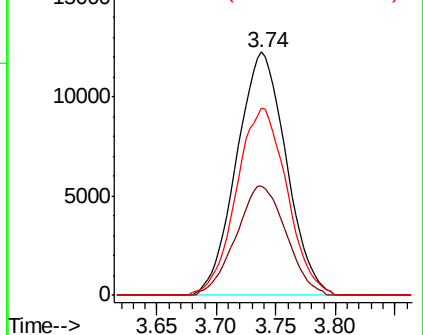
151 78.3 62.0 93.0



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: 16.699 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

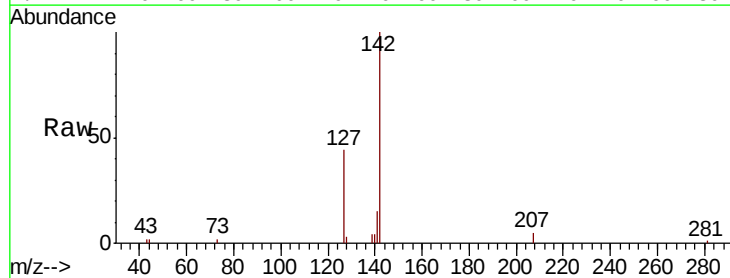
Tgt Ion:142 Resp: 31210

Ion Ratio Lower Upper

142 100

127 43.6 33.8 50.6

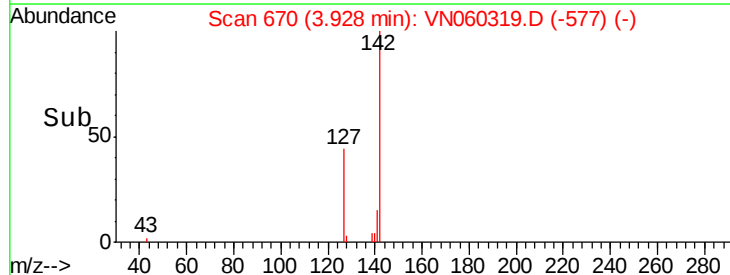
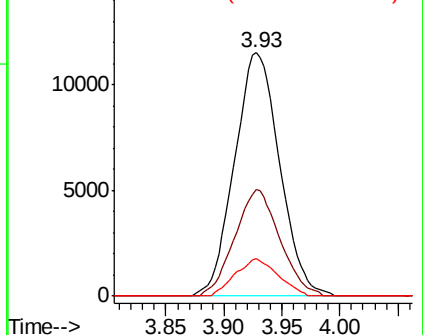
141 14.4 11.1 16.7



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



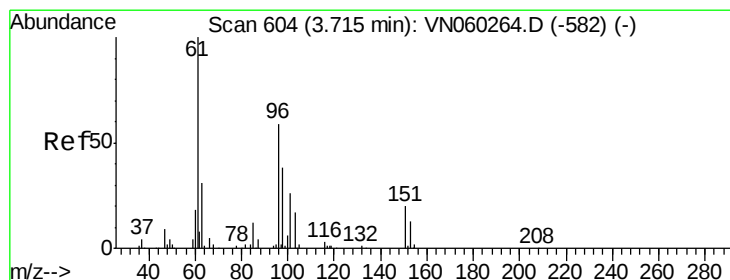
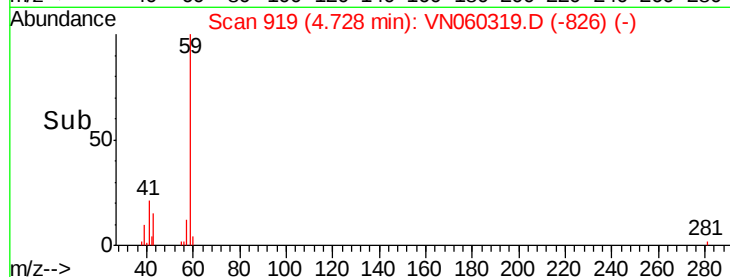
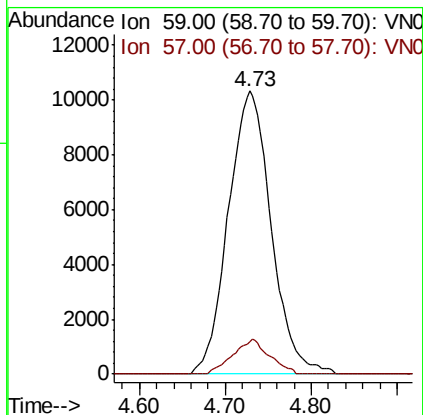
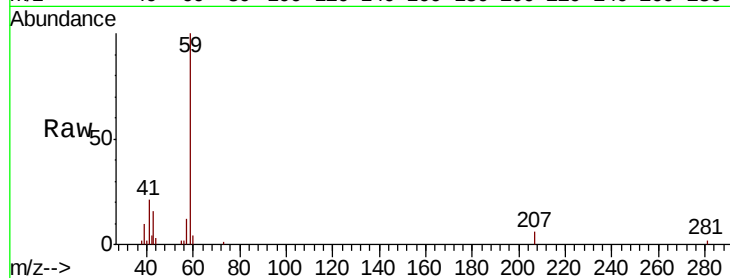


#11

Tert butyl alcohol
 Concen: 90.526 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :

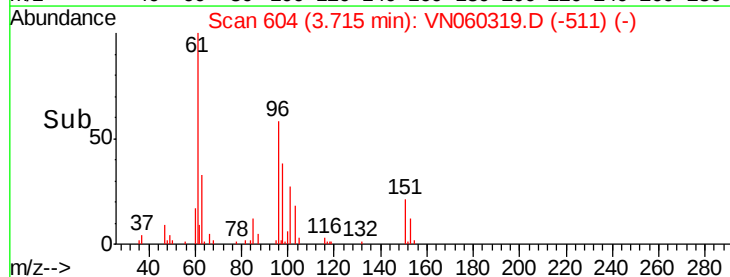
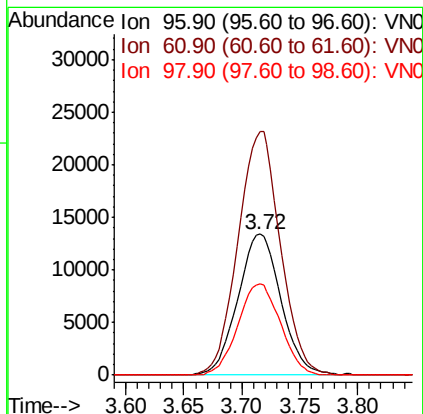
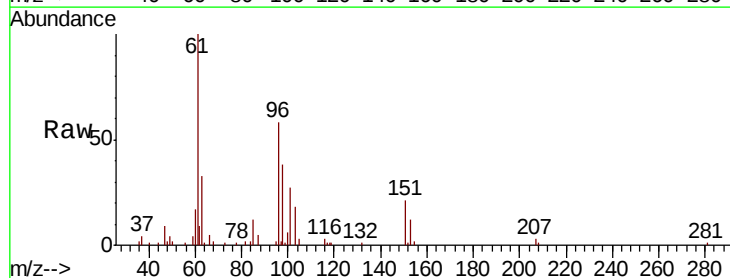
Tot Ion: 59 Resp: 35680
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

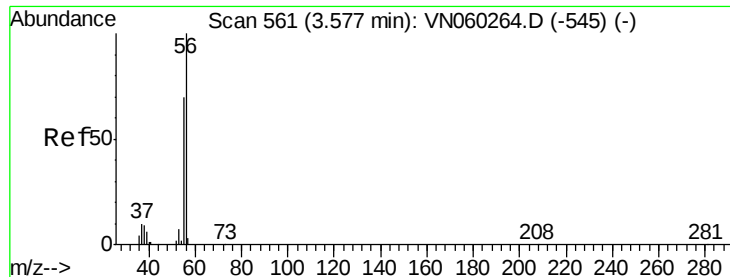


#12

1,1-Dichloroethene
 Concen: 17.331 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion: 96 Resp: 34547
 Ion Ratio Lower Upper
 96 100
 61 173.1 135.4 203.0
 98 65.0 51.6 77.4





#13

Acrolein

Concen: 85.456 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

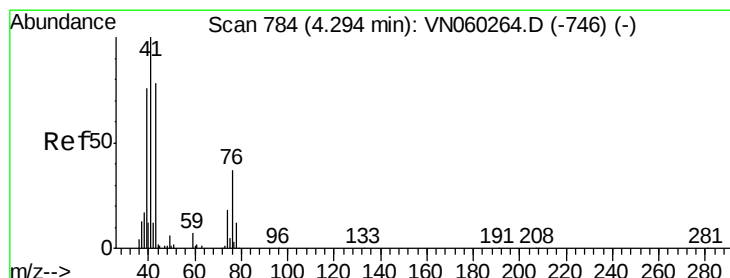
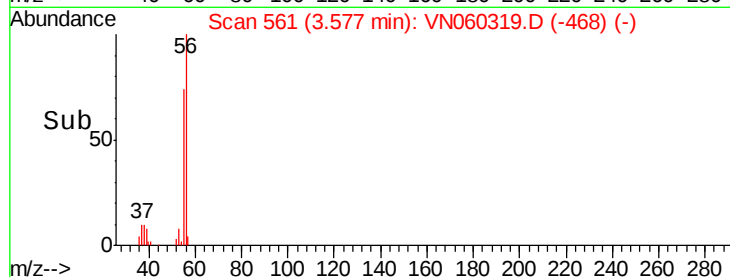
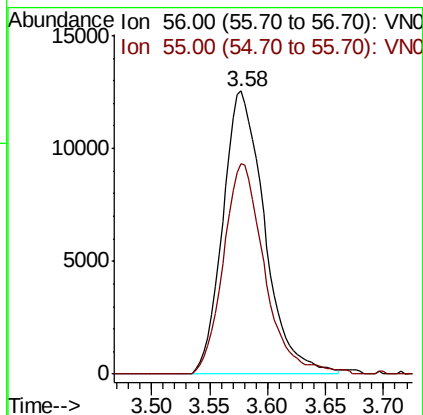
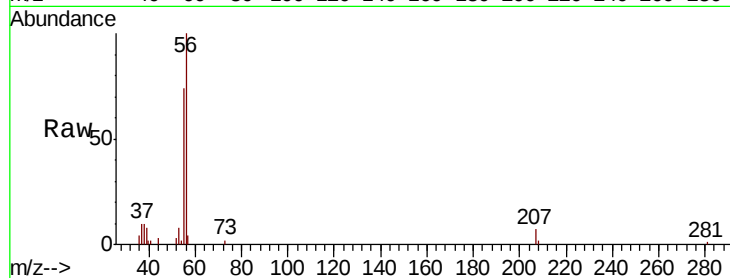
ClientSampled :

Tot Ion: 56 Resp: 31422

Ion Ratio Lower Upper

56 100

55 73.1 57.4 86.0



#14

Allyl chloride

Concen: 17.975 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

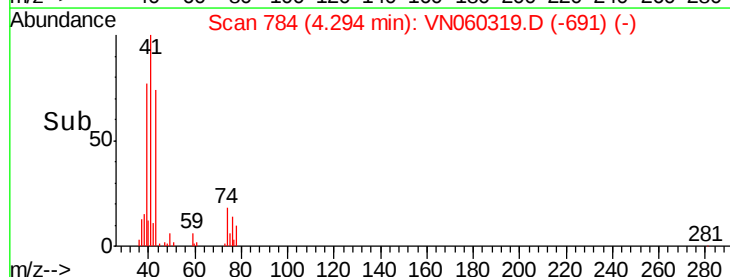
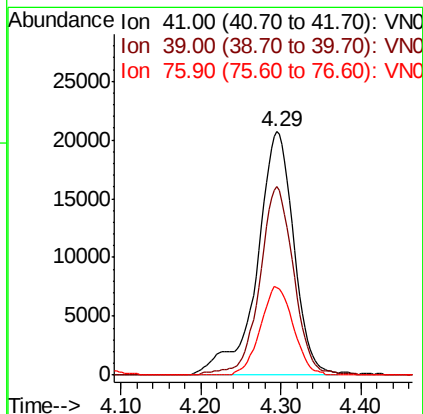
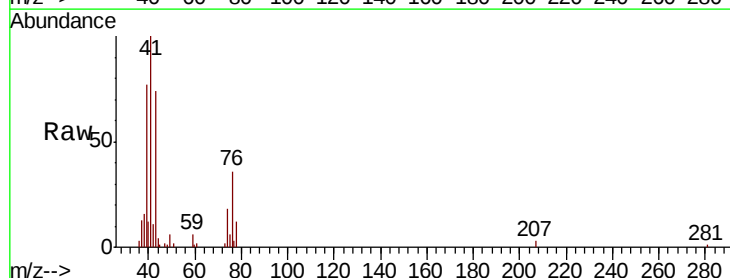
Tgt Ion: 41 Resp: 65872

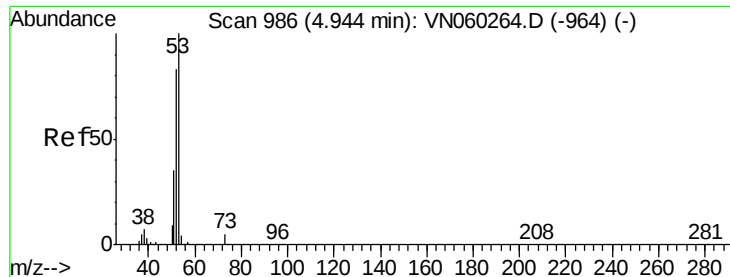
Ion Ratio Lower Upper

41 100

39 71.8 55.4 83.2

76 32.4 27.0 40.6





#15

Acrylonitrile

Concen: 92.415 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

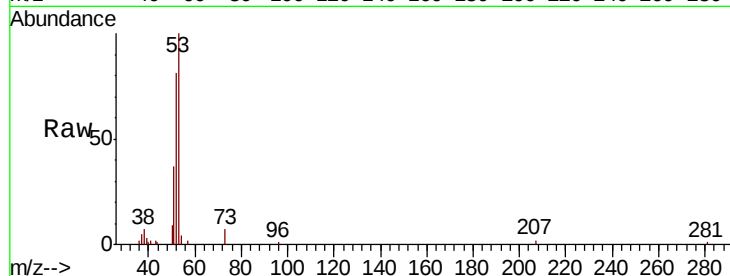
Tot Ion: 53 Resp: 96008

Ion Ratio Lower Upper

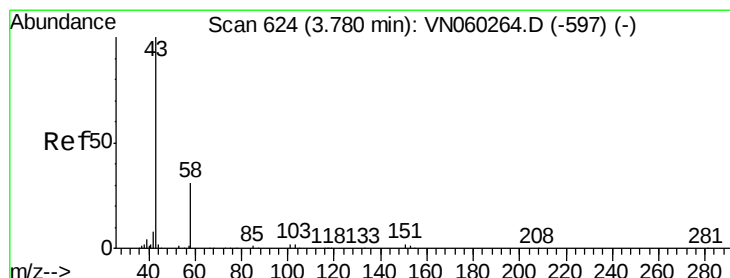
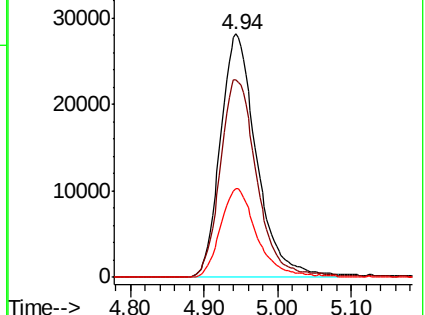
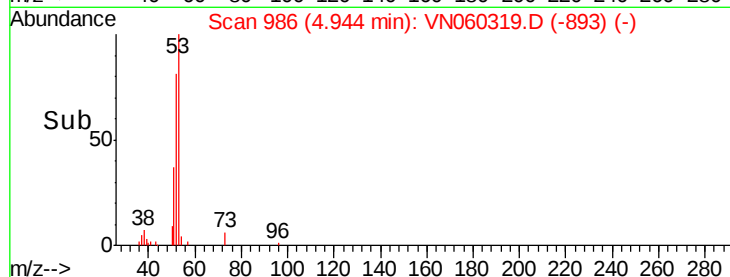
53 100

52 82.2 66.8 100.2

51 36.5 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN060319.D (-893) (-)



#16

Acetone

Concen: 89.996 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060319.D

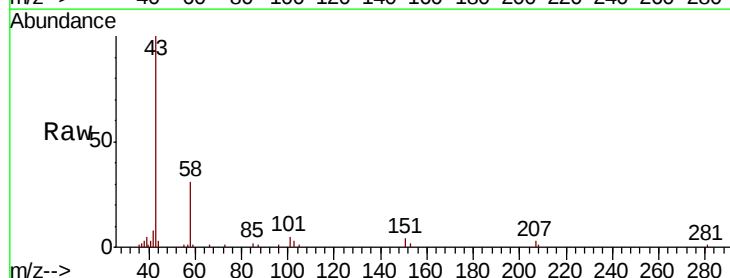
Acq: 3 Mar 2020 11:06

Tgt Ion: 43 Resp: 77143

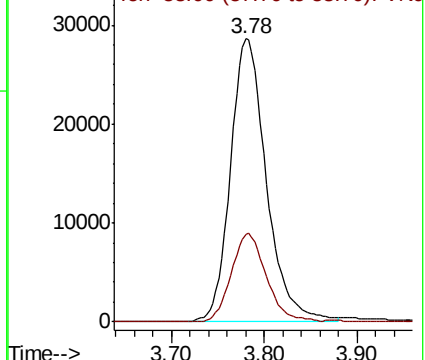
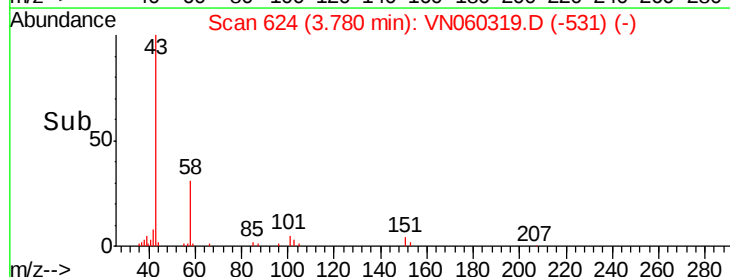
Ion Ratio Lower Upper

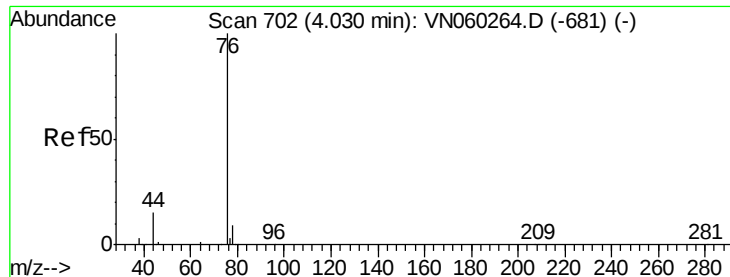
43 100

58 30.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060319.D (-531) (-)

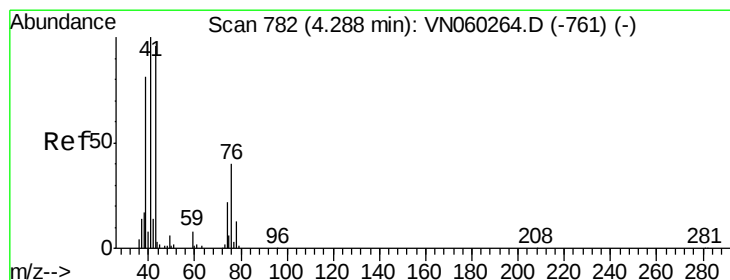
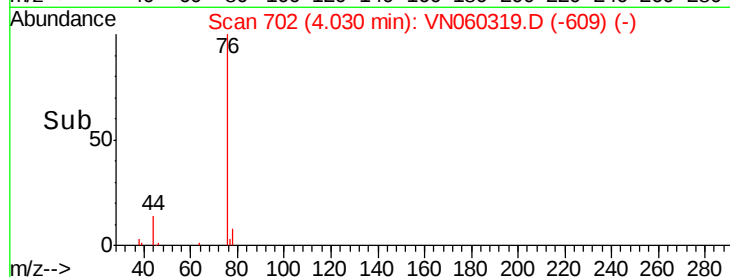
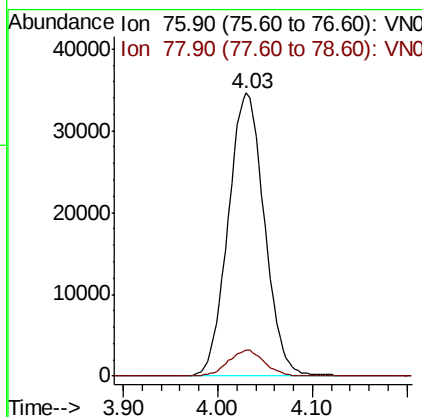
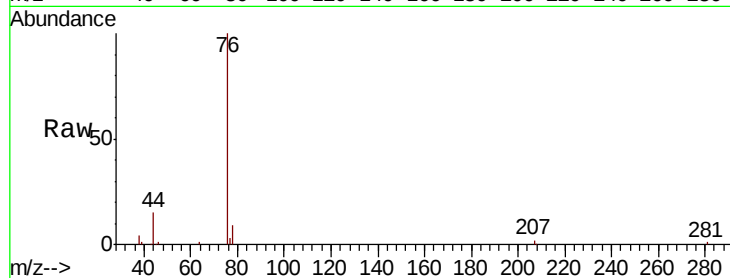




#17
Carbon Disulfide
Concen: 16.999 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

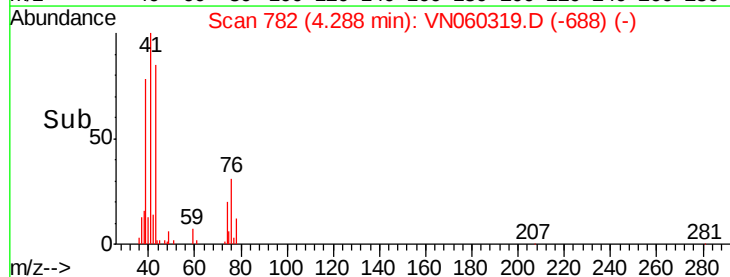
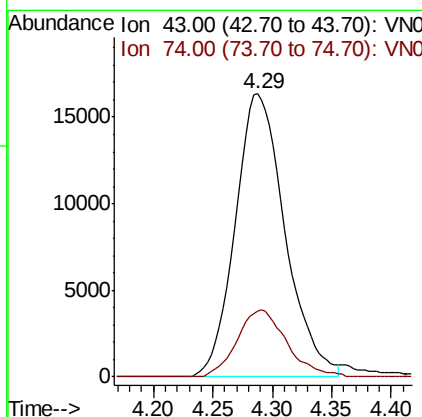
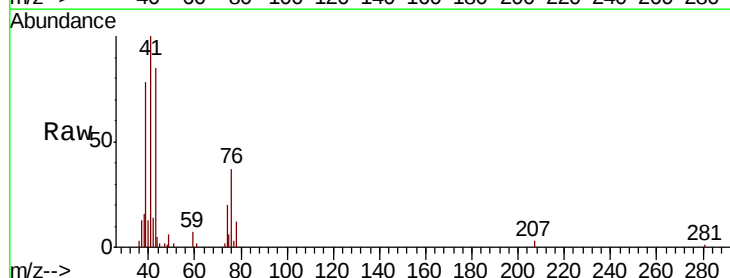
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 92115
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 16.559 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 43 Resp: 47367
Ion Ratio Lower Upper
43 100
74 23.6 18.8 28.2

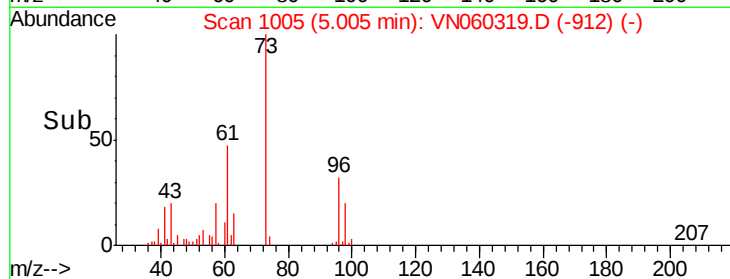
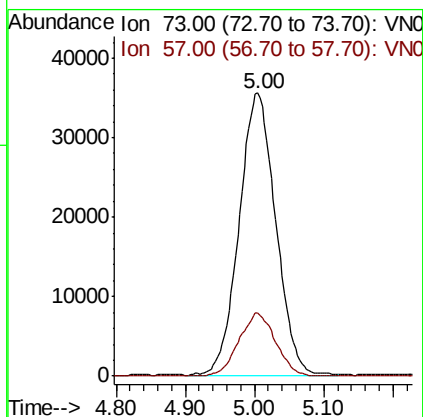
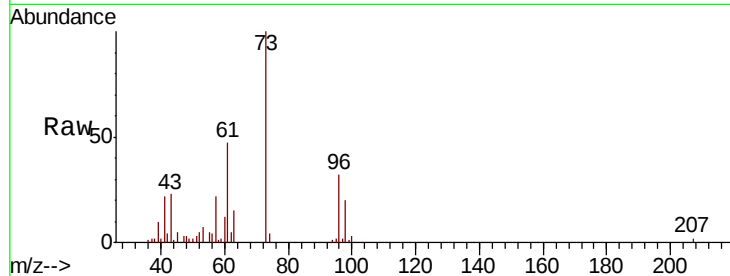




#19
Methvl tert-butvl Ether
Concen: 18.249 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

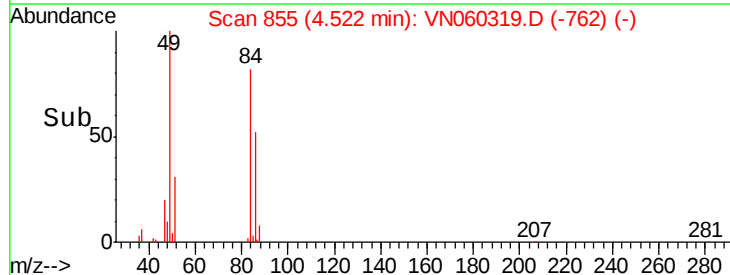
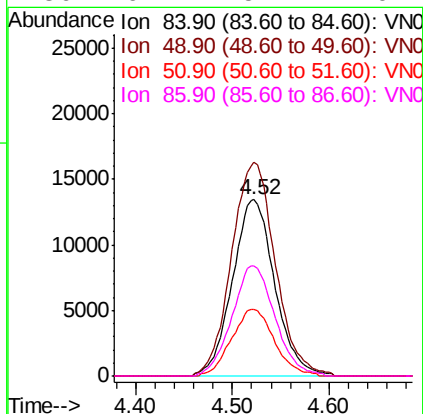
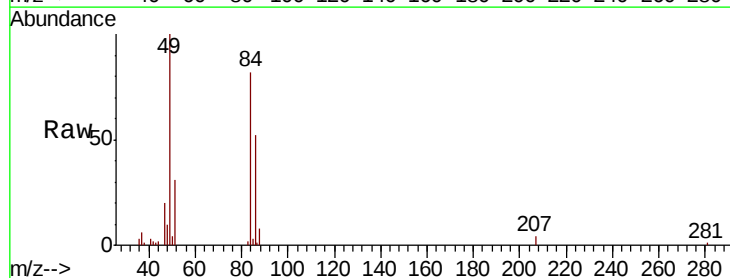
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 73 Resp: 131690
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 17.349 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 84 Resp: 40842
Ion Ratio Lower Upper
84 100
49 121.3 99.3 148.9
51 37.5 30.1 45.1
86 62.7 51.1 76.7

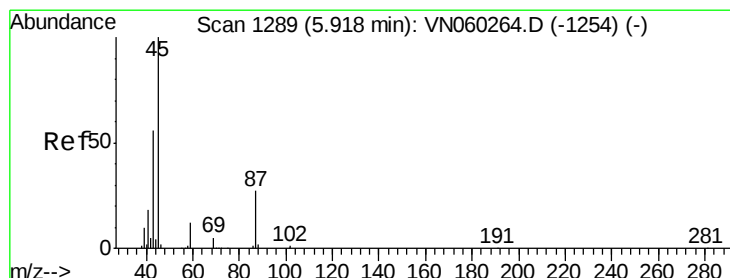
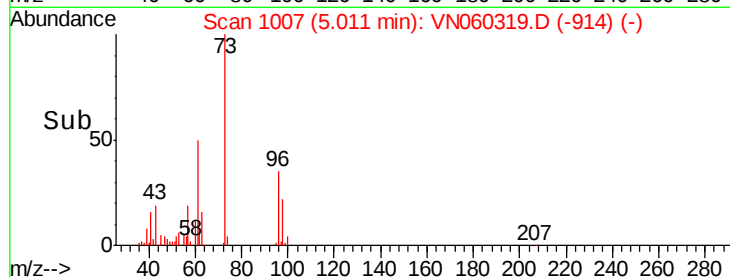
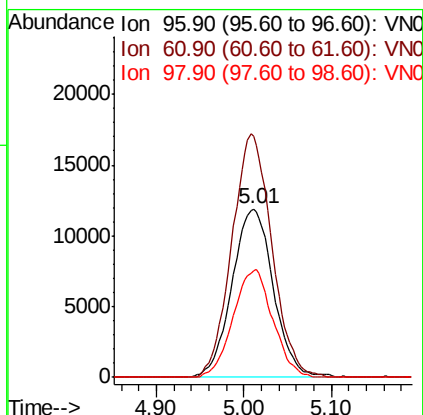
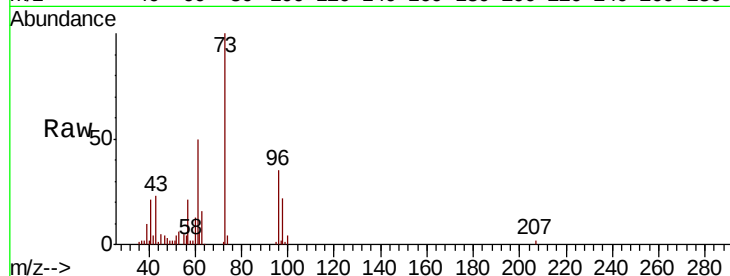




#21
trans-1,2-Dichloroethene
Concen: 18.015 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

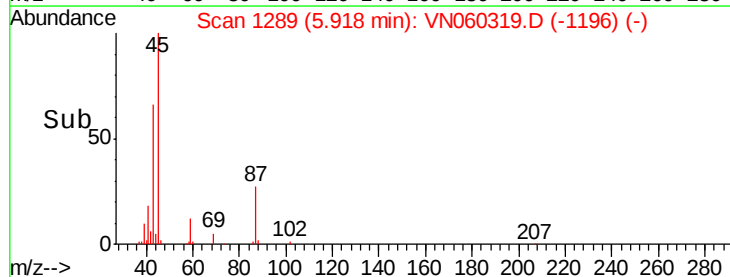
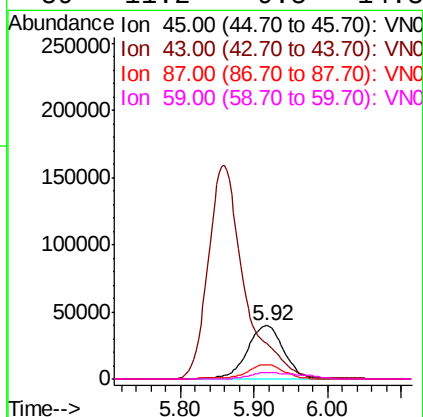
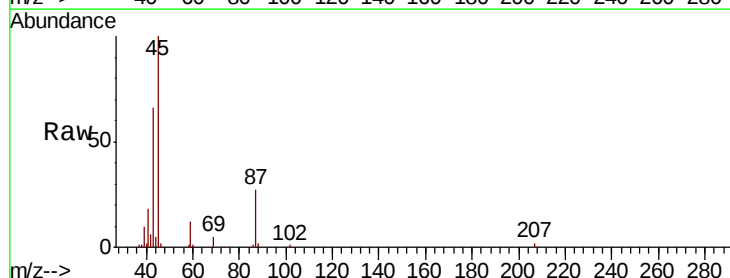
Instrument :
MSVOA_N
ClientSampleId :

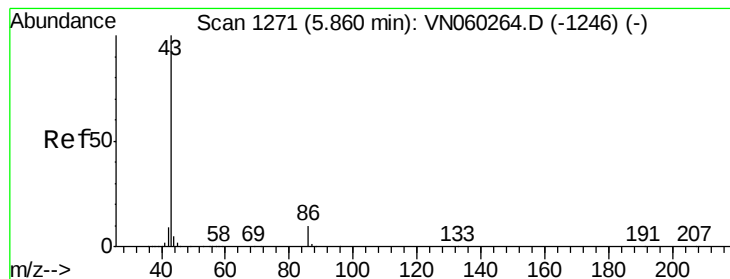
Tot Ion: 96 Resp: 39052
Ion Ratio Lower Upper
96 100
61 143.7 113.8 170.8
98 63.5 48.8 73.2



#22
Diisopropyl ether
Concen: 18.446 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 45 Resp: 136928
Ion Ratio Lower Upper
45 100
43 64.5 48.6 72.8
87 27.3 22.2 33.2
59 11.2 9.5 14.3





#23

Vinyl Acetate

Concen: 92.410 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

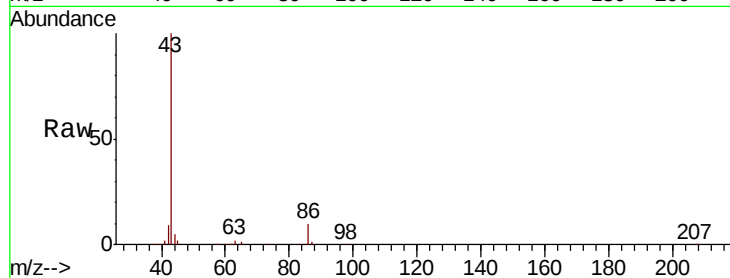
ClientSampled :

Tot Ion: 43 Resp: 545101

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN060319.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060319.D (-1178) (-)

5.86

150000

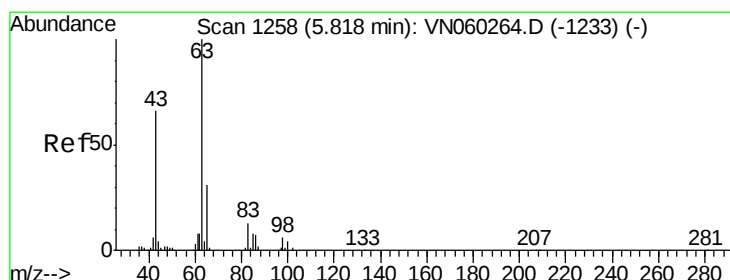
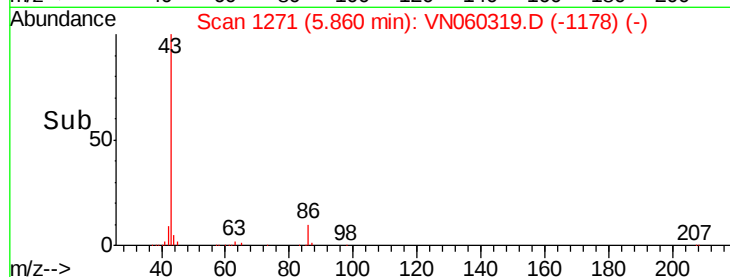
100000

50000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.140 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

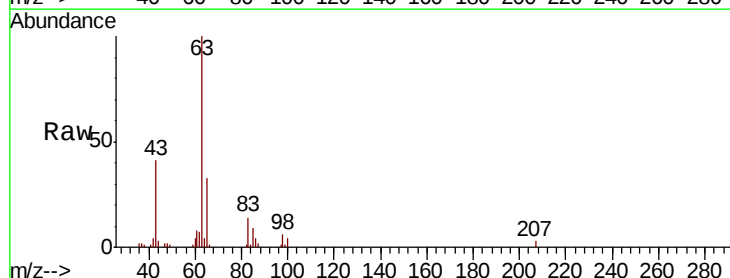
Tgt Ion: 63 Resp: 76225

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN060319.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060319.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060319.D (-1165) (-)

5.81

30000

25000

20000

15000

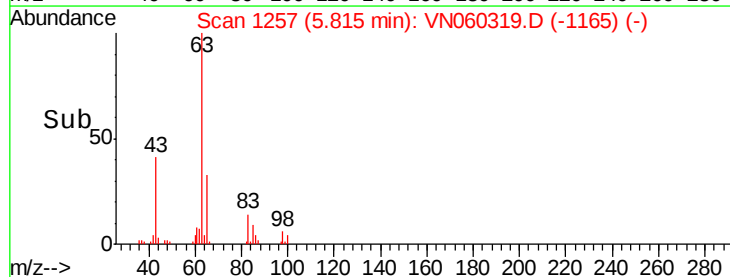
10000

5000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 92.563 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

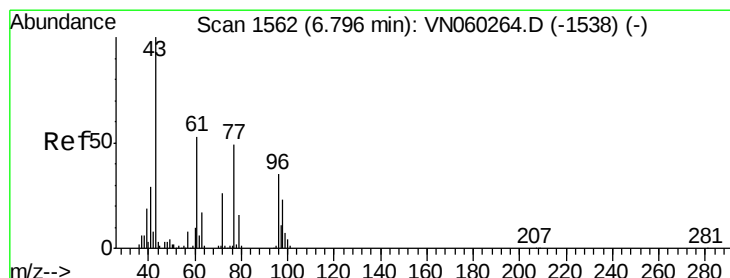
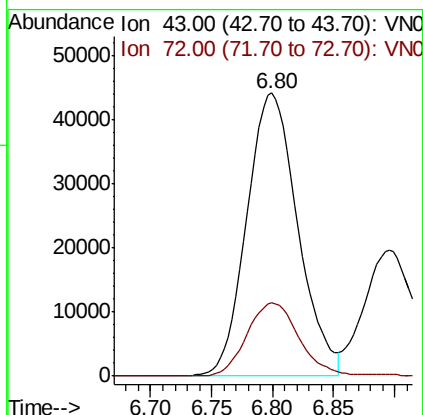
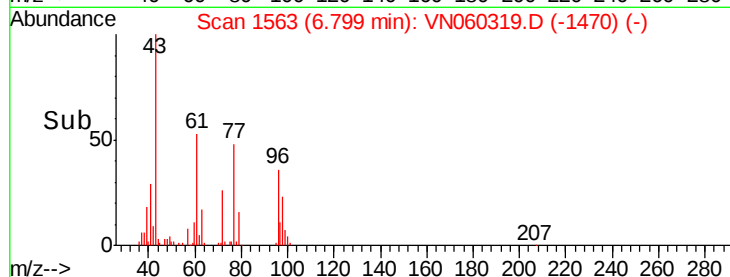
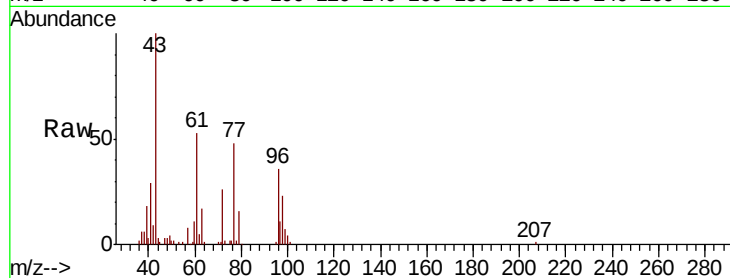
ClientSampled :

Tot Ion: 43 Resp: 128158

Ion Ratio Lower Upper

43 100

72 25.9 20.9 31.3



#26

2,2-Dichloropropane

Concen: 17.990 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060319.D

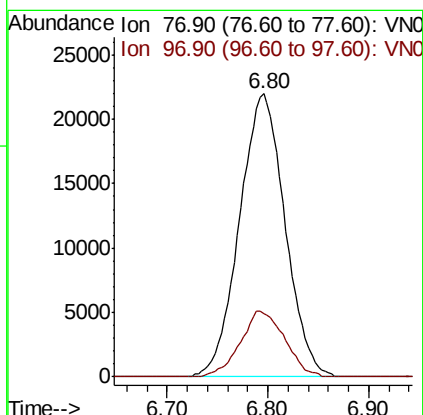
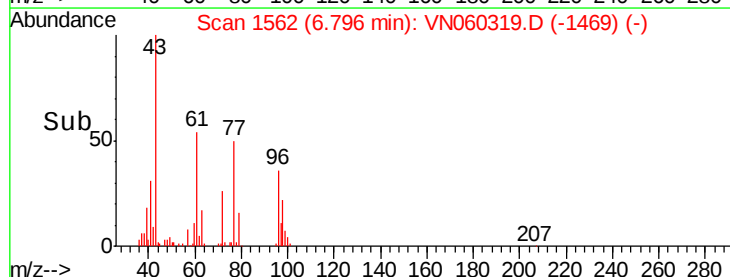
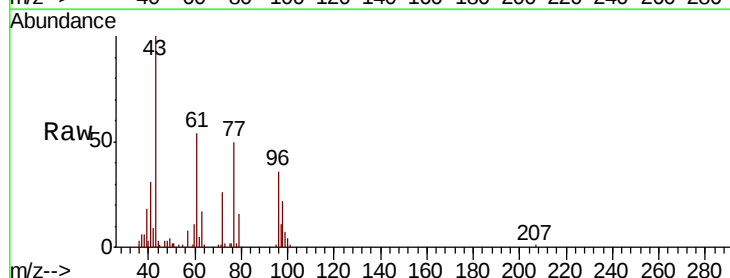
Acq: 3 Mar 2020 11:06

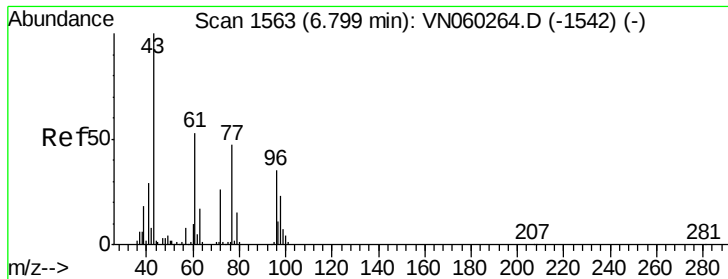
Tgt Ion: 77 Resp: 68819

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.066 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :

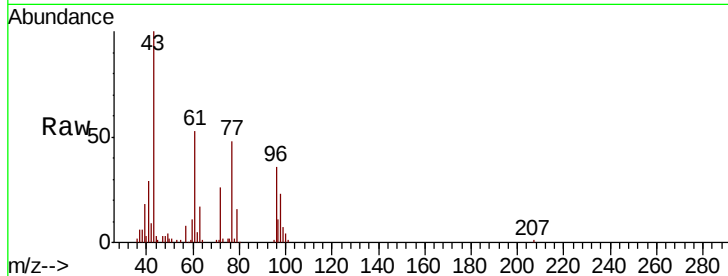
Tot Ion: 96 Resp: 46586

Ion Ratio Lower Upper

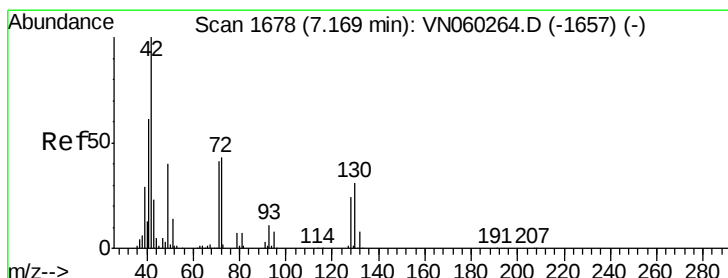
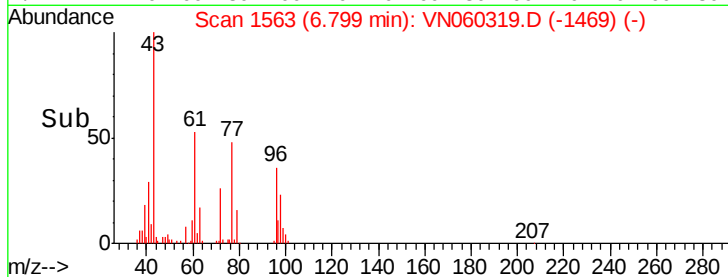
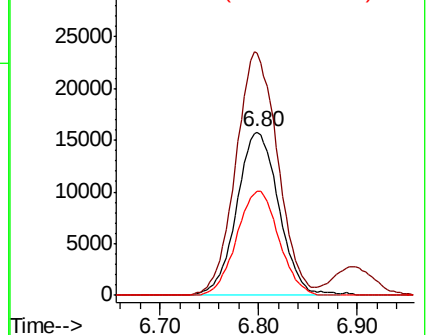
96 100

61 148.9 0.0 300.8

98 63.8 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: 18.163 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

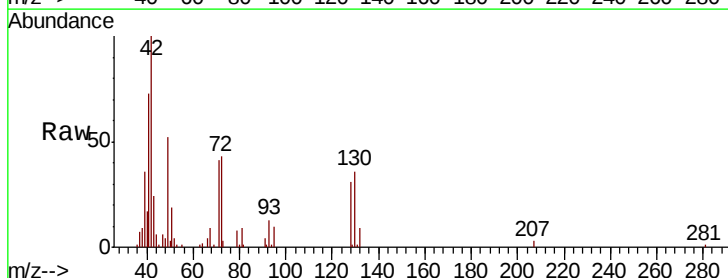
Tgt Ion: 49 Resp: 31336

Ion Ratio Lower Upper

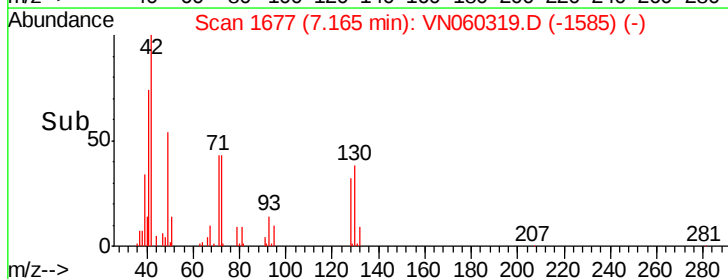
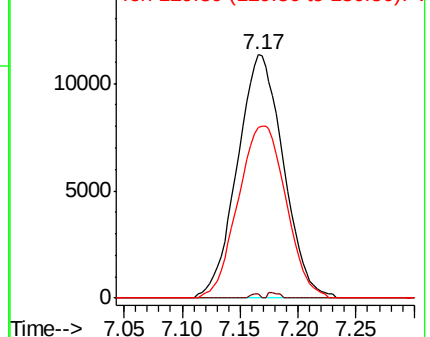
49 100

129 0.4 0.0 3.8

130 73.7 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

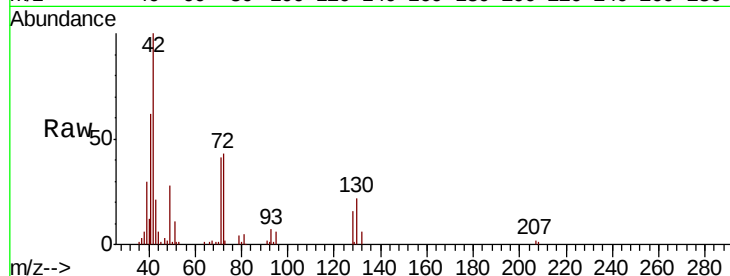




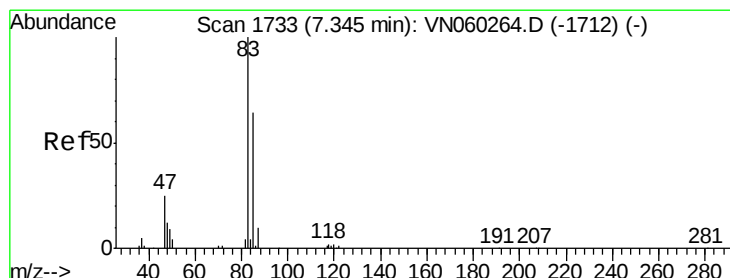
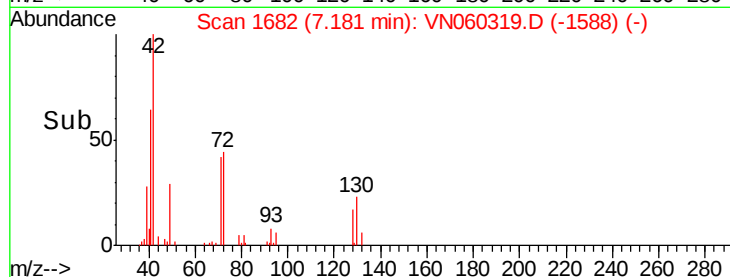
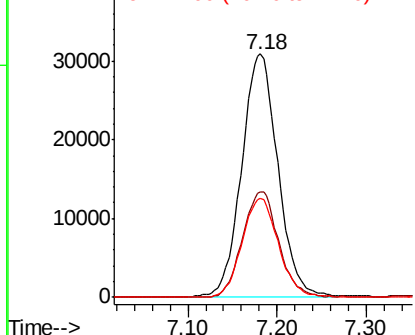
#29
Tetrahydrofuran
Concen: 90.915 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 87532
Ion Ratio Lower Upper
42 100
72 43.1 34.6 52.0
71 40.7 32.9 49.3

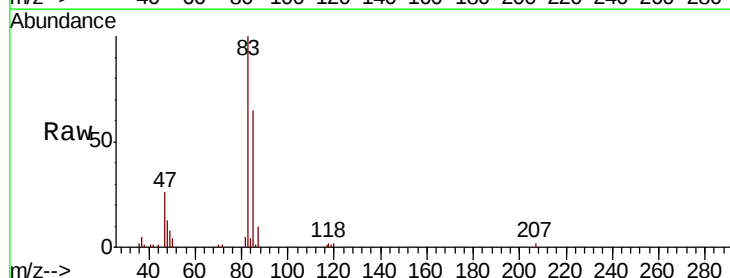


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

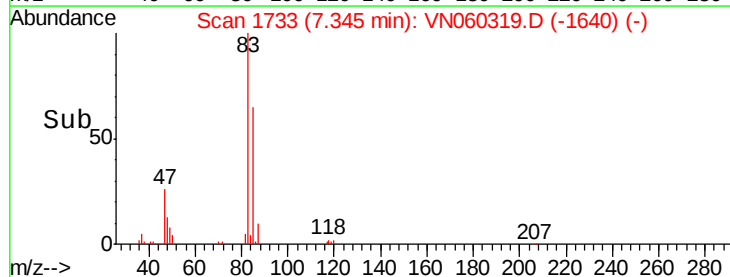
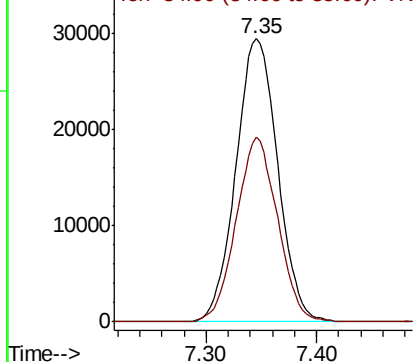


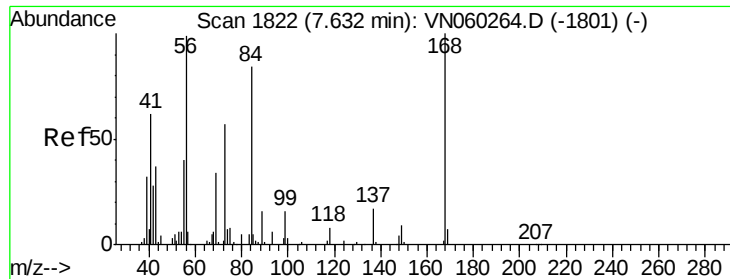
#30
Chloroform
Concen: 18.469 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 83 Resp: 77256
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.2



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

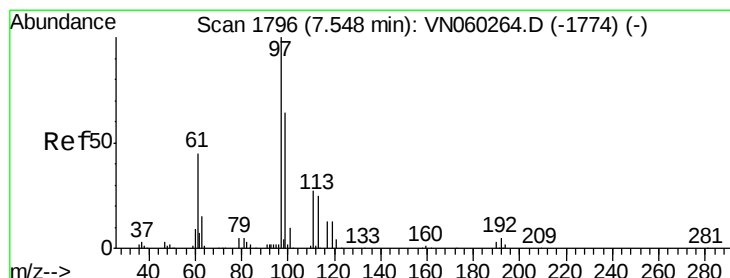
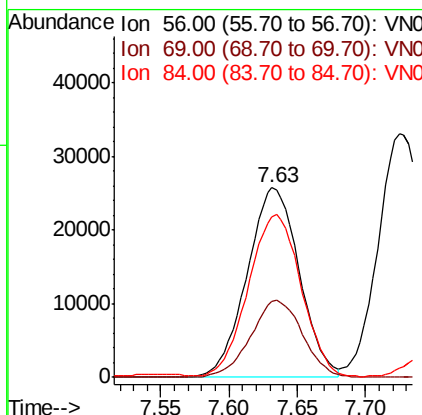
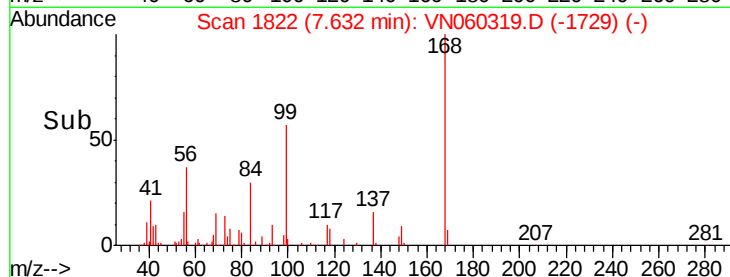
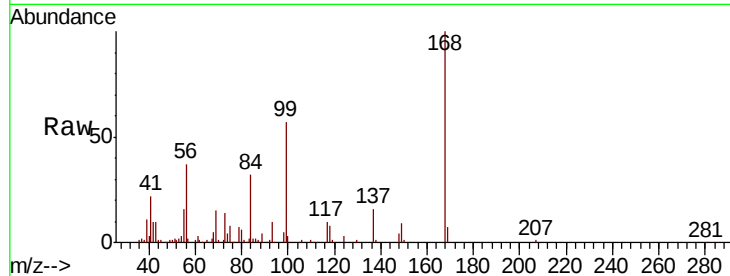




#31
Cyclohexane
Concen: 18.254 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

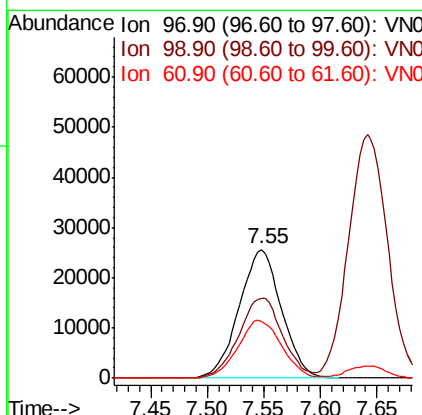
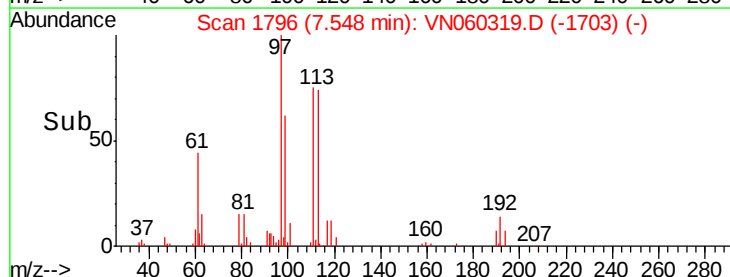
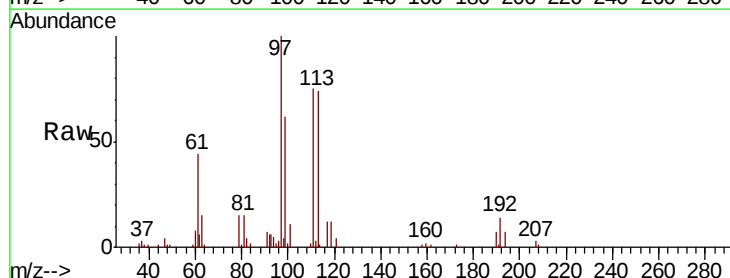
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 68510
Ion Ratio Lower Upper
56 100
69 40.3 27.2 40.8
84 83.6 66.7 100.1



#32
1,1,1-Trichloroethane
Concen: 17.957 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 97 Resp: 66553
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 46.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.276 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

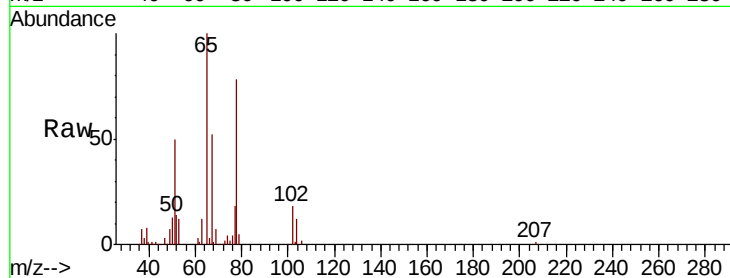
ClientSampleId :

Tot Ion: 65 Resp: 128143

Ion Ratio Lower Upper

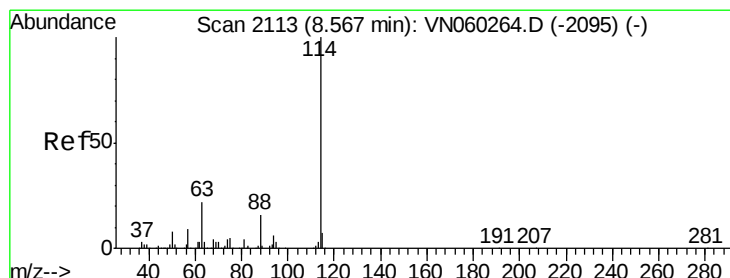
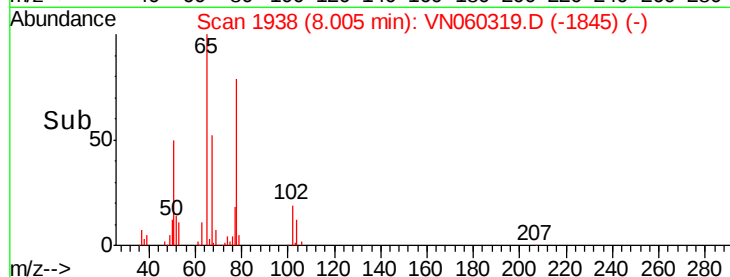
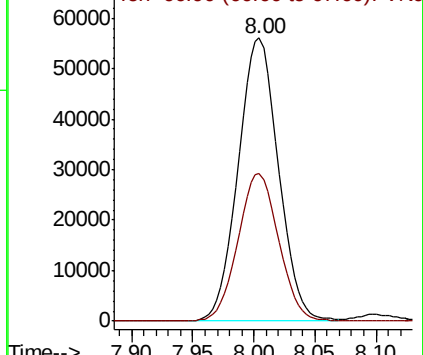
65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060319.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060319.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

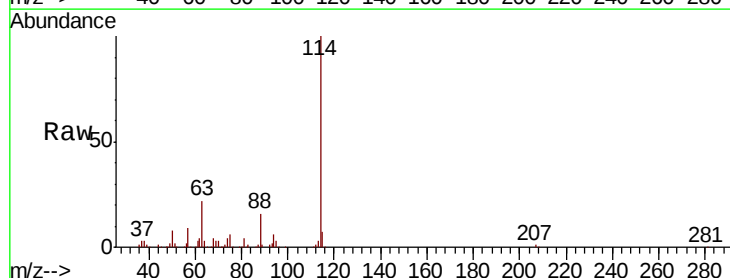
Tgt Ion: 114 Resp: 333381

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

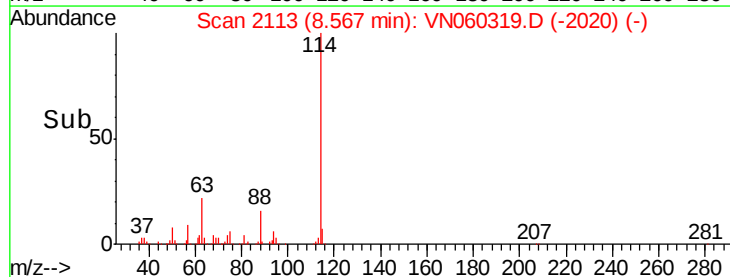
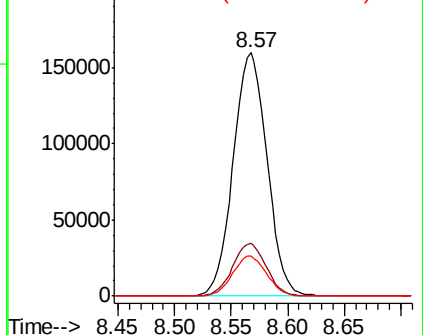
88 16.4 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN060319.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060319.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060319.D (-2020) (-)

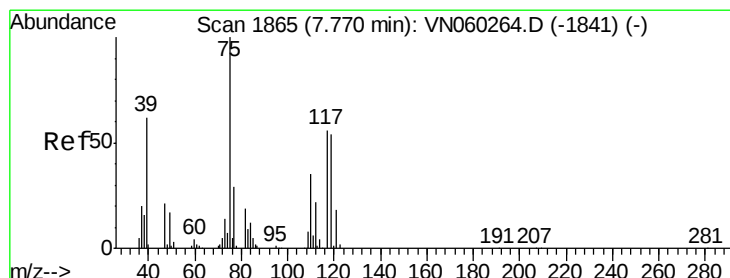
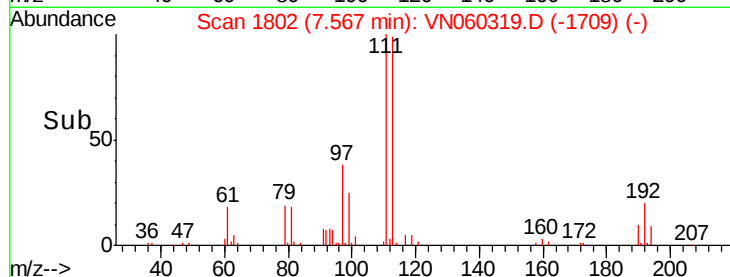
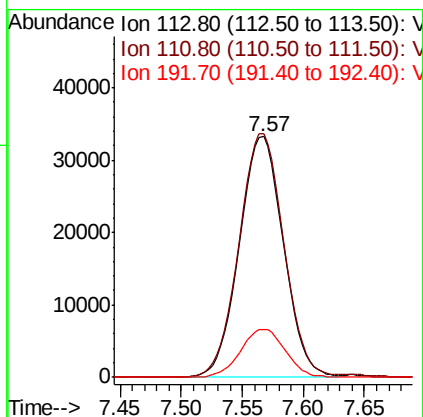
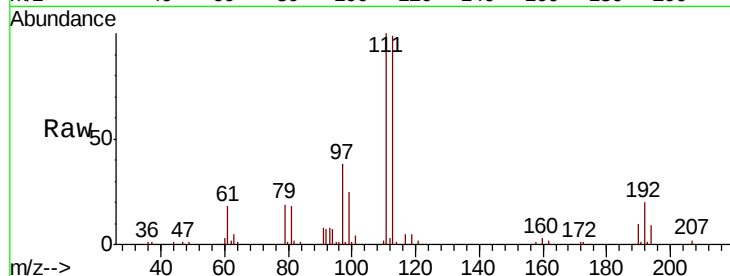




#35
 Dibromofluoromethane
 Concen: 54.016 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

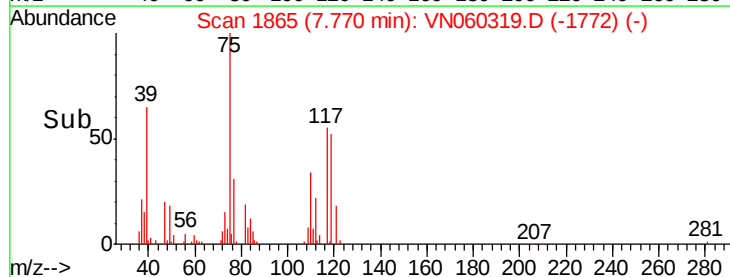
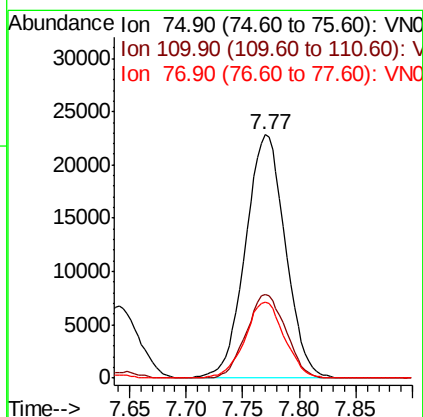
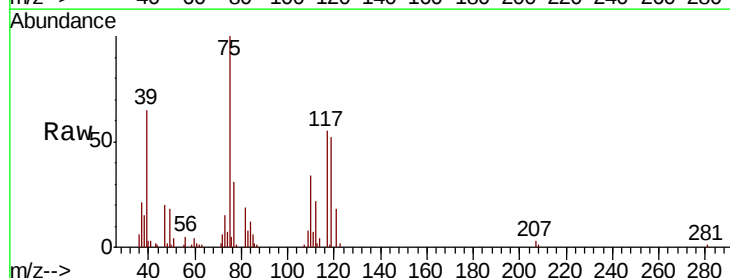
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 83587
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 20.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.656 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion: 75 Resp: 56099
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.3 52.0
 77 30.7 24.2 36.2

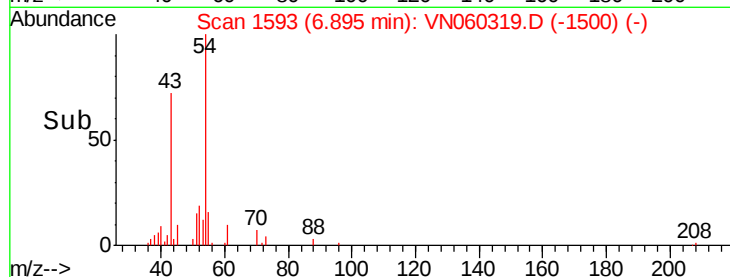
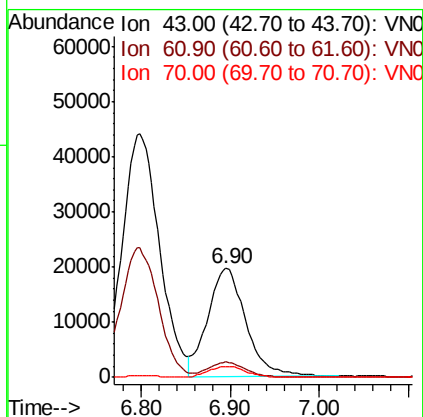
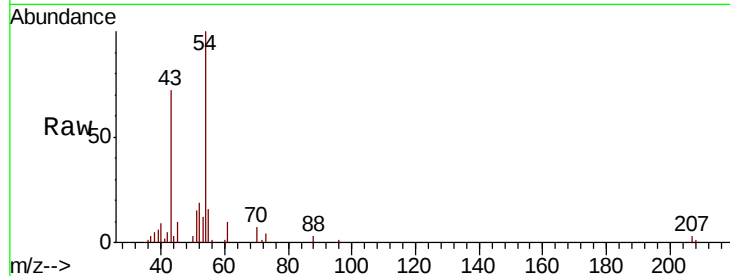




#37
Ethyl Acetate
Concen: 19.349 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

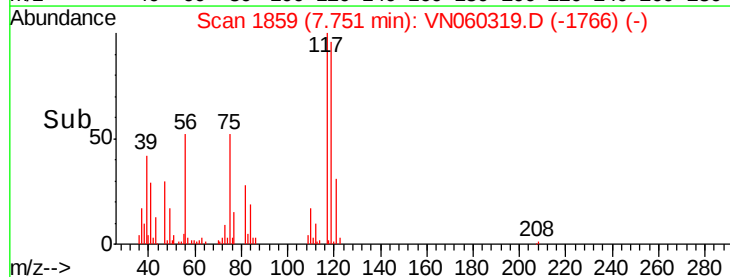
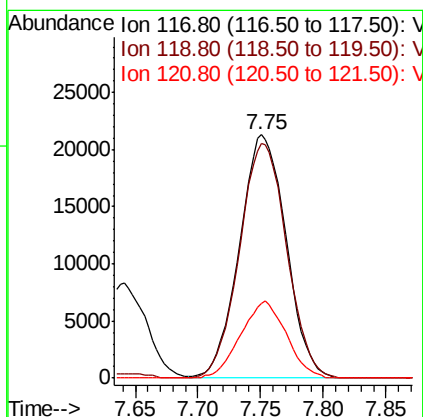
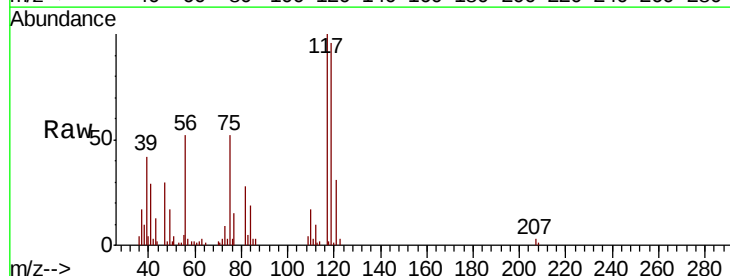
Instrument :
MSVOA_N
ClientSampled :

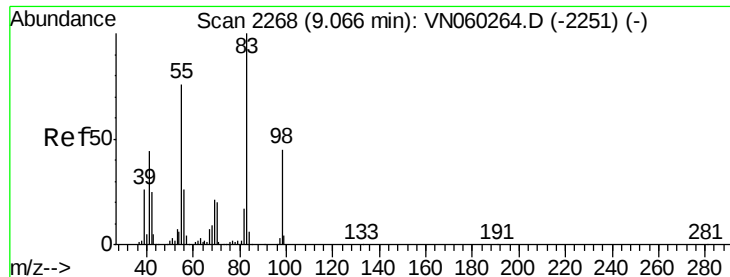
Tot Ion: 43 Resp: 58212
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 17.742 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 117 Resp: 54883
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1
121 30.7 24.5 36.7

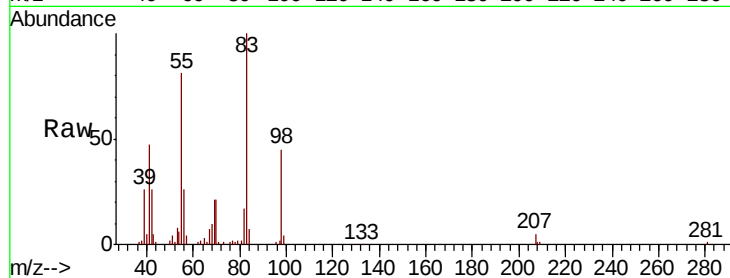




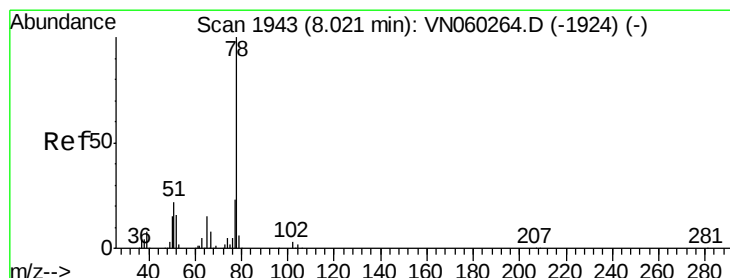
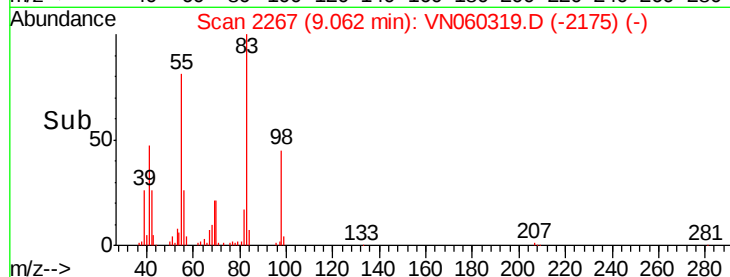
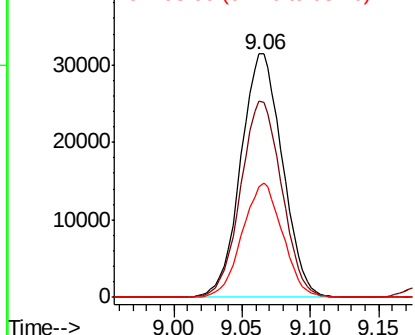
#39
Methvlcvclohexane
Concen: 17.773 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 66581
Ion Ratio Lower Upper
83 100
55 80.6 61.0 91.4
98 45.2 36.1 54.1

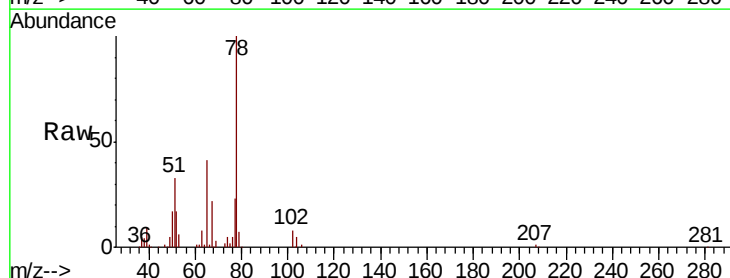


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

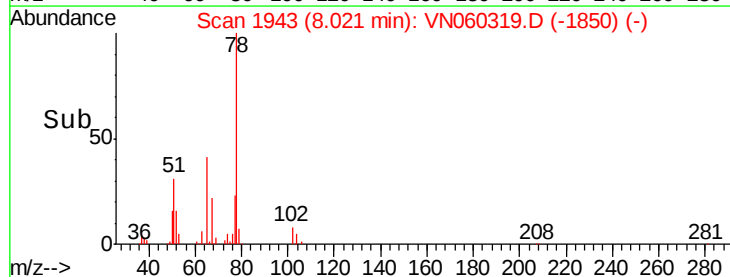
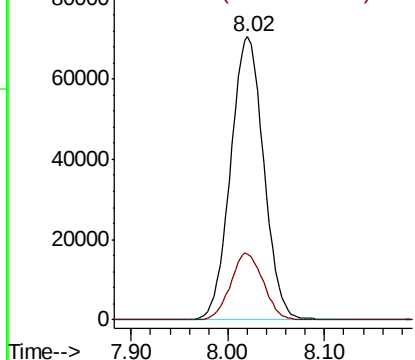


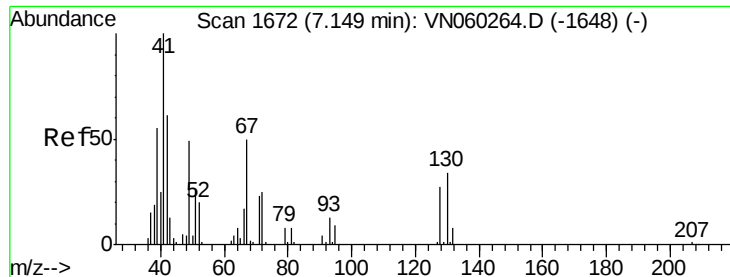
#40
Benzene
Concen: 18.144 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 78 Resp: 167787
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



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

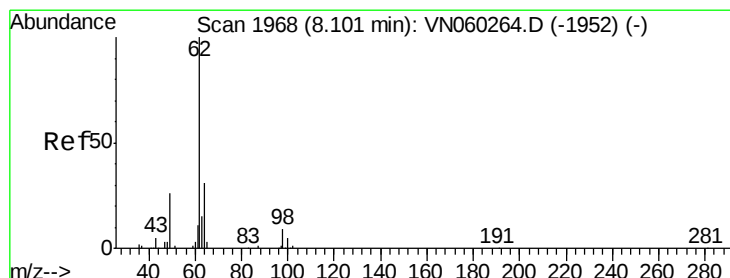
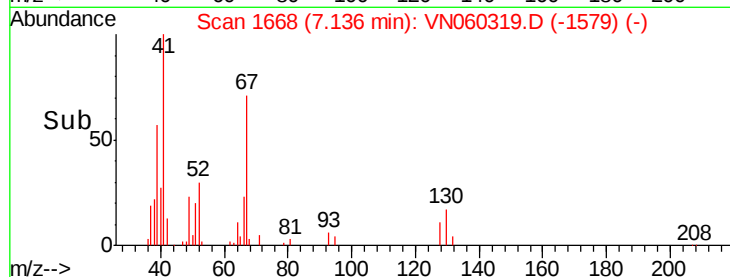
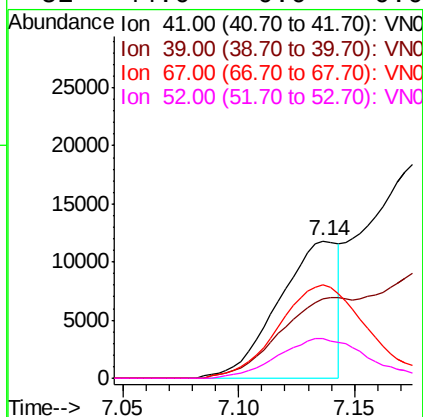
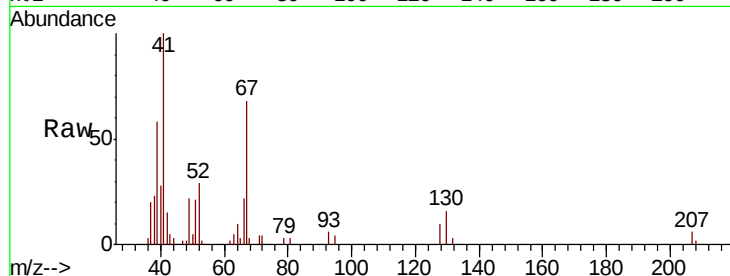




#41
Methacrylonitrile
Concen: 15.265 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

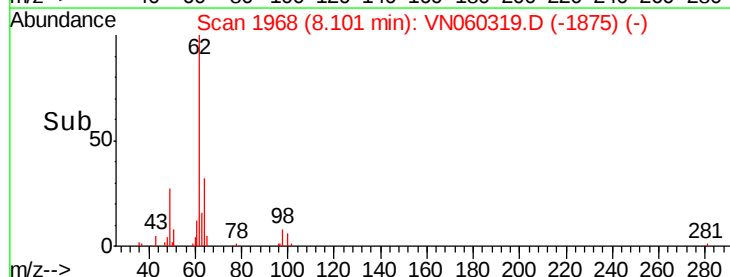
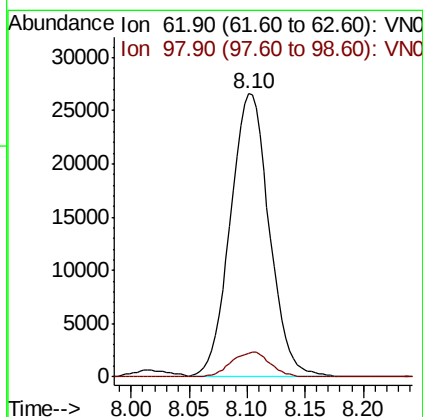
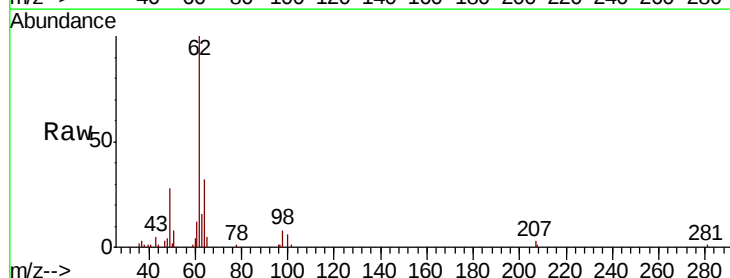
Instrument :
MSVOA_N
ClientSampled :

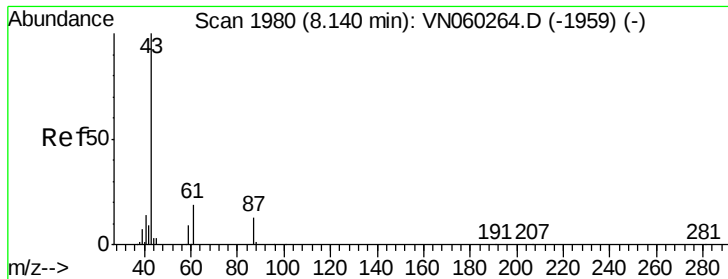
Tot Ion:	41	Resp:	21205
Ion	Ratio	Lower	Upper
41	100		
39	70.1	0.0	0.0#
67	102.3	0.0	0.0#
52	44.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.594 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion:	62	Resp:	62050
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





#43

Isopropyl Acetate

Concen: 19.073 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampled :

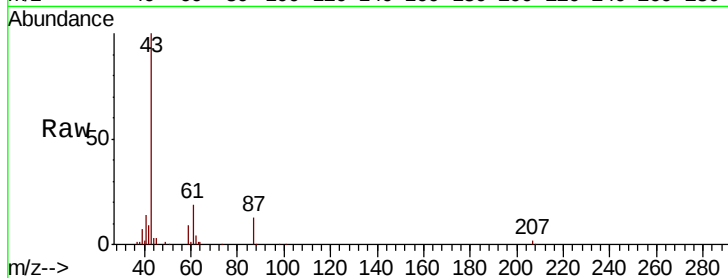
Tot Ion: 43 Resp: 100454

Ion Ratio Lower Upper

43 100

61 25.5 20.9 31.3

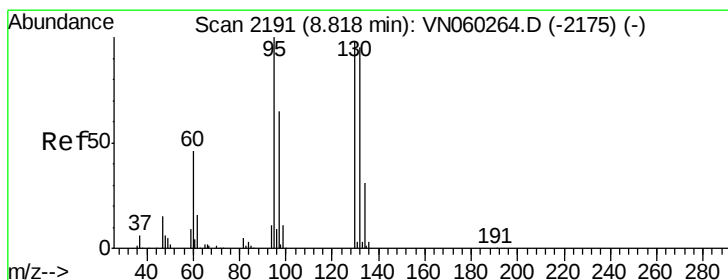
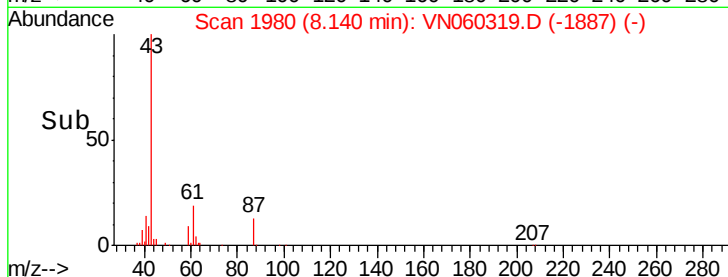
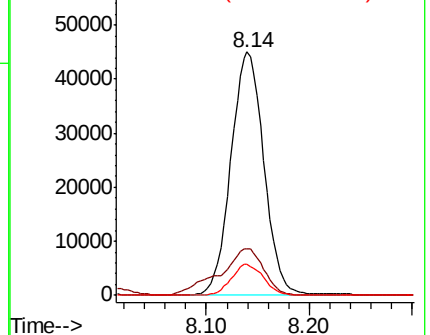
87 12.4 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060319.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060319.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060319.D (-1887) (-)



#44

Trichloroethene

Concen: 17.501 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060319.D

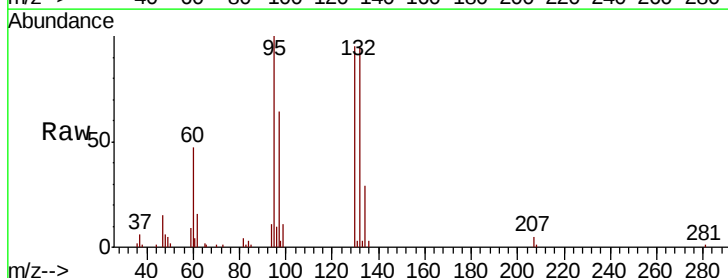
Acq: 3 Mar 2020 11:06

Tgt Ion:130 Resp: 45075

Ion Ratio Lower Upper

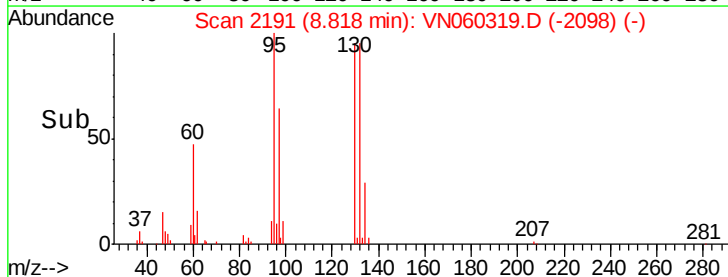
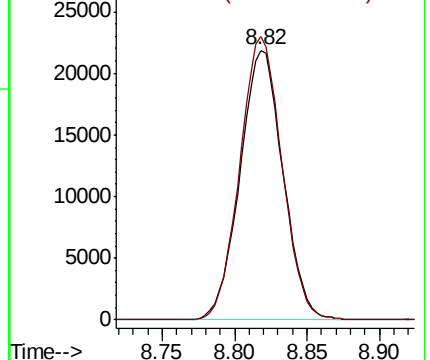
130 100

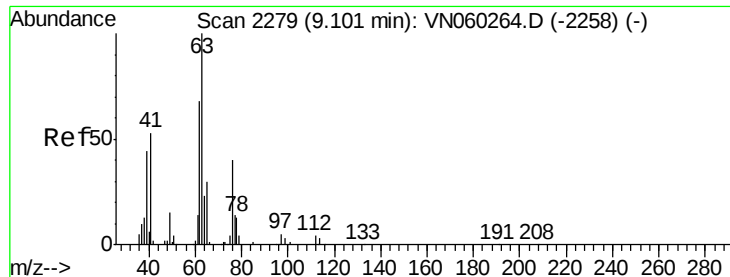
95 104.9 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060319.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060319.D (-2098) (-)

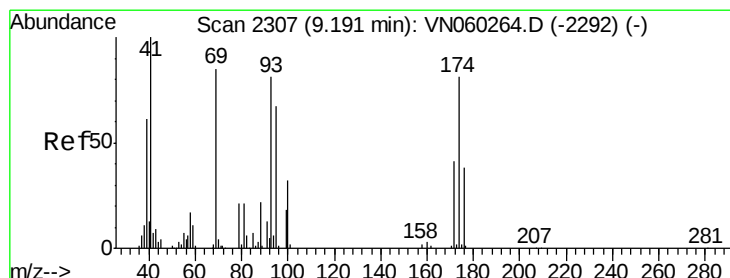
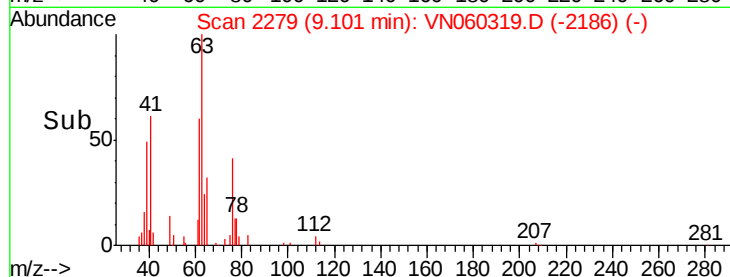
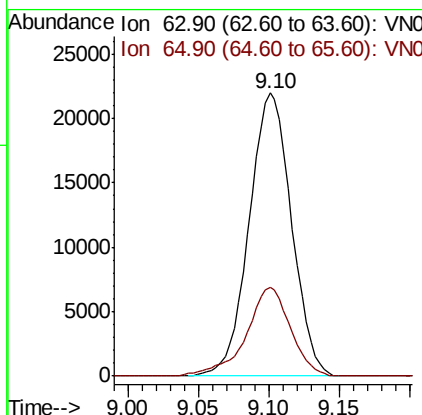
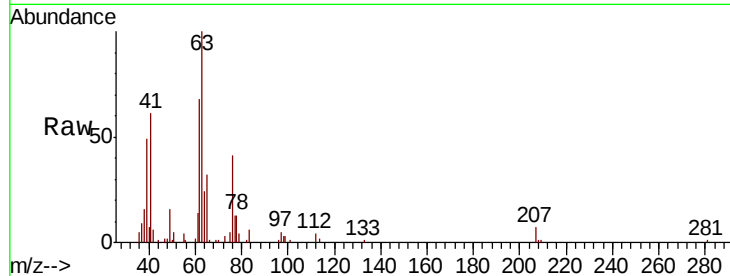




#45
 1,2-Dichloropropane
 Concen: 19.049 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

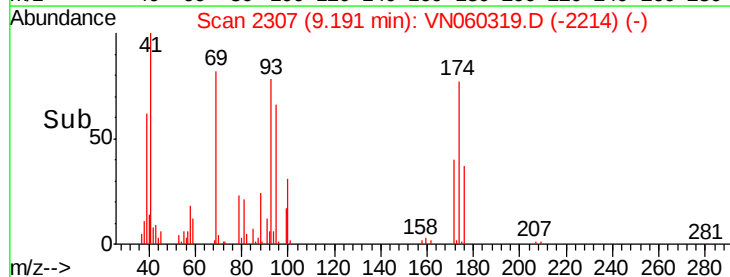
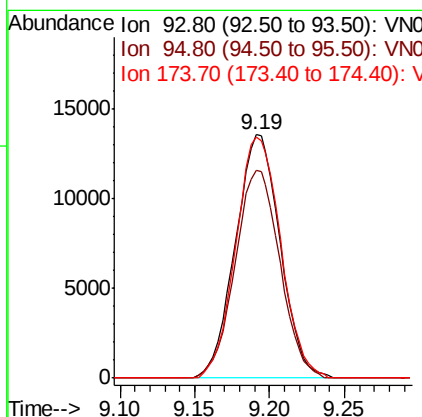
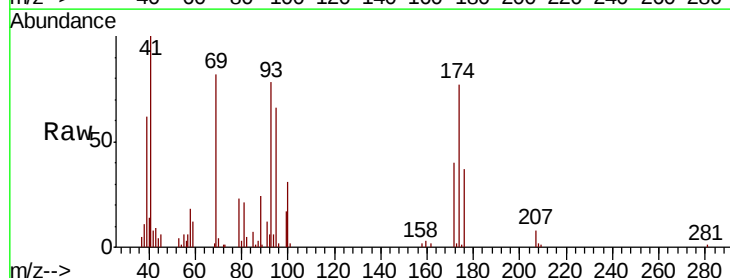
Instrument :
 MSVOA_N
 ClientSampled :

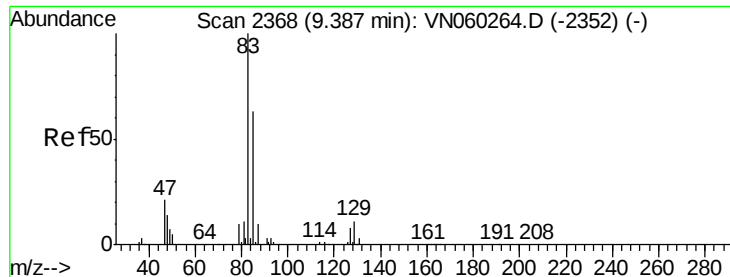
Tot Ion: 63 Resp: 46057
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.4 36.6



#46
 Dibromomethane
 Concen: 17.933 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion: 93 Resp: 28134
 Ion Ratio Lower Upper
 93 100
 95 85.7 65.9 98.9
 174 99.4 79.6 119.4





#47

Bromodichloromethane

Concen: 18.612 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :

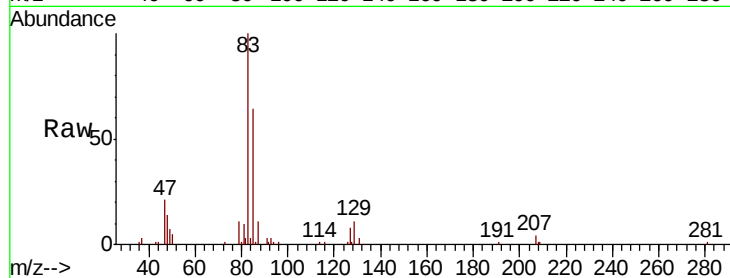
Tot Ion: 83 Resp: 59387

Ion Ratio Lower Upper

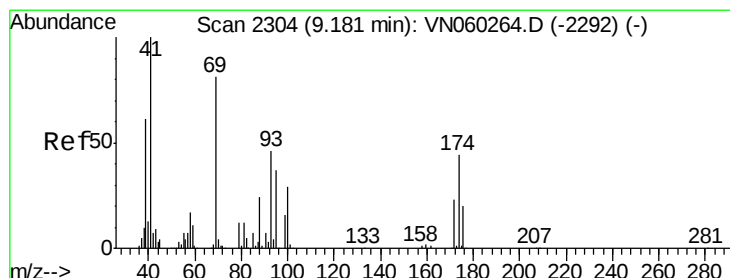
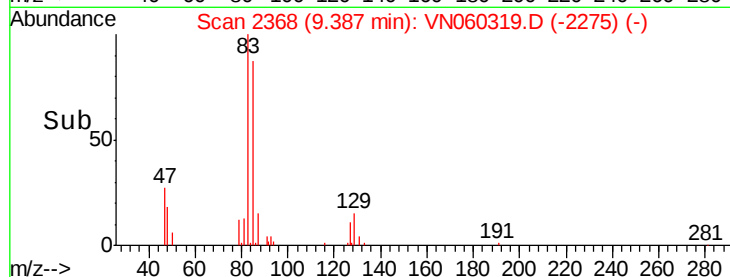
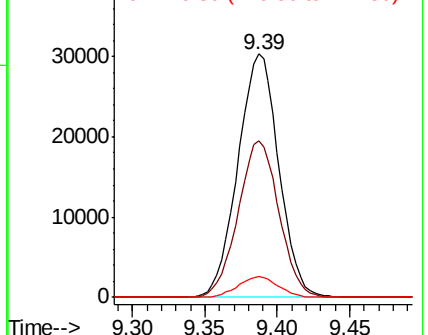
83 100

85 64.2 50.7 76.1

127 8.4 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: 17.841 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

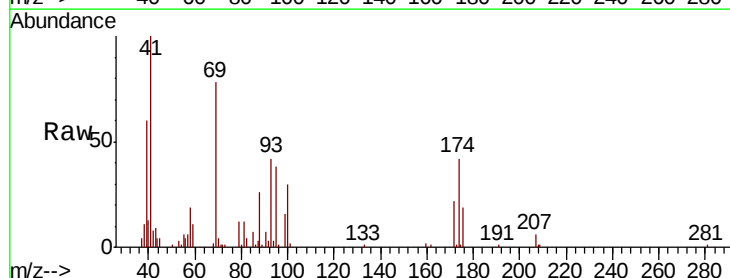
Tgt Ion: 41 Resp: 42851

Ion Ratio Lower Upper

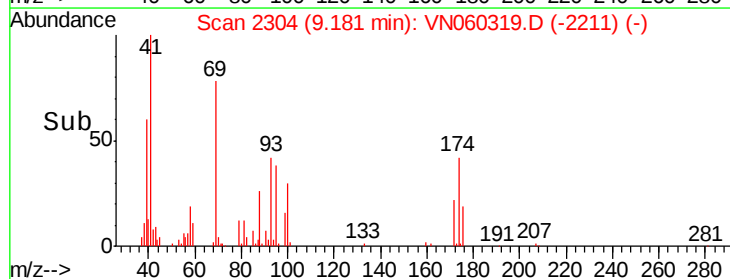
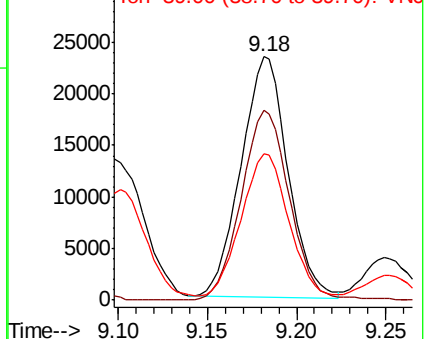
41 100

69 81.1 66.7 100.1

39 60.1 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

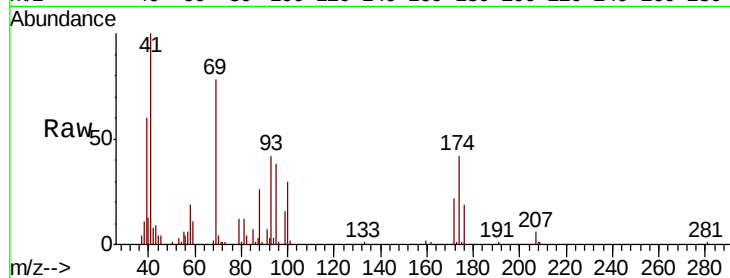




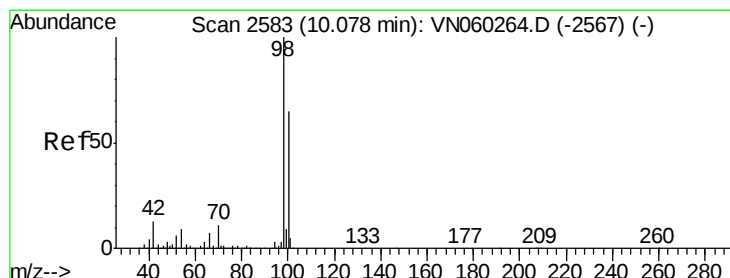
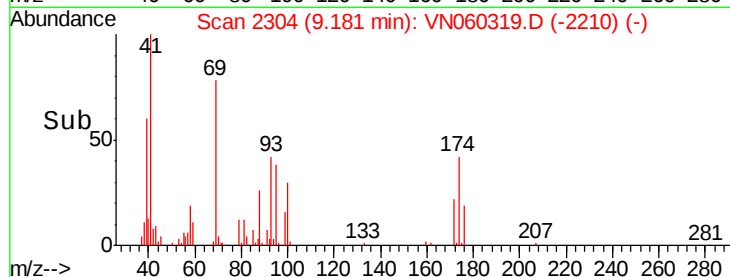
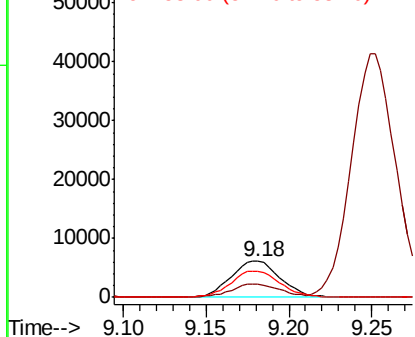
#49
1,4-Dioxane
Concen: 375.037 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 12667
Ion Ratio Lower Upper
88 100
43 36.5 30.4 45.6
58 72.6 57.0 85.6

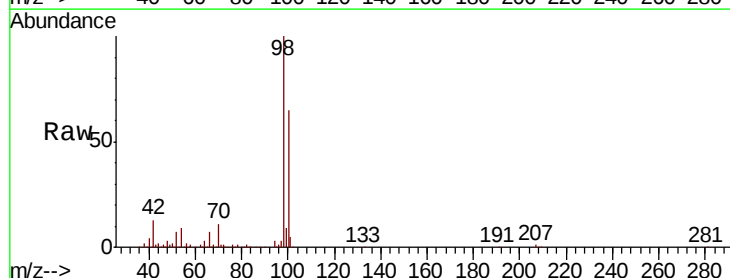


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

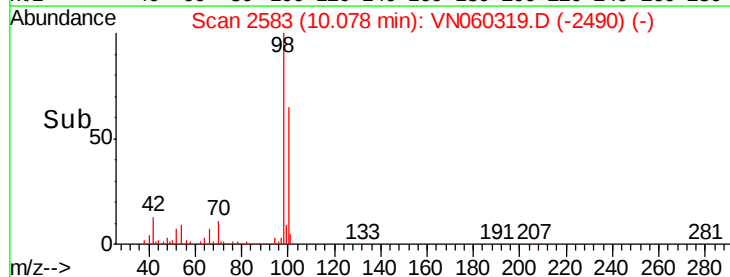
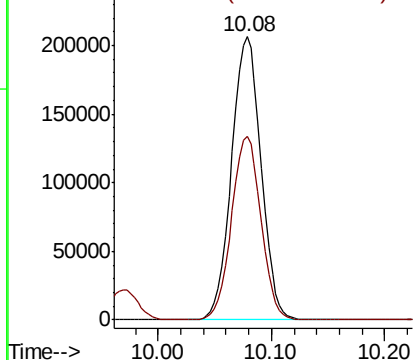


#50
Toluene-d8
Concen: 47.896 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 98 Resp: 375115
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



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

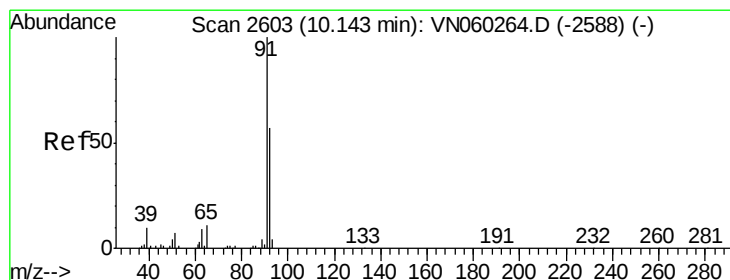
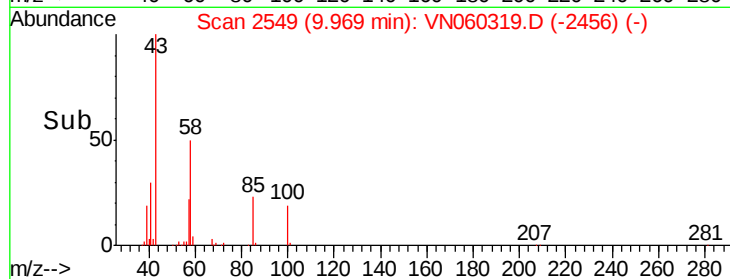
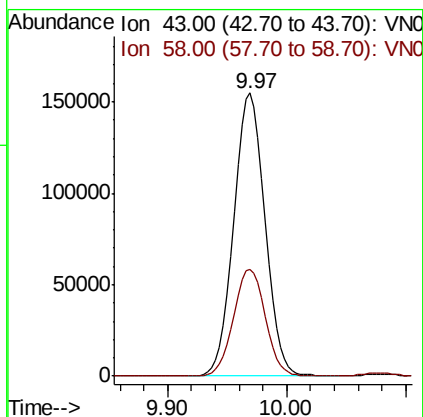
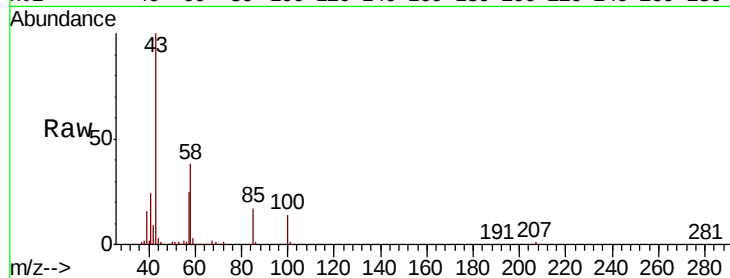




#51
 4-Methyl-2-Pentanone
 Concen: 94.228 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

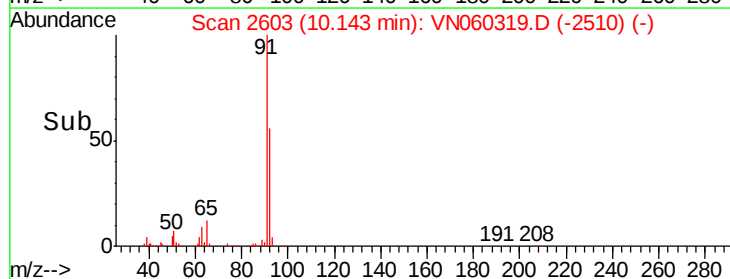
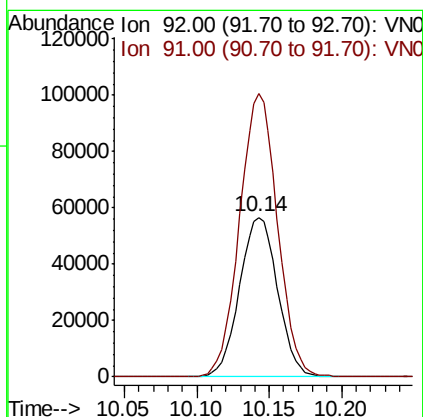
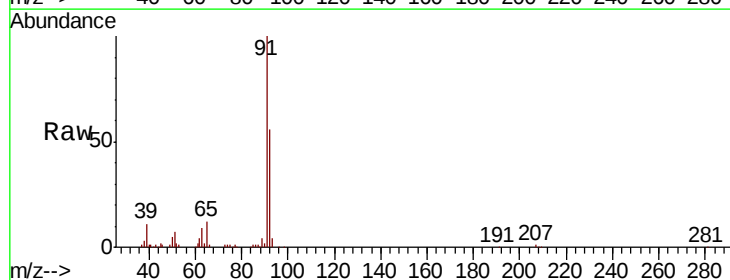
Instrument :
 MSVOA_N
 ClientSampleId :

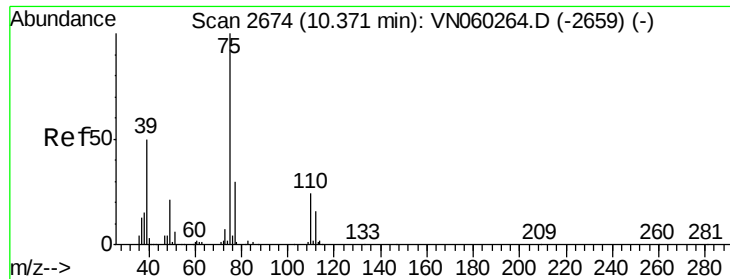
Tot Ion: 43 Resp: 281386
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.9 46.3



#52
 Toluene
 Concen: 17.820 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion: 92 Resp: 103516
 Ion Ratio Lower Upper
 92 100
 91 176.2 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 17.724 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

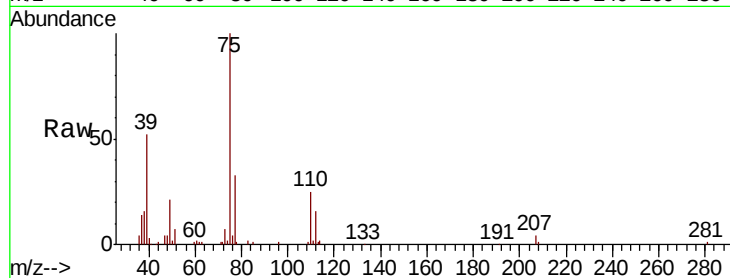
ClientSampleId :

Tot Ion: 75 Resp: 69296

Ion Ratio Lower Upper

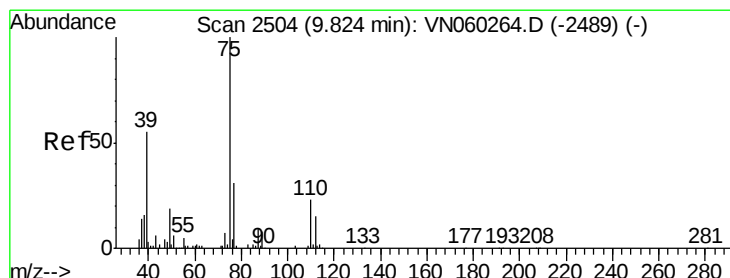
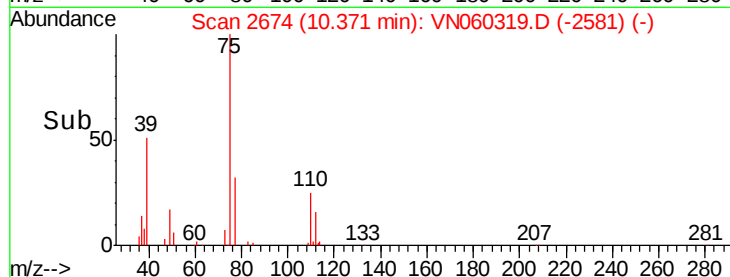
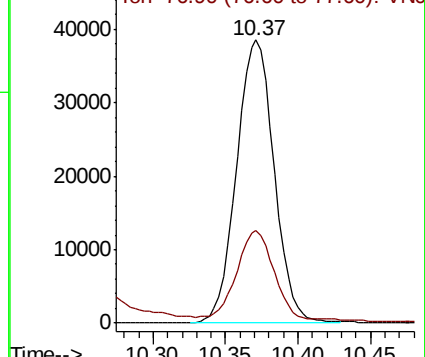
75 100

77 31.3 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: 18.117 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

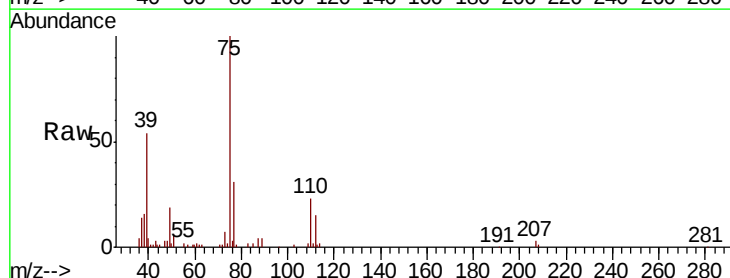
Tgt Ion: 75 Resp: 73399

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

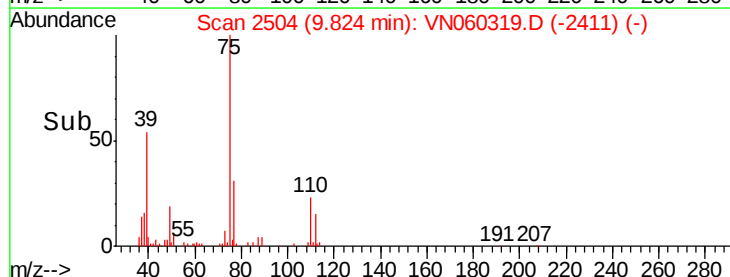
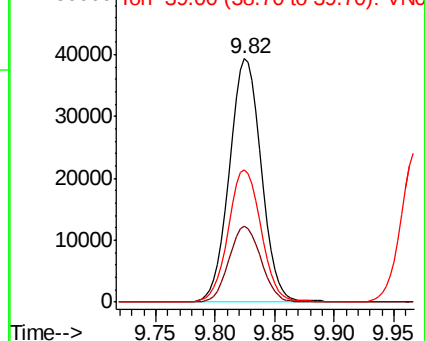
39 54.3 43.8 65.8

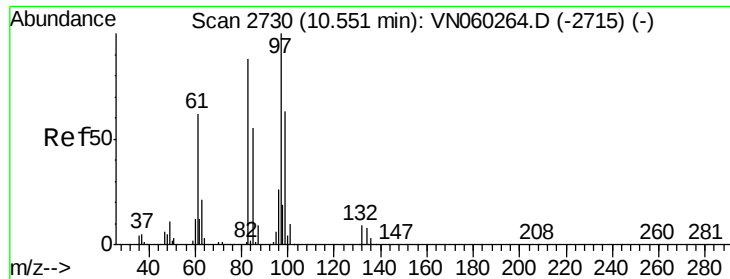


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

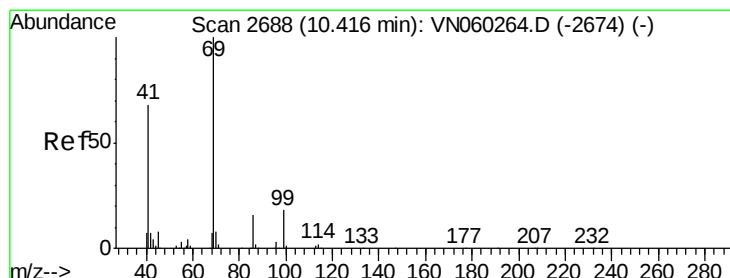
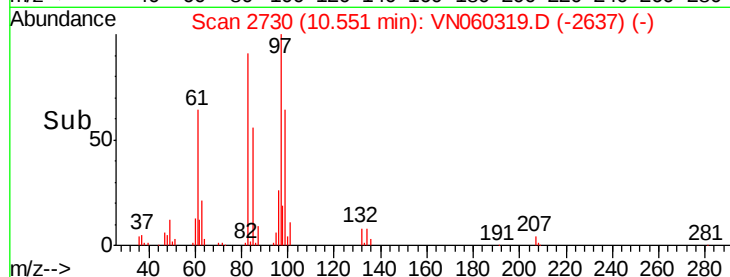
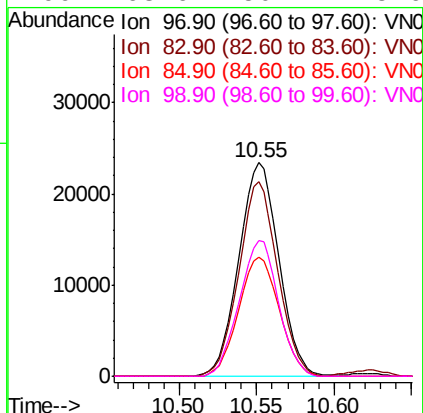
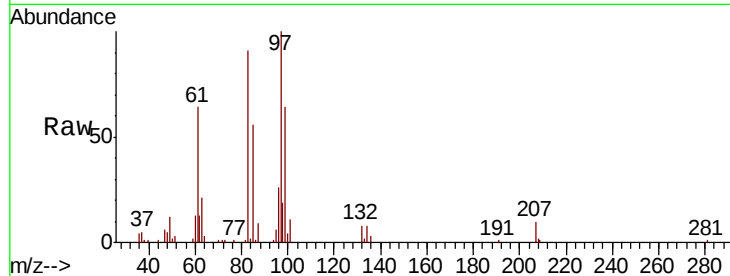




#55
 1,1,2-Trichloroethane
 Concen: 18.032 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

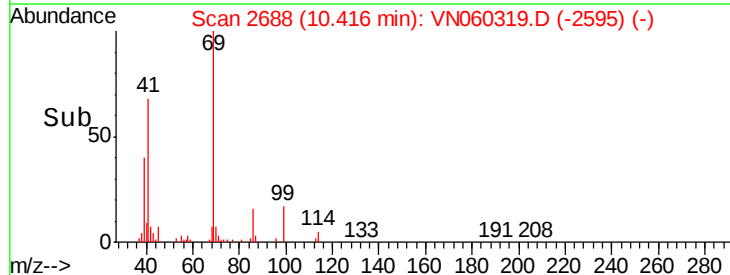
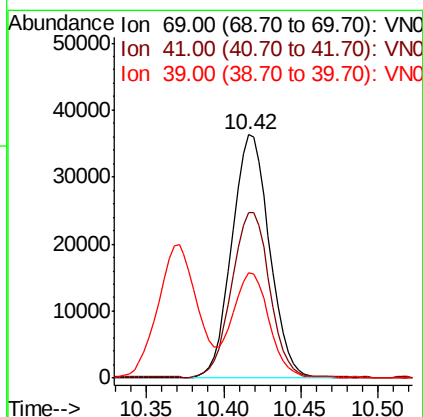
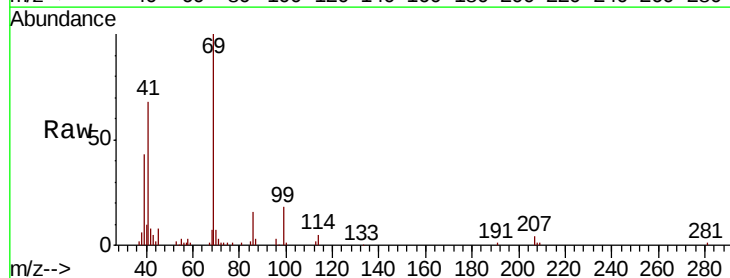
Instrument :
 MSVOA_N
 ClientSampleId :

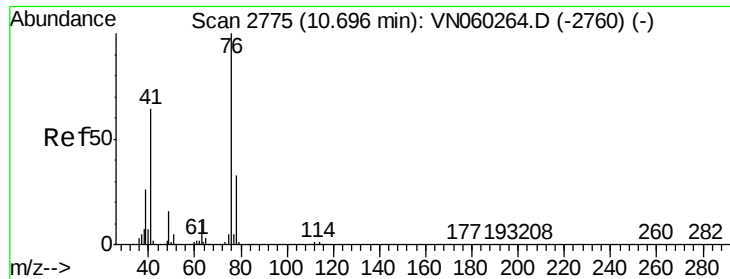
Tot Ion:	97	Resp:	42124
Ion	Ratio	Lower	Upper
97	100		
83	91.4	70.0	105.0
85	56.0	44.0	66.0
99	63.6	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 18.264 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion:	69	Resp:	61295
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.1	81.1
39	42.1	32.5	48.7





#57

1,3-Dichloropropane

Concen: 18.623 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

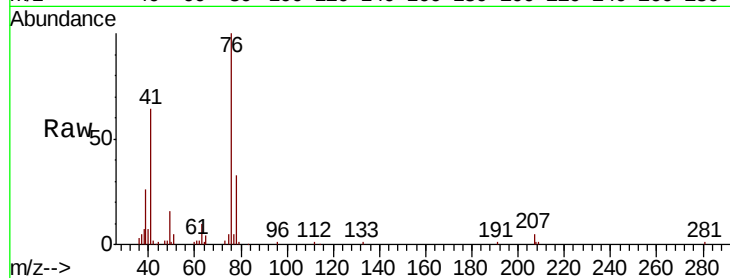
ClientSampleId :

Tot Ion: 76 Resp: 70946

Ion Ratio Lower Upper

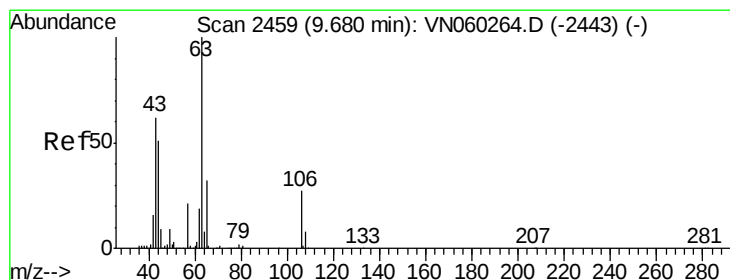
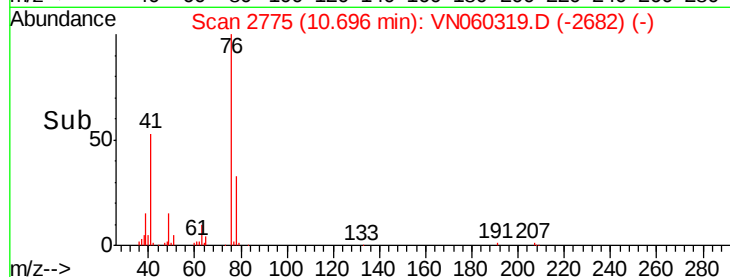
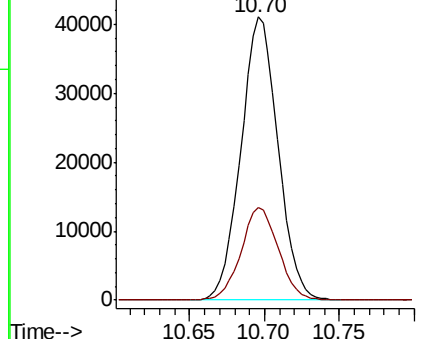
76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN060319.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060319.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 87.955 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060319.D

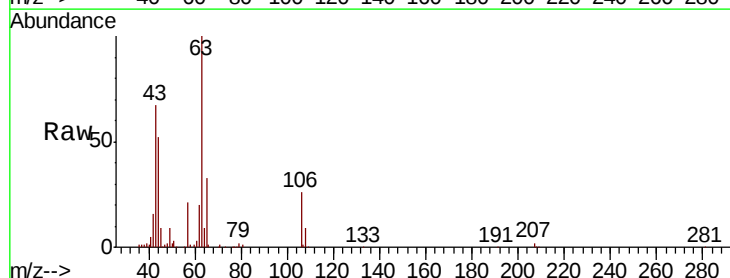
Acq: 3 Mar 2020 11:06

Tgt Ion: 63 Resp: 154385

Ion Ratio Lower Upper

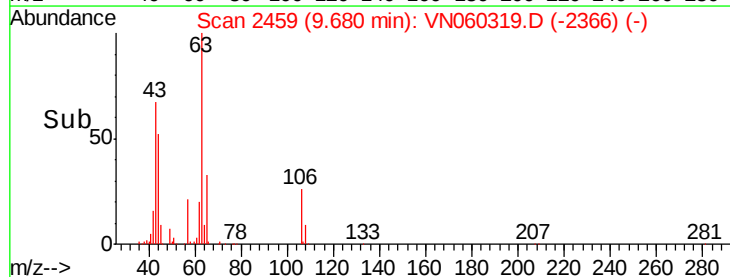
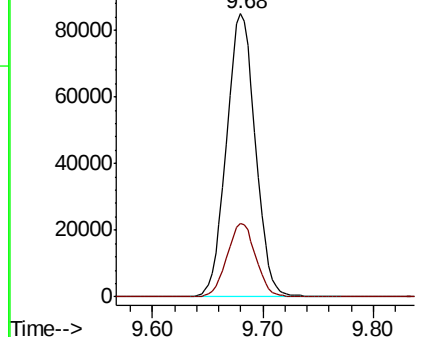
63 100

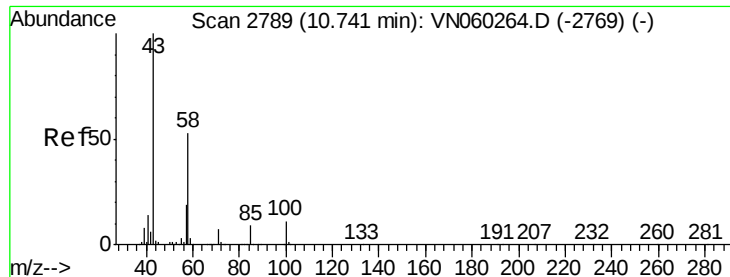
106 25.7 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN060319.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060319.D (-2366) (-)

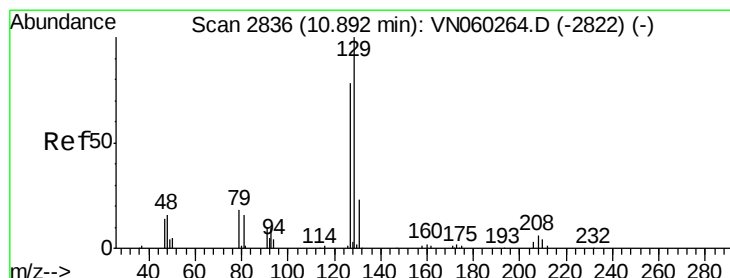
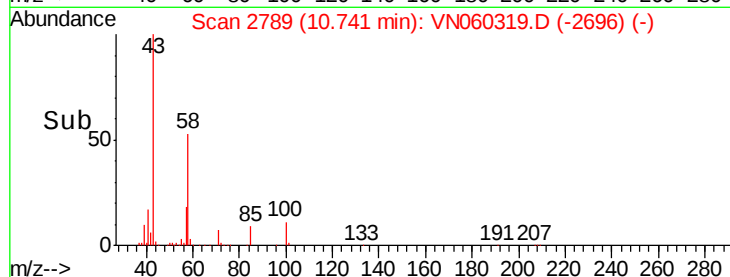
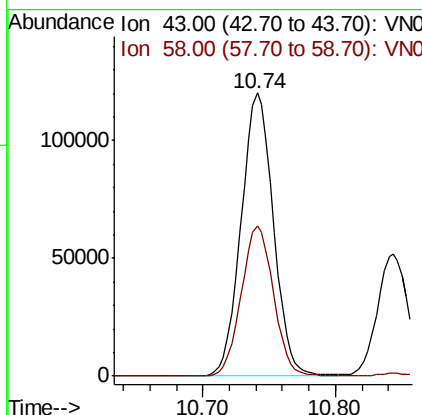
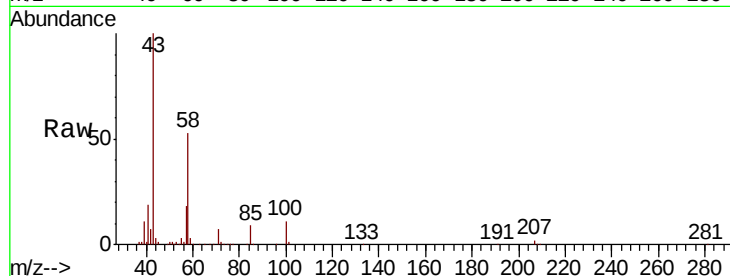




#59
2-Hexanone
Concen: 92.881 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

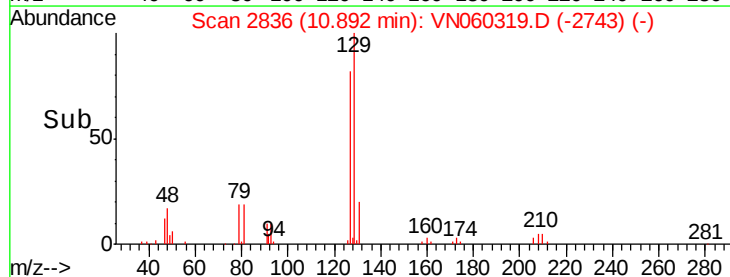
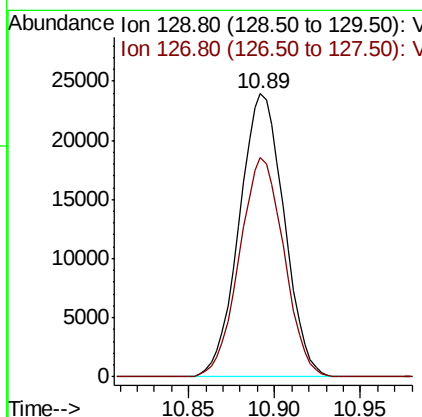
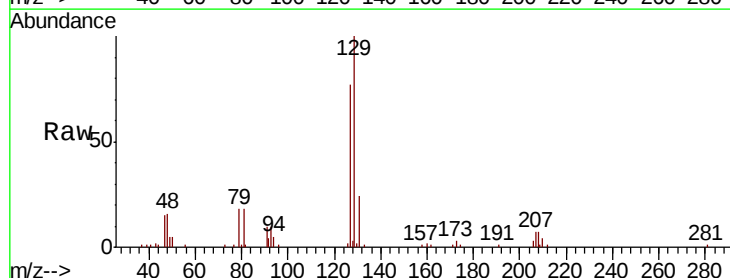
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 203647
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5



#60
Dibromochloromethane
Concen: 18.247 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 129 Resp: 43350
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

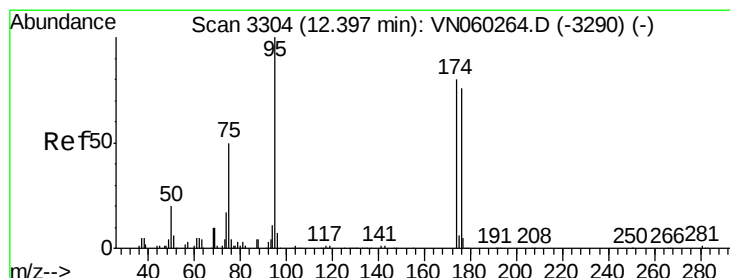
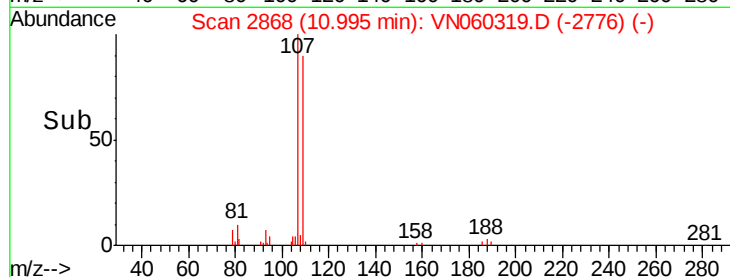
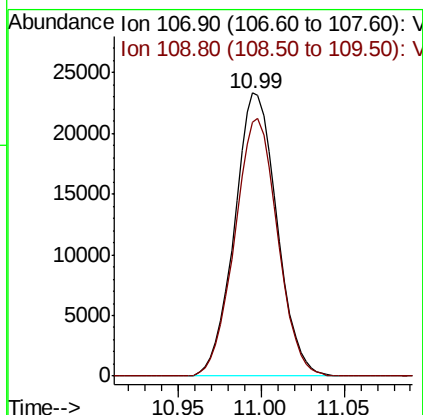
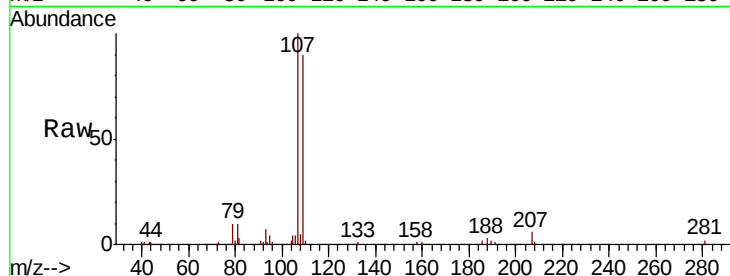




#61
 1,2-Dibromoethane
 Concen: 18.238 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

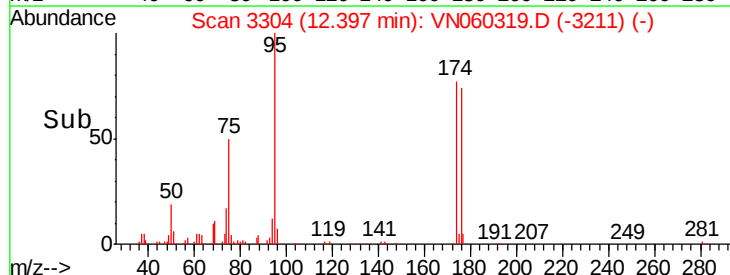
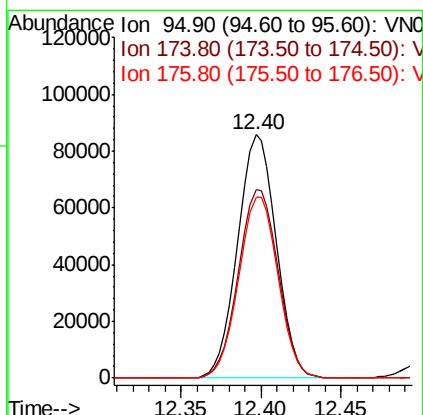
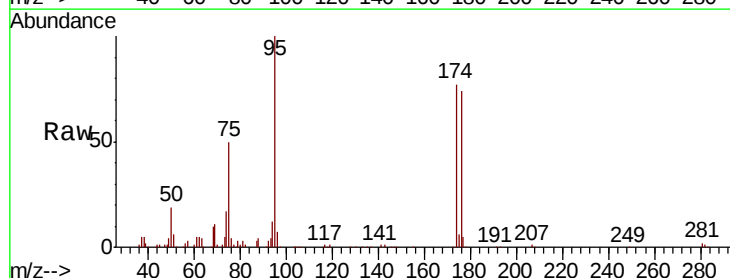
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 107 Resp: 41533
 Ion Ratio Lower Upper
 107 100
 109 91.7 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 47.551 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion: 95 Resp: 141172
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 159.2
 176 75.7 0.0 153.8

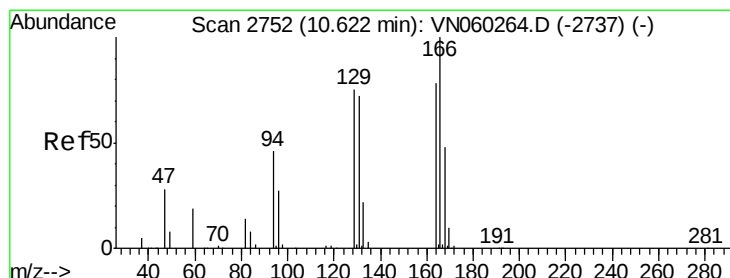
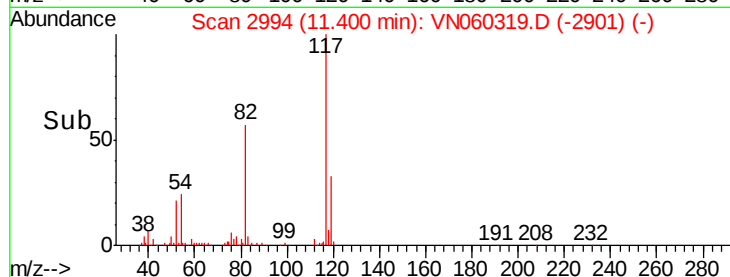
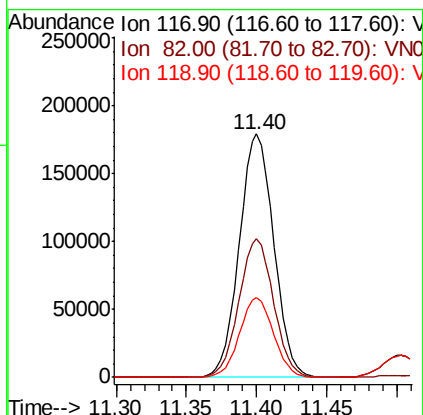
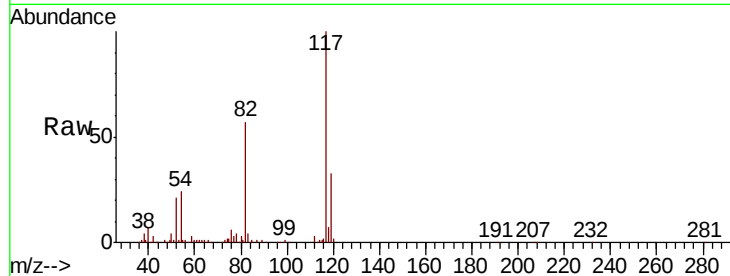




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

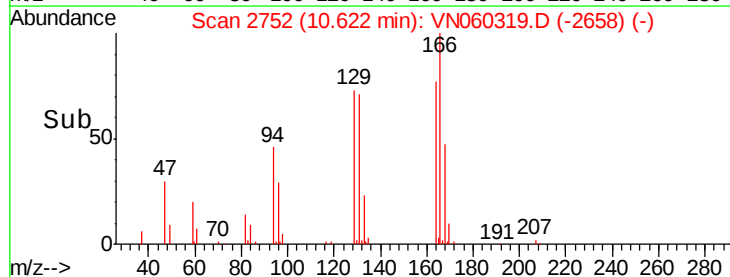
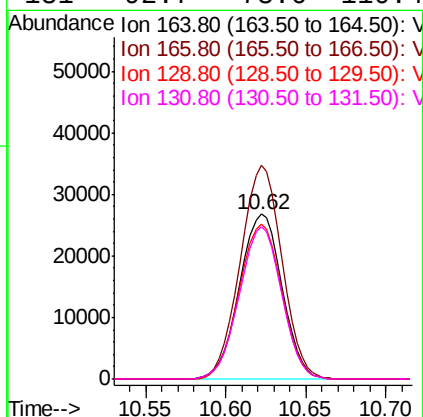
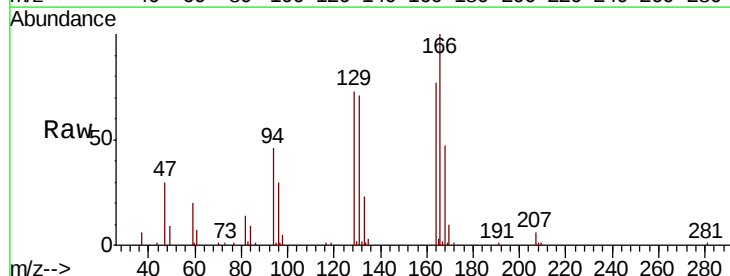
Instrument :
MSVOA_N
ClientSampled :

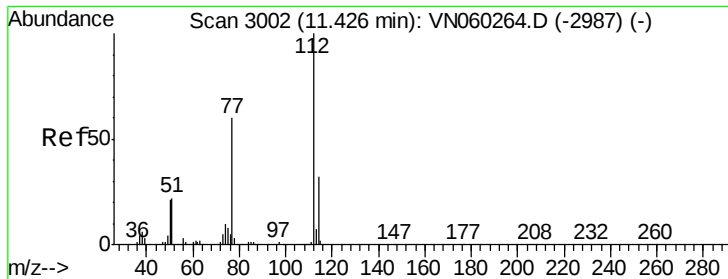
Tot Ion:117 Resp: 307173
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.6
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 19.239 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion:164 Resp: 48635
Ion Ratio Lower Upper
164 100
166 129.7 102.0 153.0
129 94.2 76.4 114.6
131 92.7 73.6 110.4

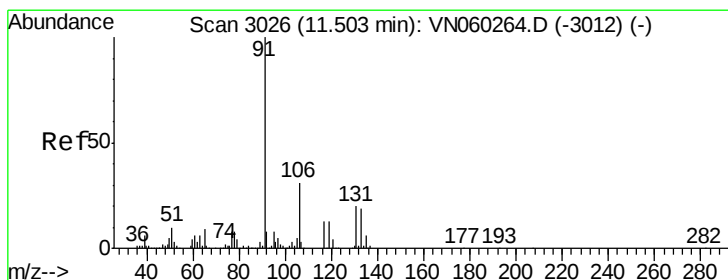
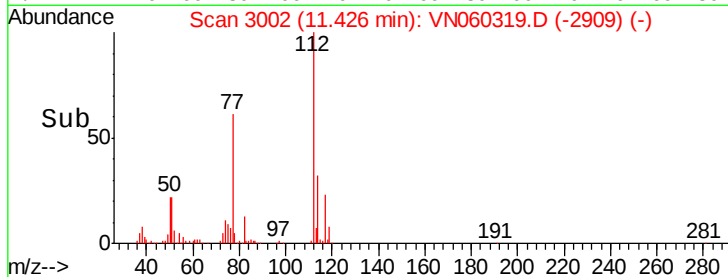
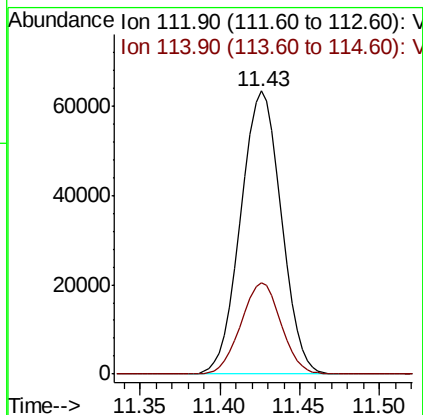
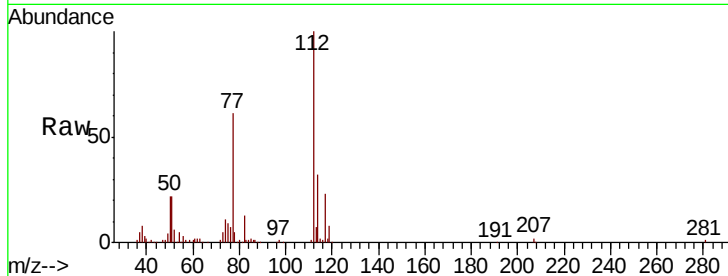




#65
Chlorobenzene
Concen: 17.677 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

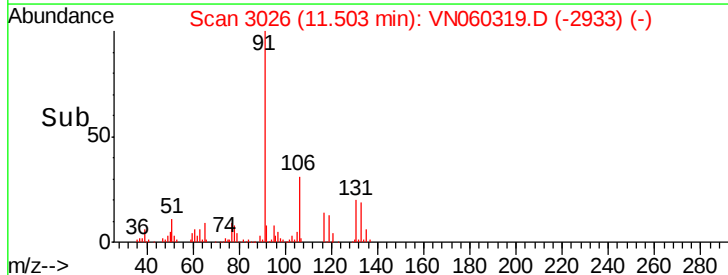
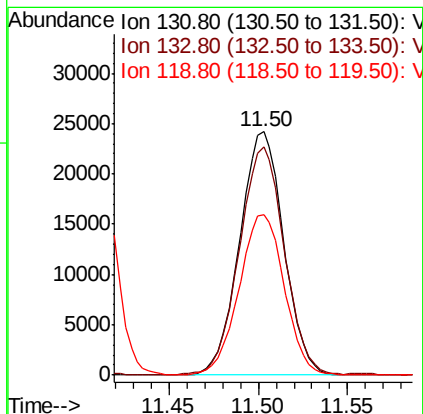
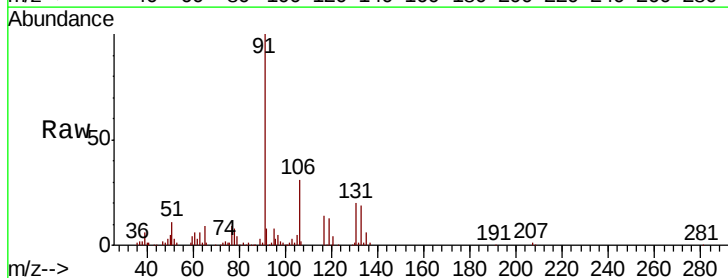
Instrument :
MSVOA_N
ClientSampled :

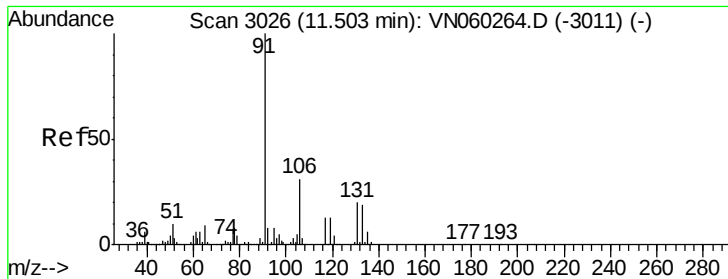
Tot Ion:112 Resp: 109645
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.190 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion:131 Resp: 41716
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 67.5 33.2 99.6





#67

Ethyl Benzene

Concen: 17.940 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

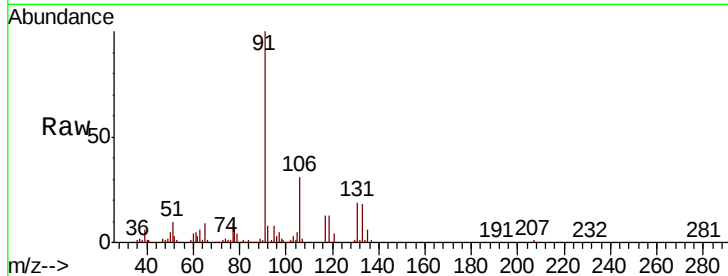
ClientSampled :

Tot Ion: 91 Resp: 202643

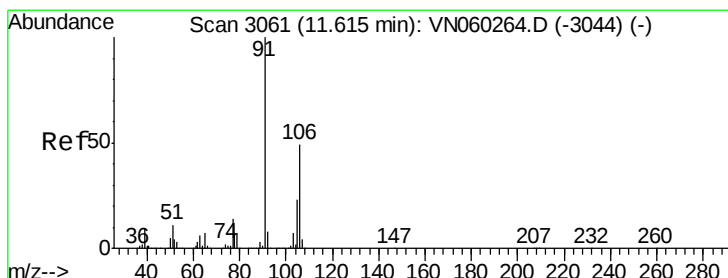
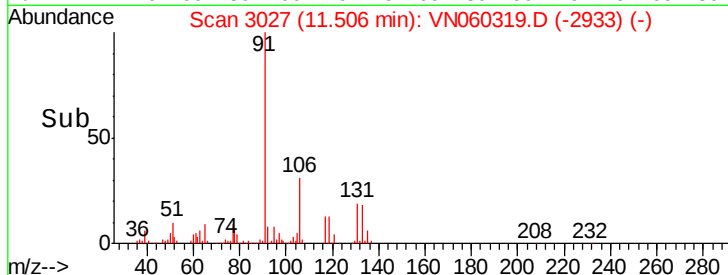
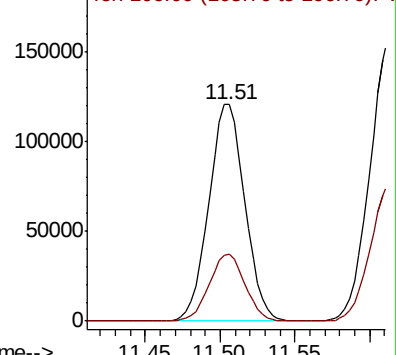
Ion Ratio Lower Upper

91 100

106 31.0 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3011) (-)



#68

m/p-Xylenes

Concen: 35.404 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060319.D

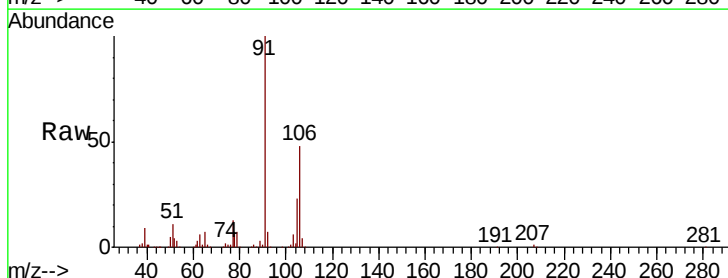
Acq: 3 Mar 2020 11:06

Tgt Ion: 106 Resp: 150879

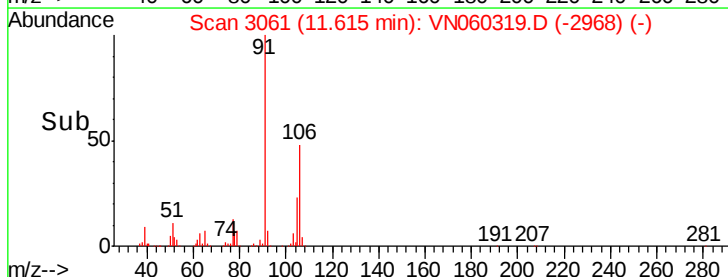
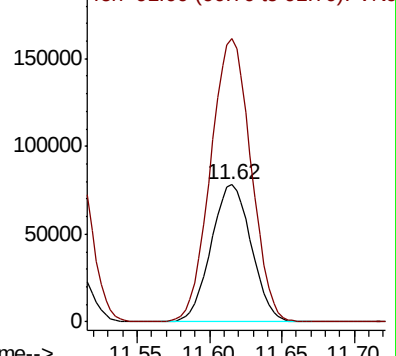
Ion Ratio Lower Upper

106 100

91 207.2 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060264.D (-3044) (-)

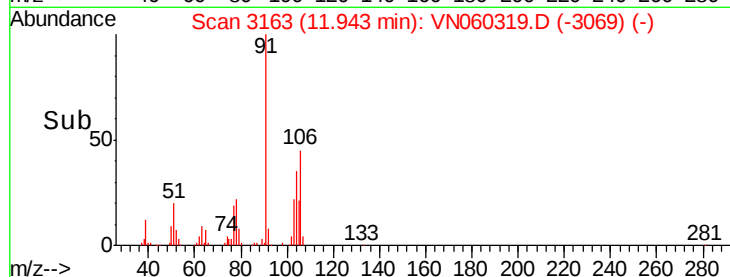
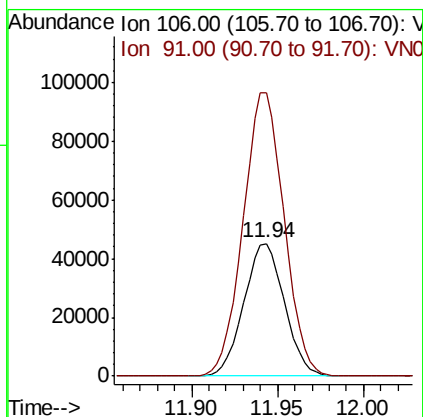
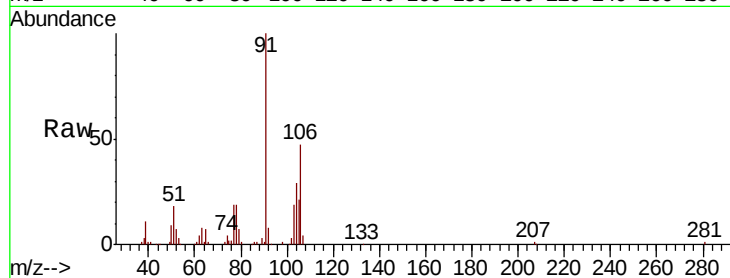




#69
o-Xylene
Concen: 18.202 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

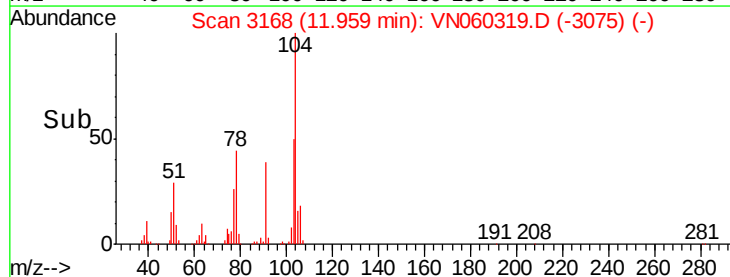
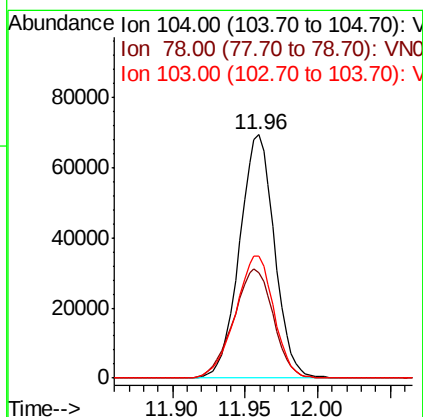
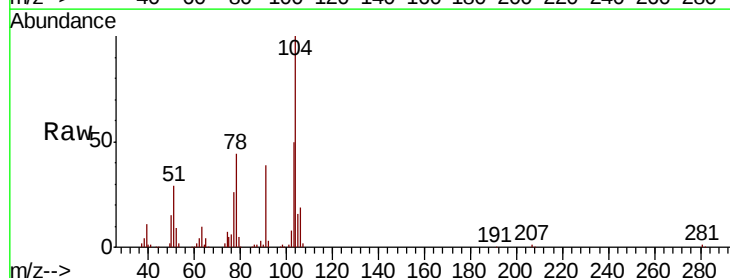
Instrument :
MSVOA_N
ClientSampled :

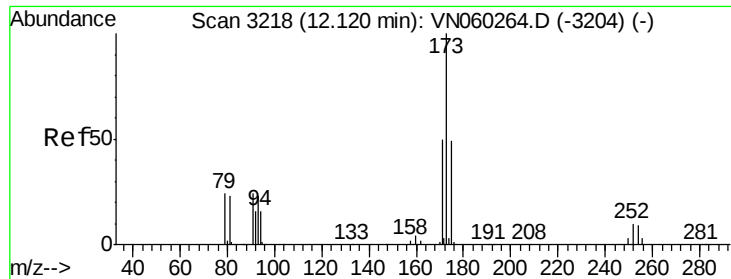
Tot Ion:106 Resp: 73970
Ion Ratio Lower Upper
106 100
91 215.2 109.5 328.4



#70
Styrene
Concen: 17.483 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion:104 Resp: 116813
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 55.2 43.9 65.9

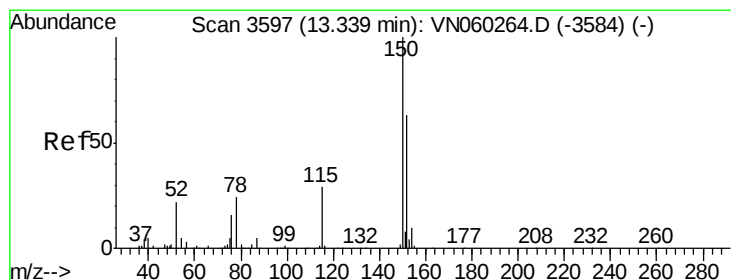
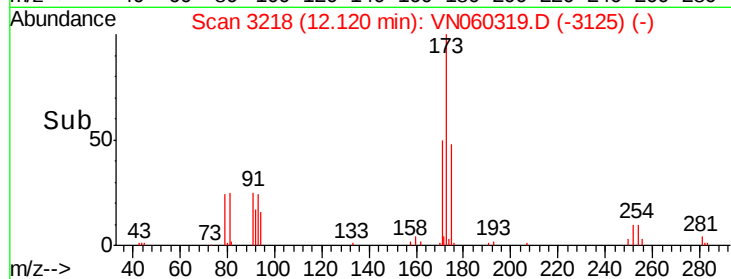
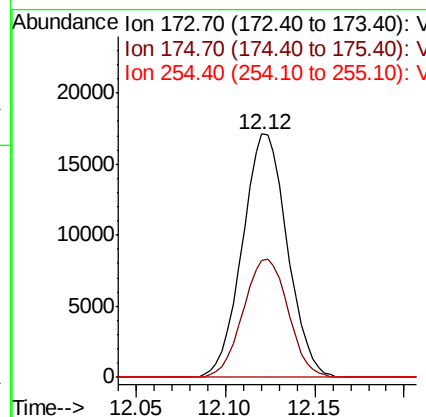
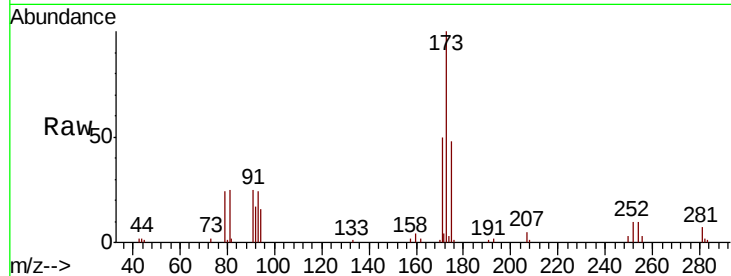




#71
Bromoform
Concen: 18.155 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

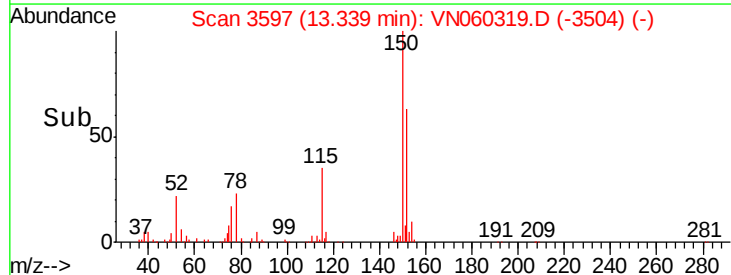
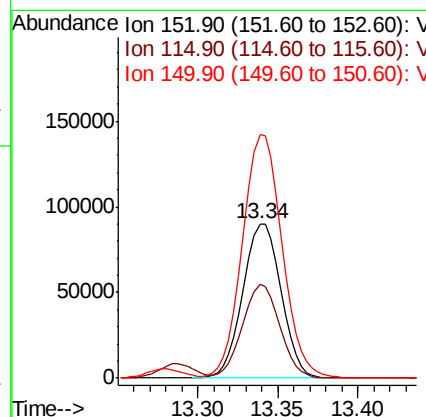
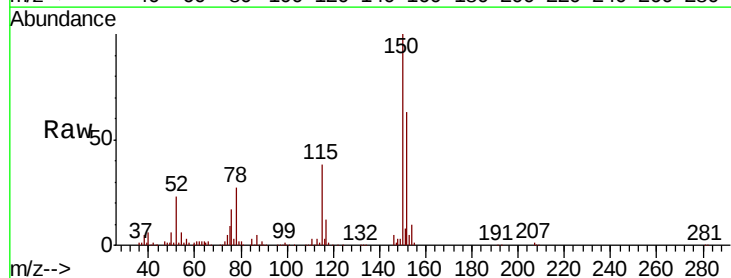
Instrument :
MSVOA_N
ClientSampled :

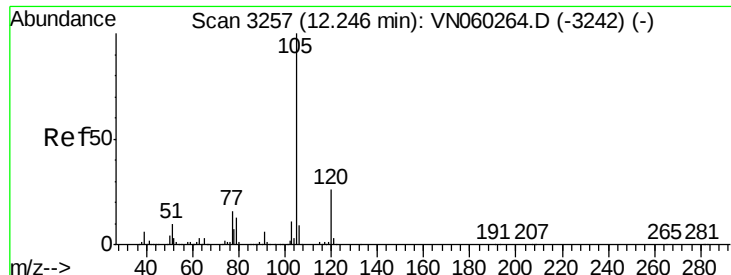
Tot Ion:173 Resp: 30008
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion:152 Resp: 147124
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 163.6 0.0 349.6





#73

Isopropylbenzene

Concen: 18.194 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

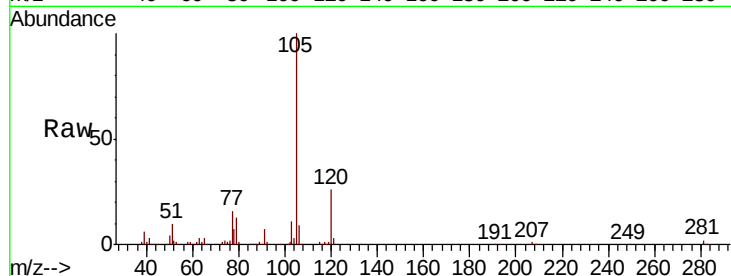
ClientSampled :

Tot Ion:105 Resp: 198400

Ion Ratio Lower Upper

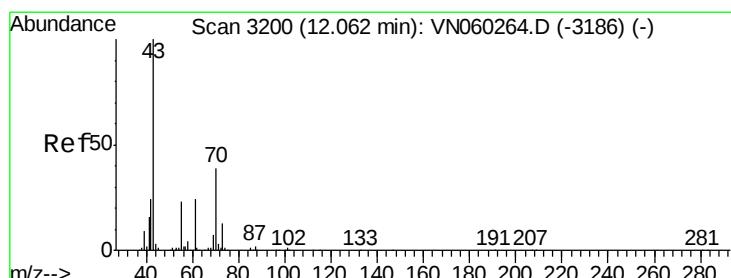
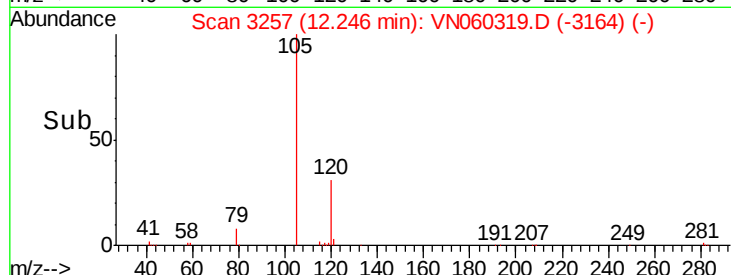
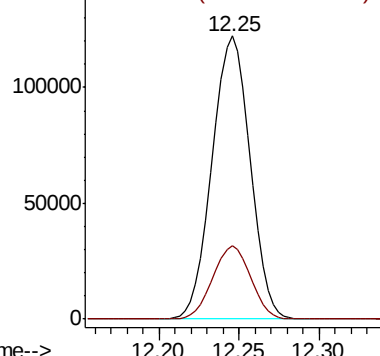
105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.746 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Tgt Ion: 43 Resp: 84562

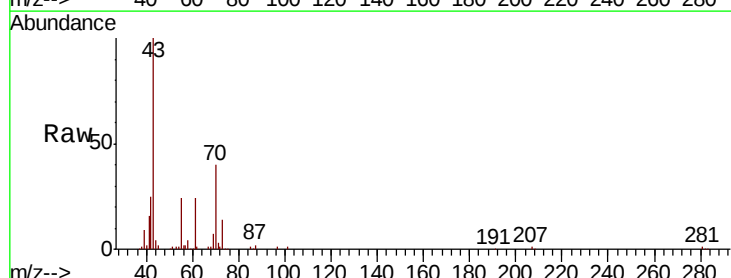
Ion Ratio Lower Upper

43 100

70 40.0 32.2 48.2

55 22.9 18.2 27.4

61 23.3 19.2 28.8

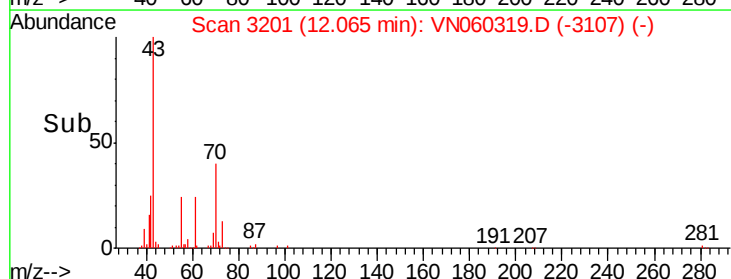
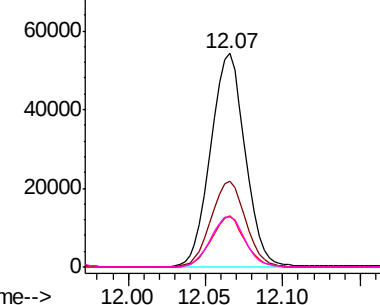


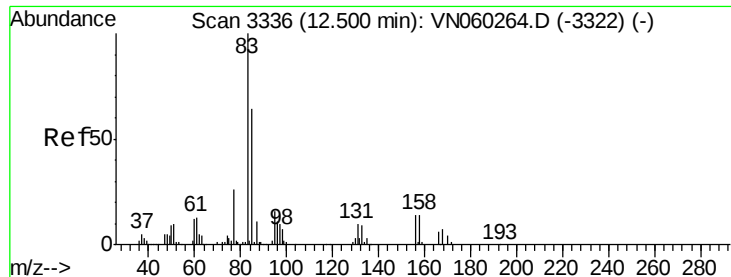
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.622 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

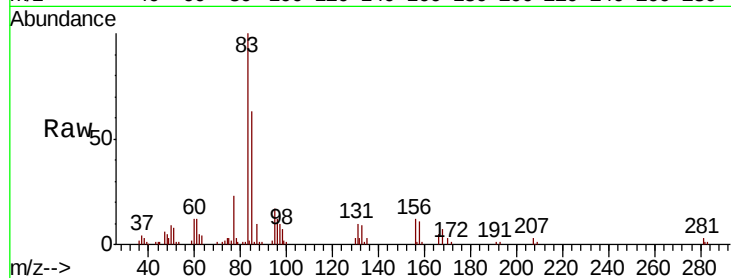
Tot Ion: 83 Resp: 55198

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

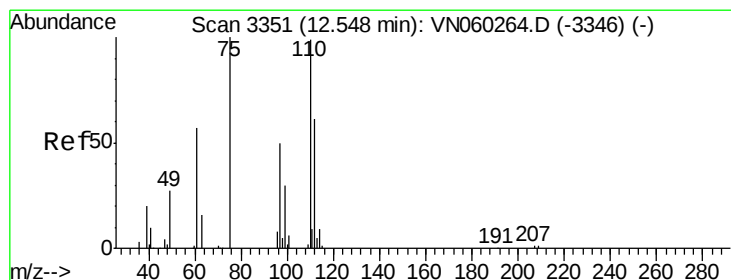
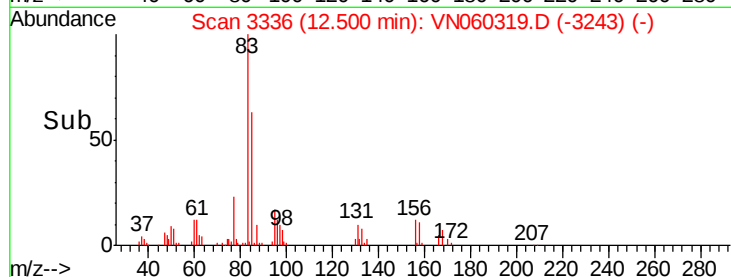
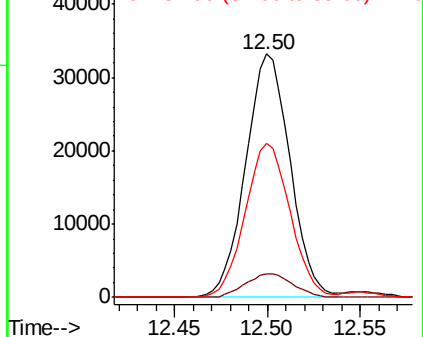
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.321 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN060319.D

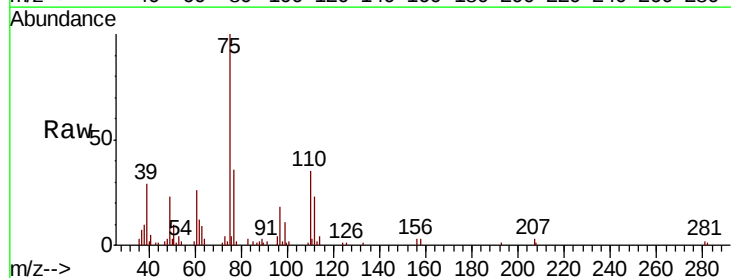
Acq: 3 Mar 2020 11:06

Tgt Ion: 75 Resp: 78507

Ion Ratio Lower Upper

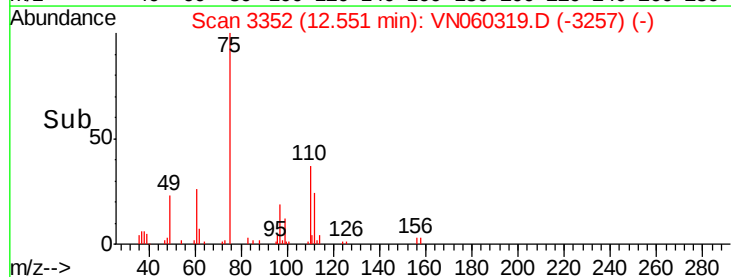
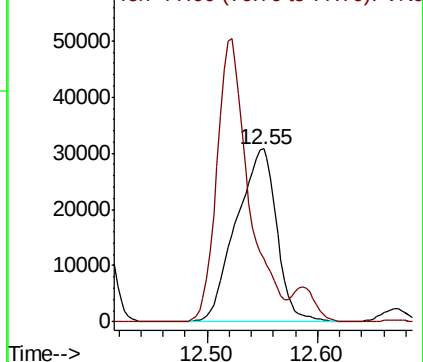
75 100

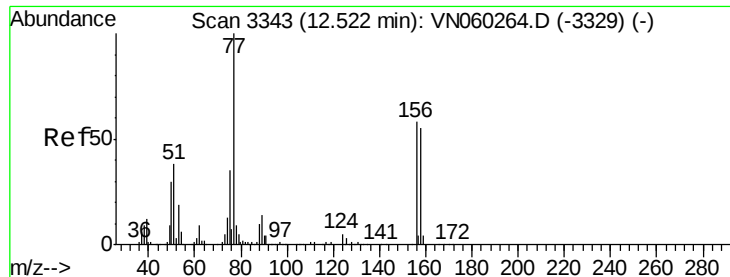
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.677 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

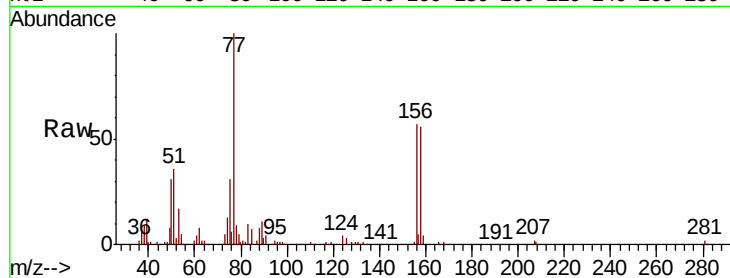
Tot Ion:156 Resp: 47251

Ion Ratio Lower Upper

156 100

77 212.9 106.1 318.3

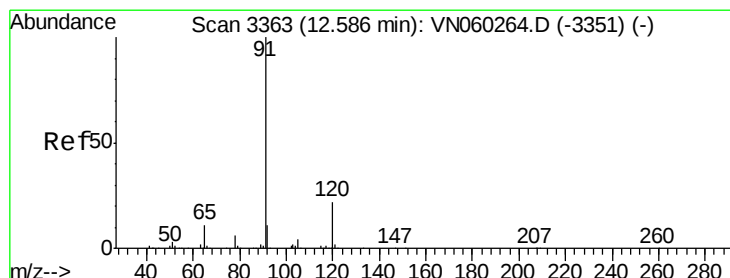
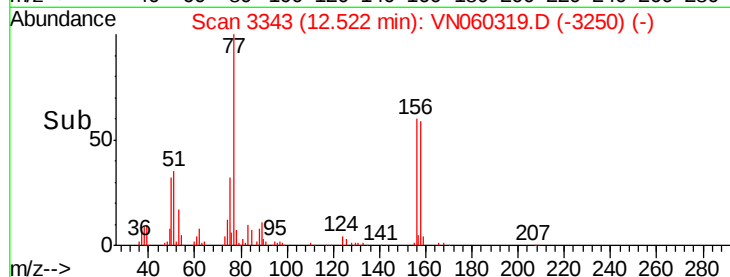
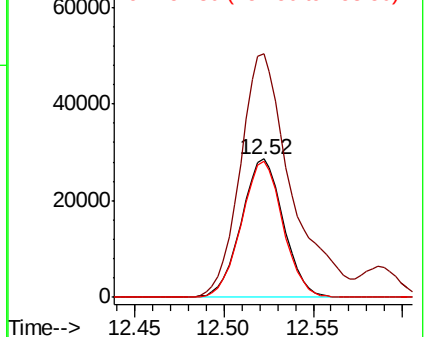
158 96.7 48.3 144.8



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: 18.079 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060319.D

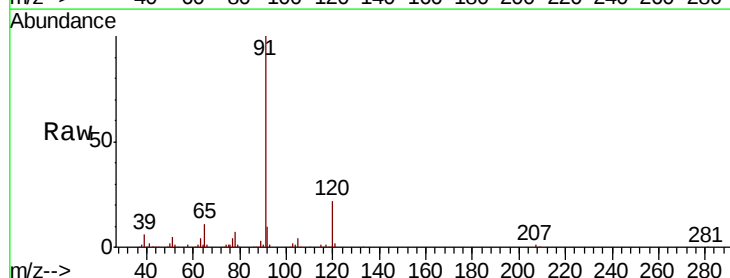
Acq: 3 Mar 2020 11:06

Tgt Ion: 91 Resp: 231085

Ion Ratio Lower Upper

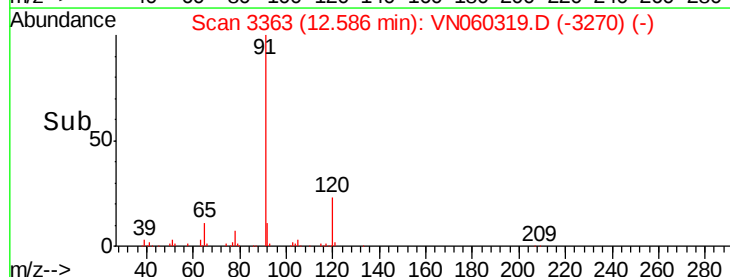
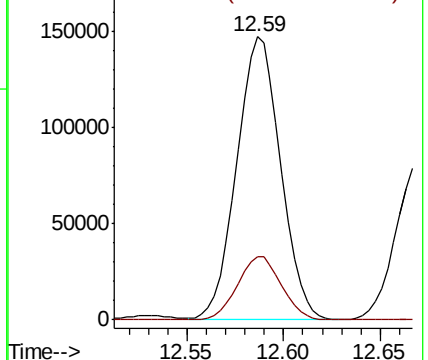
91 100

120 22.5 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: 18.214 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

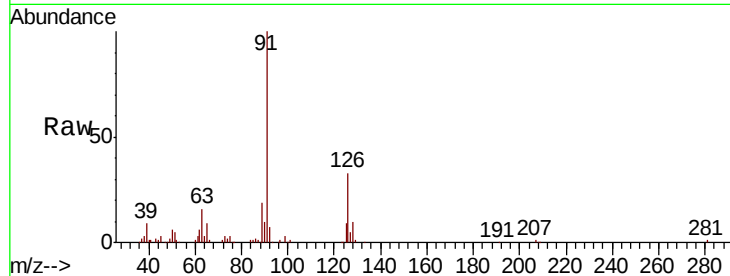
ClientSampleId :

Tot Ion: 91 Resp: 136854

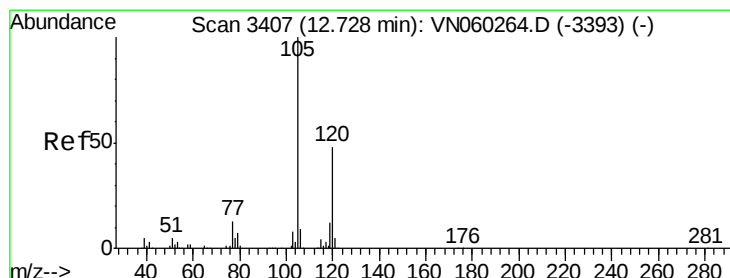
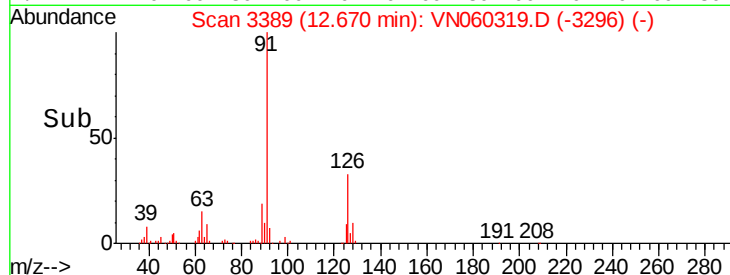
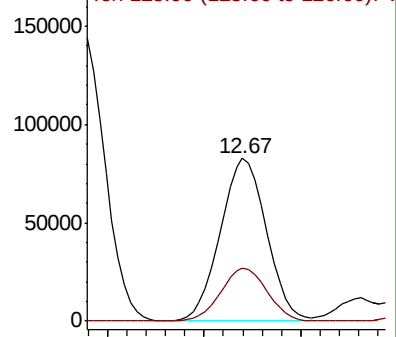
Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060319.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.221 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060319.D

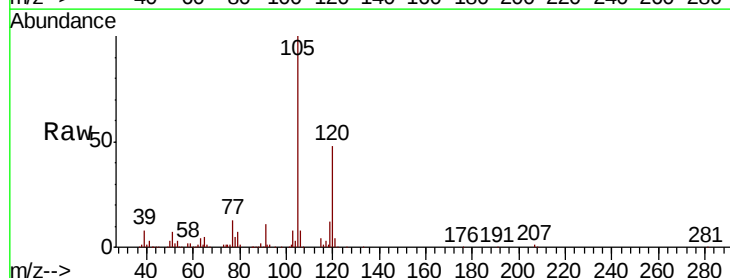
Acq: 3 Mar 2020 11:06

Tgt Ion: 105 Resp: 167292

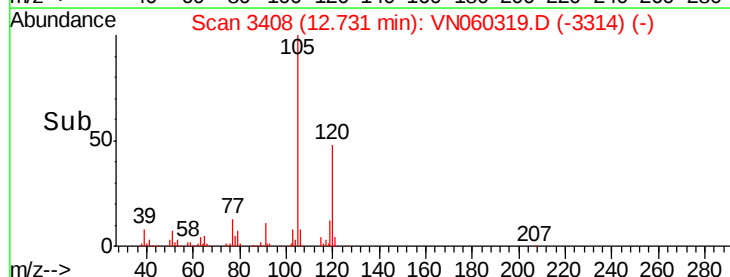
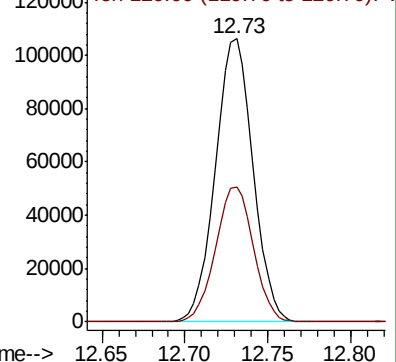
Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060319.D (-3393) (-)

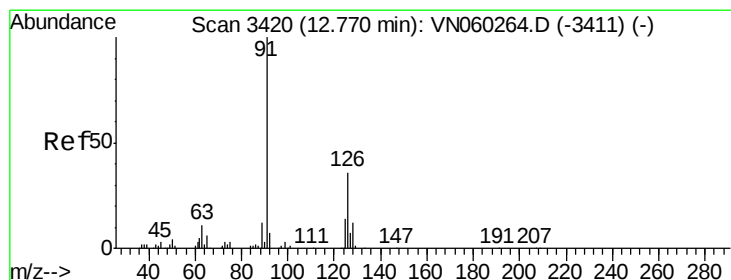
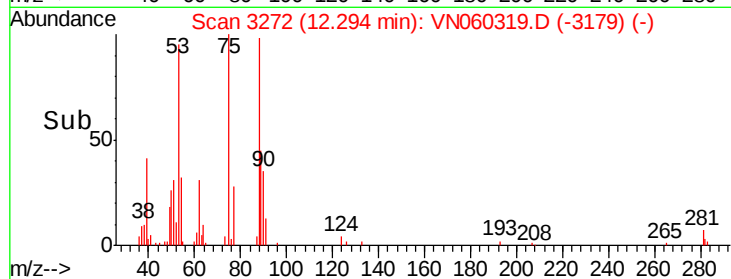
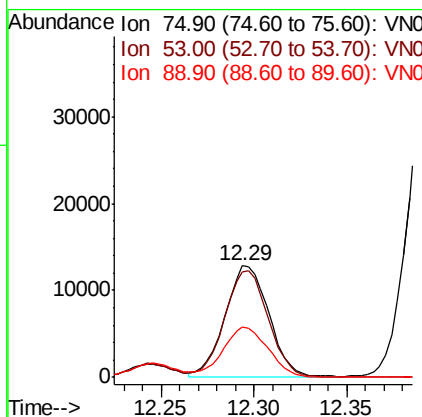
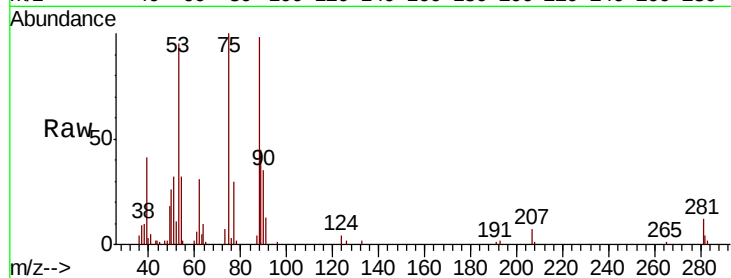




#81
trans-1,4-Dichloro-2-butene
Concen: 18.126 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

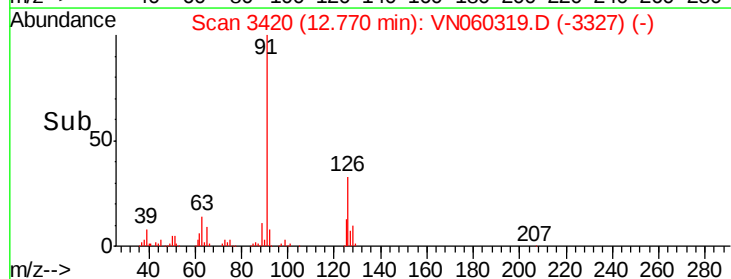
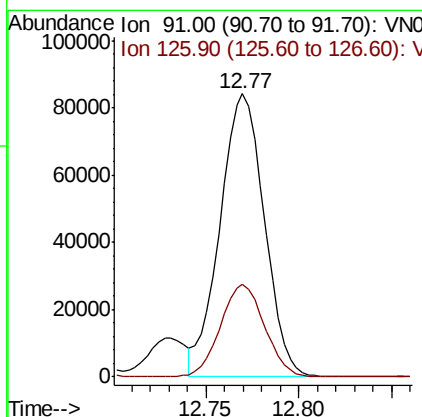
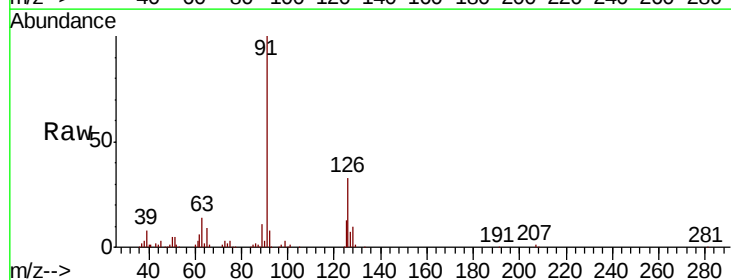
Instrument :
MSVOA_N
ClientSampled :

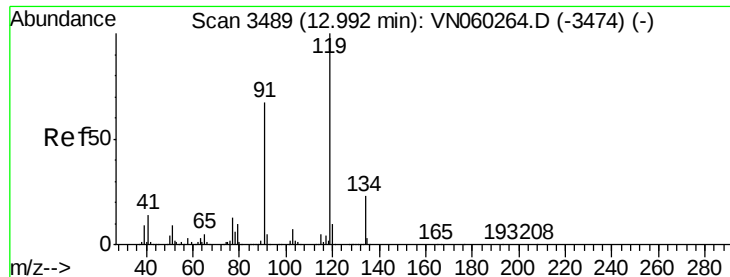
Tot Ion: 75 Resp: 21195
Ion Ratio Lower Upper
75 100
53 94.8 73.8 110.6
89 45.9 57.1 85.7#



#82
4-Chlorotoluene
Concen: 17.649 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060319.D
Acq: 3 Mar 2020 11:06

Tgt Ion: 91 Resp: 139713
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.1





#83

tert-Butylbenzene

Concen: 18.067 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampled :

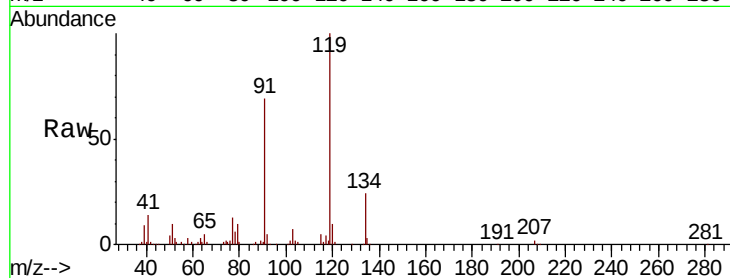
Tot Ion:119 Resp: 143616

Ion Ratio Lower Upper

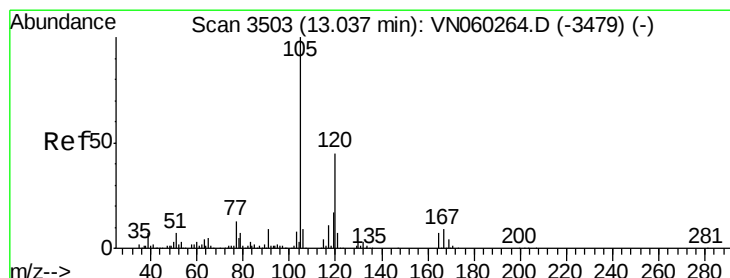
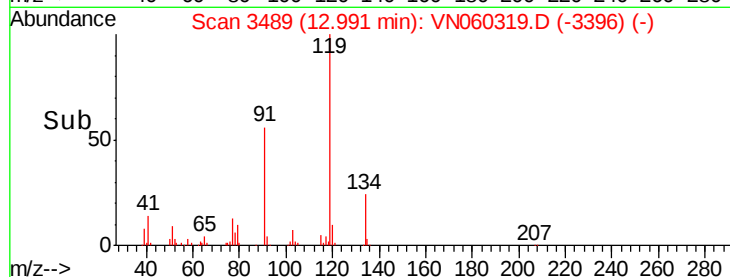
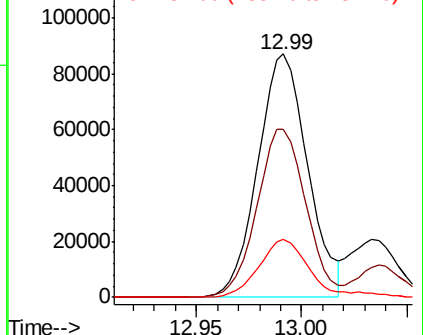
119 100

91 68.0 33.1 99.2

134 24.6 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: 17.933 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN060319.D

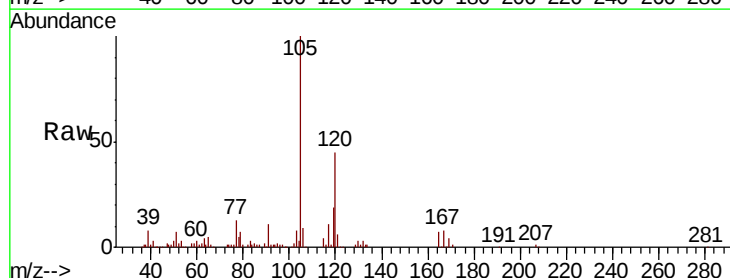
Acq: 3 Mar 2020 11:06

Tgt Ion:105 Resp: 166189

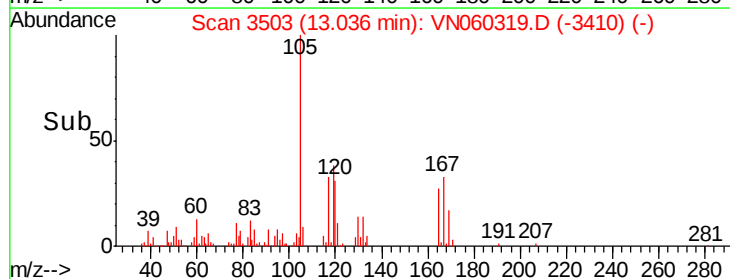
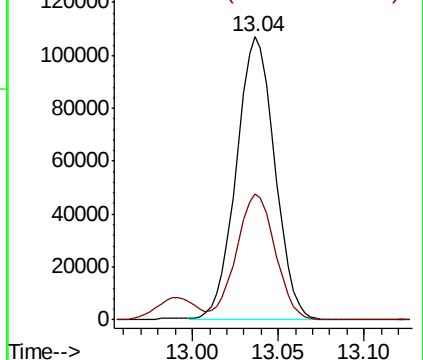
Ion Ratio Lower Upper

105 100

120 45.0 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: 18.041 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

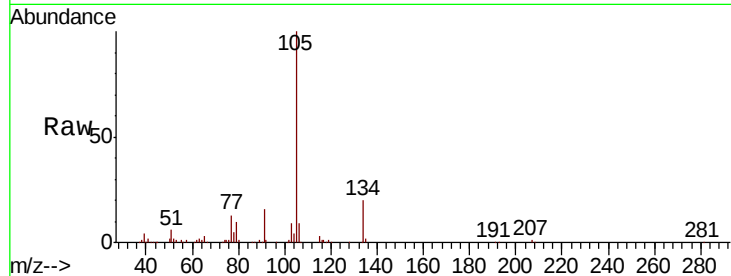
ClientSampleId :

Tot Ion:105 Resp: 192040

Ion Ratio Lower Upper

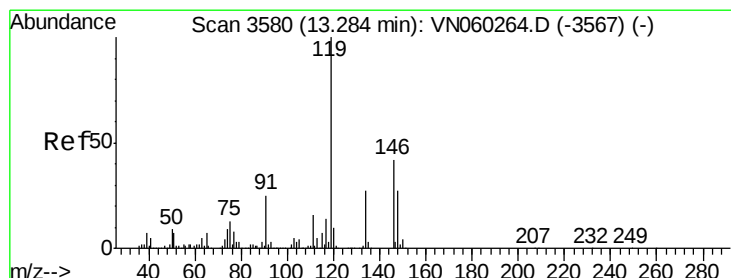
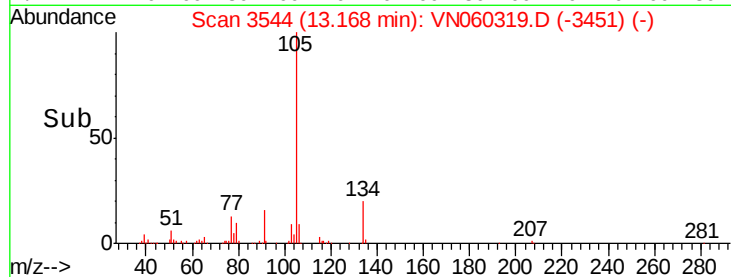
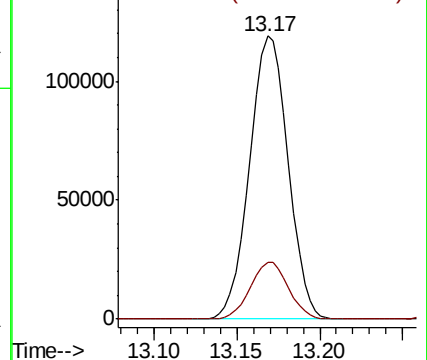
105 100

134 19.9 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: 17.778 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

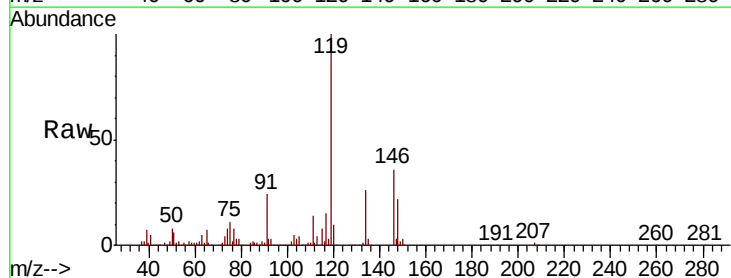
Tgt Ion:119 Resp: 175152

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.6

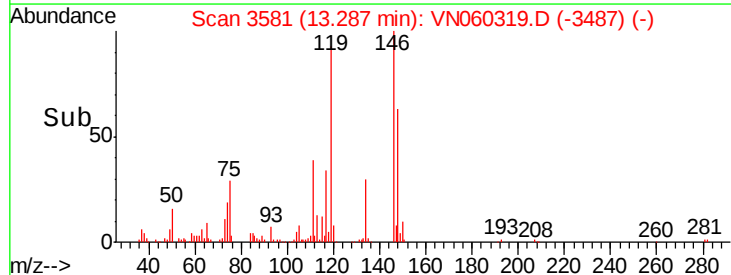
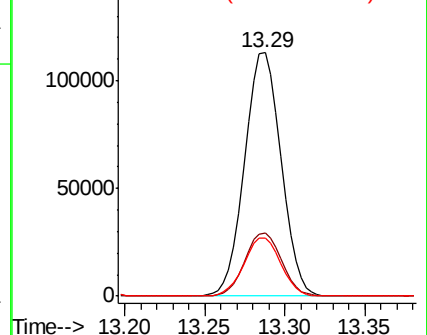
91 24.1 12.2 36.6



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: 18.304 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampled :

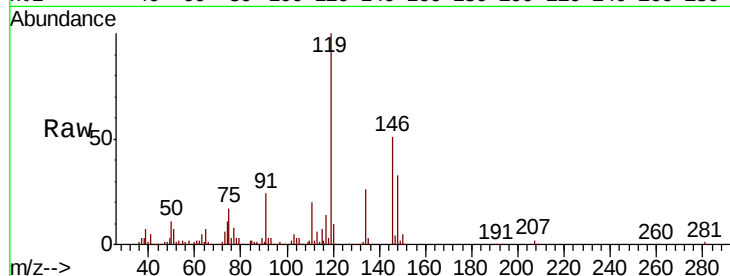
Tot Ion:146 Resp: 84625

Ion Ratio Lower Upper

146 100

111 40.0 20.0 59.9

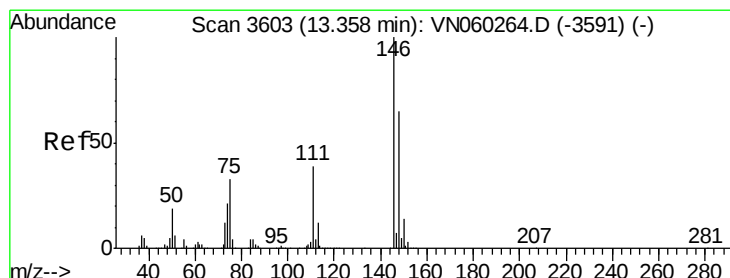
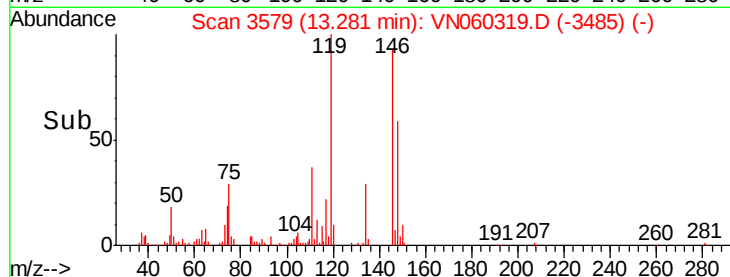
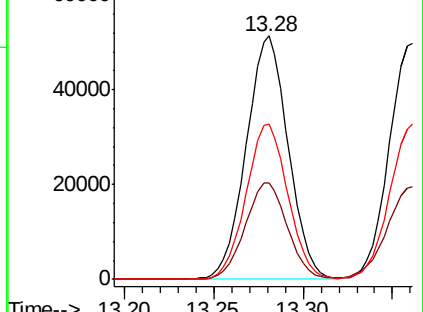
148 63.5 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 18.050 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

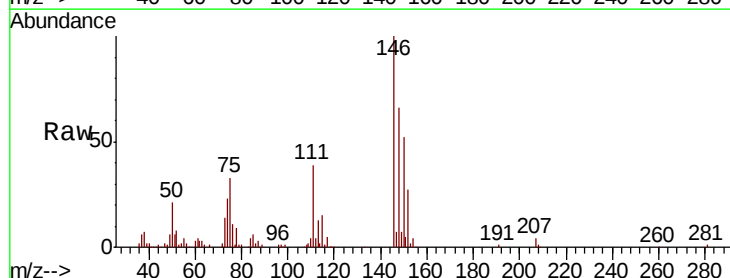
Tgt Ion:146 Resp: 83438

Ion Ratio Lower Upper

146 100

111 41.1 19.8 59.4

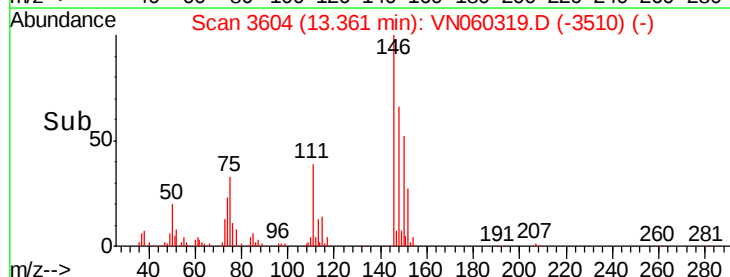
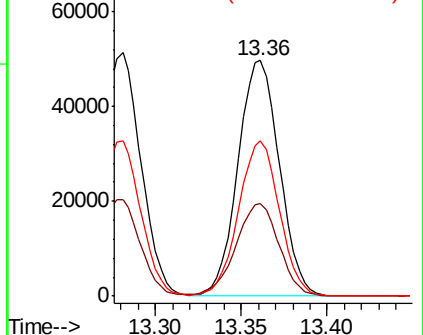
148 64.9 32.3 96.9

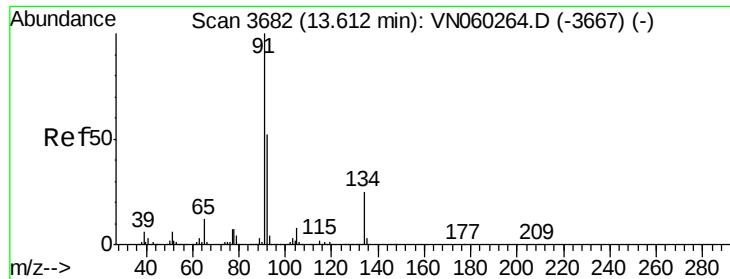


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.582 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampled :

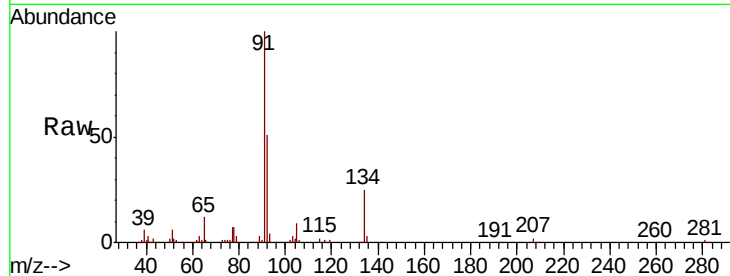
Tot Ion: 91 Resp: 159018

Ion Ratio Lower Upper

91 100

92 51.0 26.0 78.0

134 24.6 12.7 38.1

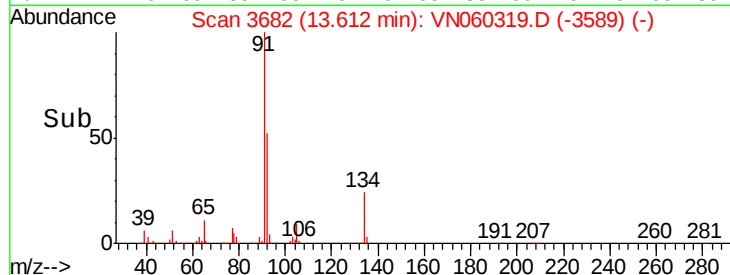


Abundance Ion 91.00 (90.70 to 91.70): VN060319.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060319.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060319.D (-3667) (-)

Time-->

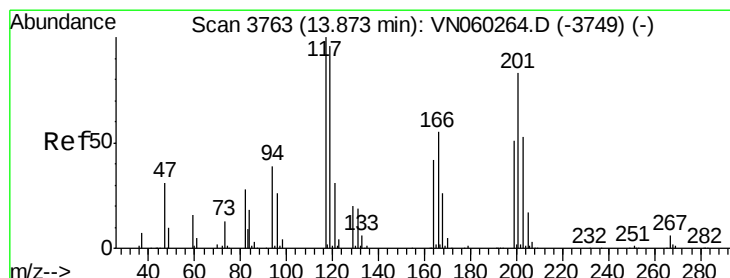


Abundance Ion 91.00 (90.70 to 91.70): VN060319.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN060319.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN060319.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: 16.955 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN060319.D

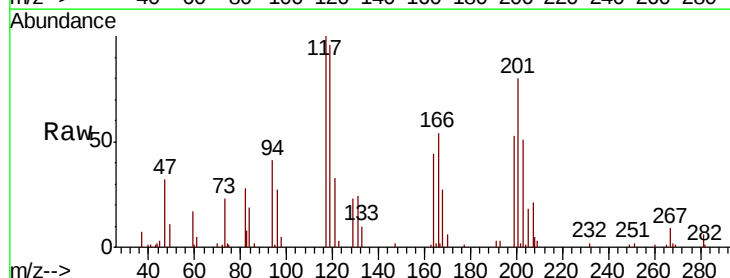
Acq: 3 Mar 2020 11:06

Tgt Ion: 117 Resp: 24179

Ion Ratio Lower Upper

117 100

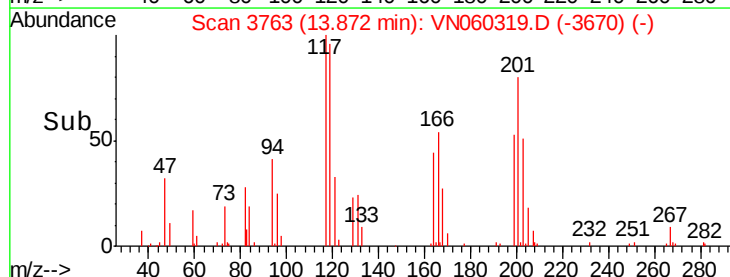
201 82.0 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VN060319.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060319.D (-3749) (-)

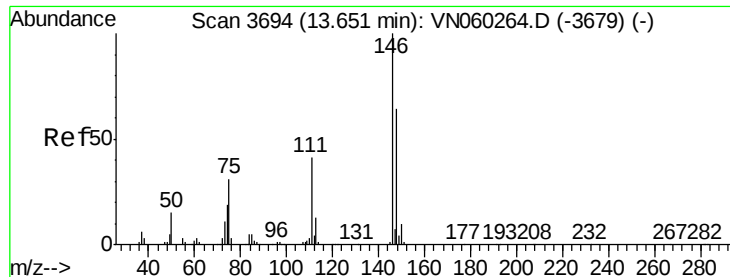
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN060319.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN060319.D (-3670) (-)

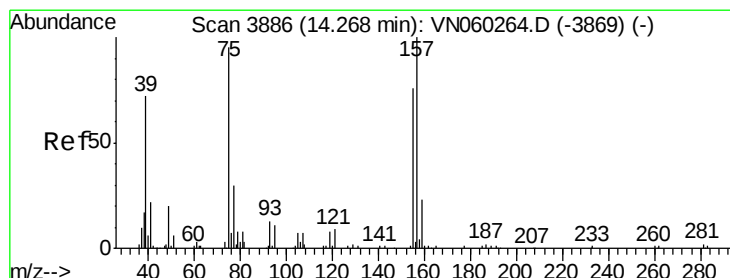
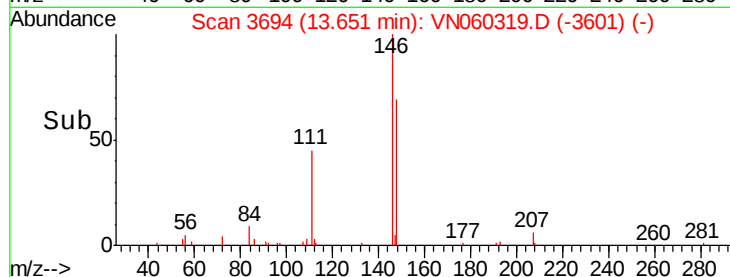
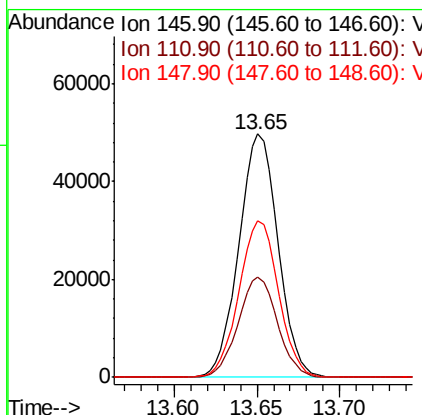
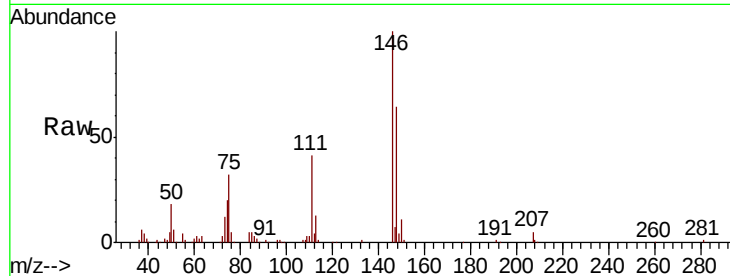
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 17.438 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

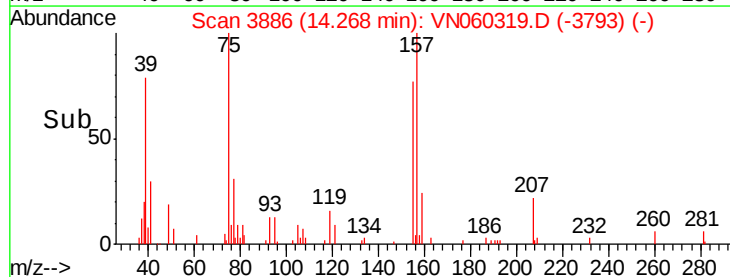
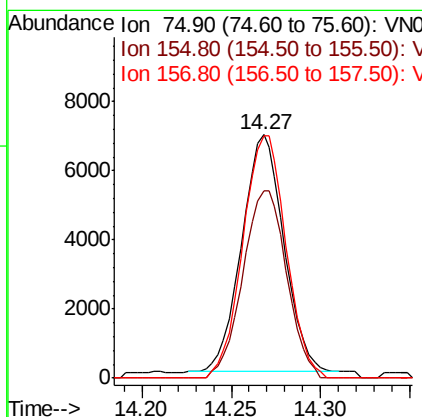
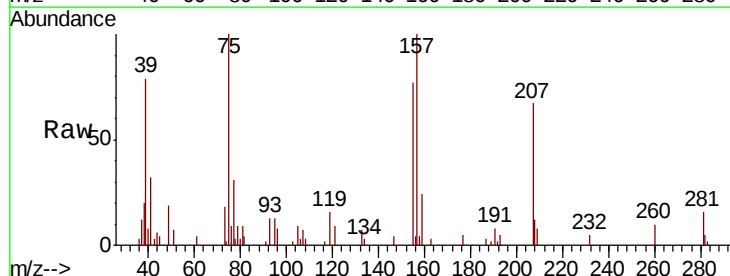
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	64.8	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.861 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.1	40.4	121.2
157	104.9	52.5	157.5

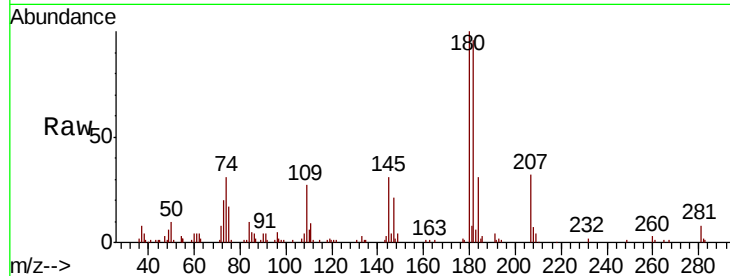




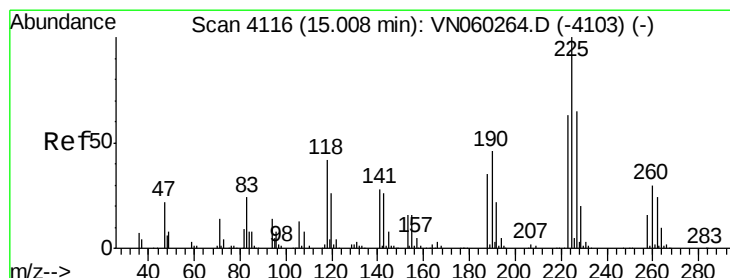
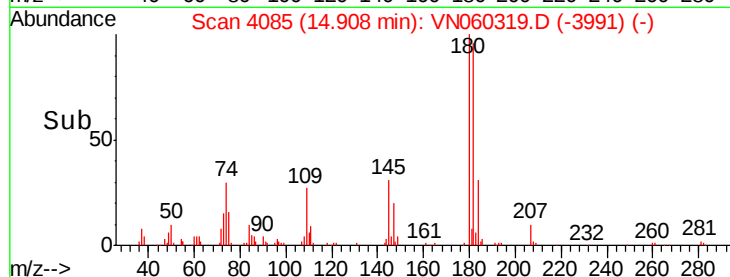
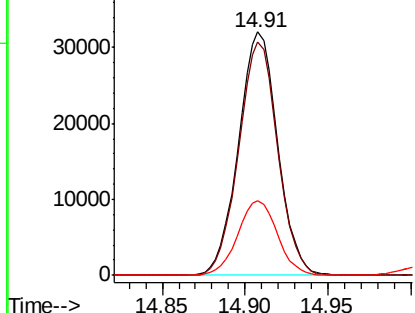
#93
 1,2,4-Trichlorobenzene
 Concen: 17.696 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 52497
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 31.0 15.4 46.1

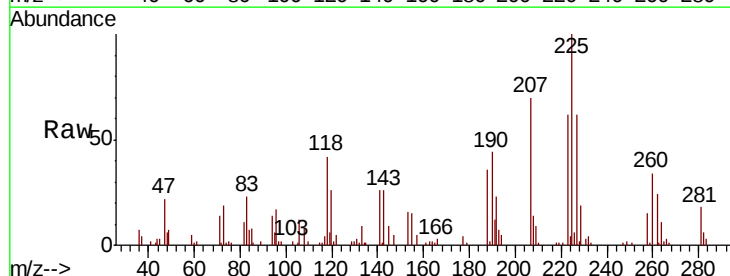


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

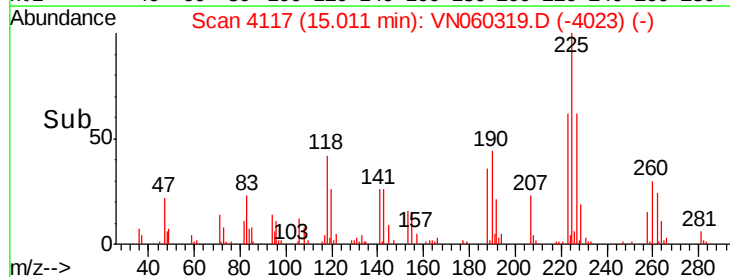
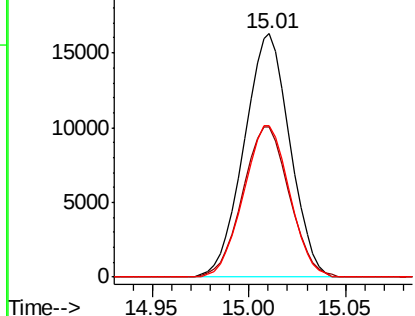


#94
 Hexachlorobutadiene
 Concen: 19.215 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN060319.D
 Acq: 3 Mar 2020 11:06

Tgt Ion:225 Resp: 26770
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.9
 227 62.3 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: 17.037 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

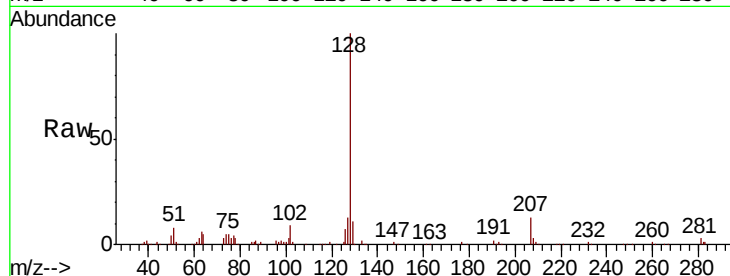
Tot Ion:128 Resp: 150922

Ion Ratio Lower Upper

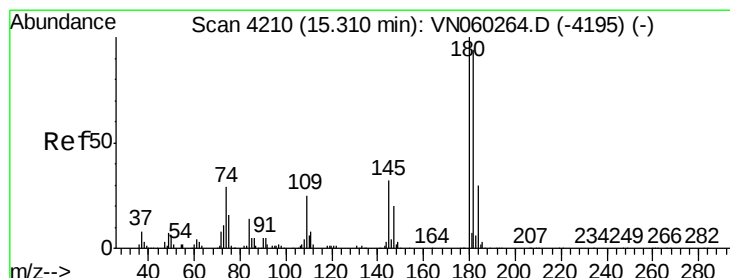
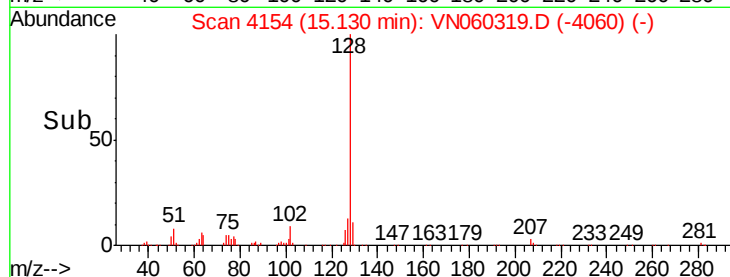
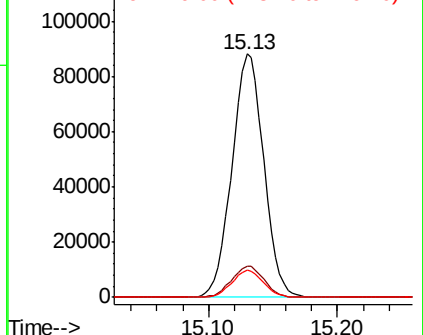
128 100

127 13.0 10.4 15.6

129 10.9 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: 18.176 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060319.D

Acq: 3 Mar 2020 11:06

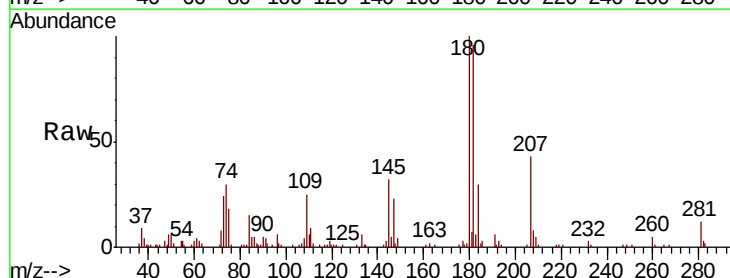
Tgt Ion:180 Resp: 51269

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

145 32.6 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

