

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060953.D
 Acq On : 15 Apr 2020 12:05
 Operator : JC/MD
 Sample : VN0415WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	133074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	220276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	201177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	93694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	93507	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.56	113	69211	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.08	98	268799	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.39	95	100296	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	20319	15.780	ug/l	97
3) Chloromethane	2.04	50	37431	15.565	ug/l	99
4) Vinyl Chloride	2.17	62	30280	16.098	ug/l	99
5) Bromomethane	2.55	94	16168	19.912	ug/l	99
6) Chloroethane	2.69	64	19442	17.943	ug/l	98
7) Trichlorofluoromethane	3.00	101	42292	18.252	ug/l	98
8) Diethyl Ether	3.38	74	18414	19.783	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	25979	19.350	ug/l	99
10) Methyl Iodide	3.93	142	19450	16.280	ug/l	99
11) Tert butyl alcohol	4.72	59	24794	92.286	ug/l	97
12) 1,1-Dichloroethene	3.72	96	25454	17.667	ug/l	100
13) Acrolein	3.57	56	22744	76.384	ug/l	100
14) Allyl chloride	4.29	41	48338	19.076	ug/l	97
15) Acrylonitrile	4.94	53	79490	100.616	ug/l	99
16) Acetone	3.78	43	65768	101.636	ug/l	99
17) Carbon Disulfide	4.03	76	67441	15.391	ug/l	99
18) Methyl Acetate	4.29	43	38636	21.212	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	97193	19.621	ug/l	97
20) Methylene Chloride	4.52	84	30486	19.152	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	27340	17.805	ug/l	94
22) Diisopropyl ether	5.91	45	112165	20.951	ug/l	99
23) Vinyl Acetate	5.85	43	450471	103.128	ug/l	99
24) 1,1-Dichloroethane	5.81	63	58056	19.892	ug/l	98
25) 2-Butanone	6.79	43	103513	98.856	ug/l	98
26) 2,2-Dichloropropane	6.79	77	48637	21.181	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	33547	19.225	ug/l	98
28) Bromochloromethane	7.17	49	28762	20.598	ug/l	97
29) Tetrahydrofuran	7.18	42	71485	96.488	ug/l	97
30) Chloroform	7.34	83	55141	19.708	ug/l	100
31) Cyclohexane	7.63	56	52459	17.829	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	46499	19.279	ug/l	99
36) 1,1-Dichloropropene	7.77	75	40683	19.074	ug/l	99
37) Ethyl Acetate	6.89	43	45405	19.701	ug/l	99
38) Carbon Tetrachloride	7.75	117	35673	18.661	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	47471	18.728	ug/l	99
40) Benzene	8.01	78	124254	19.297	ug/l	100
41) Methacrylonitrile	7.18	41	64146	65.217	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	45148	20.517	ug/l	99
43) Isopropyl Acetate	8.14	43	76741	20.190	ug/l	99
44) Trichloroethene	8.81	130	31134	19.181	ug/l	97
45) 1,2-Dichloropropane	9.10	63	35437	20.857	ug/l	98
46) Dibromomethane	9.19	93	20607	20.062	ug/l	98
47) Bromodichloromethane	9.38	83	43512	20.386	ug/l	97
48) Methyl methacrylate	9.18	41	33331	19.696	ug/l	98
49) 1,4-Dioxane	9.18	88	8373	416.265	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	220514	101.954	ug/l	99
52) Toluene	10.14	92	75427	19.397	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	50471	20.586	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	54950	20.430	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	30158	20.159	ug/l	98
56) Ethyl methacrylate	10.42	69	45948	19.698	ug/l	97
57) 1,3-Dichloropropane	10.70	76	53737	20.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	102134	88.096	ug/l	98
59) 2-Hexanone	10.74	43	152093	97.618	ug/l	100
60) Dibromochloromethane	10.89	129	30795	19.928	ug/l	99
61) 1,2-Dibromoethane	10.99	107	29864	19.852	ug/l	100
64) Tetrachloroethene	10.62	164	28811	18.199	ug/l	96
65) Chlorobenzene	11.42	112	77701	19.483	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	28909	20.021	ug/l	98
67) Ethyl Benzene	11.50	91	144148	19.436	ug/l	100
68) m/p-Xylenes	11.61	106	104584	37.947	ug/l	98
69) o-Xylene	11.94	106	50674	19.261	ug/l	98
70) Styrene	11.96	104	82186	19.100	ug/l	99
71) Bromoform	12.12	173	21274	18.811	ug/l #	100
73) Isopropylbenzene	12.24	105	137768	19.593	ug/l	100
74) N-amyl acetate	12.06	43	63038	19.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	42990	20.218	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	57175	28.280	ug/l #	100
77) Bromobenzene	12.52	156	32885	19.409	ug/l	99
78) n-propylbenzene	12.59	91	161559	19.448	ug/l	99
79) 2-Chlorotoluene	12.67	91	96022	19.346	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	115385	19.337	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	14366	18.250	ug/l	98
82) 4-Chlorotoluene	12.77	91	100293	19.839	ug/l	97
83) tert-Butylbenzene	12.99	119	96429	19.495	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	115482	19.563	ug/l	100
85) sec-Butylbenzene	13.17	105	132388	19.903	ug/l	99
86) p-Isopropyltoluene	13.28	119	117782	19.692	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	57830	19.352	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	57547	19.168	ug/l	98
89) n-Butylbenzene	13.61	91	108943	20.174	ug/l	99
90) Hexachloroethane	13.87	117	18225	20.962	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	56642	19.823	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	7962	17.704	ug/l	94

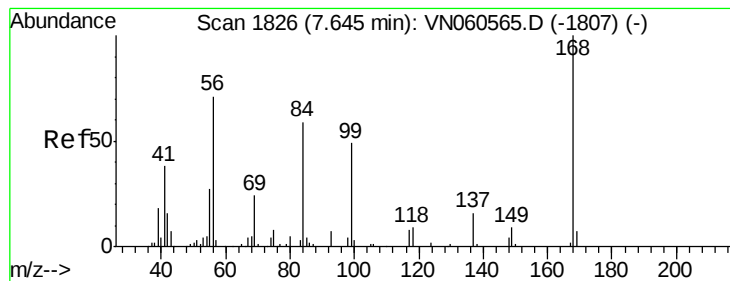
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	33753	19.236	ug/l	100
94) Hexachlorobutadiene	15.01	225	17546	20.398	ug/l	97
95) Naphthalene	15.13	128	97176	18.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	33082	19.141	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

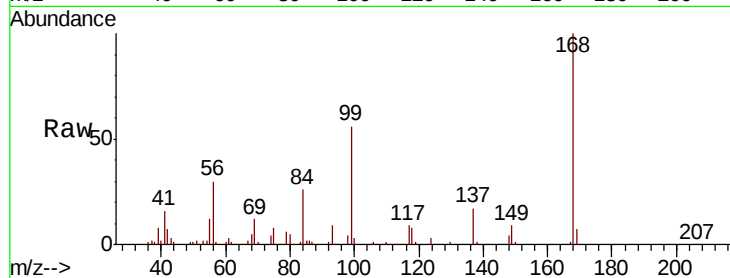
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 133074

Ion Ratio Lower Upper

168 100

99 56.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

60000

50000

40000

30000

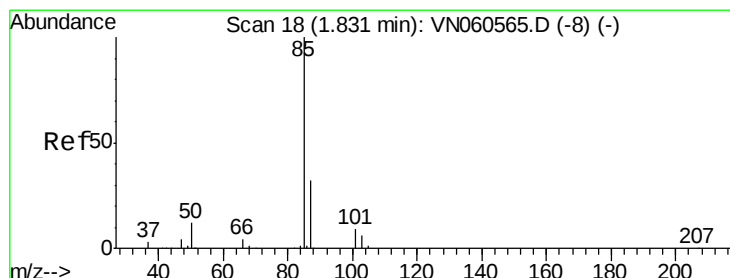
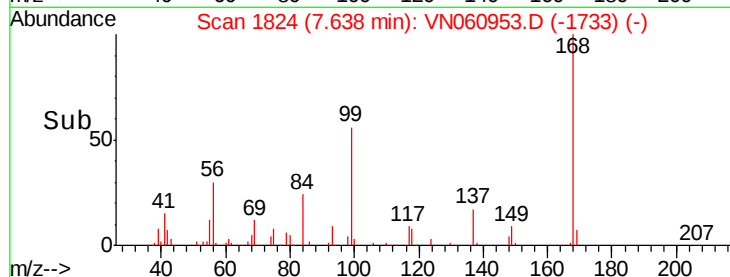
20000

10000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 15.780 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060953.D

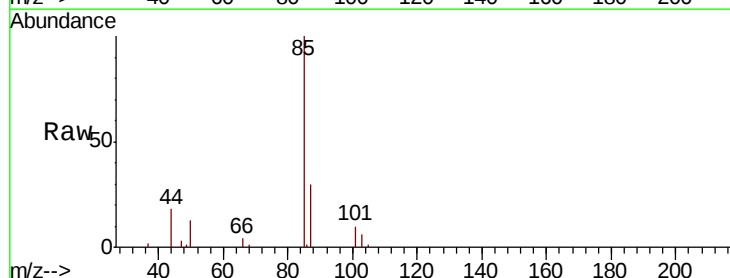
Acq: 15 Apr 2020 12:05

Tgt Ion: 85 Resp: 20319

Ion Ratio Lower Upper

85 100

87 30.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

15000

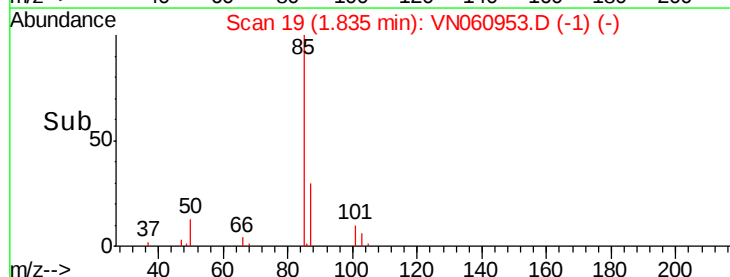
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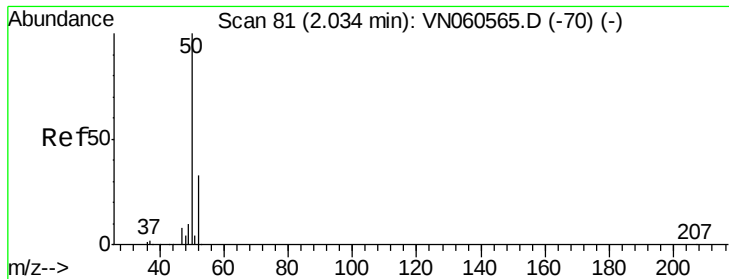
5000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 15.565 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

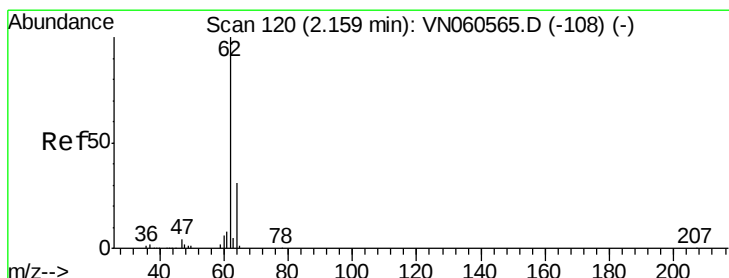
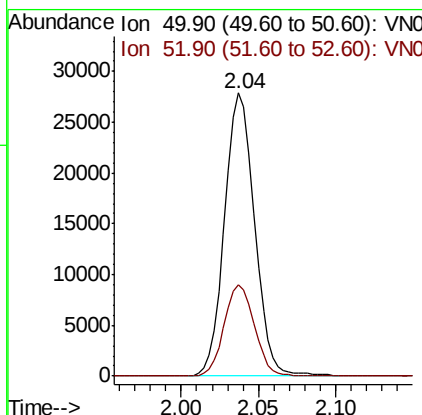
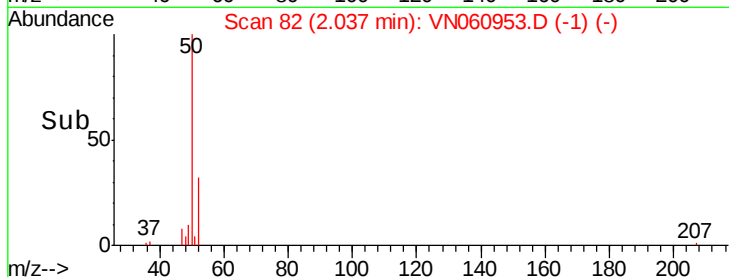
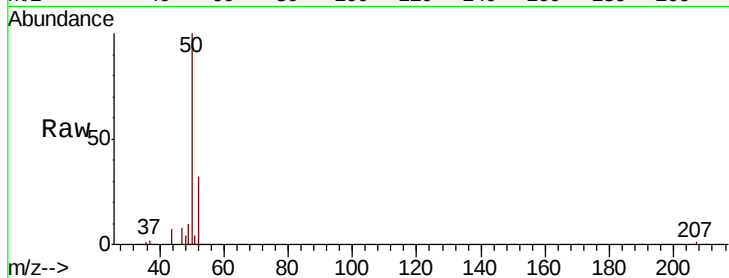
ClientSampled :

Tot Ion: 50 Resp: 37431

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 16.098 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060953.D

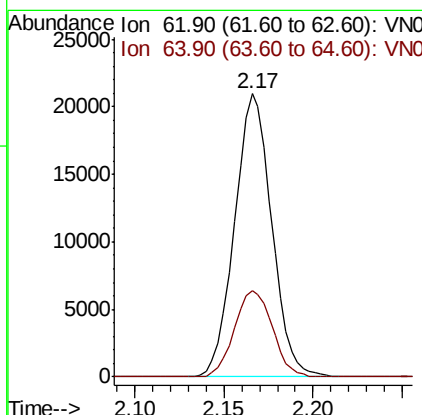
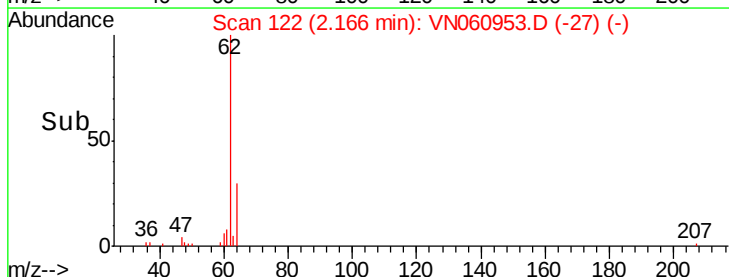
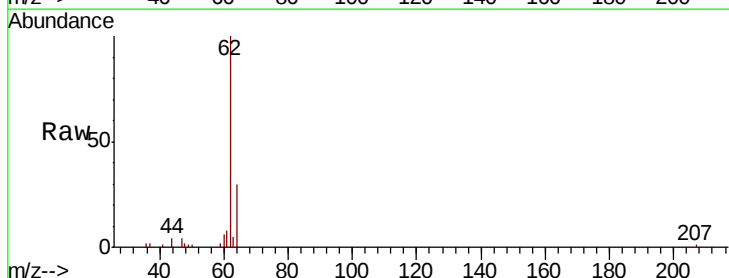
Acq: 15 Apr 2020 12:05

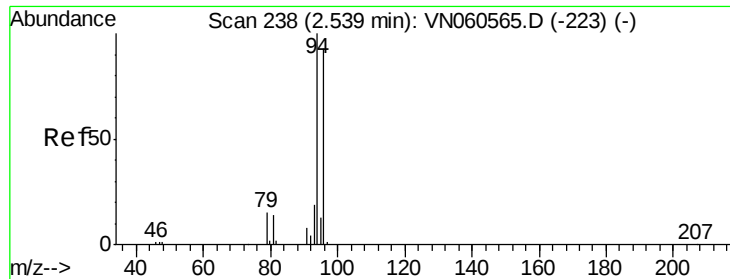
Tgt Ion: 62 Resp: 30280

Ion Ratio Lower Upper

62 100

64 30.3 24.7 37.1





#5

Bromomethane

Concen: 19.912 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

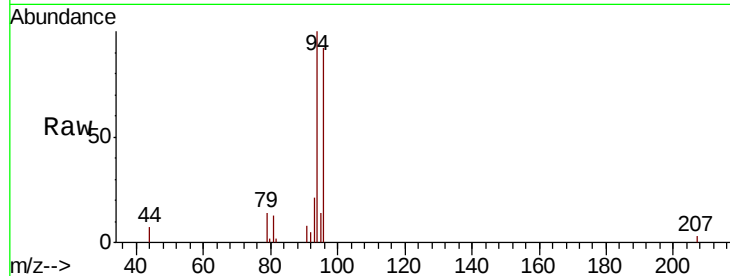
ClientSampleId :

Tot Ion: 94 Resp: 16168

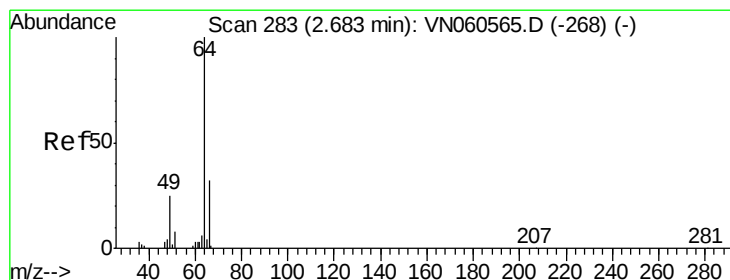
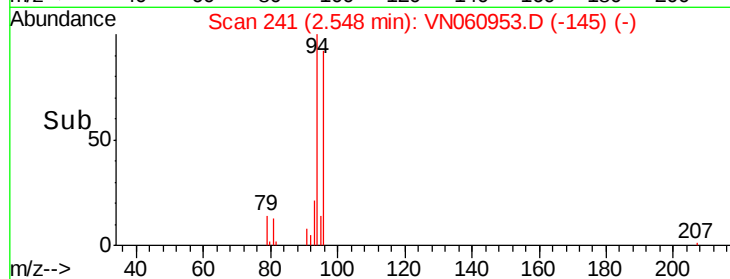
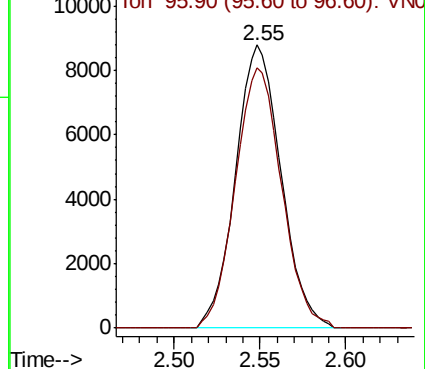
Ion Ratio Lower Upper

94 100

96 92.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060953.D (-145) (-)



#6

Chloroethane

Concen: 17.943 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060953.D

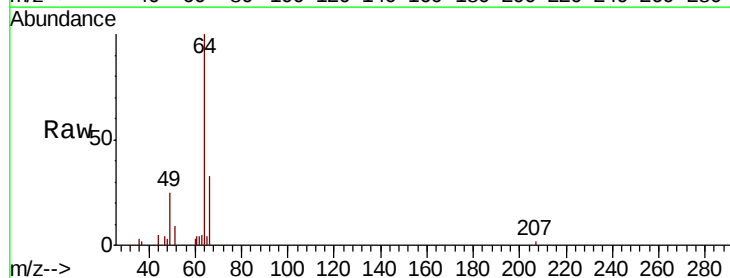
Acq: 15 Apr 2020 12:05

Tgt Ion: 64 Resp: 19442

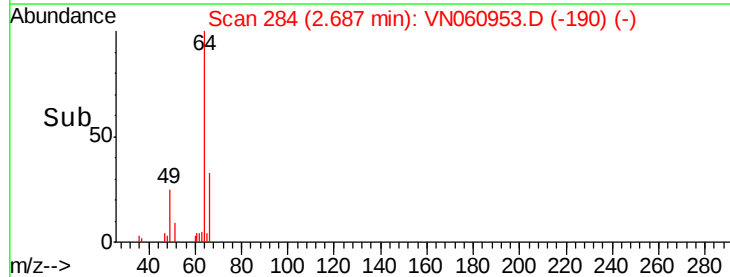
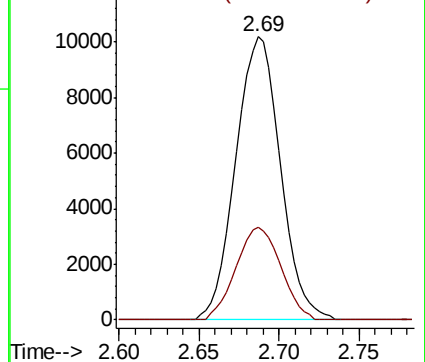
Ion Ratio Lower Upper

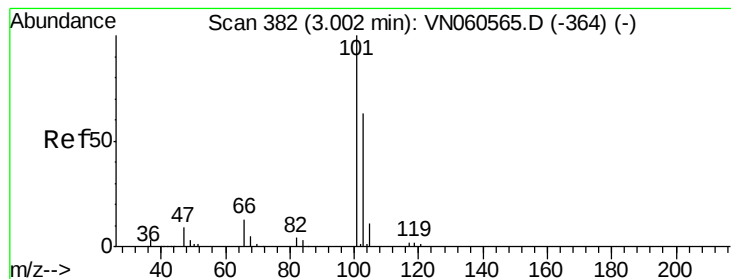
64 100

66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060953.D (-190) (-)



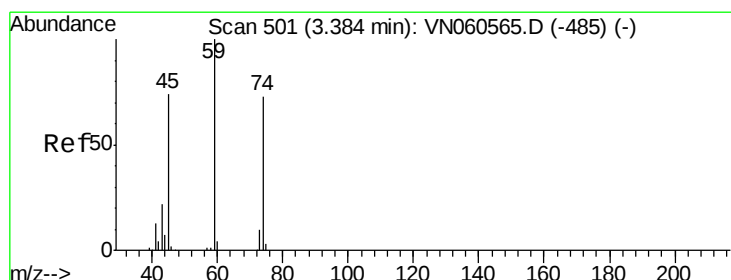
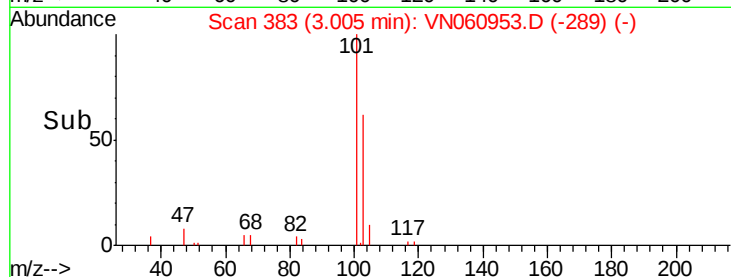
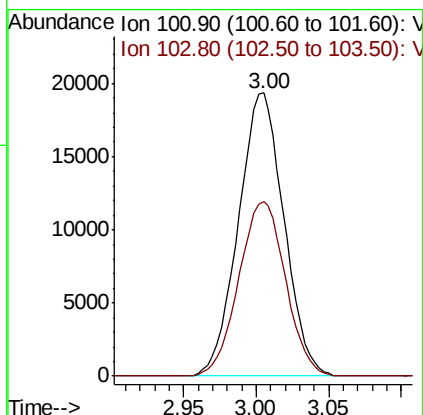
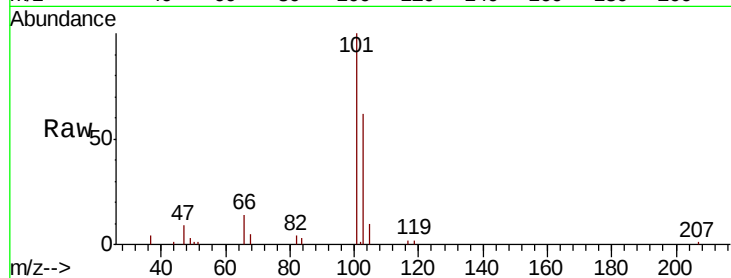


#7

Trichlorofluoromethane
Concen: 18.252 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

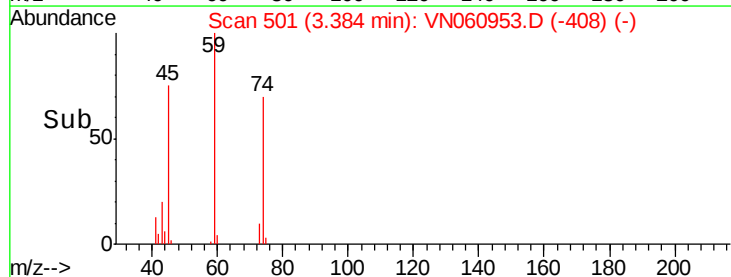
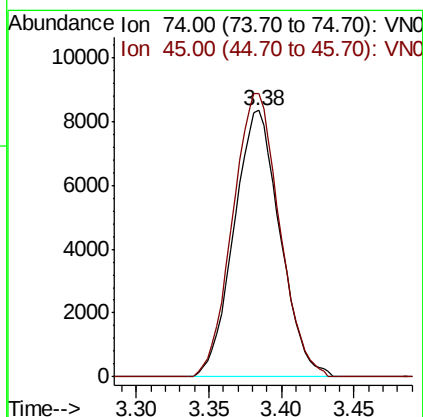
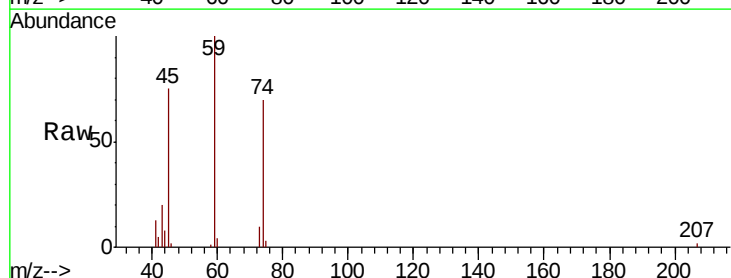
Tot Ion:101 Resp: 42292
Ion Ratio Lower Upper
101 100
103 61.7 50.6 76.0



#8

Diethyl Ether
Concen: 19.783 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 74 Resp: 18414
Ion Ratio Lower Upper
74 100
45 107.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.350 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

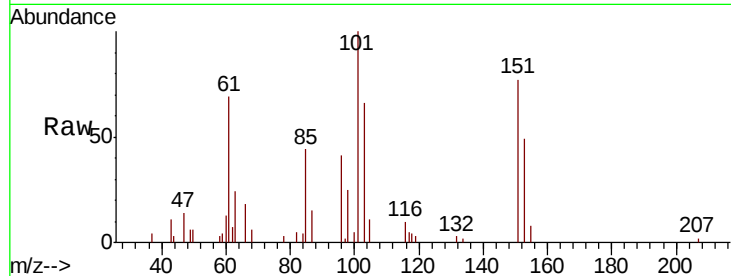
Tot Ion:101 Resp: 25979

Ion Ratio Lower Upper

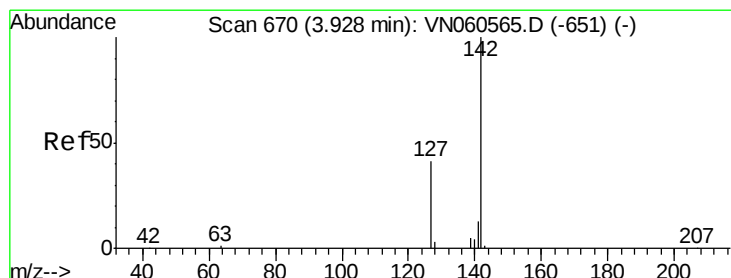
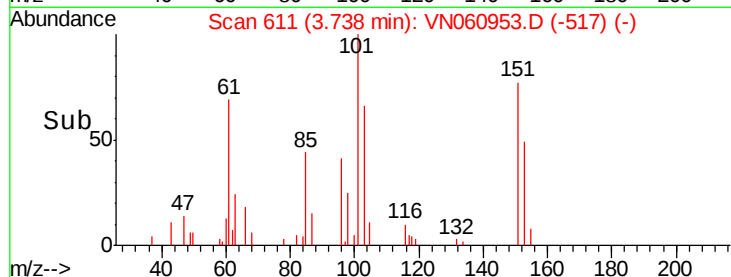
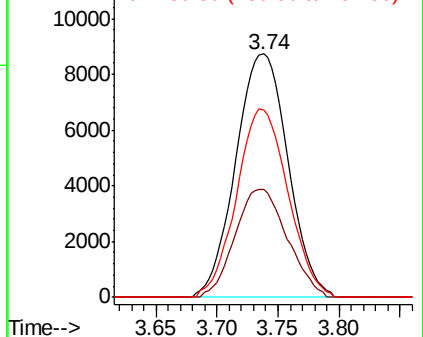
101 100

85 44.2 35.6 53.4

151 76.0 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.280 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

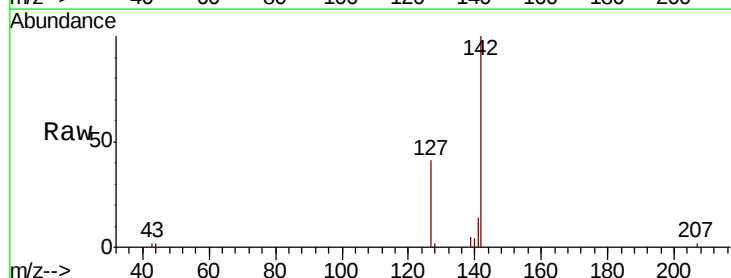
Tgt Ion:142 Resp: 19450

Ion Ratio Lower Upper

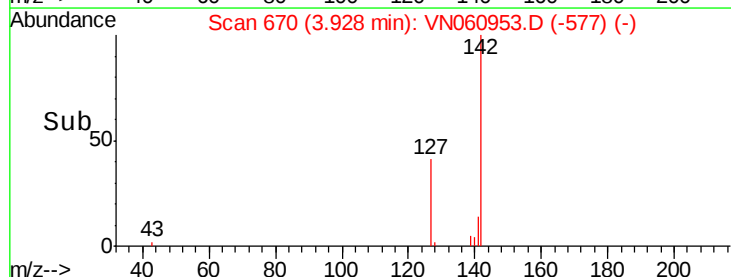
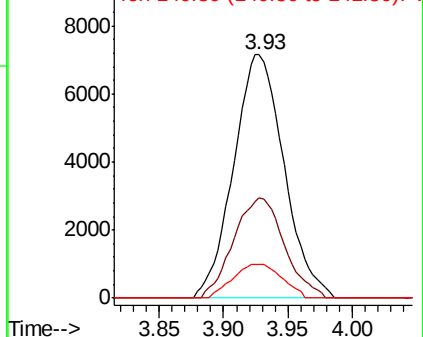
142 100

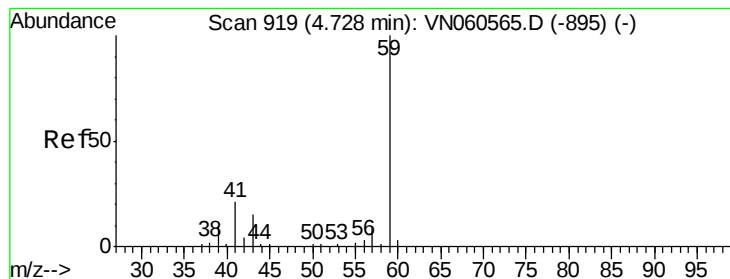
127 41.4 33.5 50.3

141 13.5 11.0 16.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



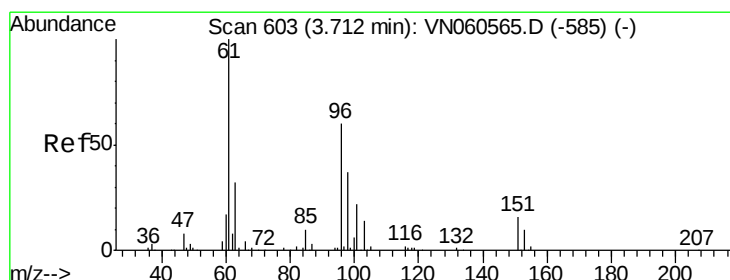
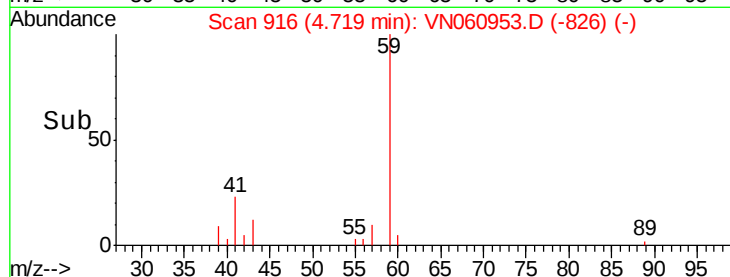
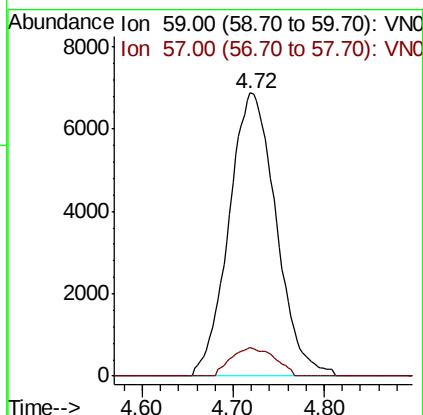
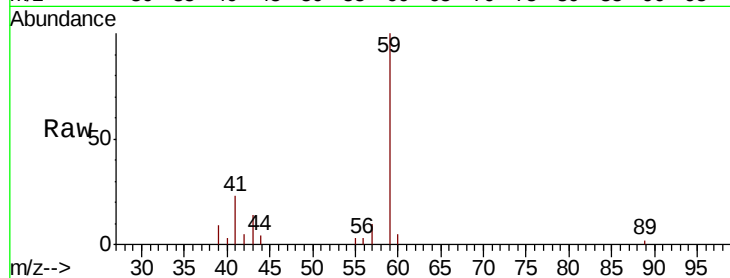


#11

Tert butyl alcohol
Concen: 92.286 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :

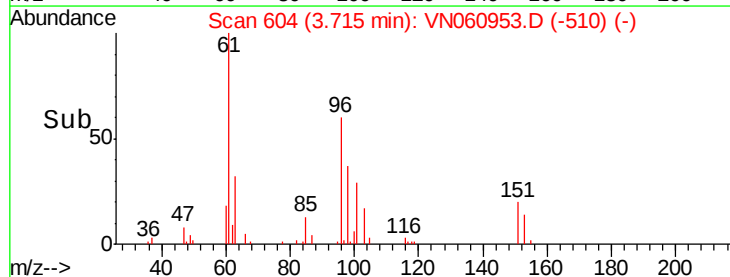
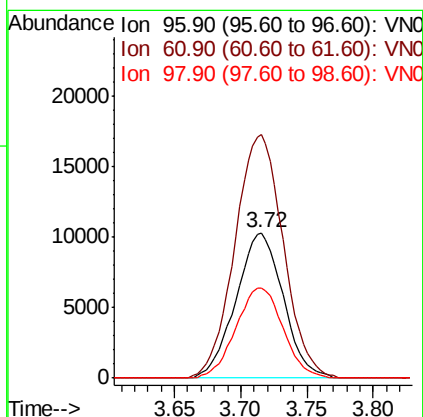
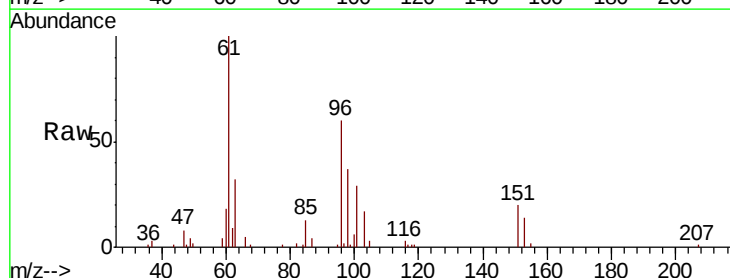
Tot Ion: 59 Resp: 24794
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.4

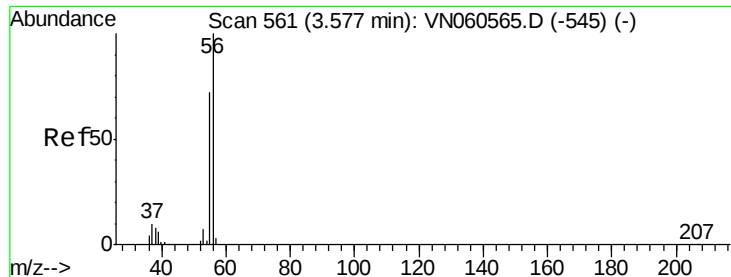


#12

1,1-Dichloroethene
Concen: 17.667 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 96 Resp: 25454
Ion Ratio Lower Upper
96 100
61 167.9 134.1 201.1
98 61.8 49.9 74.9





#13

Acrolein

Concen: 76.384 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

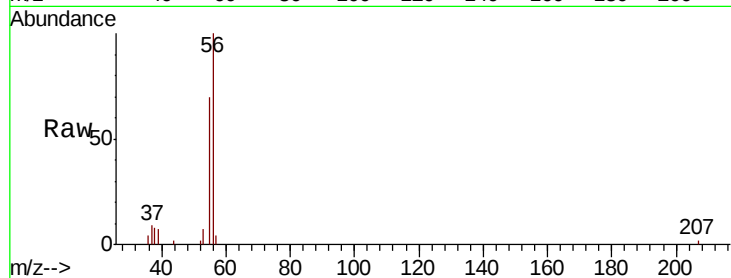
ClientSampled :

Tot Ion: 56 Resp: 22744

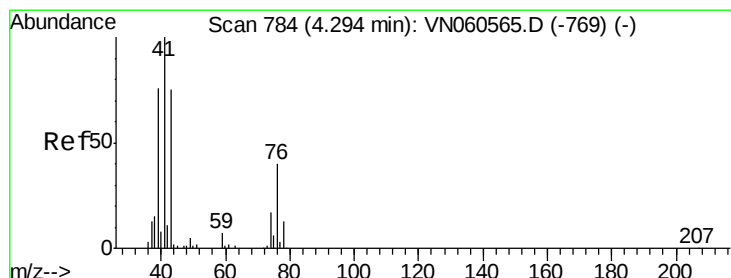
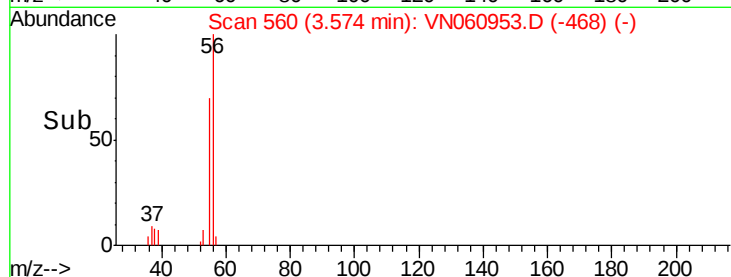
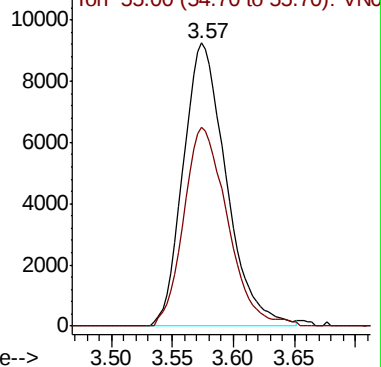
Ion Ratio Lower Upper

56 100

55 71.3 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN060953.D (-468) (-)



#14

Allyl chloride

Concen: 19.076 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

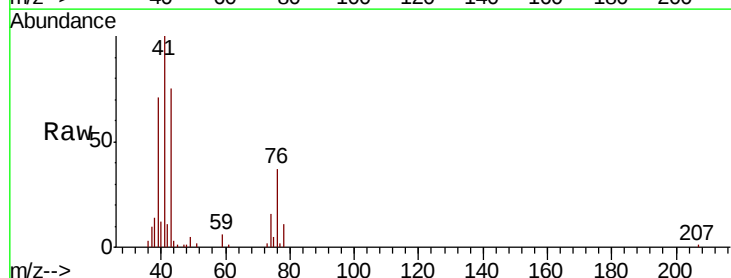
Tgt Ion: 41 Resp: 48338

Ion Ratio Lower Upper

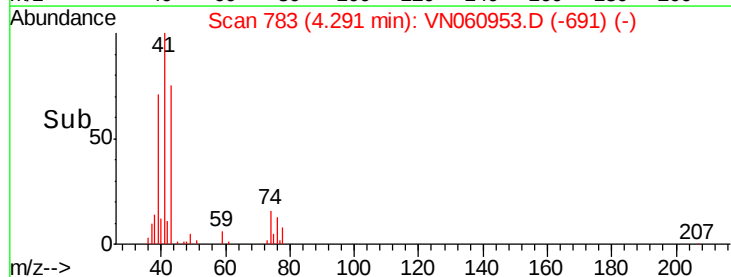
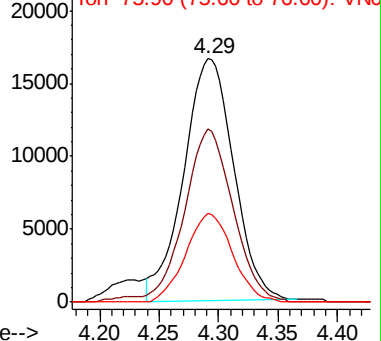
41 100

39 69.3 57.8 86.8

76 34.4 28.6 43.0



Abundance Ion 41.00 (40.70 to 41.70): VN060953.D (-691) (-)





#15

Acrylonitrile

Concen: 100.616 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

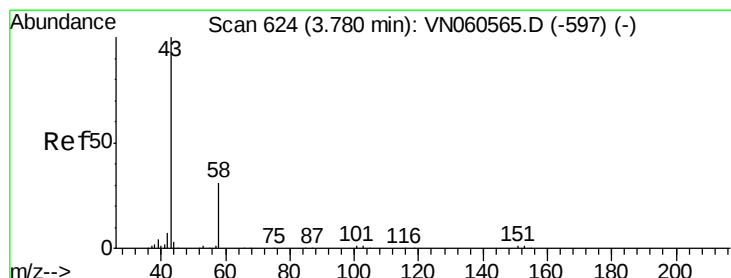
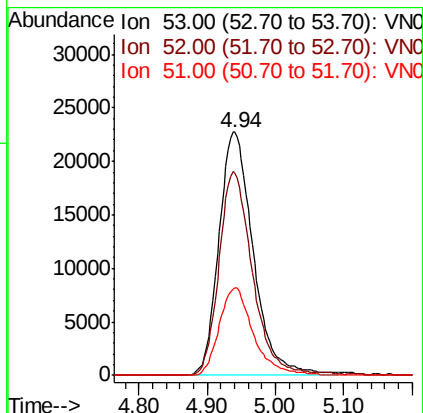
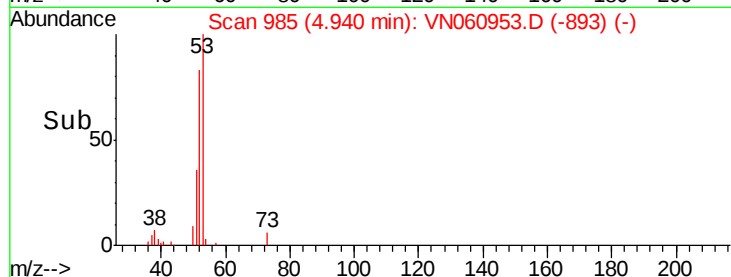
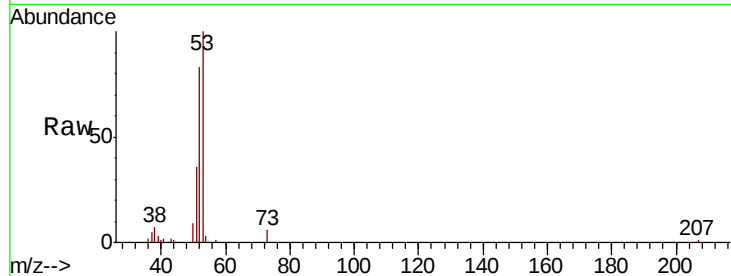
Tot Ion: 53 Resp: 79490

Ion Ratio Lower Upper

53 100

52 81.1 66.2 99.4

51 35.8 28.7 43.1



#16

Acetone

Concen: 101.636 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060953.D

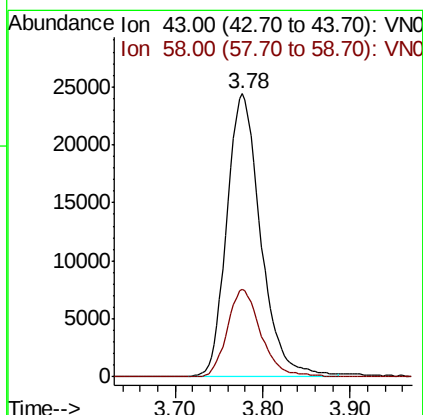
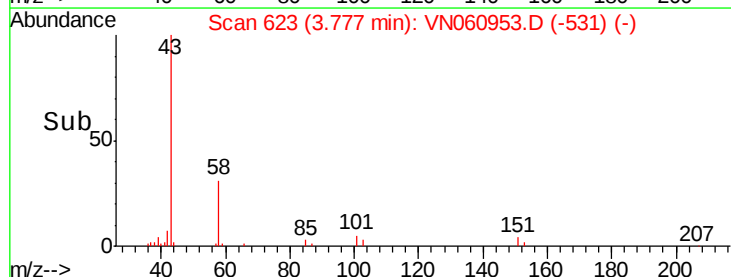
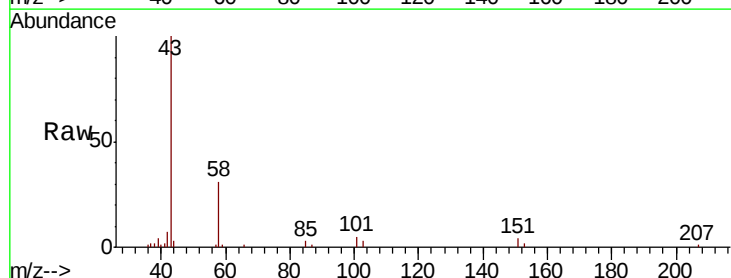
Acq: 15 Apr 2020 12:05

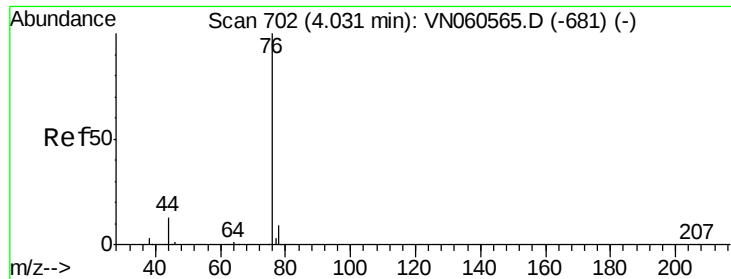
Tgt Ion: 43 Resp: 65768

Ion Ratio Lower Upper

43 100

58 31.1 25.1 37.7

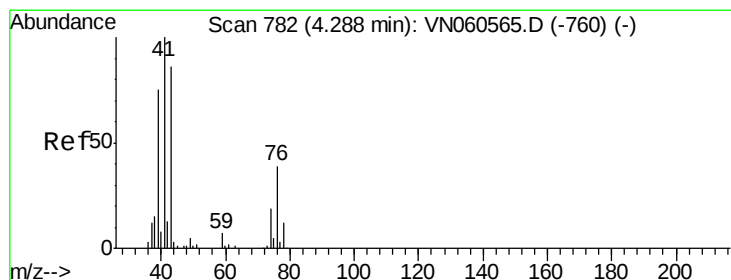
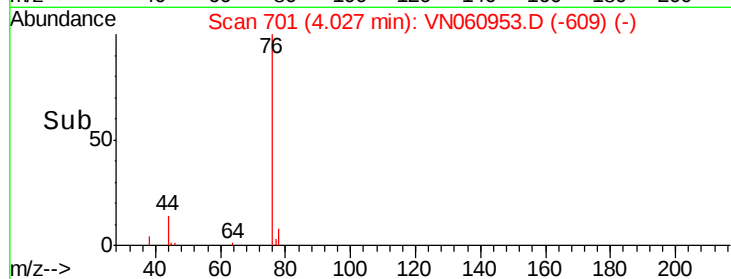
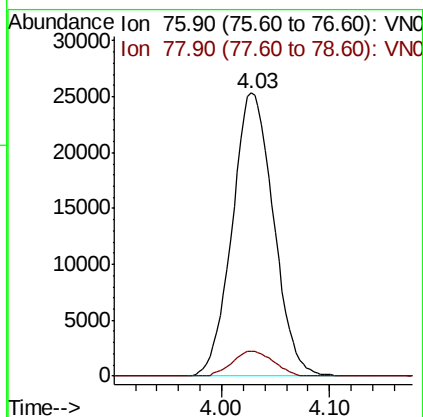
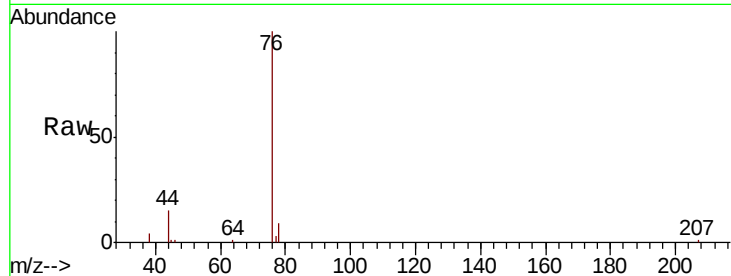




#17
Carbon Disulfide
Concen: 15.391 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

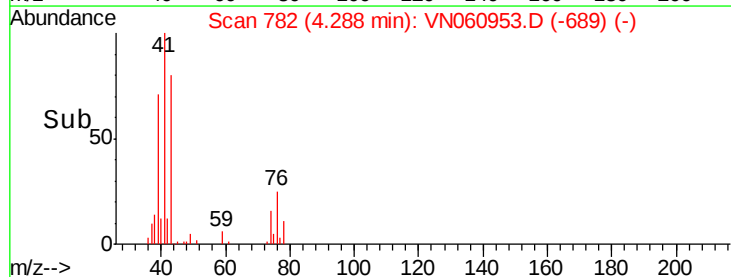
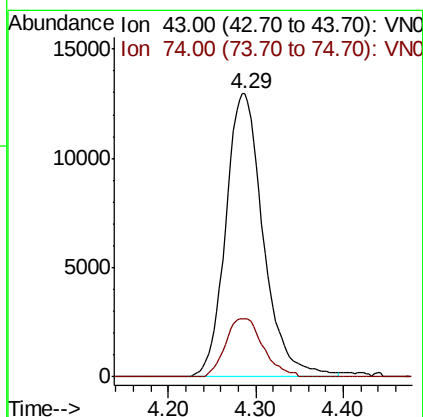
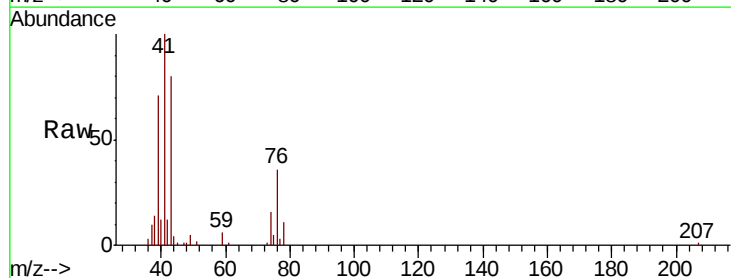
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 67441
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 21.212 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 43 Resp: 38636
Ion Ratio Lower Upper
43 100
74 20.5 17.5 26.3

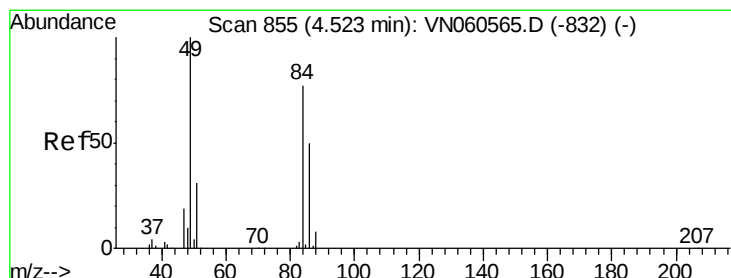
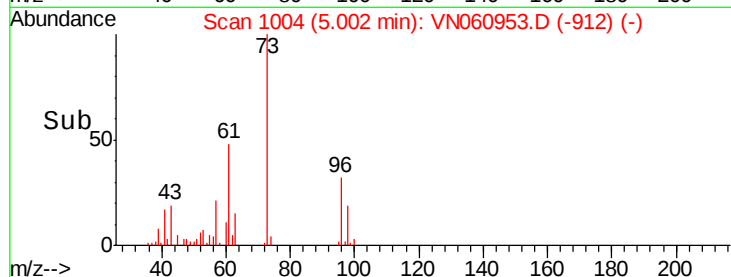
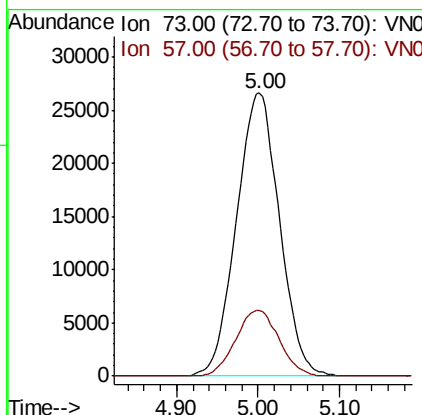
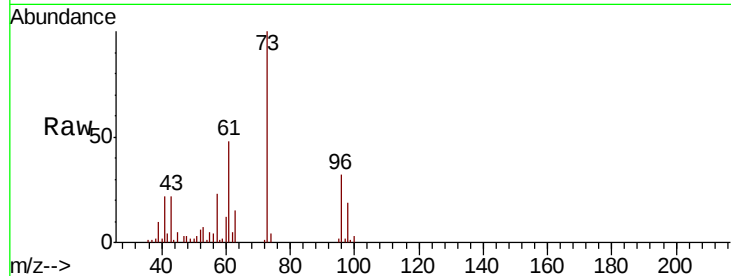




#19
Methyl tert-butyl Ether
Concen: 19.621 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

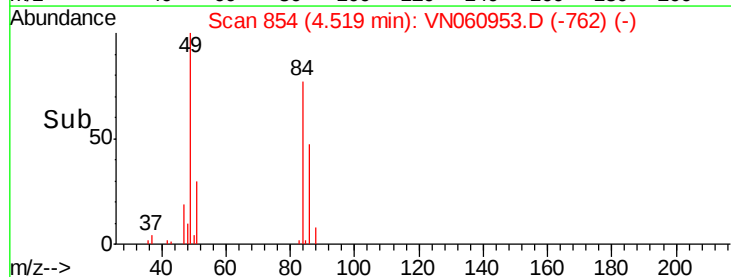
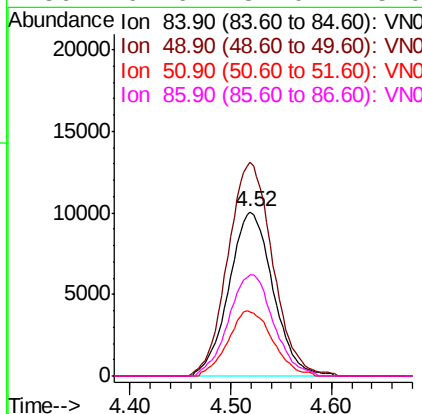
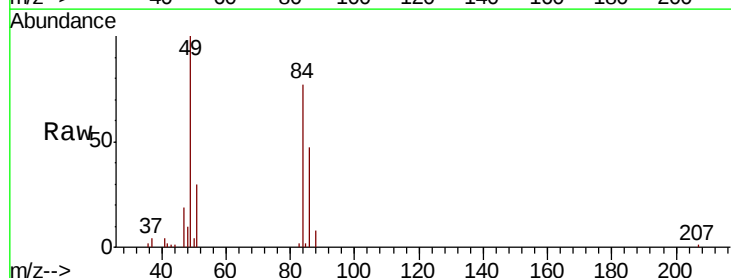
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 97193
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3



#20
Methylene Chloride
Concen: 19.152 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 84 Resp: 30486
Ion Ratio Lower Upper
84 100
49 130.2 103.3 154.9
51 39.3 31.6 47.4
86 61.6 52.0 78.0

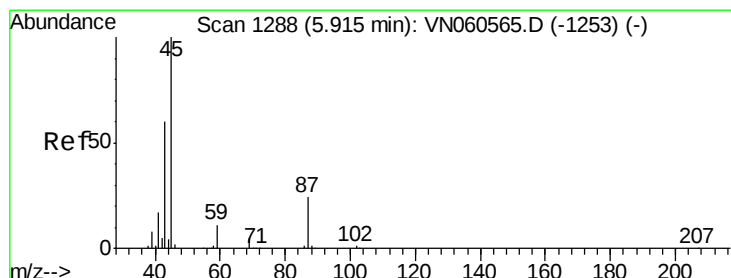
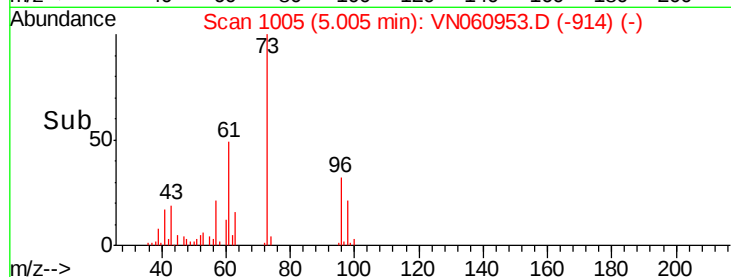
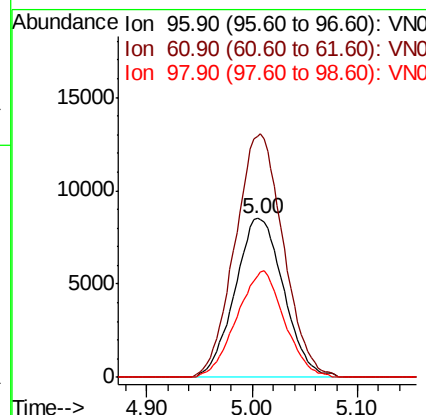
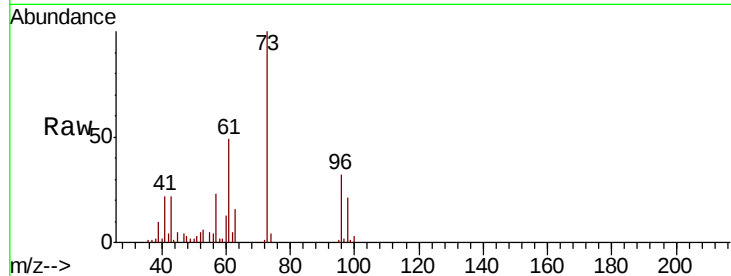




#21
trans-1,2-Dichloroethene
Concen: 17.805 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

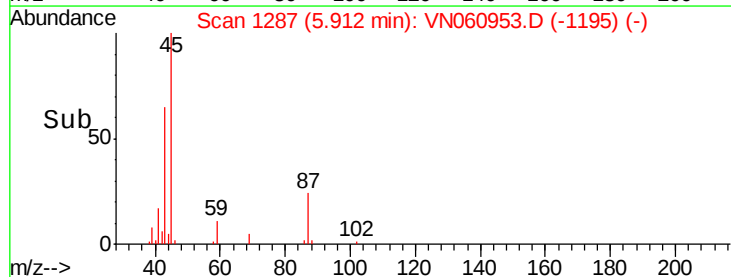
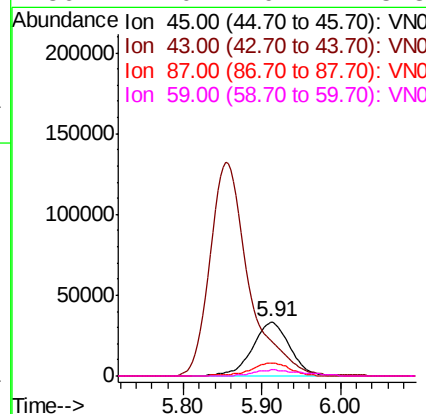
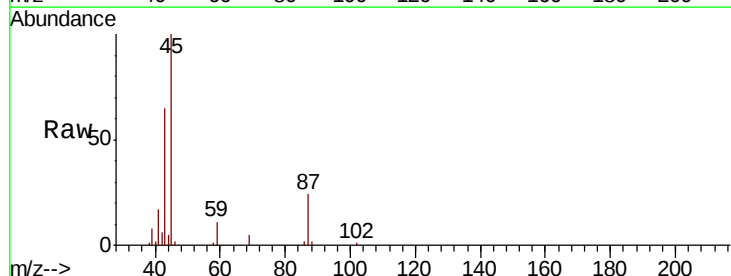
Instrument :
MSVOA_N
ClientSampleId :

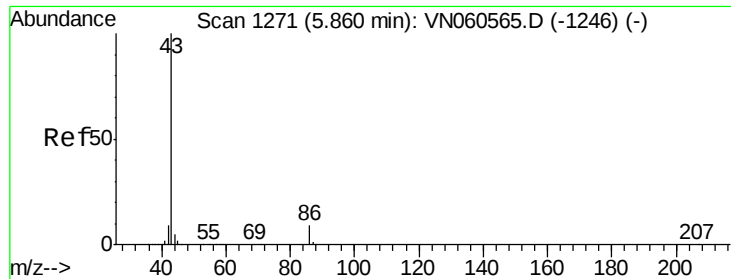
Tot Ion: 96 Resp: 27340
Ion Ratio Lower Upper
96 100
61 152.1 114.4 171.6
98 63.8 48.4 72.6



#22
Diisopropyl ether
Concen: 20.951 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 45 Resp: 112165
Ion Ratio Lower Upper
45 100
43 63.1 49.8 74.8
87 24.0 20.1 30.1
59 11.0 9.2 13.8





#23

Vinyl Acetate

Concen: 103.128 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

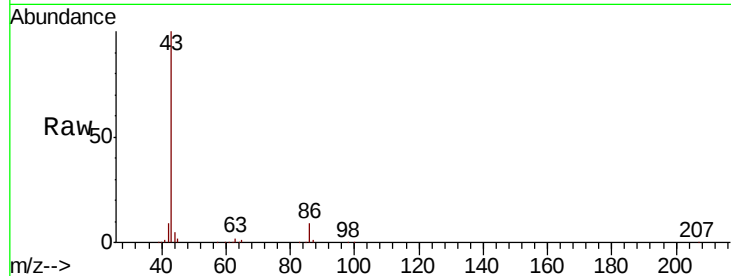
ClientSampled :

Tot Ion: 43 Resp: 450471

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060953.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060953.D (-1178) (-)

5.85

150000

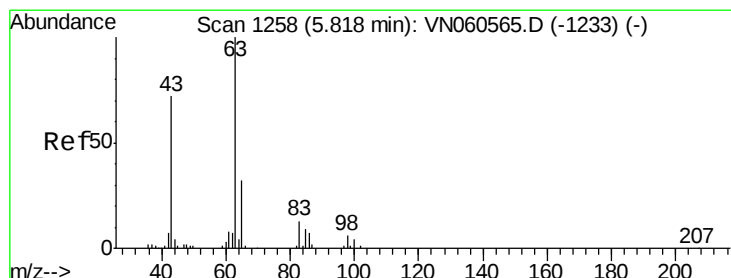
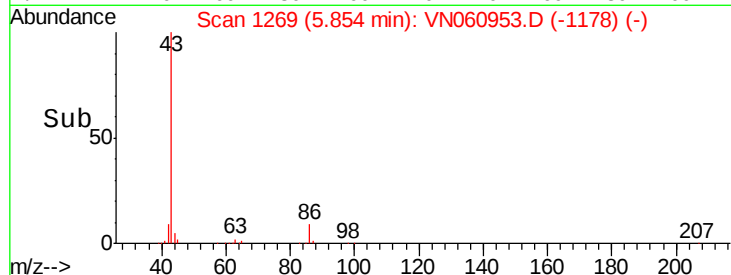
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.892 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

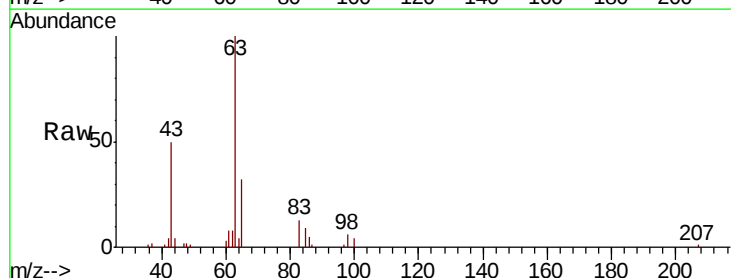
Tgt Ion: 63 Resp: 58056

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060953.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060953.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060953.D (-1165) (-)

25000

20000

15000

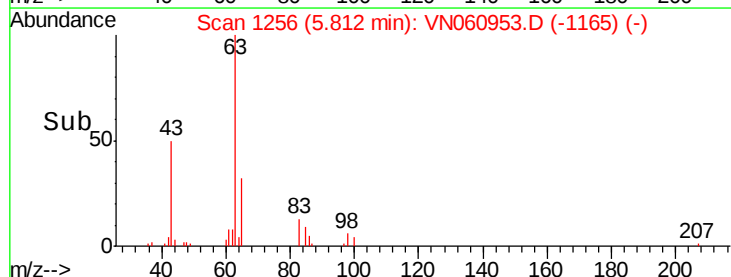
10000

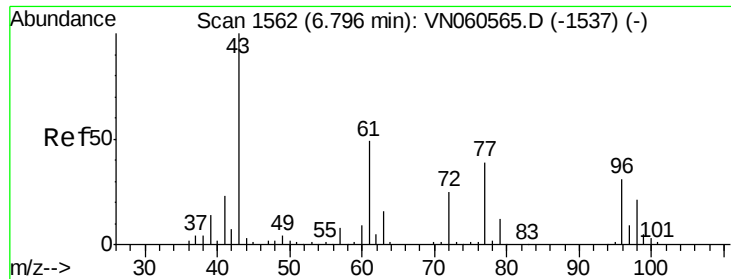
5000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 98.856 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

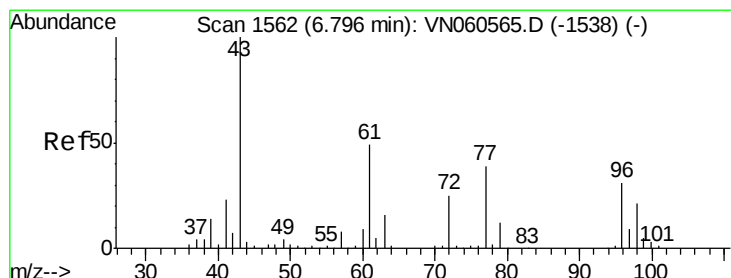
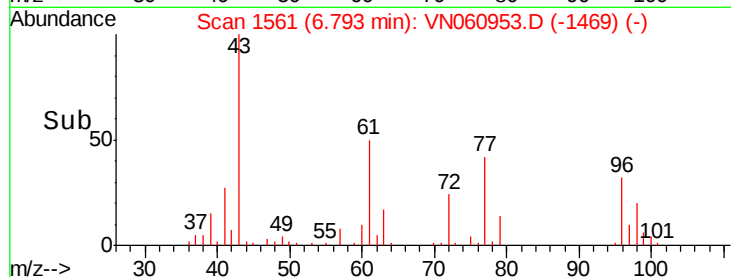
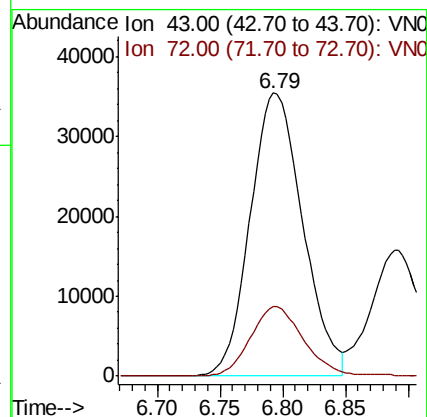
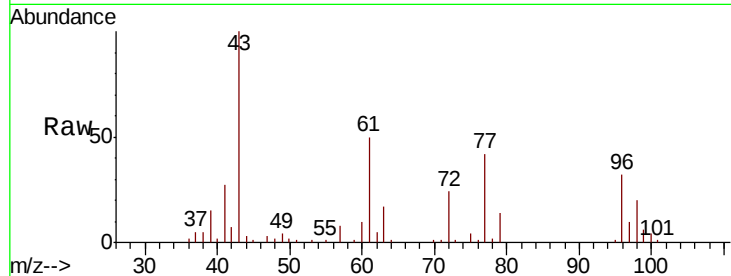
ClientSampled :

Tot Ion: 43 Resp: 103513

Ion Ratio Lower Upper

43 100

72 24.5 20.4 30.6



#26

2,2-Dichloropropane

Concen: 21.181 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VN060953.D

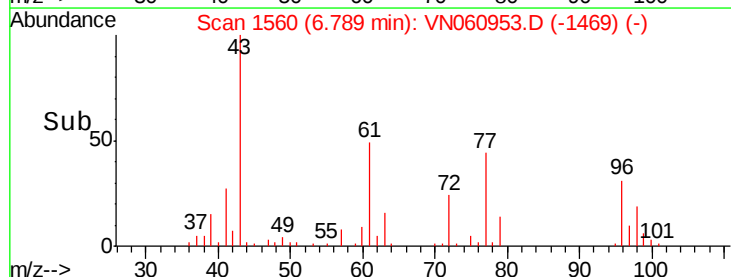
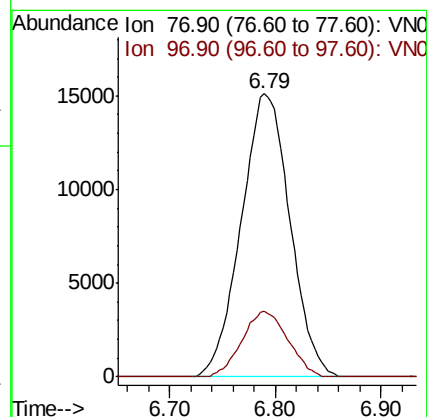
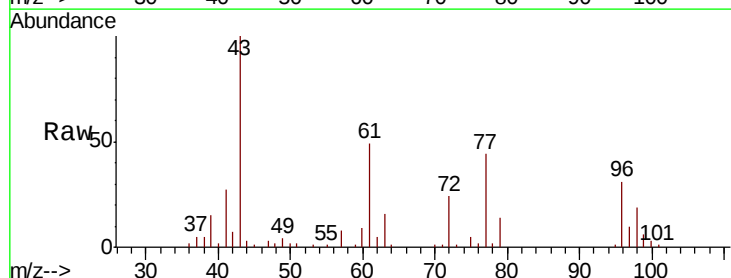
Acq: 15 Apr 2020 12:05

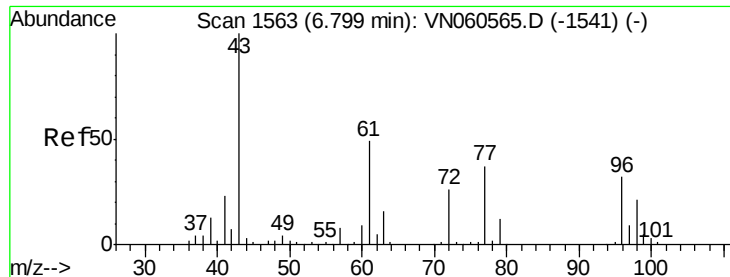
Tgt Ion: 77 Resp: 48637

Ion Ratio Lower Upper

77 100

97 21.8 11.4 34.1

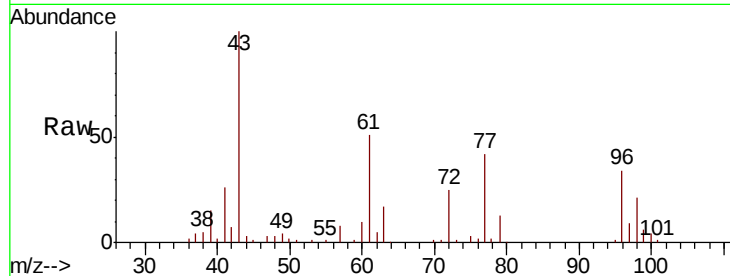




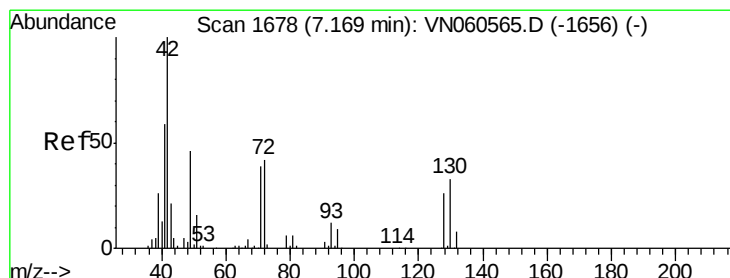
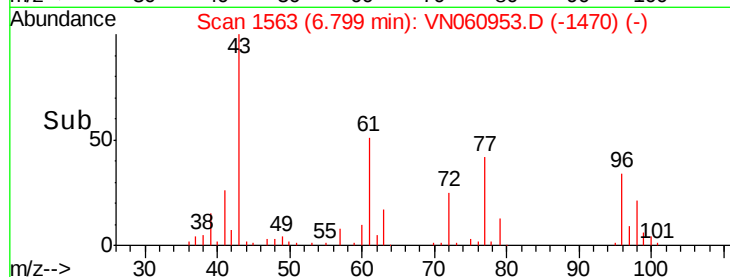
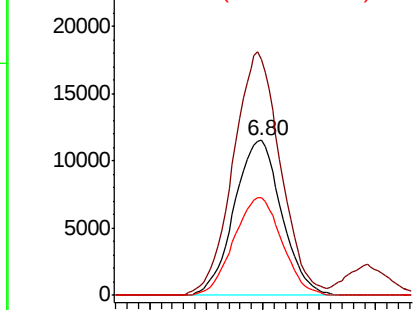
#27
 cis-1,2-Dichloroethene
 Concen: 19.225 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	305.6
98	63.9	0.0	127.6

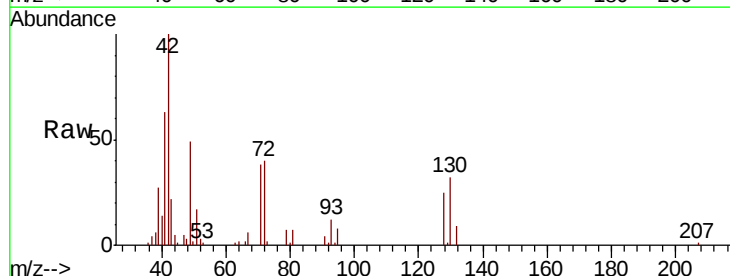


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

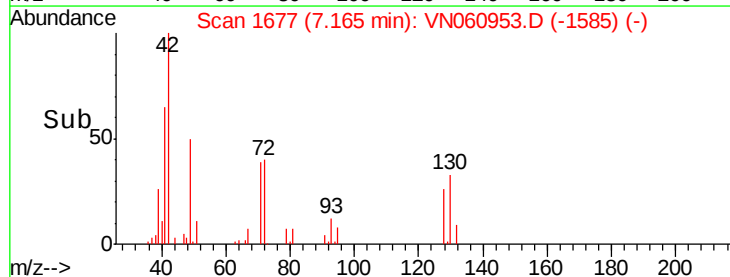
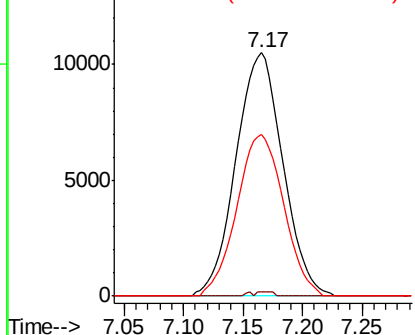


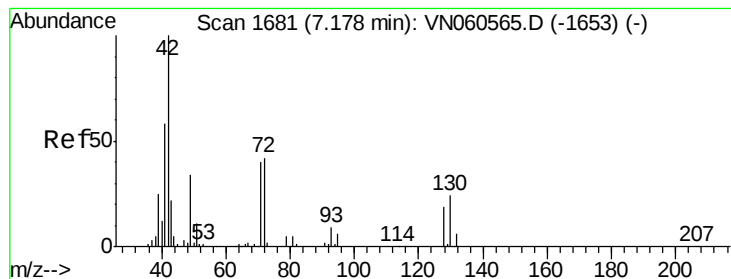
#28
 Bromochloromethane
 Concen: 20.598 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.4
130	66.2	55.0	82.4



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: 96.488 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

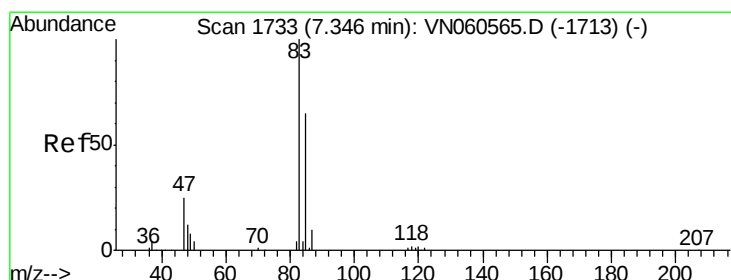
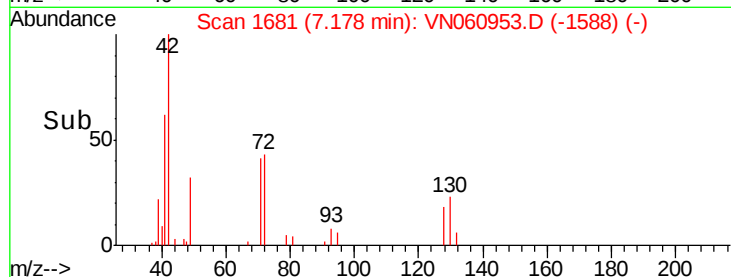
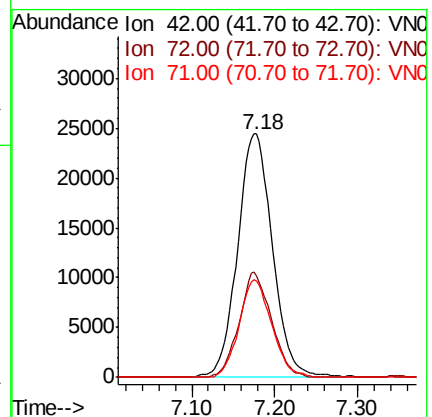
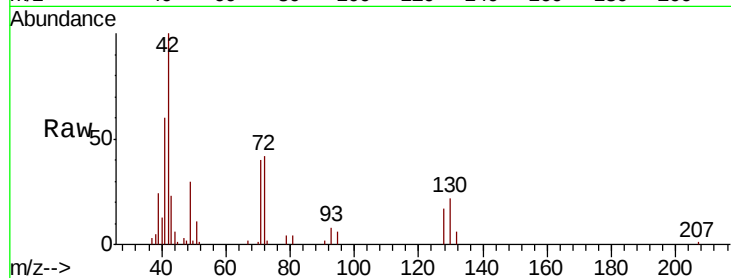
Tot Ion: 42 Resp: 71485

Ion Ratio Lower Upper

42 100

72 39.7 33.2 49.8

71 37.5 31.1 46.7



#30

Chloroform

Concen: 19.708 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060953.D

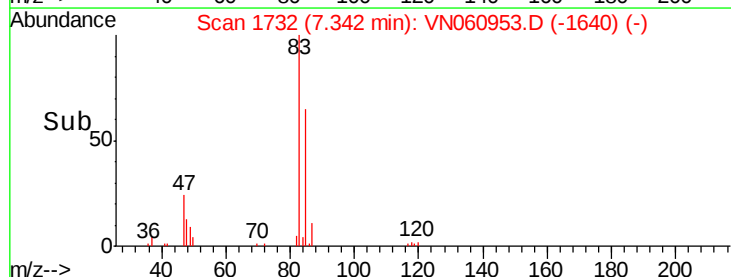
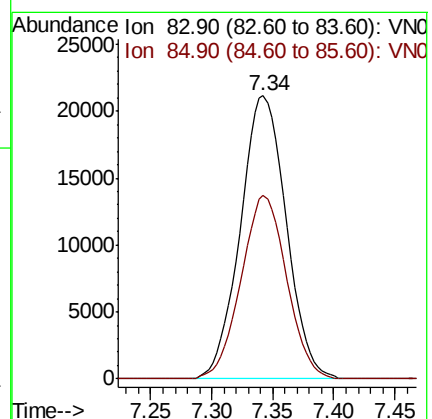
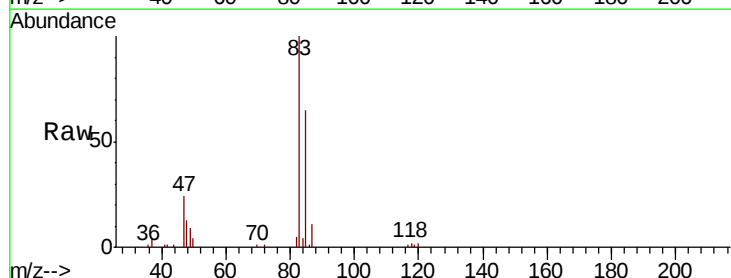
Acq: 15 Apr 2020 12:05

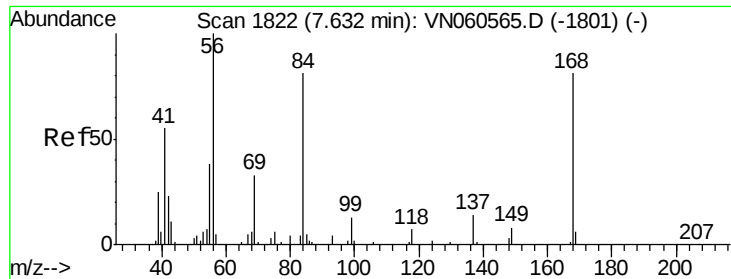
Tgt Ion: 83 Resp: 55141

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8

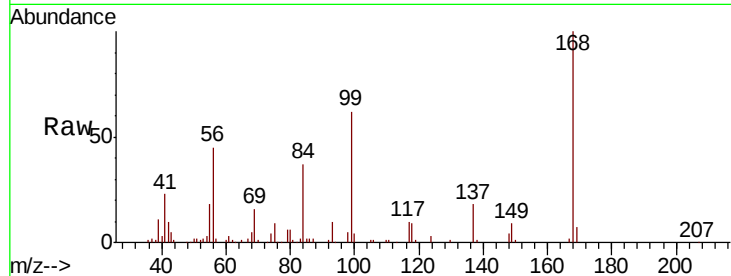




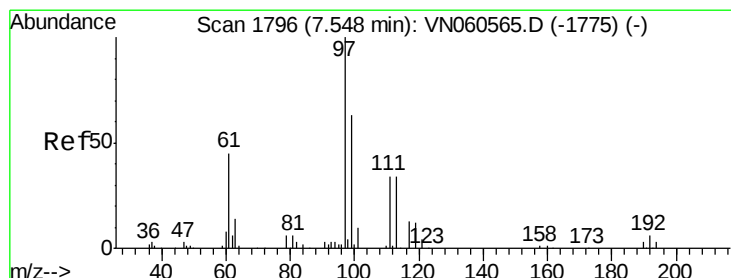
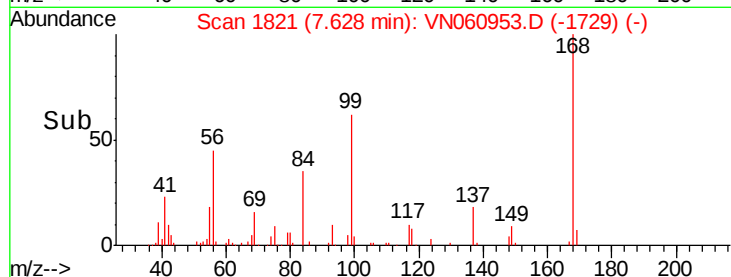
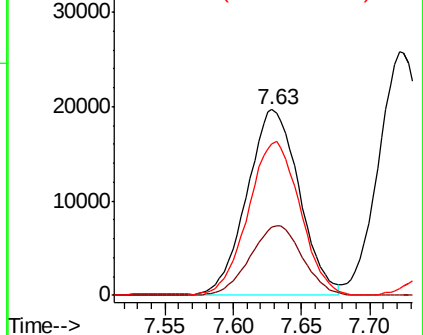
#31
Cyclohexane
Concen: 17.829 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 52459
Ion Ratio Lower Upper
56 100
69 36.9 26.6 40.0
84 80.9 64.3 96.5

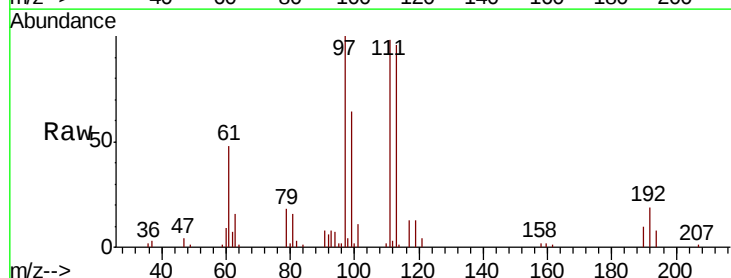


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

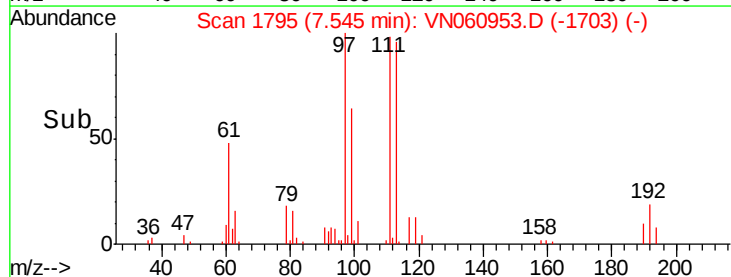
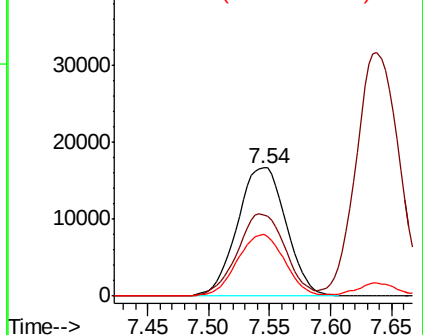


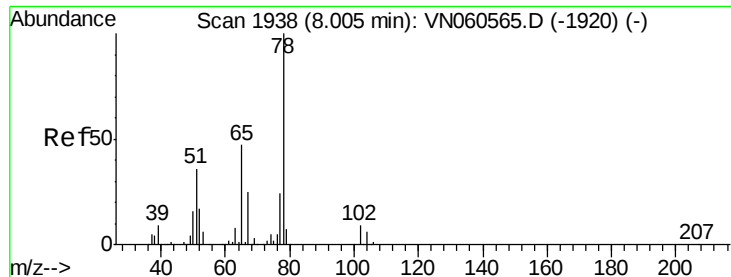
#32
1,1,1-Trichloroethane
Concen: 19.279 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 97 Resp: 46499
Ion Ratio Lower Upper
97 100
99 63.1 50.6 75.8
61 46.6 36.2 54.4



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

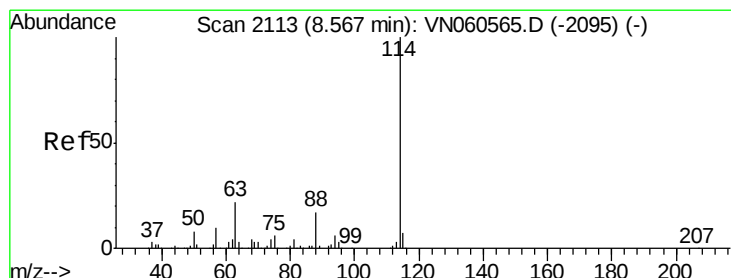
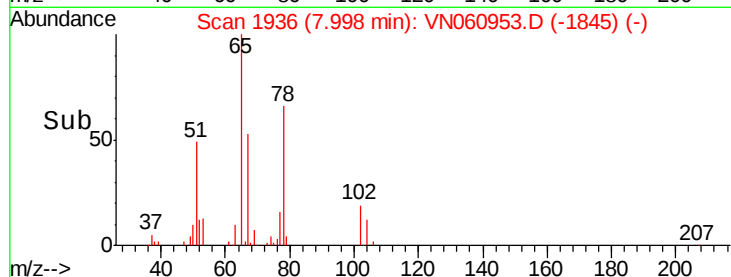
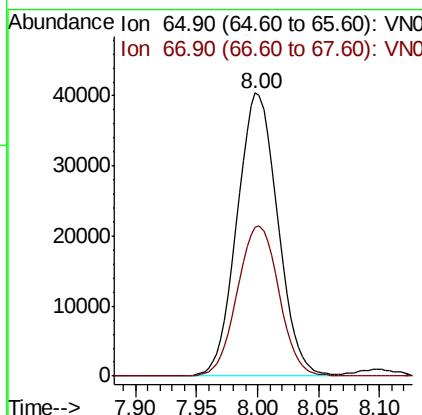
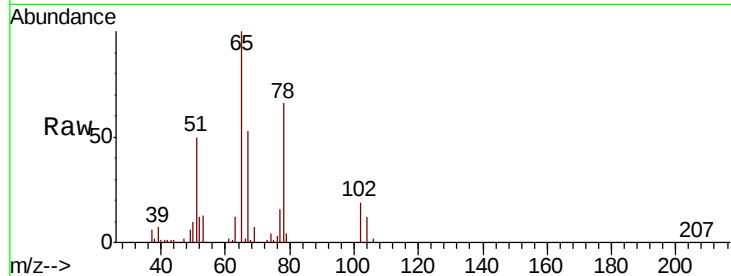




#33
 1,2-Dichloroethane-d4
 Concen: 51.186 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

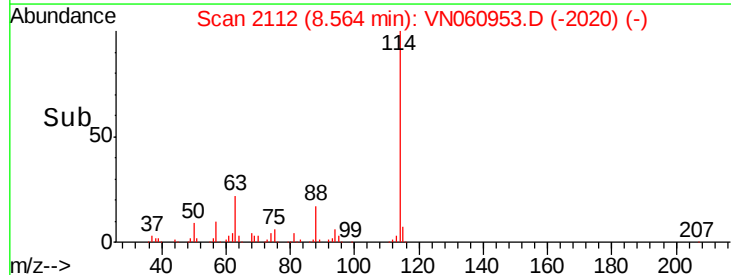
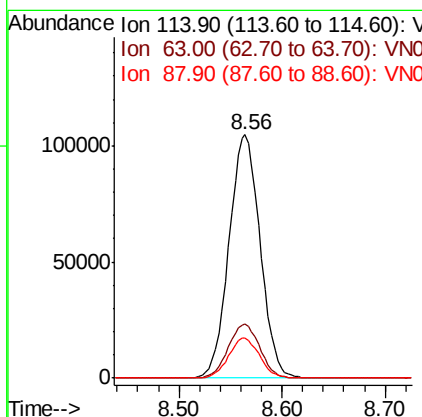
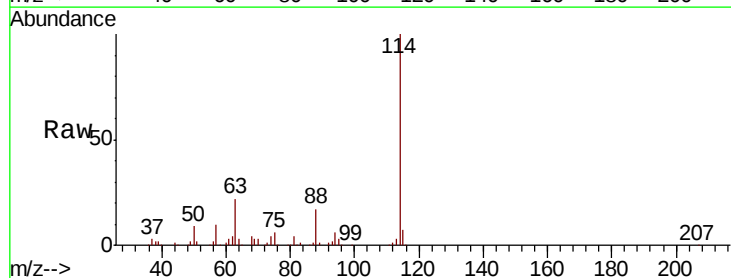
Instrument :
 MSVOA_N
 ClientSampleId :

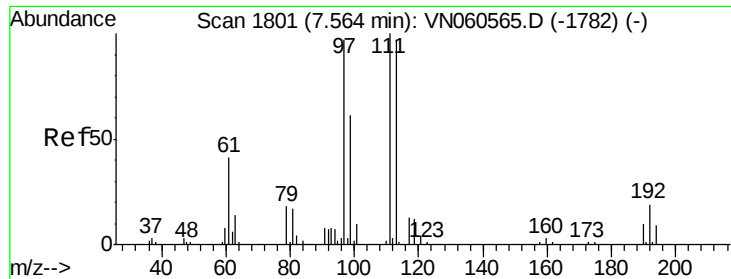
Tot Ion: 65 Resp: 93507
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion: 114 Resp: 220276
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.5 0.0 33.0

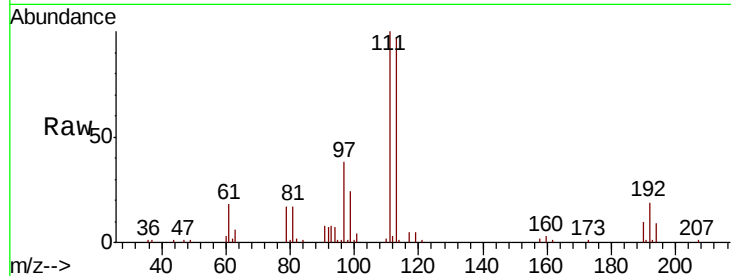




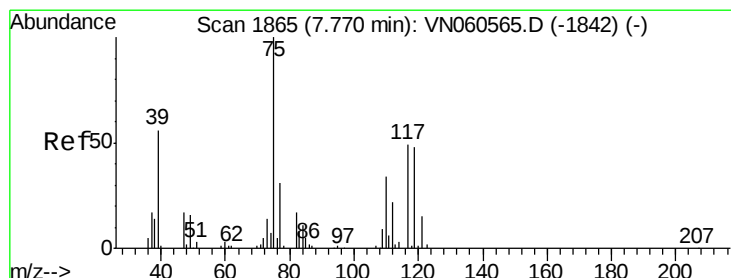
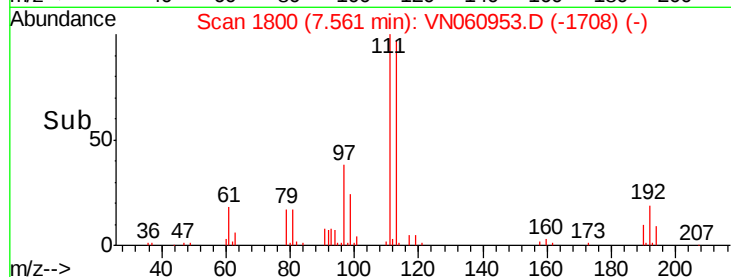
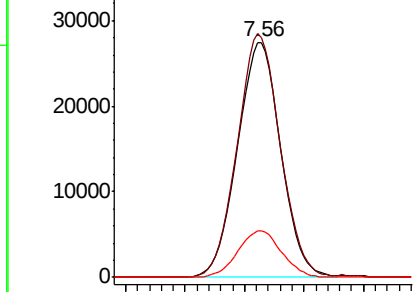
#35
 Dibromofluoromethane
 Concen: 51.963 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	20.0	15.8	23.8

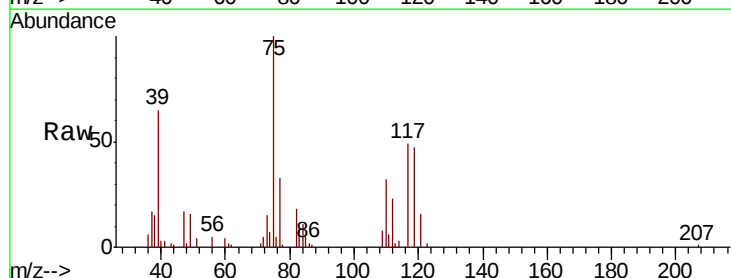


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

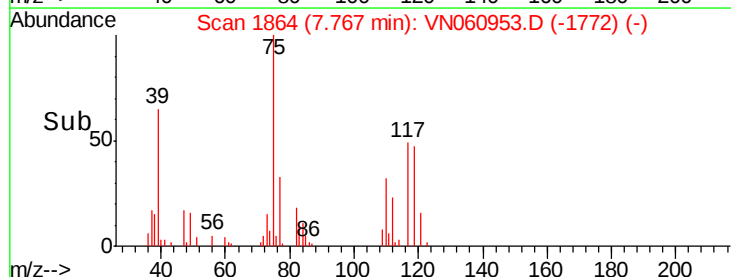
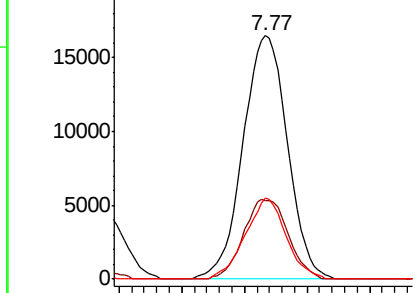


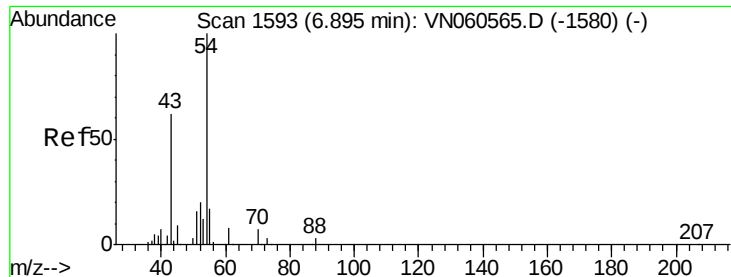
#36
 1,1-Dichloropropene
 Concen: 19.074 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.9	50.6
77	30.6	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

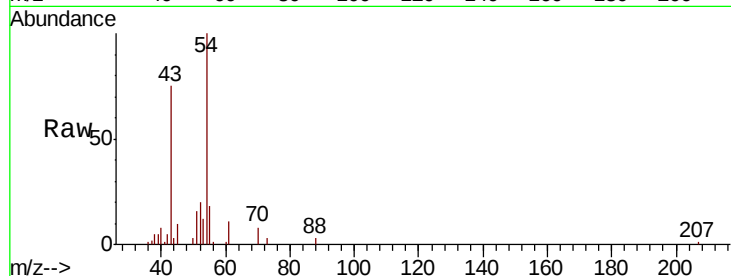




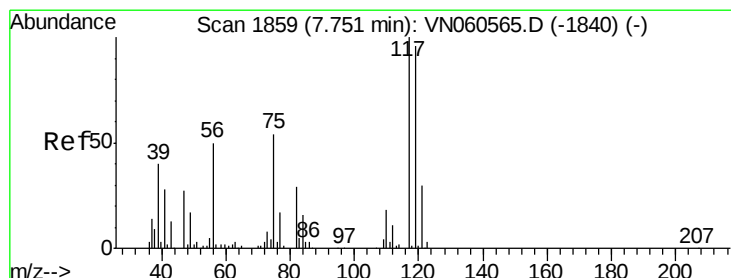
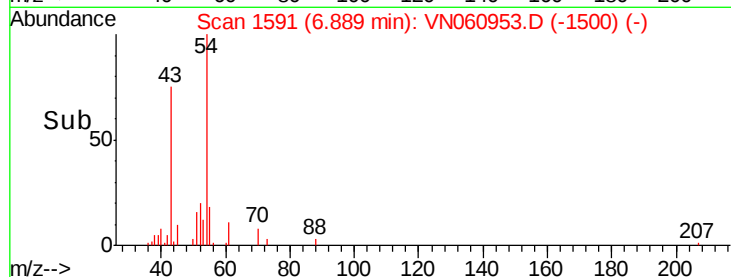
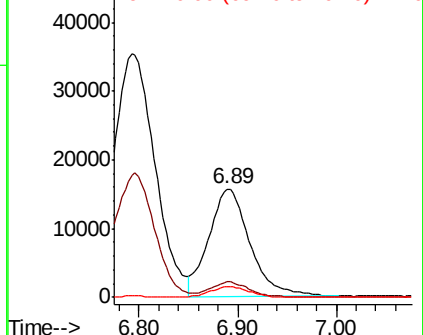
#37
Ethyl Acetate
Concen: 19.701 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 45405
Ion Ratio Lower Upper
43 100
61 13.5 10.6 15.8
70 9.3 7.9 11.9

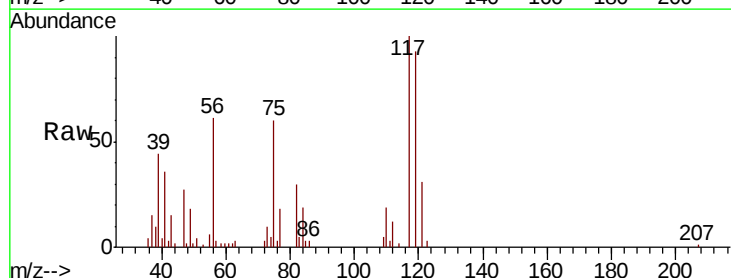


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

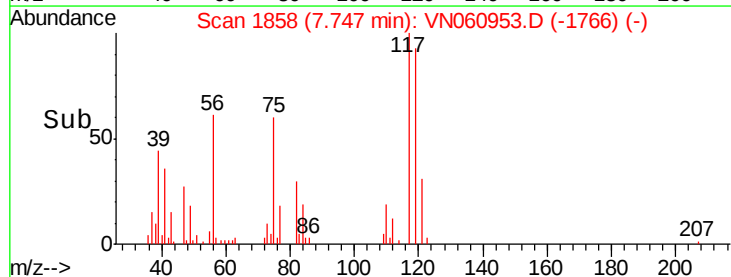
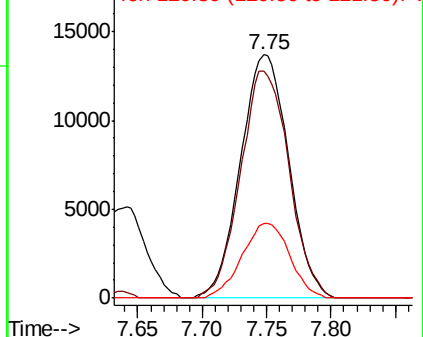


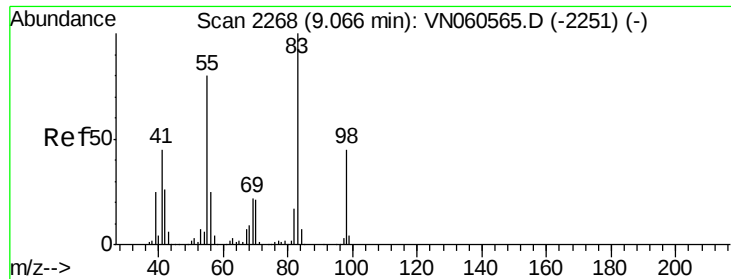
#38
Carbon Tetrachloride
Concen: 18.661 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 117 Resp: 35673
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.2
121 30.9 23.7 35.5



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

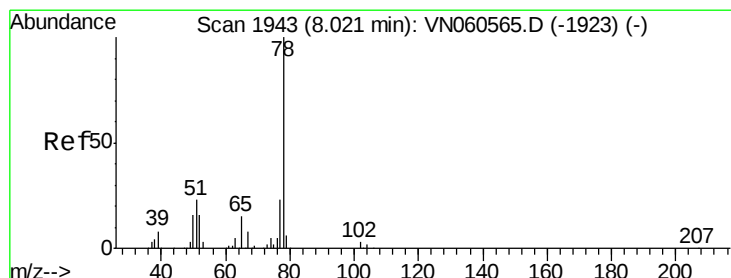
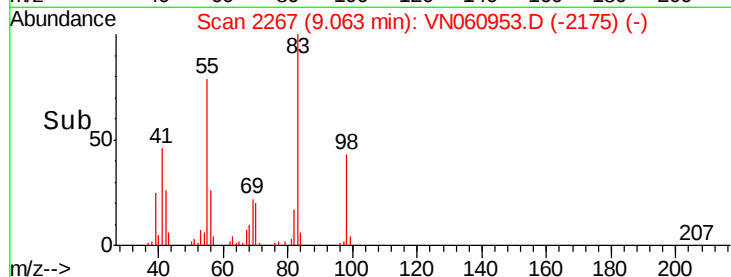
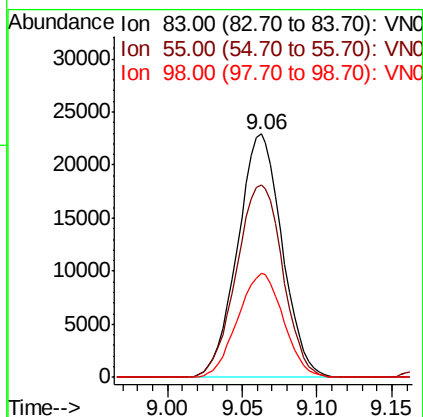
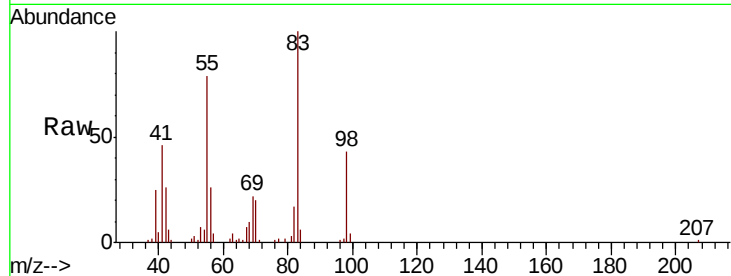




#39
Methvlcvclohexane
Concen: 18.728 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

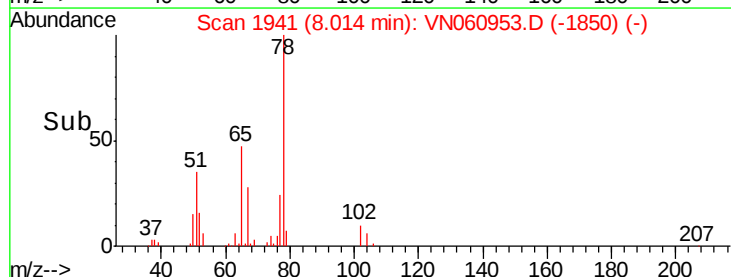
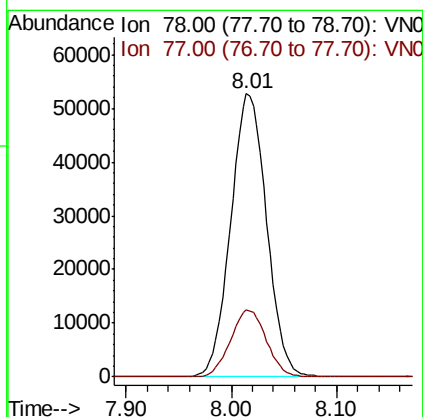
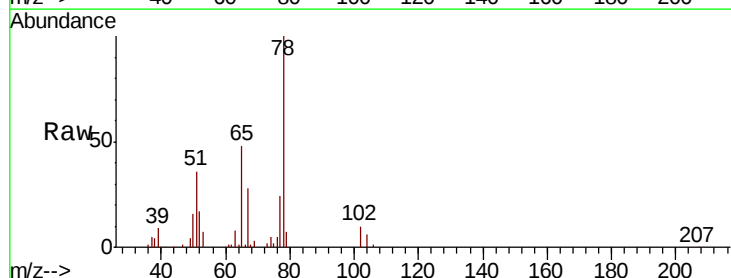
Instrument :
MSVOA_N
ClientSampled :

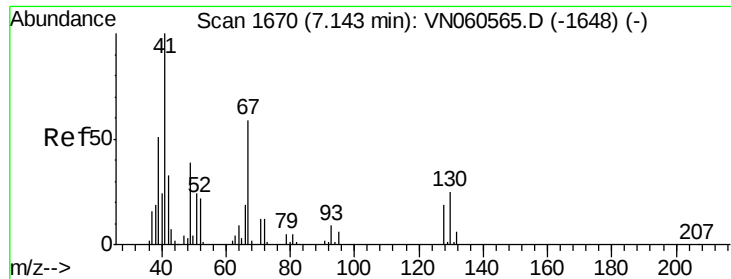
Tot Ion: 83 Resp: 47471
Ion Ratio Lower Upper
83 100
55 79.2 63.6 95.4
98 42.8 36.0 54.0



#40
Benzene
Concen: 19.297 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 78 Resp: 124254
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

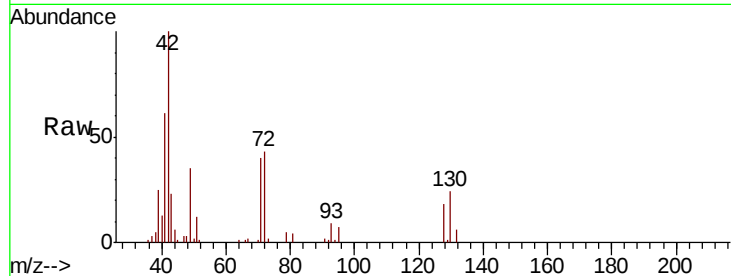




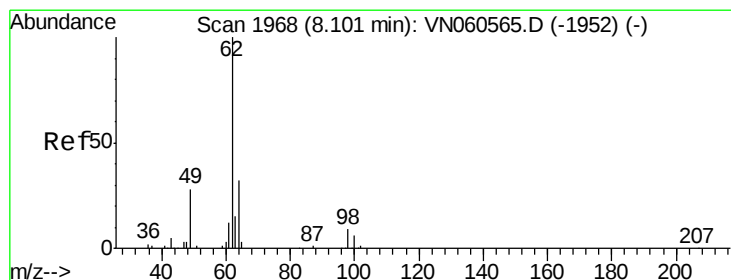
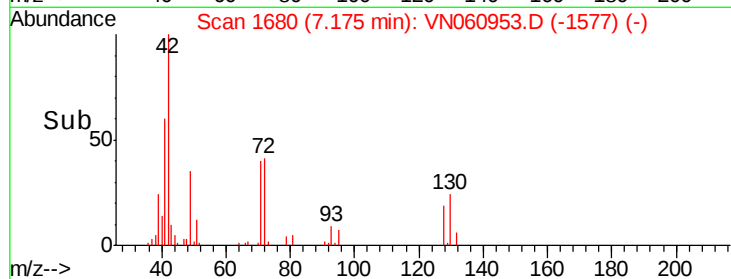
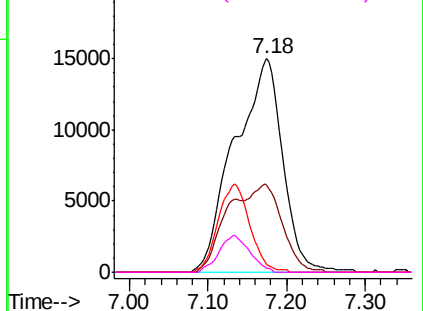
#41
Methacrylonitrile
Concen: 65.217 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	64146
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

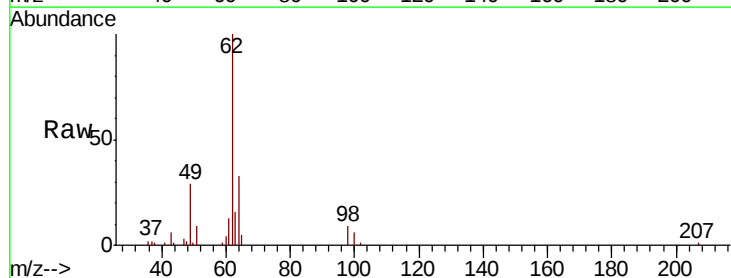


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

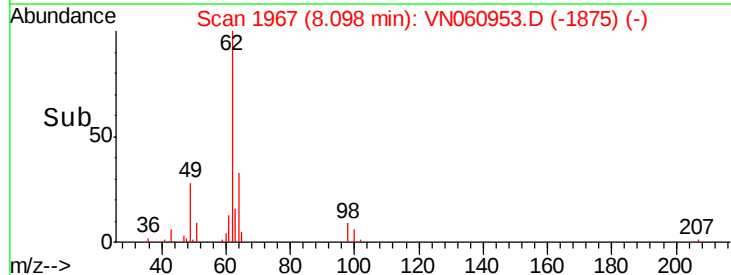
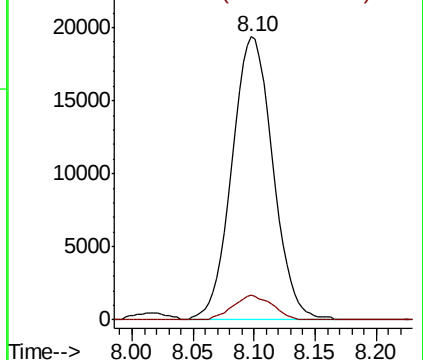


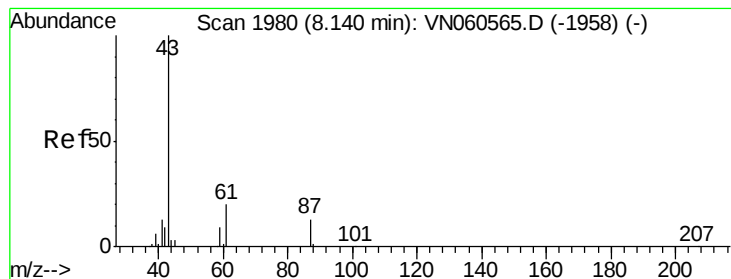
#42
1,2-Dichloroethane
Concen: 20.517 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion:	62	Resp:	45148
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 20.190 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

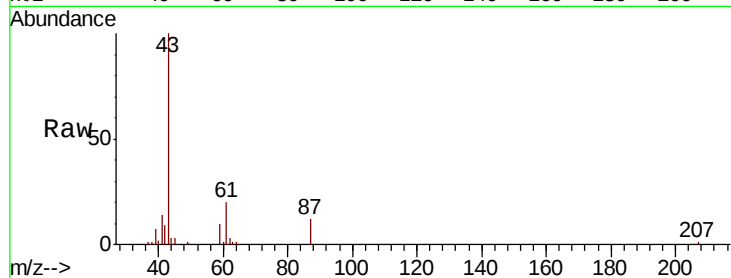
Tot Ion: 43 Resp: 76741

Ion Ratio Lower Upper

43 100

61 26.3 20.7 31.1

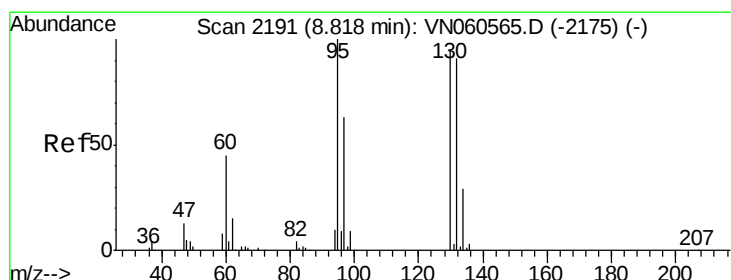
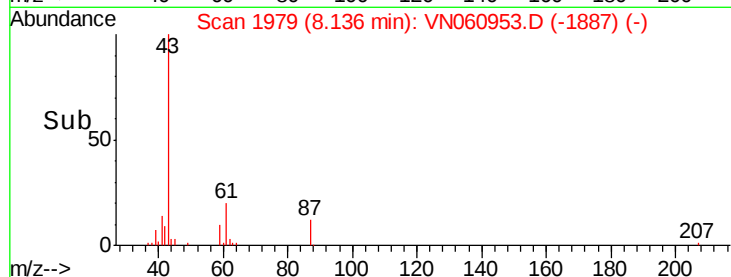
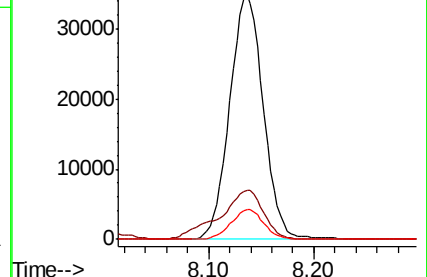
87 11.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060953.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060953.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060953.D (-1979) (-)



#44

Trichloroethene

Concen: 19.181 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060953.D

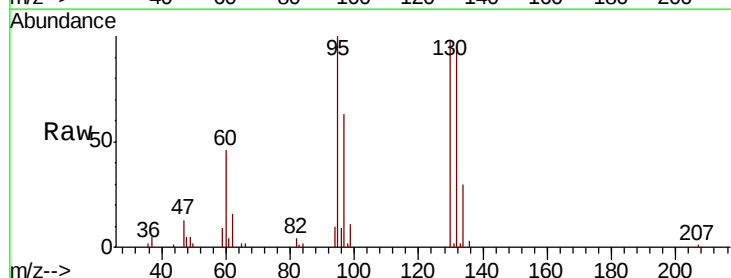
Acq: 15 Apr 2020 12:05

Tgt Ion:130 Resp: 31134

Ion Ratio Lower Upper

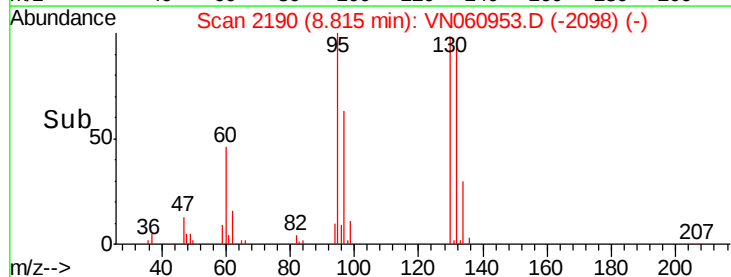
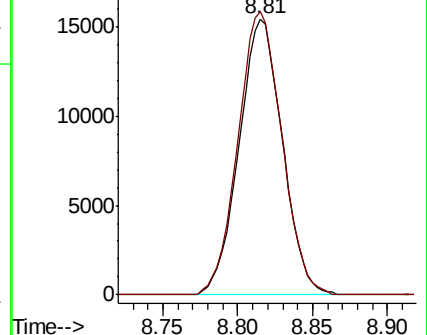
130 100

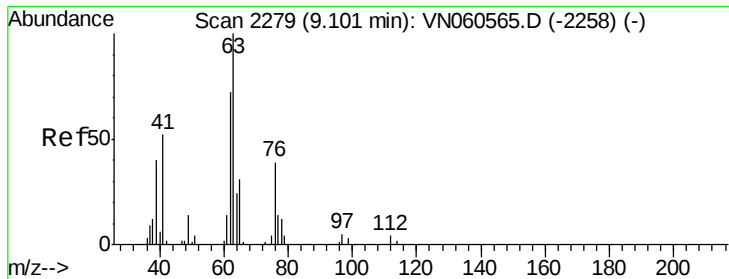
95 102.4 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060953.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN060953.D (-2190) (-)





#45

1,2-Dichloropropane

Concen: 20.857 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

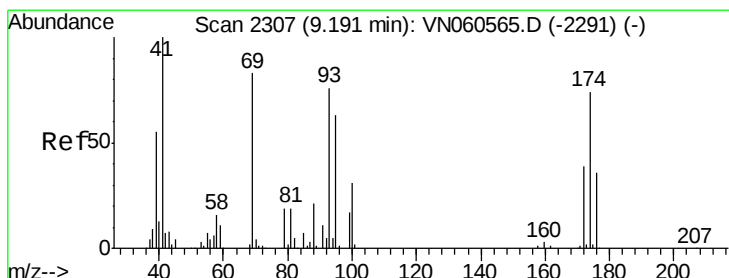
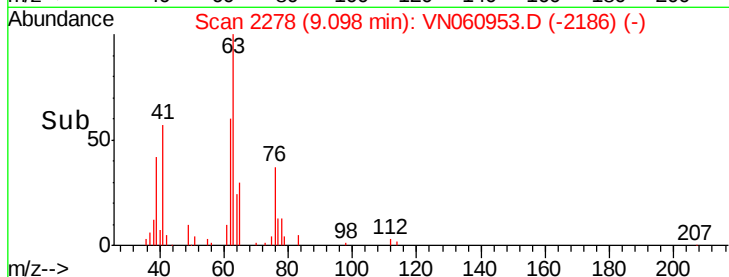
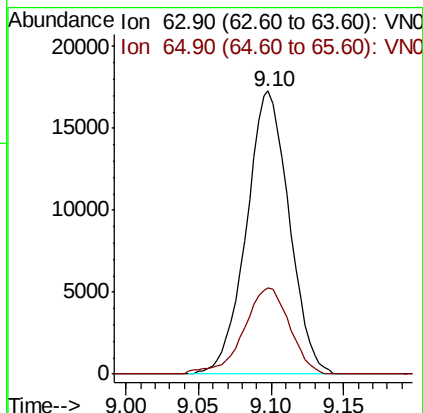
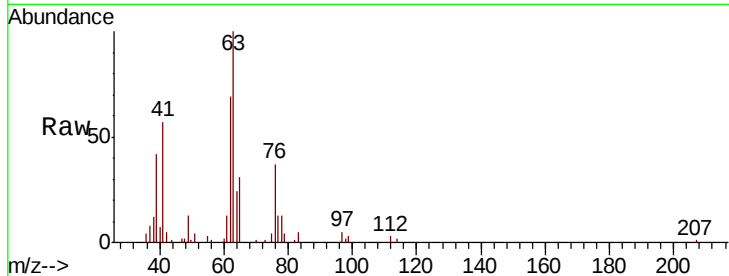
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 35437

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.0



#46

Dibromomethane

Concen: 20.062 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

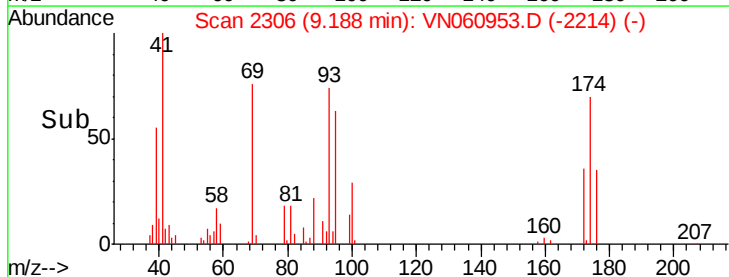
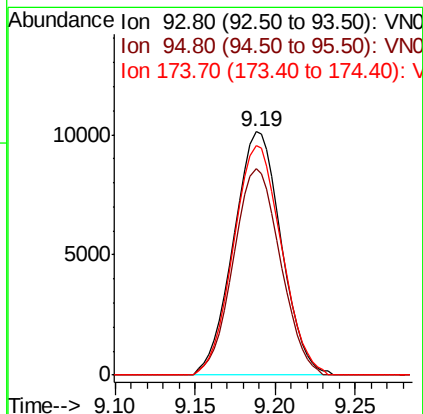
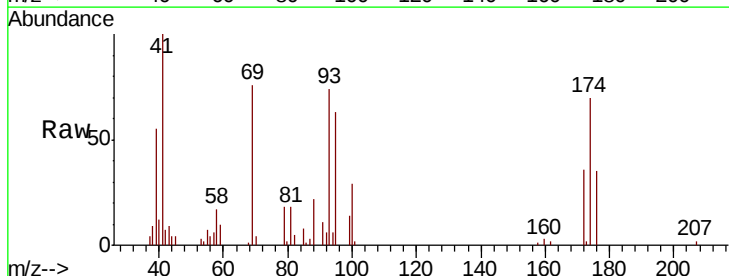
Tgt Ion: 93 Resp: 20607

Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 95.2 77.9 116.9





#47

Bromodichloromethane

Concen: 20.386 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

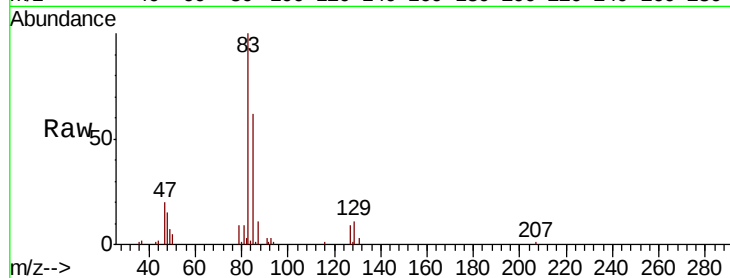
Tot Ion: 83 Resp: 43512

Ion Ratio Lower Upper

83 100

85 62.4 51.8 77.6

127 8.6 6.5 9.7

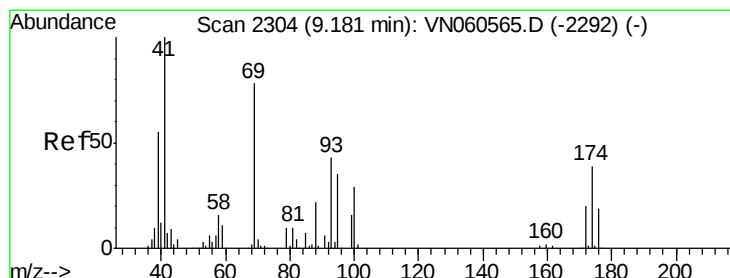
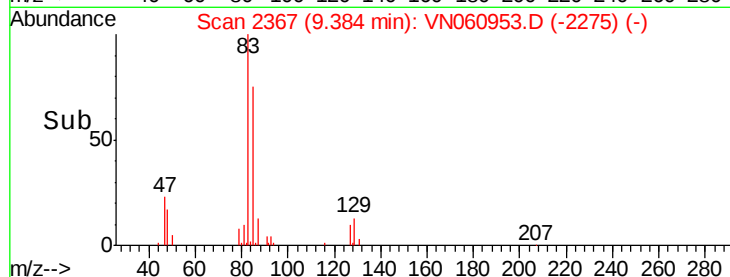


Abundance Ion 82.90 (82.60 to 83.60): VN060953.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060953.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060953.D (-2275) (-)

Time-->



#48

Methyl methacrylate

Concen: 19.696 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

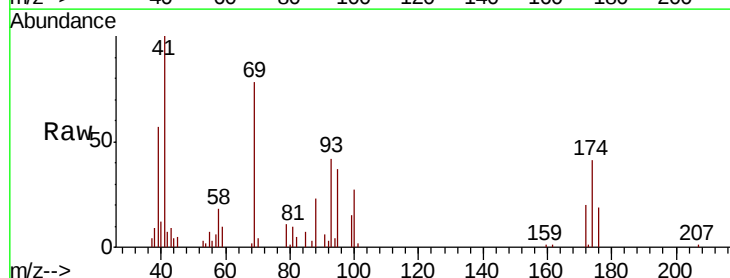
Tgt Ion: 41 Resp: 33331

Ion Ratio Lower Upper

41 100

69 78.2 65.4 98.0

39 54.8 44.0 66.0

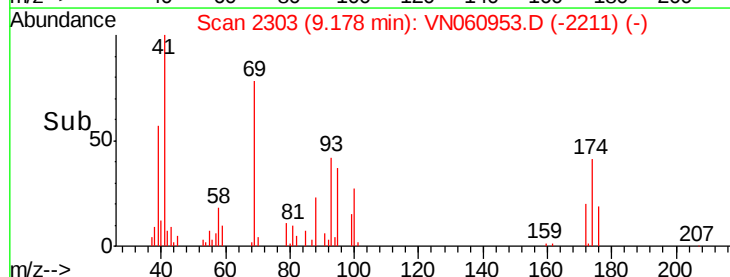


Abundance Ion 41.00 (40.70 to 41.70): VN060953.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060953.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060953.D (-2211) (-)

Time-->

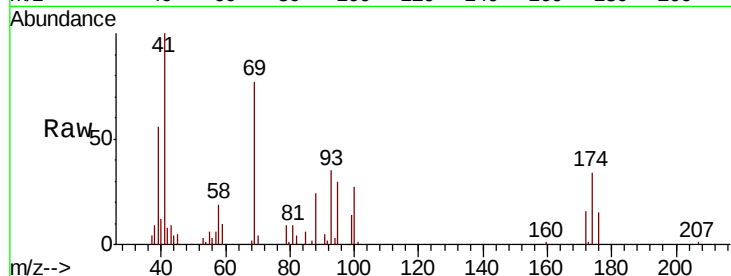




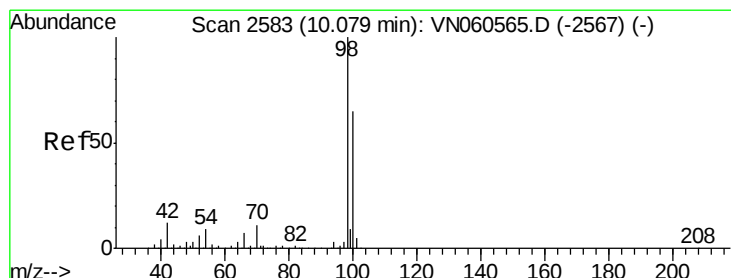
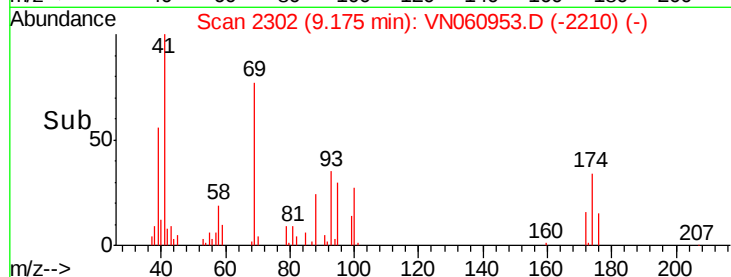
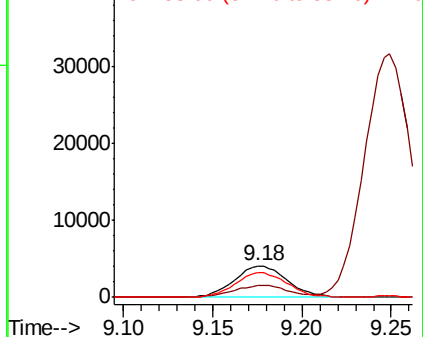
#49
1,4-Dioxane
Concen: 416.265 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 8373
Ion Ratio Lower Upper
88 100
43 39.3 30.8 46.2
58 76.8 59.8 89.8

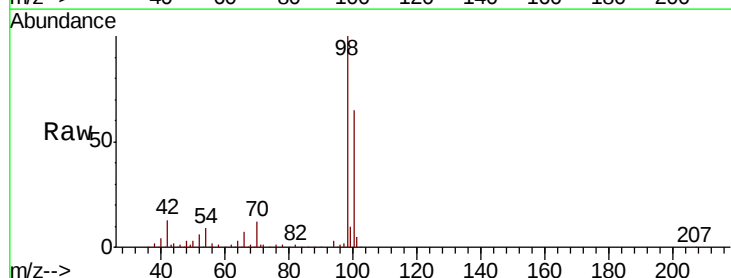


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

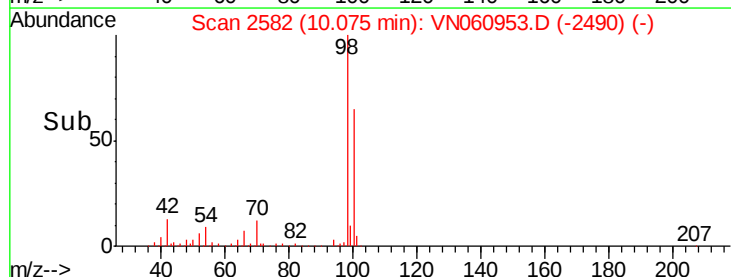
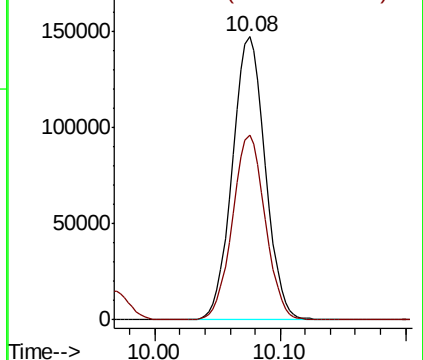


#50
Toluene-d8
Concen: 49.407 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 98 Resp: 268799
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



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

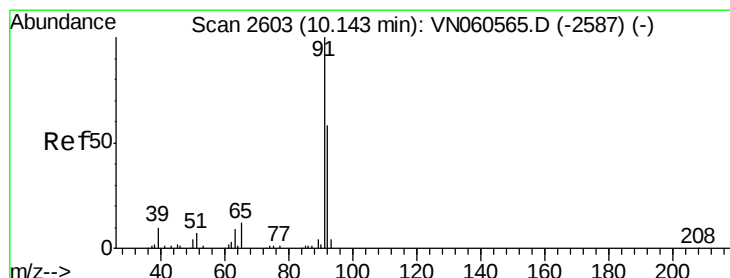
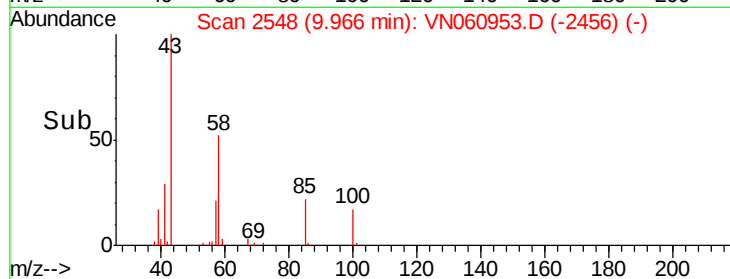
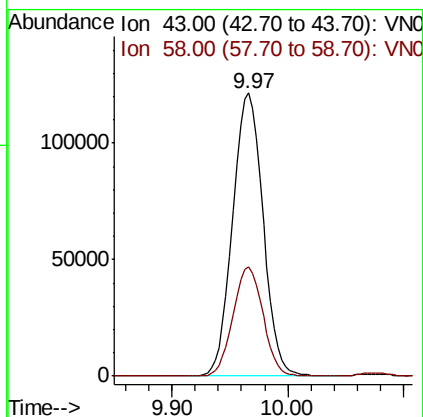
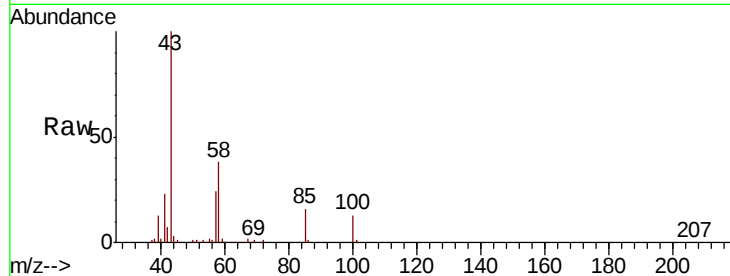




#51
 4-Methyl-2-Pentanone
 Concen: 101.954 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

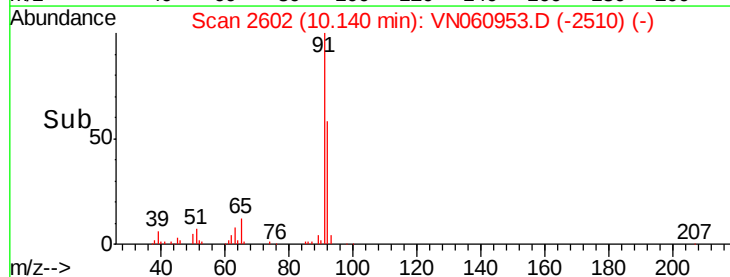
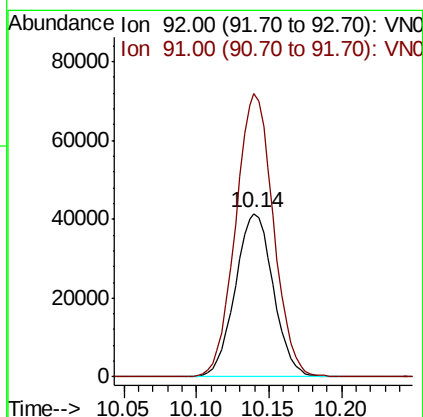
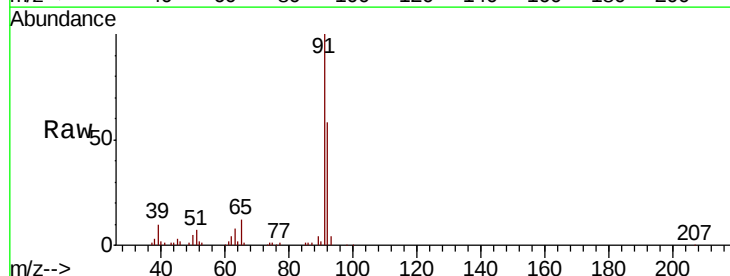
Instrument :
 MSVOA_N
 ClientSampled :

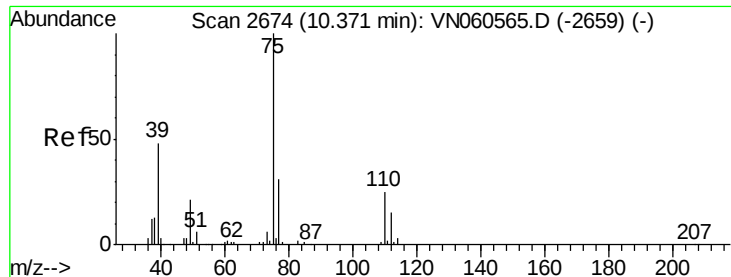
Tot Ion: 43 Resp: 220514
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.8 46.2



#52
 Toluene
 Concen: 19.397 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion: 92 Resp: 75427
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.6 206.4

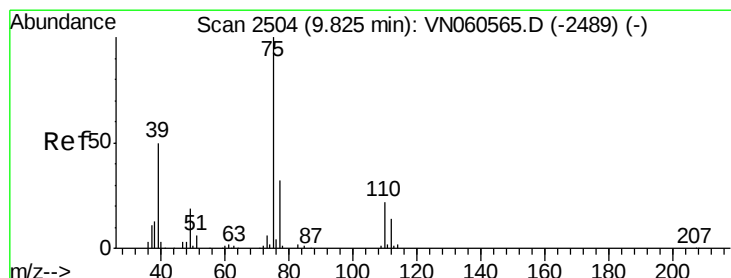
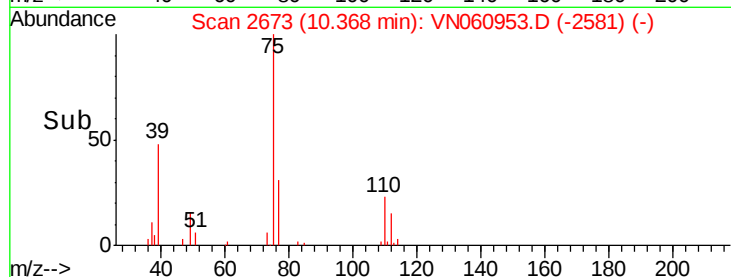
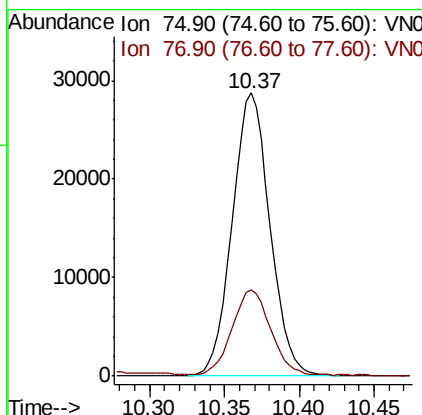
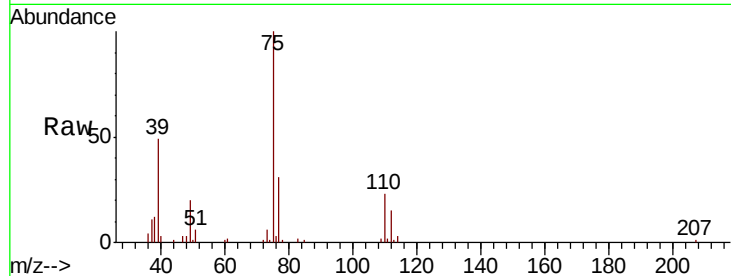




#53
 t-1,3-Dichloropropene
 Concen: 20.586 ug/l
 RT: 10.37 min Scan# 2673
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

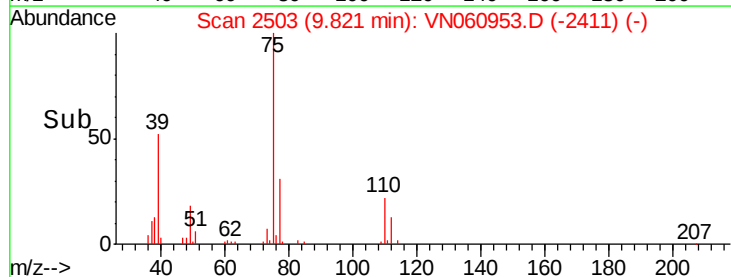
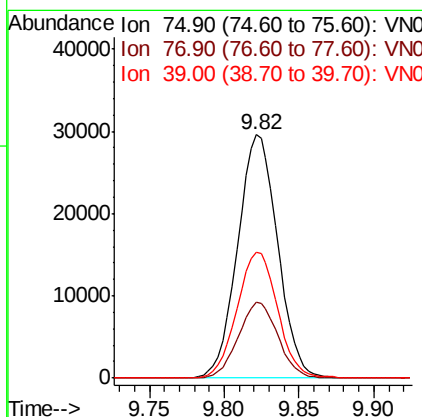
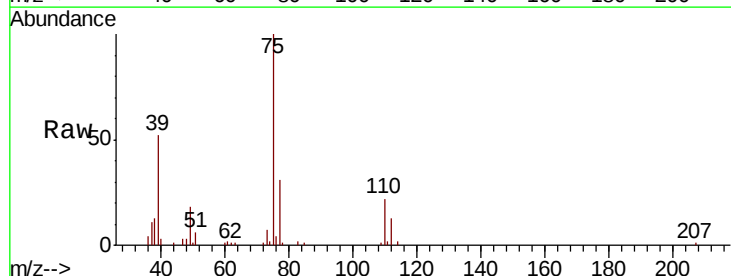
Instrument :
 MSVOA_N
 ClientSampleId :

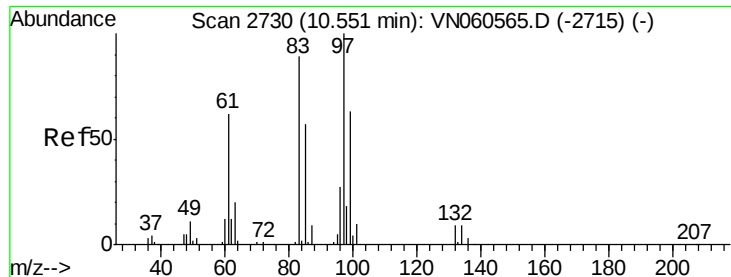
Tot Ion: 75 Resp: 50471
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.430 ug/l
 RT: 9.82 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion: 75 Resp: 54950
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 51.6 40.2 60.4

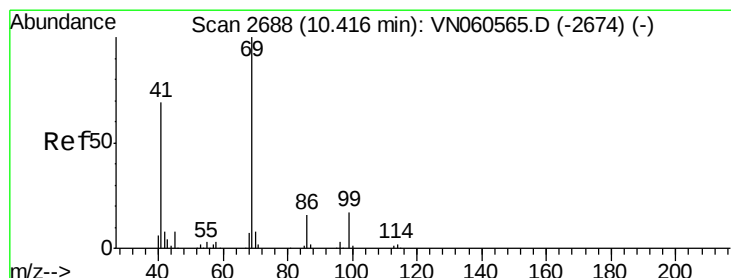
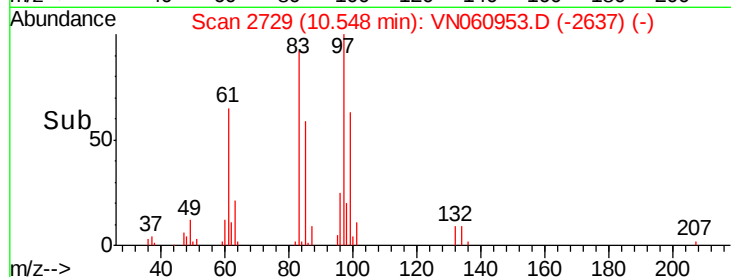
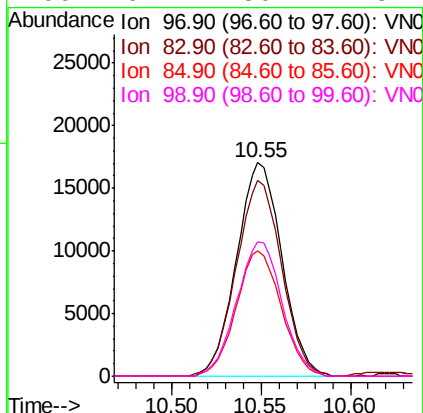
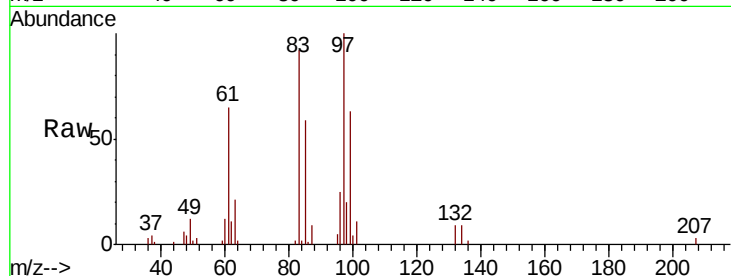




#55
 1,1,2-Trichloroethane
 Concen: 20.159 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

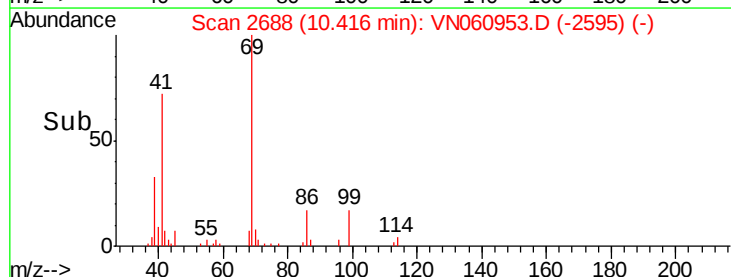
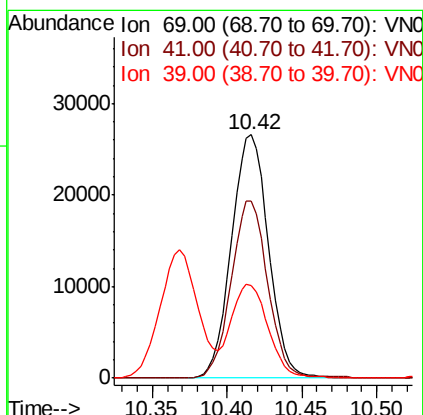
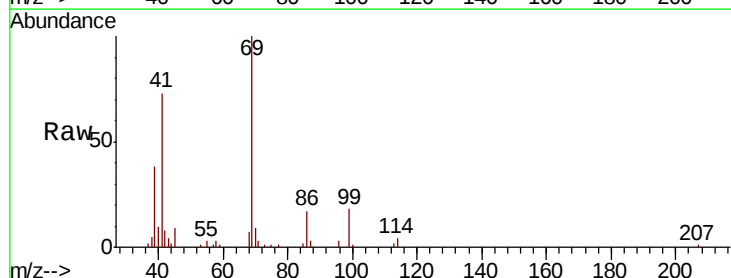
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	30158
Ion	Ratio	Lower	Upper
97	100		
83	91.6	71.3	106.9
85	58.9	45.2	67.8
99	62.7	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.698 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion:	69	Resp:	45948
Ion	Ratio	Lower	Upper
69	100		
41	71.8	55.4	83.2
39	38.6	29.4	44.0

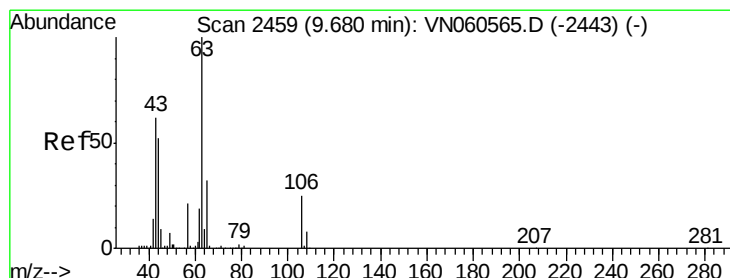
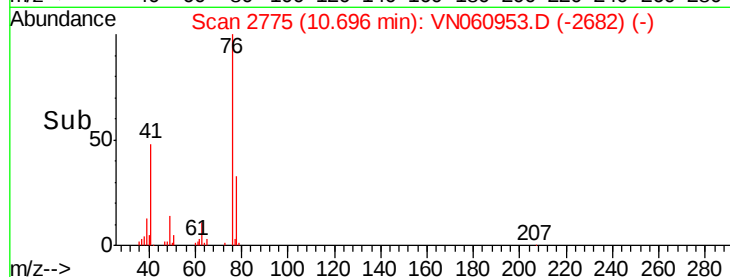
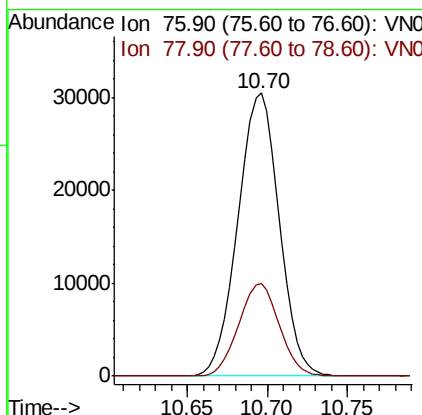
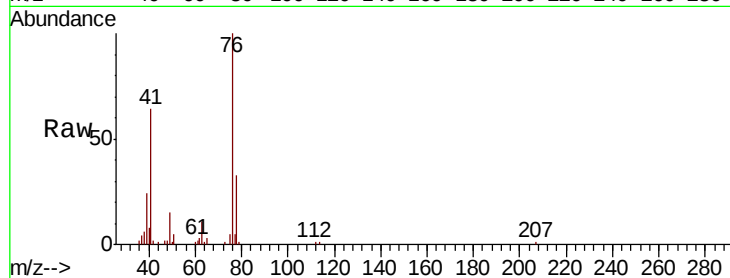




#57
 1,3-Dichloropropane
 Concen: 20.700 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

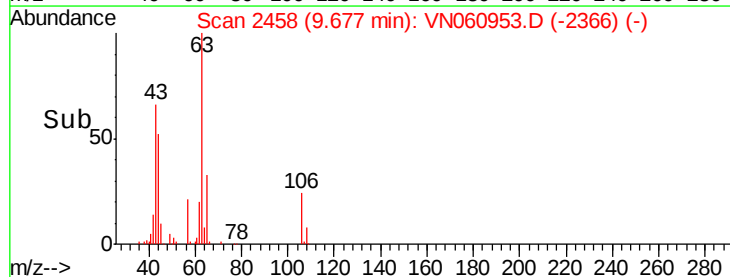
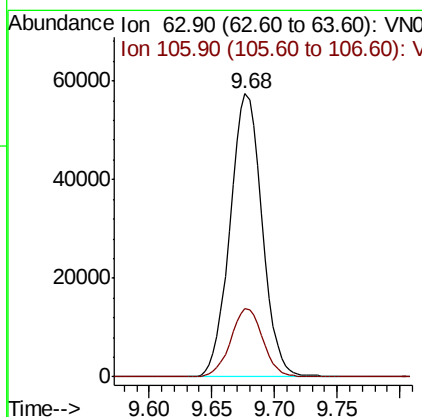
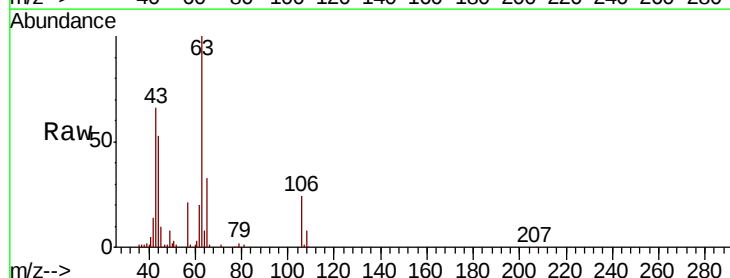
Instrument :
 MSVOA_N
 ClientSampleId :

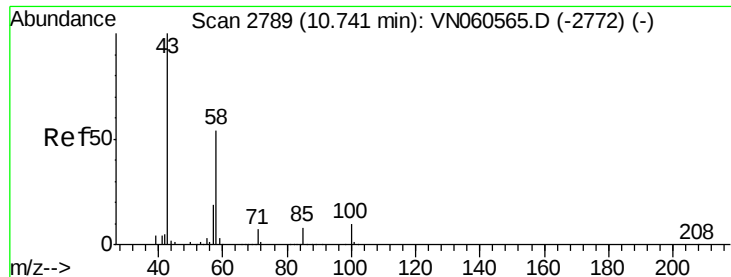
Tot Ion: 76 Resp: 53737
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.096 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion: 63 Resp: 102134
 Ion Ratio Lower Upper
 63 100
 106 24.1 20.0 30.0

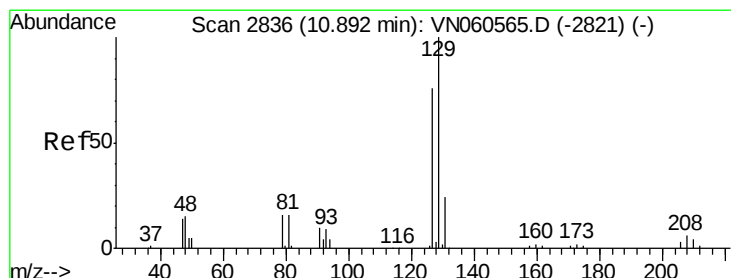
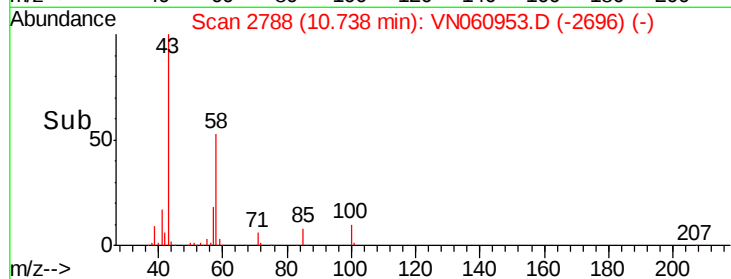
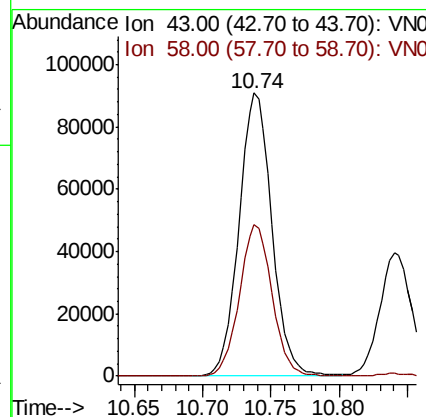
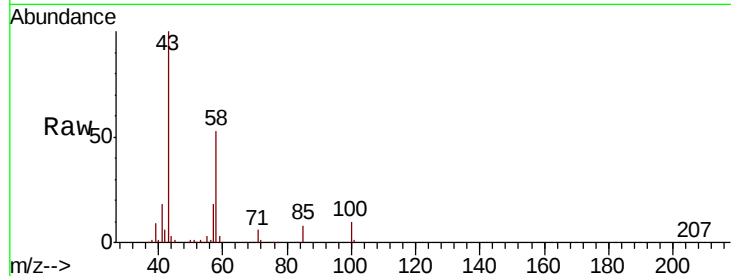




#59
2-Hexanone
Concen: 97.618 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

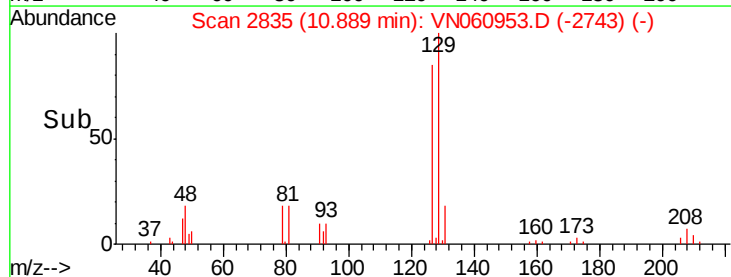
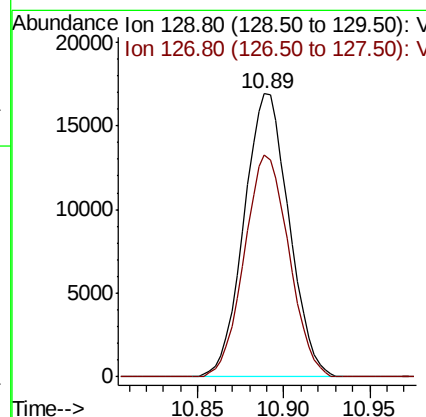
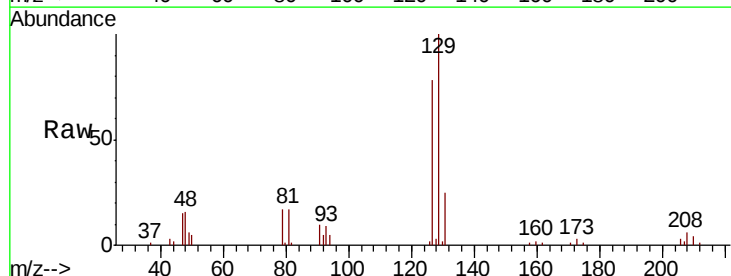
Instrument :
MSVOA_N
ClientSampled :

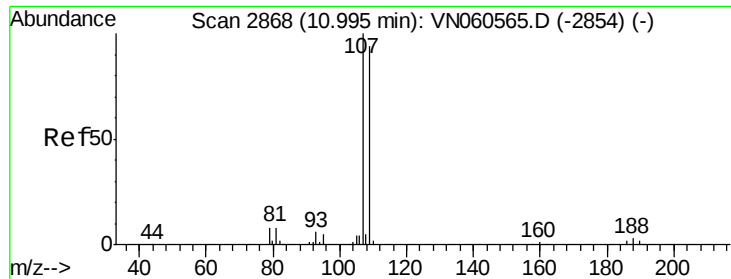
Tot Ion: 43 Resp: 152093
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1



#60
Dibromochloromethane
Concen: 19.928 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 129 Resp: 30795
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.852 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

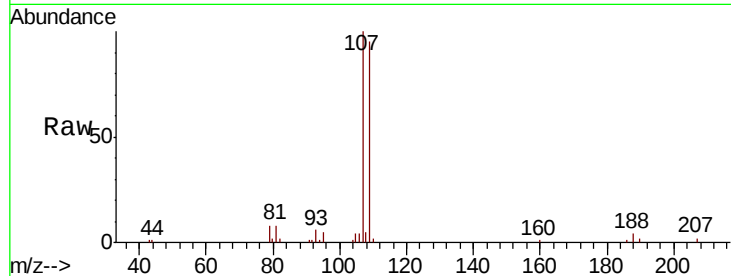
ClientSampleId :

Tot Ion:107 Resp: 29864

Ion Ratio Lower Upper

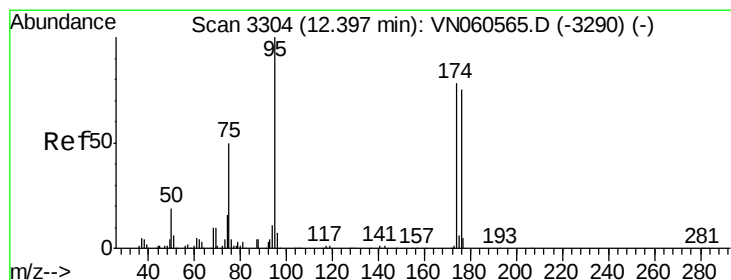
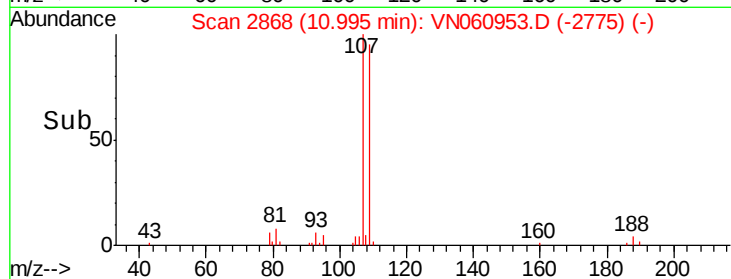
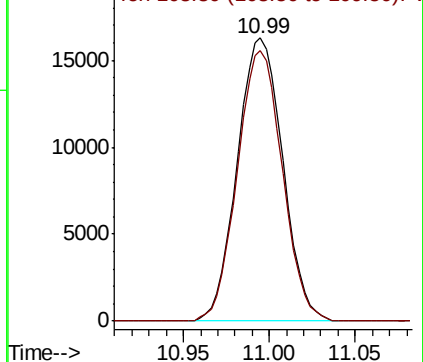
107 100

109 94.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.303 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

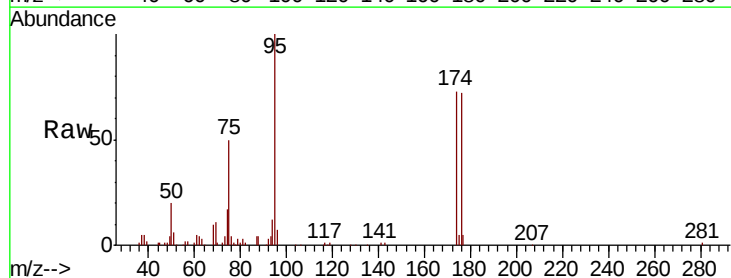
Tgt Ion: 95 Resp: 100296

Ion Ratio Lower Upper

95 100

174 74.9 0.0 157.6

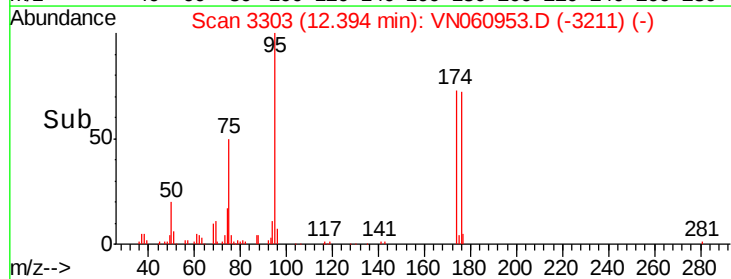
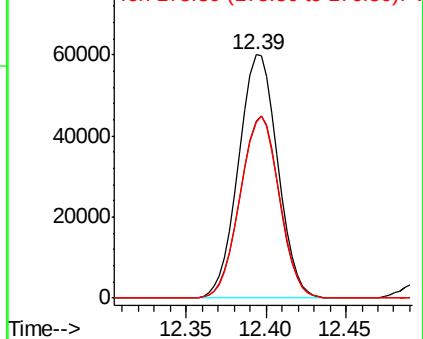
176 74.7 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

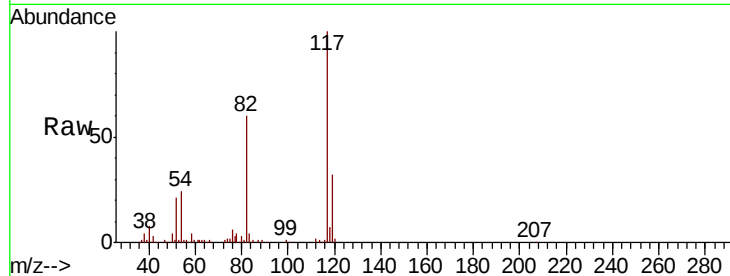
Tot Ion:117 Resp: 201177

Ion Ratio Lower Upper

117 100

82 59.6 46.7 70.1

119 32.1 25.5 38.3

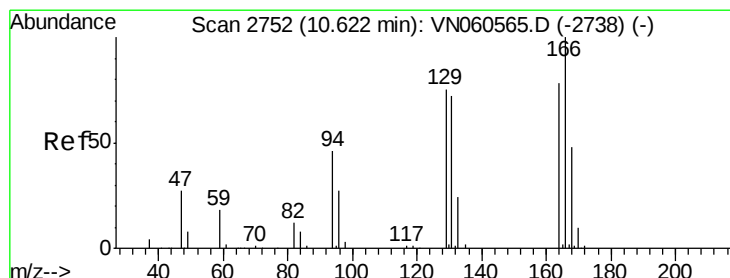
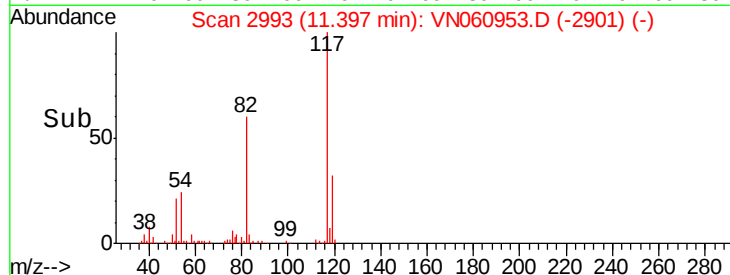
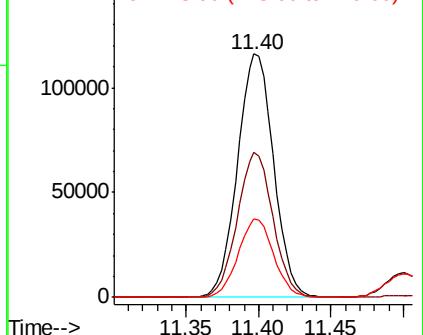


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.199 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Tgt Ion:164 Resp: 28811

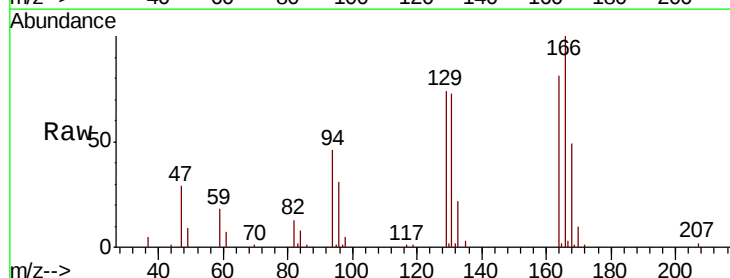
Ion Ratio Lower Upper

164 100

166 123.6 102.7 154.1

129 91.5 77.2 115.8

131 90.5 73.8 110.6



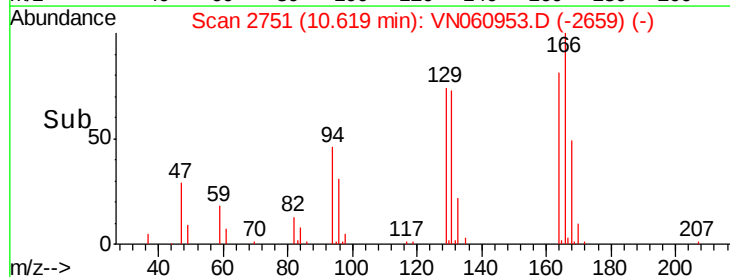
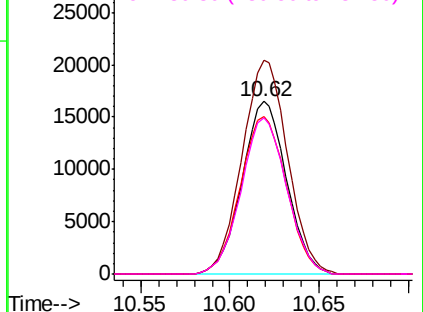
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

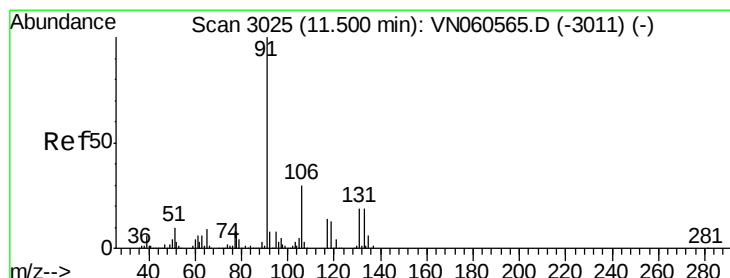
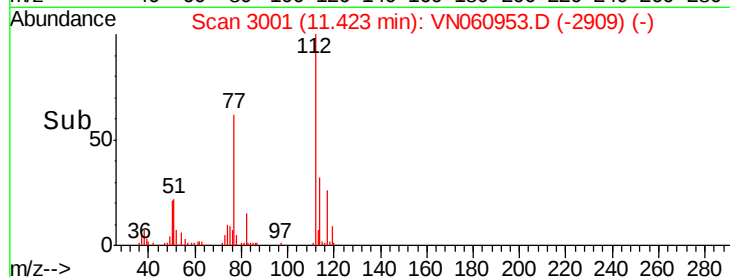
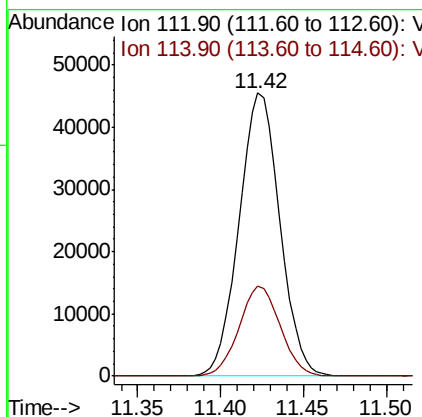
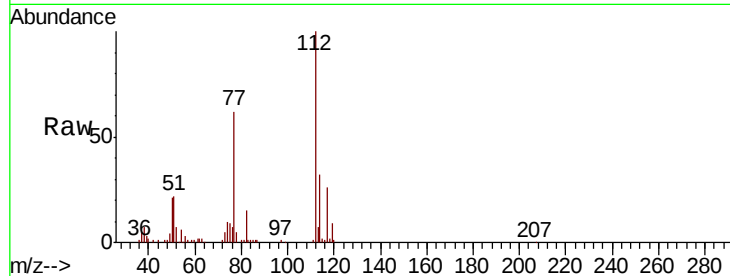




#65
Chlorobenzene
Concen: 19.483 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

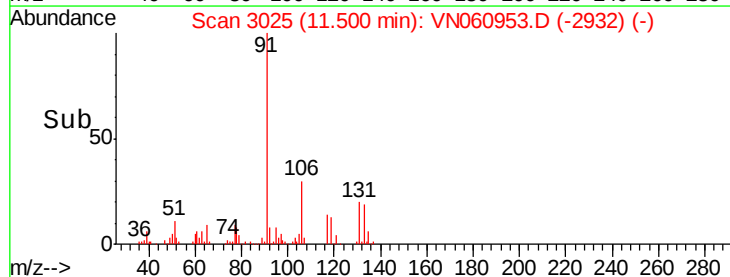
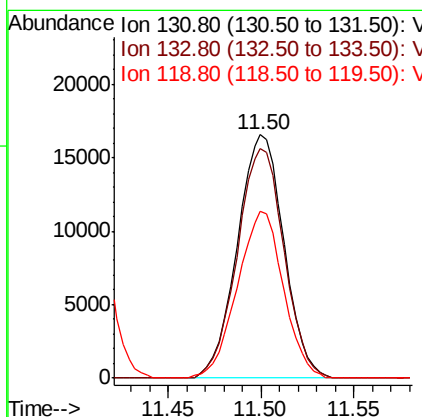
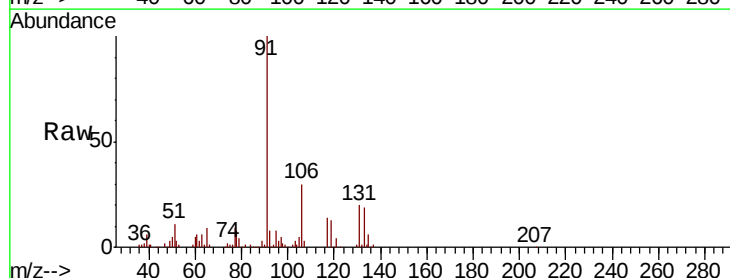
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 77701
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.021 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion:131 Resp: 28909
Ion Ratio Lower Upper
131 100
133 94.8 48.9 146.8
119 67.7 33.9 101.7

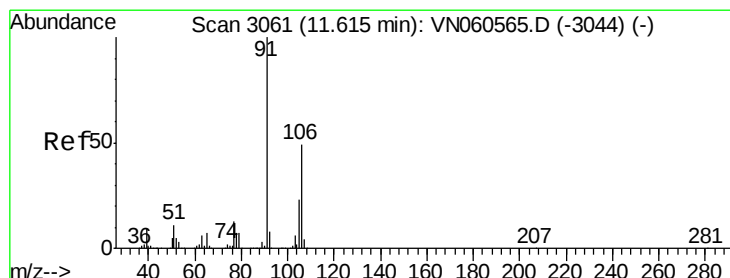
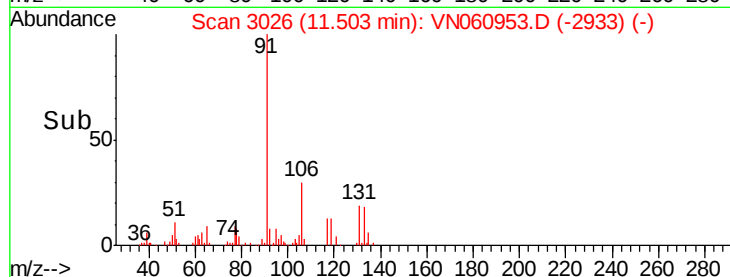
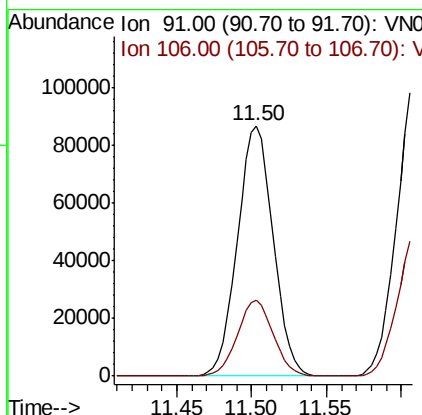
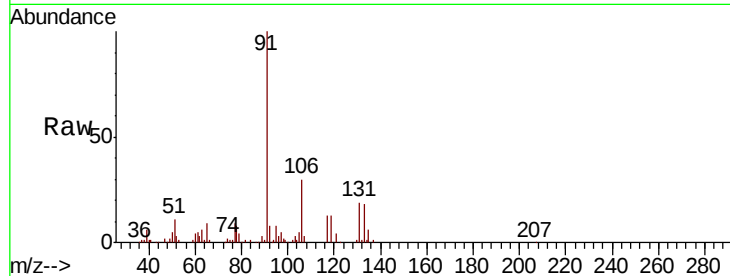




#67
Ethyl Benzene
Concen: 19.436 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

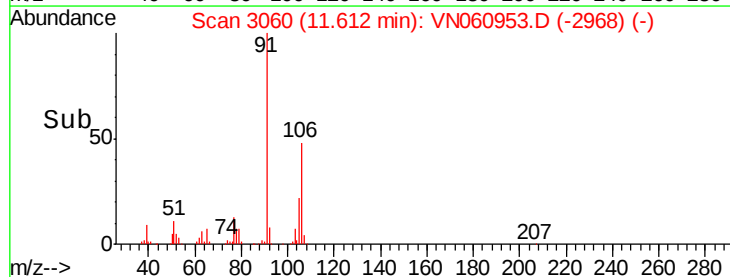
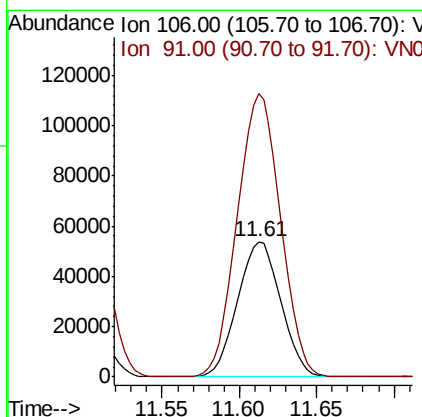
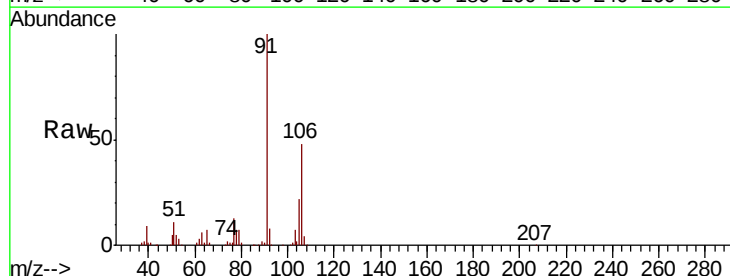
Instrument :
MSVOA_N
ClientSampled :

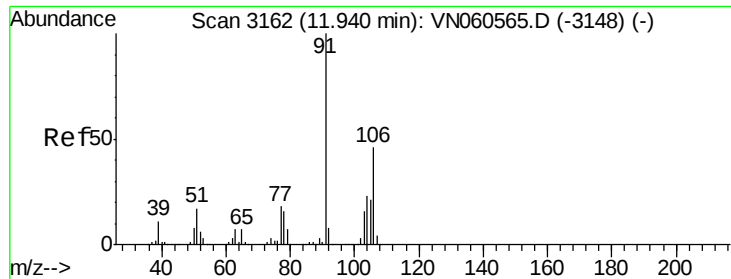
Tot Ion: 91 Resp: 144148
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2



#68
m/p-Xylenes
Concen: 37.947 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 106 Resp: 104584
Ion Ratio Lower Upper
106 100
91 209.9 165.0 247.4

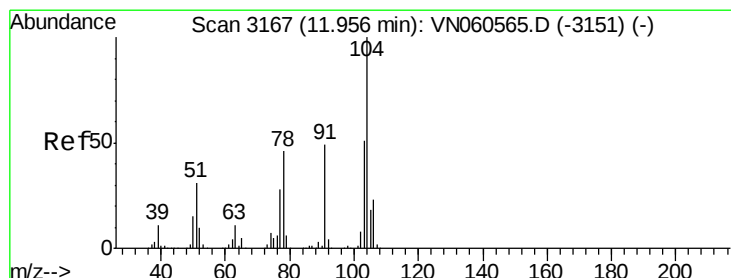
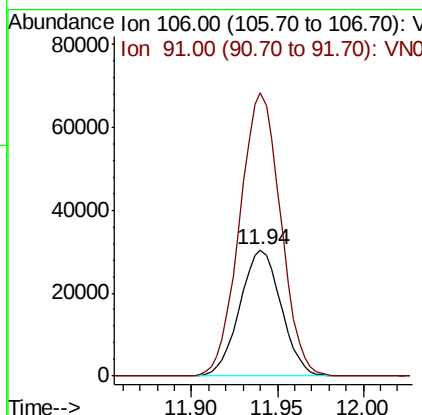
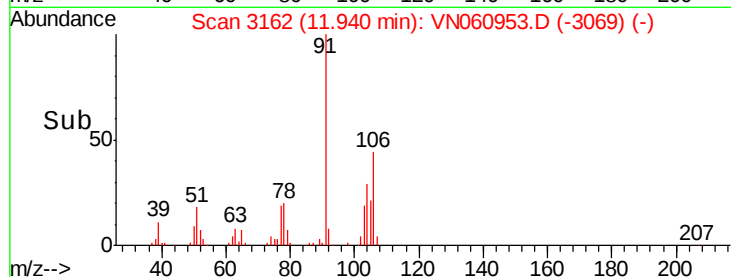
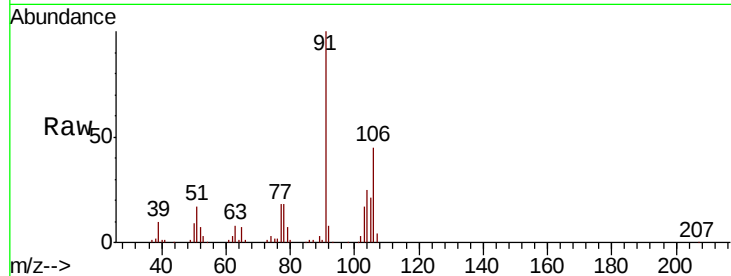




#69
o-Xylene
Concen: 19.261 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

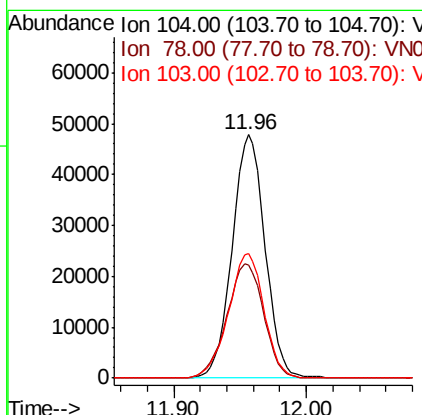
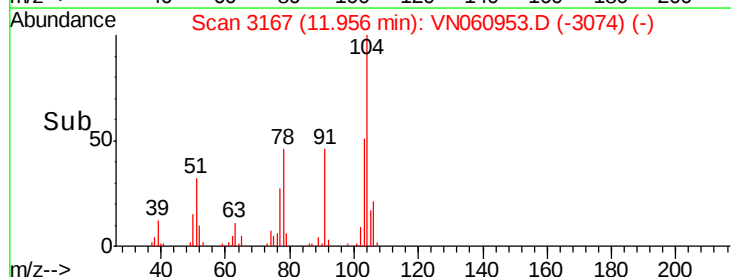
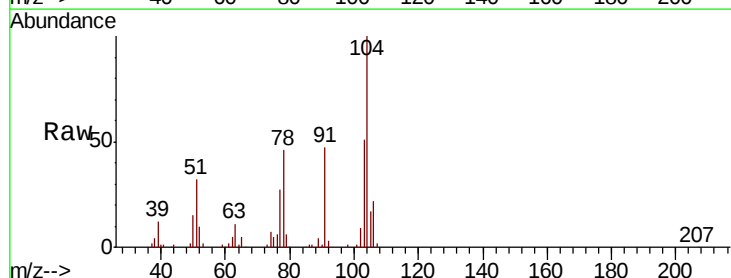
Instrument :
MSVOA_N
ClientSampleId :

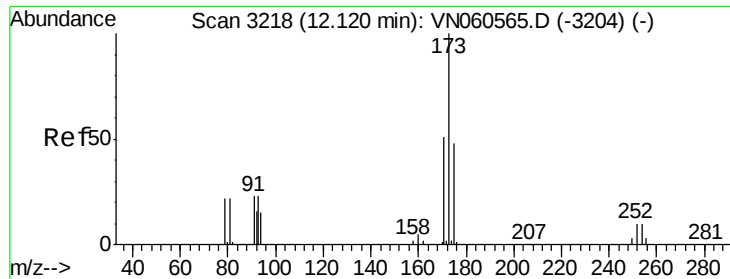
Tot Ion:106 Resp: 50674
Ion Ratio Lower Upper
106 100
91 222.7 109.5 328.4



#70
Styrene
Concen: 19.100 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion:104 Resp: 82186
Ion Ratio Lower Upper
104 100
78 52.6 41.2 61.8
103 55.2 44.0 66.0

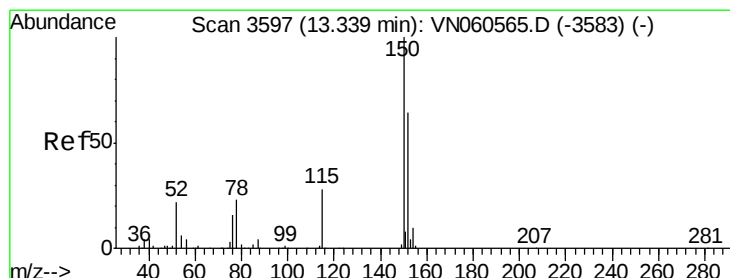
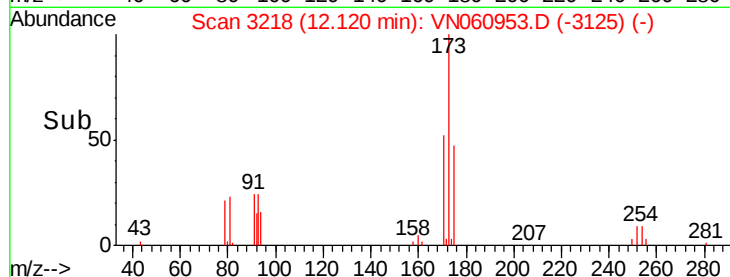
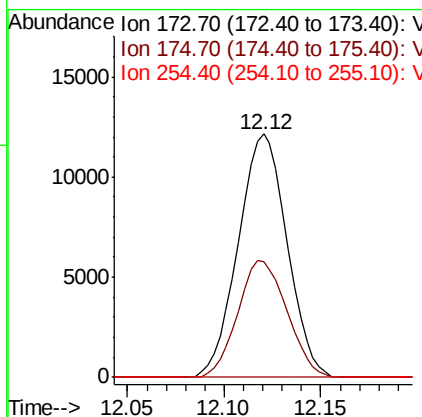
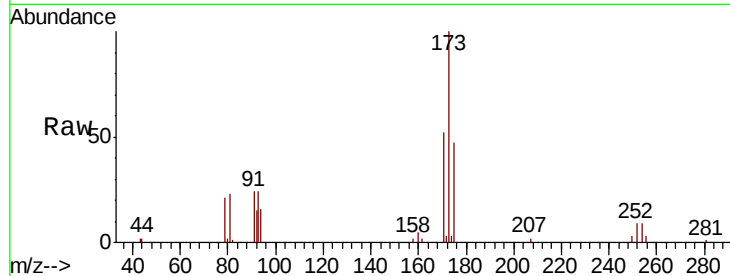




#71
Bromoform
Concen: 18.811 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

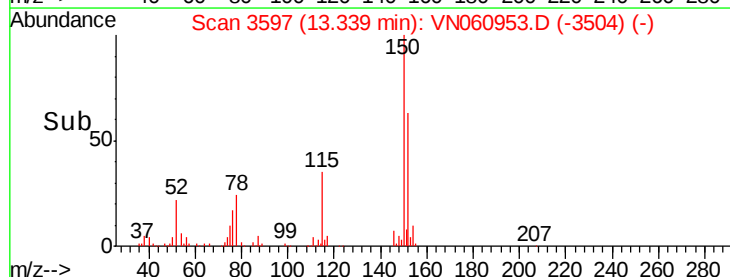
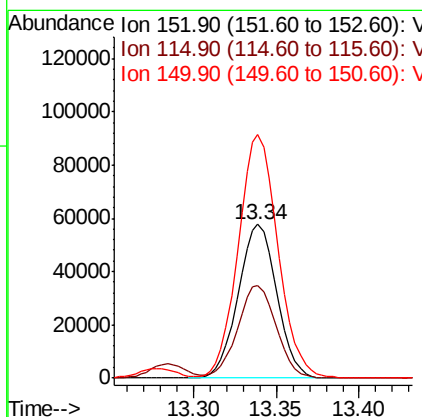
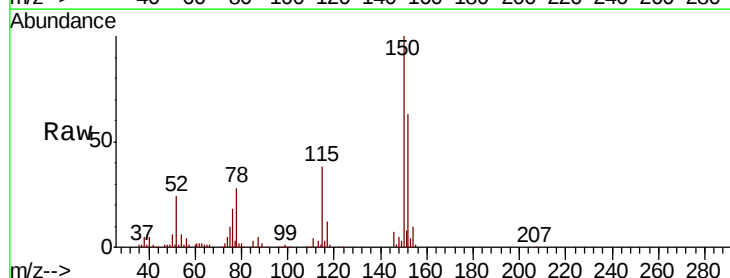
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 21274
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
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: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion:152 Resp: 93694
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 162.4 0.0 350.2





#73

Isopropylbenzene

Concen: 19.593 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

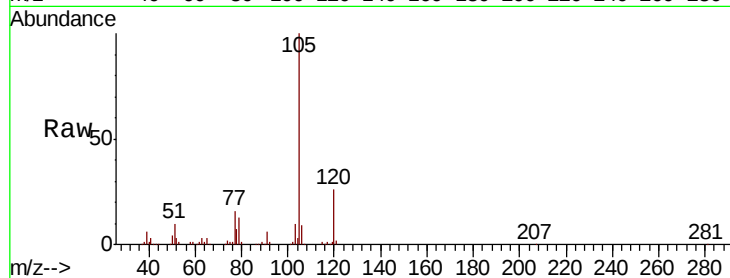
ClientSampled :

Tot Ion:105 Resp: 137768

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

80000

60000

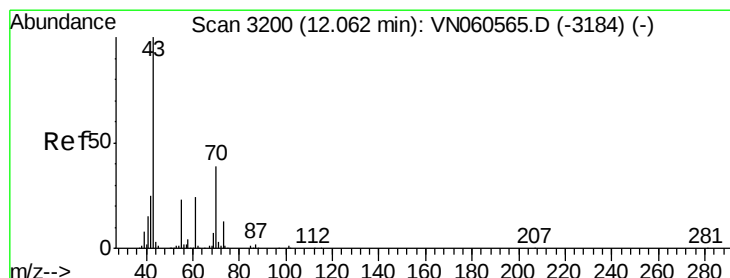
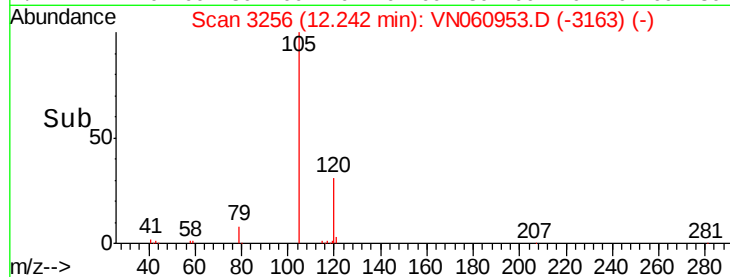
40000

20000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 19.402 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Tgt Ion: 43 Resp: 63038

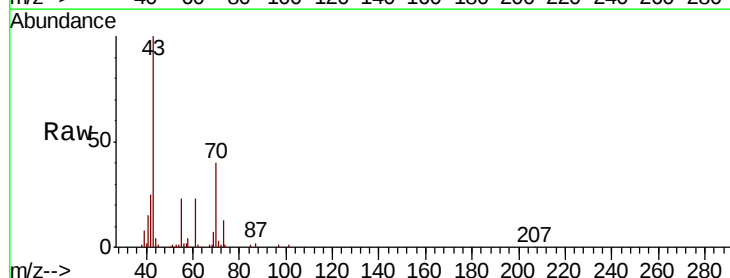
Ion Ratio Lower Upper

43 100

70 39.8 31.1 46.7

55 23.1 18.6 27.8

61 23.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

60000

50000

40000

30000

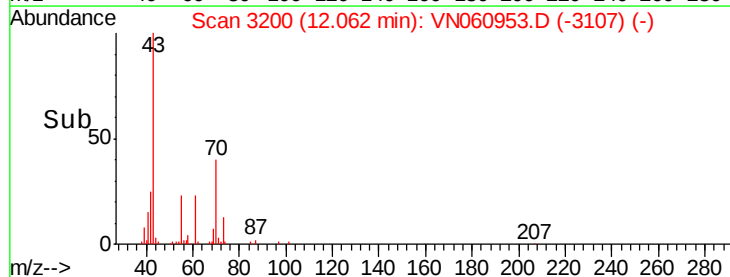
20000

10000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.218 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

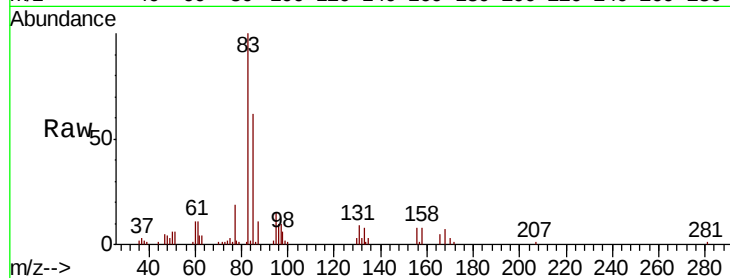
Tot Ion: 83 Resp: 42990

Ion Ratio Lower Upper

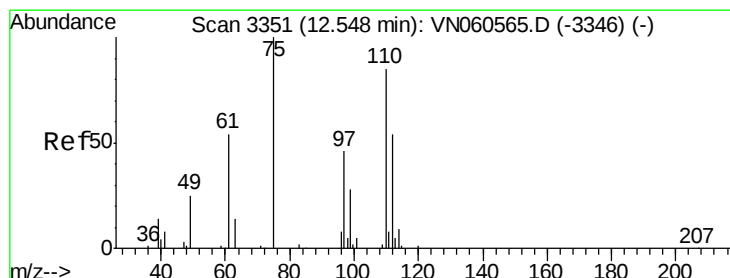
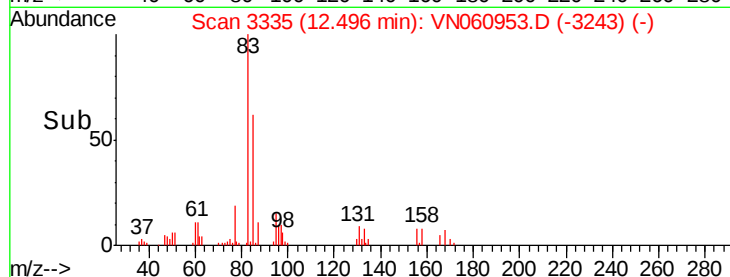
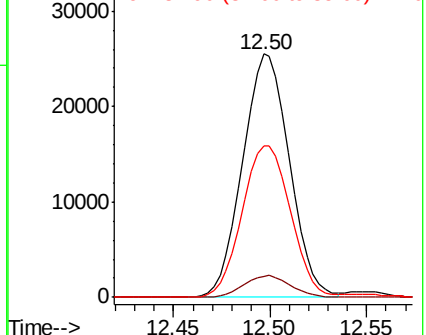
83 100

131 9.0 4.9 14.7

85 64.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.280 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060953.D

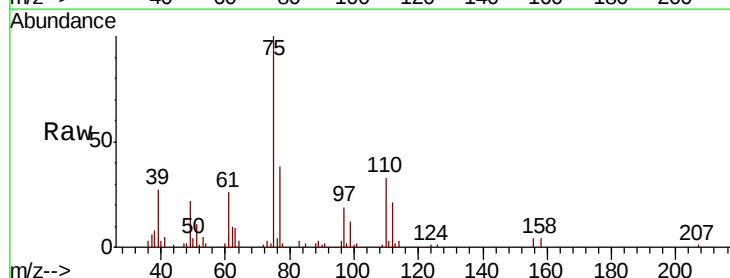
Acq: 15 Apr 2020 12:05

Tgt Ion: 75 Resp: 57175

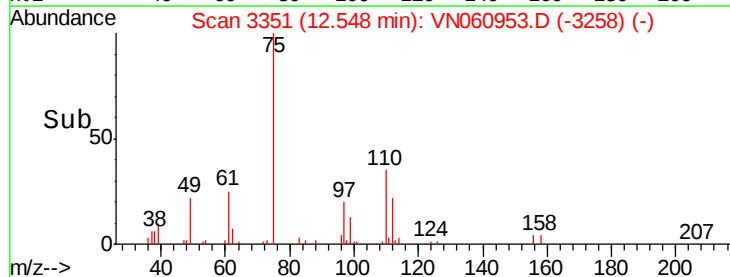
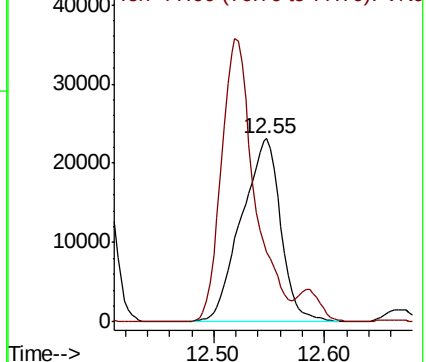
Ion Ratio Lower Upper

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: 19.409 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

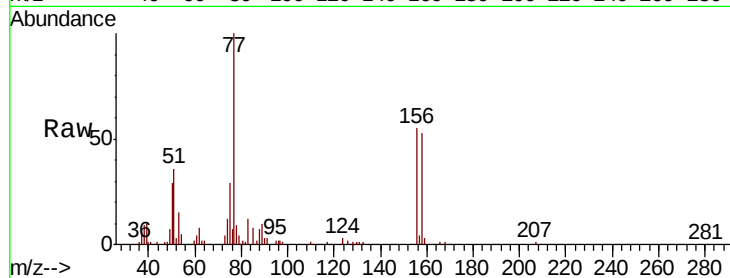
Tot Ion:156 Resp: 32885

Ion Ratio Lower Upper

156 100

77 227.7 112.3 337.0

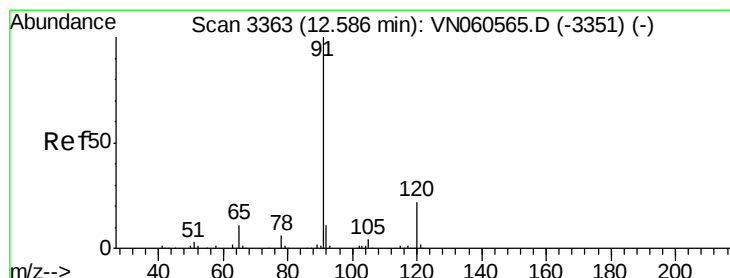
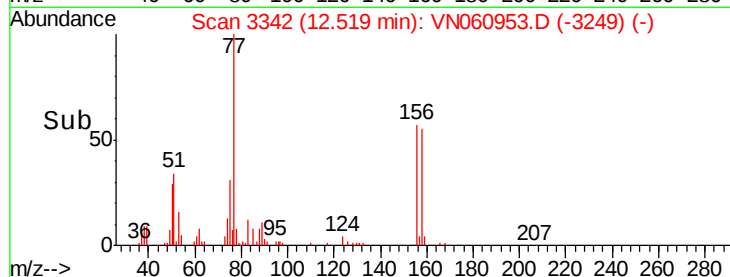
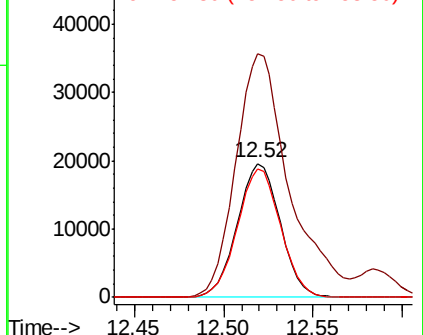
158 96.8 48.6 145.8



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: 19.448 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060953.D

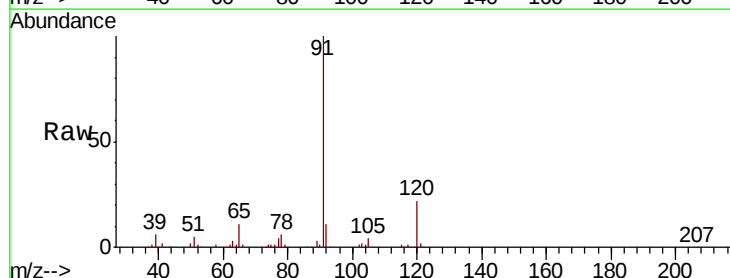
Acq: 15 Apr 2020 12:05

Tgt Ion: 91 Resp: 161559

Ion Ratio Lower Upper

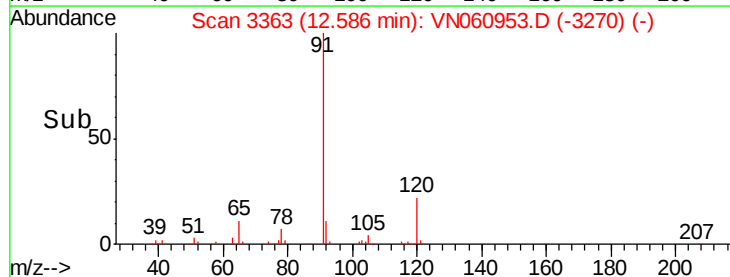
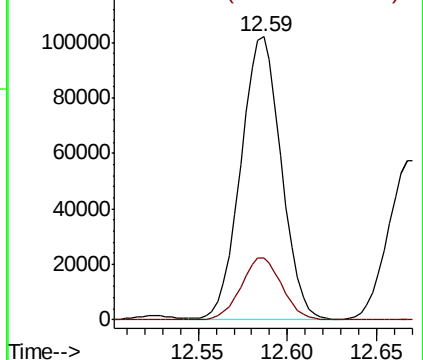
91 100

120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.346 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

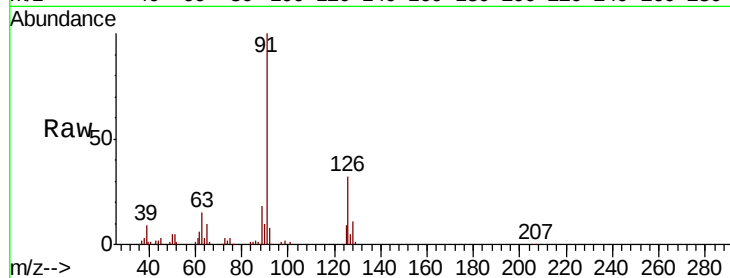
ClientSampleId :

Tot Ion: 91 Resp: 96022

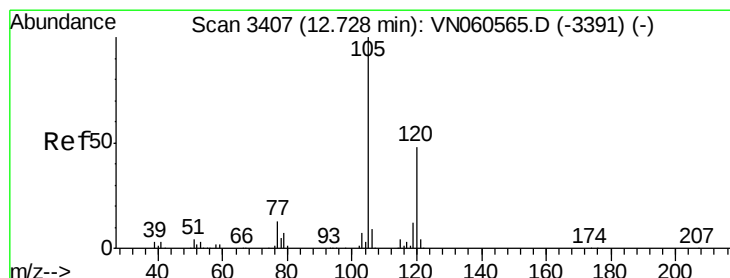
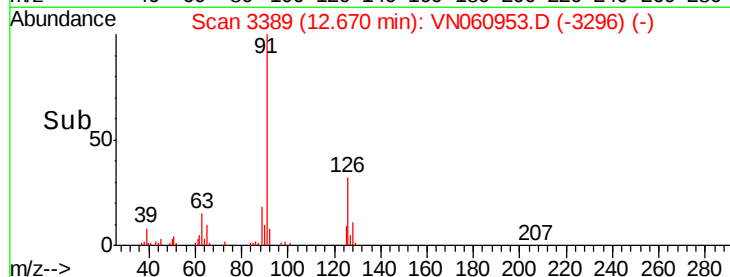
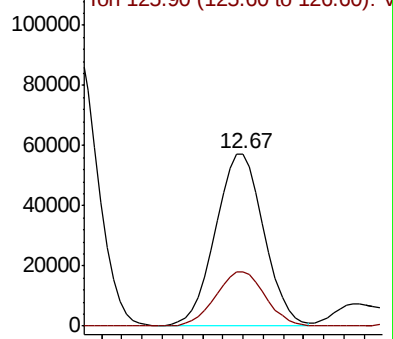
Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060953.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.337 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060953.D

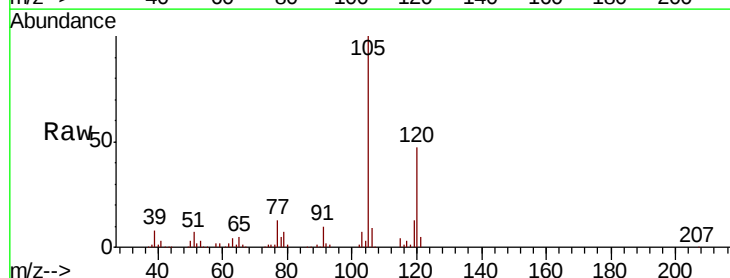
Acq: 15 Apr 2020 12:05

Tgt Ion:105 Resp: 115385

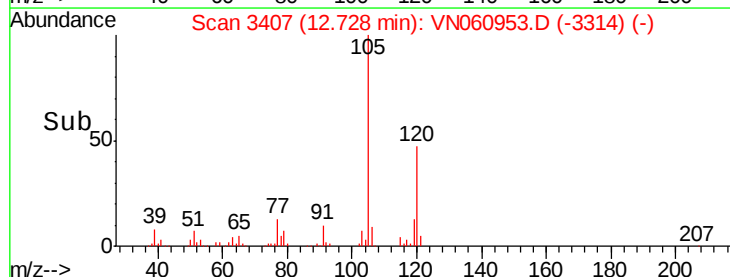
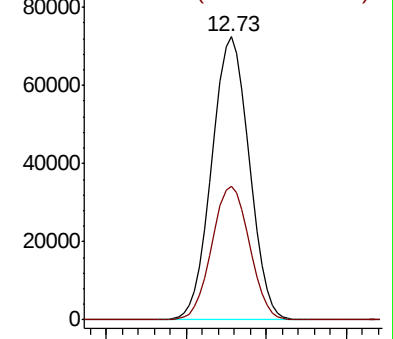
Ion Ratio Lower Upper

105 100

120 47.4 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060953.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.250 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

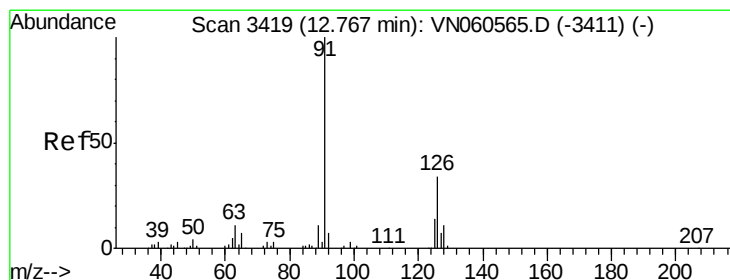
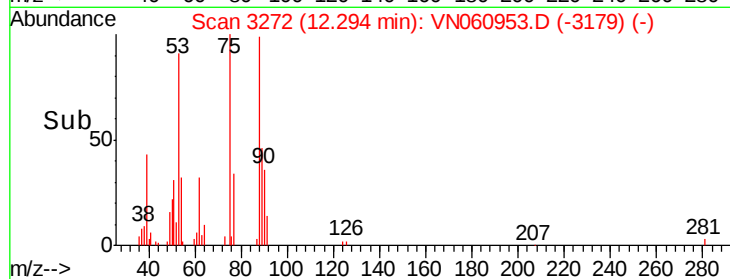
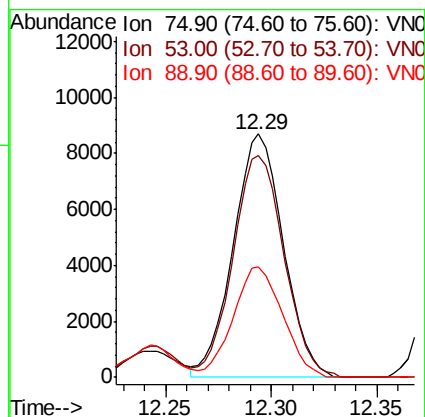
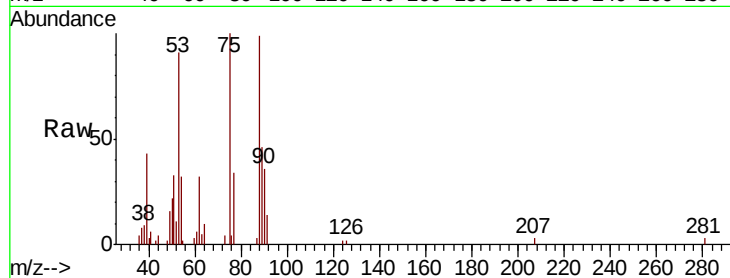
Tot Ion: 75 Resp: 14366

Ion Ratio Lower Upper

75 100

53 93.1 73.0 109.4

89 44.8 34.8 52.2



#82

4-Chlorotoluene

Concen: 19.839 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060953.D

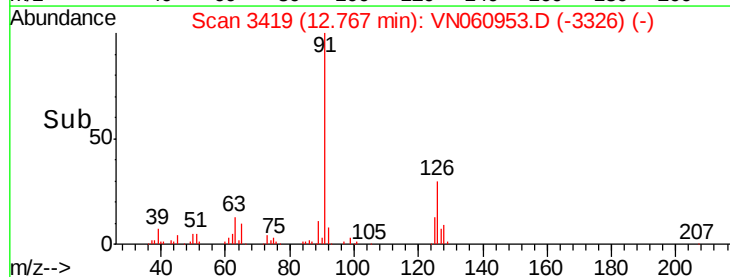
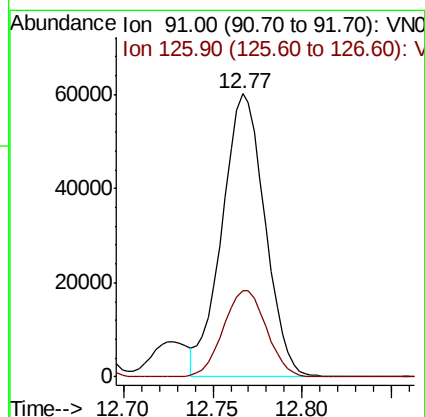
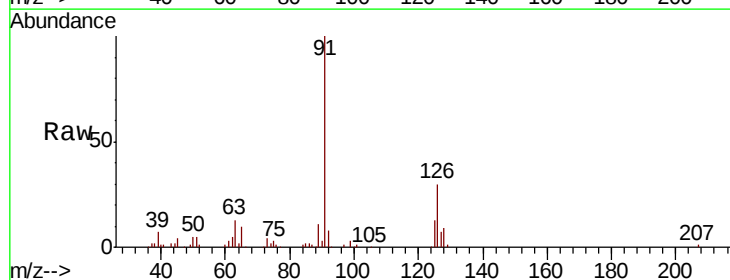
Acq: 15 Apr 2020 12:05

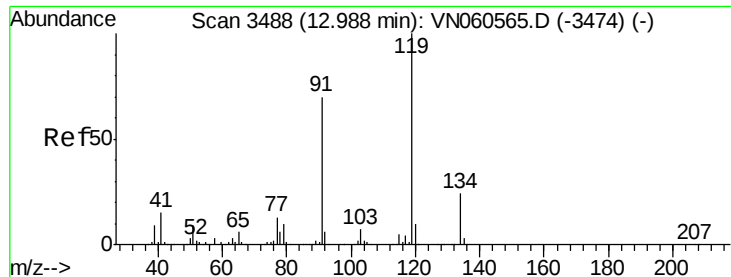
Tgt Ion: 91 Resp: 100293

Ion Ratio Lower Upper

91 100

126 30.6 16.2 48.5

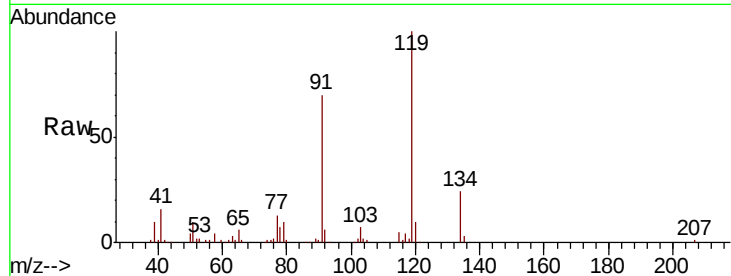




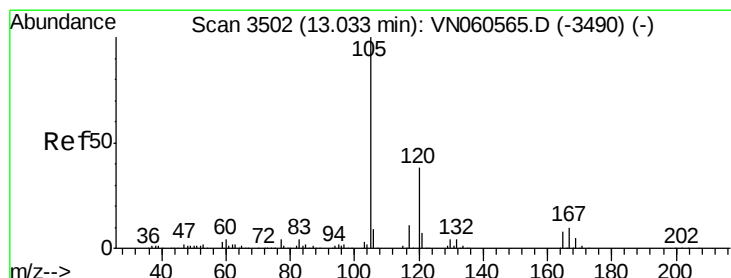
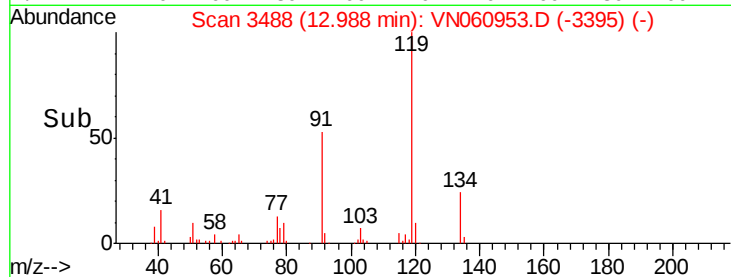
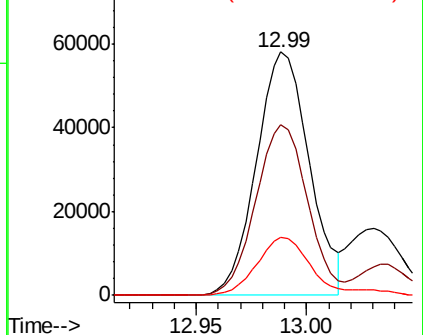
#83
tert-Butylbenzene
Concen: 19.495 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 96429
Ion Ratio Lower Upper
119 100
91 69.0 34.0 101.8
134 25.2 12.7 38.0

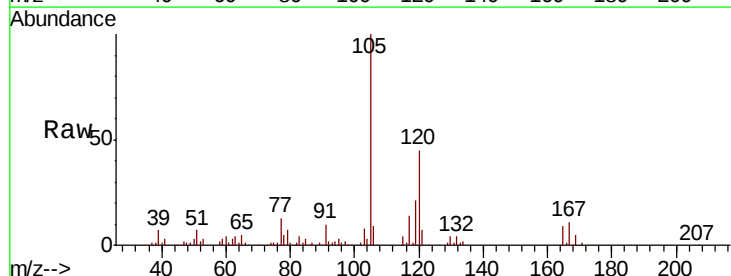


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

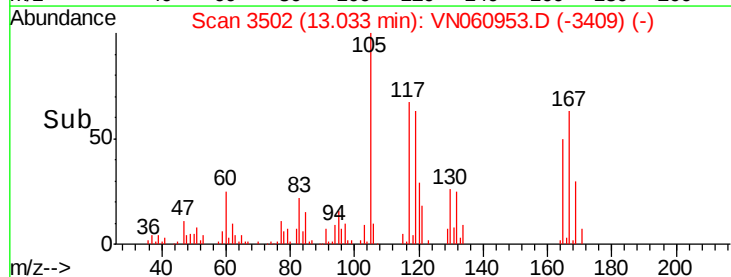
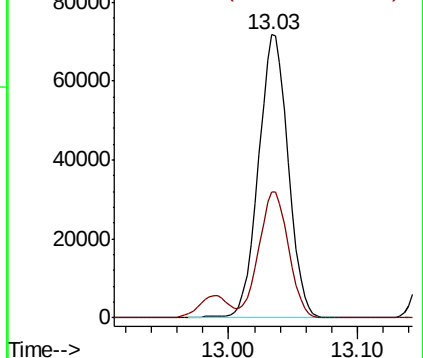


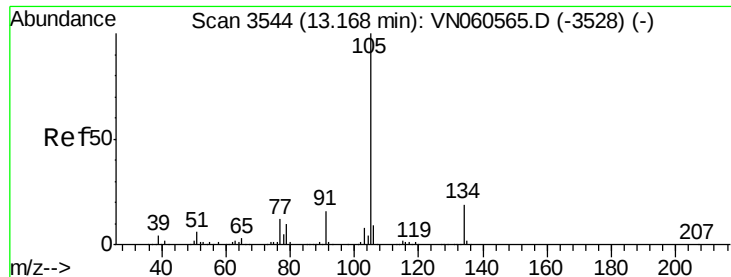
#84
1,2,4-Trimethylbenzene
Concen: 19.563 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion:105 Resp: 115482
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 19.903 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

Instrument :

MSVOA_N

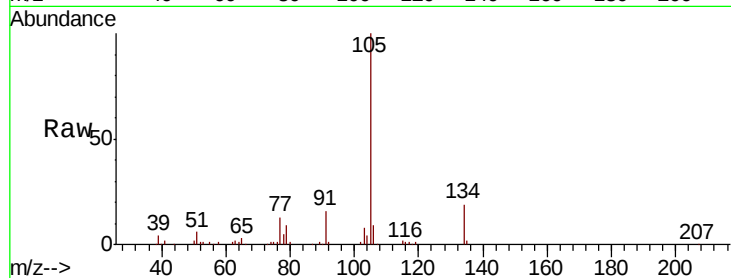
ClientSampleId :

Tot Ion:105 Resp: 132388

Ion Ratio Lower Upper

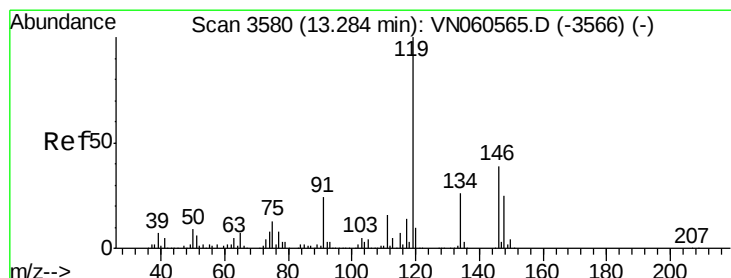
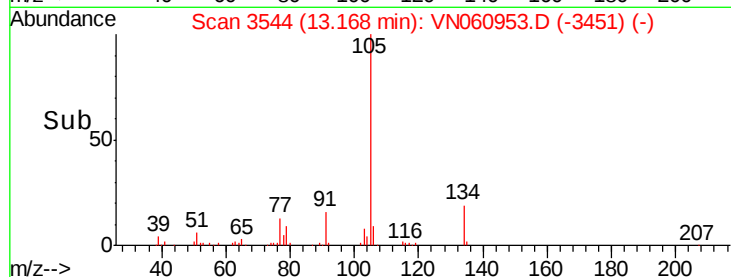
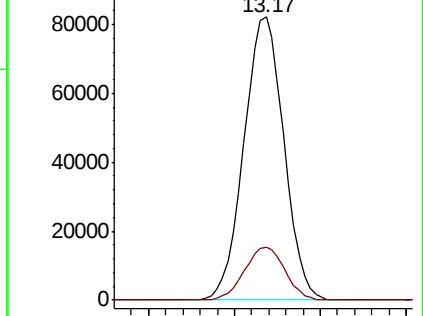
105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.692 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060953.D

Acq: 15 Apr 2020 12:05

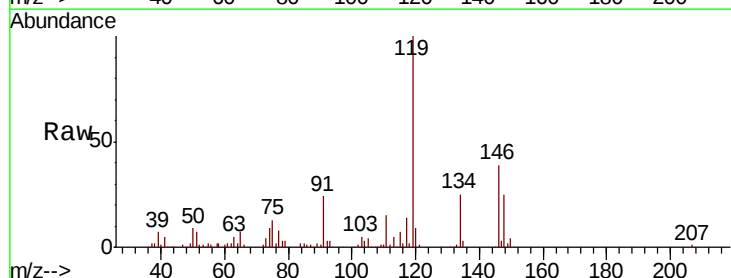
Tgt Ion:119 Resp: 117782

Ion Ratio Lower Upper

119 100

134 25.1 13.0 39.0

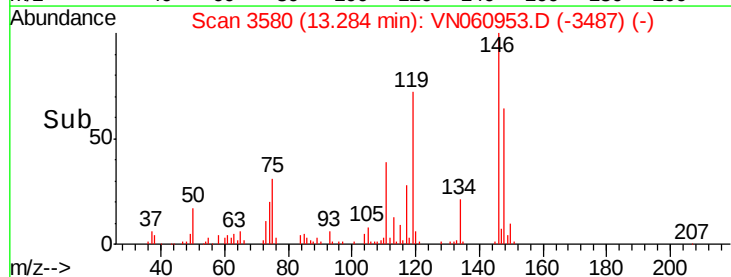
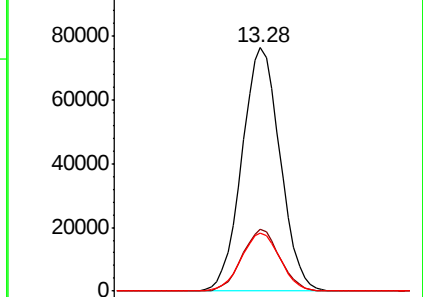
91 24.3 12.0 36.0

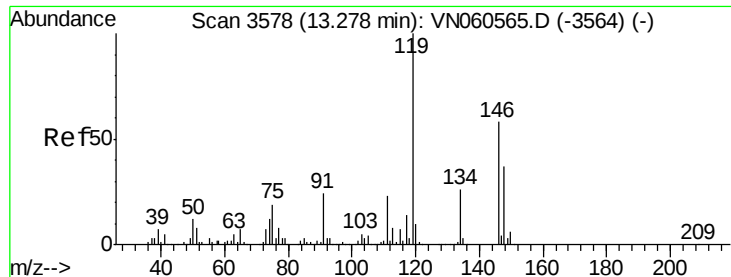


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

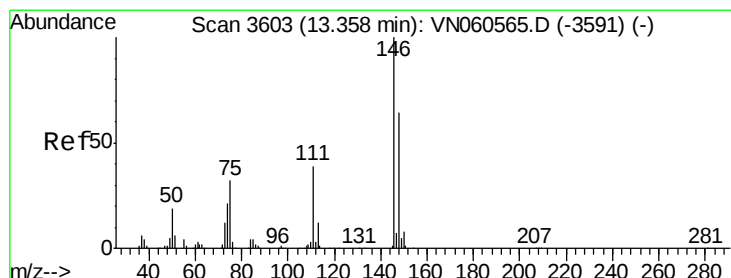
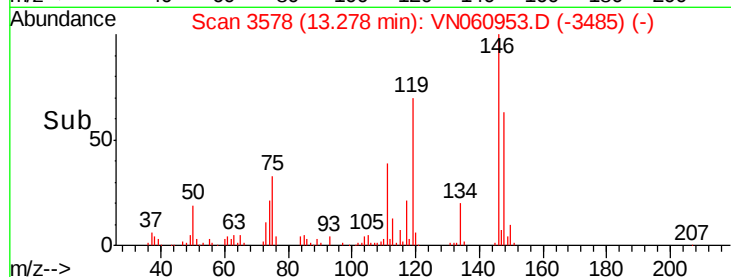
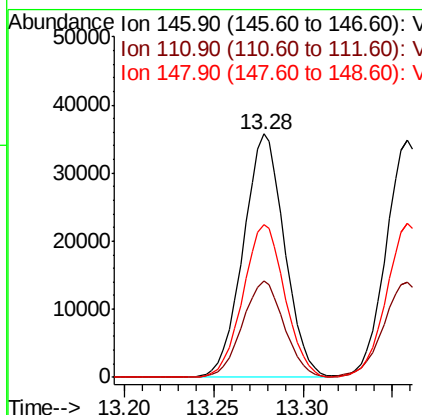
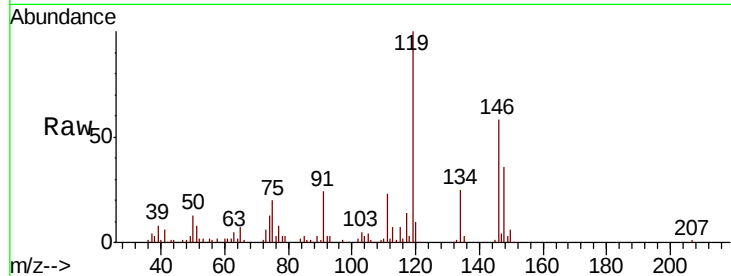




#87
 1,3-Dichlorobenzene
 Concen: 19.352 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

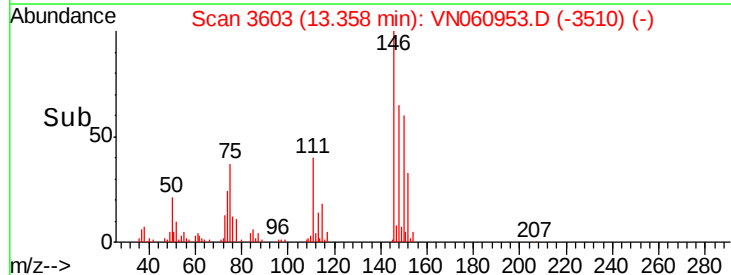
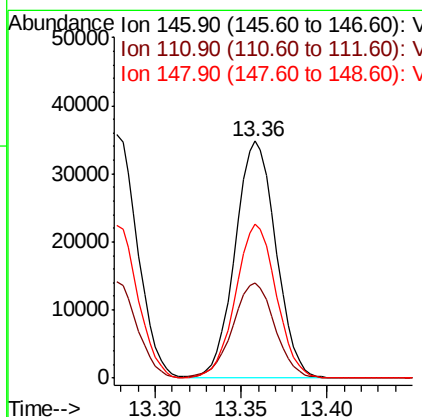
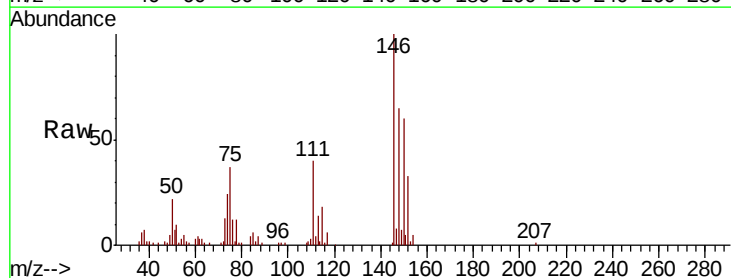
Instrument :
 MSVOA_N
 ClientSampleId :

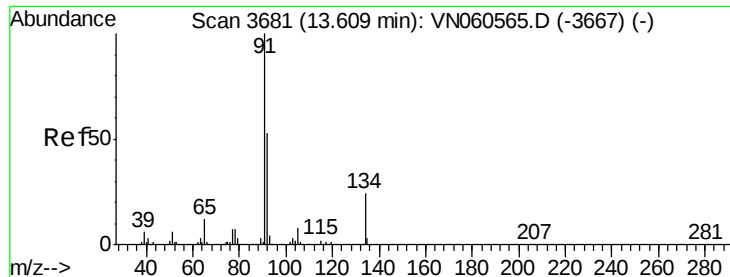
Tot Ion:146 Resp: 57830
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 63.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.168 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion:146 Resp: 57547
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.6 58.7
 148 64.8 32.1 96.3

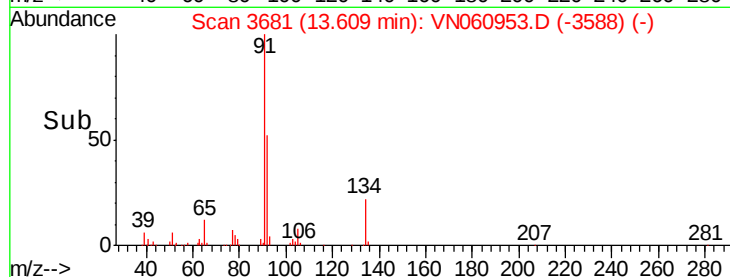
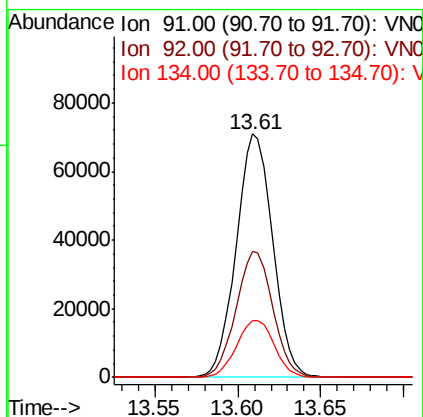
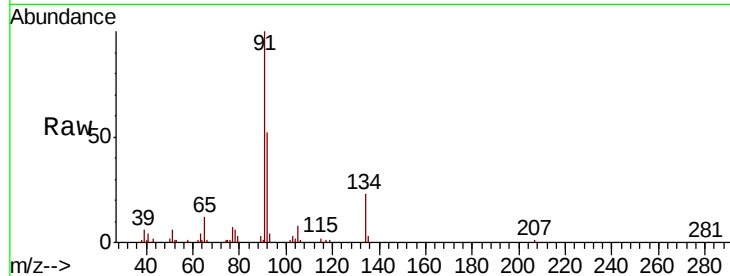




#89
n-Butylbenzene
Concen: 20.174 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

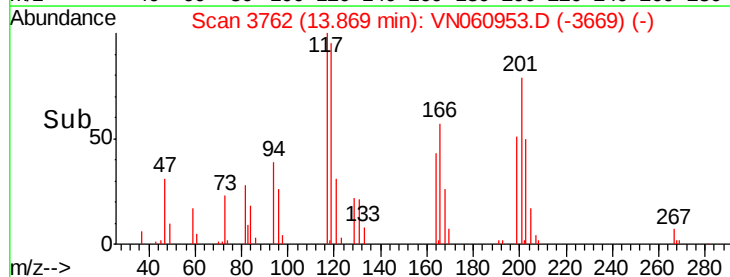
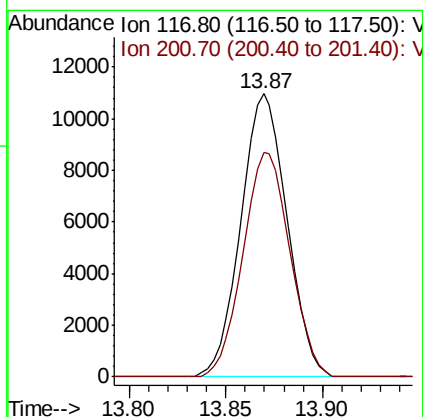
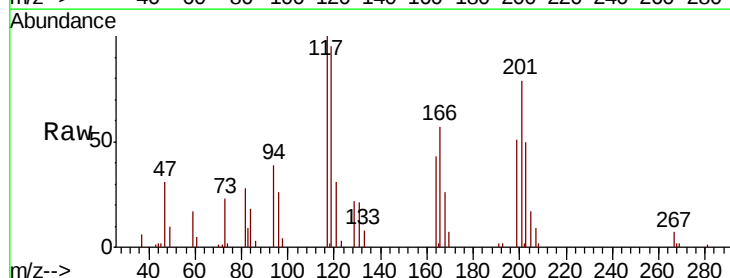
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 108943
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.5
134 24.1 12.3 36.9



#90
Hexachloroethane
Concen: 20.962 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion: 117 Resp: 18225
Ion Ratio Lower Upper
117 100
201 80.5 40.8 122.5

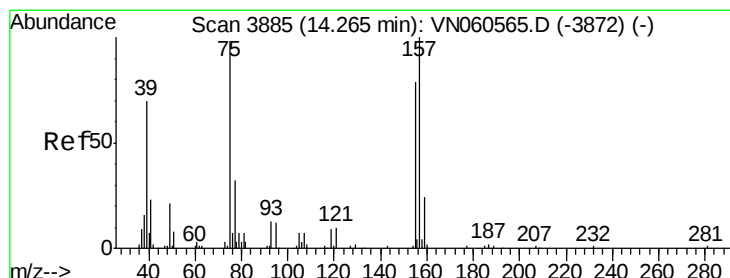
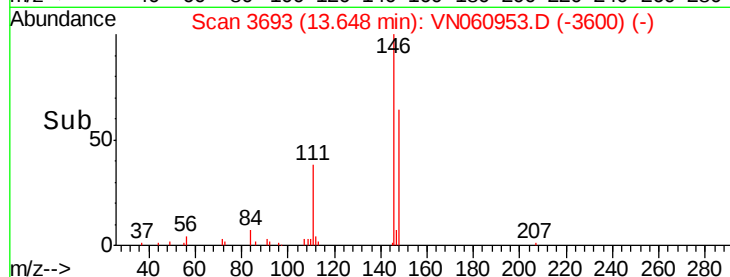
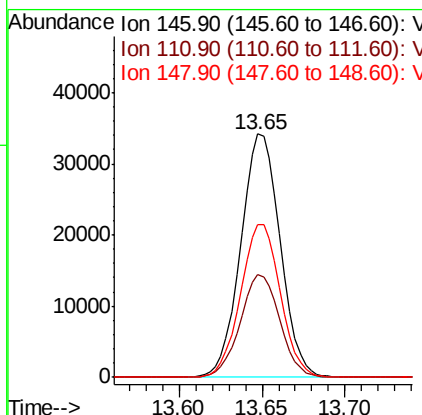
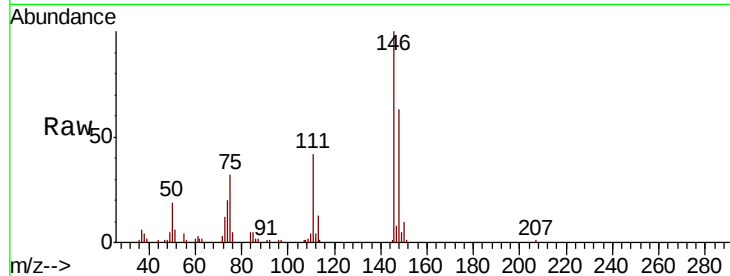




#91
 1,2-Dichlorobenzene
 Concen: 19.823 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

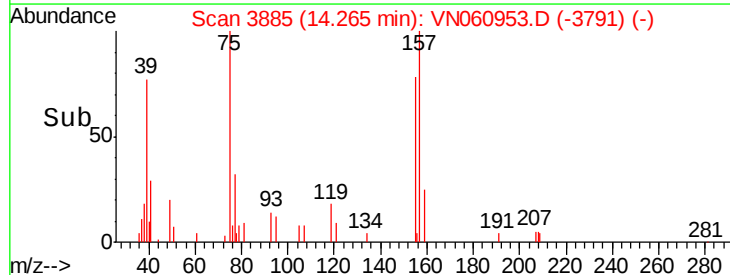
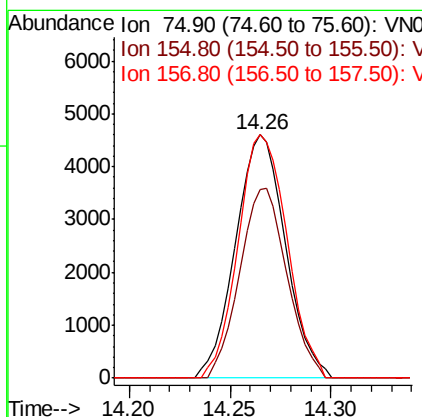
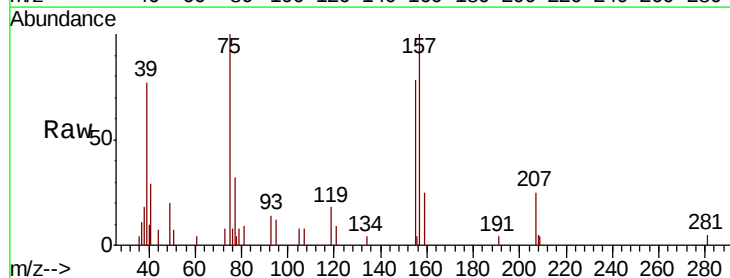
Instrument :
 MSVOA_N
 ClientSampled :

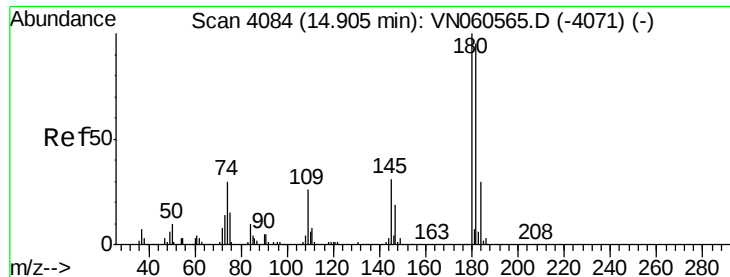
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.0	63.0
148	63.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.704 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	40.7	122.1
157	98.2	51.5	154.7

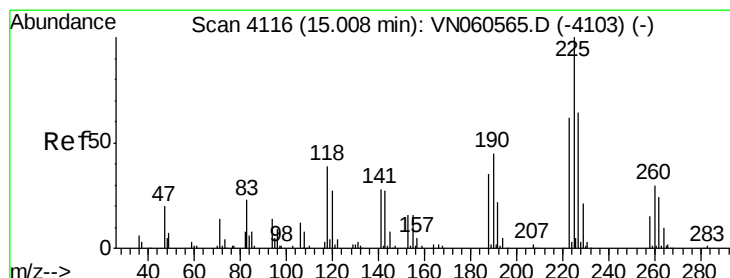
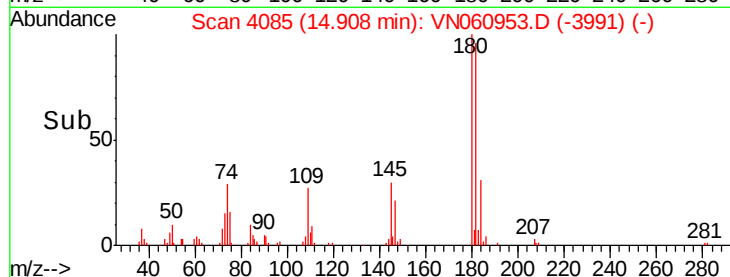
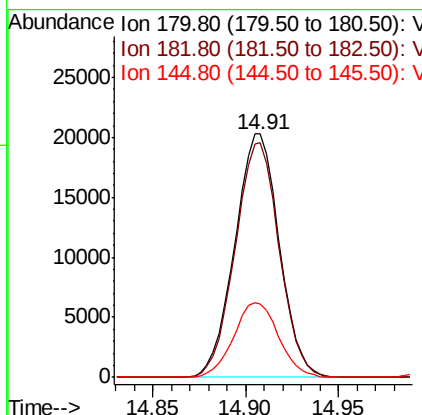
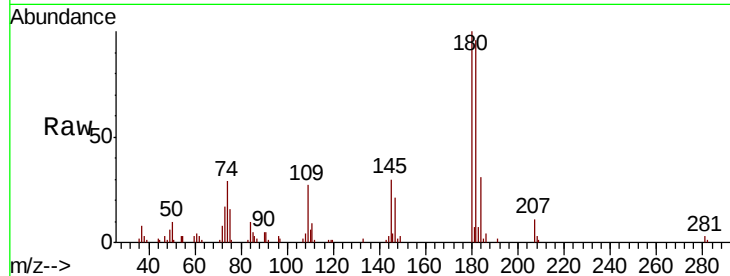




#93
 1,2,4-Trichlorobenzene
 Concen: 19.236 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

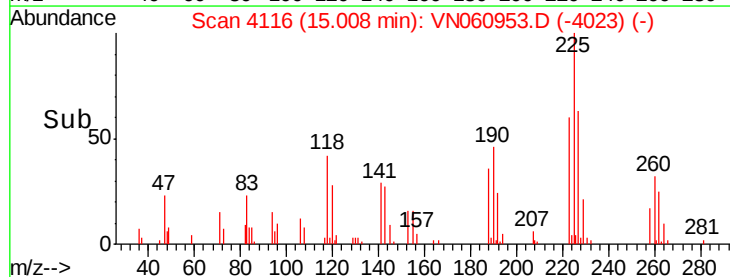
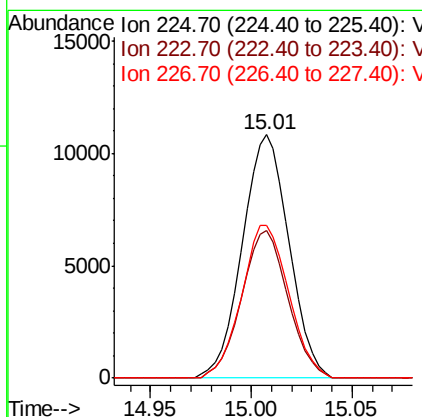
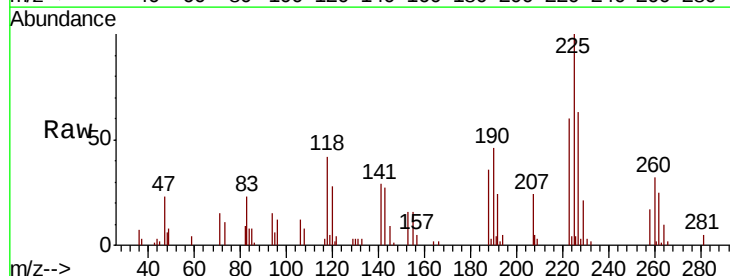
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.8
145	31.0	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 20.398 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060953.D
 Acq: 15 Apr 2020 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.6	95.0
227	63.2	32.3	96.8

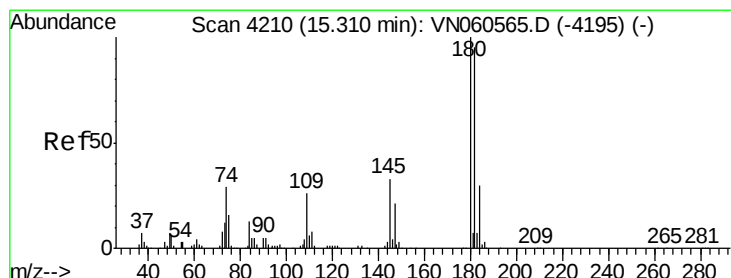
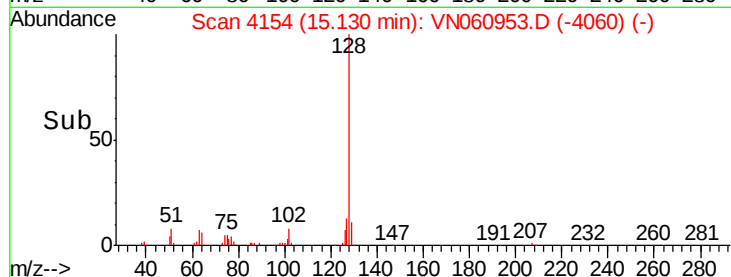
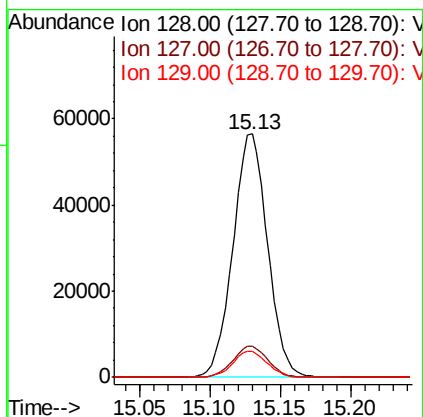
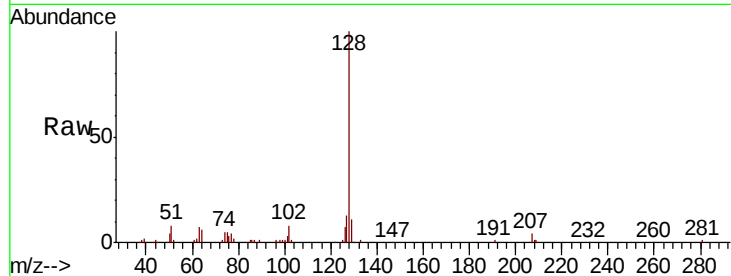




#95
Naphthalene
Concen: 18.412 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 97176
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.141 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060953.D
Acq: 15 Apr 2020 12:05

Tgt Ion:180 Resp: 33082
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.6
145 32.4 16.3 48.8

