

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054926.D
 Acq On : 3 Apr 2019 15:07
 Operator : JC/SP
 Sample : VN0403WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 04 01:12:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	397903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	667994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	238134	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	277666	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
35) Dibromofluoromethane	7.59	113	226803	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	10.09	98	828961	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	272803	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	75898	18.858	ug/l	98
3) Chloromethane	2.06	50	109222	19.626	ug/l	100
4) Vinyl Chloride	2.19	62	99768	19.964	ug/l	99
5) Bromomethane	2.58	94	56056	20.048	ug/l	97
6) Chloroethane	2.71	64	57225	20.506	ug/l	100
7) Trichlorofluoromethane	3.02	101	128508	20.916	ug/l	96
8) Diethyl Ether	3.41	74	42531	21.498	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67454	20.855	ug/l	91
10) Methyl Iodide	3.94	142	91137	20.583	ug/l #	88
11) Tert butyl alcohol	4.82	59	29807	106.657	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	66300	21.197	ug/l #	79
13) Acrolein	3.61	56	22938	91.812	ug/l	99
14) Allyl chloride	4.32	41	154866	20.102	ug/l #	92
15) Acrylonitrile	5.00	53	169820	109.324	ug/l	100
16) Acetone	3.82	43	121367	94.886	ug/l #	83
17) Carbon Disulfide	4.04	76	182742	18.014	ug/l	98
18) Methyl Acetate	4.33	43	81002	23.832	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	238184	21.770	ug/l	98
20) Methylene Chloride	4.55	84	93610	20.748	ug/l #	79
21) trans-1,2-Dichloroethene	5.04	96	83585	20.346	ug/l #	79
22) Diisopropyl ether	5.96	45	332268	21.806	ug/l #	95
23) Vinyl Acetate	5.90	43	1154673	108.893	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	174475	21.465	ug/l	98
25) 2-Butanone	6.85	43	203131	107.435	ug/l #	88
26) 2,2-Dichloropropane	6.82	77	112506	19.748	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	100006	21.548	ug/l	88
28) Bromochloromethane	7.19	49	85371	21.005	ug/l #	71
29) Tetrahydrofuran	7.22	42	139448	106.189	ug/l #	84
30) Chloroform	7.37	83	172249	22.224	ug/l	98
31) Cyclohexane	7.65	56	158365	20.153	ug/l	89
32) 1,1,1-Trichloroethane	7.57	97	138345	21.539	ug/l	95
36) 1,1-Dichloropropene	7.79	75	120852	19.416	ug/l	96
37) Ethyl Acetate	6.94	43	95261	20.870	ug/l	96
38) Carbon Tetrachloride	7.77	117	118434	19.590	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	132177	19.315	ug/l #	88
40) Benzene	8.04	78	368892	20.712	ug/l	98
41) Methacrylonitrile	7.18	41	57648	22.482	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	132579	20.848	ug/l	99
43) Isopropyl Acetate	8.17	43	160295	21.613	ug/l #	94
44) Trichloroethene	8.83	130	93991	20.330	ug/l	94
45) 1,2-Dichloropropane	9.12	63	108999	21.463	ug/l	97
46) Dibromomethane	9.21	93	59764	20.920	ug/l	89
47) Bromodichloromethane	9.40	83	124690	21.001	ug/l	100
48) Methyl methacrylate	9.20	41	81001	20.147	ug/l	89
49) 1,4-Dioxane	9.20	88	17371	435.457	ug/l #	81
51) 4-Methyl-2-Pentanone	9.99	43	452746	108.576	ug/l	94
52) Toluene	10.16	92	220727	20.827	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	114533	20.507	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	141942	21.275	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	82709	20.988	ug/l	96
56) Ethyl methacrylate	10.43	69	109001	21.086	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	149474	22.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	215241	103.012	ug/l	91
59) 2-Hexanone	10.75	43	280456	105.064	ug/l	89
60) Dibromochloromethane	10.90	129	86729	21.727	ug/l	98
61) 1,2-Dibromoethane	11.00	107	78797	20.924	ug/l	100
64) Tetrachloroethene	10.63	164	88884	20.114	ug/l	96
65) Chlorobenzene	11.43	112	231093	20.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	89419	21.188	ug/l	98
67) Ethyl Benzene	11.51	91	414581	20.376	ug/l	98
68) m/p-Xylenes	11.62	106	306551	40.713	ug/l	94
69) o-Xylene	11.95	106	150865	20.433	ug/l	94
70) Styrene	11.96	104	246732	20.900	ug/l	97
71) Bromoform	12.12	173	50050	20.244	ug/l #	99
73) Isopropylbenzene	12.25	105	402409	20.674	ug/l	97
74) N-amyl acetate	12.07	43	124006	20.450	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	102720	23.015	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	118778	28.712	ug/l #	100
77) Bromobenzene	12.53	156	98817	21.036	ug/l	86
78) n-propylbenzene	12.59	91	443066	20.711	ug/l	95
79) 2-Chlorotoluene	12.67	91	276256	20.873	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	333359	20.873	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20750	19.510	ug/l	88
82) 4-Chlorotoluene	12.77	91	260932	20.298	ug/l	96
83) tert-Butylbenzene	12.99	119	287681	22.083	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	326886	21.484	ug/l	96
85) sec-Butylbenzene	13.17	105	363090	20.928	ug/l	96
86) p-Isopropyltoluene	13.29	119	315019	20.587	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	160683	20.430	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	151874	19.688	ug/l	97
89) n-Butylbenzene	13.62	91	236659	18.956	ug/l	97
90) Hexachloroethane	13.87	117	52019	20.022	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	162972	20.532	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13948	20.962	ug/l	84

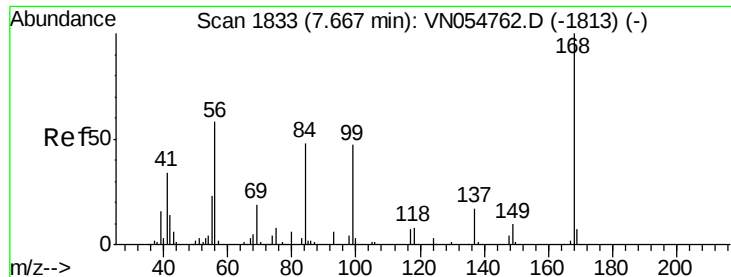
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	67927	17.751	ug/l	98
94) Hexachlorobutadiene	15.01	225	49599	20.651	ug/l	99
95) Naphthalene	15.13	128	149741	17.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	71740	18.563	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

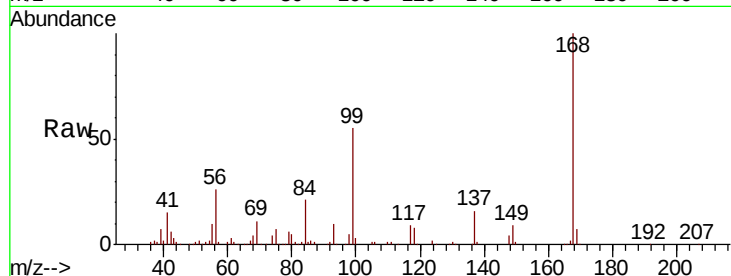
ClientSampleId :

Tot Ion:168 Resp: 397903

Ion Ratio Lower Upper

168 100

99 54.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

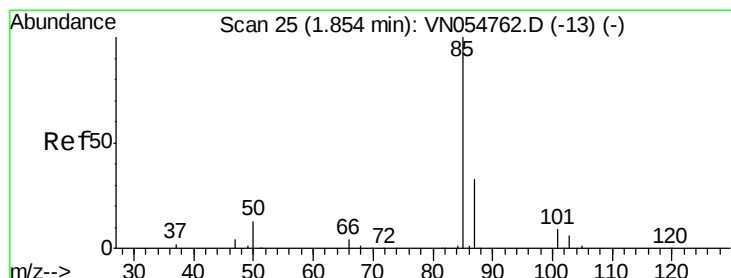
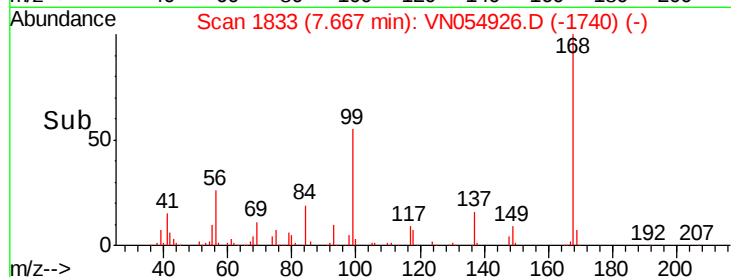
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.858 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054926.D

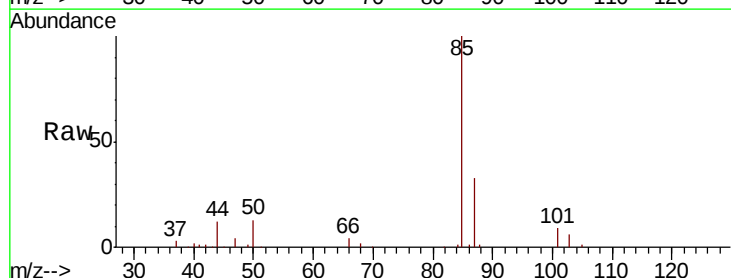
Acq: 3 Apr 2019 15:07

Tgt Ion: 85 Resp: 75898

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

60000

50000

40000

30000

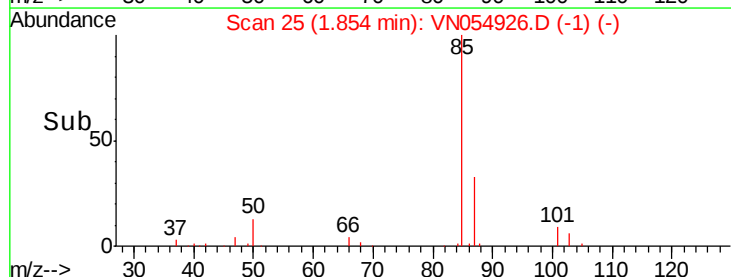
20000

10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.626 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

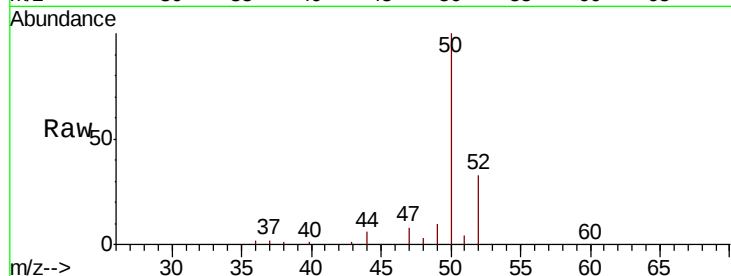
ClientSampled :

Tot Ion: 50 Resp: 109222

Ion Ratio Lower Upper

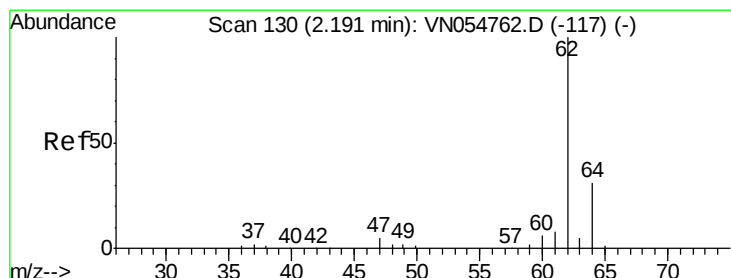
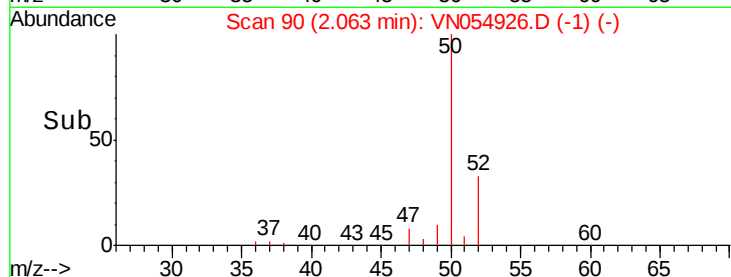
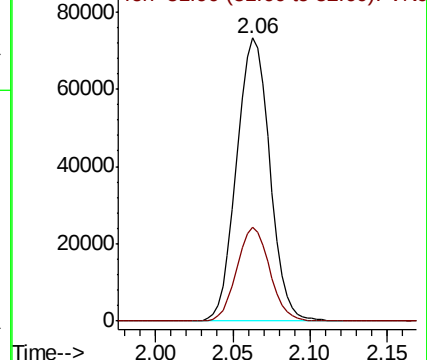
50 100

52 33.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 19.964 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054926.D

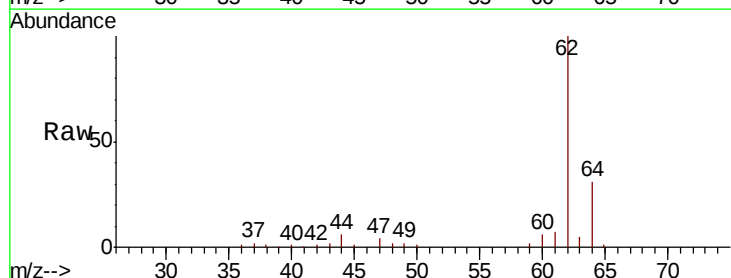
Acq: 3 Apr 2019 15:07

Tgt Ion: 62 Resp: 99768

Ion Ratio Lower Upper

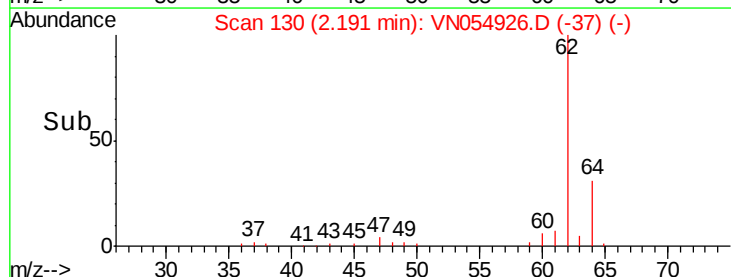
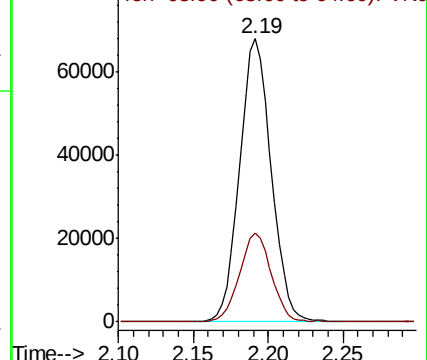
62 100

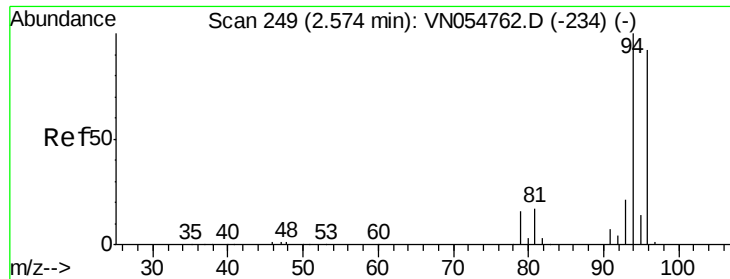
64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 20.048 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

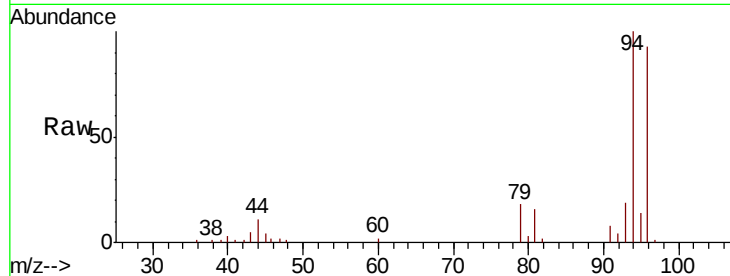
ClientSampleId :

Tot Ion: 94 Resp: 56056

Ion Ratio Lower Upper

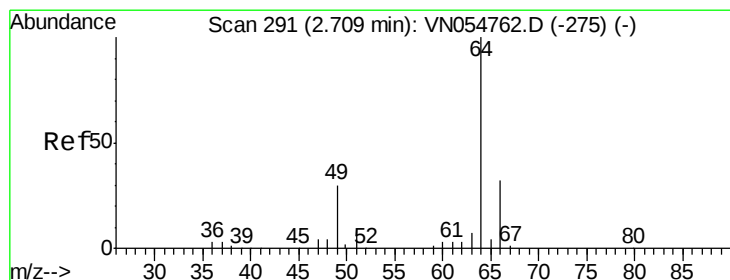
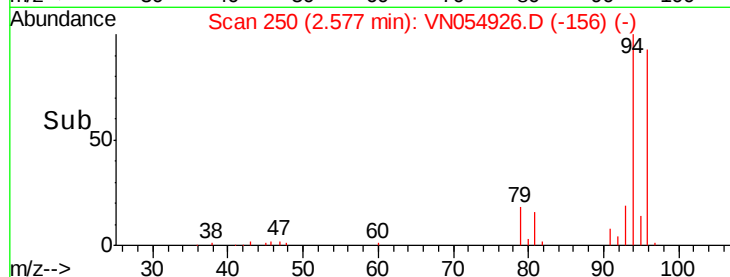
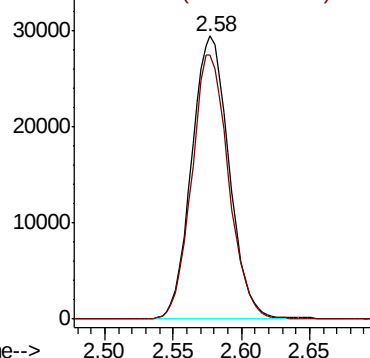
94 100

96 93.5 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.506 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054926.D

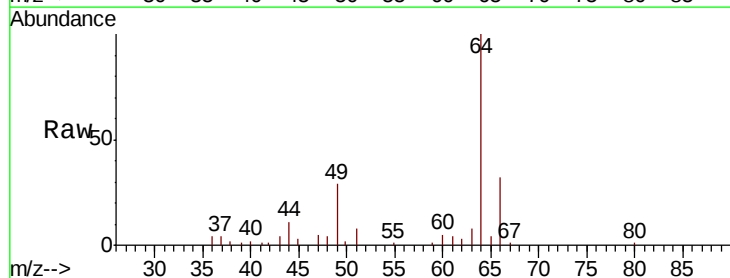
Acq: 3 Apr 2019 15:07

Tgt Ion: 64 Resp: 57225

Ion Ratio Lower Upper

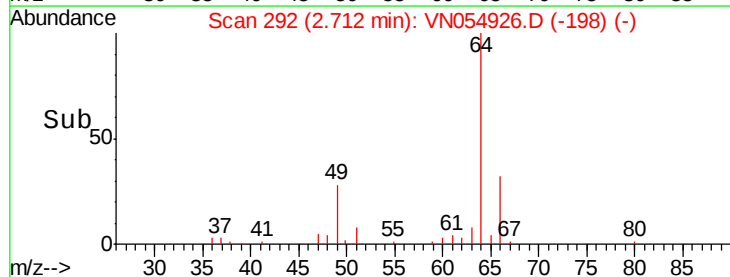
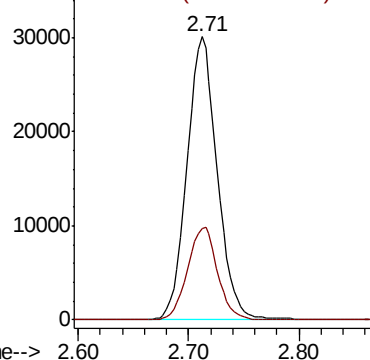
64 100

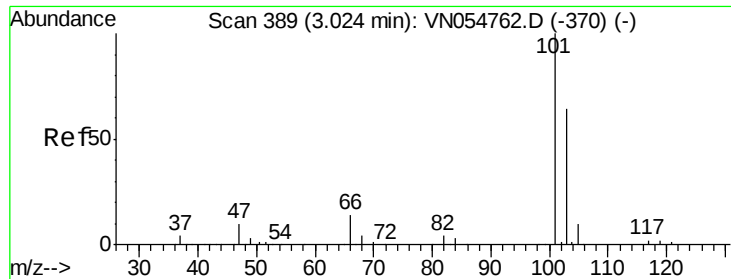
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



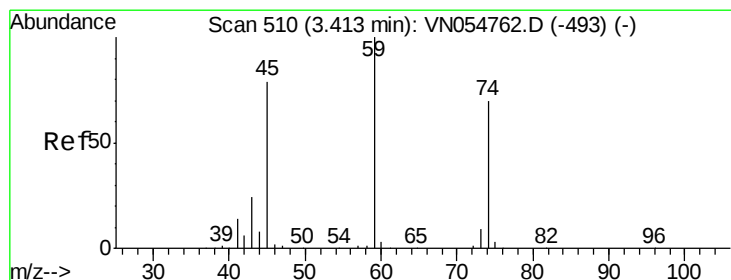
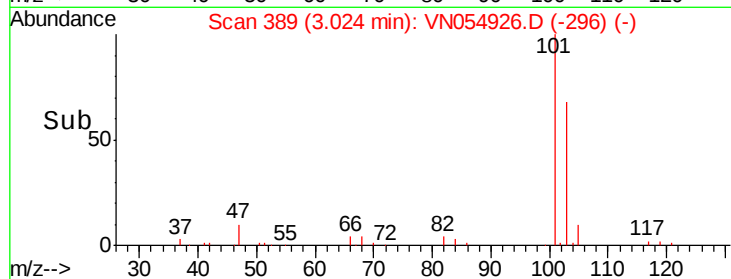
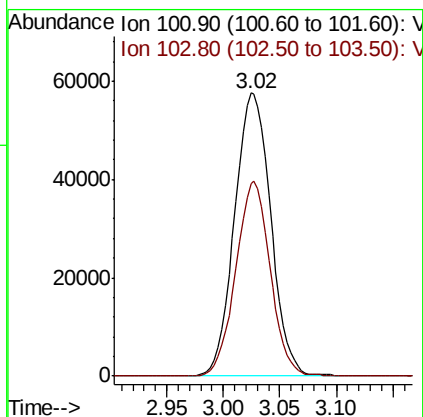
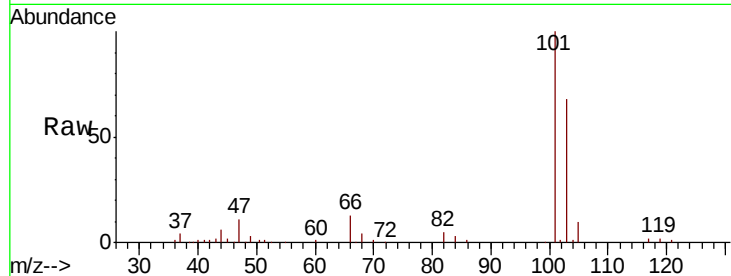


#7

Trichlorofluoromethane
 Concen: 20.916 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :

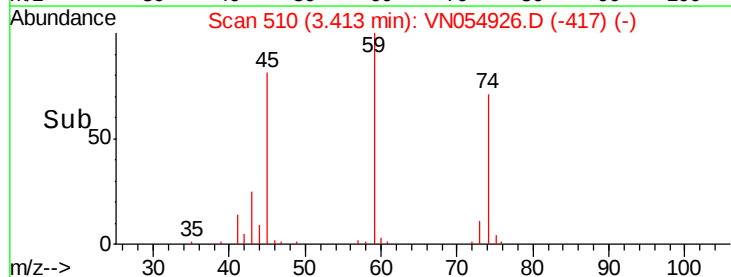
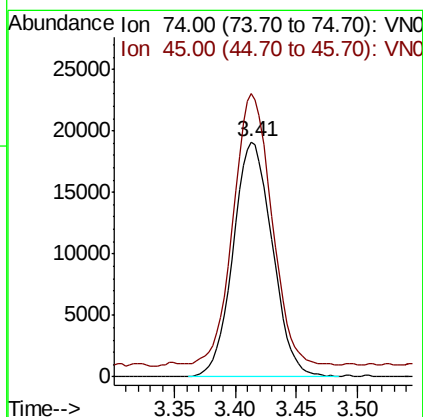
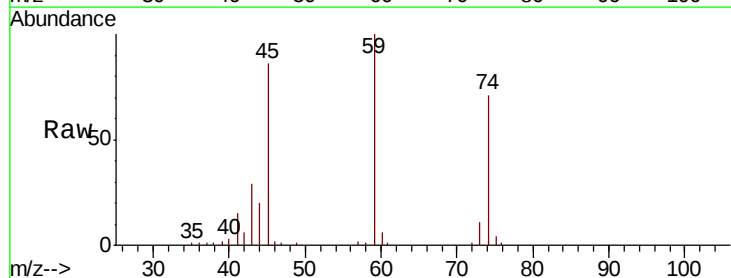
Tot Ion:101 Resp: 128508
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.4 77.2

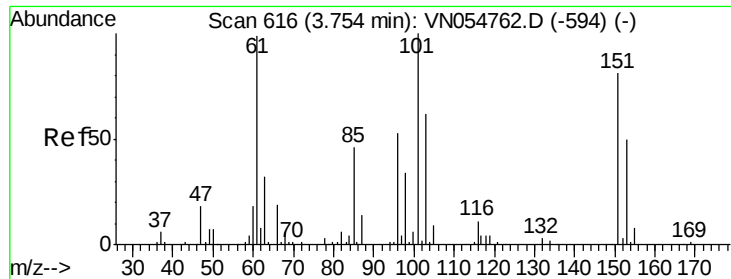


#8

Diethyl Ether
 Concen: 21.498 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion: 74 Resp: 42531
 Ion Ratio Lower Upper
 74 100
 45 113.7 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.855 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

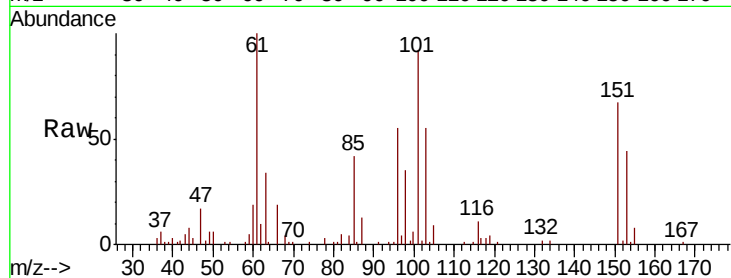
Tot Ion:101 Resp: 67454

Ion Ratio Lower Upper

101 100

85 48.2 32.4 48.6

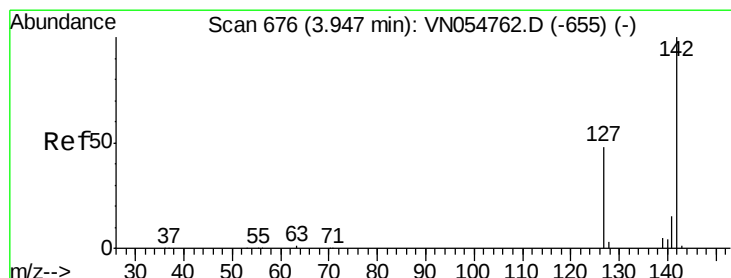
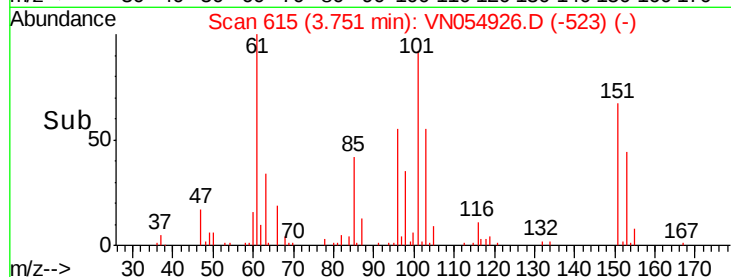
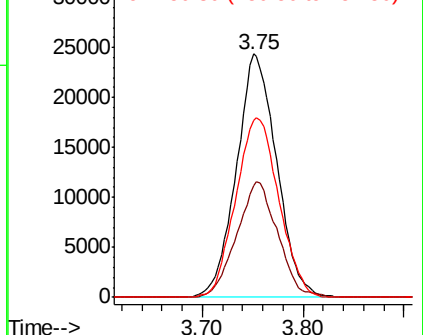
151 78.7 68.2 102.2



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: 20.583 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

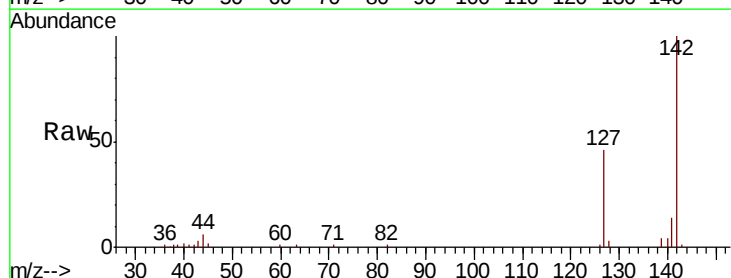
Tgt Ion:142 Resp: 91137

Ion Ratio Lower Upper

142 100

127 47.3 30.3 45.5#

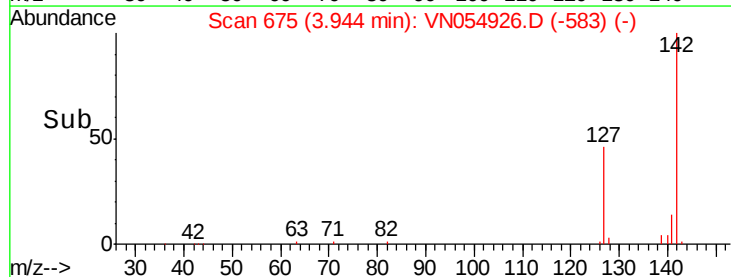
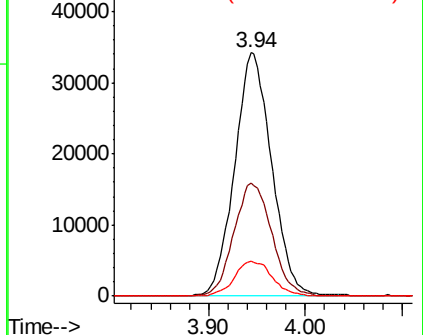
141 14.6 11.2 16.8

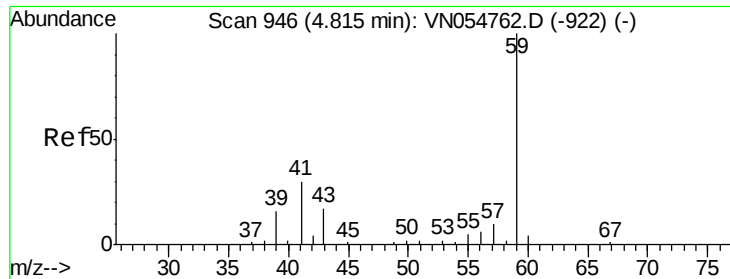


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

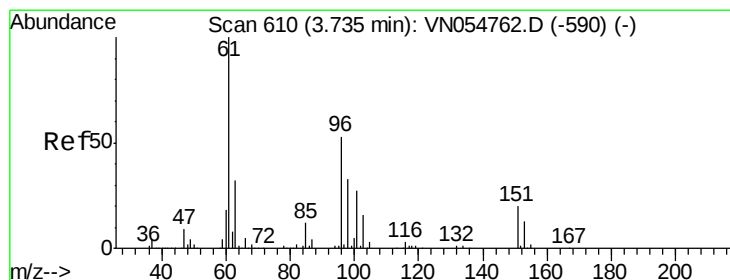
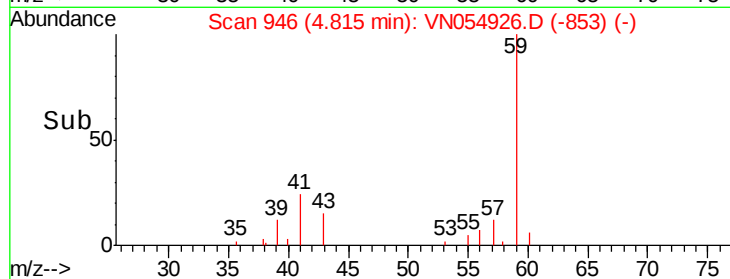
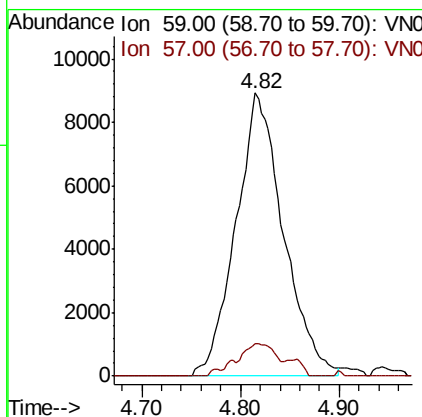
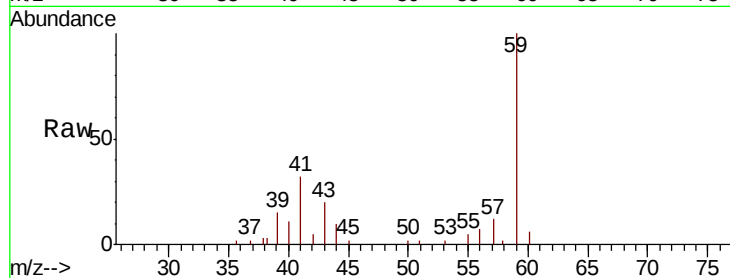




#11
Tert butyl alcohol
Concen: 106.657 ug/l
RT: 4.82 min Scan# 946
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

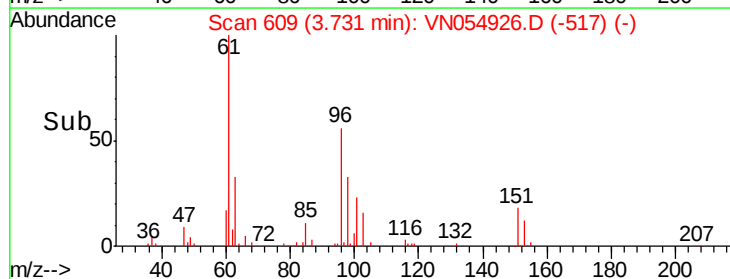
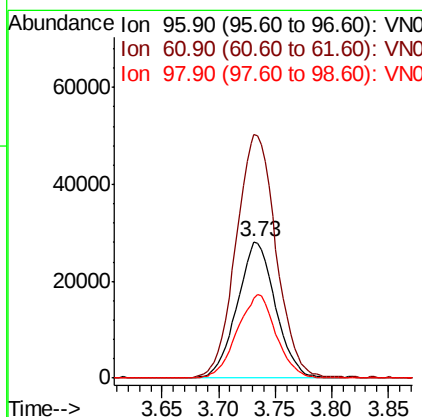
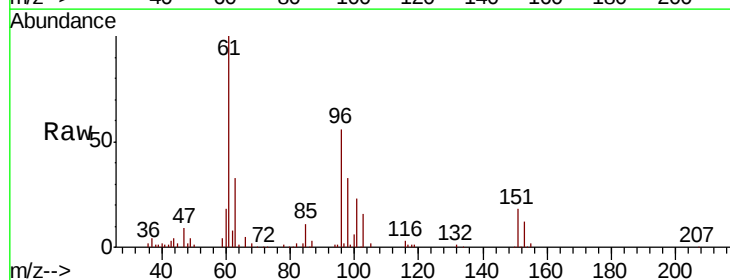
Instrument :
MSVOA_N
ClientSampleId :

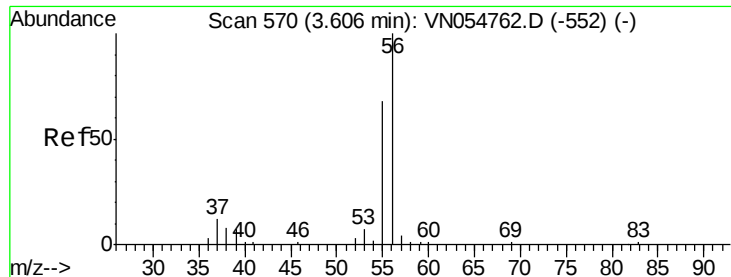
Tot Ion: 59 Resp: 29807
Ion Ratio Lower Upper
59 100
57 6.6 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 21.197 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 96 Resp: 66300
Ion Ratio Lower Upper
96 100
61 178.7 116.5 174.7#
98 58.3 51.0 76.4





#13

Acrolein

Concen: 91.812 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

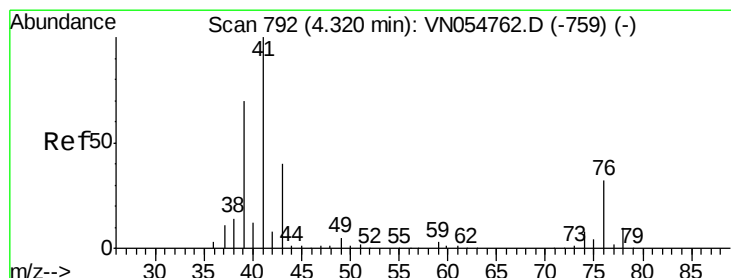
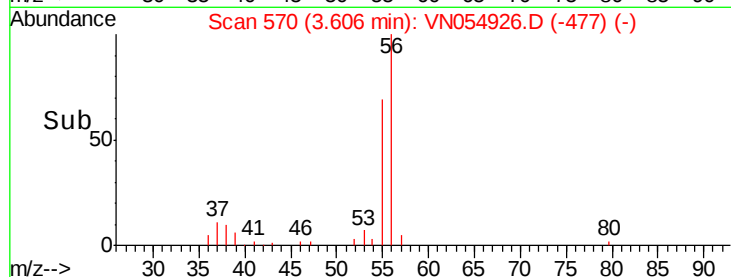
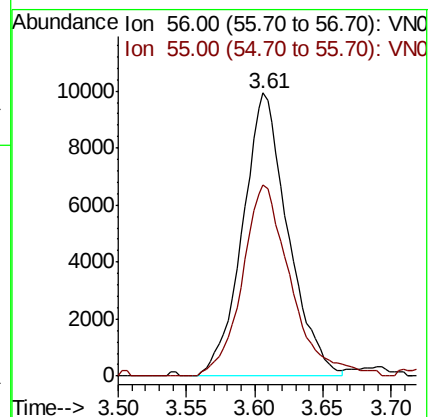
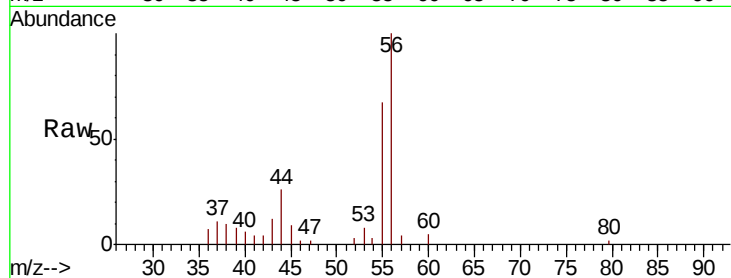
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 22938

Ion Ratio Lower Upper

56 100

55 72.1 56.7 85.1



#14

Allyl chloride

Concen: 20.102 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

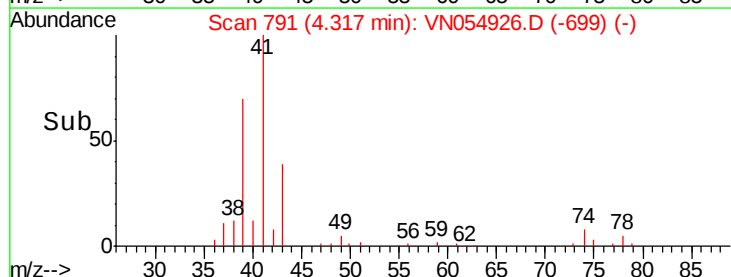
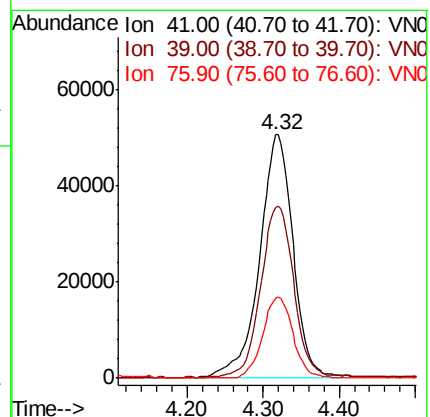
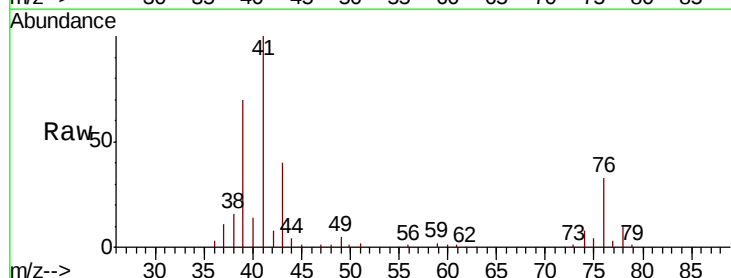
Tgt Ion: 41 Resp: 154866

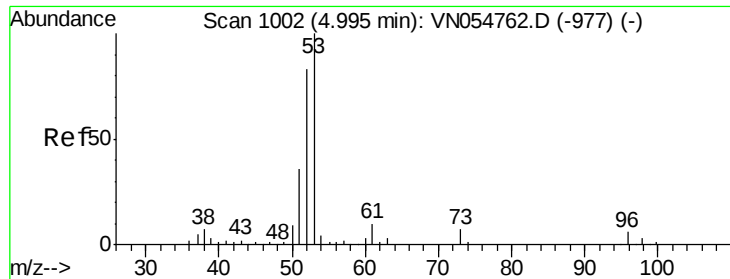
Ion Ratio Lower Upper

41 100

39 68.9 58.2 87.4

76 30.1 31.7 47.5#

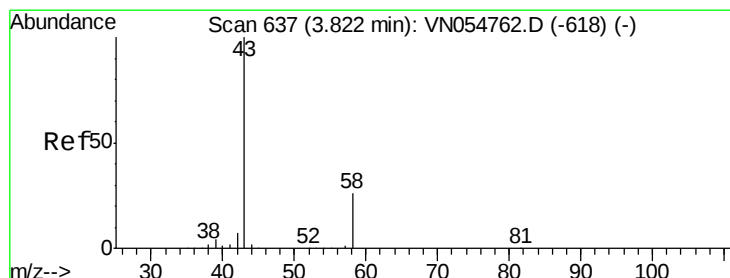
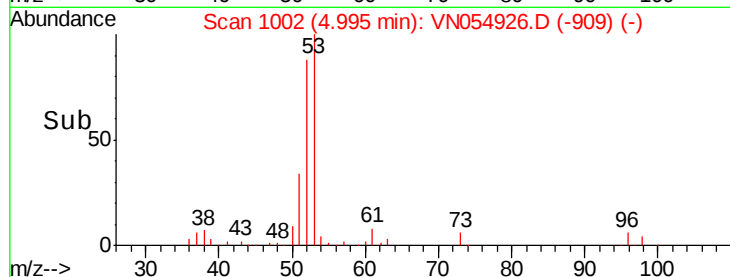
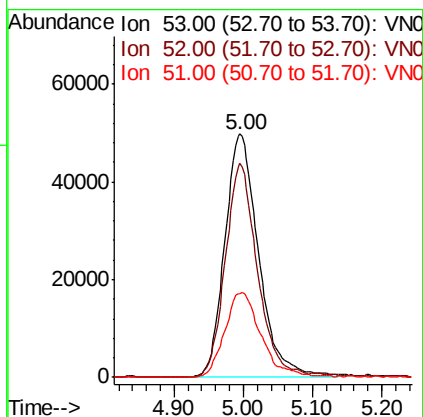
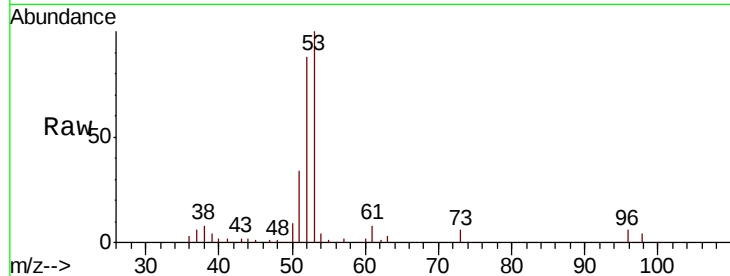




#15
 Acrylonitrile
 Concen: 109.324 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

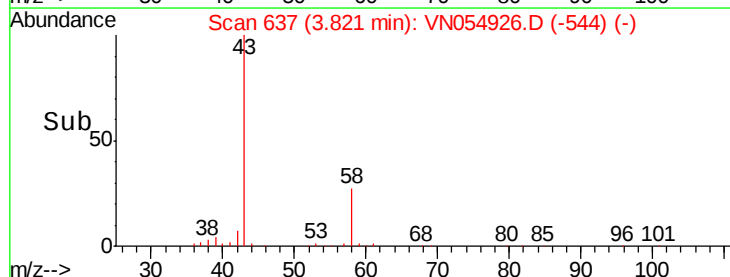
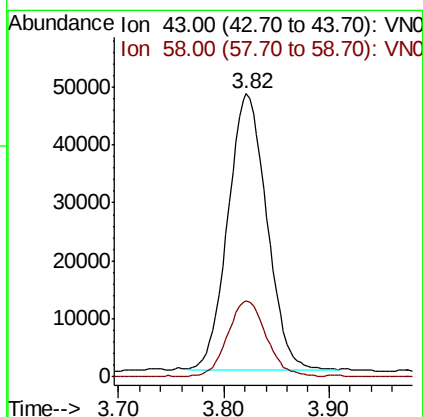
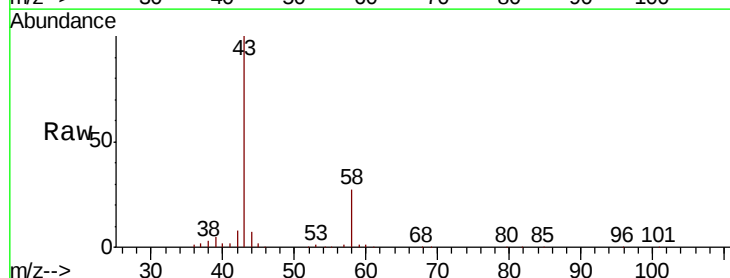
Instrument :
 MSVOA_N
 ClientSampleId :

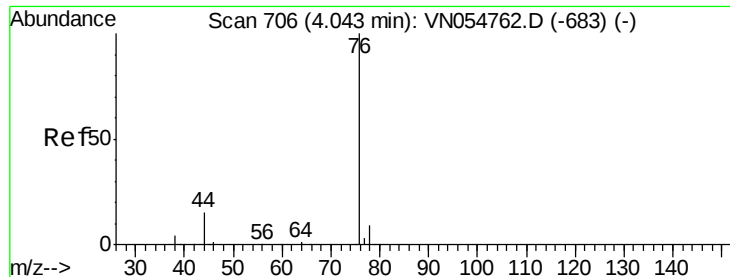
Tot Ion: 53 Resp: 169820
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.4 99.6
 51 37.4 29.6 44.4



#16
 Acetone
 Concen: 94.886 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion: 43 Resp: 121367
 Ion Ratio Lower Upper
 43 100
 58 27.0 29.9 44.9#

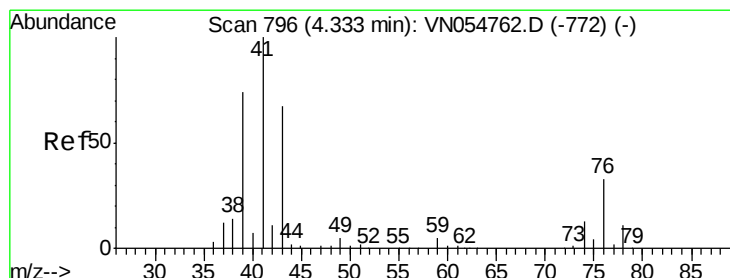
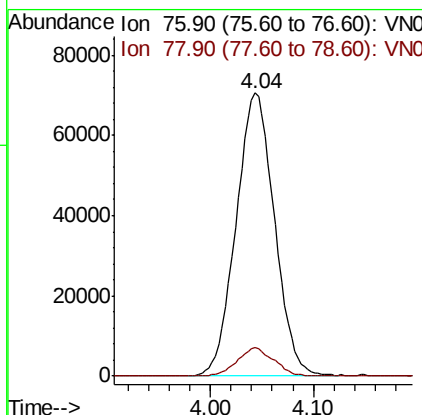
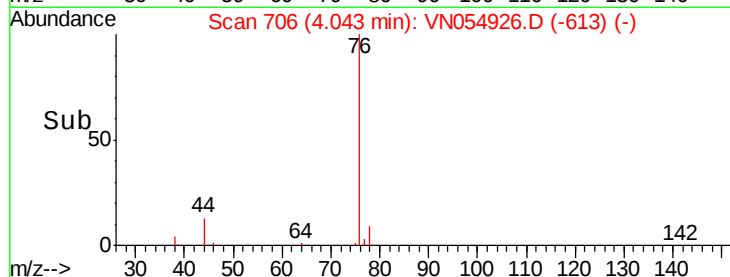
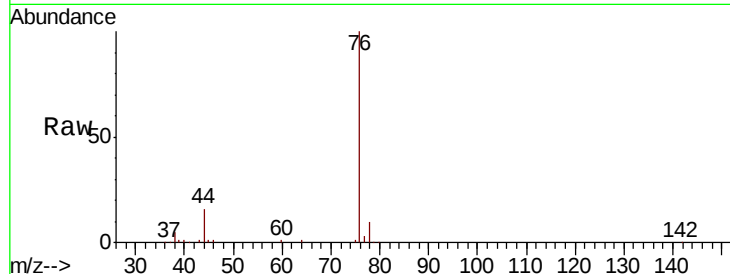




#17
Carbon Disulfide
Concen: 18.014 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

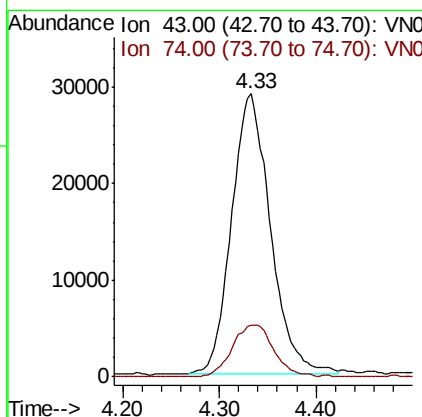
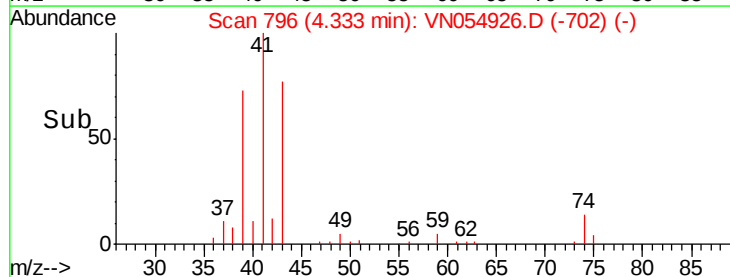
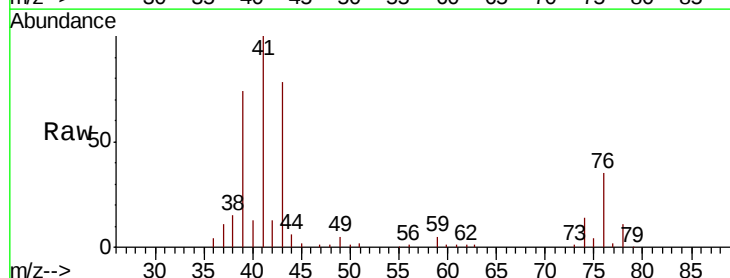
Instrument :
MSVOA_N
ClientSampleId :

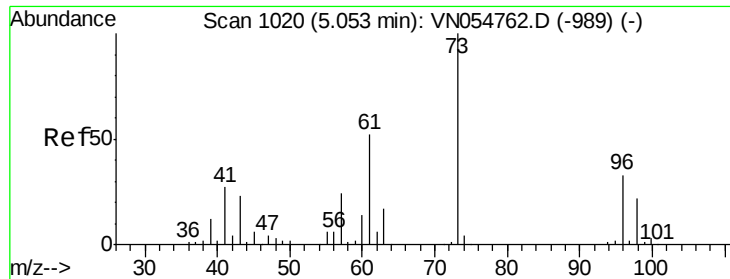
Tot Ion: 76 Resp: 182742
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#18
Methyl Acetate
Concen: 23.832 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 43 Resp: 81002
Ion Ratio Lower Upper
43 100
74 19.8 20.8 31.2#

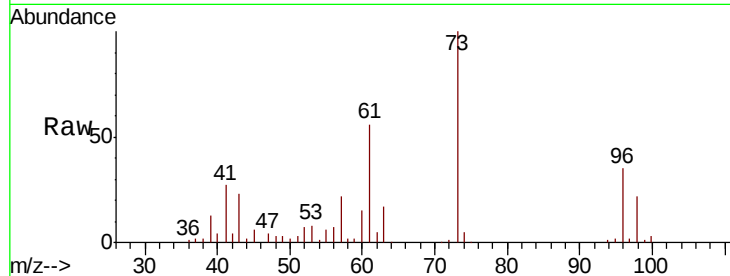




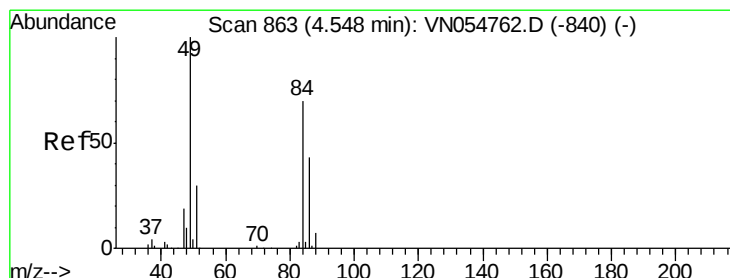
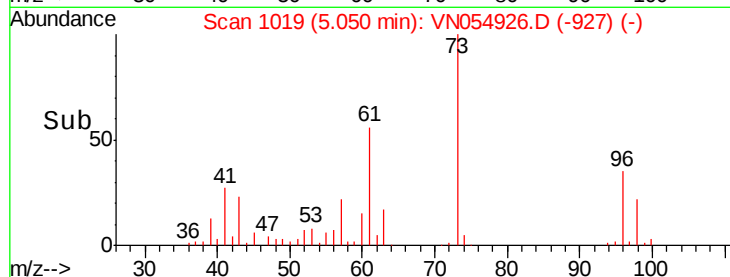
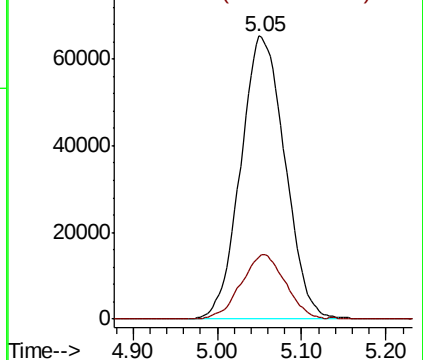
#19
Methvl tert-butvl Ether
Concen: 21.770 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 238184
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

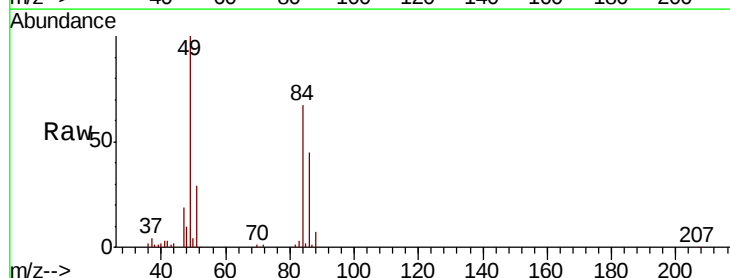


Abundance Ion 73.00 (72.70 to 73.70): VNO
Ion 57.00 (56.70 to 57.70): VNO

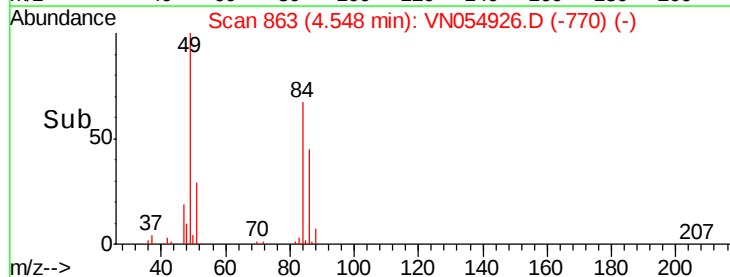
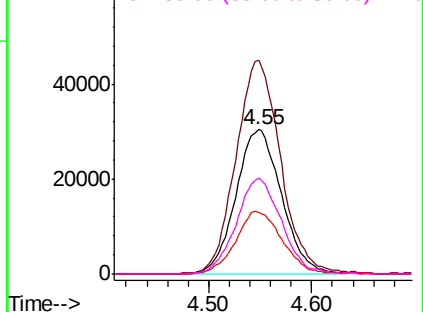


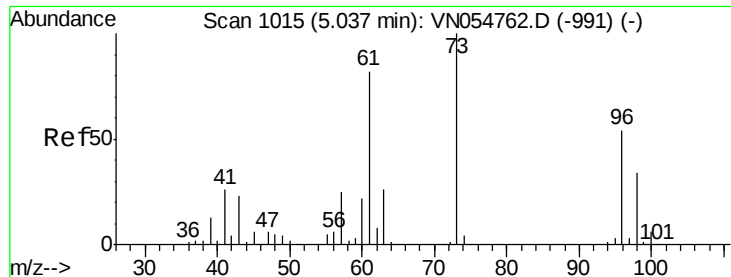
#20
Methylene Chloride
Concen: 20.748 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 84 Resp: 93610
Ion Ratio Lower Upper
84 100
49 147.6 89.7 134.5#
51 42.8 28.2 42.4#
86 66.3 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO





#21

trans-1,2-Dichloroethene

Concen: 20.346 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

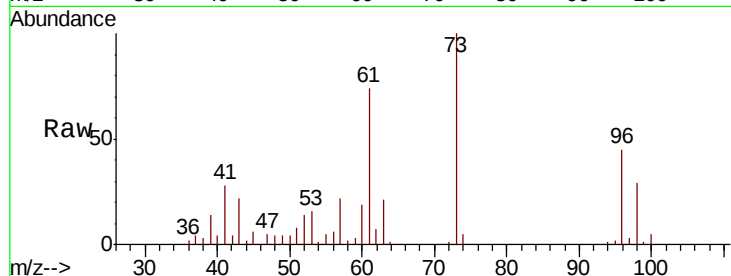
Tot Ion: 96 Resp: 83585

Ion Ratio Lower Upper

96 100

61 163.8 102.8 154.2#

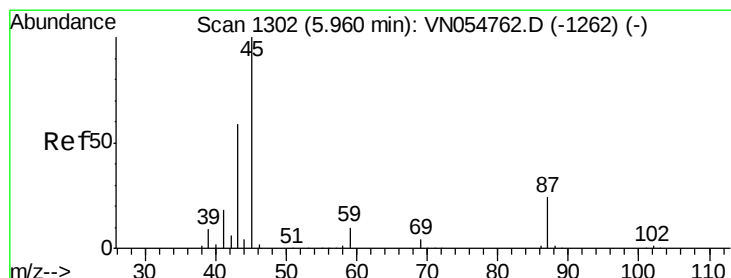
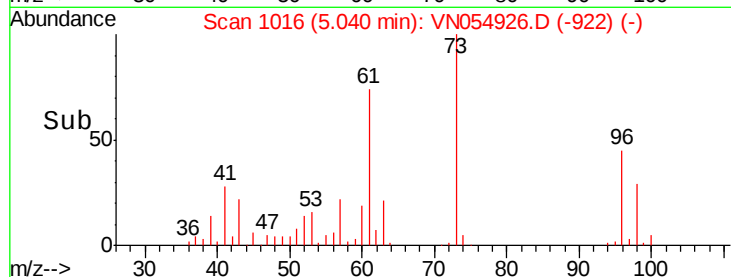
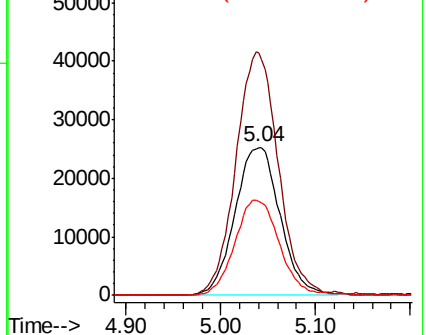
98 63.5 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VN054926.D (-1209) (-)

Ion 60.90 (60.60 to 61.60): VN054926.D (-1209) (-)

Ion 97.90 (97.60 to 98.60): VN054926.D (-1209) (-)



#22

Diisopropyl ether

Concen: 21.806 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Tgt Ion: 45 Resp: 332268

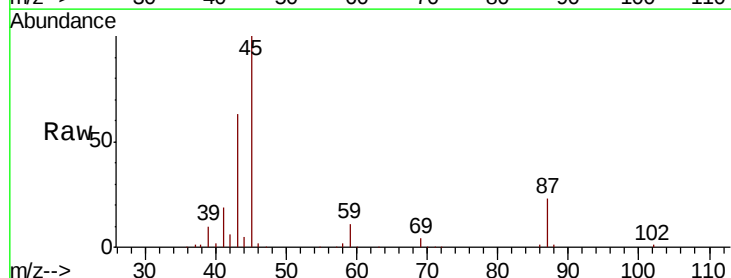
Ion Ratio Lower Upper

45 100

43 60.7 48.2 72.2

87 23.0 24.9 37.3#

59 10.7 9.5 14.3

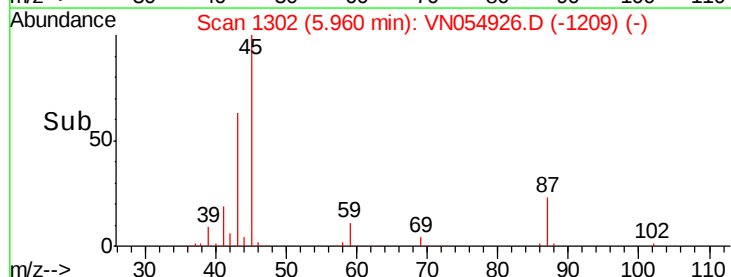
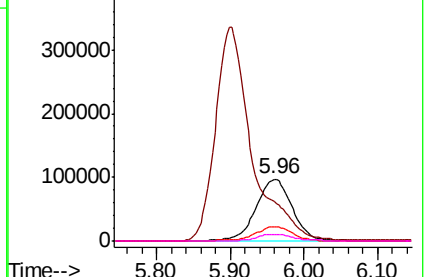


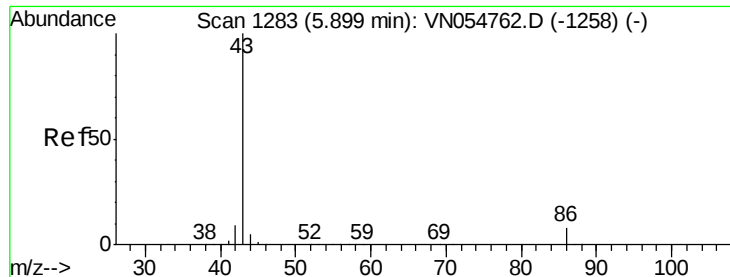
Abundance Ion 45.00 (44.70 to 45.70): VN054926.D (-1209) (-)

Ion 43.00 (42.70 to 43.70): VN054926.D (-1209) (-)

Ion 87.00 (86.70 to 87.70): VN054926.D (-1209) (-)

Ion 59.00 (58.70 to 59.70): VN054926.D (-1209) (-)





#23

Vinyl Acetate

Concen: 108.893 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

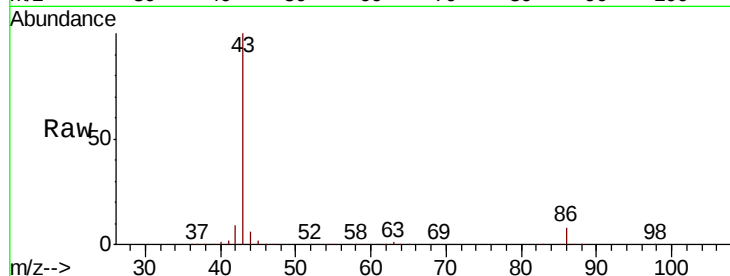
ClientSampleId :

Tot Ion: 43 Resp: 1154673

Ion Ratio Lower Upper

43 100

86 8.4 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN054926.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN054926.D (-1190) (-)

5.90

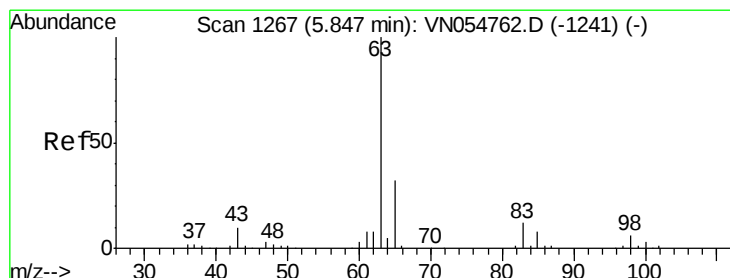
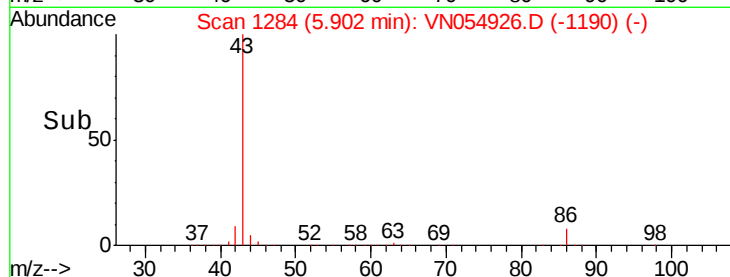
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.465 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

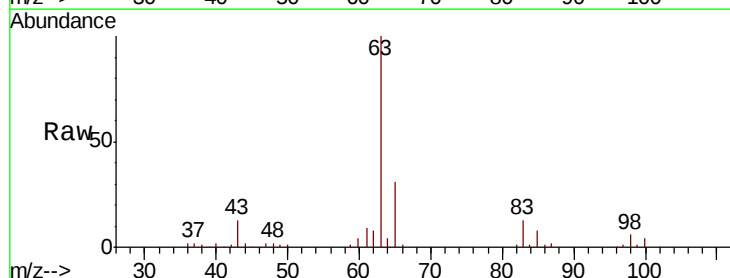
Tgt Ion: 63 Resp: 174475

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 3.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN054926.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN054926.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN054926.D (-1174) (-)

5.85

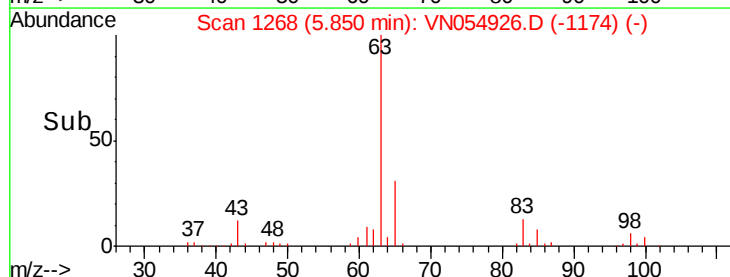
60000

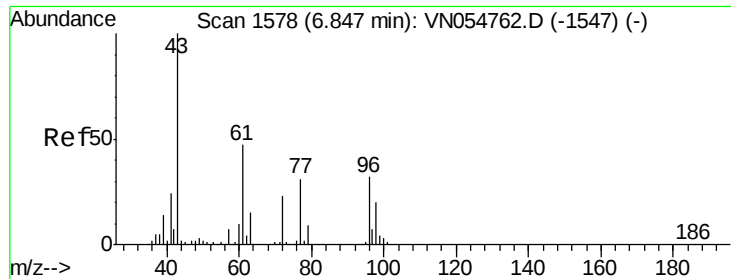
40000

20000

0

Time-->

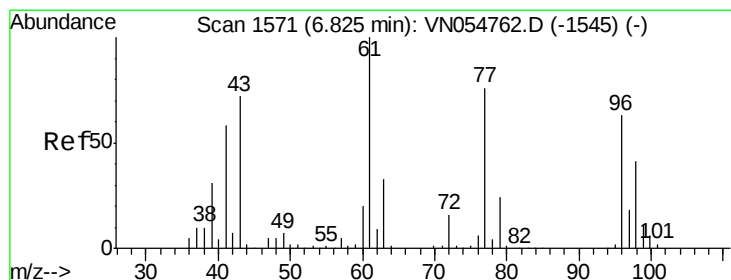
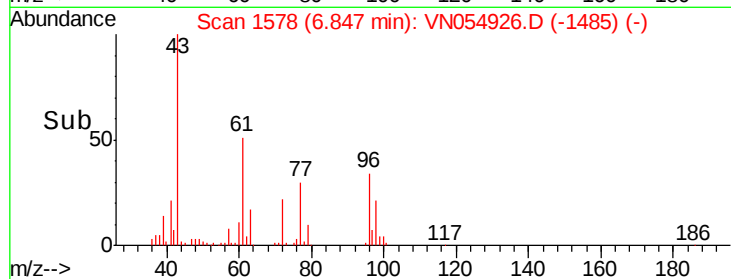
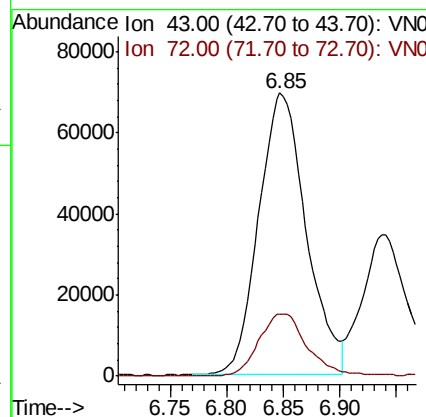
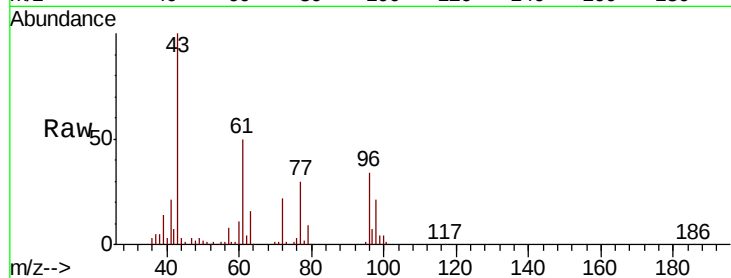




#25
2-Butanone
Concen: 107.435 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

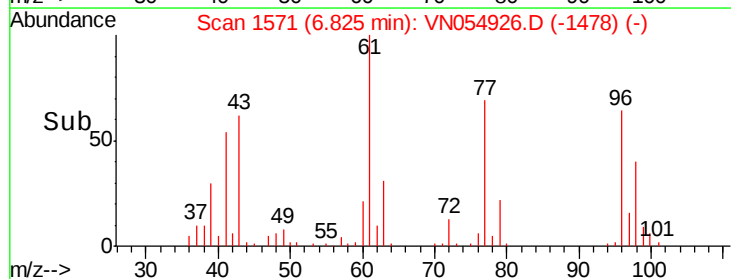
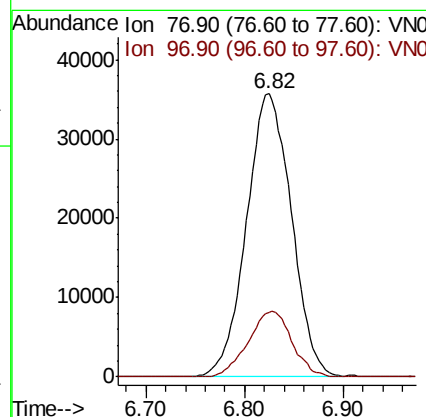
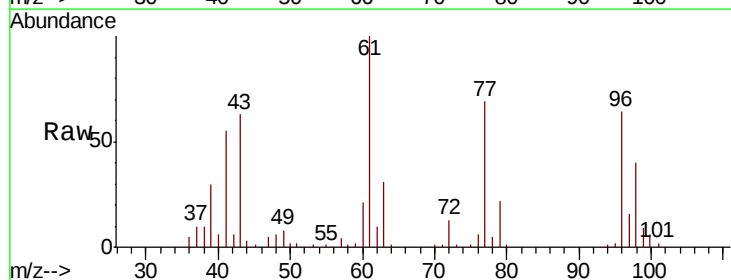
Instrument :
MSVOA_N
ClientSampleId :

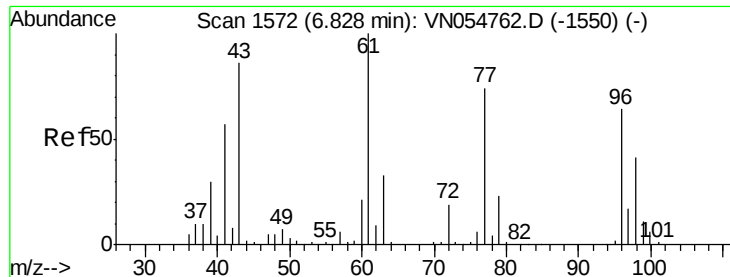
Tot Ion: 43 Resp: 203131
Ion Ratio Lower Upper
43 100
72 22.2 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 19.748 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 77 Resp: 112506
Ion Ratio Lower Upper
77 100
97 22.6 11.9 35.9



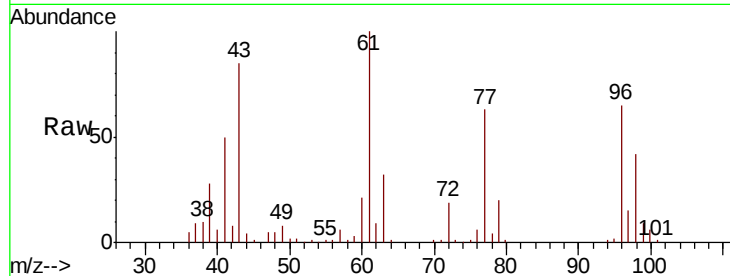


#27

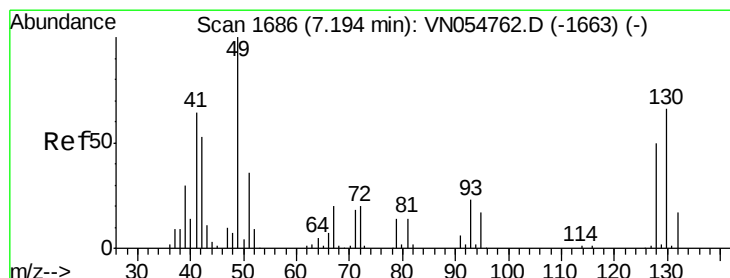
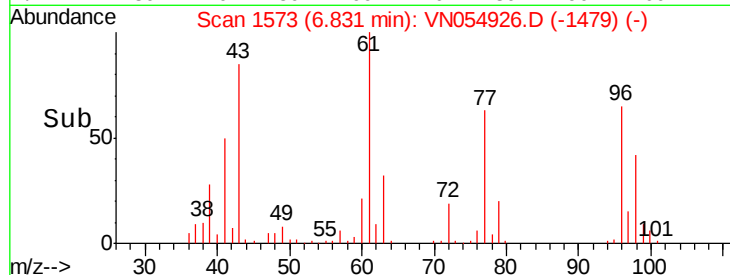
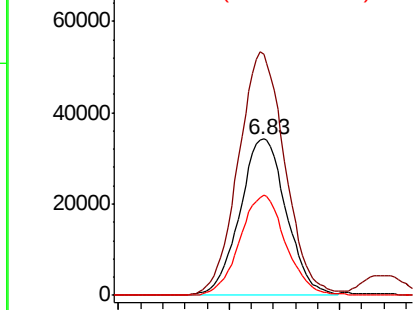
cis-1,2-Dichloroethene
 Concen: 21.548 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	273.0
98	63.3	0.0	130.6



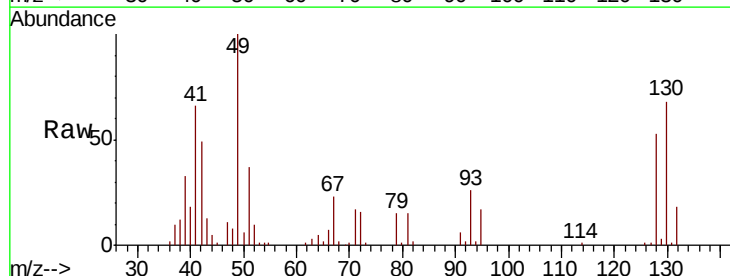
Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0



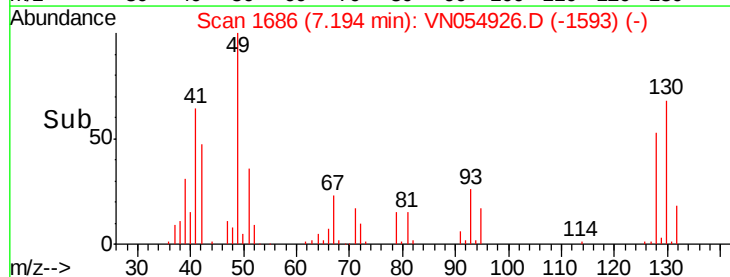
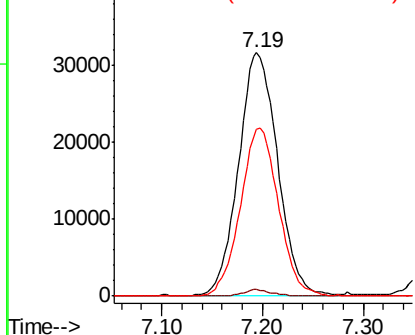
#28

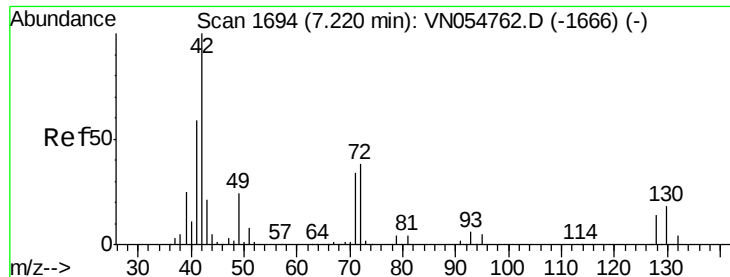
Bromochloromethane
 Concen: 21.005 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	66.9	76.7	115.1#



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

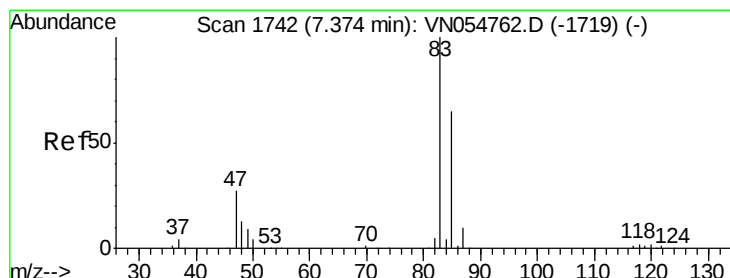
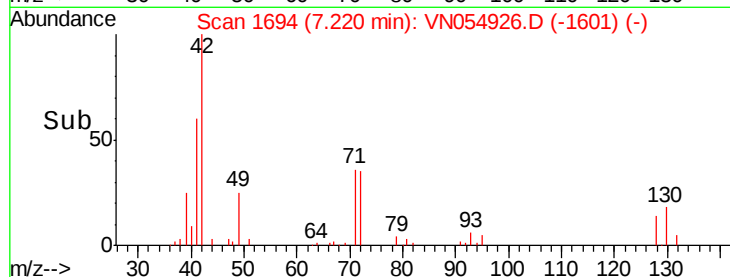
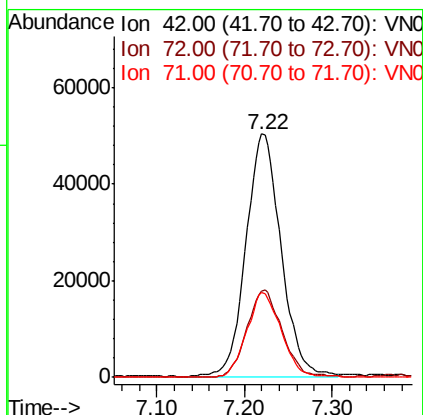
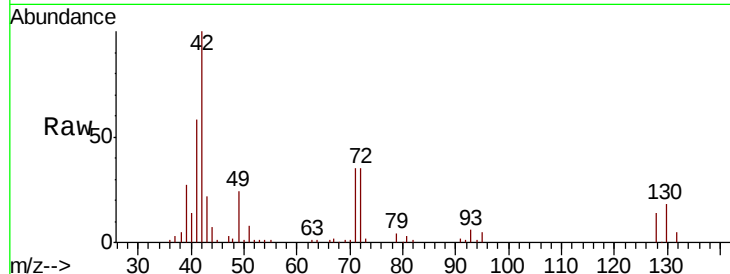




#29
Tetrahydrofuran
Concen: 106.189 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

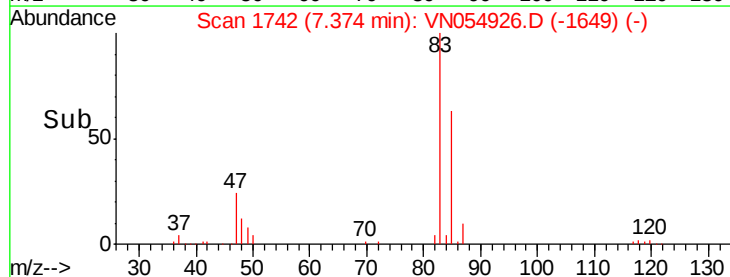
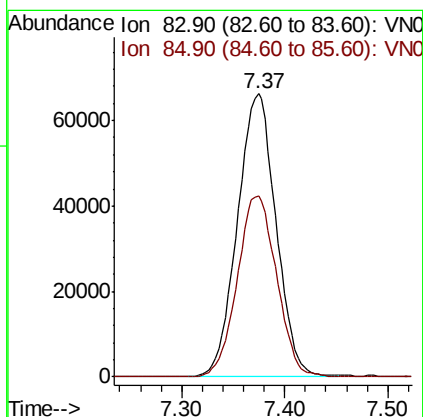
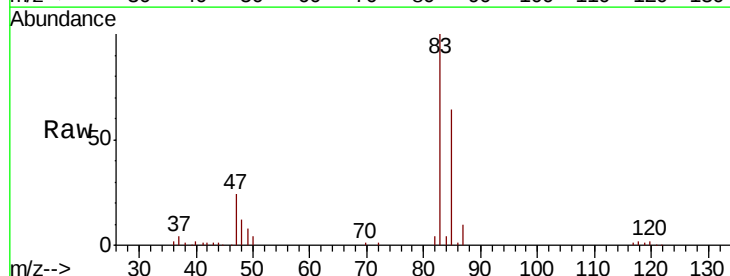
Instrument :
MSVOA_N
ClientSampleId :

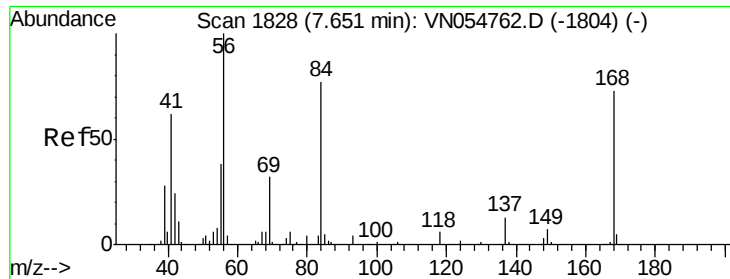
Tot Ion: 42 Resp: 139448
Ion Ratio Lower Upper
42 100
72 36.3 37.8 56.6#
71 34.6 36.2 54.2#



#30
Chloroform
Concen: 22.224 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 83 Resp: 172249
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4

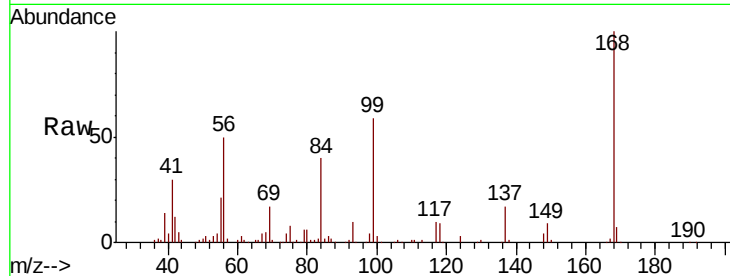




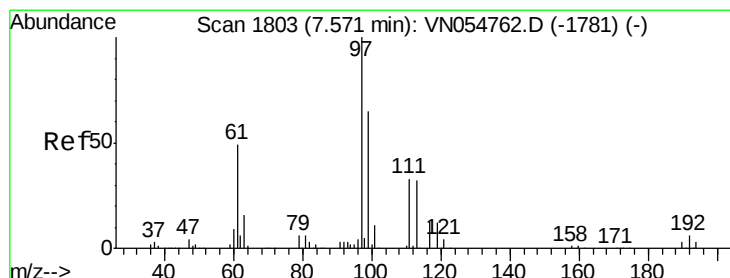
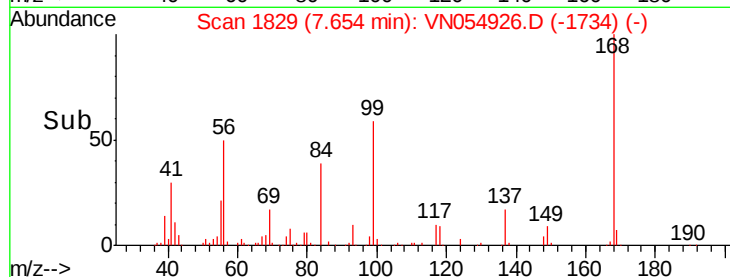
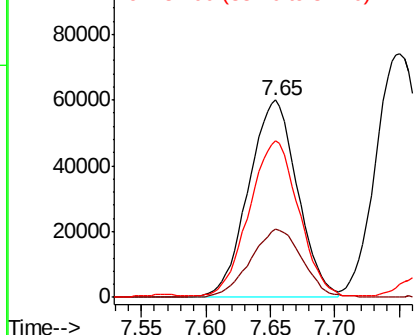
#31
Cyclohexane
Concen: 20.153 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 158365
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.6
84 78.6 74.6 111.8

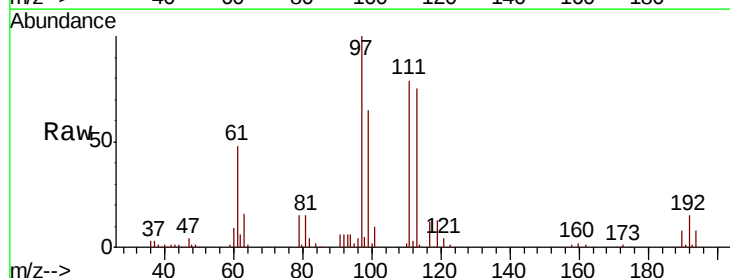


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

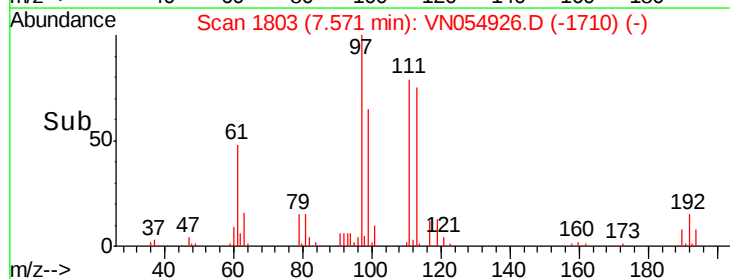
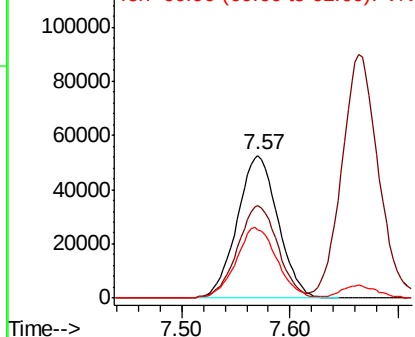


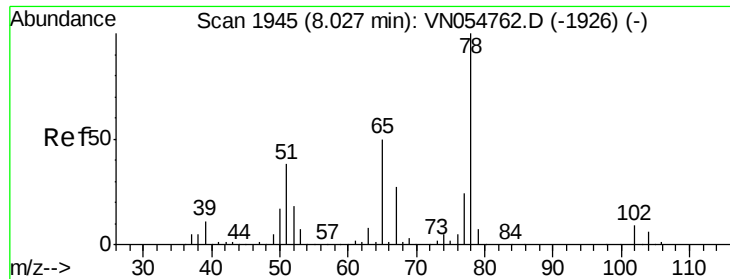
#32
1,1,1-Trichloroethane
Concen: 21.539 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 97 Resp: 138345
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 49.3 33.6 50.4



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: 51.766 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

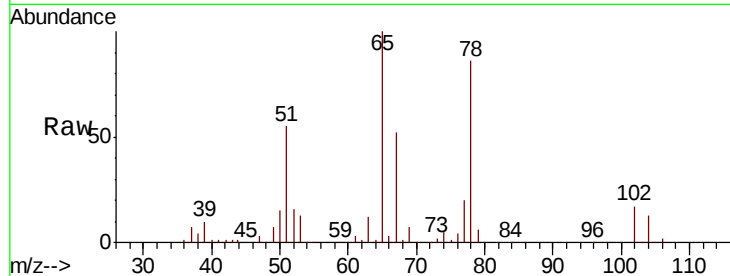
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 277666

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054926.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN054926.D (-1926) (-)

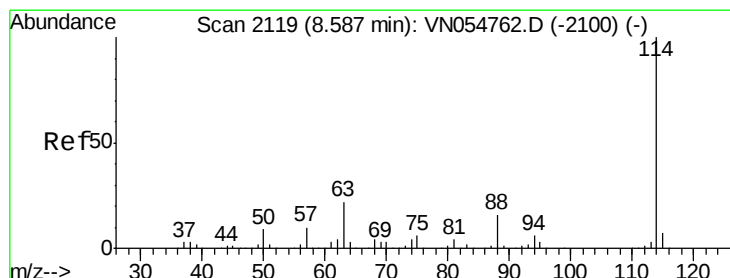
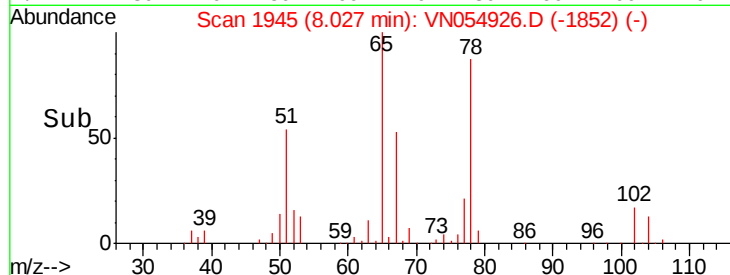
8.03

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

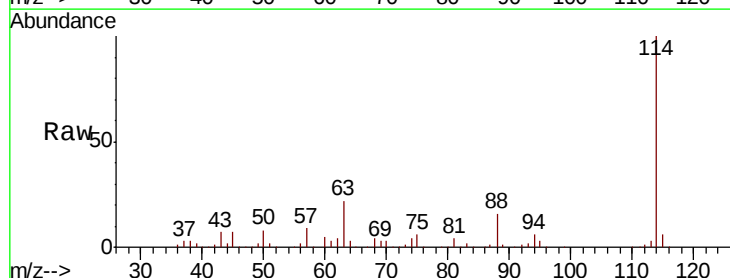
Tgt Ion: 114 Resp: 667994

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.2

88 16.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054926.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN054926.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN054926.D (-2100) (-)

8.59

400000

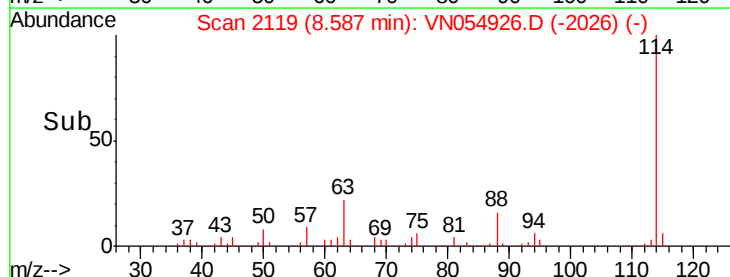
300000

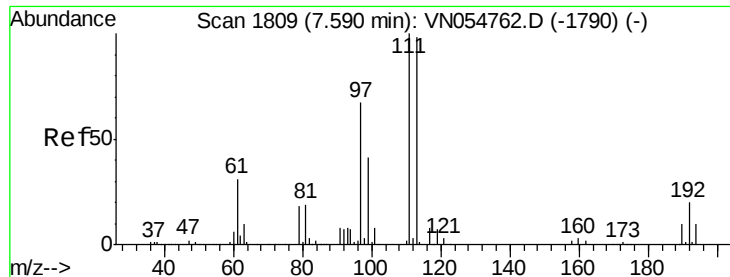
200000

100000

0

Time-->

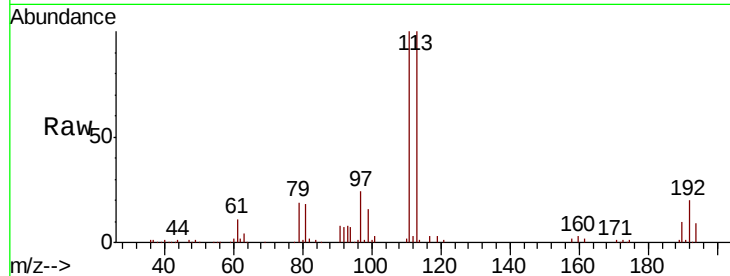




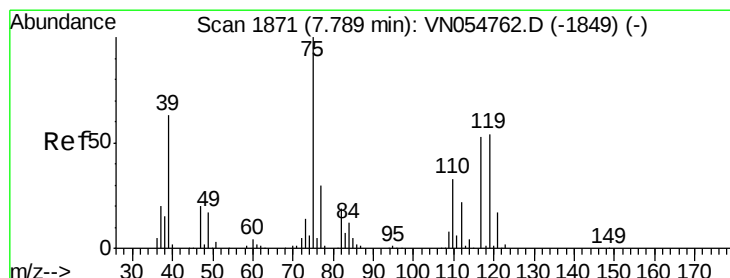
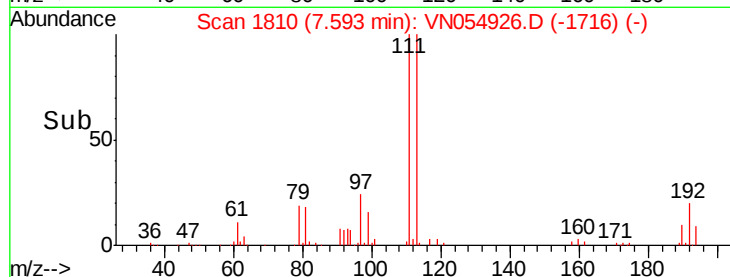
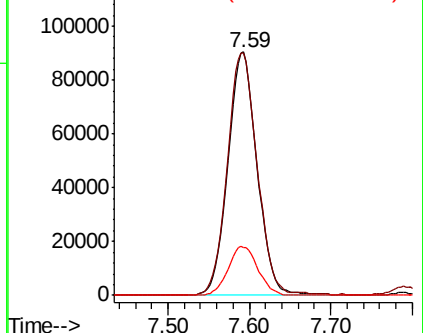
#35
Dibromofluoromethane
Concen: 50.927 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 226803
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 20.5 19.2 28.8

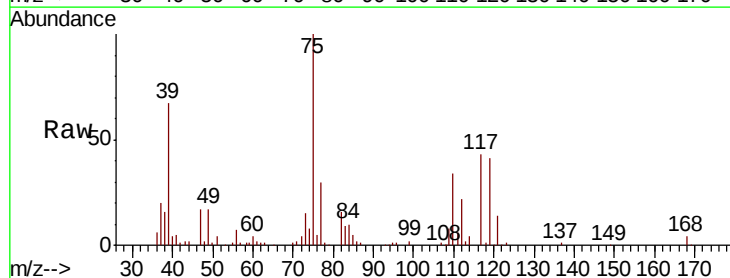


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

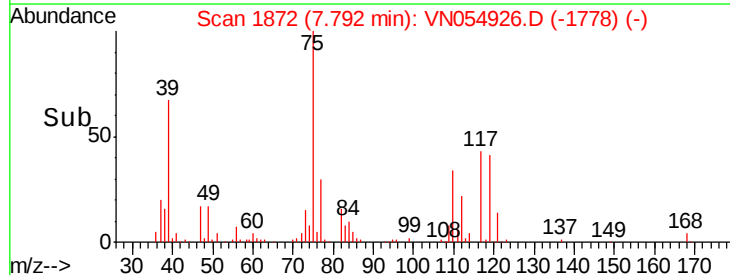
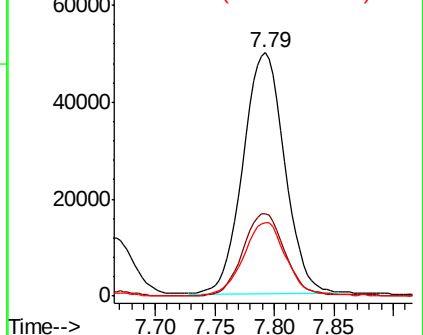


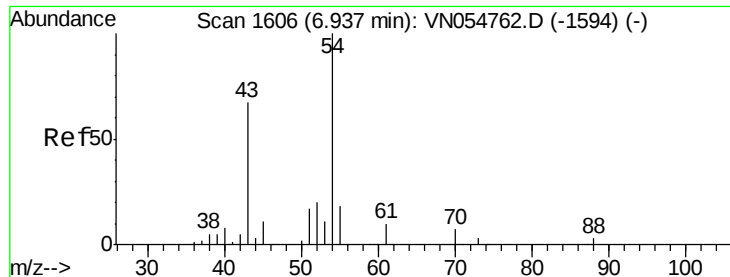
#36
1,1-Dichloropropene
Concen: 19.416 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 75 Resp: 120852
Ion Ratio Lower Upper
75 100
110 34.3 19.1 57.5
77 31.4 25.0 37.4



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

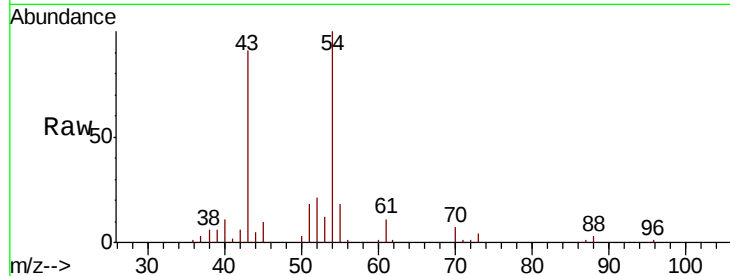




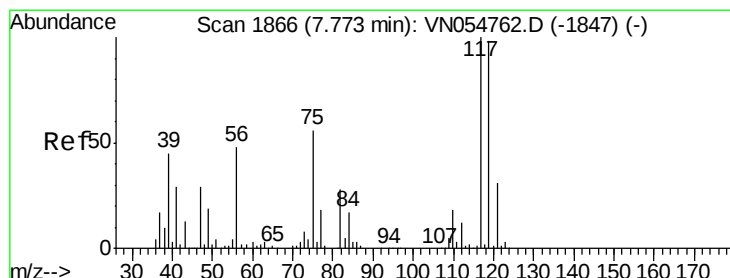
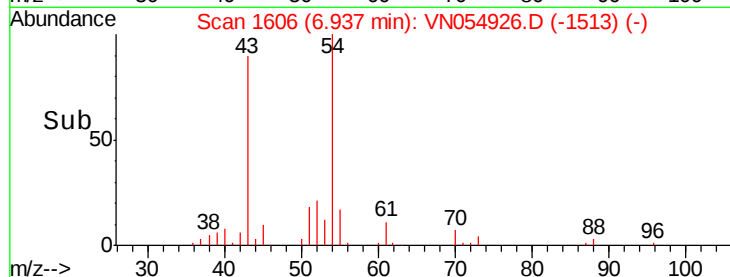
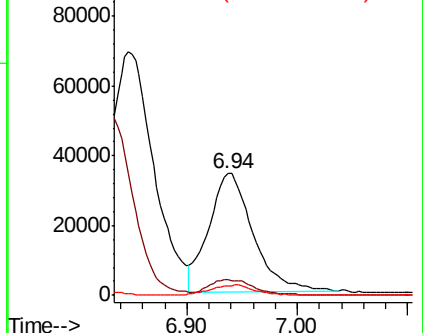
#37
Ethyl Acetate
Concen: 20.870 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 95261
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.6
70 8.6 8.4 12.6

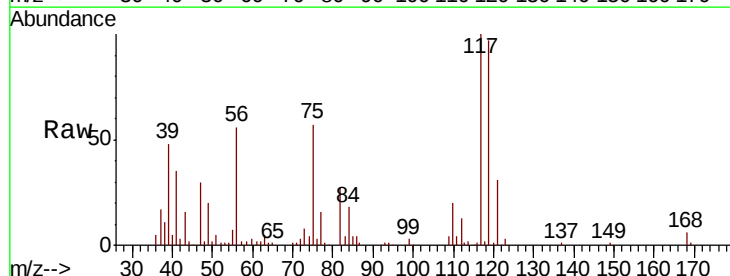


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

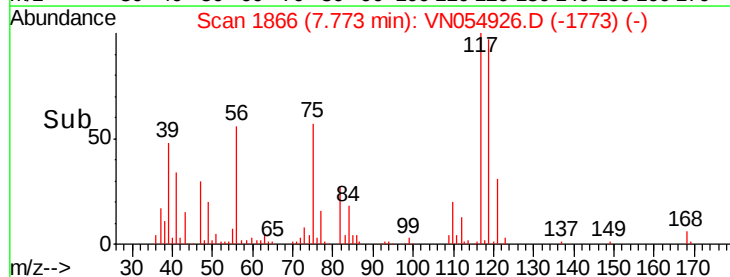
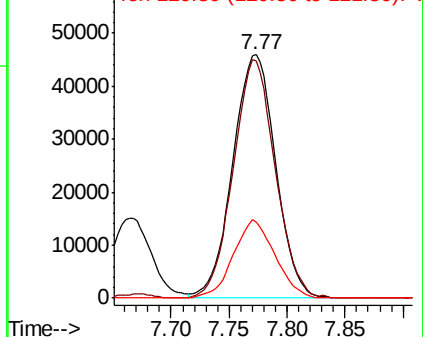


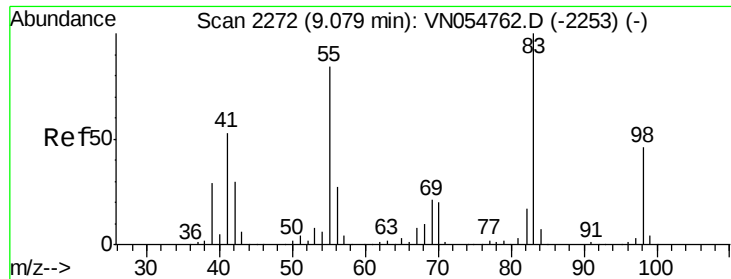
#38
Carbon Tetrachloride
Concen: 19.590 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 117 Resp: 118434
Ion Ratio Lower Upper
117 100
119 97.4 76.3 114.5
121 31.1 24.6 36.8



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

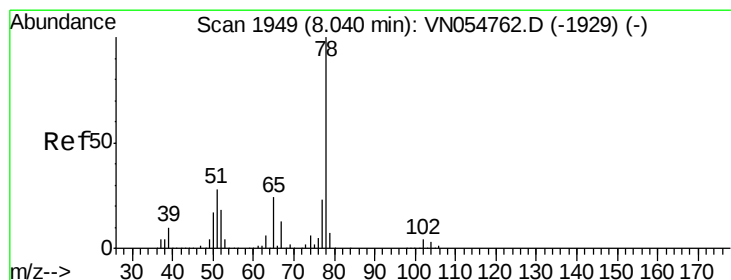
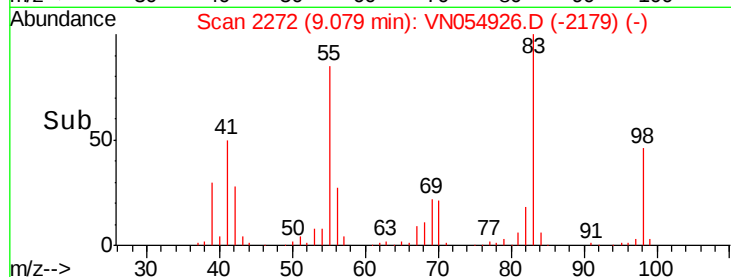
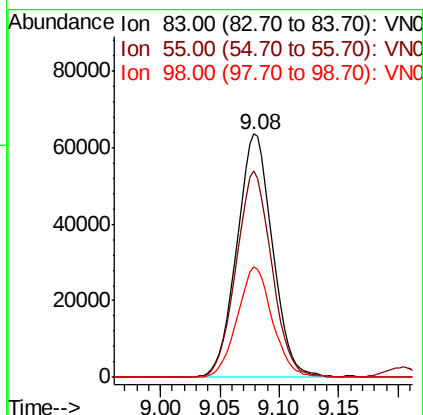
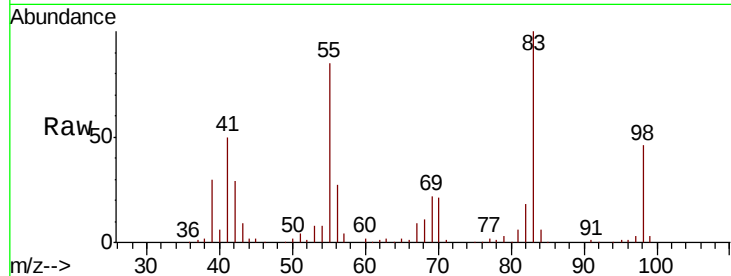




#39
Methvlcvclohexane
Concen: 19.315 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

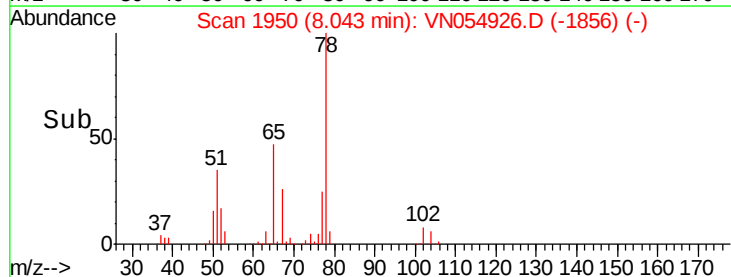
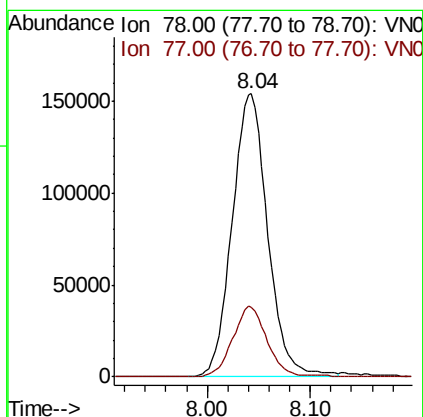
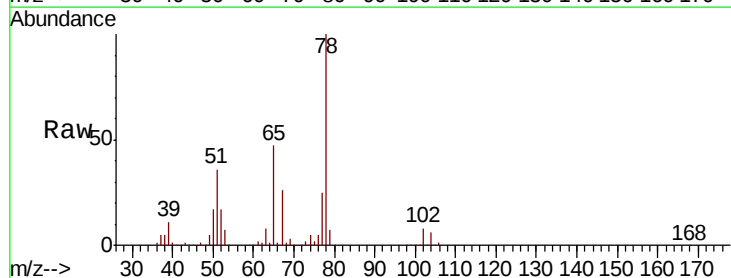
Instrument :
MSVOA_N
ClientSampled :

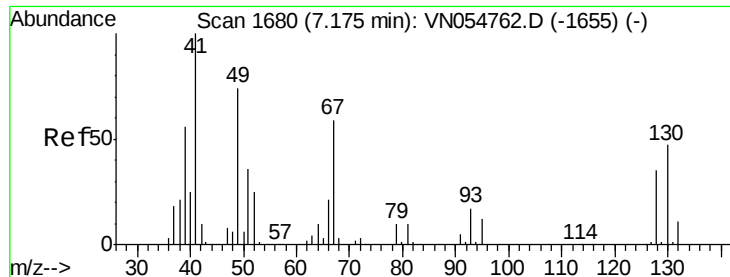
Tot Ion: 83 Resp: 132177
Ion Ratio Lower Upper
83 100
55 85.0 56.6 84.8#
98 45.6 38.4 57.6



#40
Benzene
Concen: 20.712 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 78 Resp: 368892
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

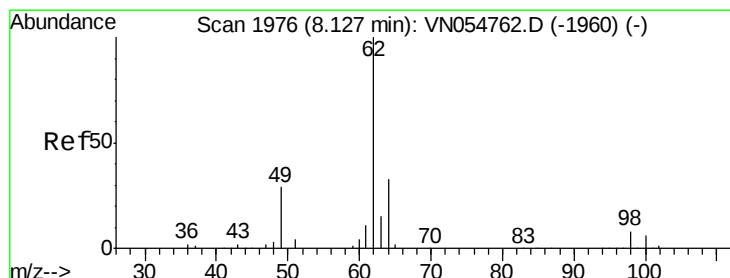
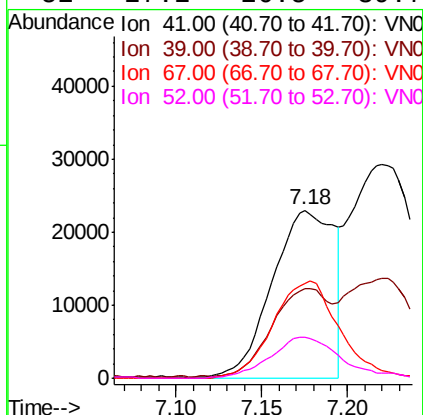
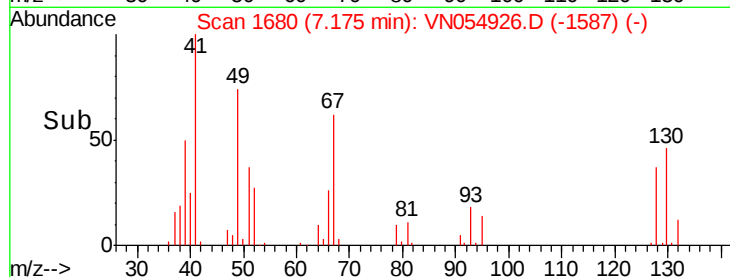
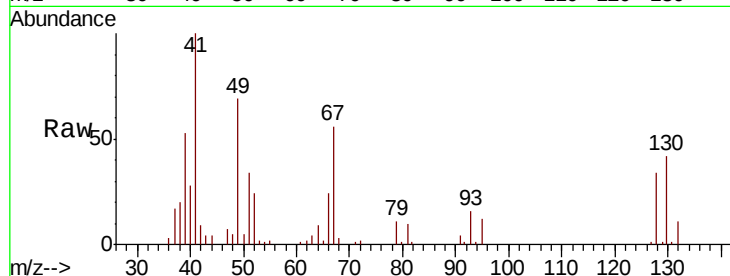




#41
Methacrylonitrile
Concen: 22.482 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

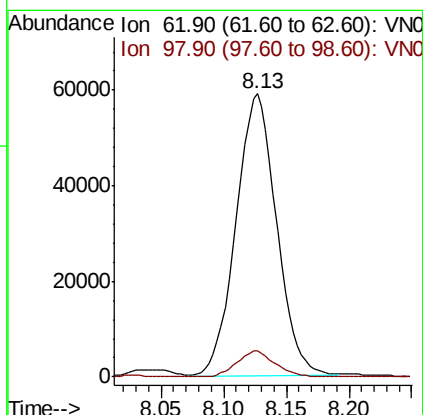
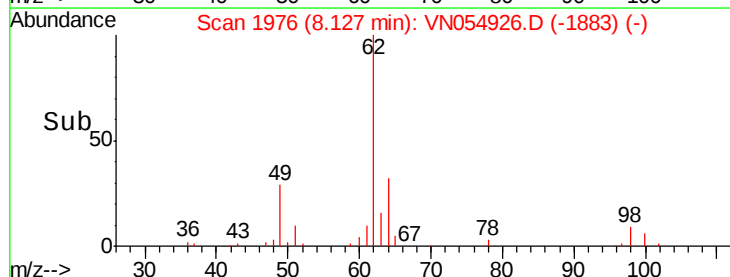
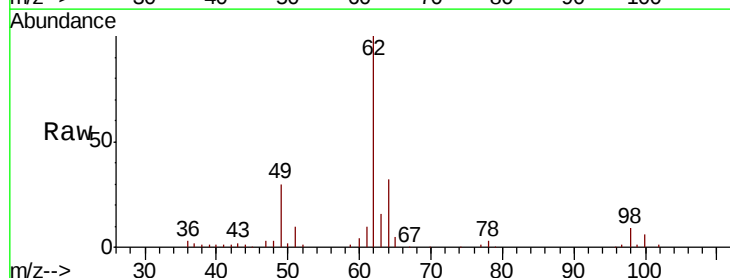
Instrument :
MSVOA_N
ClientSampled :

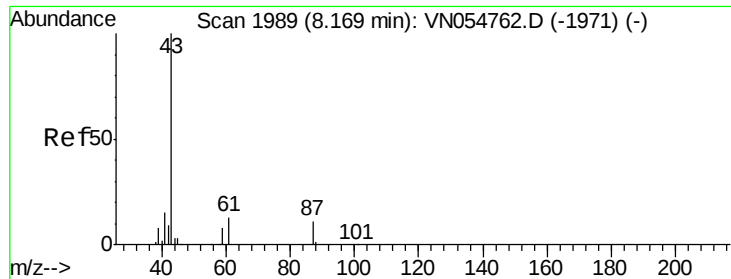
Tot Ion: 41 Resp: 57648
Ion Ratio Lower Upper
41 100
39 47.8 46.8 70.2
67 61.8 67.0 100.4#
52 27.2 26.5 39.7



#42
1,2-Dichloroethane
Concen: 20.848 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion: 62 Resp: 132579
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.4





#43

Isopropyl Acetate

Concen: 21.613 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

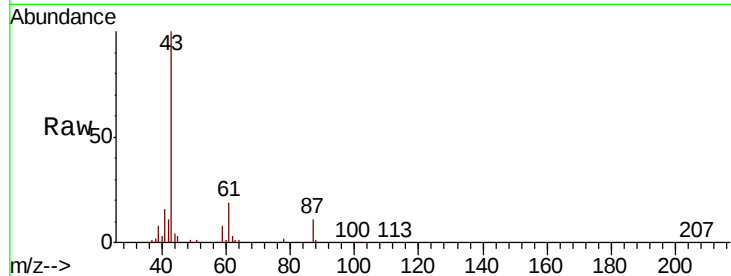
Tot Ion: 43 Resp: 160295

Ion Ratio Lower Upper

43 100

61 18.1 15.8 23.8

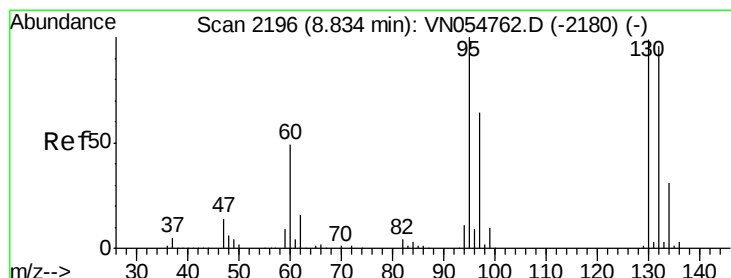
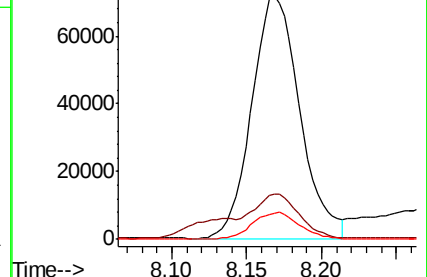
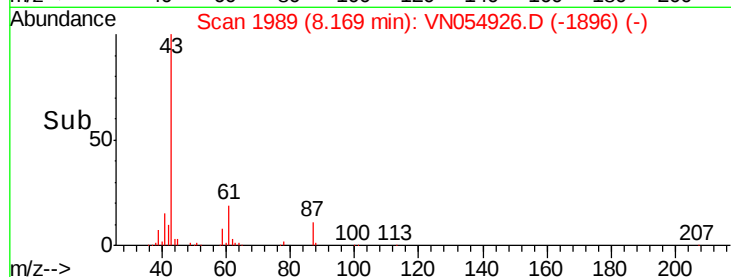
87 11.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054926.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054926.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054926.D (-1896) (-)



#44

Trichloroethene

Concen: 20.330 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054926.D

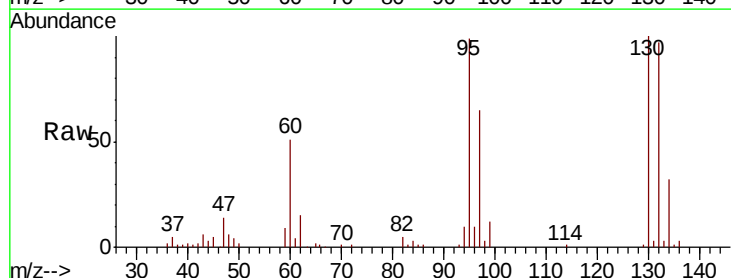
Acq: 3 Apr 2019 15:07

Tgt Ion:130 Resp: 93991

Ion Ratio Lower Upper

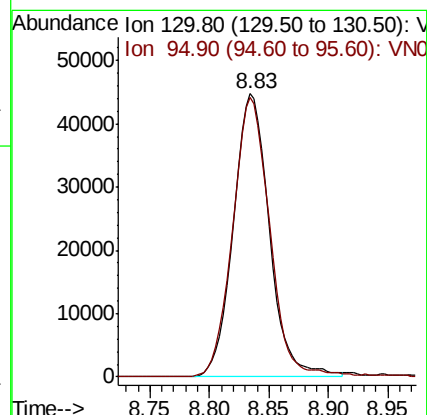
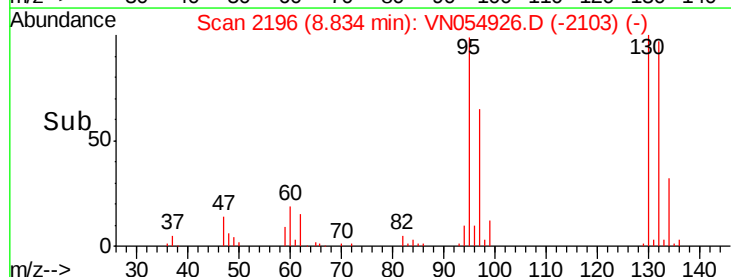
130 100

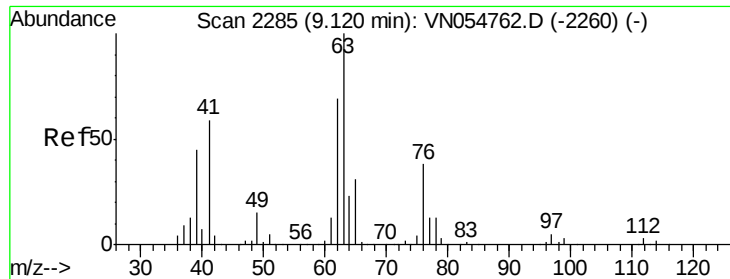
95 98.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054926.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054926.D (-2103) (-)

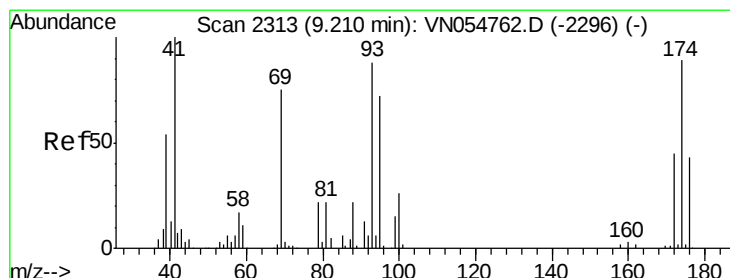
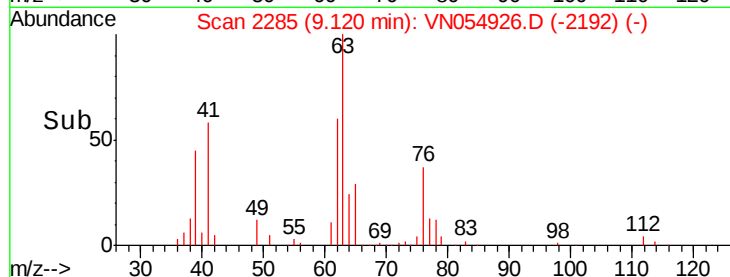
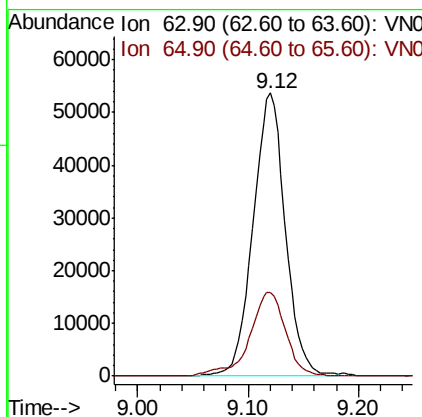
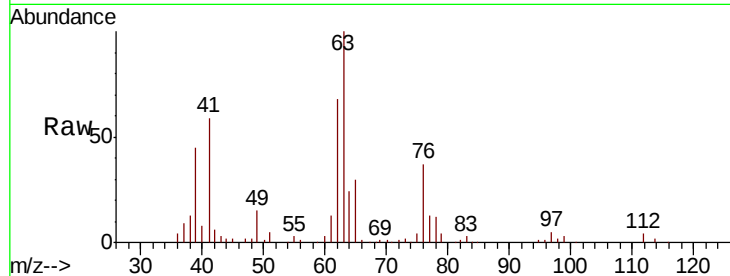




#45
 1,2-Dichloropropane
 Concen: 21.463 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

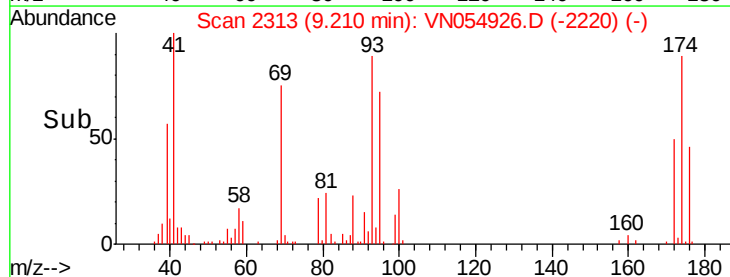
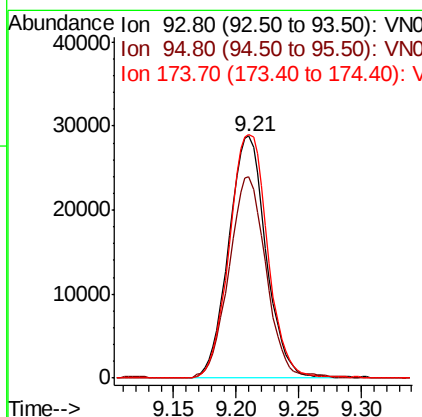
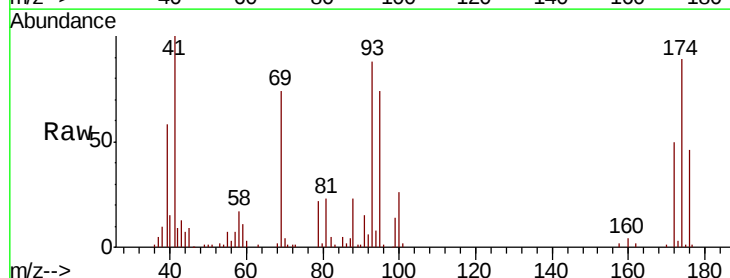
Instrument :
 MSVOA_N
 ClientSampleId :

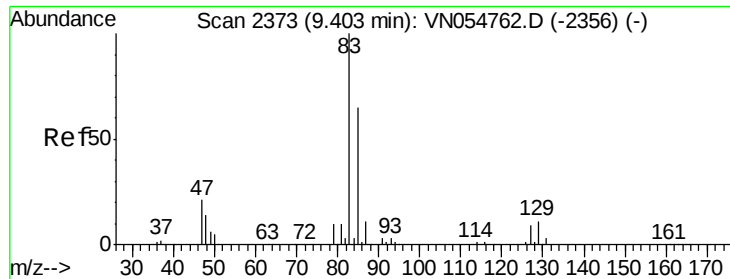
Tot Ion: 63 Resp: 108999
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6



#46
 Dibromomethane
 Concen: 20.920 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion: 93 Resp: 59764
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.7 100.1
 174 103.1 98.5 147.7





#47

Bromodichloromethane

Concen: 21.001 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

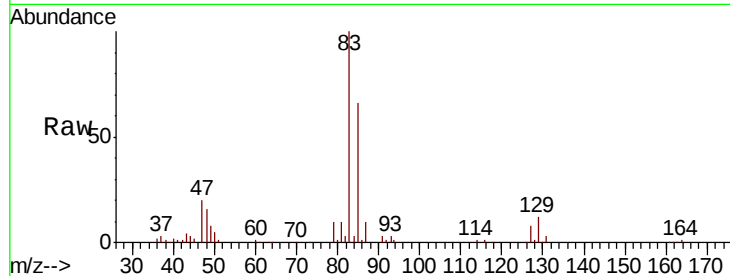
Tot Ion: 83 Resp: 124690

Ion Ratio Lower Upper

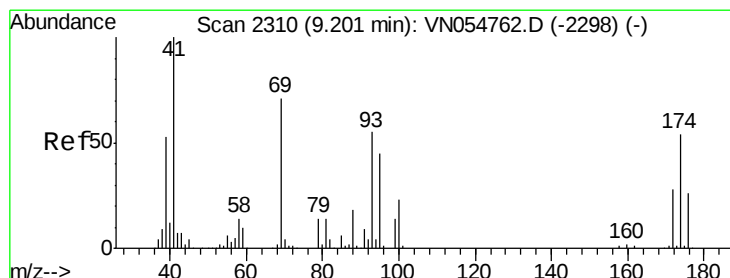
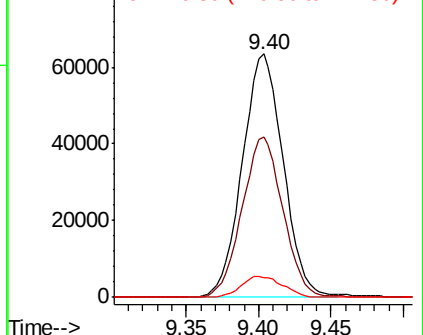
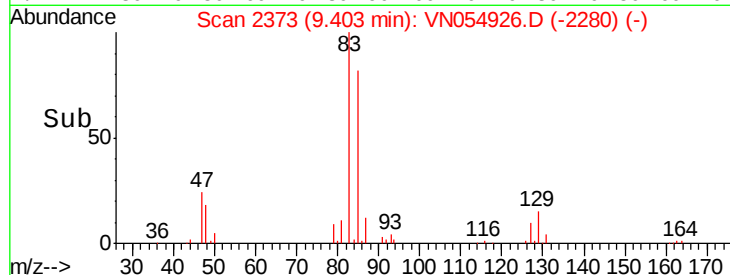
83 100

85 65.9 52.8 79.2

127 8.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054926.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.147 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

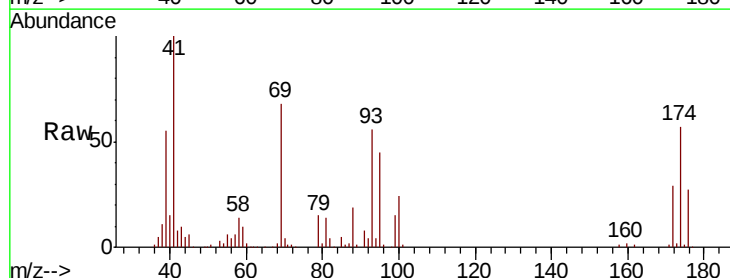
Tgt Ion: 41 Resp: 81001

Ion Ratio Lower Upper

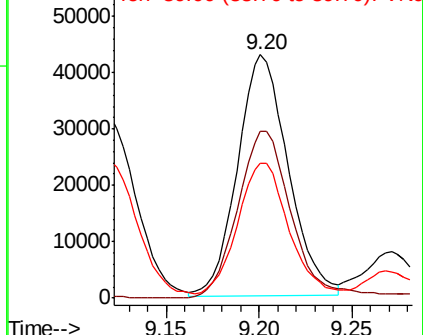
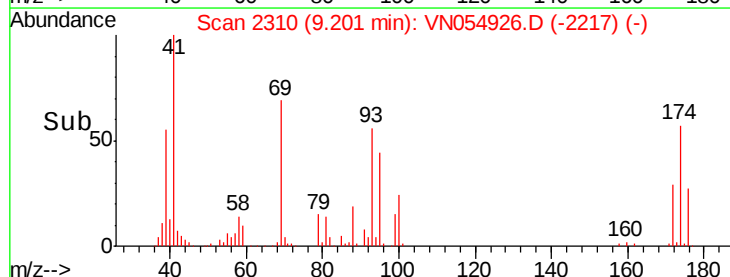
41 100

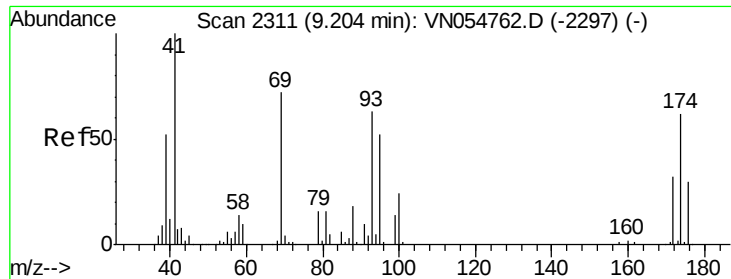
69 75.7 72.6 108.8

39 56.3 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VN054926.D (-2217) (-)

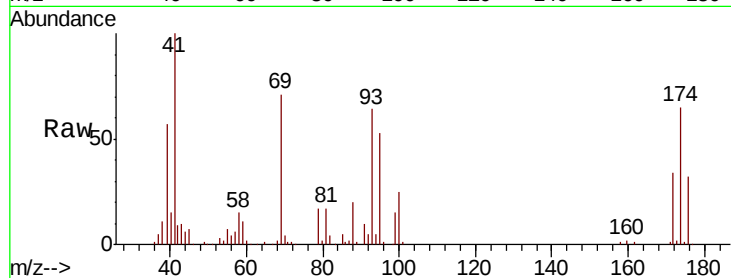




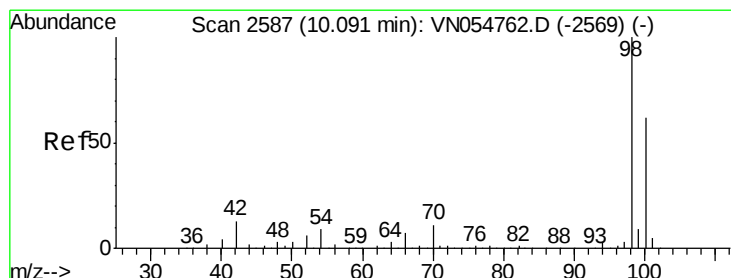
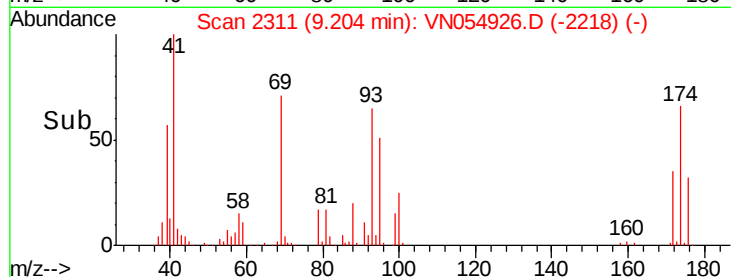
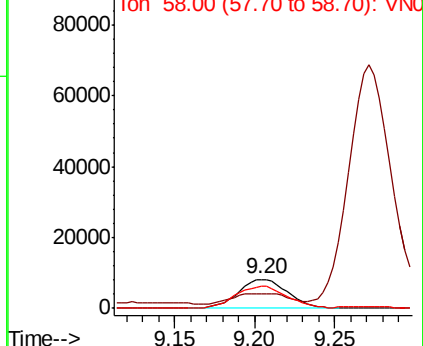
#49
 1,4-Dioxane
 Concen: 435.457 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 17371
 Ion Ratio Lower Upper
 88 100
 43 39.0 24.1 36.1#
 58 79.6 50.8 76.2#

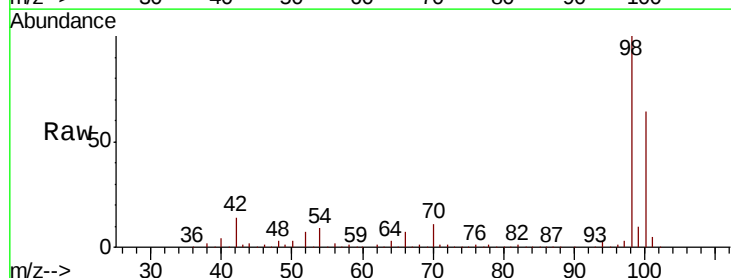


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

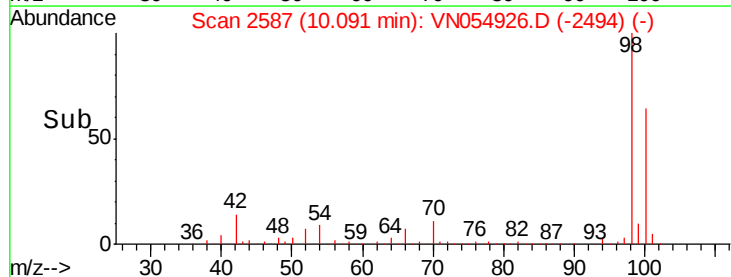
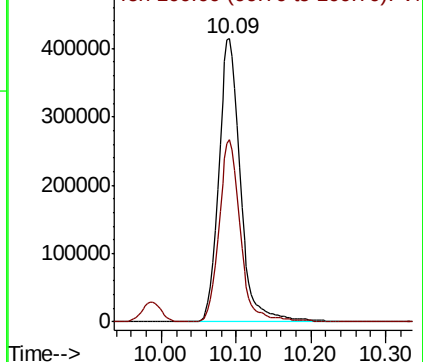


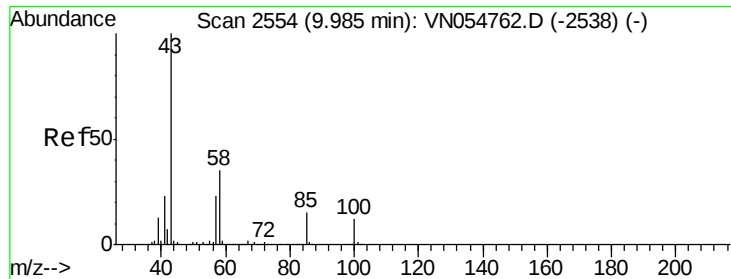
#50
 Toluene-d8
 Concen: 50.067 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion: 98 Resp: 828961
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.2 76.8



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

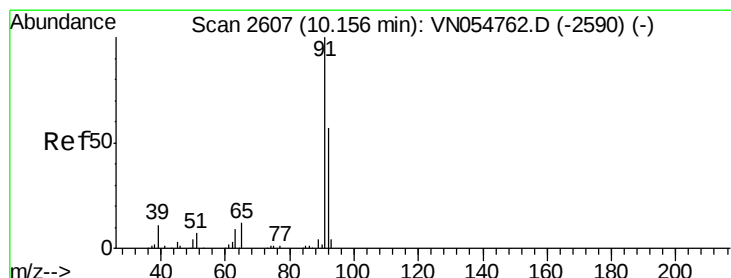
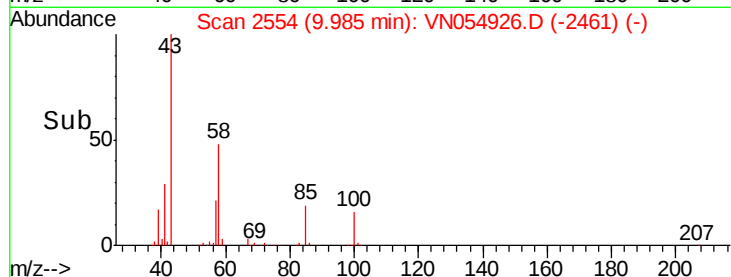
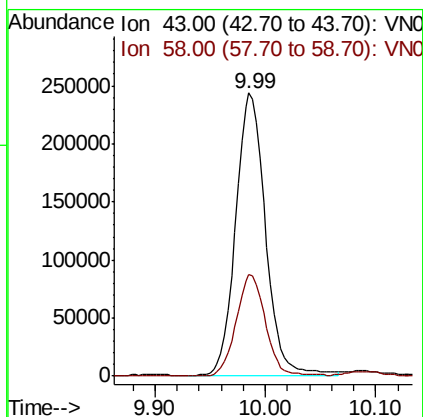
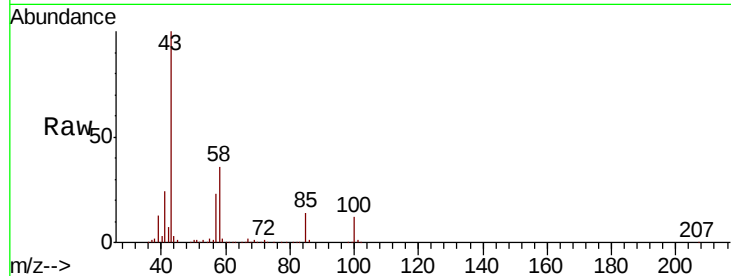




#51
 4-Methyl-2-Pentanone
 Concen: 108.576 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

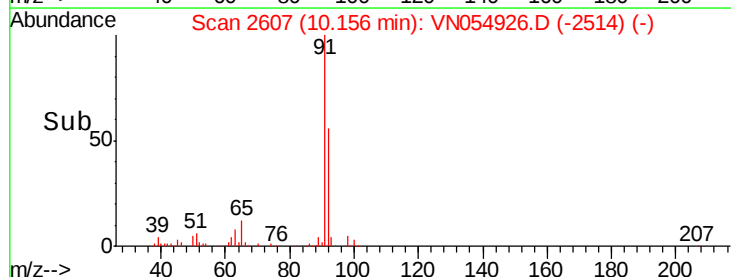
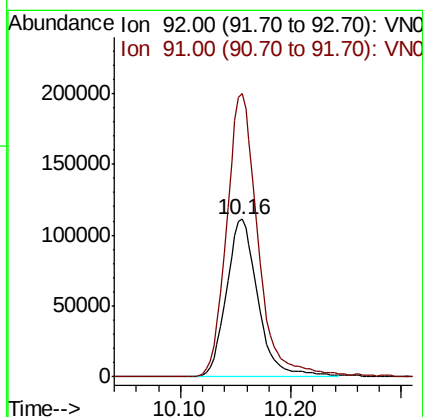
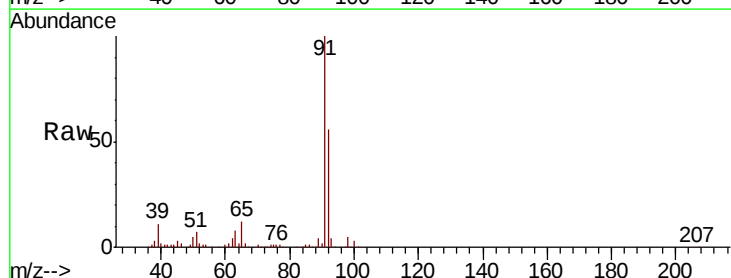
Instrument :
 MSVOA_N
 ClientSampled :

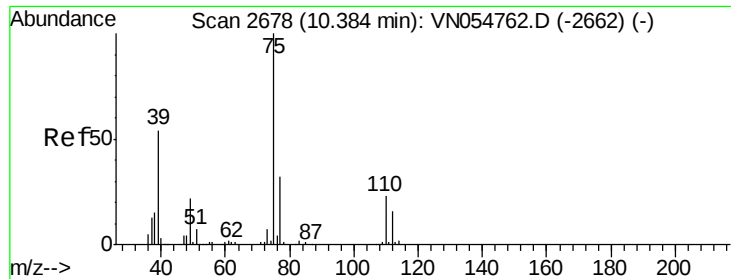
Tot Ion: 43 Resp: 452746
 Ion Ratio Lower Upper
 43 100
 58 35.8 31.8 47.6



#52
 Toluene
 Concen: 20.827 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion: 92 Resp: 220727
 Ion Ratio Lower Upper
 92 100
 91 178.8 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 20.507 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

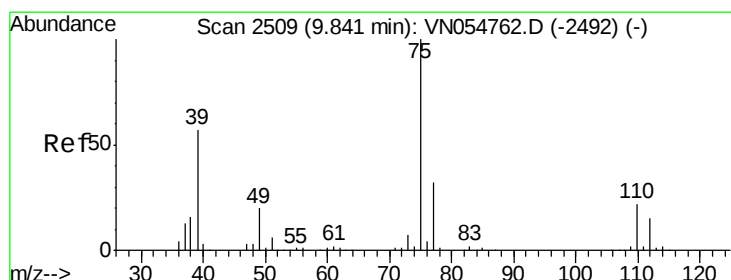
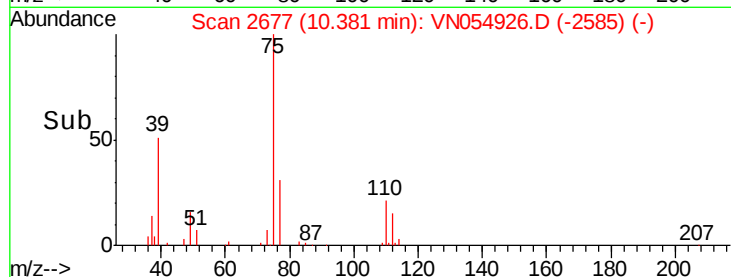
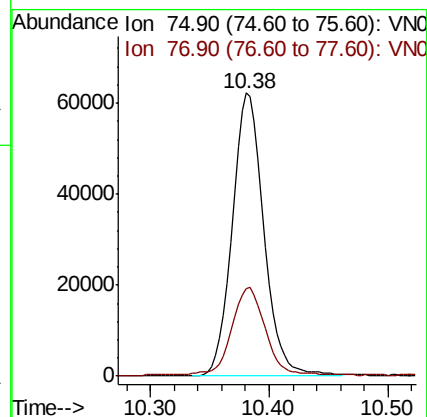
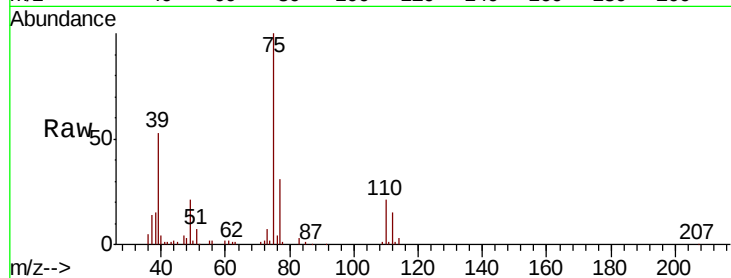
ClientSampleId :

Tot Ion: 75 Resp: 114533

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 21.275 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

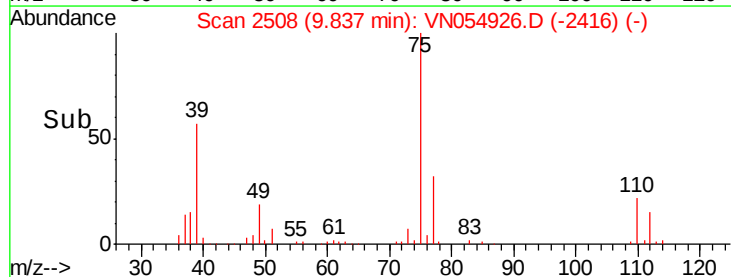
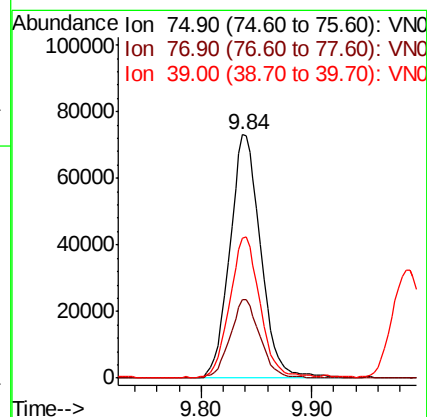
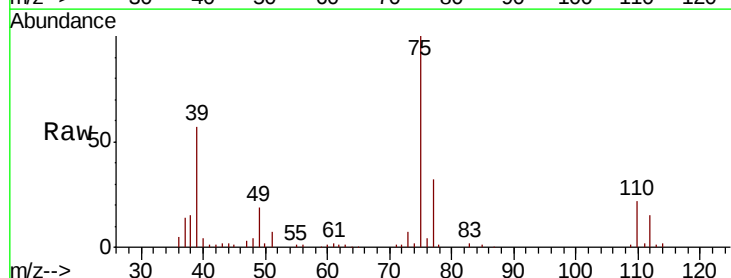
Tgt Ion: 75 Resp: 141942

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 57.1 37.2 55.8#

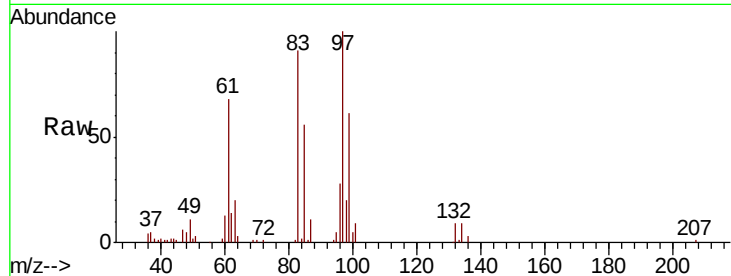




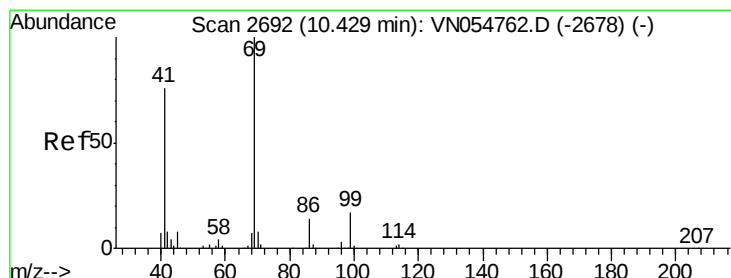
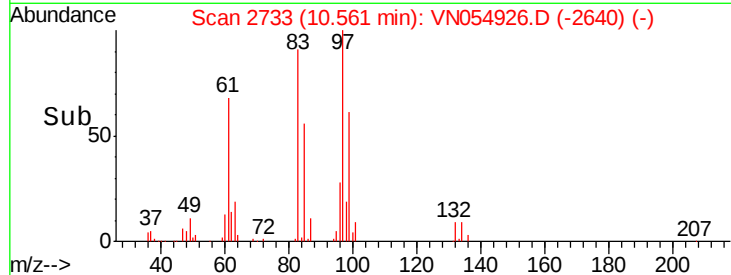
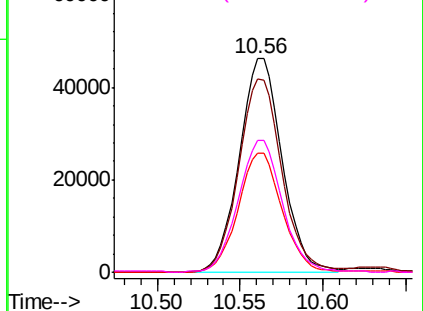
#55
 1,1,2-Trichloroethane
 Concen: 20.988 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	82709
Ion	Ratio	Lower	Upper
97	100		
83	90.7	66.6	100.0
85	55.8	44.4	66.6
99	61.1	50.8	76.2

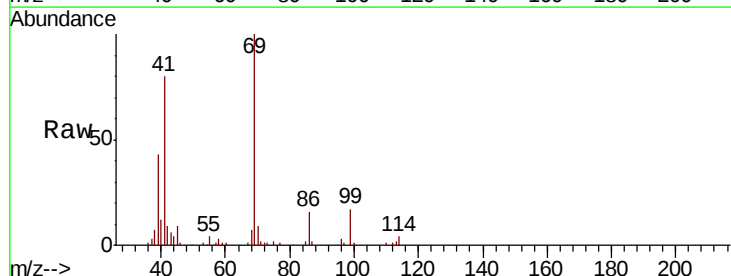


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

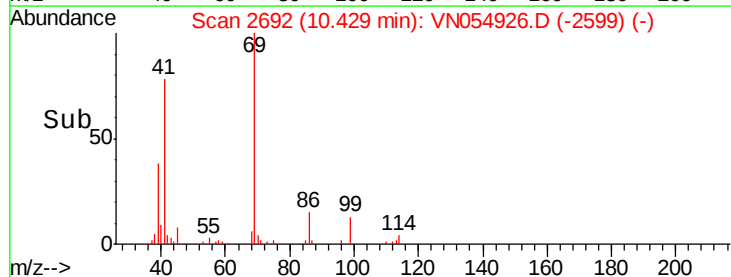
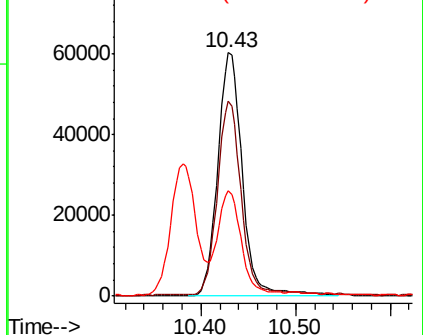


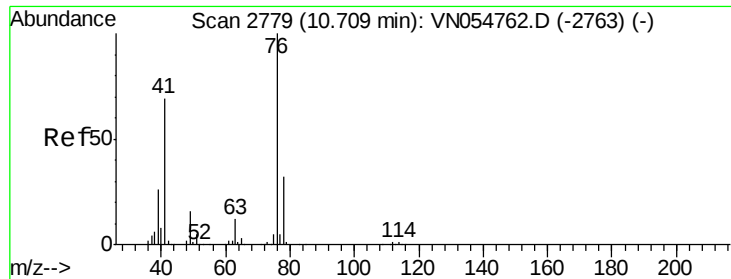
#56
 Ethyl methacrylate
 Concen: 21.086 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion:	69	Resp:	109001
Ion	Ratio	Lower	Upper
69	100		
41	76.0	49.4	74.2#
39	40.2	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 22.063 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

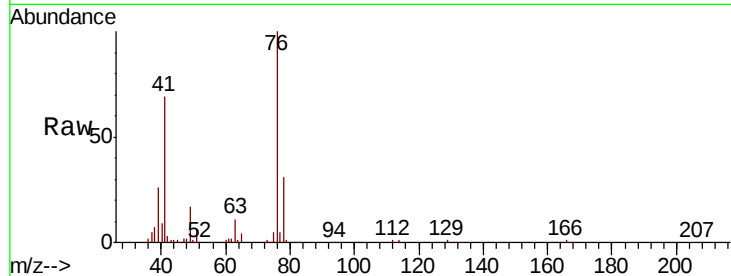
ClientSampled :

Tot Ion: 76 Resp: 149474

Ion Ratio Lower Upper

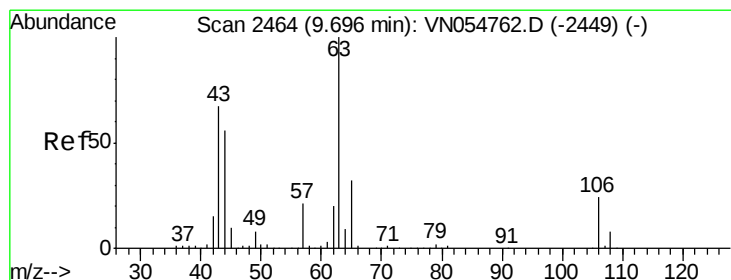
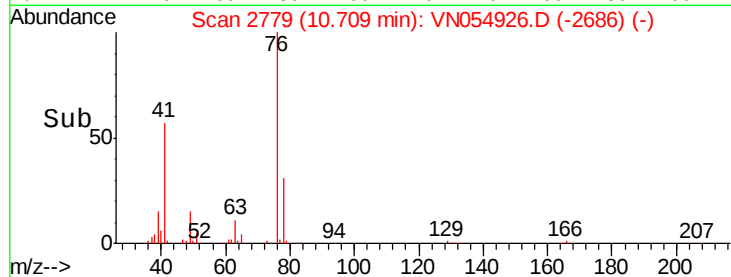
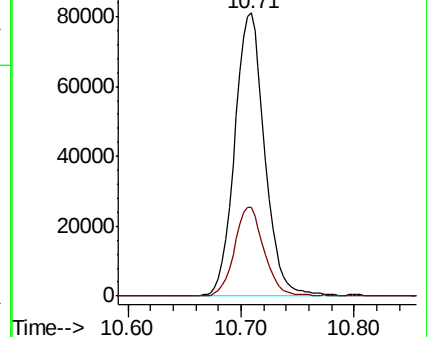
76 100

78 30.8 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 103.012 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054926.D

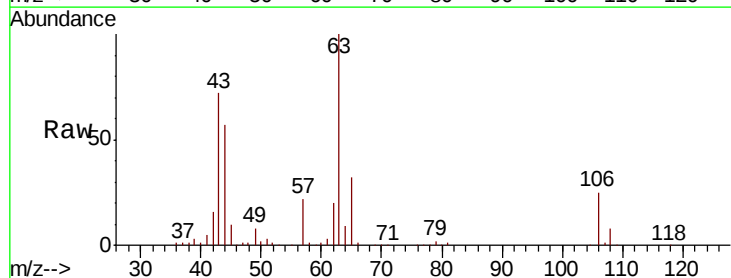
Acq: 3 Apr 2019 15:07

Tgt Ion: 63 Resp: 215241

Ion Ratio Lower Upper

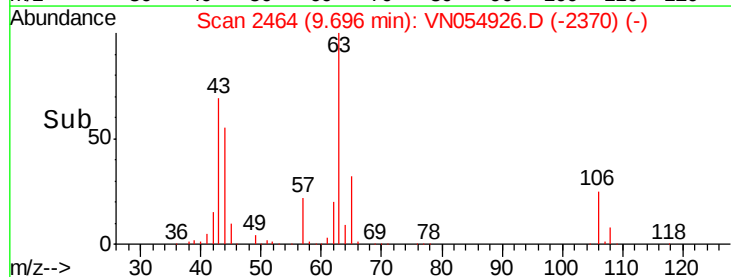
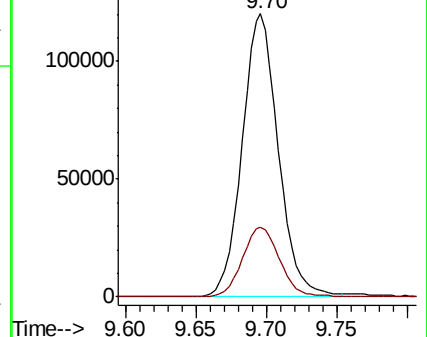
63 100

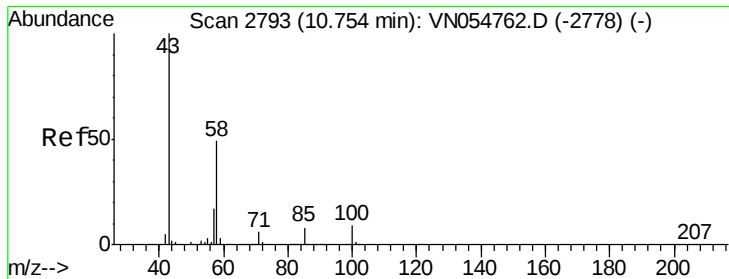
106 25.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

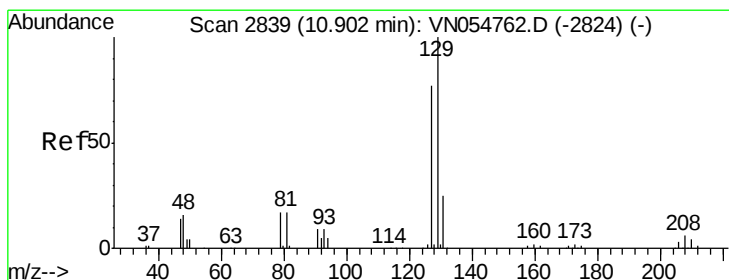
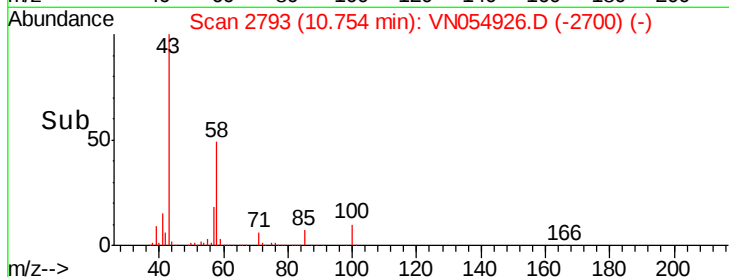
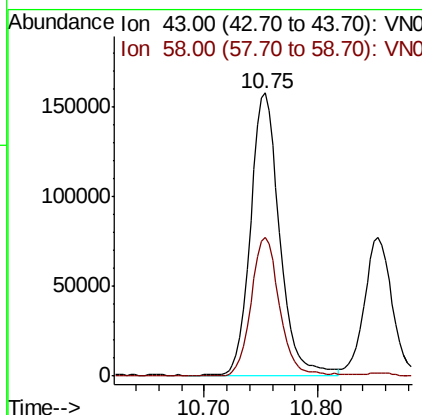
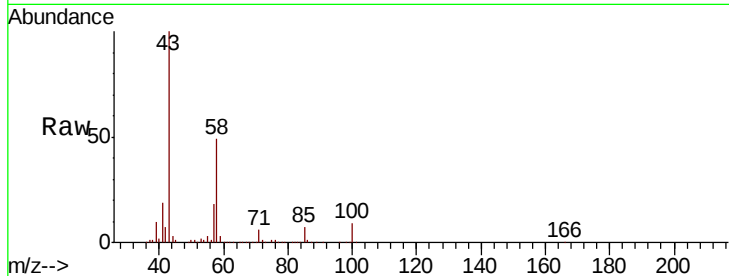




#59
2-Hexanone
Concen: 105.064 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

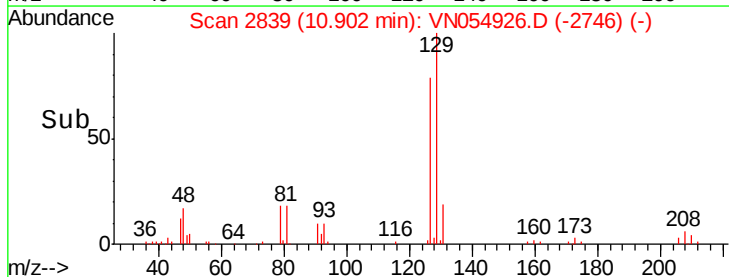
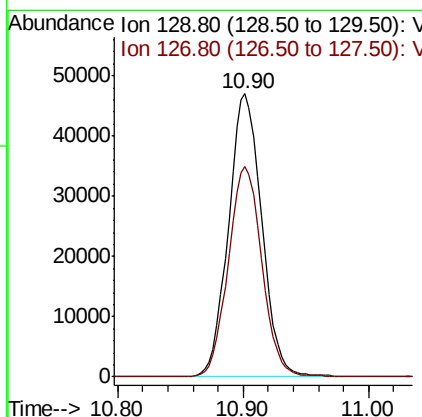
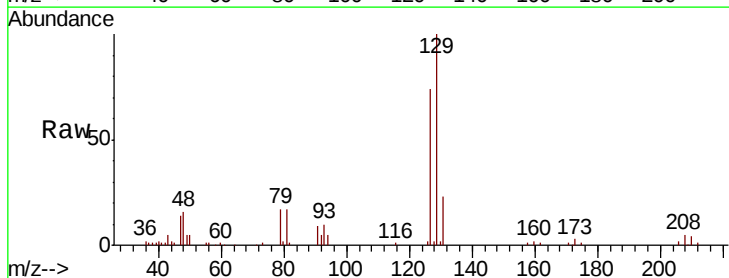
Instrument :
MSVOA_N
ClientSampleId :

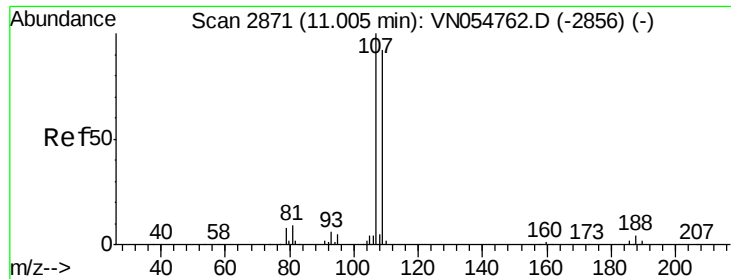
Tot Ion: 43 Resp: 280456
Ion Ratio Lower Upper
43 100
58 48.1 28.0 83.9



#60
Dibromochloromethane
Concen: 21.727 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion:129 Resp: 86729
Ion Ratio Lower Upper
129 100
127 75.1 38.6 115.8

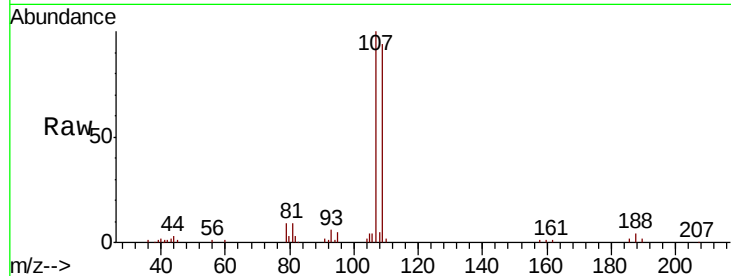




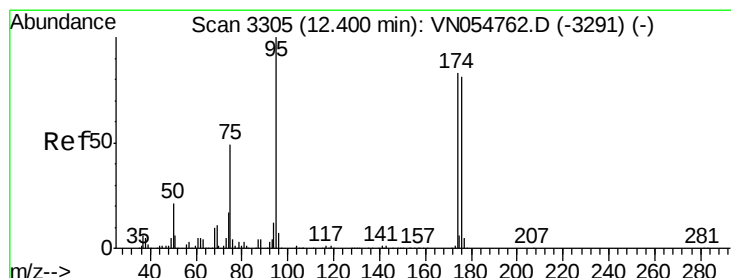
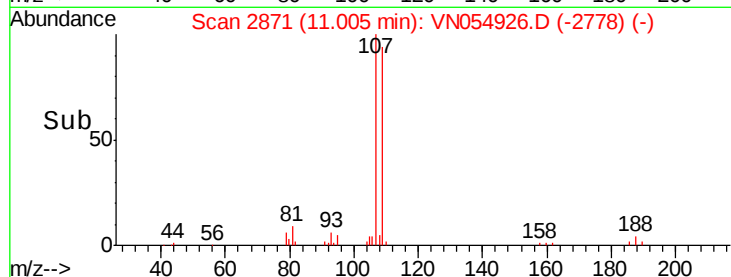
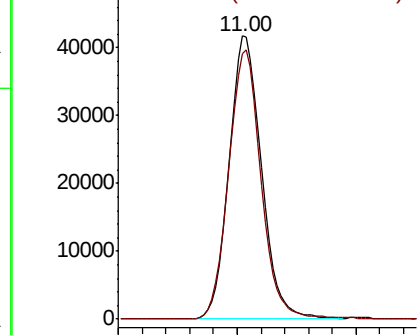
#61
 1,2-Dibromoethane
 Concen: 20.924 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 78797
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9

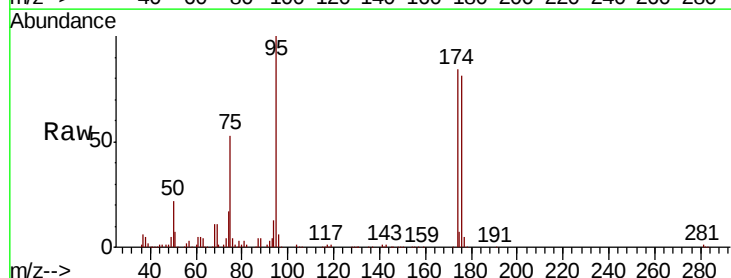


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

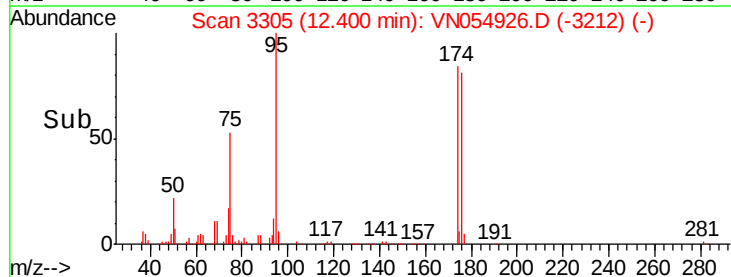
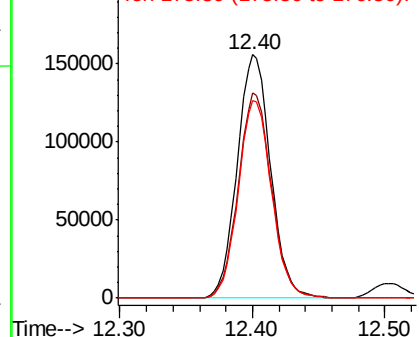


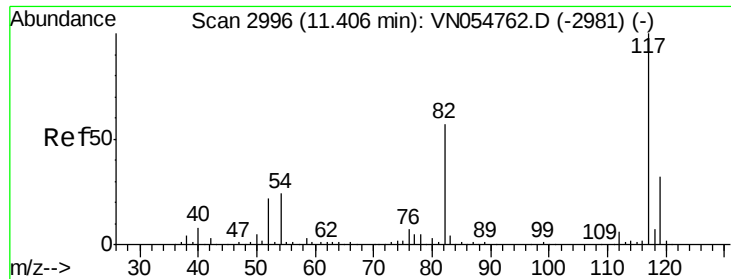
#62
 4-Bromofluorobenzene
 Concen: 49.542 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion: 95 Resp: 272803
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 191.0
 176 81.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): V
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

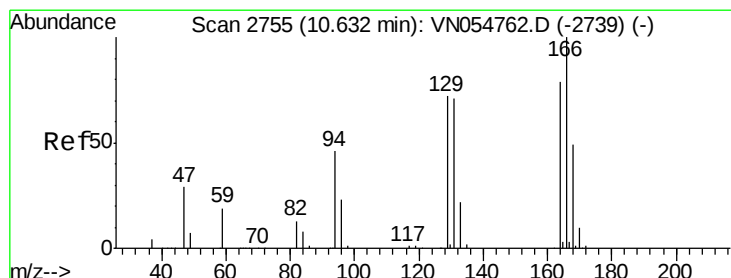
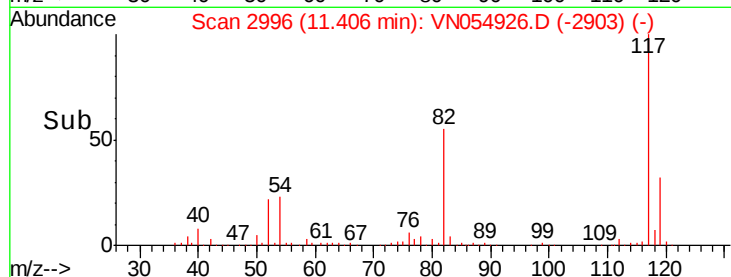
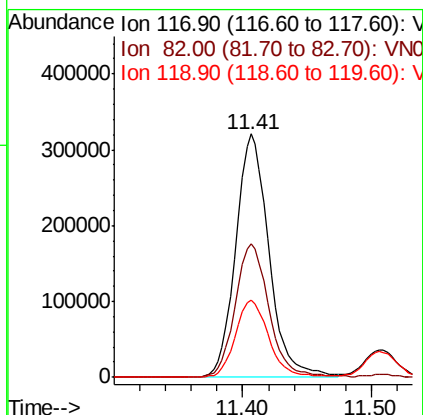
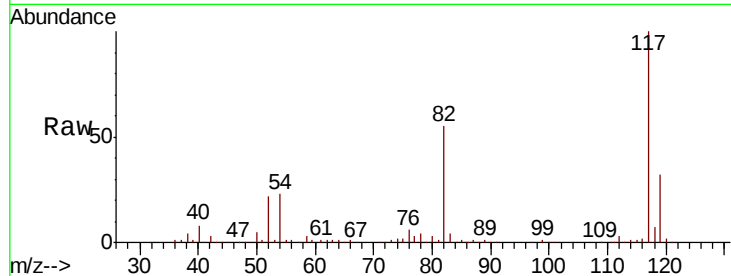




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

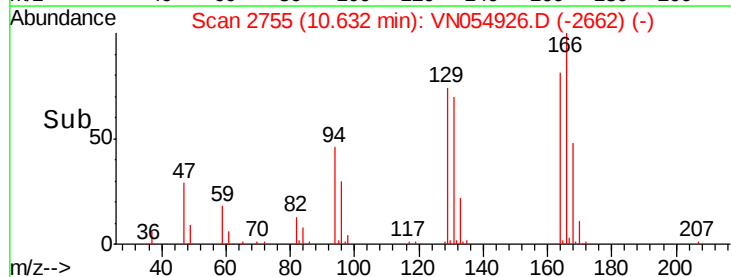
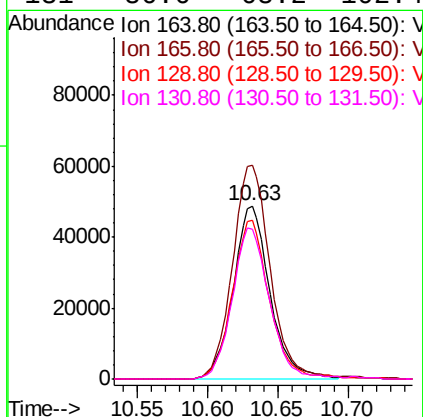
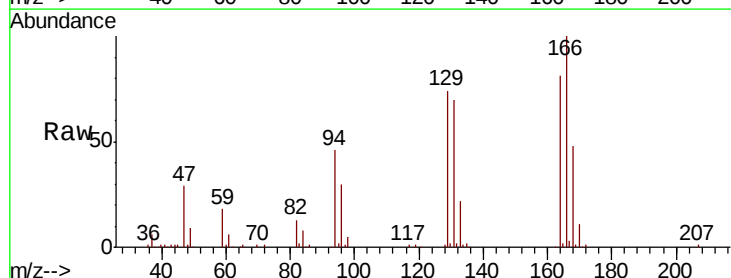
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 575878
Ion Ratio Lower Upper
117 100
82 54.7 40.0 60.0
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 20.114 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion:164 Resp: 88884
Ion Ratio Lower Upper
164 100
166 123.6 103.9 155.9
129 91.9 71.1 106.7
131 86.6 68.2 102.4

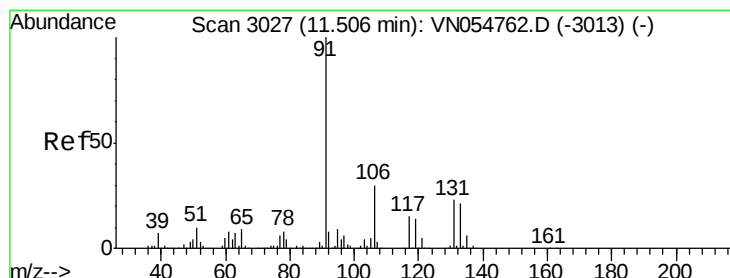
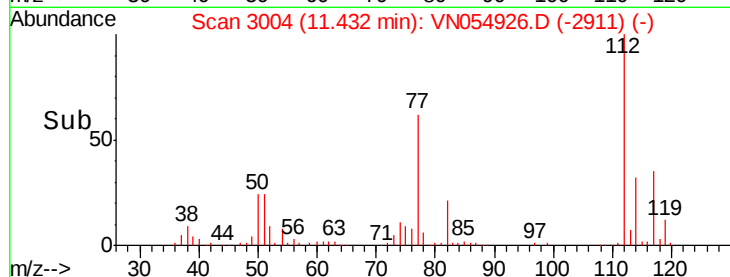
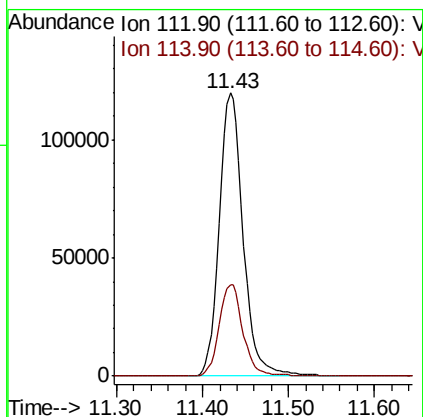
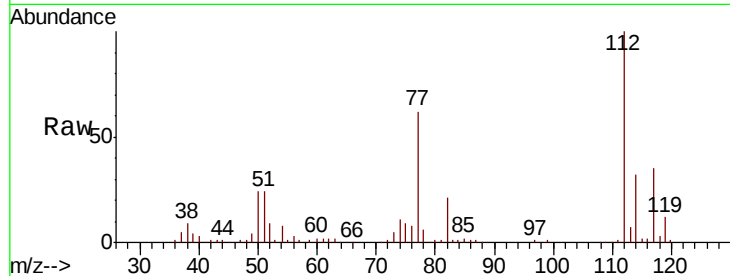




#65
Chlorobenzene
Concen: 20.496 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

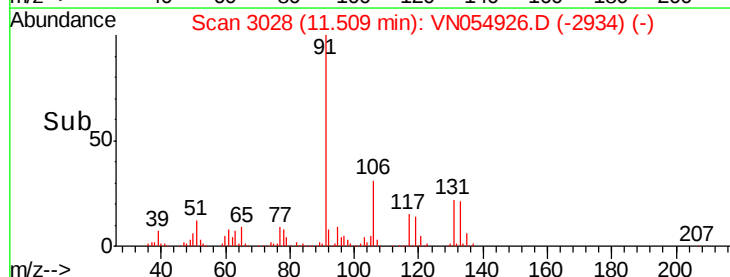
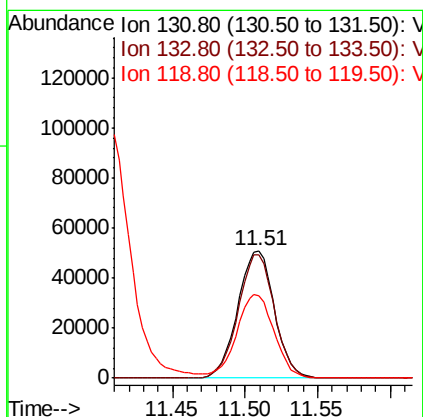
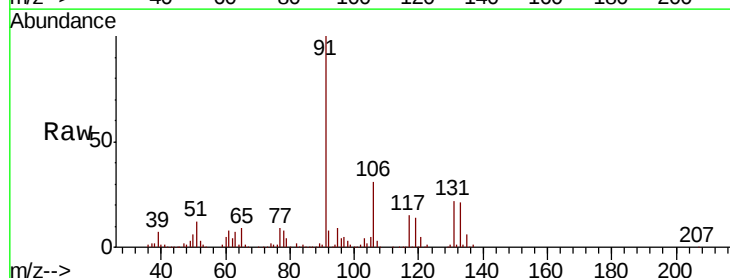
Instrument :
MSVOA_N
ClientSampleId :

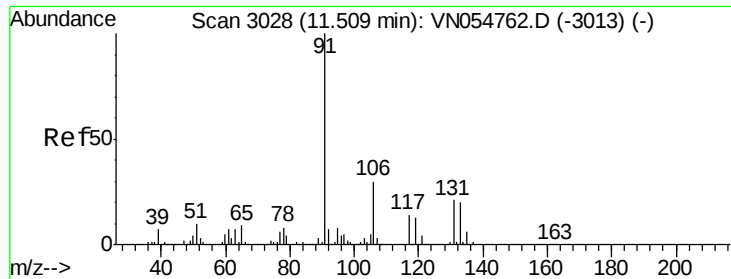
Tot Ion:112 Resp: 231093
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.188 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion:131 Resp: 89419
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 67.1 32.4 97.0





#67

Ethyl Benzene

Concen: 20.376 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

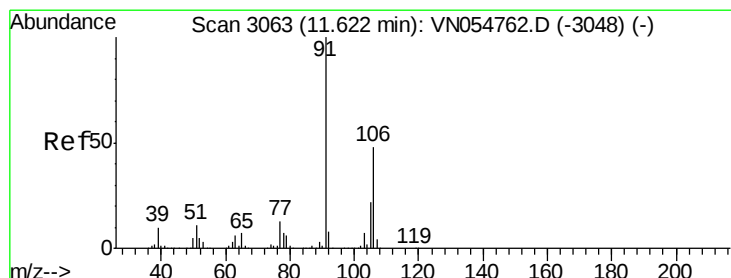
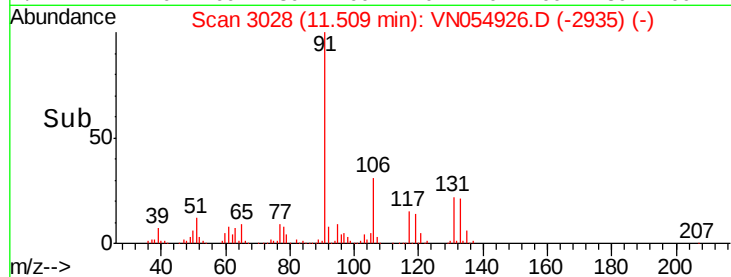
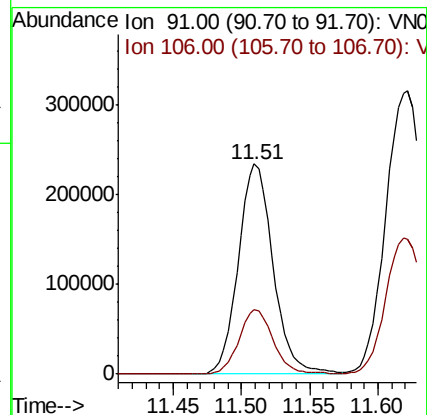
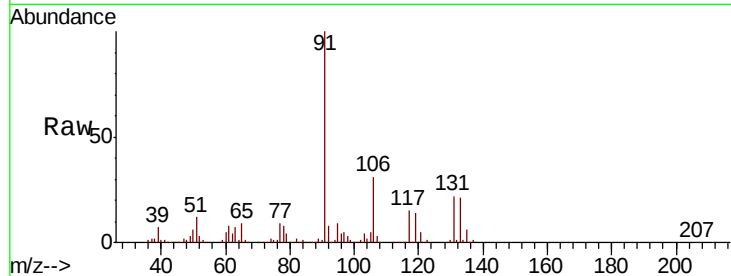
ClientSampled :

Tot Ion: 91 Resp: 414581

Ion Ratio Lower Upper

91 100

106 30.7 25.5 38.3



#68

m/p-Xylenes

Concen: 40.713 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054926.D

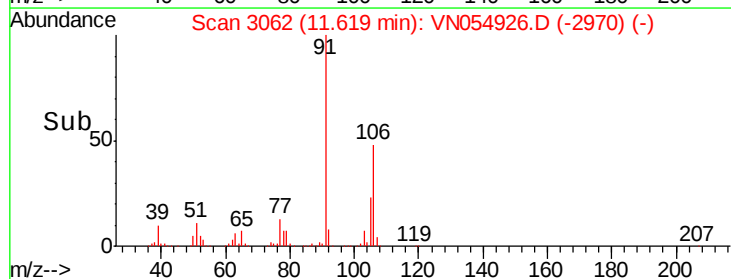
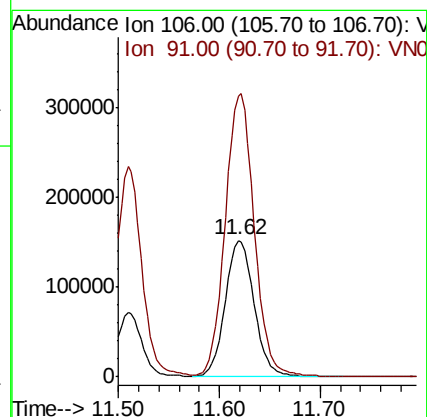
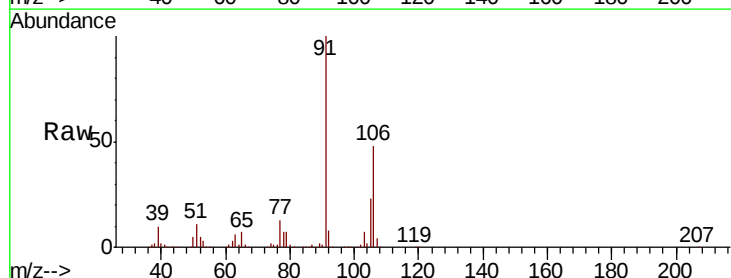
Acq: 3 Apr 2019 15:07

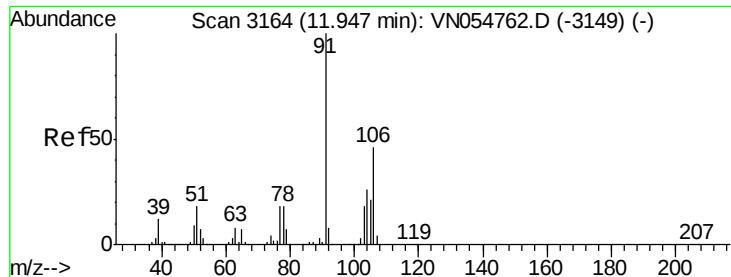
Tgt Ion: 106 Resp: 306551

Ion Ratio Lower Upper

106 100

91 208.5 159.4 239.2

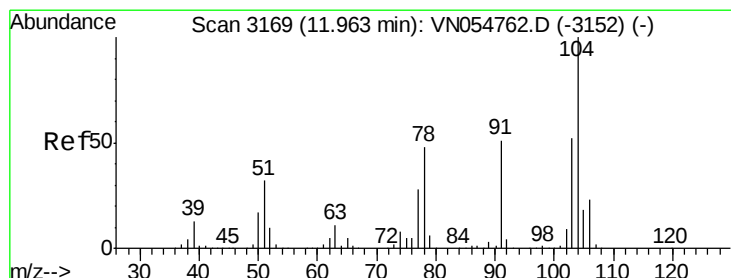
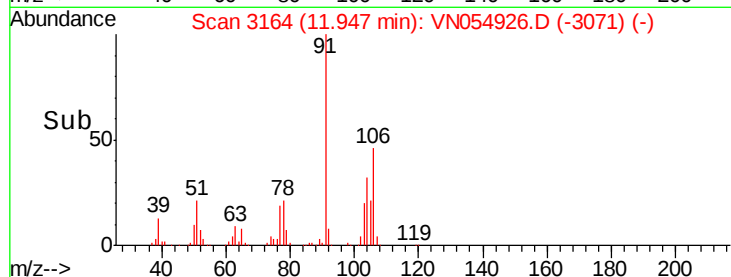
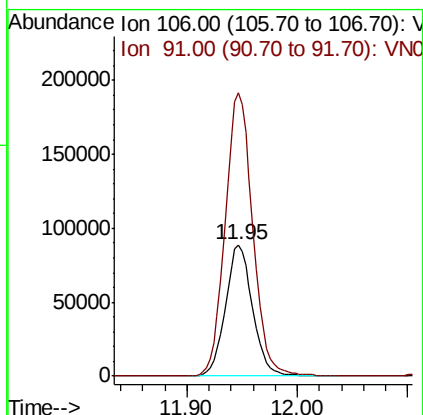
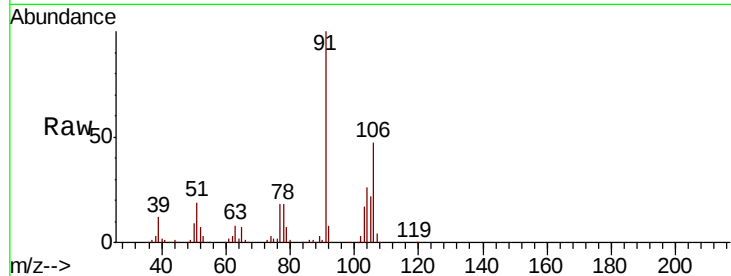




#69
o-Xylene
Concen: 20.433 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

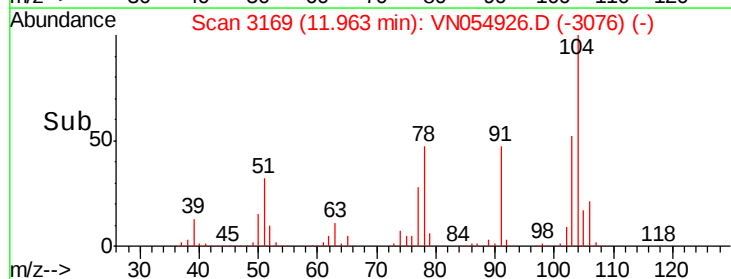
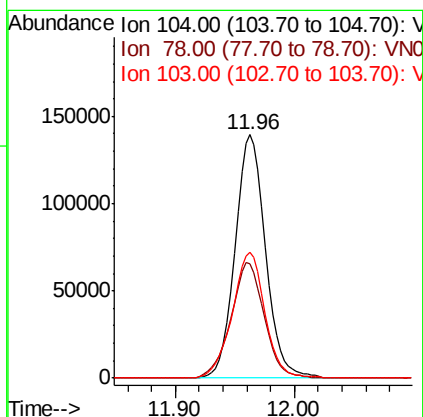
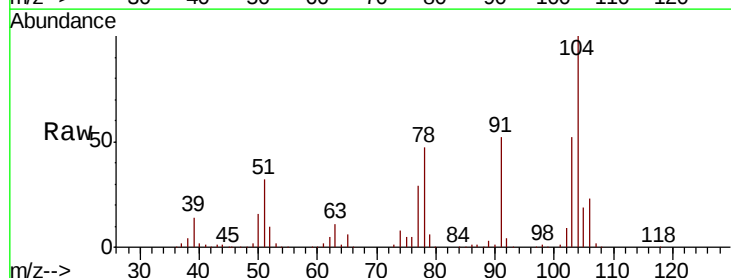
Instrument :
MSVOA_N
ClientSampled :

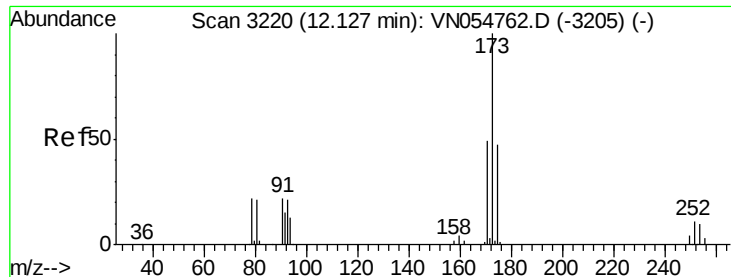
Tot Ion:106 Resp: 150865
Ion Ratio Lower Upper
106 100
91 220.2 105.7 317.1



#70
Styrene
Concen: 20.900 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion:104 Resp: 246732
Ion Ratio Lower Upper
104 100
78 52.1 38.2 57.2
103 55.6 44.4 66.6

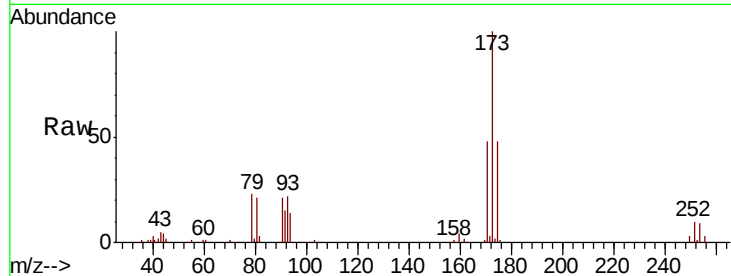




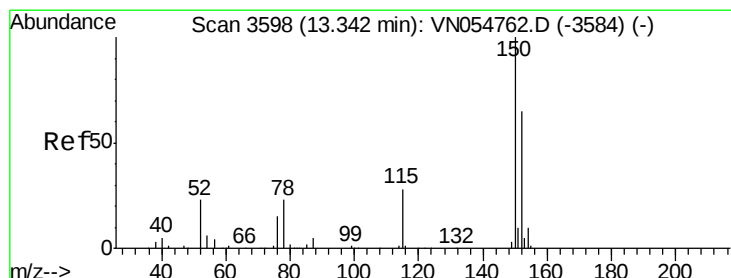
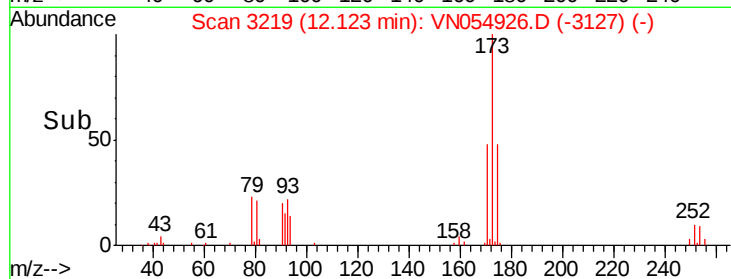
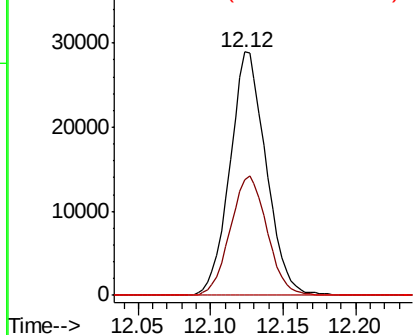
#71
Bromoform
Concen: 20.244 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 50050
Ion Ratio Lower Upper
173 100
175 49.6 24.4 73.2
254 0.0 0.1 0.1#

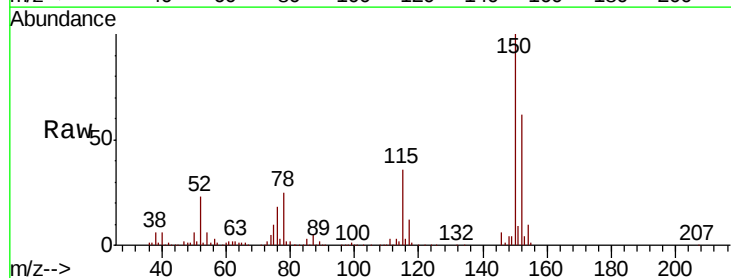


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

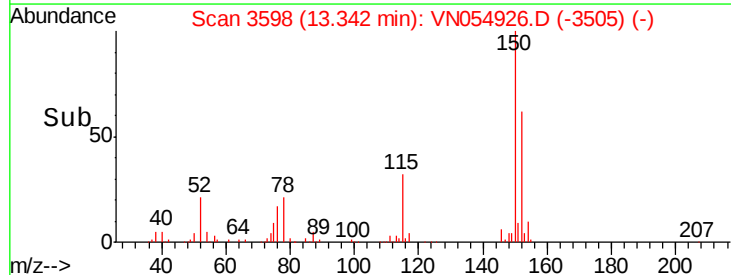
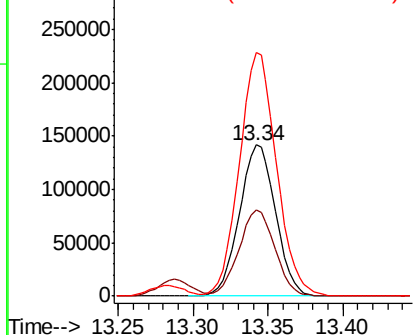


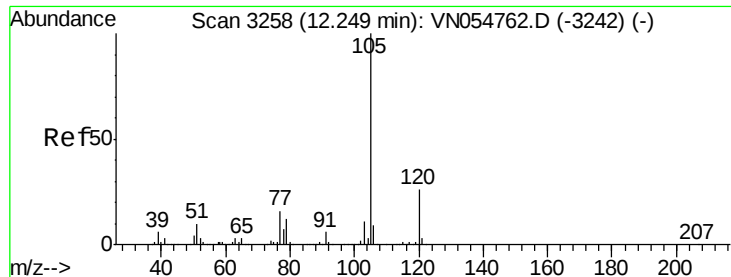
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054926.D
Acq: 3 Apr 2019 15:07

Tgt Ion:152 Resp: 238134
Ion Ratio Lower Upper
152 100
115 56.9 27.2 81.6
150 165.7 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.674 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

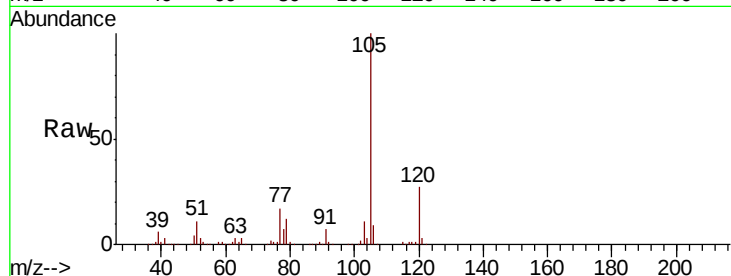
ClientSampled :

Tot Ion:105 Resp: 402409

Ion Ratio Lower Upper

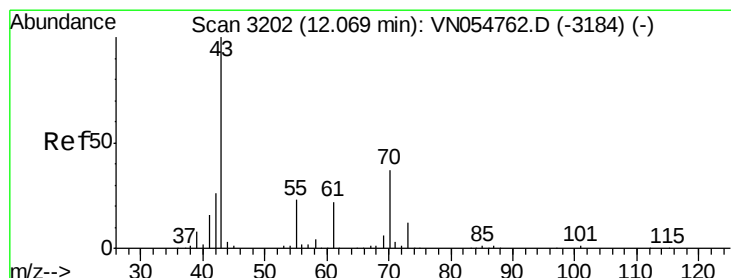
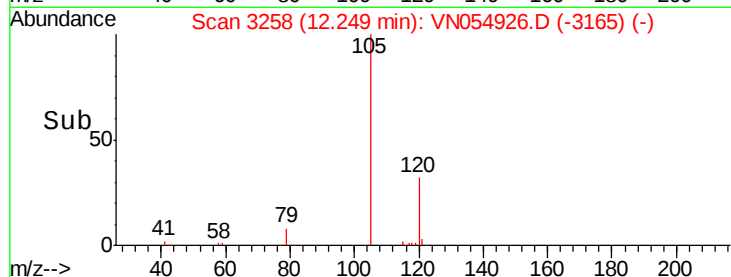
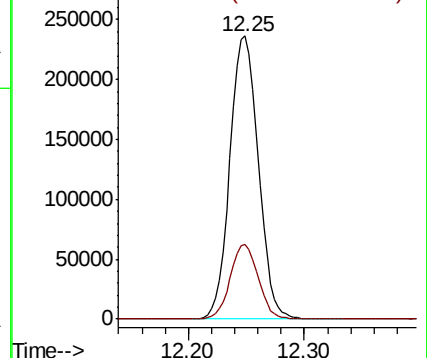
105 100

120 25.9 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.450 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Tgt Ion: 43 Resp: 124006

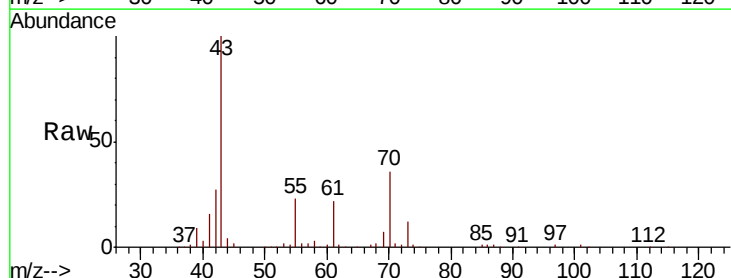
Ion Ratio Lower Upper

43 100

70 36.4 35.4 53.0

55 24.1 19.8 29.6

61 21.9 19.8 29.6

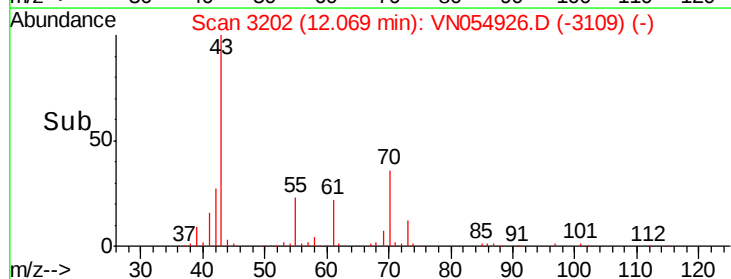
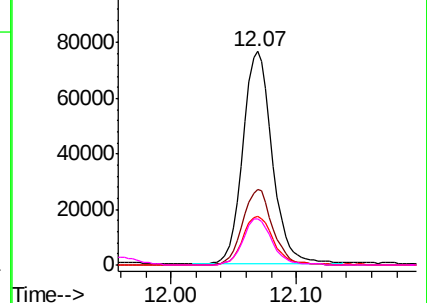


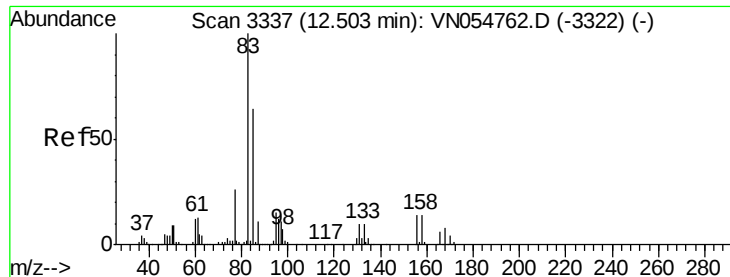
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.015 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

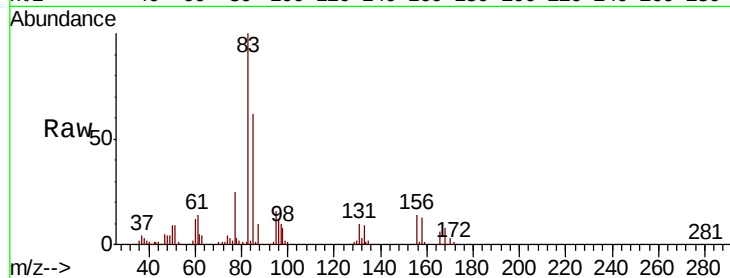
Tot Ion: 83 Resp: 102720

Ion Ratio Lower Upper

83 100

131 10.1 5.8 17.4

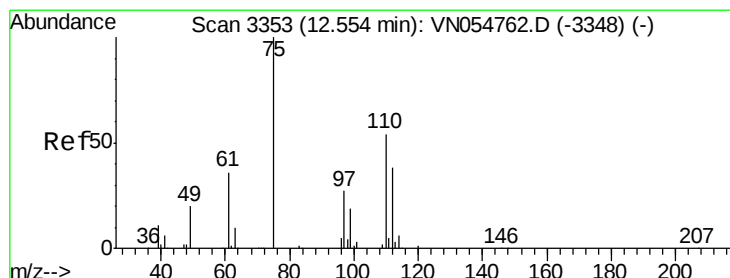
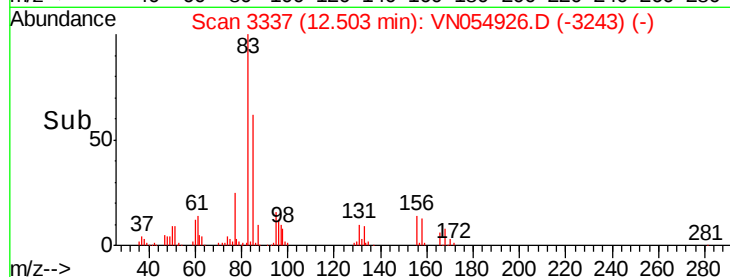
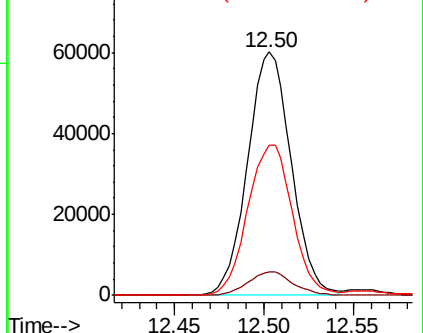
85 63.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.712 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN054926.D

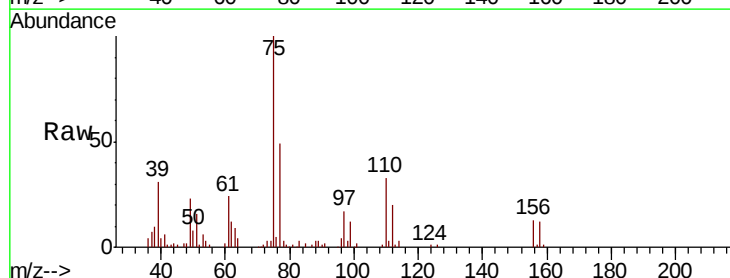
Acq: 3 Apr 2019 15:07

Tgt Ion: 75 Resp: 118778

Ion Ratio Lower Upper

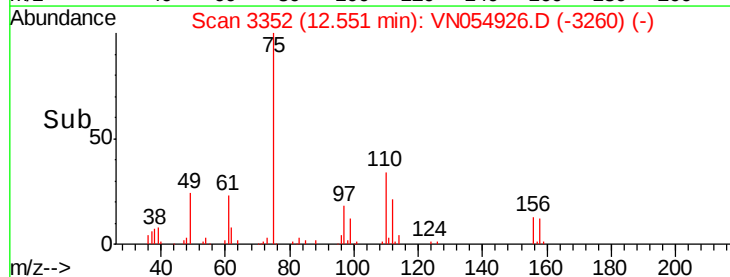
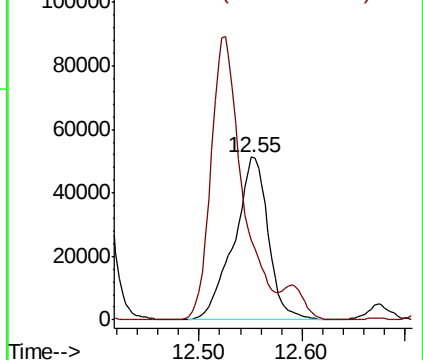
75 100

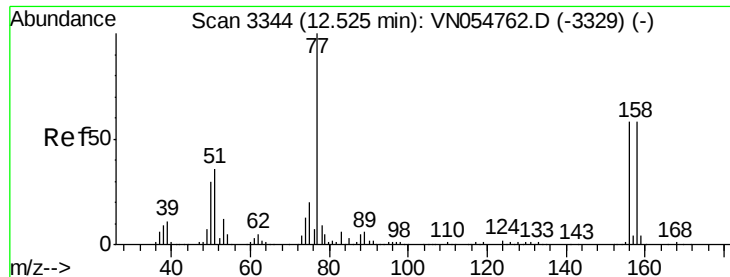
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.036 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

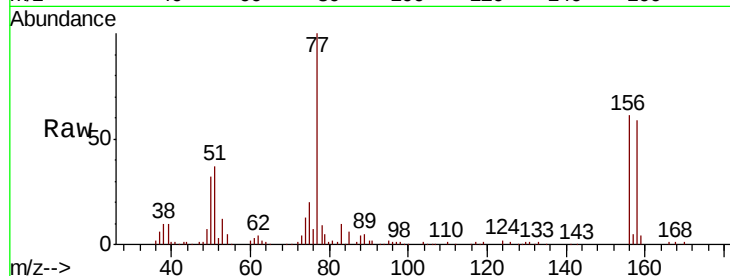
Tot Ion:156 Resp: 98817

Ion Ratio Lower Upper

156 100

77 190.7 81.5 244.4

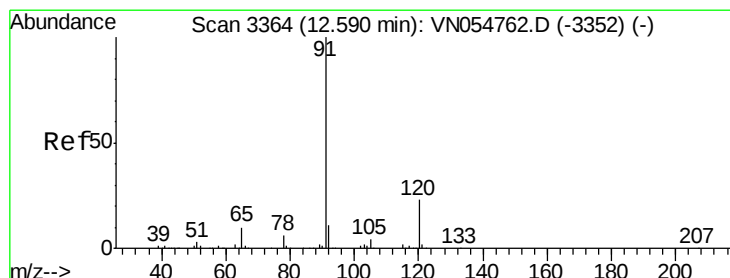
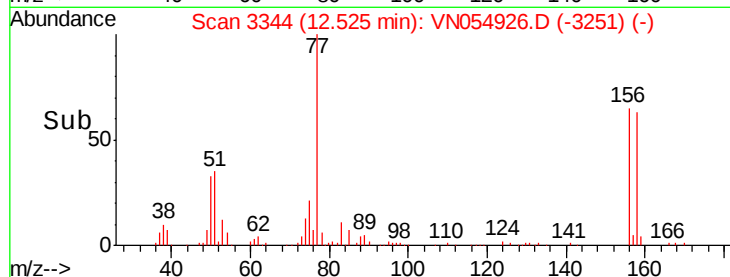
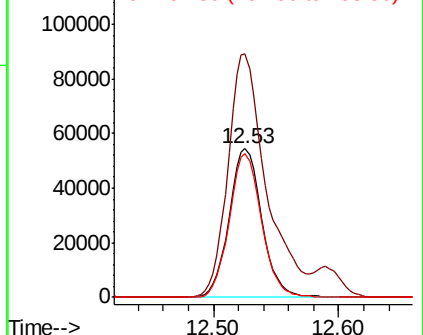
158 95.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.711 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054926.D

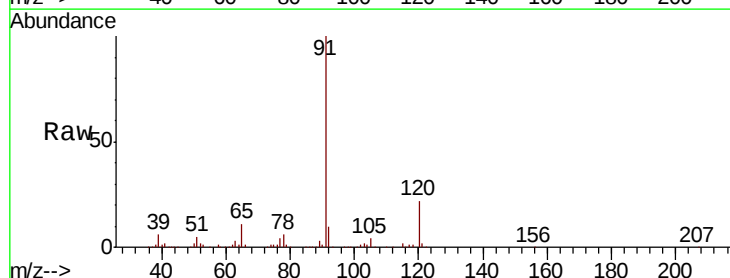
Acq: 3 Apr 2019 15:07

Tgt Ion: 91 Resp: 443066

Ion Ratio Lower Upper

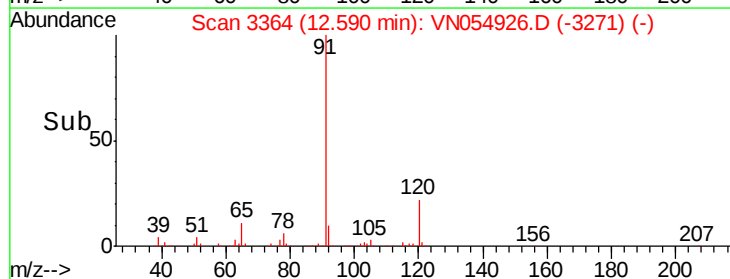
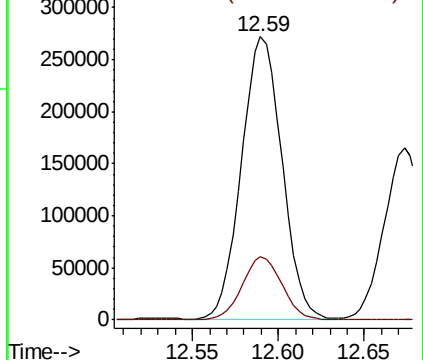
91 100

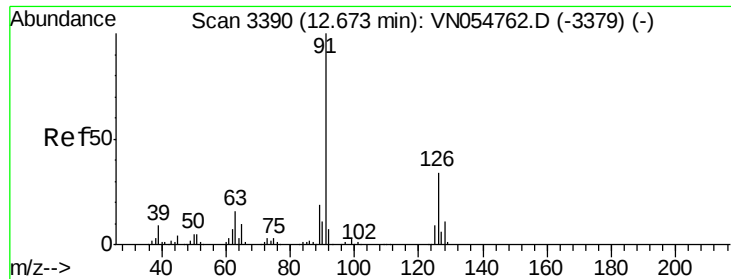
120 22.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.873 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

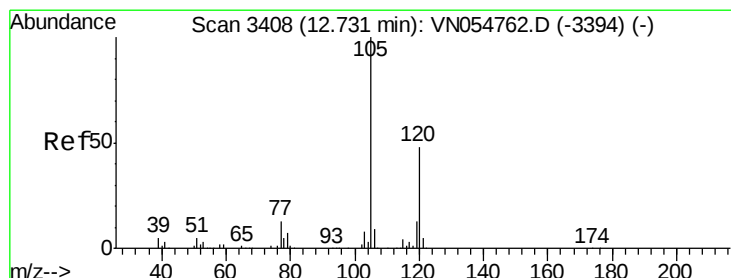
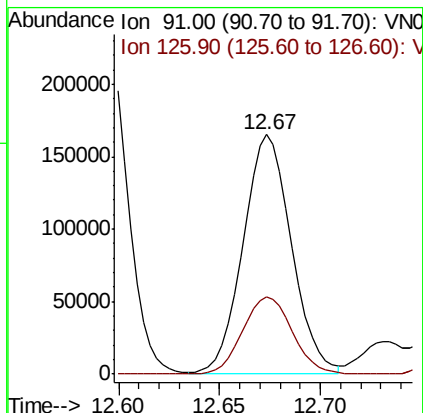
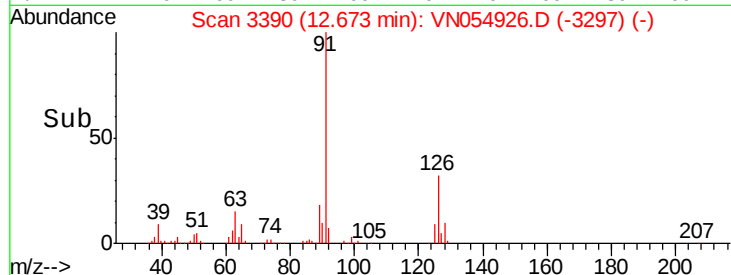
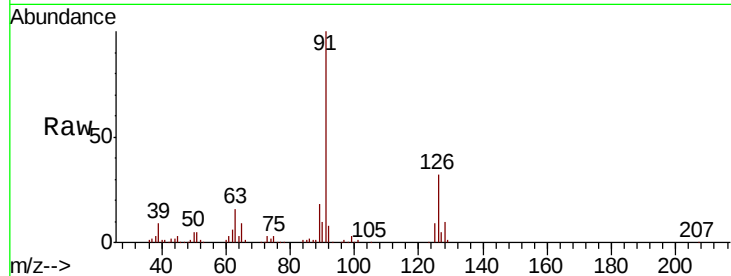
ClientSampled :

Tot Ion: 91 Resp: 276256

Ion Ratio Lower Upper

91 100

126 33.5 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 20.873 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054926.D

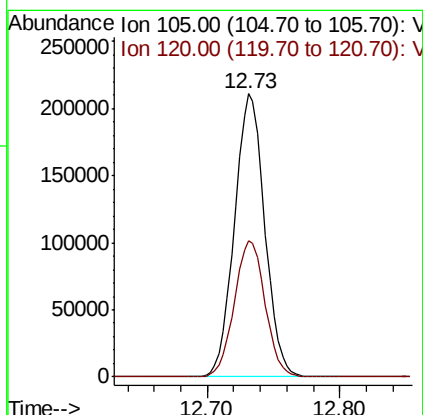
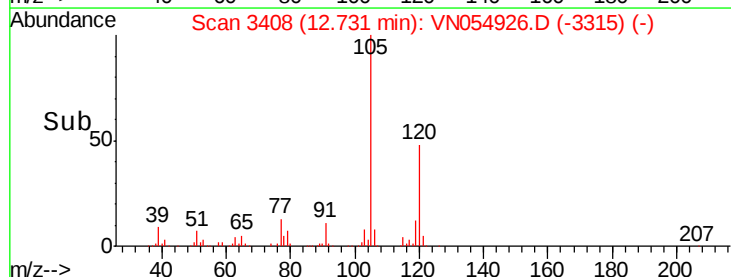
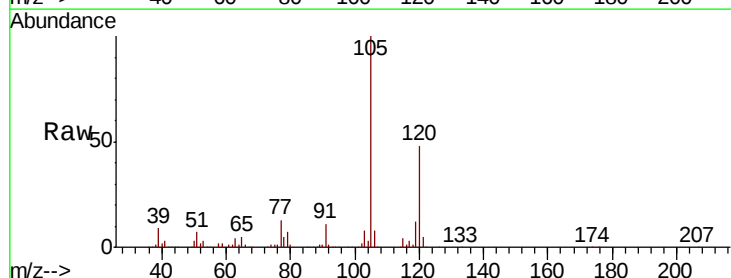
Acq: 3 Apr 2019 15:07

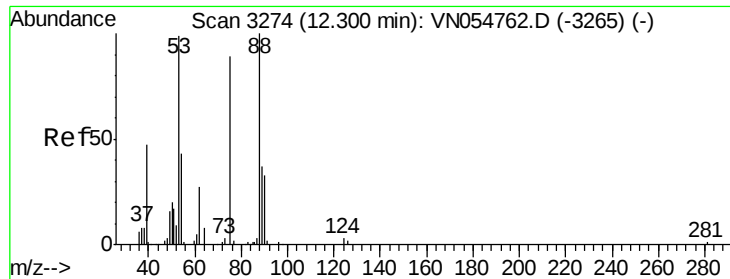
Tgt Ion:105 Resp: 333359

Ion Ratio Lower Upper

105 100

120 49.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.510 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

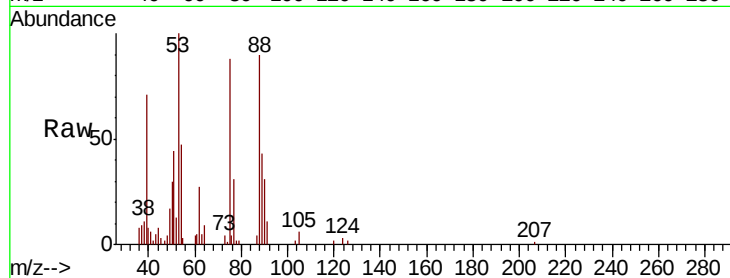
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 20750

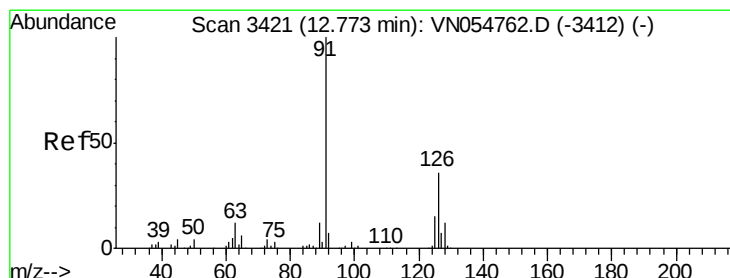
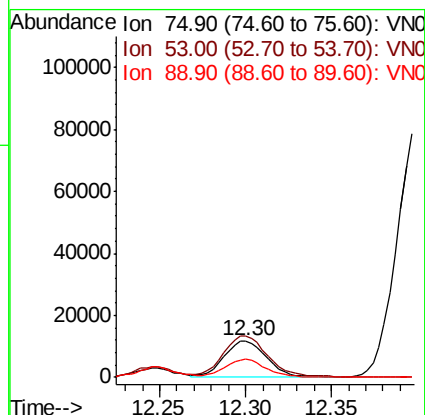
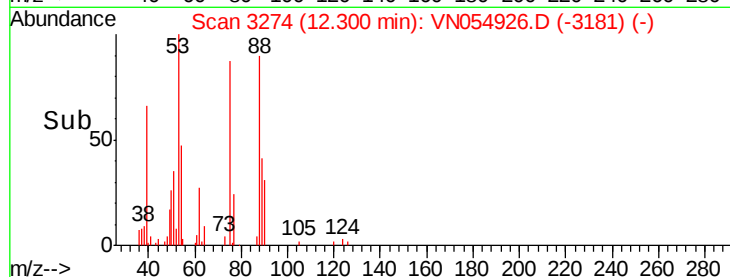
Ion	Ratio	Lower	Upper
75	100		
53	112.3	76.2	114.2
89	47.2	39.2	58.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.298 ug/l

RT: 12.77 min Scan# 3421

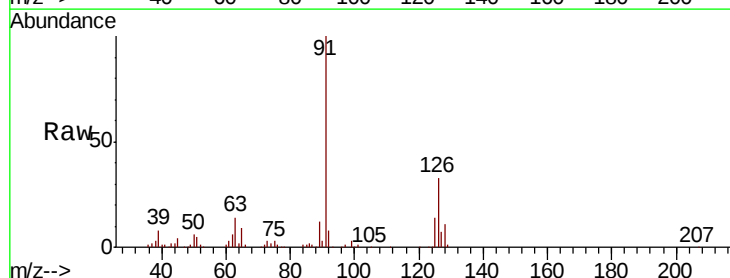
Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

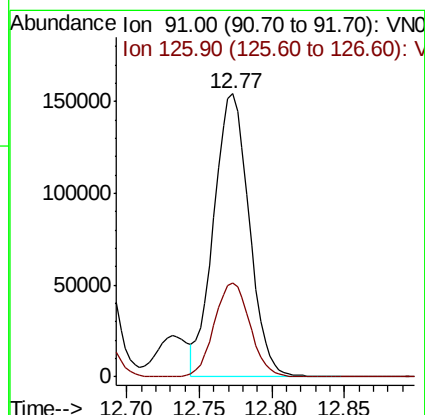
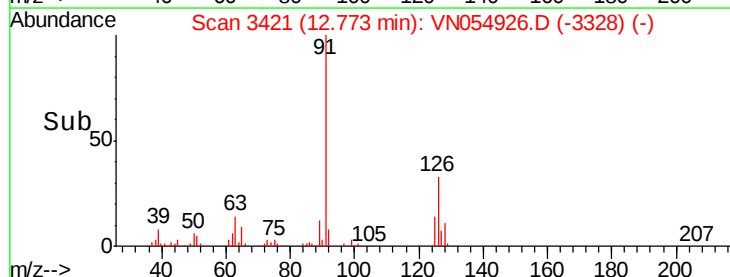
Tgt Ion: 91 Resp: 260932

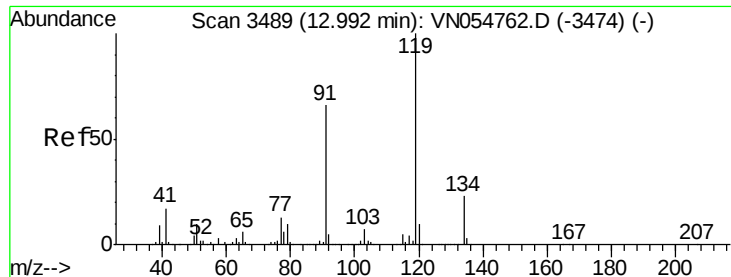
Ion	Ratio	Lower	Upper
91	100		
126	33.5	18.1	54.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

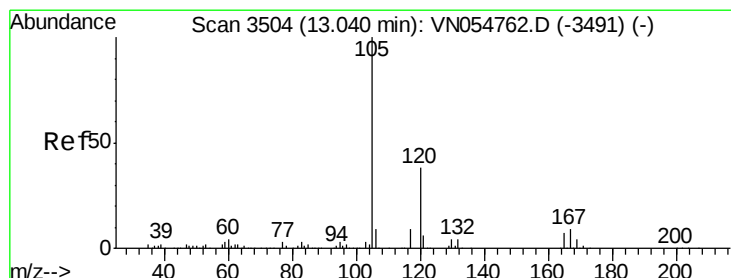
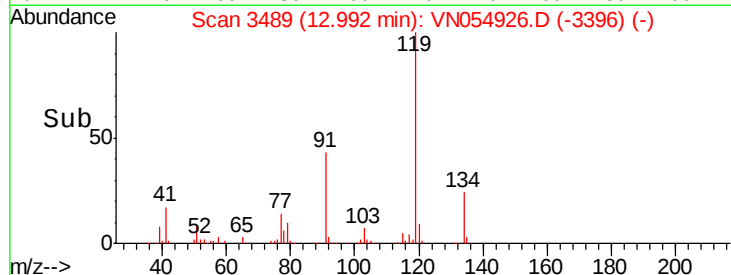
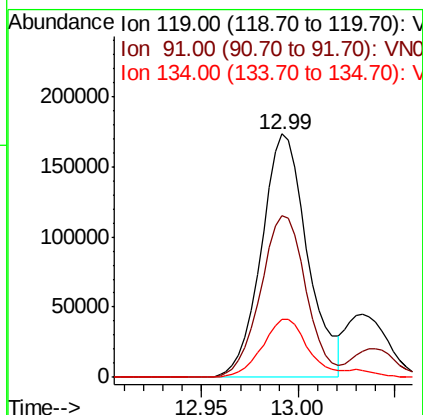
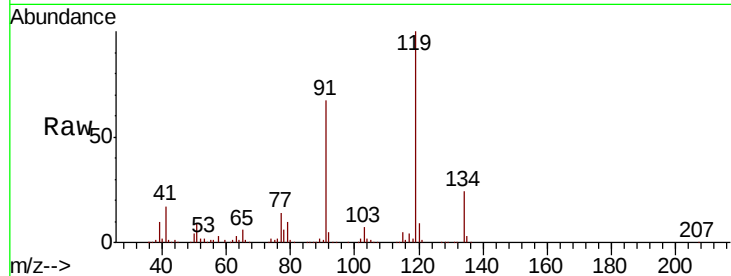




#83
 tert-Butylbenzene
 Concen: 22.083 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

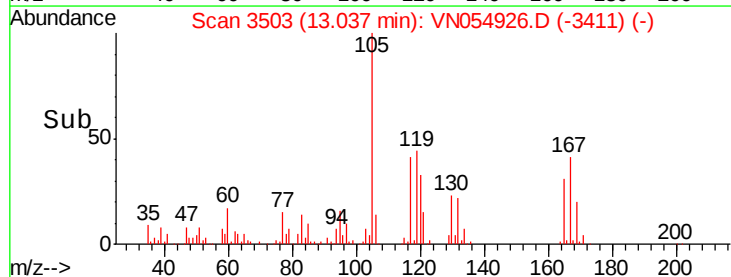
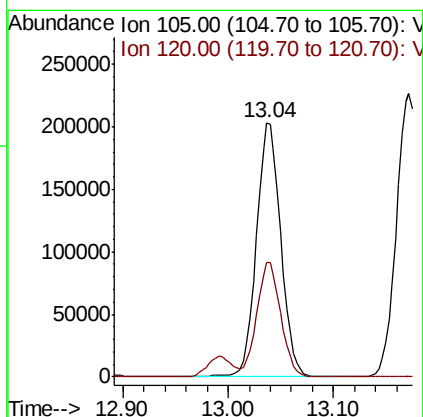
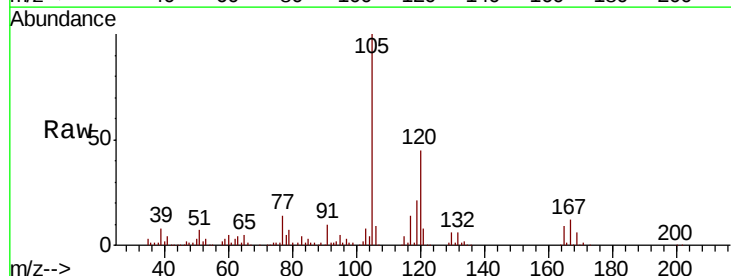
Instrument :
 MSVOA_N
 ClientSampleId :

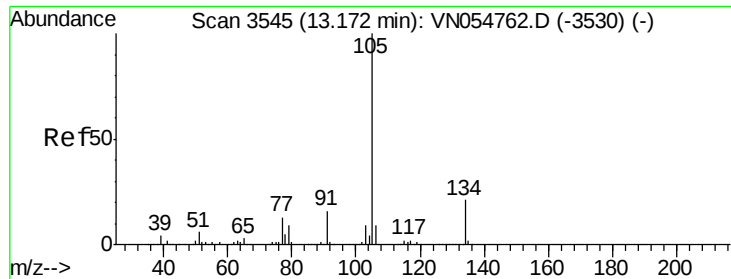
Tot Ion:119 Resp: 287681
 Ion Ratio Lower Upper
 119 100
 91 65.9 30.9 92.8
 134 23.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.484 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion:105 Resp: 326886
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.928 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

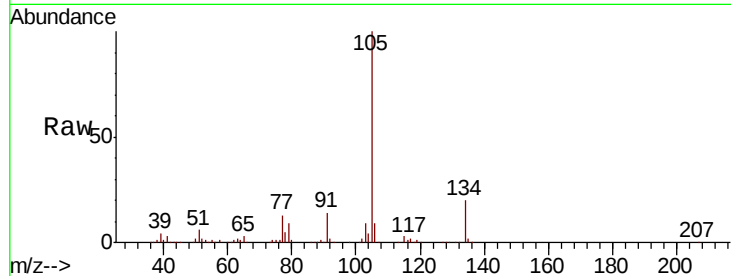
ClientSampled :

Tot Ion:105 Resp: 363090

Ion Ratio Lower Upper

105 100

134 19.7 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

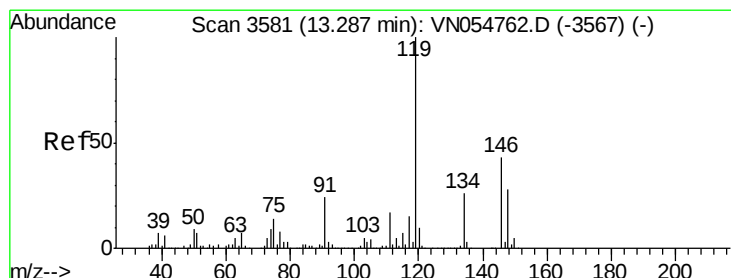
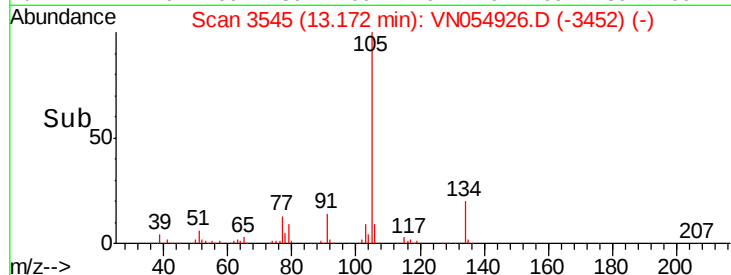
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 20.587 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

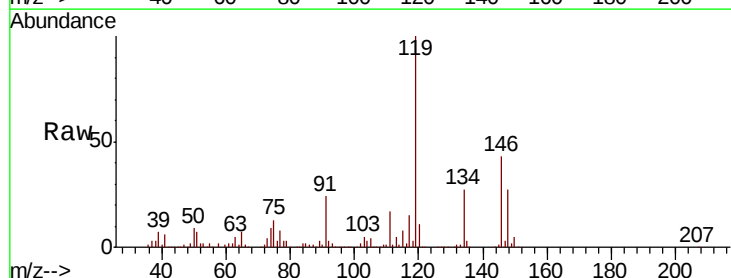
Tgt Ion:119 Resp: 315019

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 23.9 11.1 33.3



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

250000

200000

150000

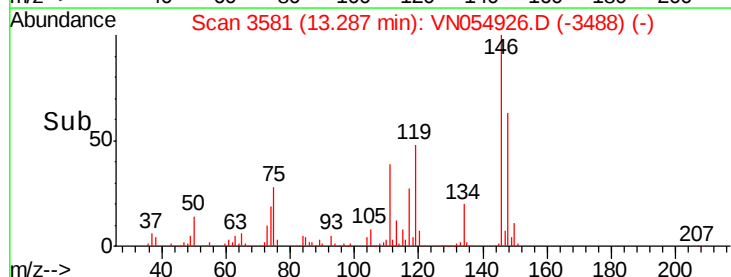
100000

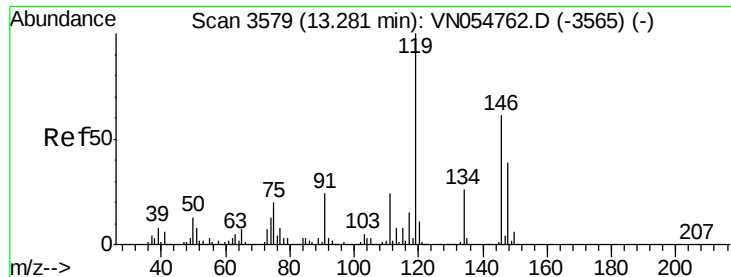
50000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.430 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

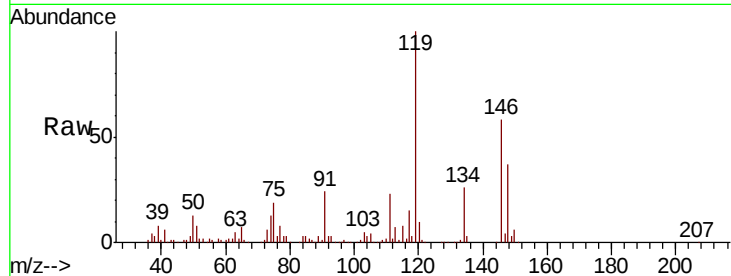
Tot Ion:146 Resp: 160683

Ion Ratio Lower Upper

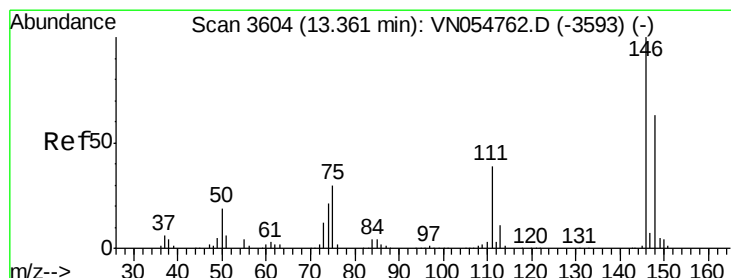
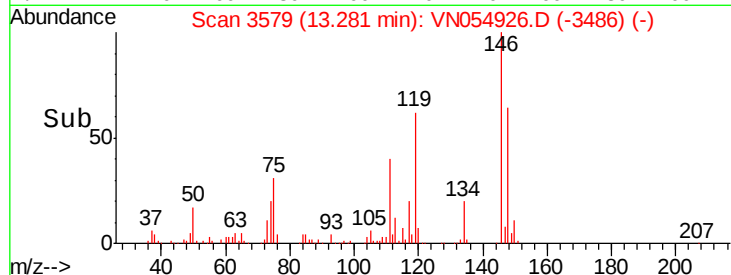
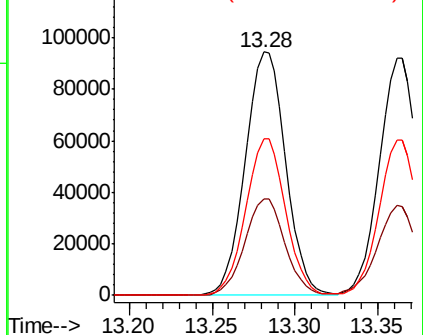
146 100

111 39.2 18.8 56.3

148 63.2 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 19.688 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

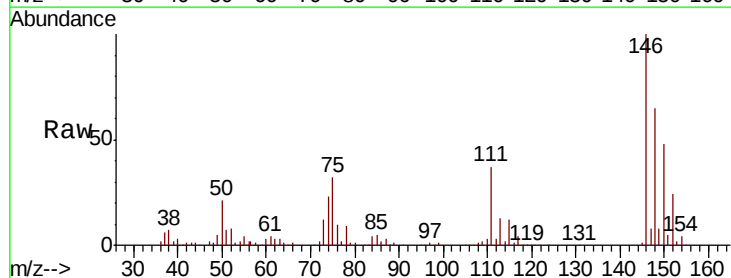
Tgt Ion:146 Resp: 151874

Ion Ratio Lower Upper

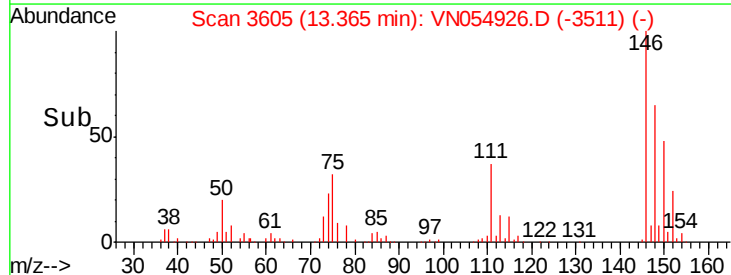
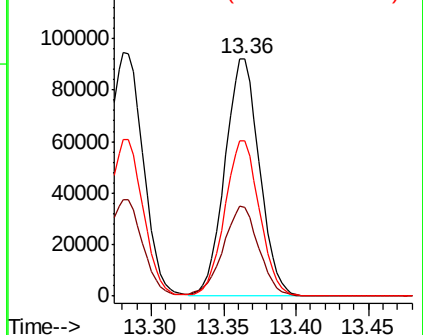
146 100

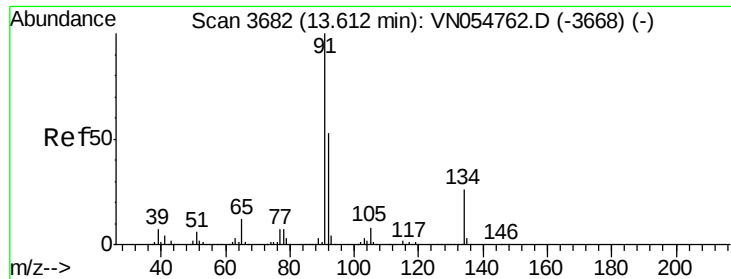
111 39.2 18.1 54.1

148 65.8 32.0 96.0



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





#89

n-Butylbenzene

Concen: 18.956 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

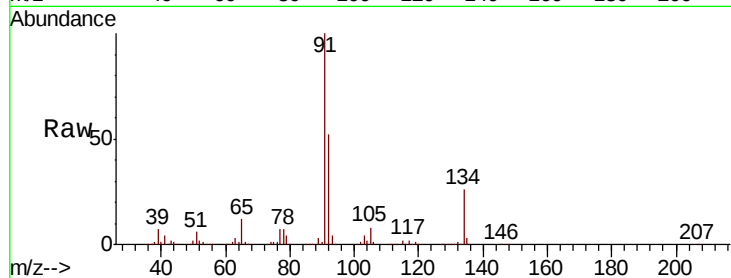
Tot Ion: 91 Resp: 236659

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.6

134 24.9 14.3 42.9

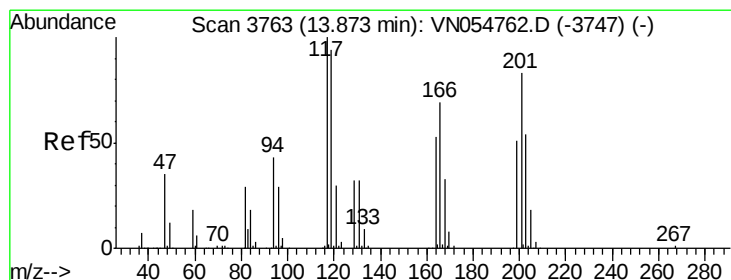
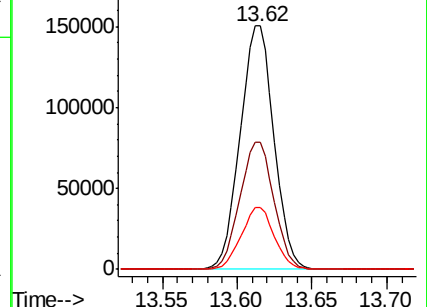
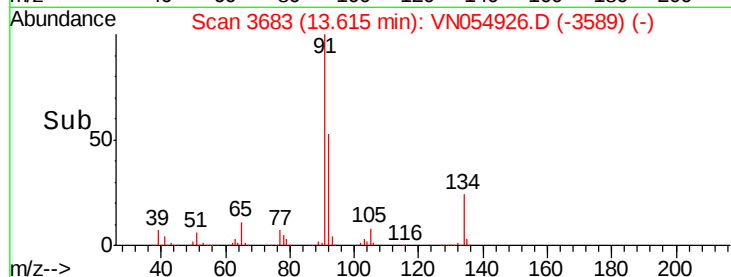


Abundance Ion 91.00 (90.70 to 91.70): VN054926.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN054926.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN054926.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 20.022 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054926.D

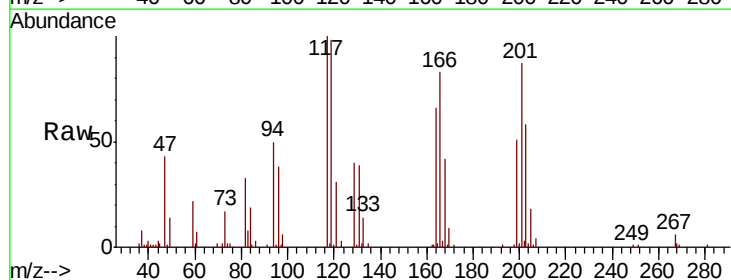
Acq: 3 Apr 2019 15:07

Tgt Ion: 117 Resp: 52019

Ion Ratio Lower Upper

117 100

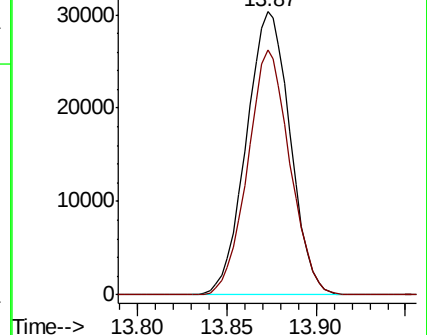
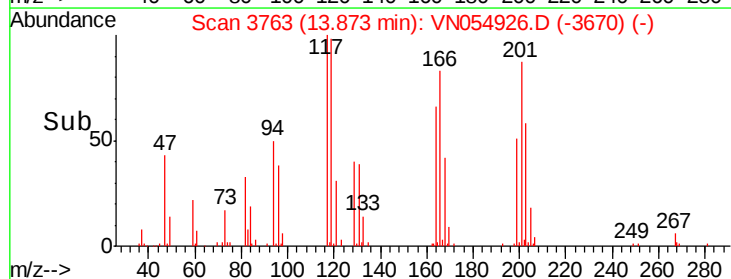
201 83.5 48.1 144.4

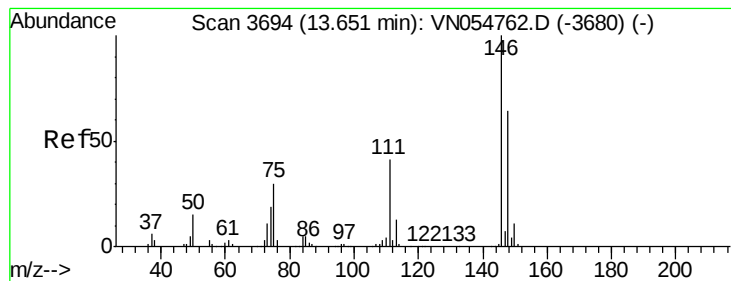


Abundance Ion 116.80 (116.50 to 117.50): VN054926.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN054926.D (-3763) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.532 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

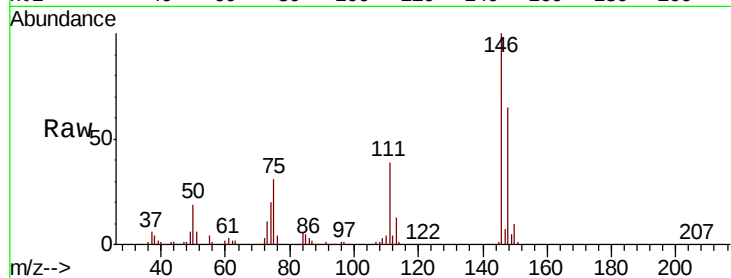
Tot Ion:146 Resp: 162972

Ion Ratio Lower Upper

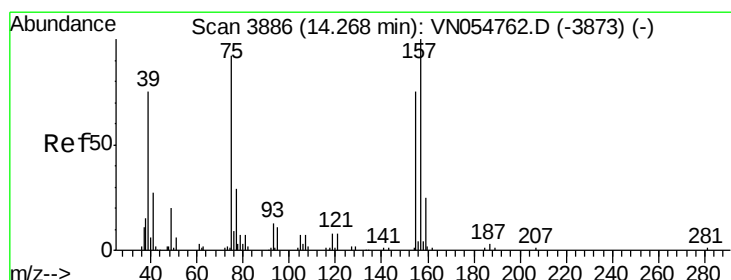
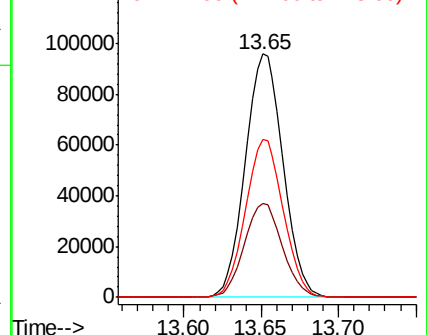
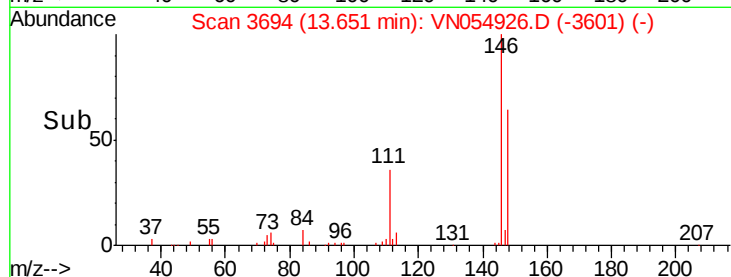
146 100

111 38.9 19.1 57.3

148 64.8 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.962 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

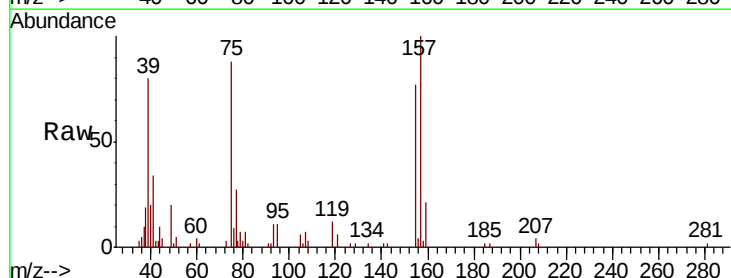
Tgt Ion: 75 Resp: 13948

Ion Ratio Lower Upper

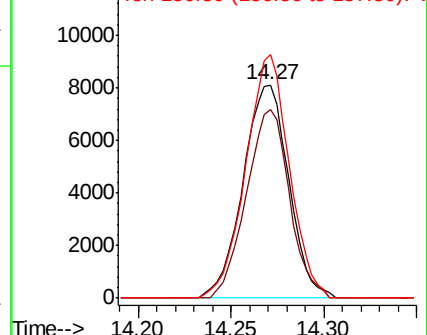
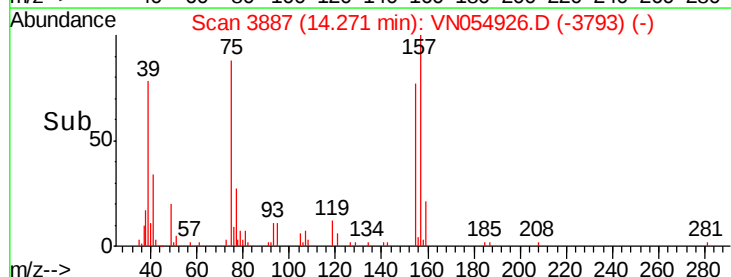
75 100

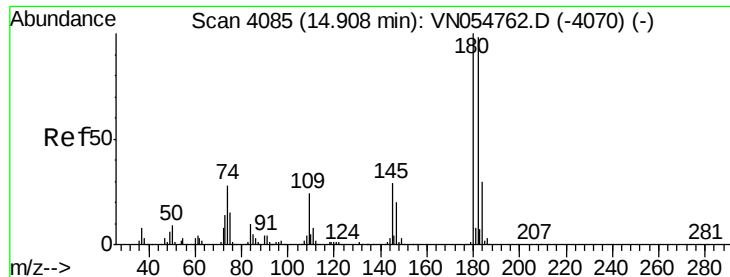
155 83.2 50.1 150.3

157 108.3 63.1 189.3



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

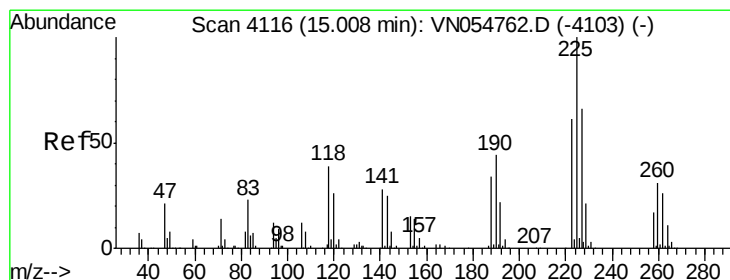
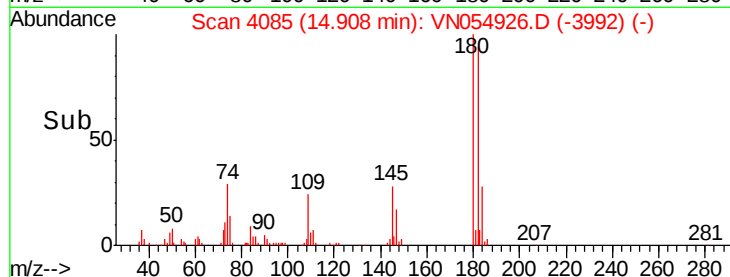
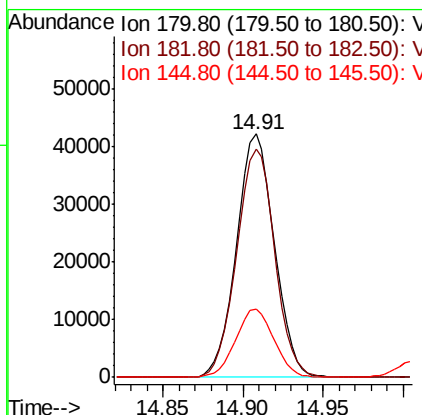
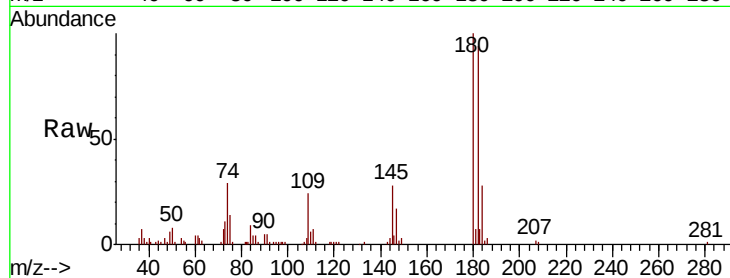




#93
 1,2,4-Trichlorobenzene
 Concen: 17.751 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

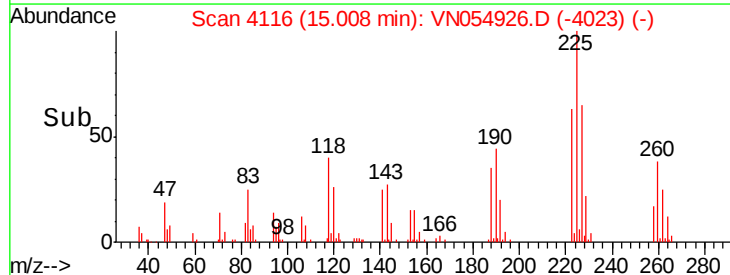
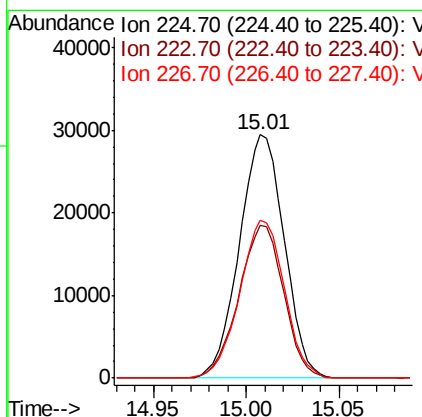
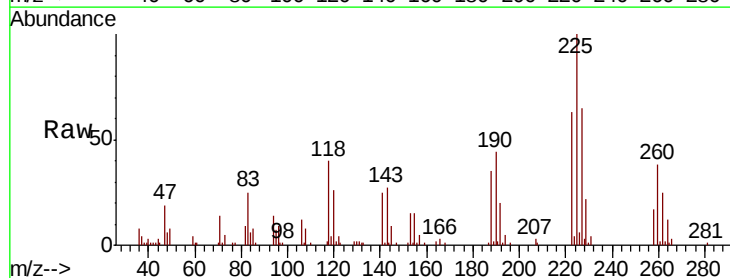
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 67927
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.0 144.2
 145 28.4 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 20.651 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054926.D
 Acq: 3 Apr 2019 15:07

Tgt Ion:225 Resp: 49599
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 64.5 31.9 95.9





#95

Naphthalene

Concen: 17.447 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

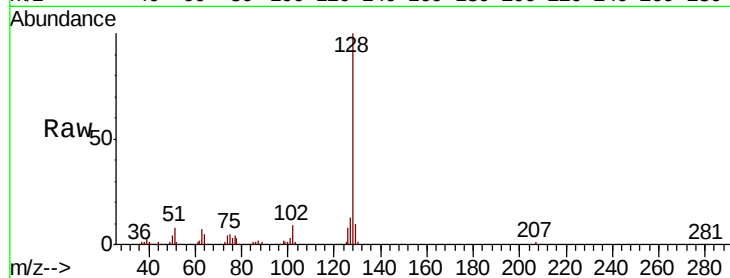
Tot Ion:128 Resp: 149741

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

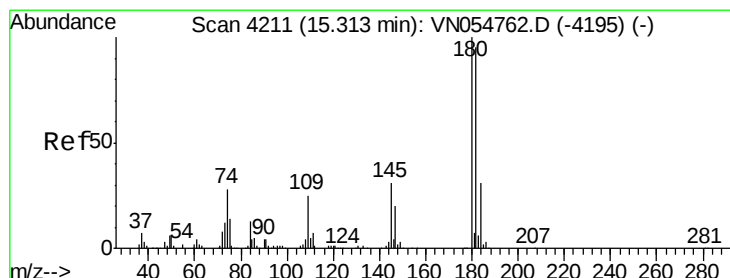
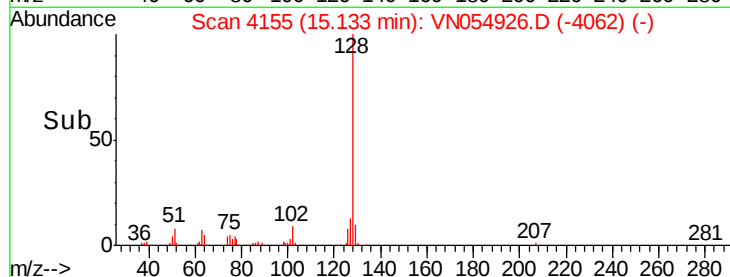
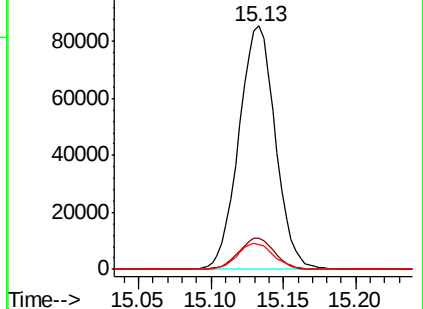
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.563 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054926.D

Acq: 3 Apr 2019 15:07

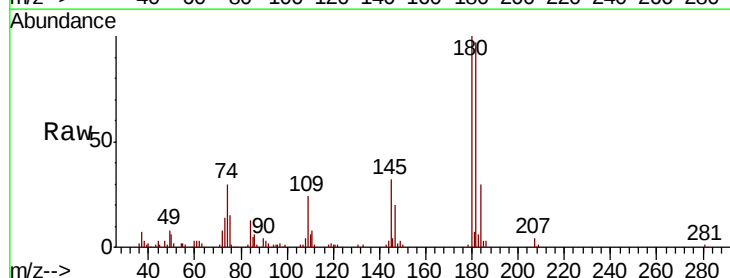
Tgt Ion:180 Resp: 71740

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 30.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

