

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052090.D
 Acq On : 1 Nov 2018 8:22
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 05:17:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:15:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	53191	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	301478	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	269122	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	126369	32.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.70%
60) 4-Bromofluorobenzene	12.40	95	129380	30.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.17%
63) Toluene-d8	10.09	98	391080	30.90	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	15354	4.322 ug/l	98
3) Chloromethane	2.06	50	20673	5.092 ug/l	98
4) Vinyl Chloride	2.19	62	20415	5.126 ug/l	100
5) Bromomethane	2.58	94	14988	5.513 ug/l	93
6) Chloroethane	2.71	64	14398	5.653 ug/l	98
7) Trichlorofluoromethane	3.02	101	29251	5.423 ug/l	97
8) Diethyl Ether	3.42	74	9657	5.303 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	17219	5.462 ug/l	83
10) 1,1-Dichloroethene	3.74	96	15609	5.306 ug/l	84
11) Methyl Iodide	3.96	142	19311	4.541 ug/l	94
12) Methyl Acetate	4.32	43	7673	3.003 ug/l	100
13) Acrolein	3.61	56	3712	13.976 ug/l	96
14) Acrylonitrile	4.98	53	10496	9.560 ug/l #	1
15) Acetone	3.82	58	8053	31.033 ug/l	79
16) Carbon Disulfide	4.05	76	43213	4.975 ug/l	99
17) Allyl chloride	4.33	41	26351	5.276 ug/l	91
18) Methylene Chloride	4.55	84	21716	5.981 ug/l	95
19) trans-1,2-Dichloroethene	5.04	96	16523	5.127 ug/l	93
20) Diisopropyl ether	5.94	45	28299	2.606 ug/l #	58
21) 1,1-Dichloroethane	5.86	63	34851	5.495 ug/l	96
22) cis-1,2-Dichloroethene	6.83	96	19395	5.153 ug/l	95
23) tert-Butyl Alcohol	4.77	59	1766	10.195 ug/l #	96
24) Methyl tert-Butyl Ether	5.04	73	43214	5.182 ug/l #	66
25) Chloroform	7.37	83	33914	5.325 ug/l	92
26) Cyclohexane	7.65	56	30328	5.334 ug/l	95
29) 1,1-Dichloropropene	7.79	75	25326	5.291 ug/l	99
30) 2-Butanone	6.83	43	36743	28.826 ug/l #	86
32) 1,1,1-Trichloroethane	7.57	97	27586	5.151 ug/l	99
33) Carbon Tetrachloride	7.77	117	25222	5.296 ug/l	97
34) Benzene	8.04	78	75646	5.398 ug/l #	64
35) Methacrylonitrile	7.17	41	6938	2.690 ug/l #	70
36) 1,2-Dichloroethane	8.12	62	27567	5.883 ug/l	96
37) Trichloroethene	8.83	130	18090	5.157 ug/l	98
38) Methylcyclohexane	9.08	83	31260	5.354 ug/l	98
39) 1,2-Dichloropropane	9.12	63	20265	5.432 ug/l	95
40) Dibromomethane	9.20	93	12842	5.585 ug/l	94
41) Bromodichloromethane	9.40	83	24336	5.172 ug/l	96

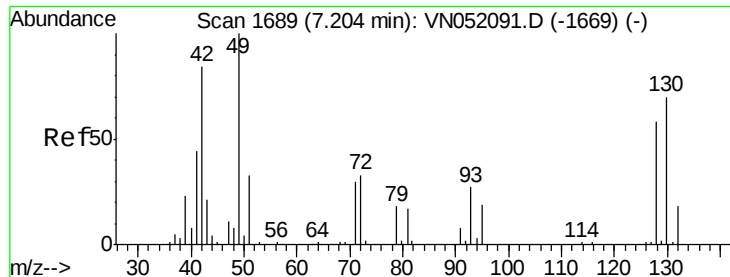
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052090.D
 Acq On : 1 Nov 2018 8:22
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 05:17:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:15:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.90	43	189459	25.389	ug/l	100
44) Isopropyl Acetate	8.16	43	29198	5.505	ug/l	95
45) 1,4-Dioxane	9.19	88	2481	102.542	ug/l #	70
46) Methyl methacrylate	9.20	41	13841	5.243	ug/l	93
47) n-amyl Acetate	12.07	43	24385	5.068	ug/l #	100
48) t-1,3-Dichloropropene	10.38	75	22400	4.795	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	25365	4.704	ug/l	94
50) 1,1,2-Trichloroethane	10.56	97	16437	5.406	ug/l	89
51) Ethyl methacrylate	10.43	69	19876	5.058	ug/l	97
52) 1,3-Dichloropropane	10.71	76	29026	5.480	ug/l	83
53) Dibromochloromethane	10.90	129	14573	4.439	ug/l	90
54) 1,2-Dibromoethane	11.00	107	15935	5.168	ug/l	96
55) 2-Chloroethyl vinyl ether	9.69	63	52802	24.536	ug/l	99
56) Bromoform	12.12	173	8332	4.394	ug/l #	97
58) 4-Methyl-2-Pentanone	9.98	43	81596	28.295	ug/l	98
59) 2-Hexanone	10.75	43	57973	29.197	ug/l	98
61) Tetrachloroethene	10.63	164	15463	5.283	ug/l	95
62) Toluene	10.15	91	78420	5.191	ug/l	96
64) Chlorobenzene	11.43	112	50845	5.310	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	16022	4.916	ug/l	95
66) Ethyl Benzene	11.51	91	83945	5.144	ug/l	94
67) m/p-Xylenes	11.62	106	63975	10.183	ug/l	98
68) o-Xylene	11.95	106	29015	4.844	ug/l	95
69) Styrene	11.96	104	45889	4.754	ug/l	96
70) Isopropylbenzene	12.25	105	81983	5.099	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	20162	5.701	ug/l #	94
72) 1,2,3-Trichloropropane	12.56	75	23582	8.019	ug/l	56
73) Bromobenzene	12.53	156	16947	4.756	ug/l	92
74) n-propylbenzene	12.59	91	96513	5.154	ug/l	97
75) 2-Chlorotoluene	12.67	91	57848	5.359	ug/l	94
76) 1,3,5-Trimethylbenzene	12.73	105	65323	5.066	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	4458	4.582	ug/l	86
78) 4-Chlorotoluene	12.77	91	54277	4.993	ug/l	97
79) tert-butylbenzene	12.99	119	56207	5.004	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	62388	4.857	ug/l	98
81) sec-Butylbenzene	13.17	105	76418	4.944	ug/l	95
82) p-Isopropyltoluene	13.29	119	61800	4.731	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	30107	4.777	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	29626	4.749	ug/l	97
85) n-Butylbenzene	13.62	91	53686	4.749	ug/l	97
86) Hexachloroethane	13.87	117	9762	4.429	ug/l	91
87) 1,2-Dichlorobenzene	13.65	146	28883	4.824	ug/l	93
88) 1,2-Dibromo-3-Chloropropan	14.27	75	2447	5.060	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	9895	4.071	ug/l	91
90) Hexachlorobutadiene	15.01	225	6967	5.239	ug/l	94
91) Naphthalene	15.13	128	22727	4.057	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.31	180	9452	4.462	ug/l	96

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampleId :

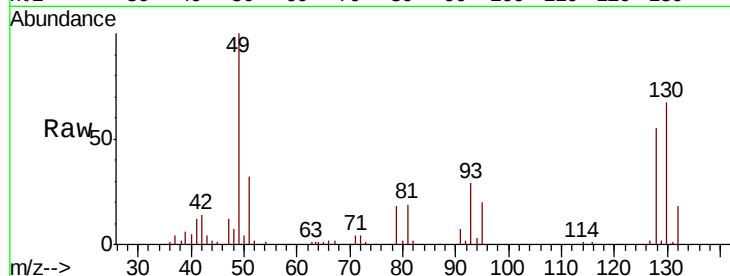
Tgt Ion:128 Resp: 53191

Ion Ratio Lower Upper

128 100

49 183.2 0.0 453.7

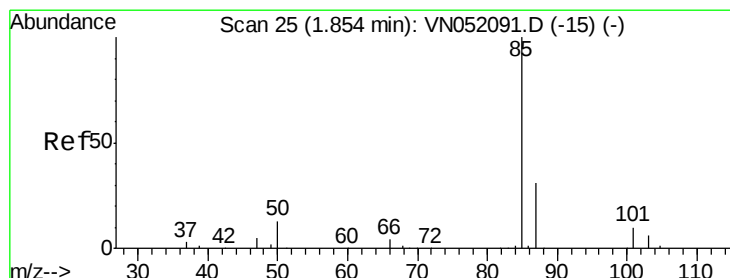
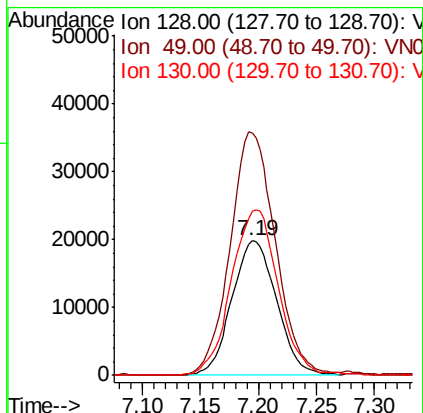
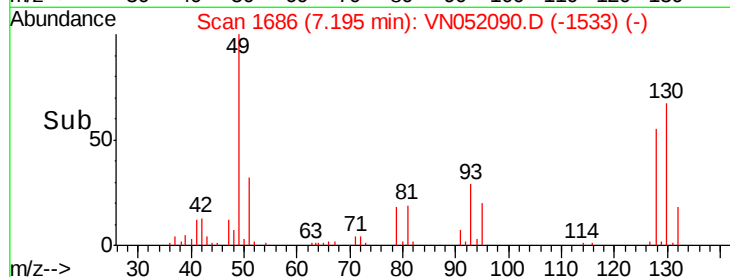
130 128.8 0.0 308.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 4.322 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052090.D

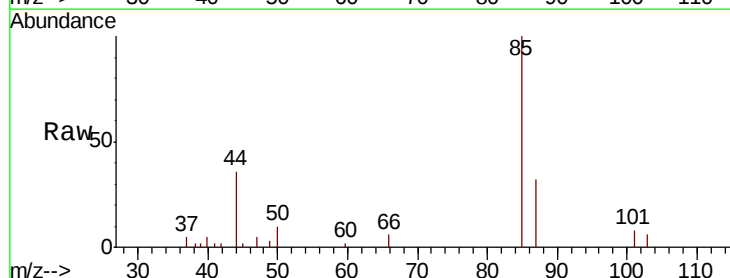
Acq: 1 Nov 2018 8:22

Tgt Ion: 85 Resp: 15354

Ion Ratio Lower Upper

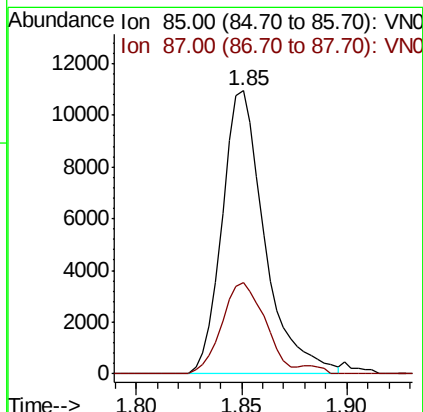
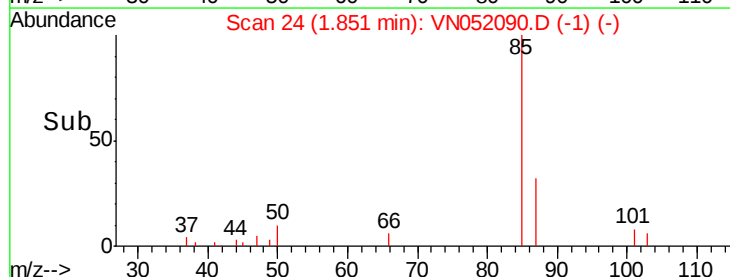
85 100

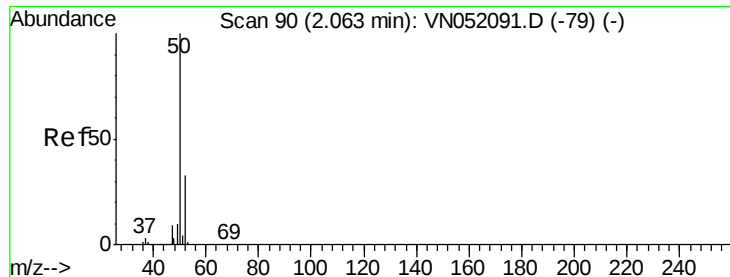
87 32.3 15.7 47.1



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 5.092 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

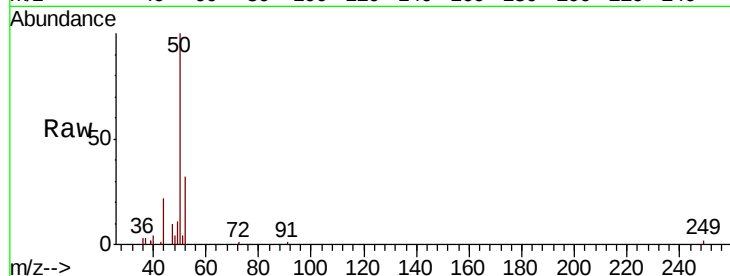
ClientSampled :

Tgt Ion: 50 Resp: 20673

Ion Ratio Lower Upper

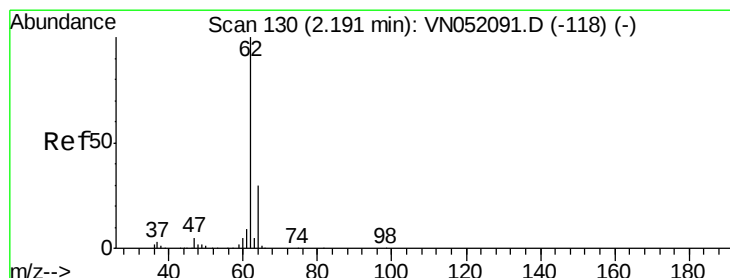
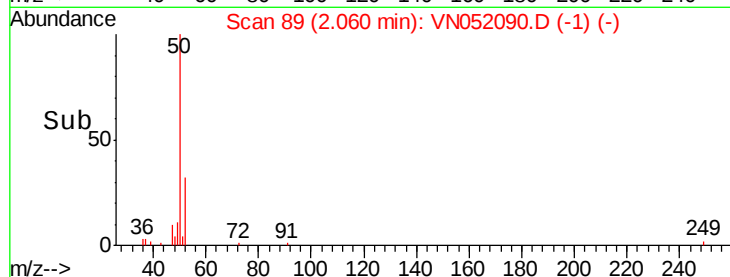
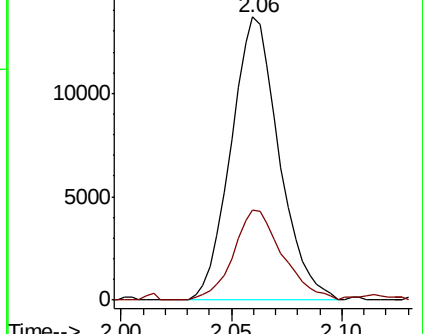
50 100

52 31.7 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 5.126 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052090.D

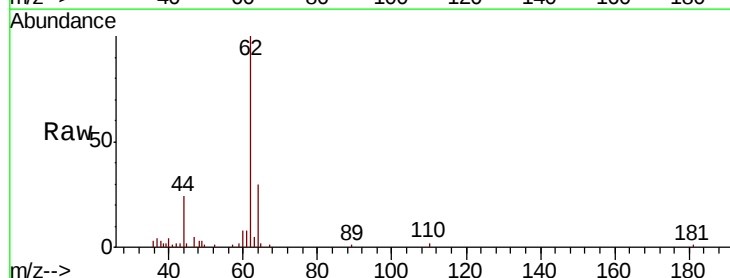
Acq: 1 Nov 2018 8:22

Tgt Ion: 62 Resp: 20415

Ion Ratio Lower Upper

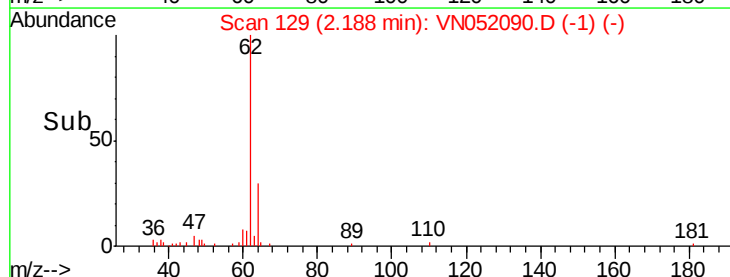
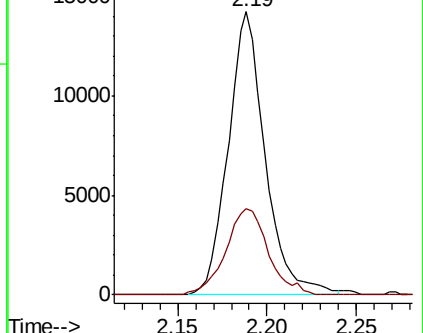
62 100

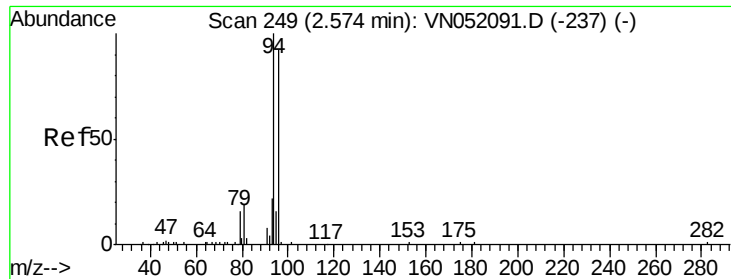
64 30.5 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 5.513 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

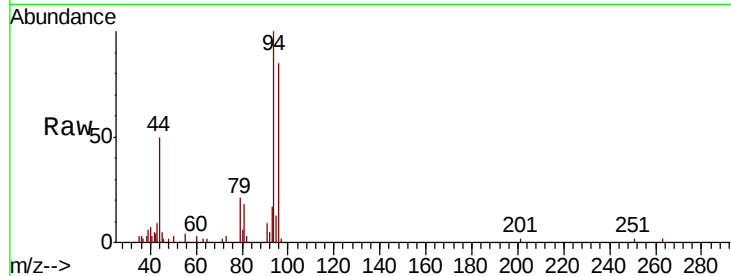
ClientSampleId :

Tgt Ion: 94 Resp: 14988

Ion Ratio Lower Upper

94 100

96 85.4 73.4 110.0



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

8000

6000

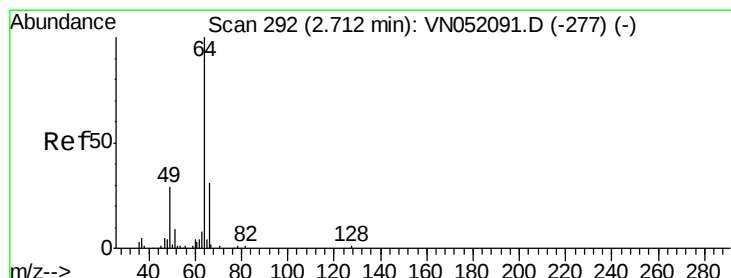
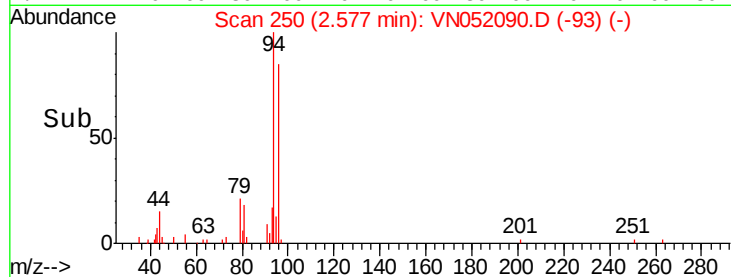
4000

2000

0

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 5.653 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052090.D

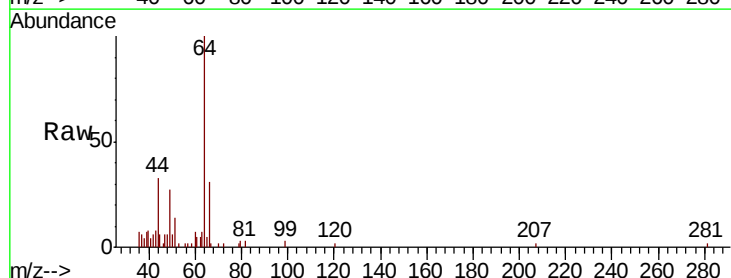
Acq: 1 Nov 2018 8:22

Tgt Ion: 64 Resp: 14398

Ion Ratio Lower Upper

64 100

66 31.7 24.7 37.1



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

8000

6000

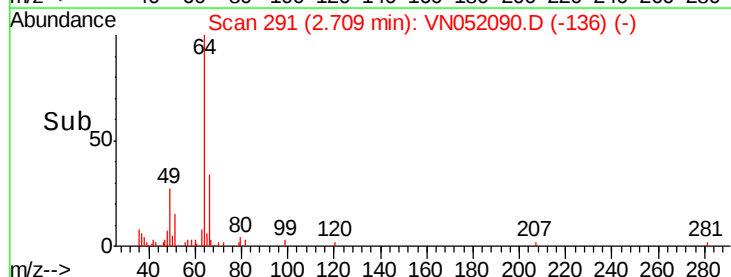
4000

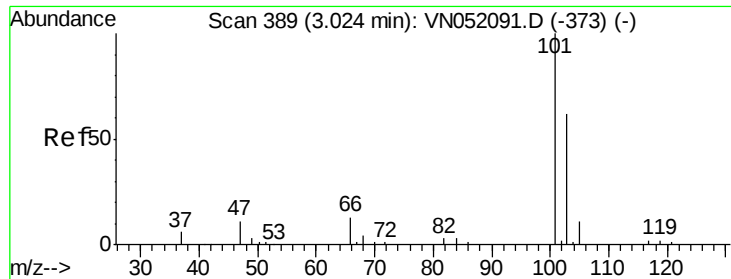
2000

0

2.65 2.70 2.75

Time-->



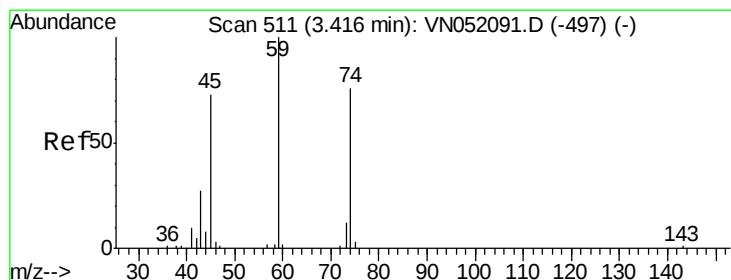
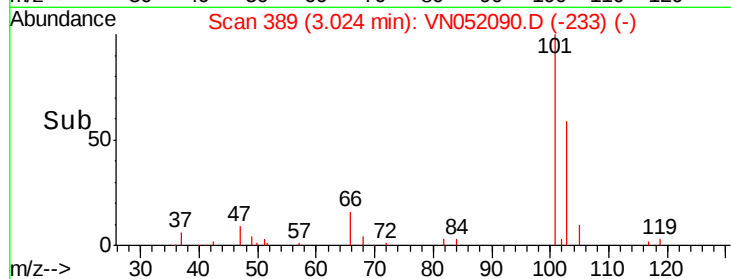
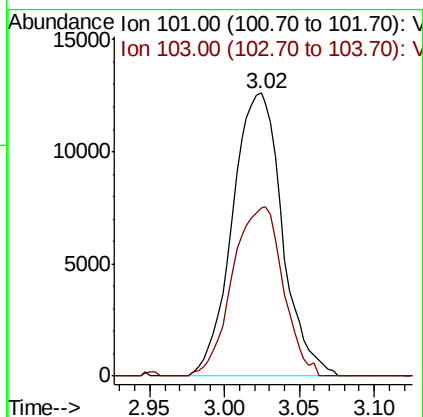
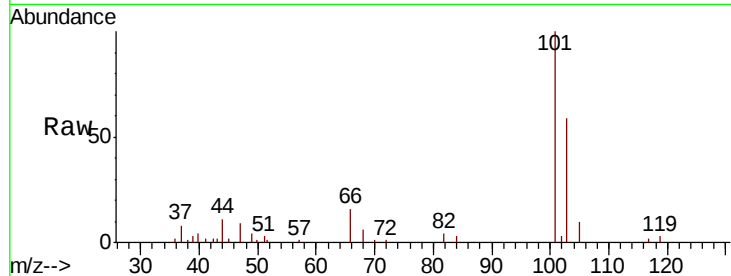


#7

Trichlorofluoromethane
 Concen: 5.423 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Instrument :
 MSVOA_X
 ClientSampled :

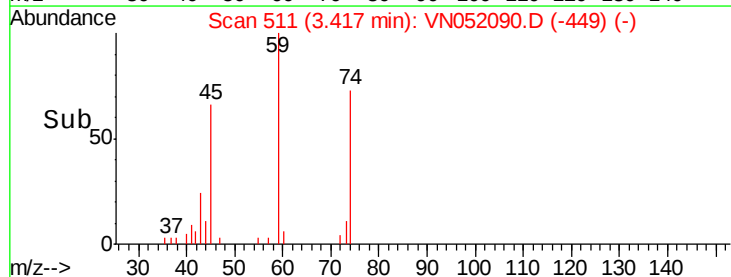
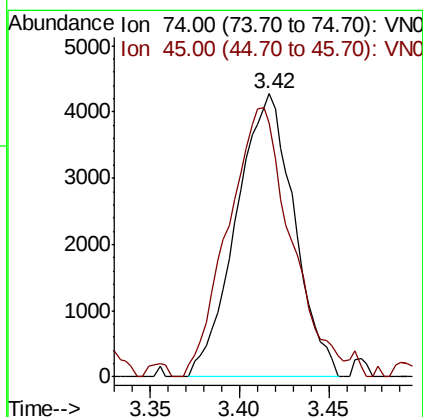
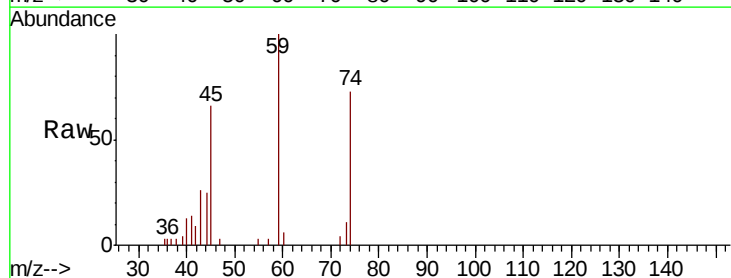
Tgt Ion: 101 Resp: 29251
 Ion Ratio Lower Upper
 101 100
 103 59.4 49.5 74.3

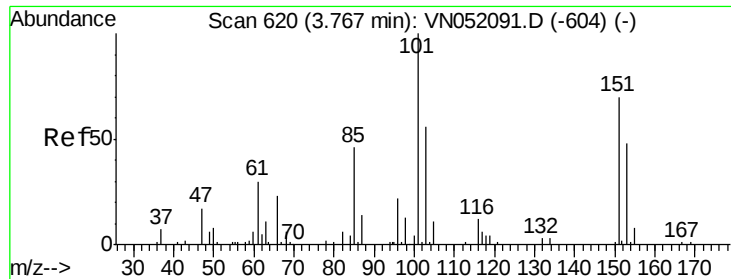


#8

Diethyl Ether
 Concen: 5.303 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 74 Resp: 9657
 Ion Ratio Lower Upper
 74 100
 45 103.3 19.4 174.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.462 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampleId :

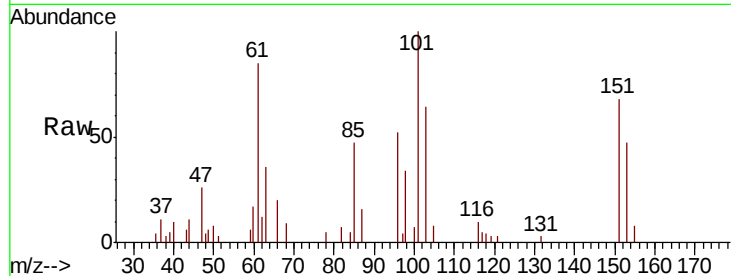
Tgt Ion: 101 Resp: 17219

Ion Ratio Lower Upper

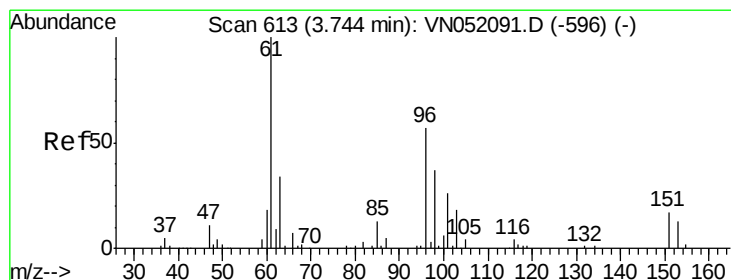
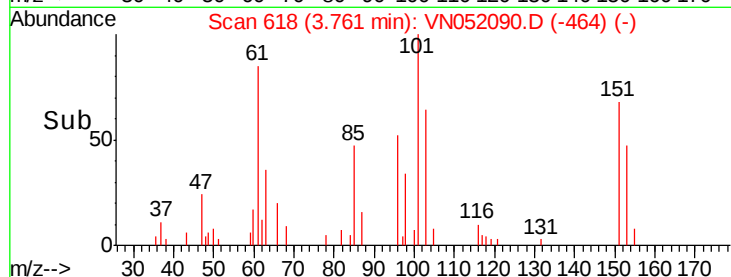
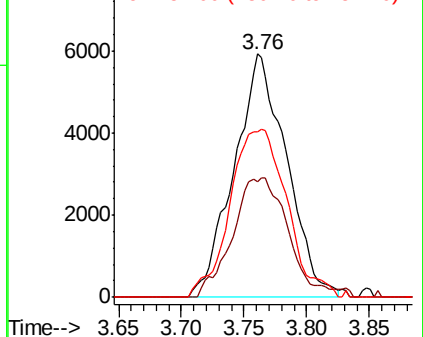
101 100

85 24.8 0.0 98.0

151 72.5 0.0 139.6



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): V
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.306 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

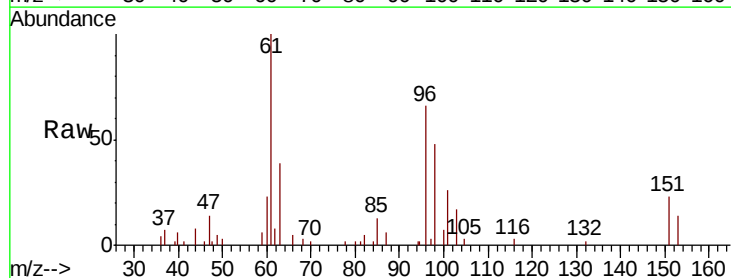
Tgt Ion: 96 Resp: 15609

Ion Ratio Lower Upper

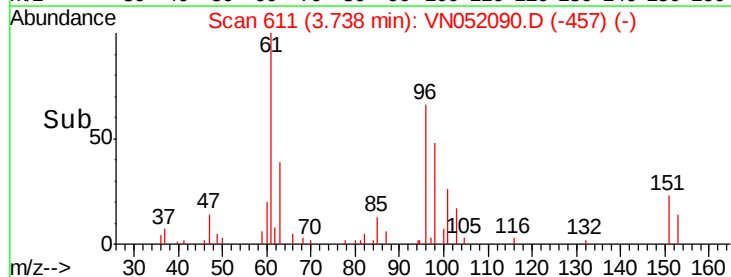
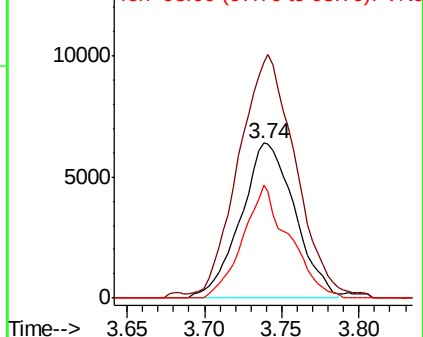
96 100

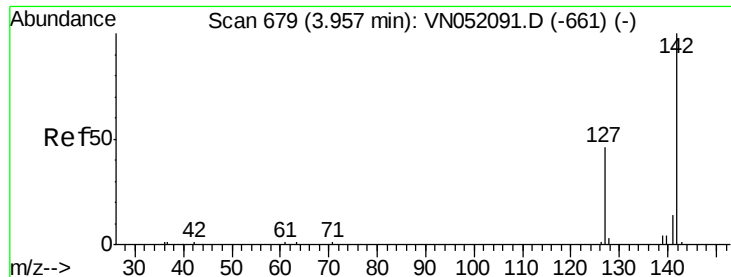
61 149.4 140.3 210.5

98 73.2 52.0 78.0



Abundance Ion 96.00 (95.70 to 96.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 98.00 (97.70 to 98.70): V

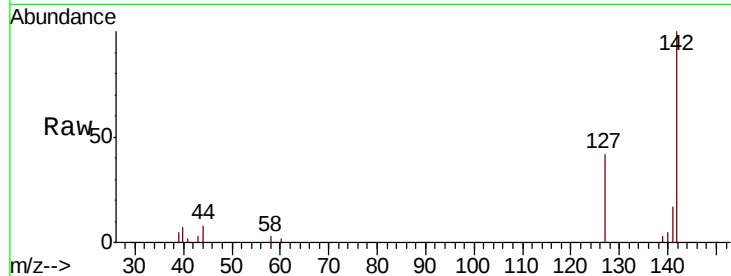




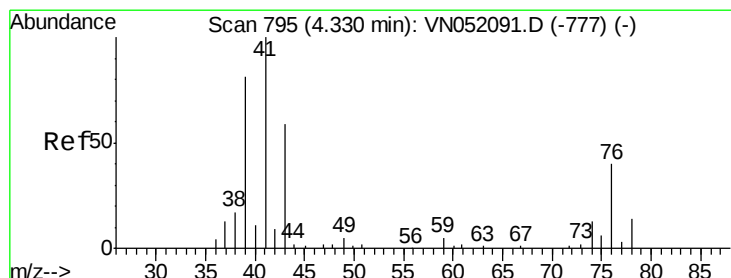
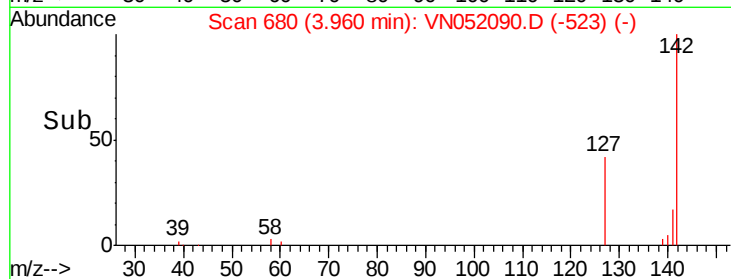
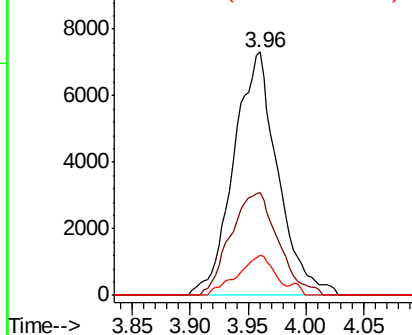
#11
Methyl Iodide
Concen: 4.541 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 142 Resp: 19311
Ion Ratio Lower Upper
142 100
127 42.0 23.1 69.2
141 16.5 7.0 20.9

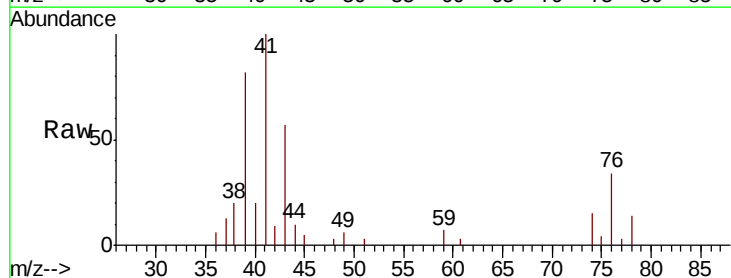


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

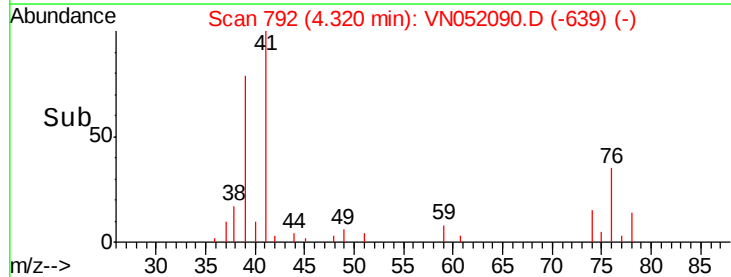
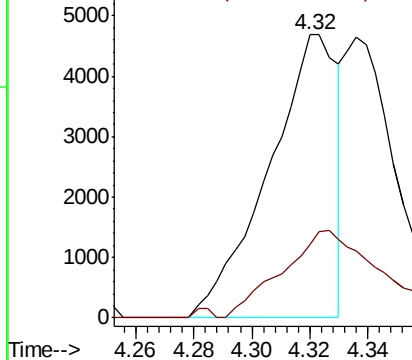


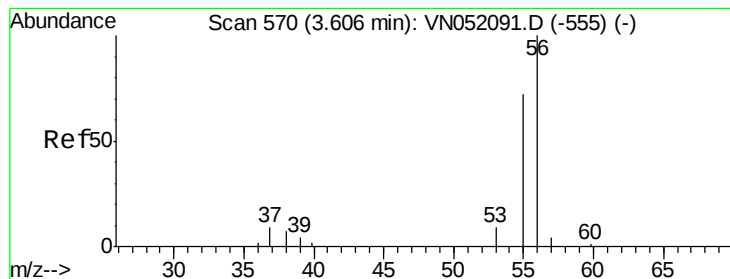
#12
Methyl Acetate
Concen: 3.003 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.01 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion: 43 Resp: 7673
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 13.976 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

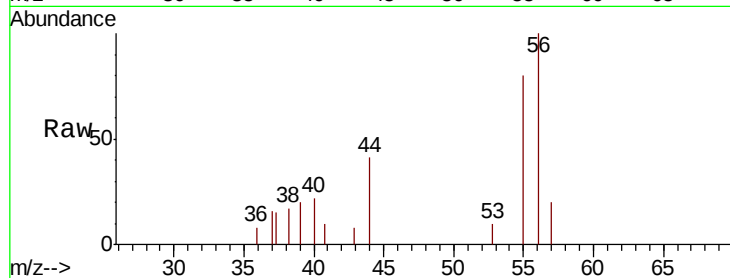
ClientSampleId :

Tgt Ion: 56 Resp: 3712

Ion Ratio Lower Upper

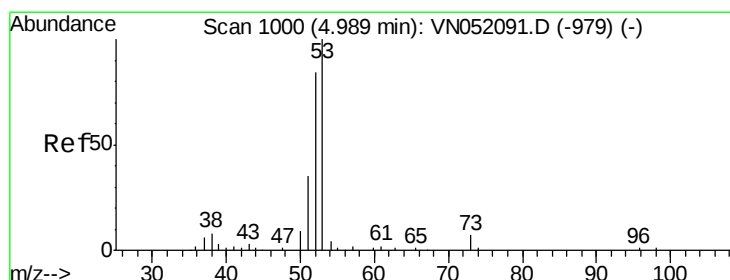
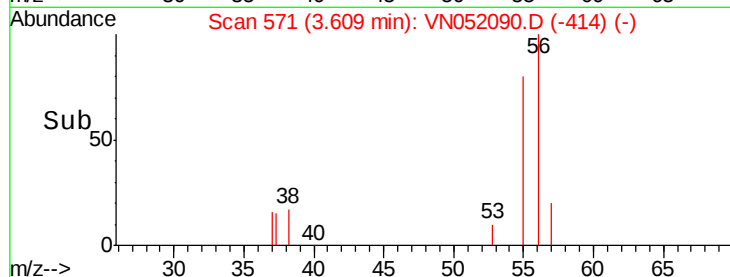
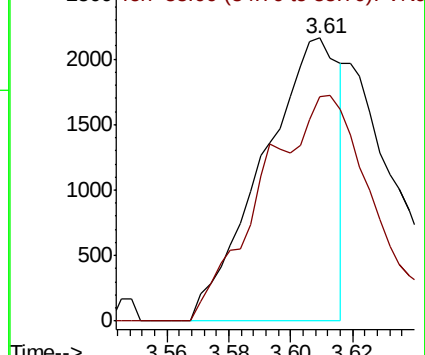
56 100

55 67.1 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VN052091.D (-555) (-)

Ion 55.00 (54.70 to 55.70): VN052091.D (-555) (-)



#14

Acrylonitrile

Concen: 9.560 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

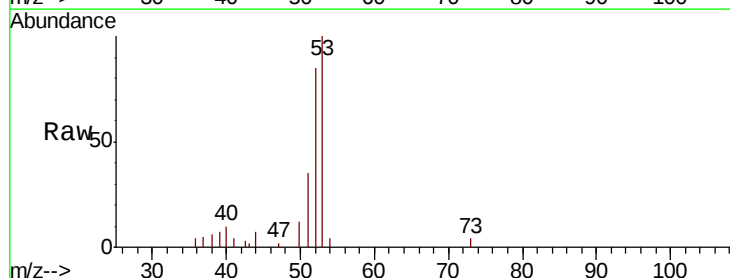
Tgt Ion: 53 Resp: 10496

Ion Ratio Lower Upper

53 100

52 218.2 41.3 124.1#

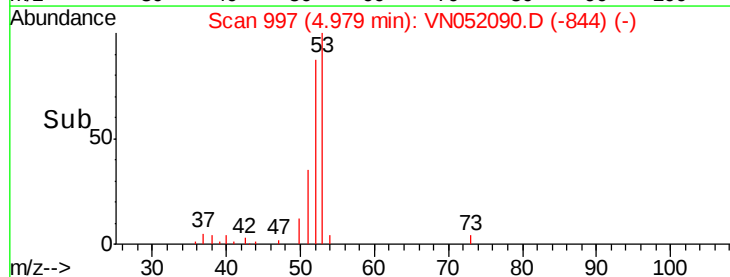
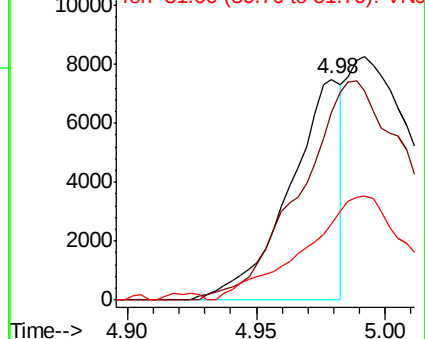
51 97.8 18.6 55.6#

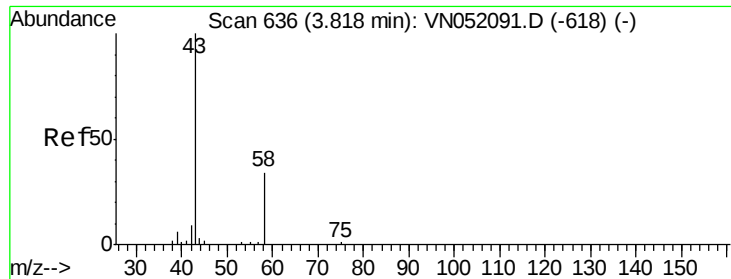


Abundance Ion 53.00 (52.70 to 53.70): VN052091.D (-979) (-)

Ion 52.00 (51.70 to 52.70): VN052091.D (-979) (-)

Ion 51.00 (50.70 to 51.70): VN052091.D (-979) (-)





#15

Acetone

Concen: 31.033 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

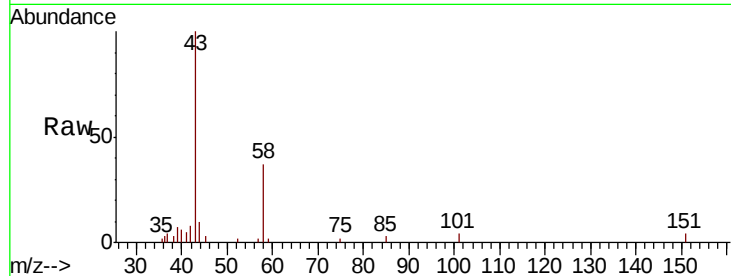
ClientSampled :

Tgt Ion: 58 Resp: 8053

Ion Ratio Lower Upper

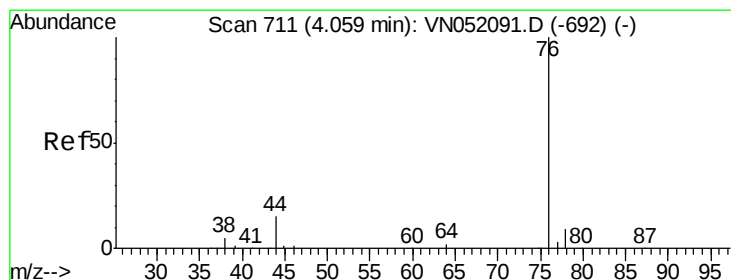
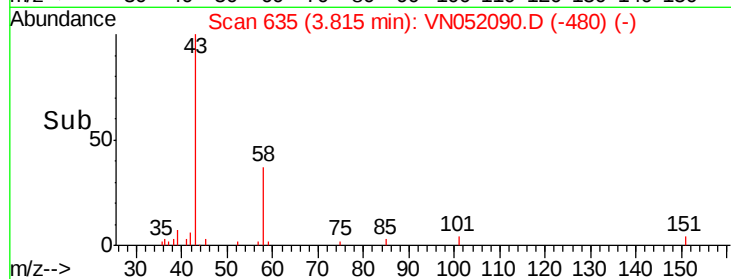
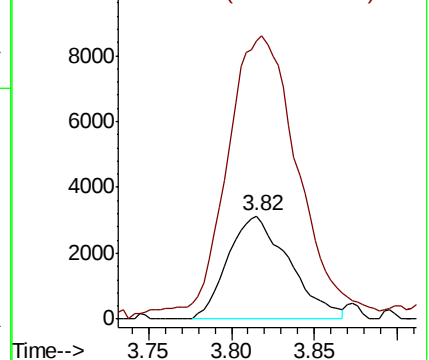
58 100

43 253.3 234.7 352.1



Abundance Ion 58.00 (57.70 to 58.70): VN052091.D (-618) (-)

Ion 43.00 (42.70 to 43.70): VN052091.D (-618) (-)



#16

Carbon Disulfide

Concen: 4.975 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.01 min

Lab File: VN052090.D

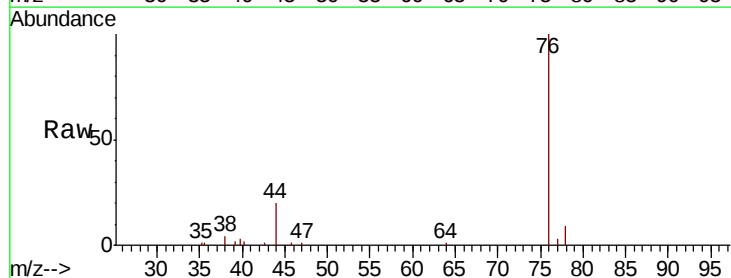
Acq: 1 Nov 2018 8:22

Tgt Ion: 76 Resp: 43213

Ion Ratio Lower Upper

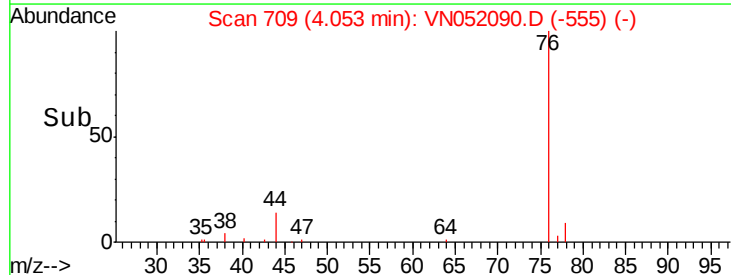
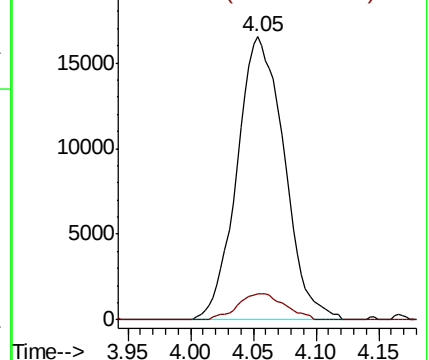
76 100

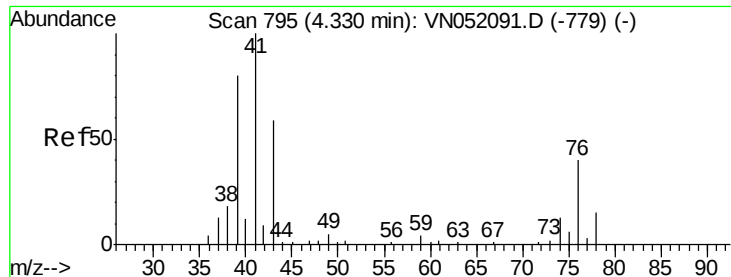
78 9.0 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VN052091.D (-692) (-)

Ion 78.00 (77.70 to 78.70): VN052091.D (-692) (-)

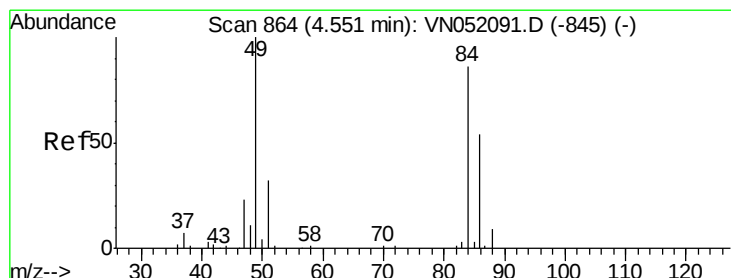
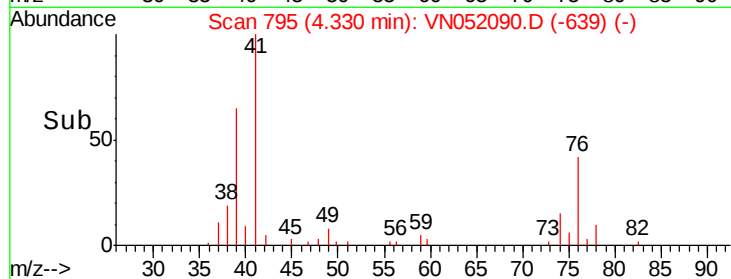
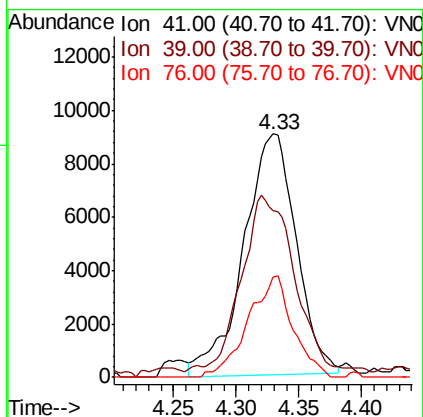
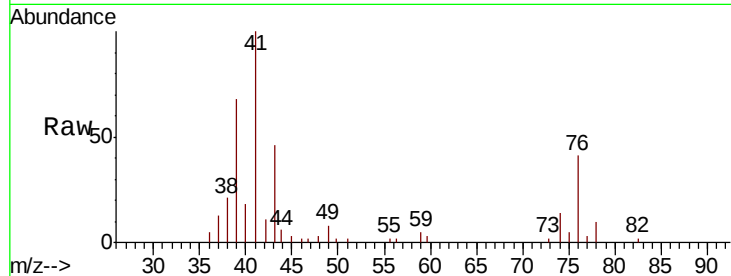




#17
 Allyl chloride
 Concen: 5.276 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

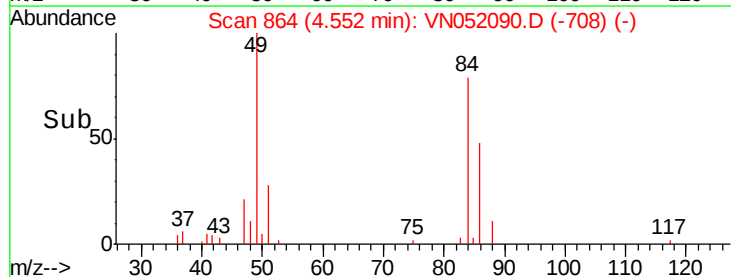
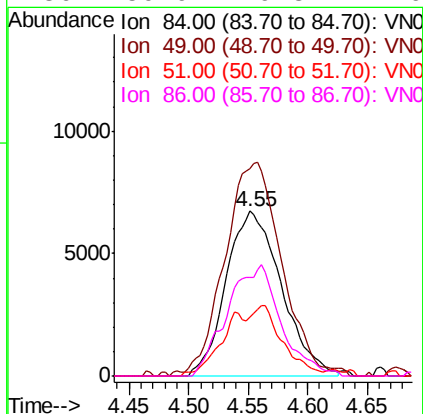
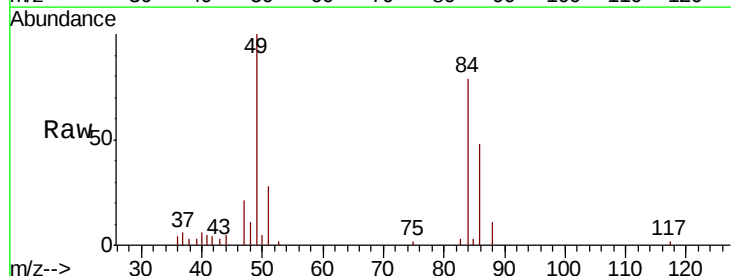
Instrument :
 MSVOA_X
 ClientSampleId :

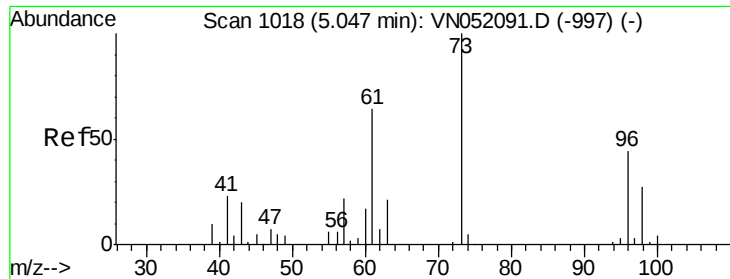
Tgt Ion: 41 Resp: 26351
 Ion Ratio Lower Upper
 41 100
 39 68.2 38.4 115.1
 76 42.7 18.8 56.3



#18
 Methylene Chloride
 Concen: 5.981 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 84 Resp: 21716
 Ion Ratio Lower Upper
 84 100
 49 121.2 92.6 138.8
 51 33.3 29.7 44.5
 86 59.9 49.8 74.6

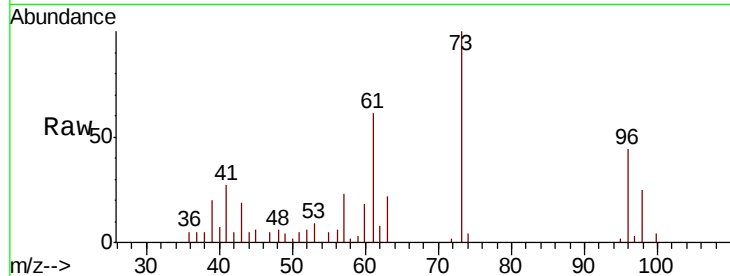




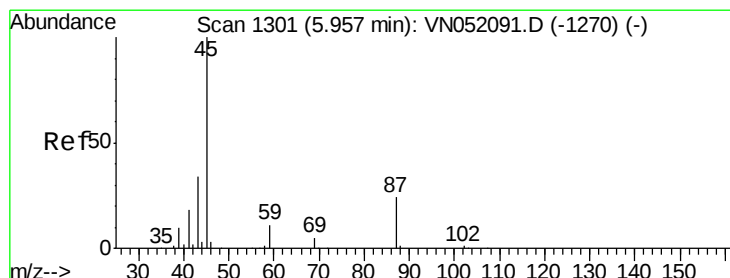
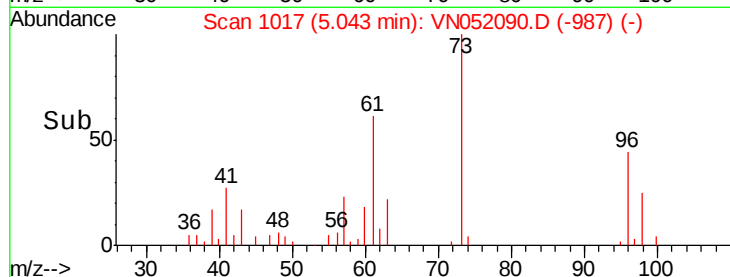
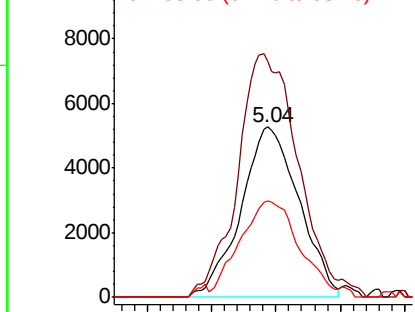
#19
trans-1,2-Dichloroethene
Concen: 5.127 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 96 Resp: 16523
Ion Ratio Lower Upper
96 100
61 138.5 117.8 176.6
98 56.7 49.3 73.9

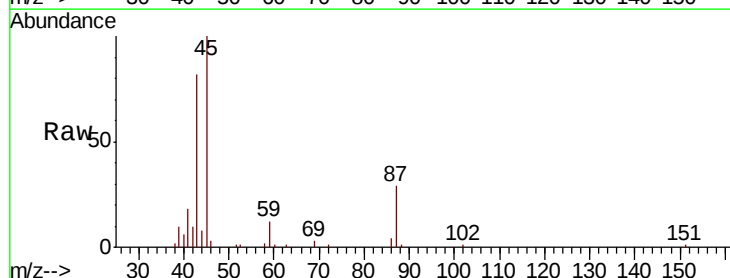


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

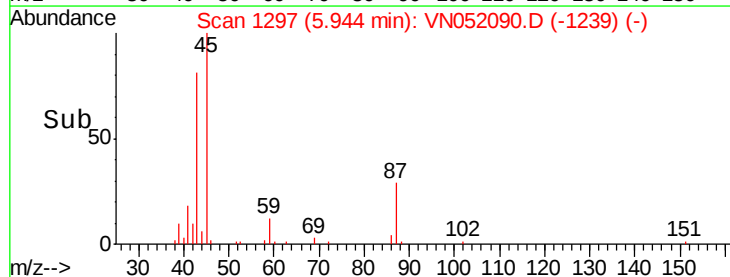
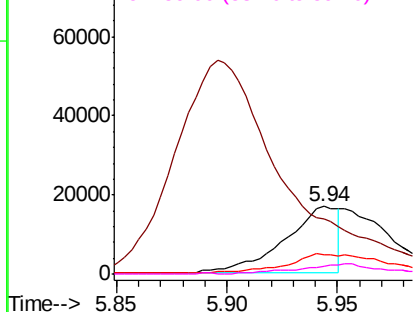


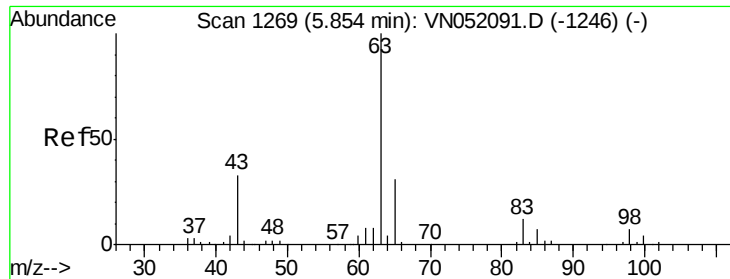
#20
Diisopropyl ether
Concen: 2.606 ug/l
RT: 5.94 min Scan# 1297
Delta R.T. -0.01 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion: 45 Resp: 28299
Ion Ratio Lower Upper
45 100
43 12.1 49.4 74.0#
87 27.9 20.3 30.5
59 12.1 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

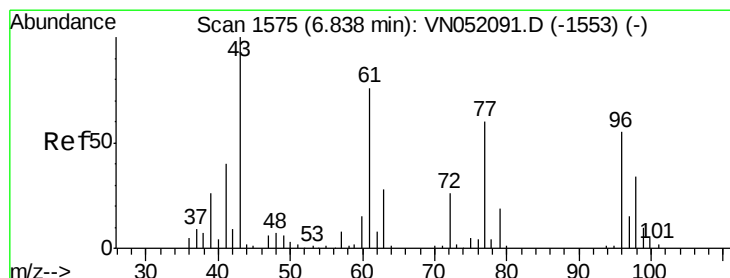
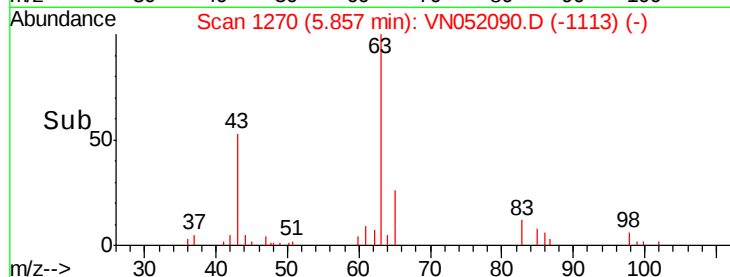
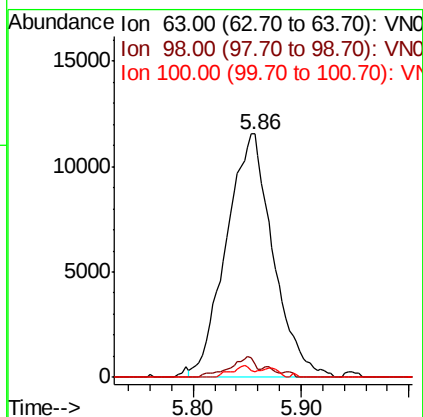
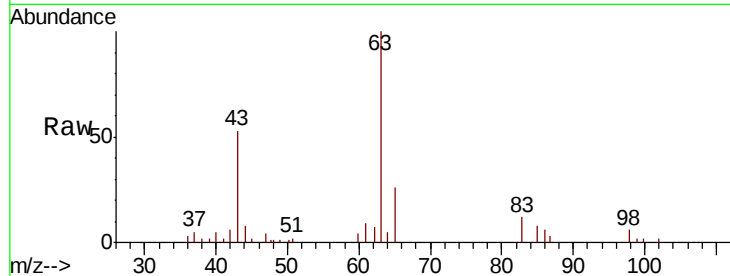




#21
 1,1-Dichloroethane
 Concen: 5.495 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

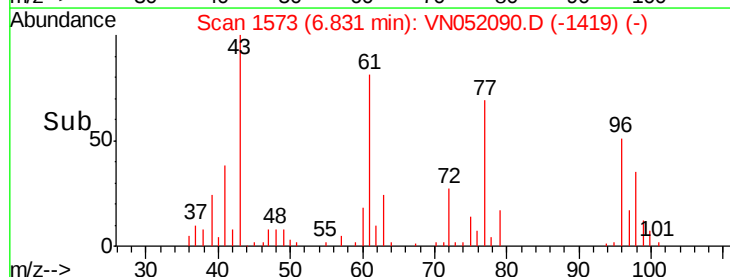
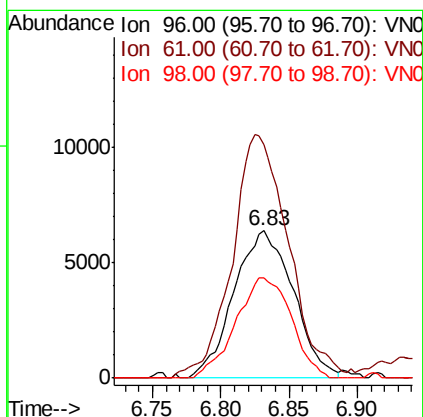
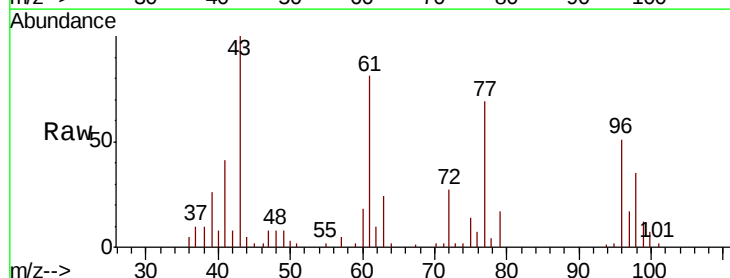
Instrument :
 MSVOA_X
 ClientSampleId :

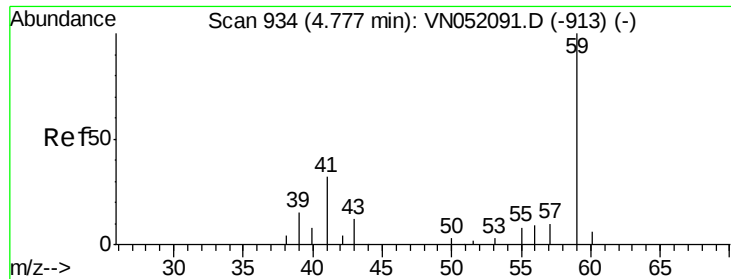
Tgt Ion: 63 Resp: 34851
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.4 10.1
 100 2.2 2.0 5.8



#22
 cis-1,2-Dichloroethene
 Concen: 5.153 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 96 Resp: 19395
 Ion Ratio Lower Upper
 96 100
 61 155.5 117.6 176.4
 98 63.6 51.0 76.4

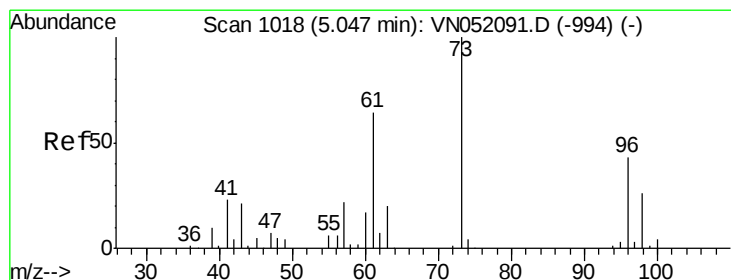
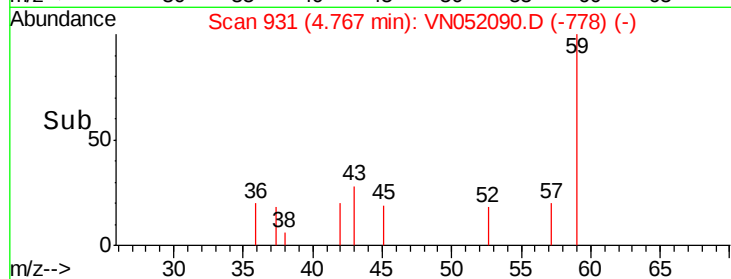
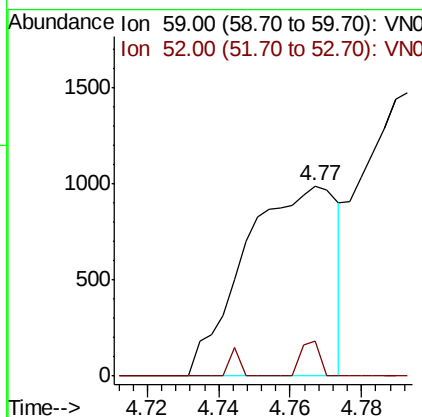
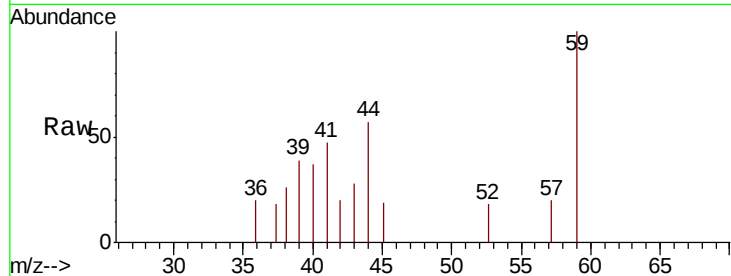




#23
 tert-Butyl Alcohol
 Concen: 10.195 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

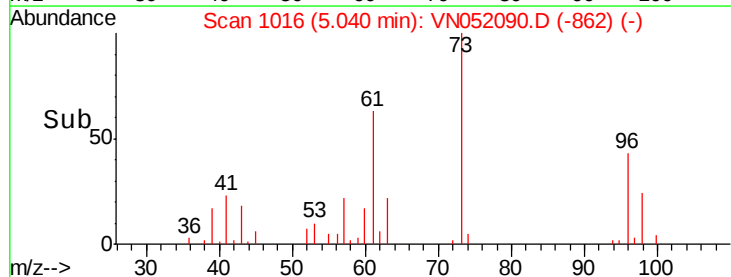
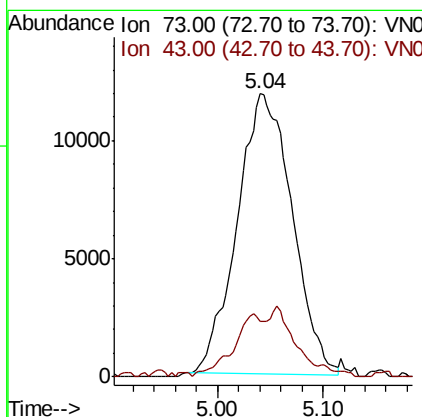
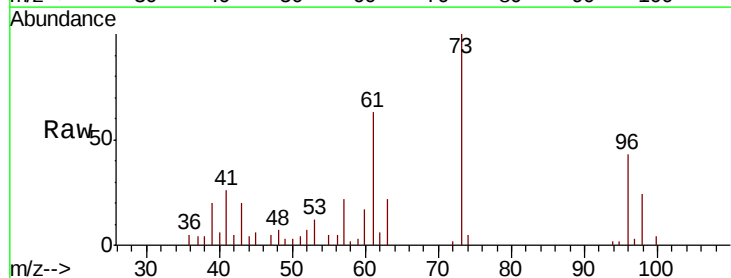
Instrument :
 MSVOA_X
 ClientSampleId :

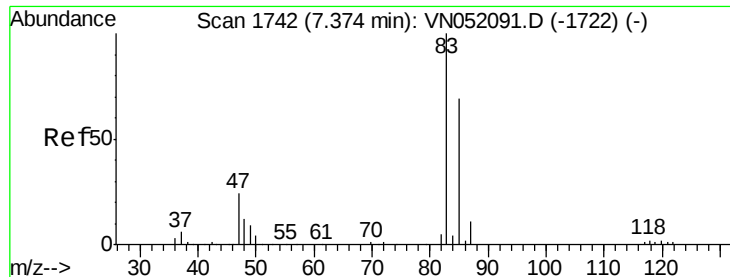
Tgt Ion: 59 Resp: 1766
 Ion Ratio Lower Upper
 59 100
 52 3.7 0.3 0.5#



#24
 Methyl tert-Butyl Ether
 Concen: 5.182 ug/l
 RT: 5.04 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 73 Resp: 43214
 Ion Ratio Lower Upper
 73 100
 43 5.8 17.4 26.2#

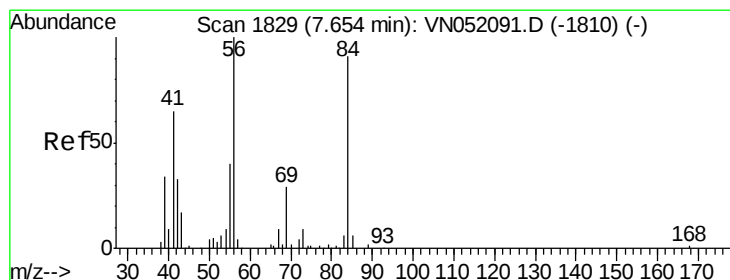
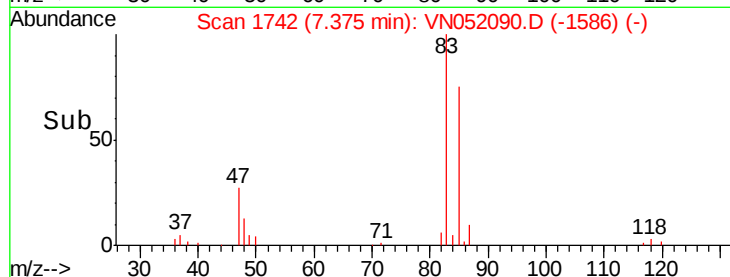
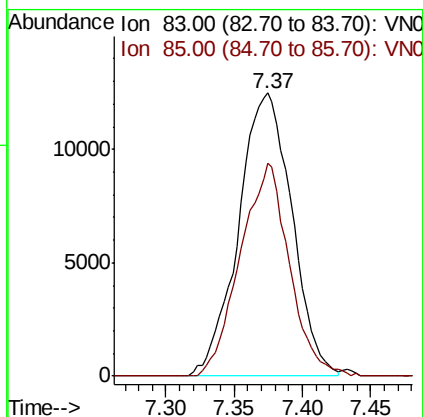
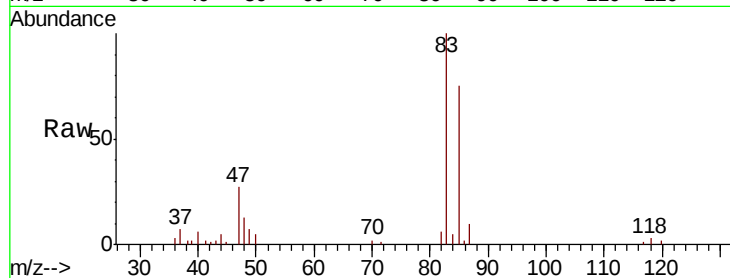




#25
Chloroform
Concen: 5.325 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

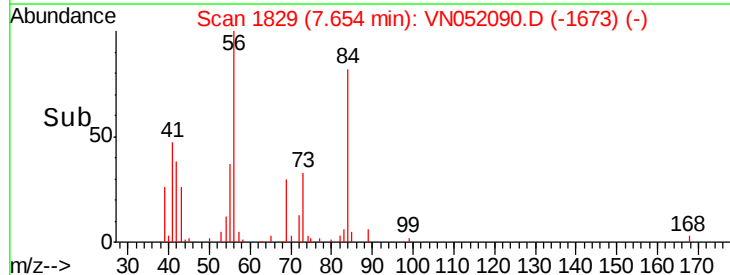
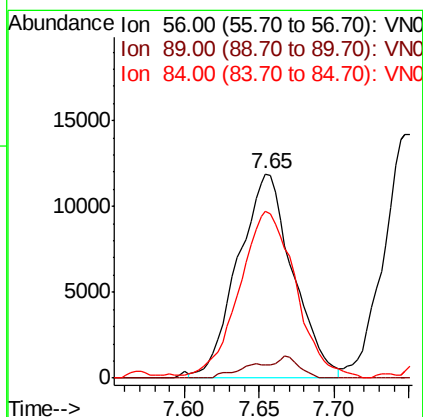
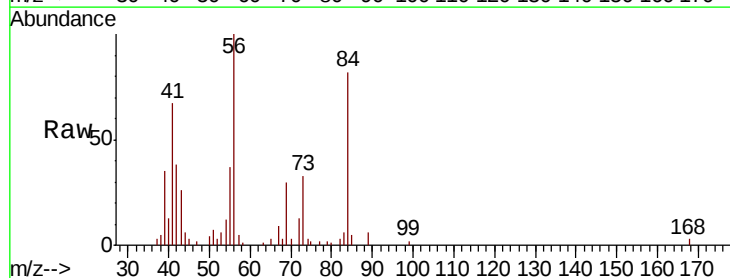
Instrument :
MSVOA_X
ClientSampled :

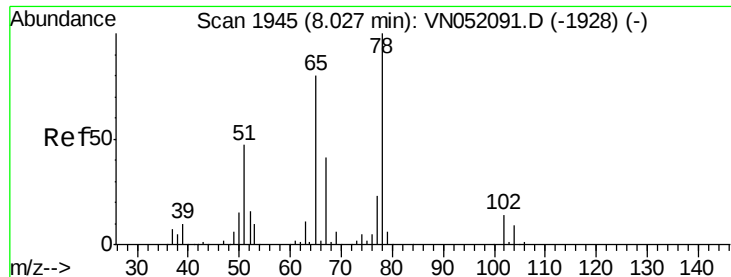
Tgt Ion: 83 Resp: 33914
Ion Ratio Lower Upper
83 100
85 75.2 54.9 82.3



#26
Cyclohexane
Concen: 5.334 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion: 56 Resp: 30328
Ion Ratio Lower Upper
56 100
89 3.0 2.2 3.2
84 84.3 71.0 106.6





#27

1,2-Dichloroethane-d4

Concen: 5.334 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

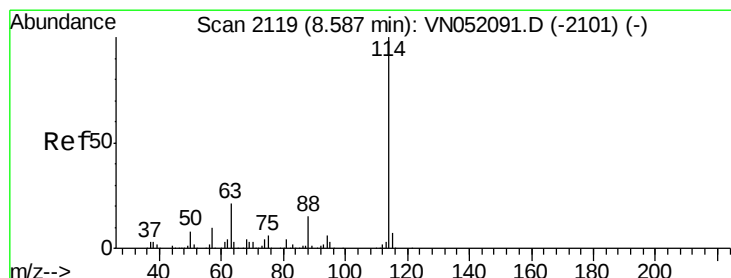
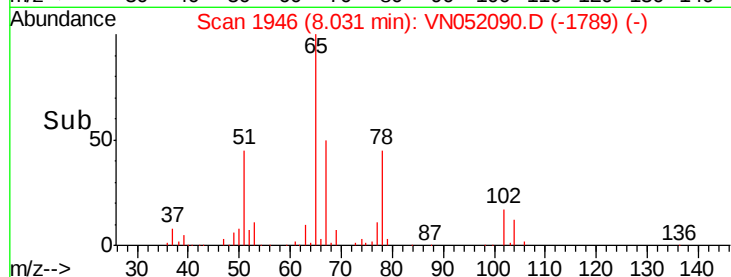
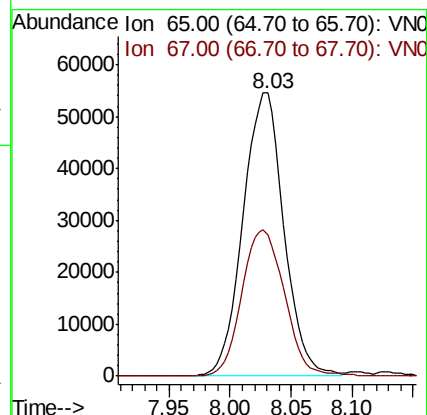
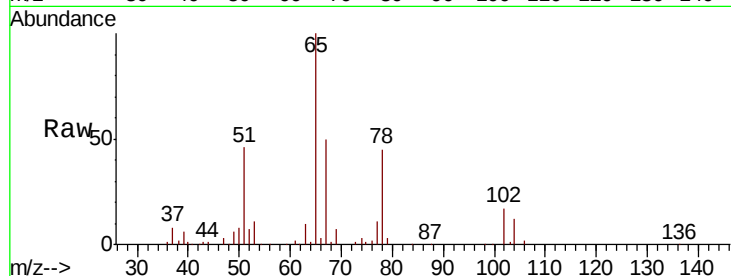
ClientSampleId :

Tgt Ion: 65 Resp: 126369

Ion Ratio Lower Upper

65 100

67 53.9 42.6 64.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

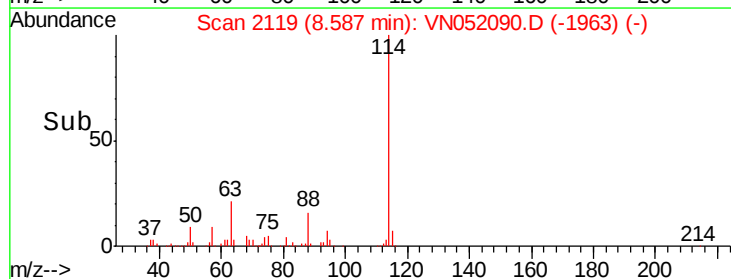
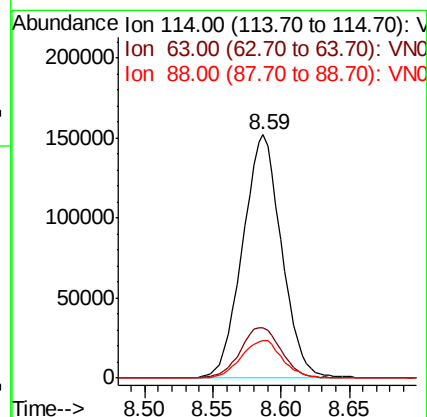
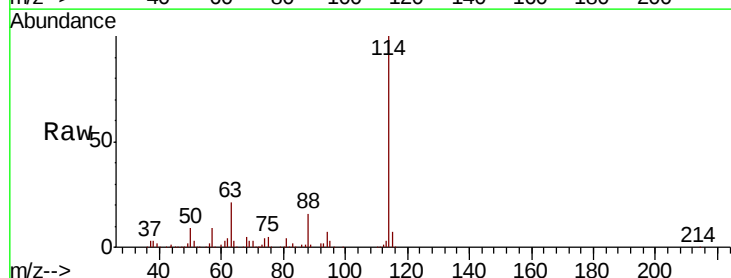
Tgt Ion: 114 Resp: 301478

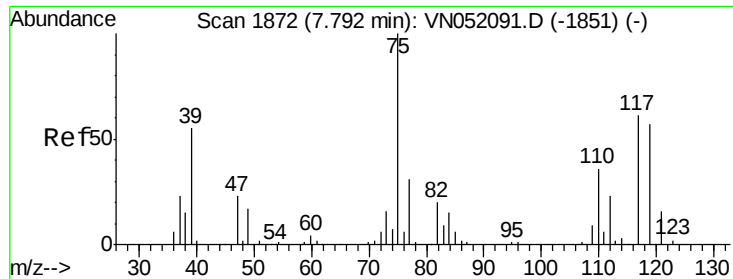
Ion Ratio Lower Upper

114 100

63 22.2 17.5 26.3

88 16.1 12.6 18.8





#29

1,1-Dichloropropene

Concen: 5.291 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampleId :

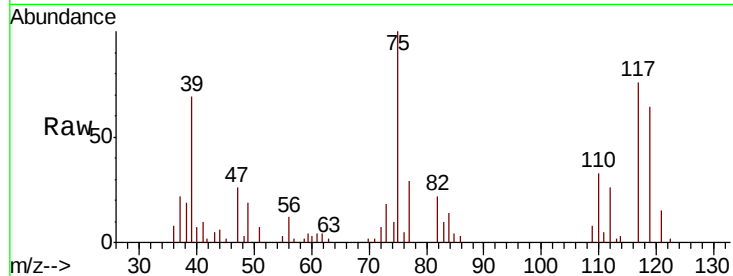
Tgt Ion: 75 Resp: 25326

Ion Ratio Lower Upper

75 100

110 33.1 0.0 67.6

77 30.3 0.0 60.2

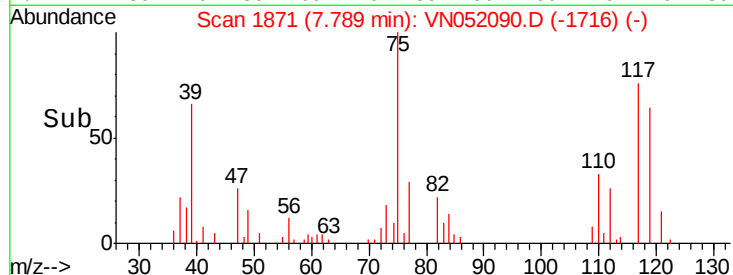


Abundance Ion 75.00 (74.70 to 75.70): VN052091.D (-1851) (-)

Ion 110.00 (109.70 to 110.70): VN052091.D (-1851) (-)

Ion 77.00 (76.70 to 77.70): VN052091.D (-1851) (-)

Time-->

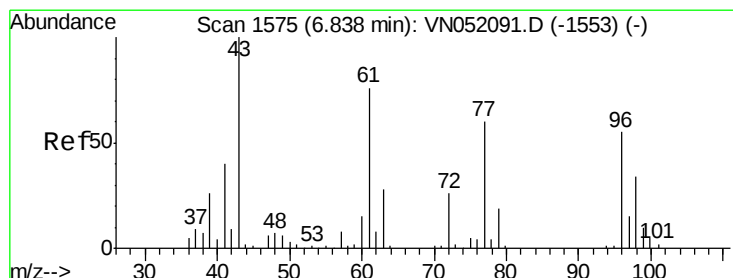


Abundance Ion 75.00 (74.70 to 75.70): VN052091.D (-1851) (-)

Ion 110.00 (109.70 to 110.70): VN052091.D (-1851) (-)

Ion 77.00 (76.70 to 77.70): VN052091.D (-1851) (-)

Time-->



#30

2-Butanone

Concen: 28.826 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

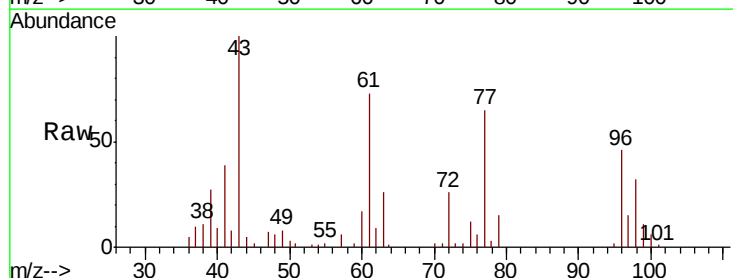
Tgt Ion: 43 Resp: 36743

Ion Ratio Lower Upper

43 100

57 1.6 6.6 9.8#

72 15.7 9.2 13.8#

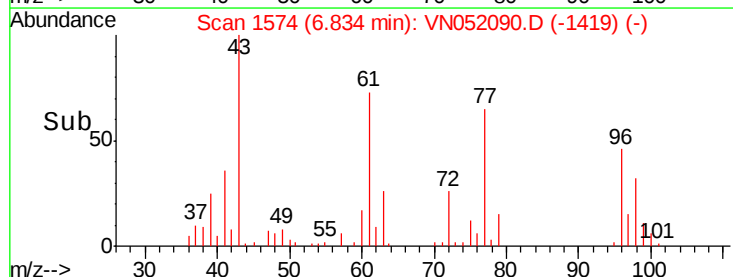


Abundance Ion 43.00 (42.70 to 43.70): VN052091.D (-1553) (-)

Ion 57.00 (56.70 to 57.70): VN052091.D (-1553) (-)

Ion 72.00 (71.70 to 72.70): VN052091.D (-1553) (-)

Time-->

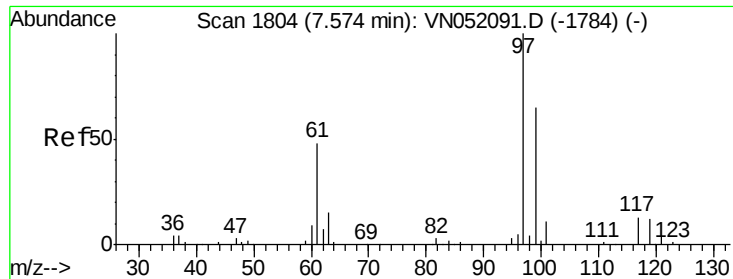


Abundance Ion 43.00 (42.70 to 43.70): VN052091.D (-1553) (-)

Ion 57.00 (56.70 to 57.70): VN052091.D (-1553) (-)

Ion 72.00 (71.70 to 72.70): VN052091.D (-1553) (-)

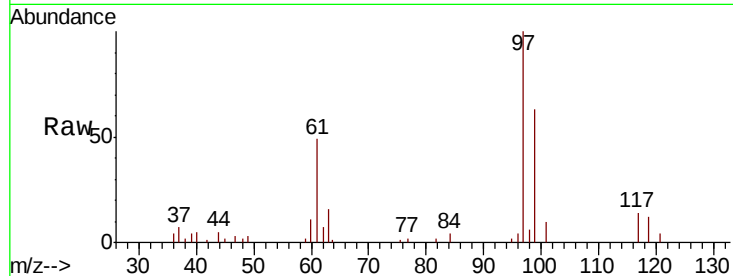
Time-->



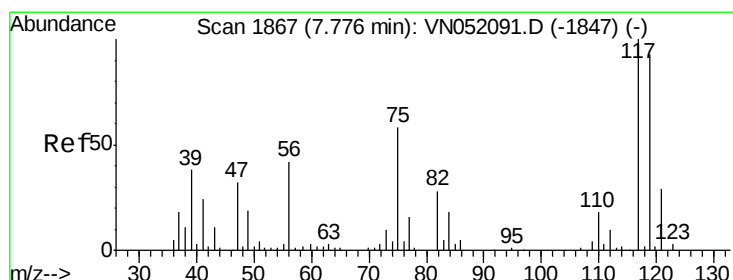
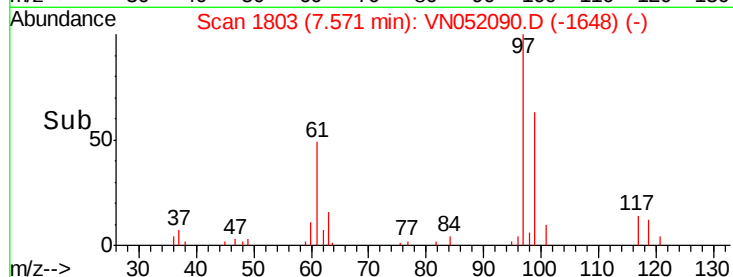
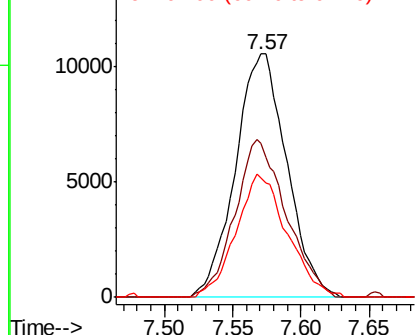
#32
 1,1,1-Trichloroethane
 Concen: 5.151 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 97 Resp: 27586
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.7 77.5
 61 50.2 38.7 58.1

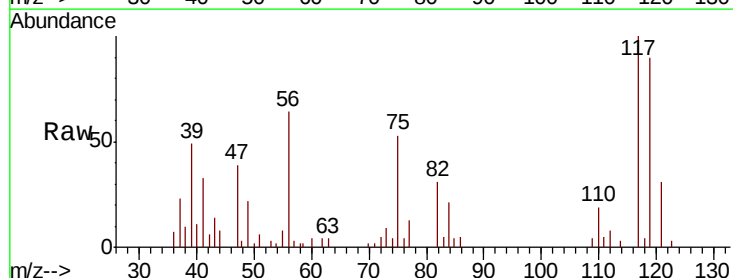


Abundance Ion 97.00 (96.70 to 97.70): VN0
 Ion 99.00 (98.70 to 99.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0

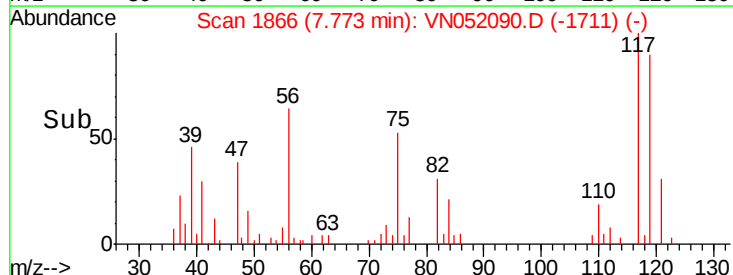
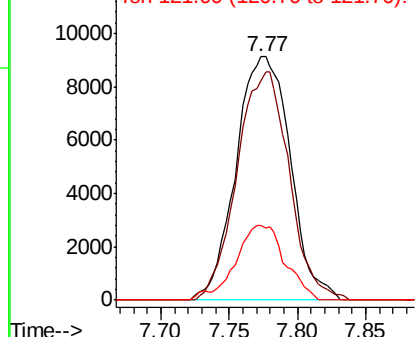


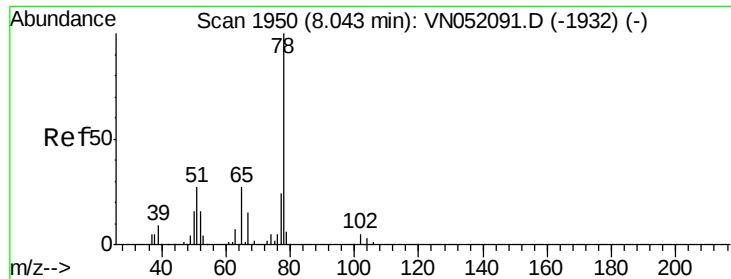
#33
 Carbon Tetrachloride
 Concen: 5.296 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 117 Resp: 25222
 Ion Ratio Lower Upper
 117 100
 119 89.9 74.7 112.1
 121 30.7 23.4 35.0



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 5.398 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampleId :

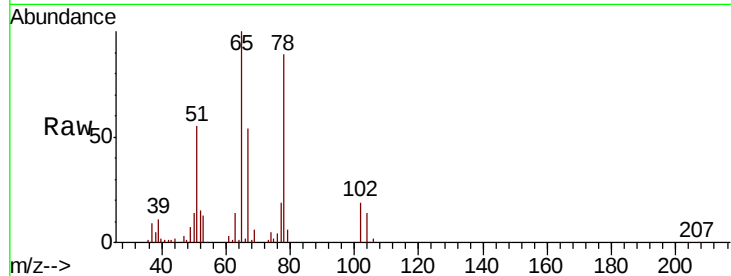
Tgt Ion: 78 Resp: 75646

Ion Ratio Lower Upper

78 100

77 21.5 19.1 28.7

51 59.4 21.2 31.8#

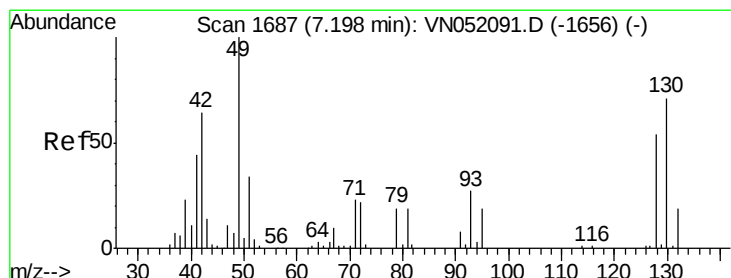
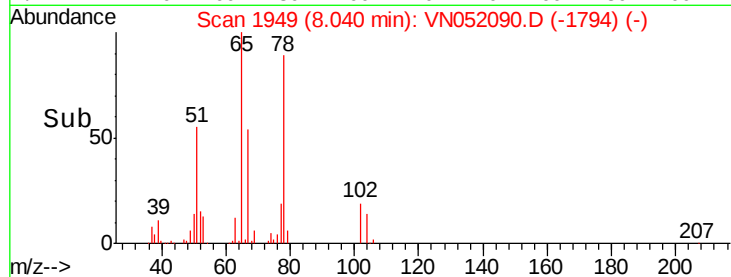
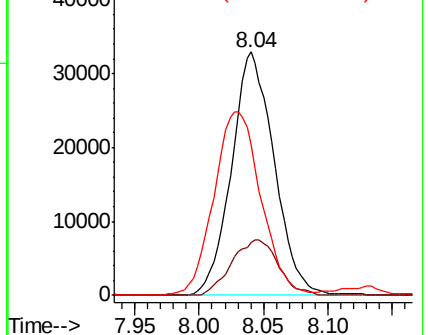


Abundance

Ion 78.10 (77.80 to 78.80): VN052091.D (-1932) (-)

Ion 77.00 (76.70 to 77.70): VN052091.D (-1932) (-)

Ion 51.00 (50.70 to 51.70): VN052091.D (-1932) (-)



#35

Methacrylonitrile

Concen: 2.690 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.03 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Tgt Ion: 41 Resp: 6938

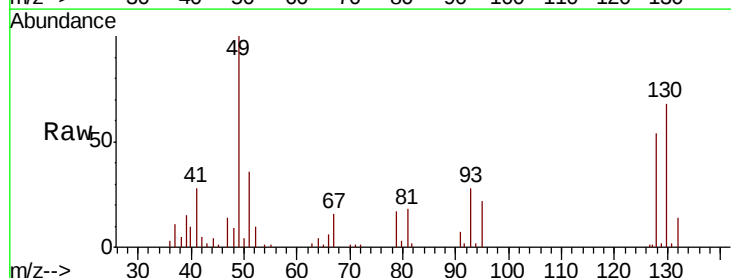
Ion Ratio Lower Upper

41 100

39 52.2 26.1 78.3

67 62.4 11.0 33.0#

52 34.2 4.7 14.1#



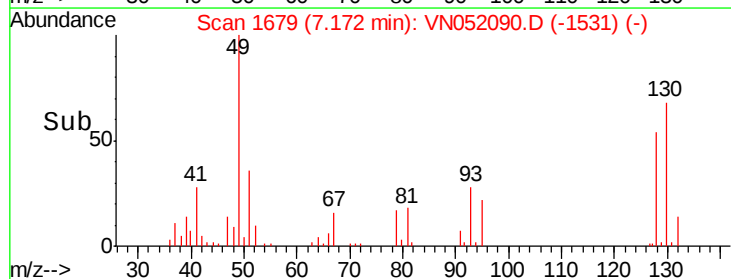
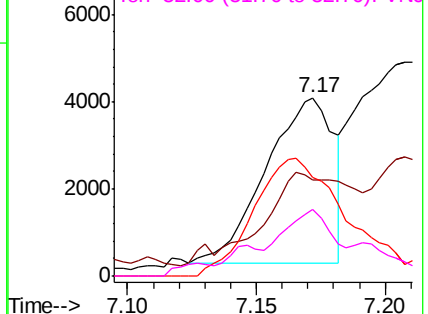
Abundance

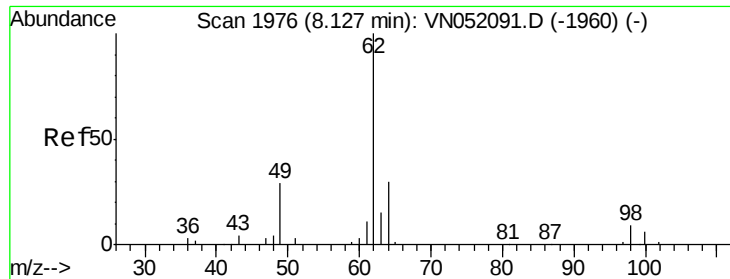
Ion 41.00 (40.70 to 41.70): VN052091.D (-1656) (-)

Ion 39.00 (38.70 to 39.70): VN052091.D (-1656) (-)

Ion 67.00 (66.70 to 67.70): VN052091.D (-1656) (-)

Ion 52.00 (51.70 to 52.70): VN052091.D (-1656) (-)

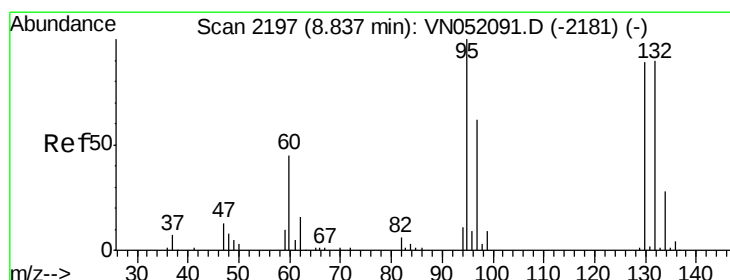
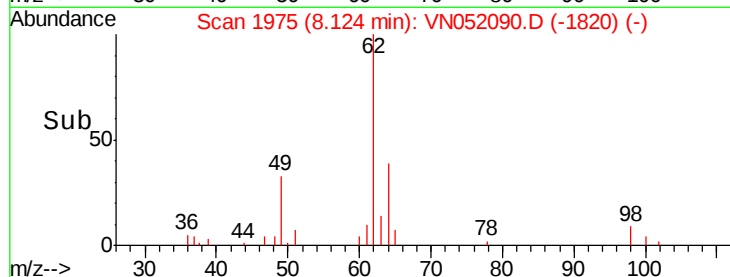
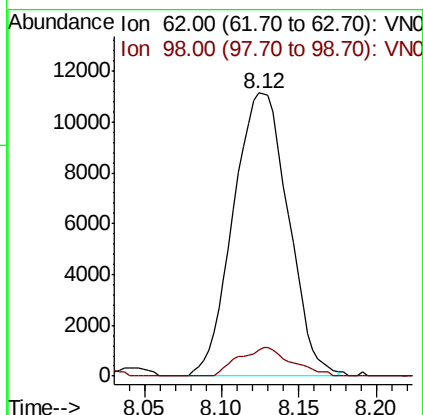
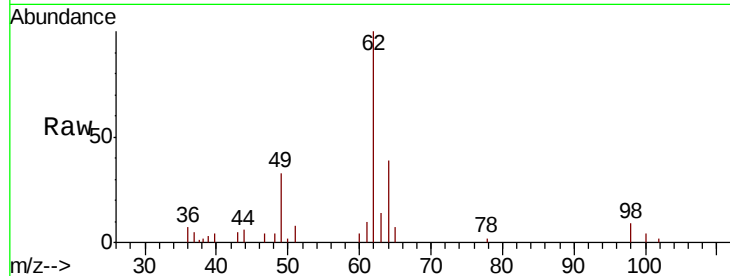




#36
 1,2-Dichloroethane
 Concen: 5.883 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

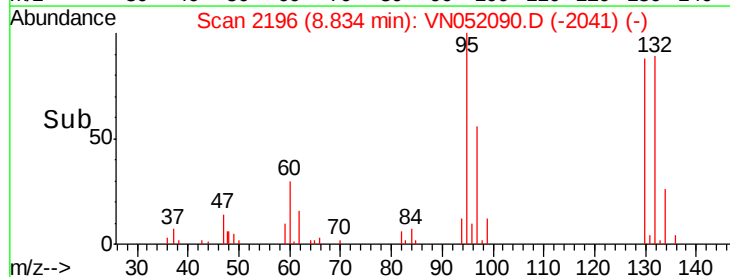
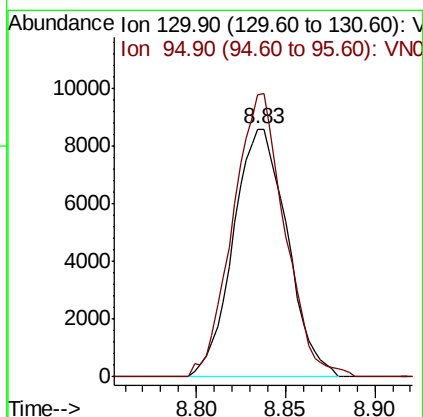
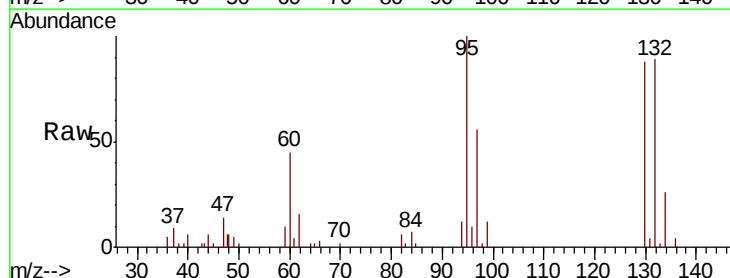
Instrument :
 MSVOA_X
 ClientSampleId :

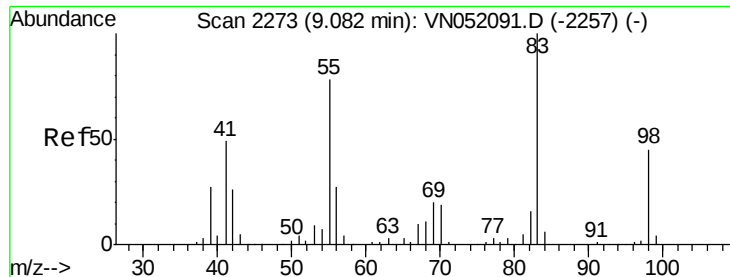
Tgt Ion: 62 Resp: 27567
 Ion Ratio Lower Upper
 62 100
 98 9.7 6.7 10.1



#37
 Trichloroethene
 Concen: 5.157 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion:130 Resp: 18090
 Ion Ratio Lower Upper
 130 100
 95 114.1 89.9 134.9

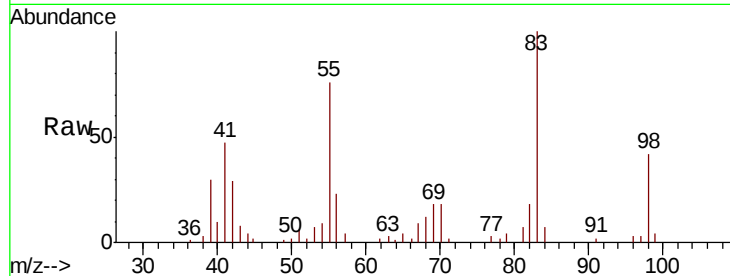




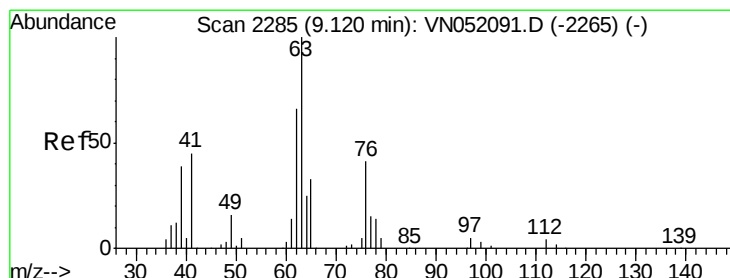
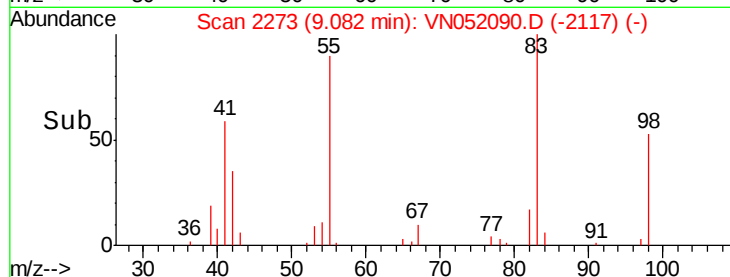
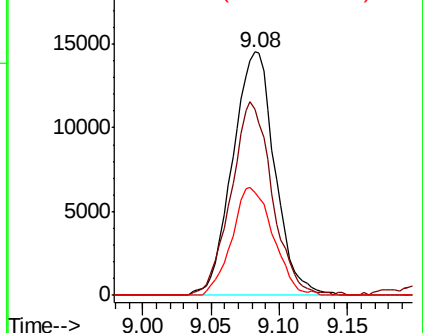
#38
Methylcyclohexane
Concen: 5.354 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 83 Resp: 31260
Ion Ratio Lower Upper
83 100
55 77.2 38.5 115.3
98 43.2 23.2 69.6

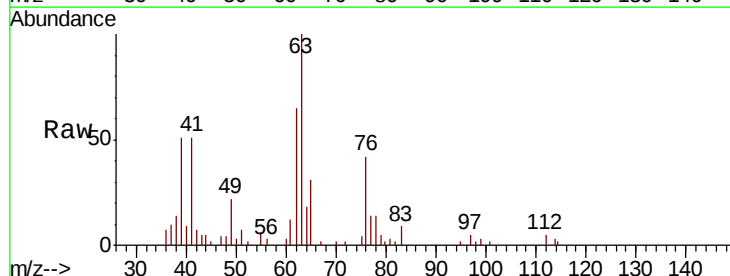


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

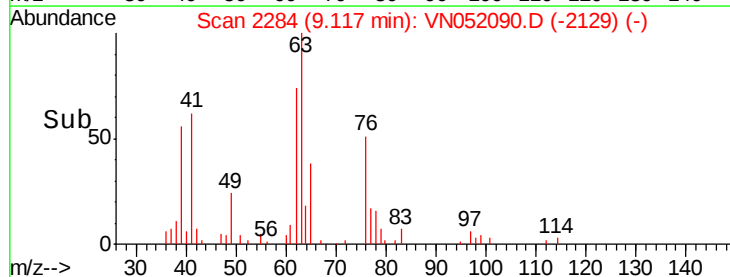
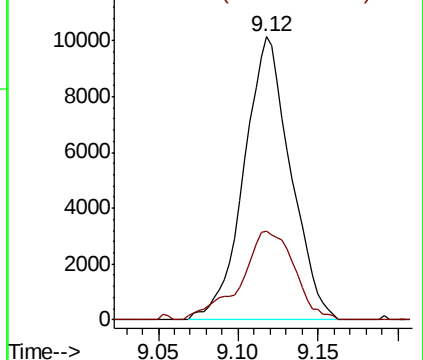


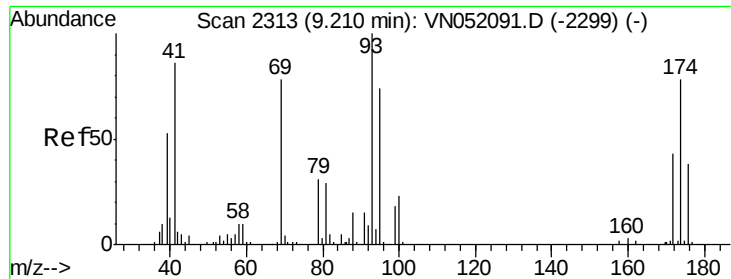
#39
1,2-Dichloropropane
Concen: 5.432 ug/l
RT: 9.12 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion: 63 Resp: 20265
Ion Ratio Lower Upper
63 100
65 31.3 27.3 40.9



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 65.00 (64.70 to 65.70): VN0





#40

Dibromomethane

Concen: 5.585 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.01 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampled :

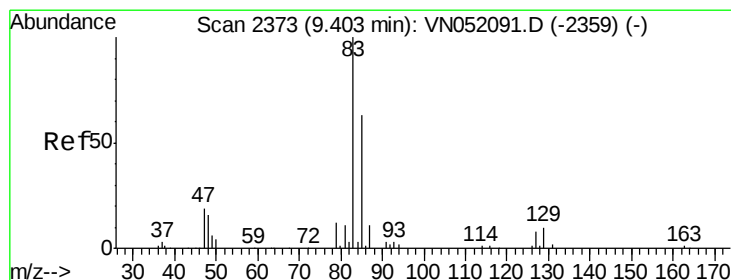
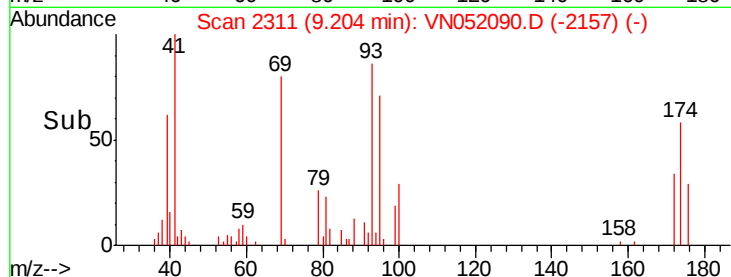
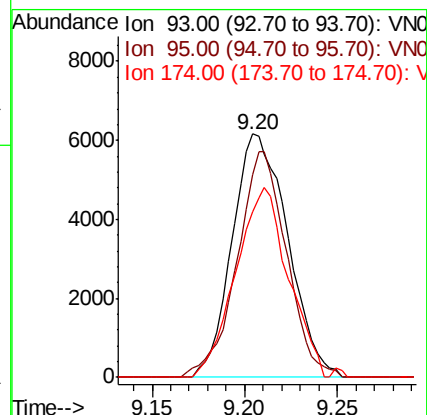
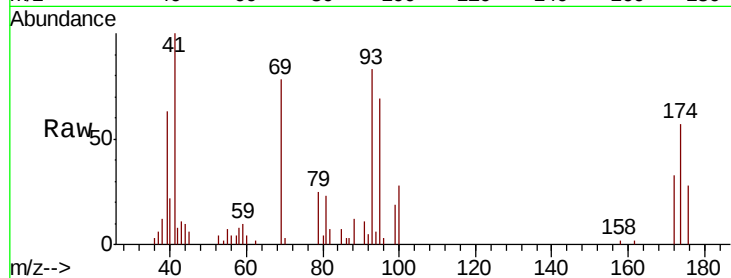
Tgt Ion: 93 Resp: 12842

Ion Ratio Lower Upper

93 100

95 82.8 0.0 161.2

174 73.9 0.0 165.0



#41

Bromodichloromethane

Concen: 5.172 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

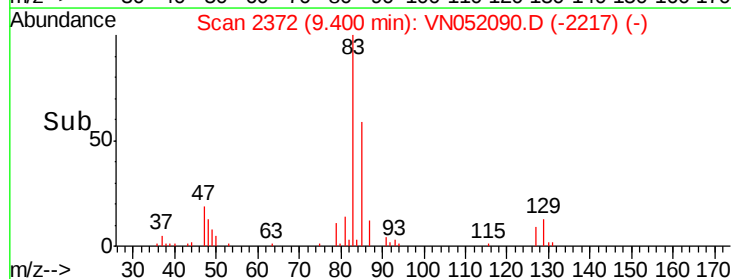
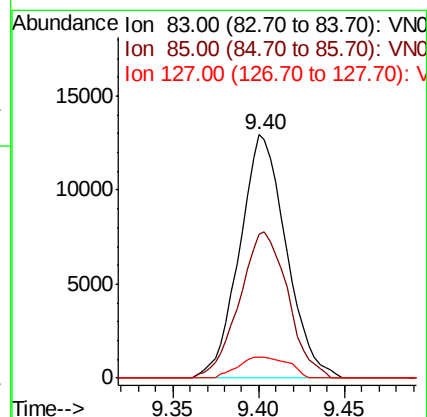
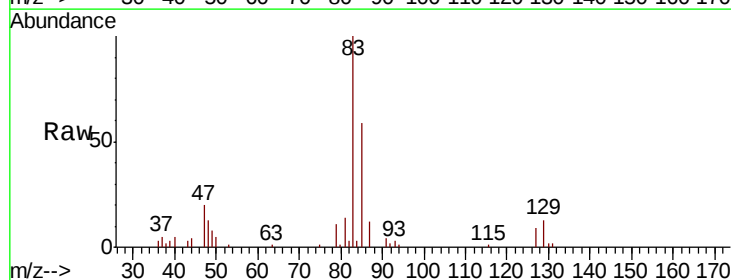
Tgt Ion: 83 Resp: 24336

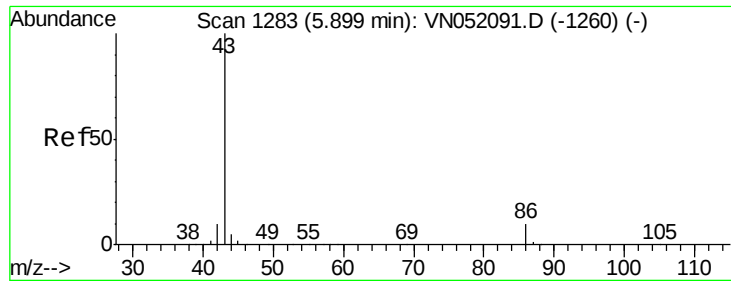
Ion Ratio Lower Upper

83 100

85 59.2 50.2 75.2

127 8.8 6.6 10.0





#42

Vinyl Acetate

Concen: 25.389 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

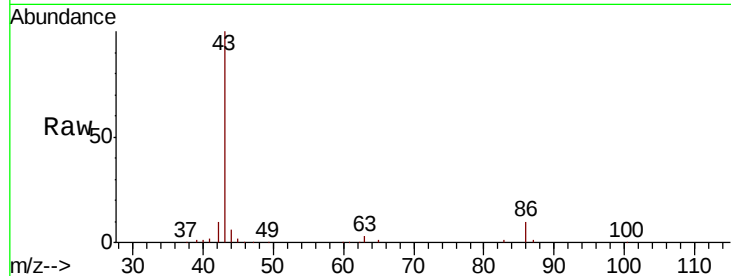
ClientSampleId :

Tgt Ion: 43 Resp: 189459

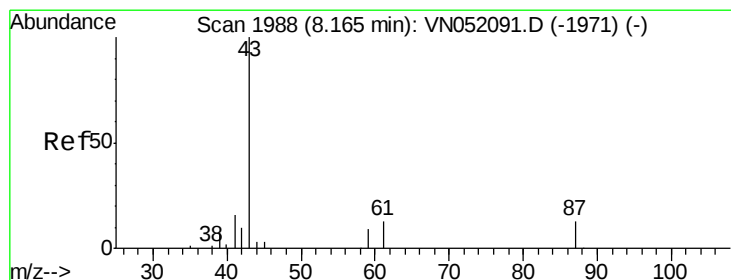
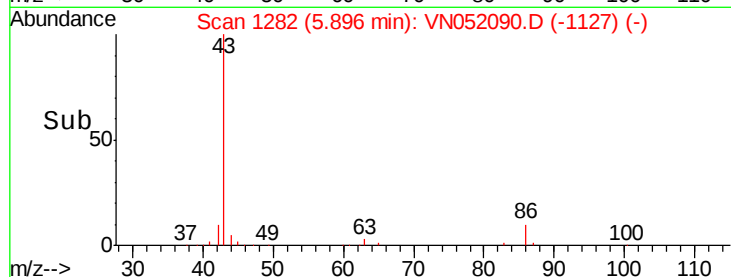
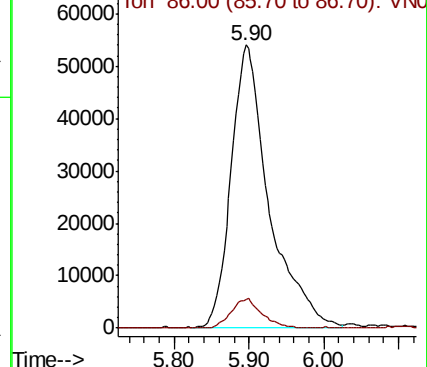
Ion Ratio Lower Upper

43 100

86 8.4 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN052090.D (-1282) (-)



#44

Isopropyl Acetate

Concen: 5.505 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052090.D

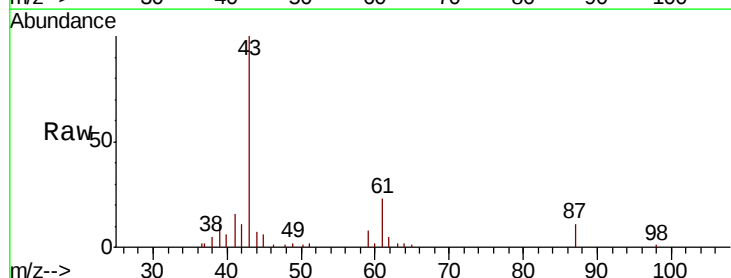
Acq: 1 Nov 2018 8:22

Tgt Ion: 43 Resp: 29198

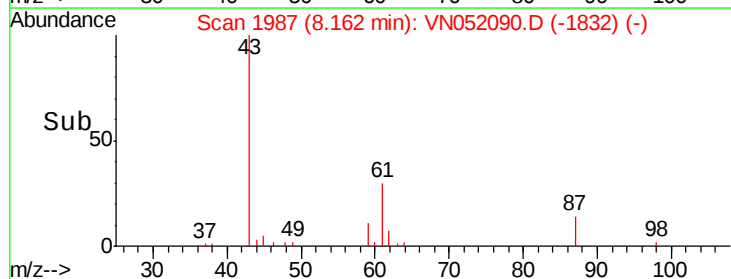
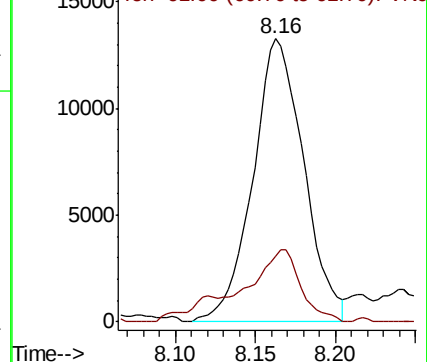
Ion Ratio Lower Upper

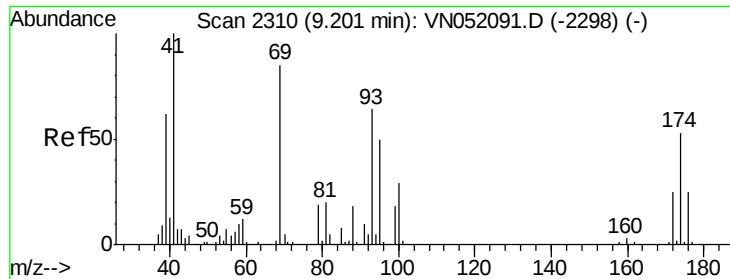
43 100

61 22.5 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VN052090.D (-1987) (-)

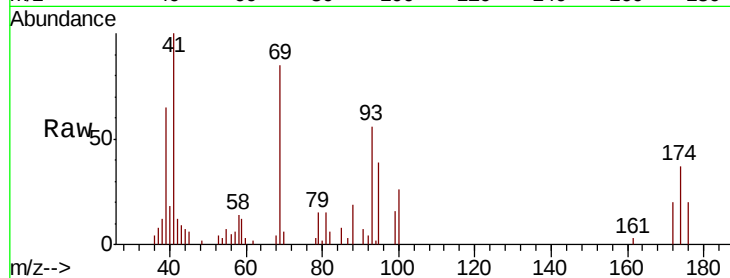




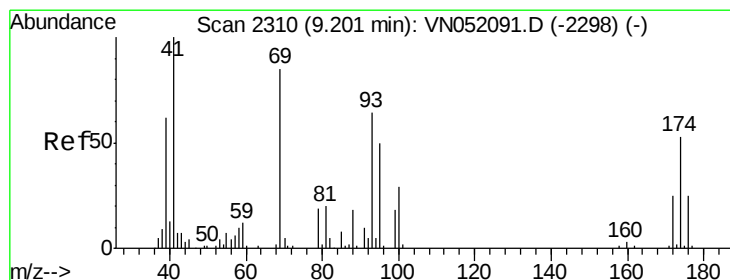
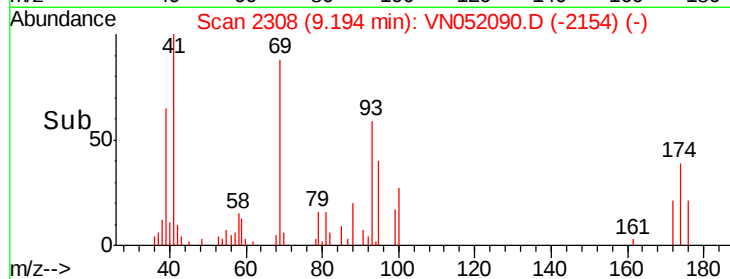
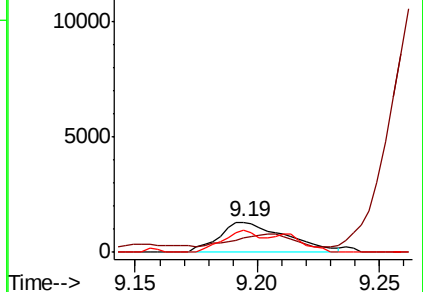
#45
 1,4-Dioxane
 Concen: 102.542 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 88 Resp: 2481
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.6 43.0#
 58 43.2 37.8 56.8

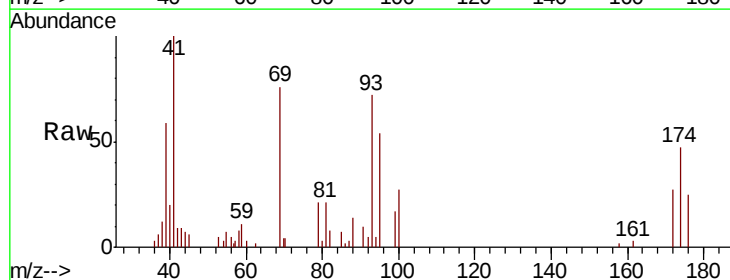


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

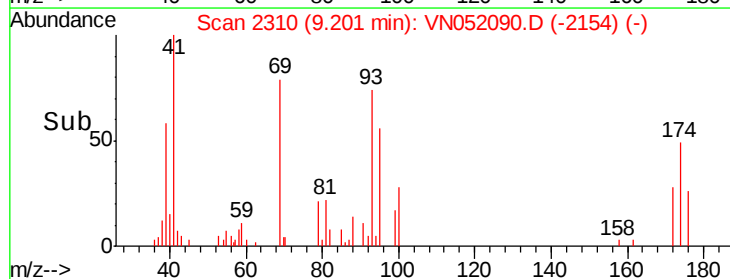
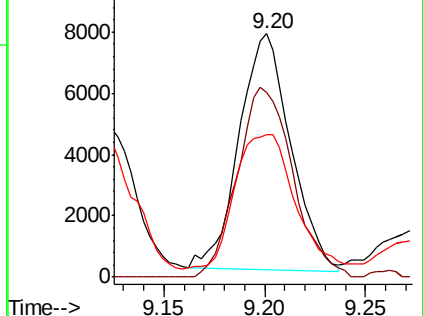


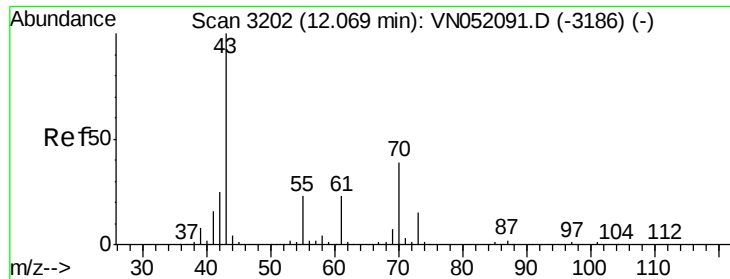
#46
 Methyl methacrylate
 Concen: 5.243 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 41 Resp: 13841
 Ion Ratio Lower Upper
 41 100
 69 78.7 42.5 127.6
 39 57.0 31.1 93.3



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

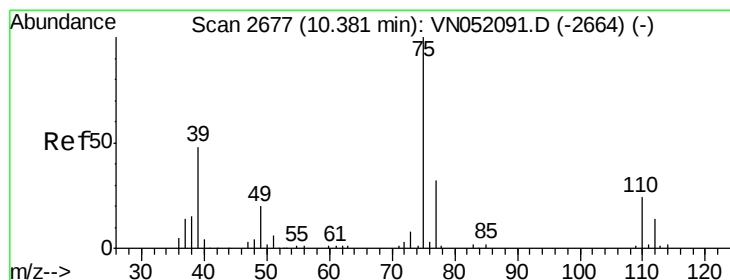
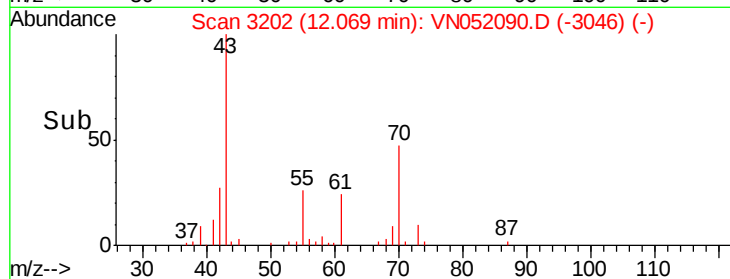
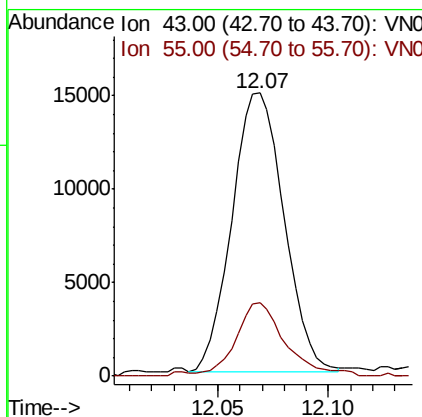
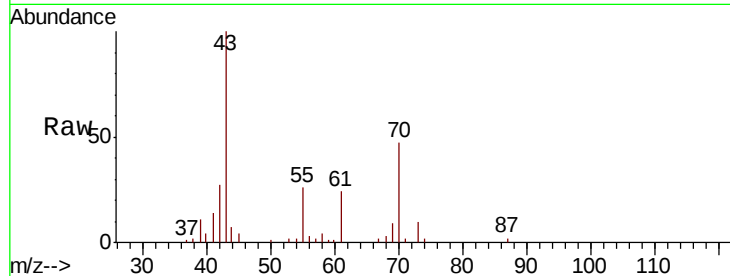




#47
n-amyl Acetate
Concen: 5.068 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

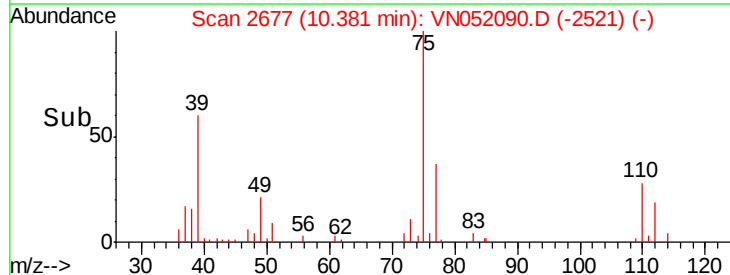
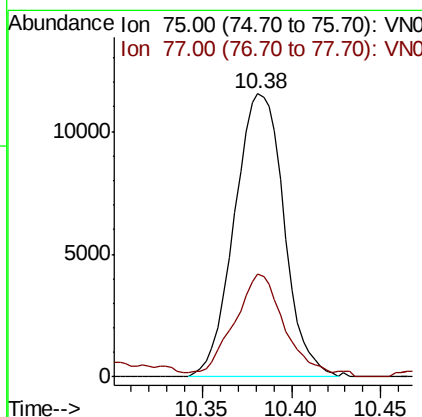
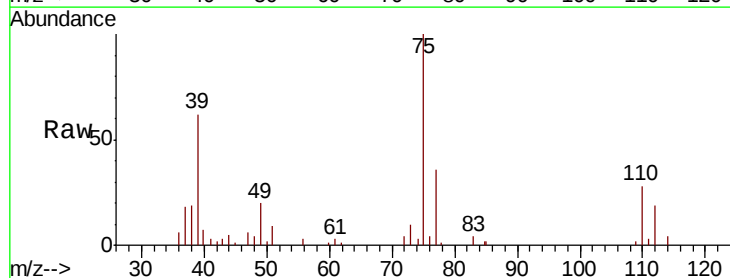
Instrument :
MSVOA_X
ClientSampleId :

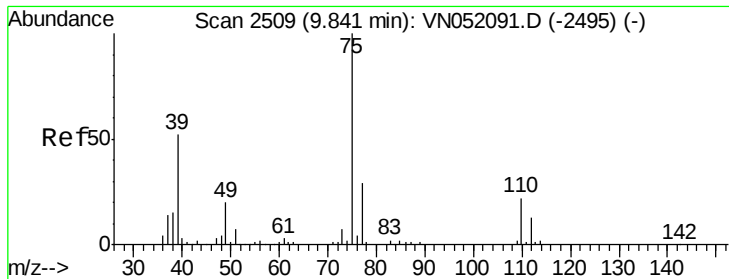
Tgt Ion: 43 Resp: 24385
Ion Ratio Lower Upper
43 100
55 25.0 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 4.795 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion: 75 Resp: 22400
Ion Ratio Lower Upper
75 100
77 34.6 26.3 39.5



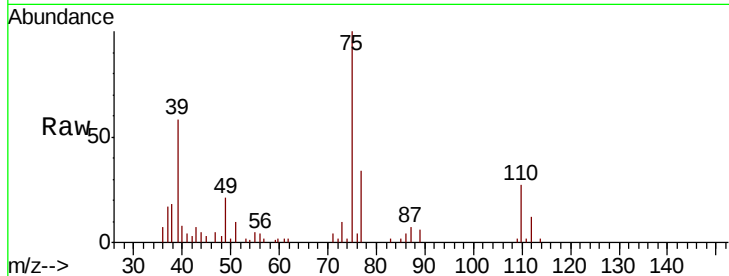


#49

cis-1,3-Dichloropropene
 Concen: 4.704 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	23.3	34.9
39	55.2	41.6	62.4

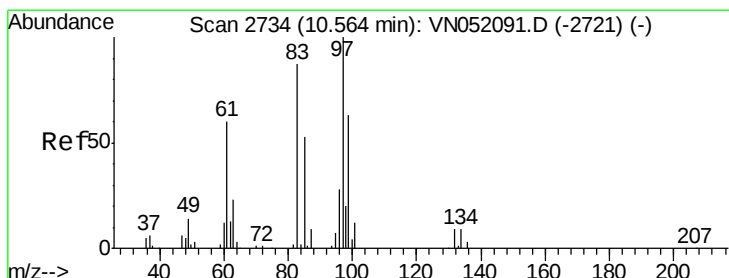
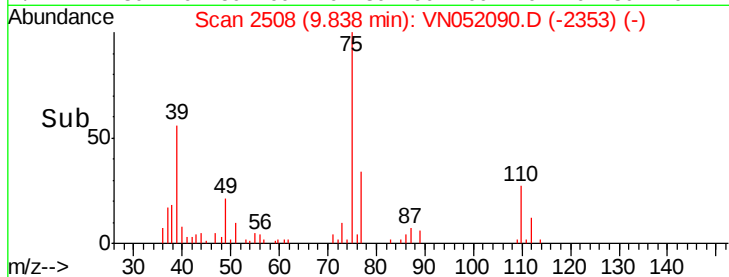
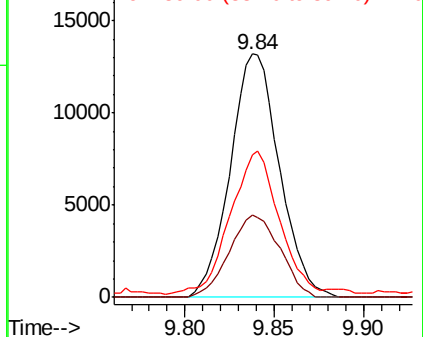


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane
 Concen: 5.406 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	99.4	69.4	104.0
85	62.9	42.7	64.1
99	66.3	50.6	75.8

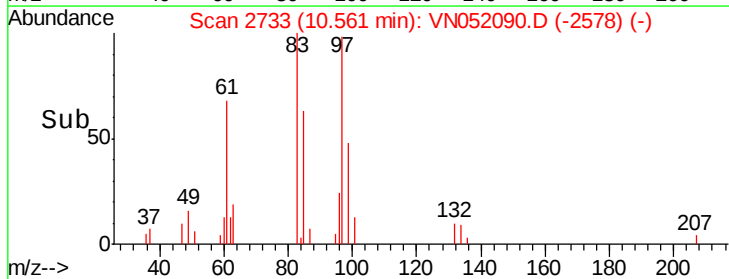
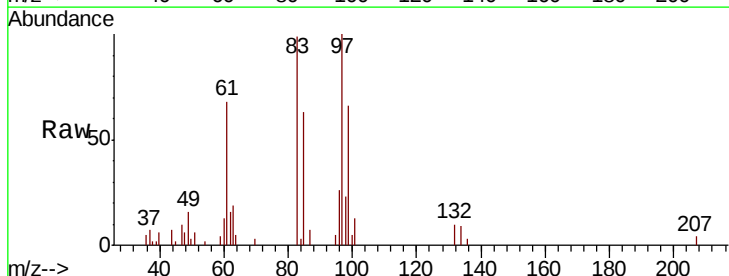
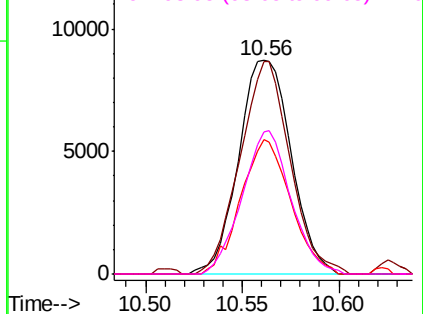
Abundance

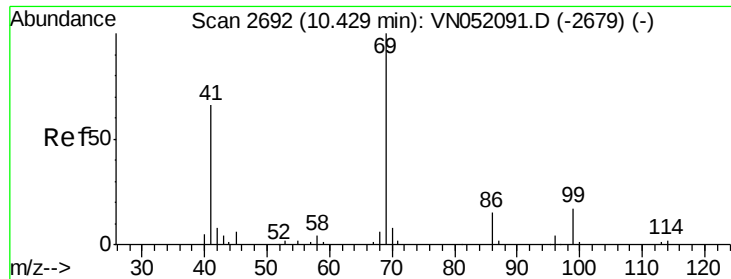
Ion 97.00 (96.70 to 97.70): VNO

Ion 82.95 (82.65 to 83.65): VNO

Ion 84.95 (84.65 to 85.65): VNO

Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 5.058 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampleId :

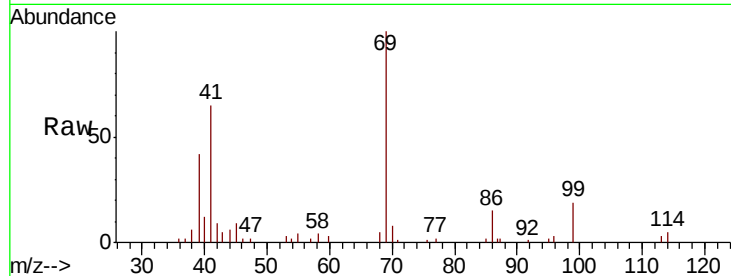
Tgt Ion: 69 Resp: 19876

Ion Ratio Lower Upper

69 100

41 63.9 33.0 99.0

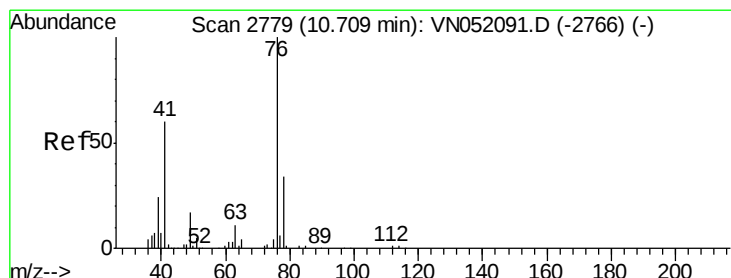
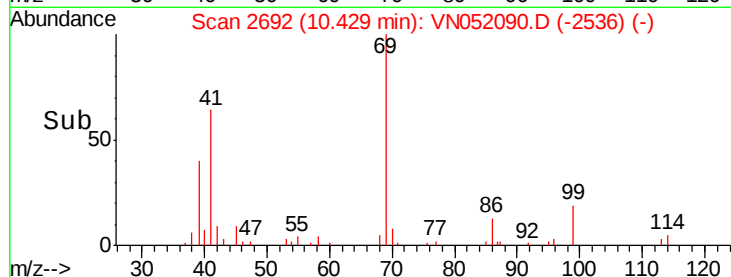
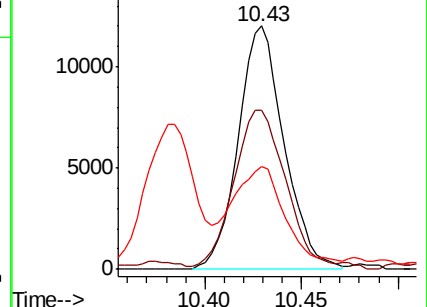
39 38.9 20.7 62.1



Abundance Ion 69.00 (68.70 to 69.70): VN052090.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN052090.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN052090.D (-2679) (-)



#52

1,3-Dichloropropane

Concen: 5.480 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN052090.D

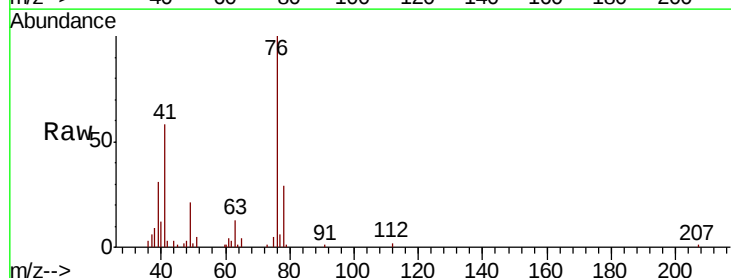
Acq: 1 Nov 2018 8:22

Tgt Ion: 76 Resp: 29026

Ion Ratio Lower Upper

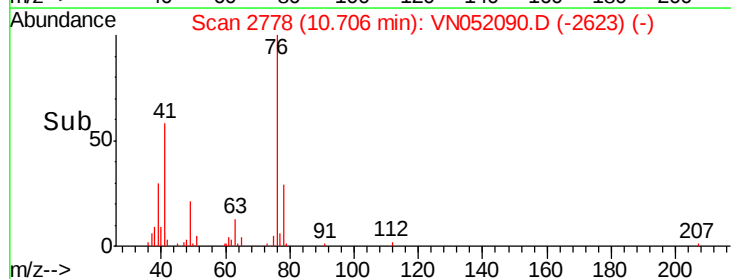
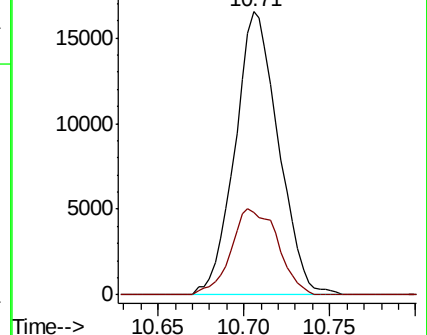
76 100

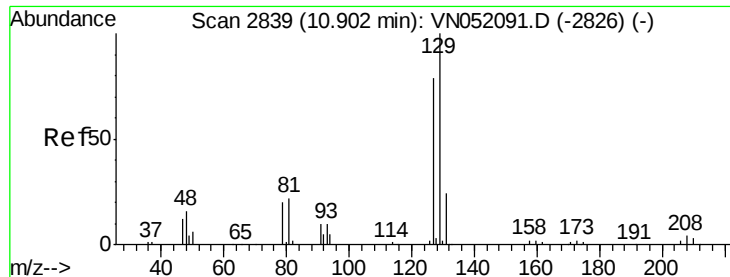
78 23.0 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VN052090.D (-2623) (-)

Ion 78.00 (77.70 to 78.70): VN052090.D (-2623) (-)





#53

Dibromochloromethane

Concen: 4.439 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

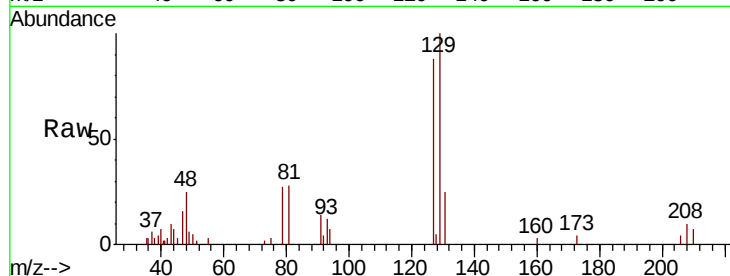
ClientSampleId :

Tgt Ion:129 Resp: 14573

Ion Ratio Lower Upper

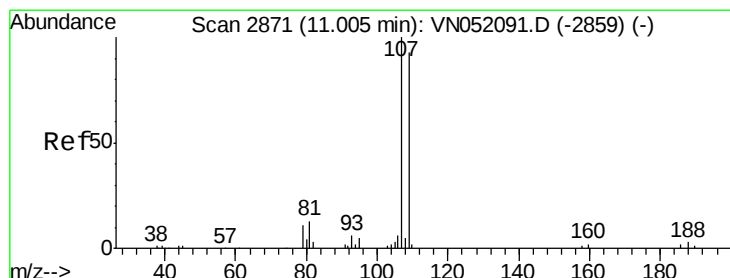
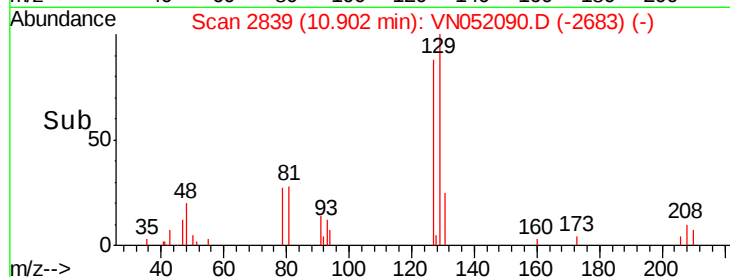
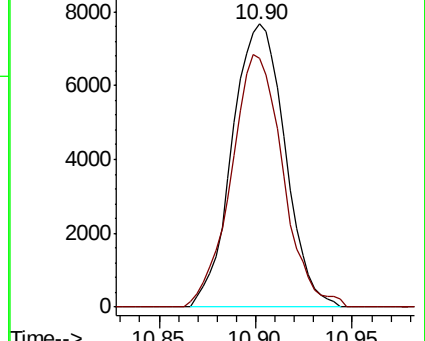
129 100

127 87.4 39.2 117.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 5.168 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN052090.D

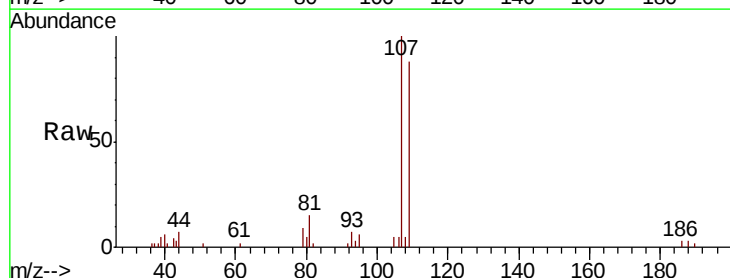
Acq: 1 Nov 2018 8:22

Tgt Ion:107 Resp: 15935

Ion Ratio Lower Upper

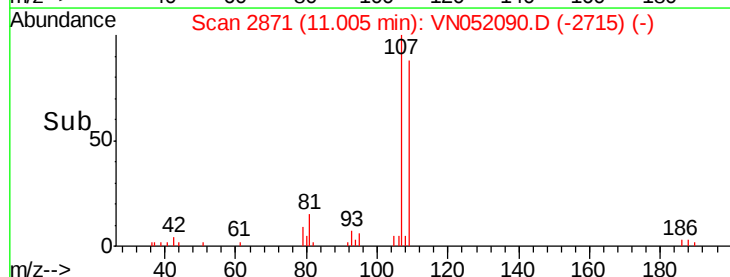
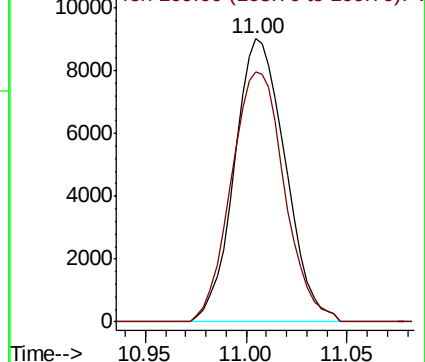
107 100

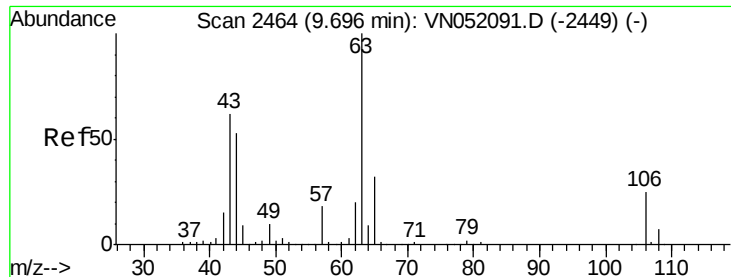
109 92.2 77.0 115.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

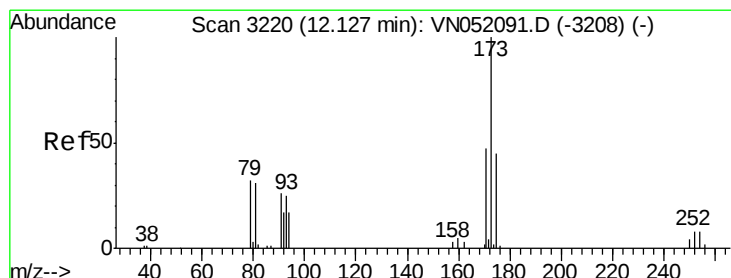
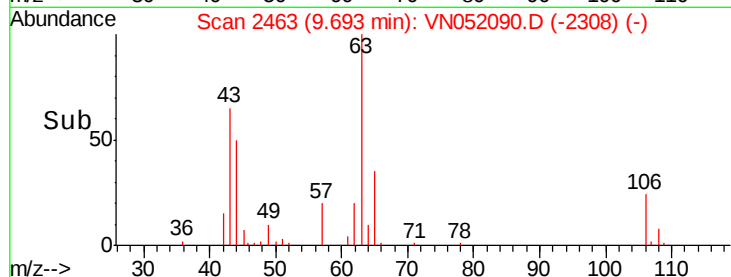
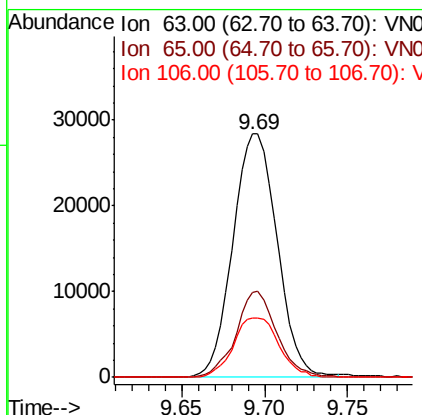
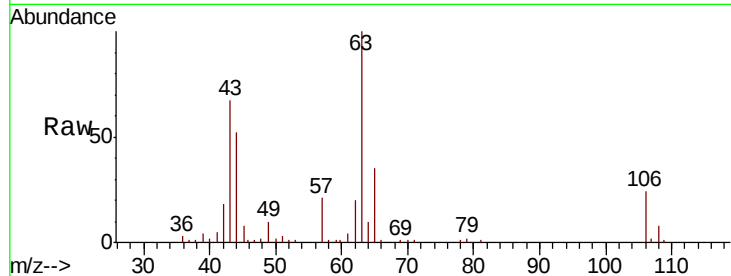




#55
 2-Chloroethyl vinyl ether
 Concen: 24.536 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

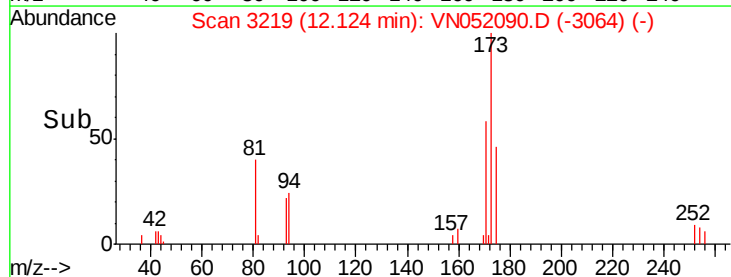
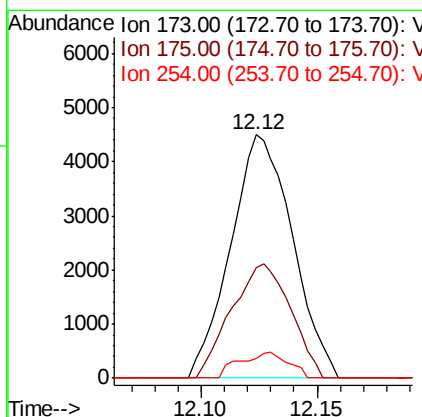
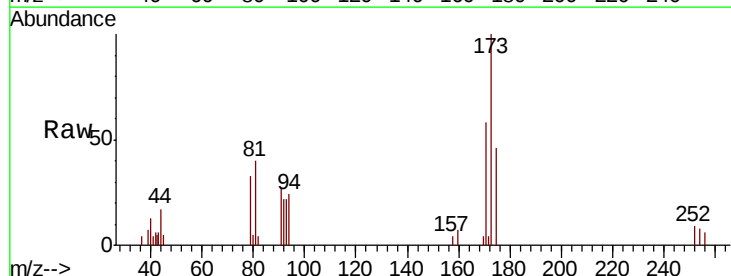
Instrument :
 MSVOA_X
 ClientSampled :

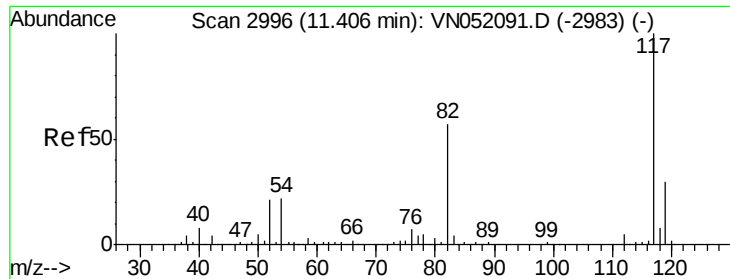
Tgt Ion: 63 Resp: 52802
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.5 38.3
 106 25.0 20.4 30.6



#56
 Bromoform
 Concen: 4.394 ug/l
 RT: 12.12 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 173 Resp: 8332
 Ion Ratio Lower Upper
 173 100
 175 45.1 37.3 55.9
 254 5.6 7.0 10.6#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampleId :

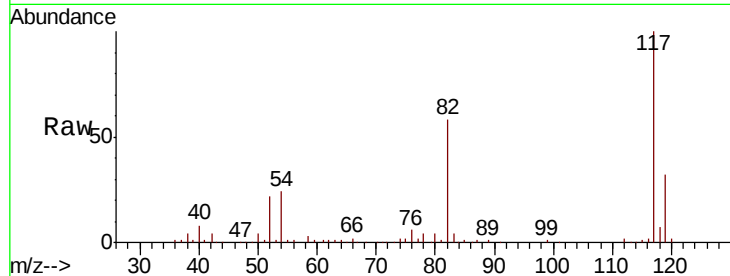
Tgt Ion: 117 Resp: 269122

Ion Ratio Lower Upper

117 100

82 58.2 45.0 67.6

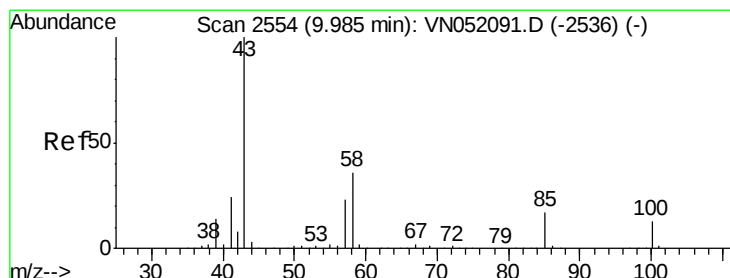
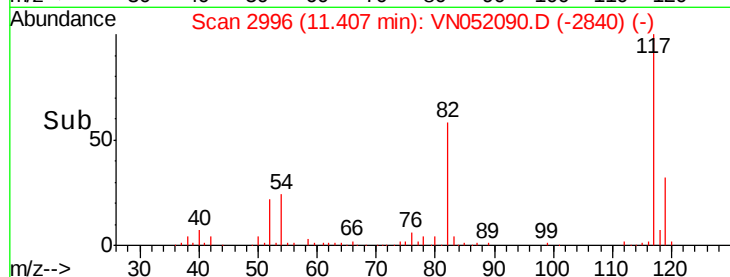
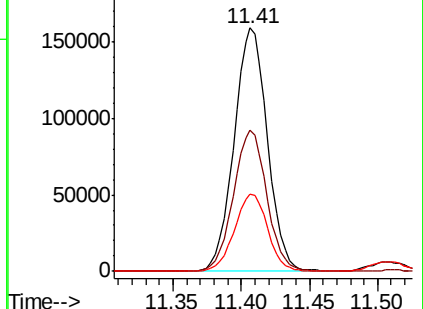
119 31.4 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): VN052091.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN052091.D (-2983) (-)

Ion 119.00 (118.70 to 119.70): VN052091.D (-2983) (-)



#58

4-Methyl-2-Pentanone

Concen: 28.295 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

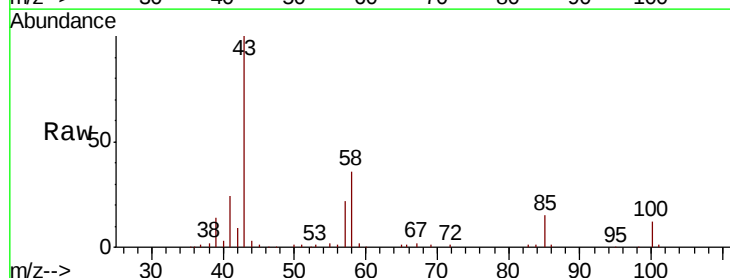
Tgt Ion: 43 Resp: 81596

Ion Ratio Lower Upper

43 100

58 37.1 29.0 43.6

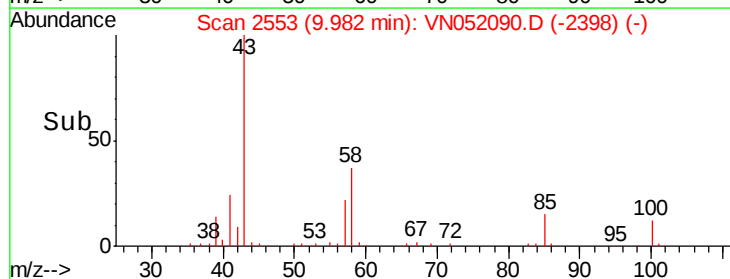
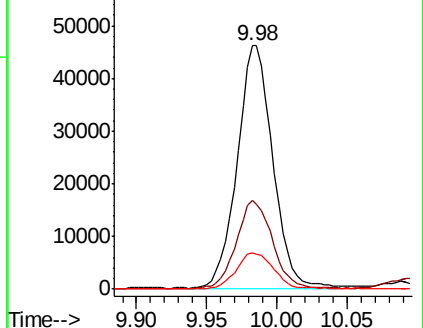
85 15.8 13.4 20.2

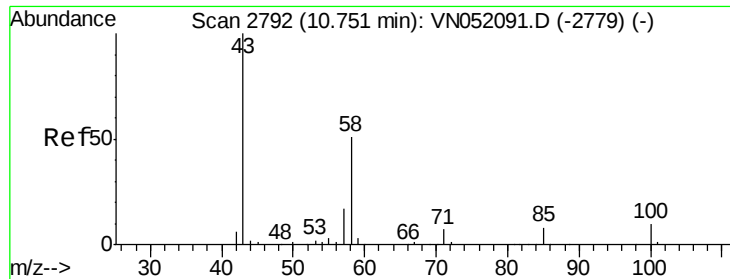


Abundance Ion 43.00 (42.70 to 43.70): VN052091.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN052091.D (-2536) (-)

Ion 85.00 (84.70 to 85.70): VN052091.D (-2536) (-)

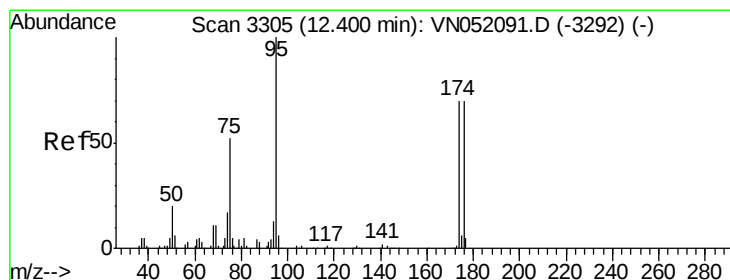
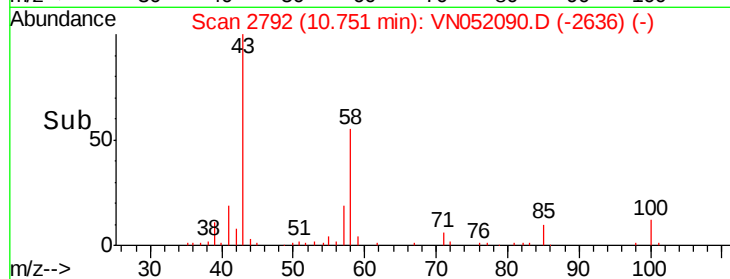
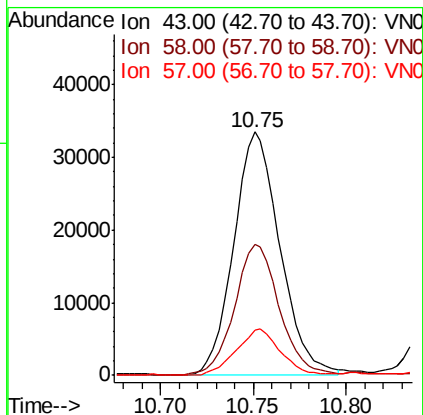
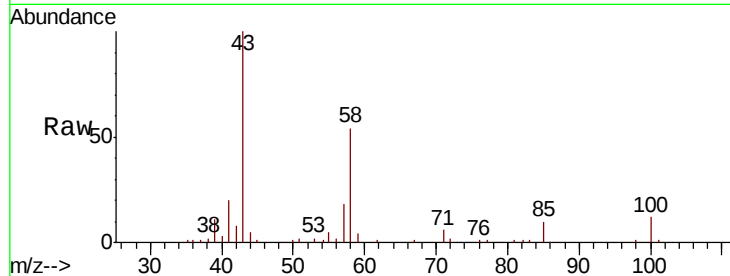




#59
2-Hexanone
Concen: 29.197 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

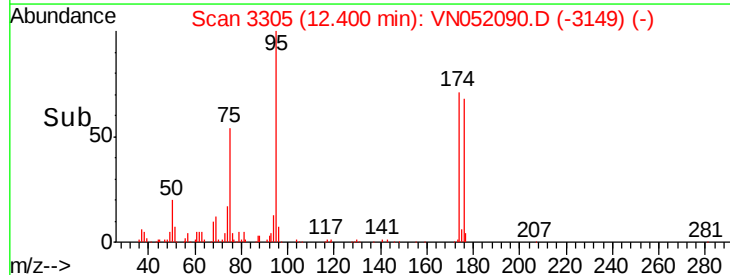
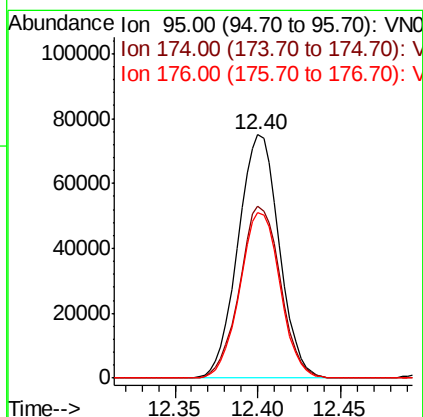
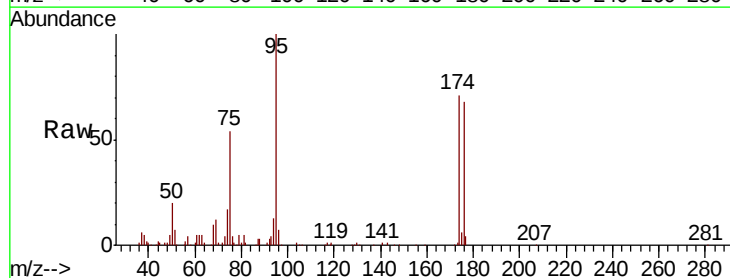
Instrument :
MSVOA_X
ClientSampleId :

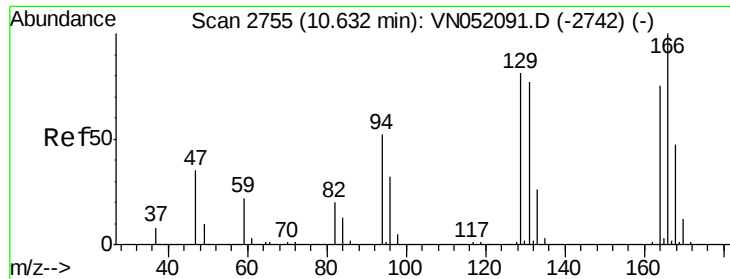
Tgt Ion: 43 Resp: 57973
Ion Ratio Lower Upper
43 100
58 52.2 40.8 61.2
57 18.2 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 29.197 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion: 95 Resp: 129380
Ion Ratio Lower Upper
95 100
174 70.1 55.0 82.6
176 66.6 54.2 81.4





#61

Tetrachloroethene

Concen: 5.283 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:164 Resp: 15463

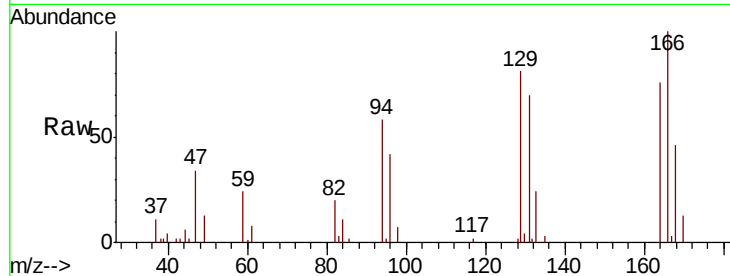
Ion Ratio Lower Upper

164 100

166 131.4 106.4 159.6

129 105.1 87.0 130.4

131 91.8 81.4 122.2

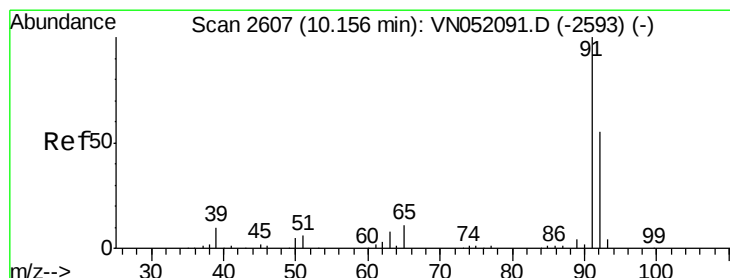
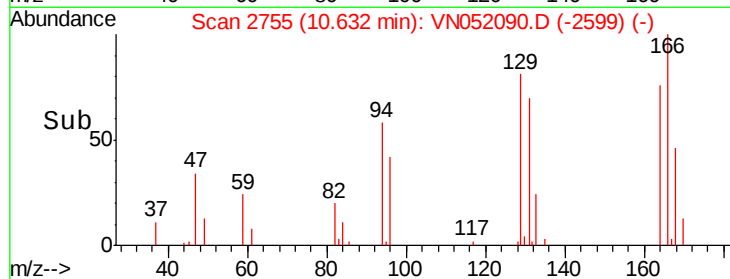
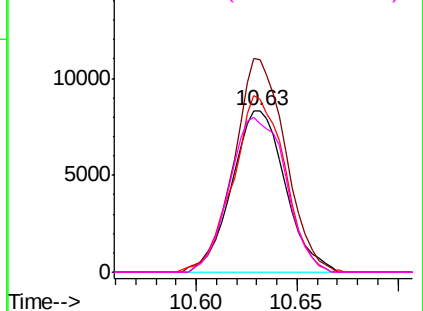


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.191 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052090.D

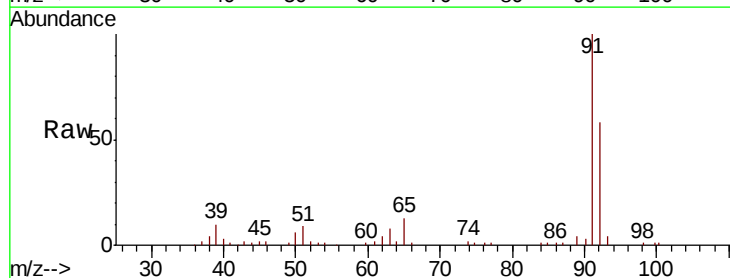
Acq: 1 Nov 2018 8:22

Tgt Ion: 91 Resp: 78420

Ion Ratio Lower Upper

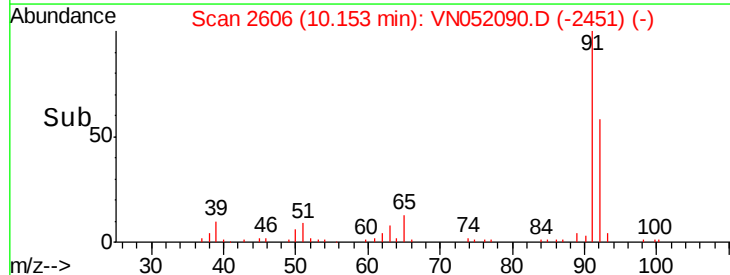
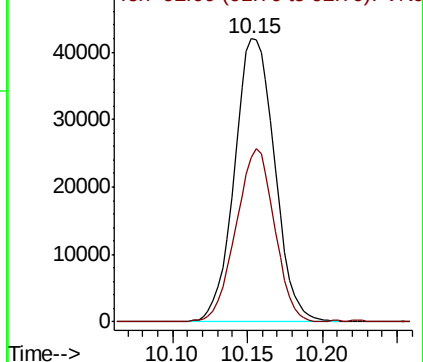
91 100

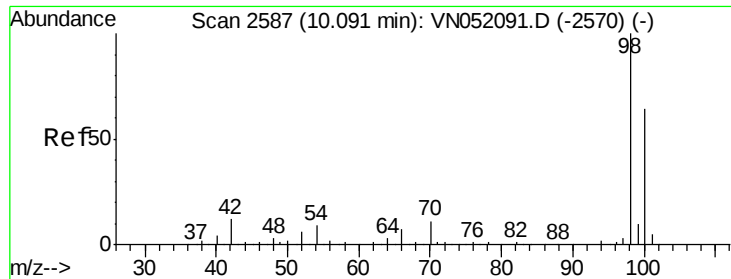
92 58.6 44.6 67.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 5.191 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

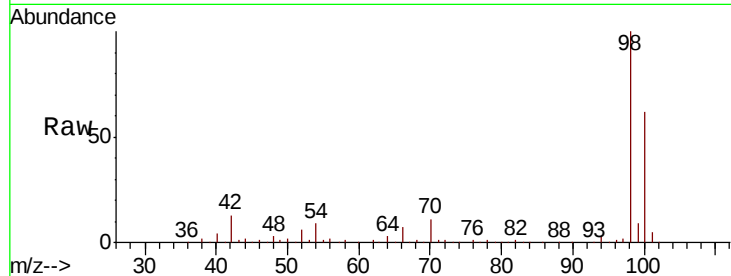
ClientSampled :

Tgt Ion: 98 Resp: 391080

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN052091.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052091.D (-2570) (-)

250000

200000

150000

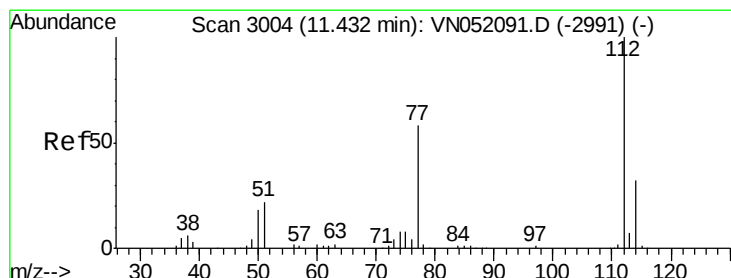
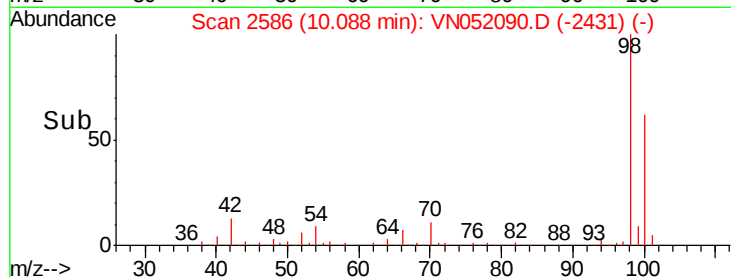
100000

50000

0

10.00 10.05 10.10 10.15

Time-->



#64

Chlorobenzene

Concen: 5.310 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN052090.D

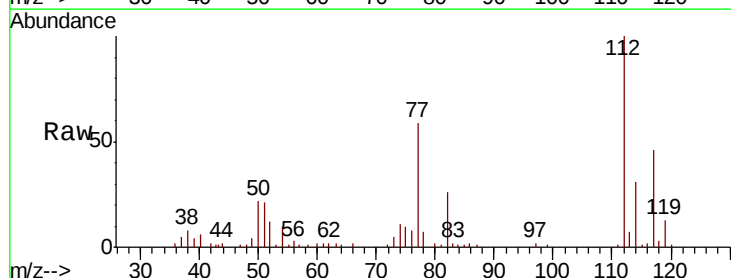
Acq: 1 Nov 2018 8:22

Tgt Ion: 112 Resp: 50845

Ion Ratio Lower Upper

112 100

114 31.0 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VN052091.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN052091.D (-2991) (-)

30000

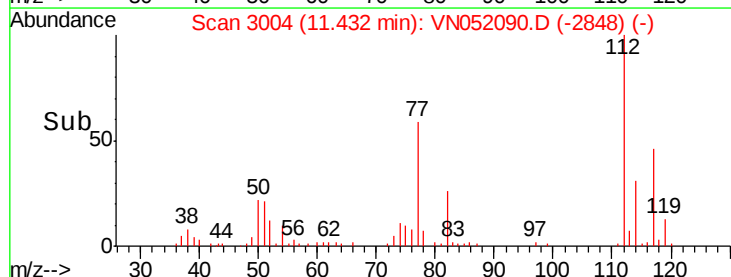
20000

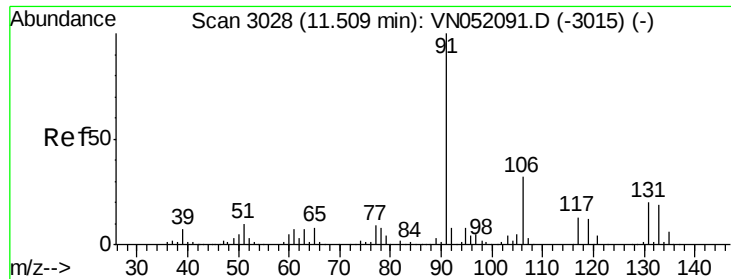
10000

0

11.40 11.45 11.50

Time-->

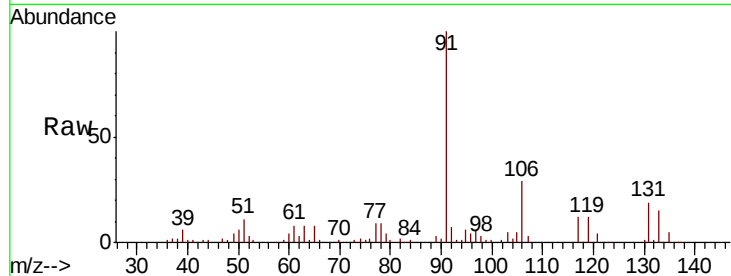




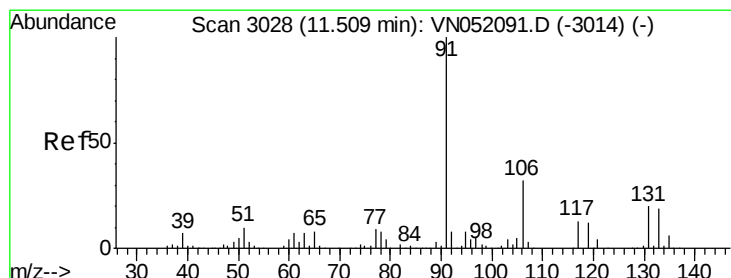
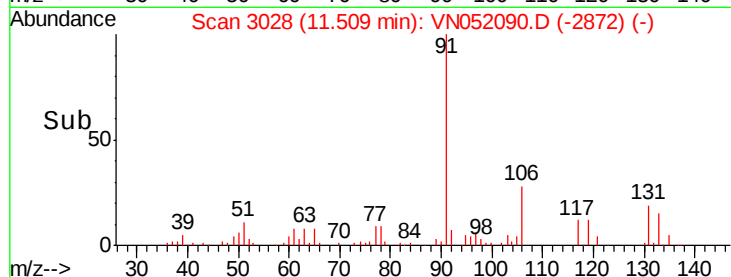
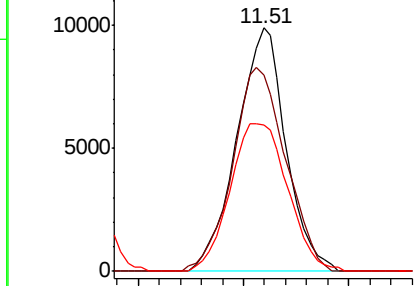
#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.916 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 131 Resp: 16022
 Ion Ratio Lower Upper
 131 100
 133 90.5 0.0 188.8
 119 71.3 0.0 131.4

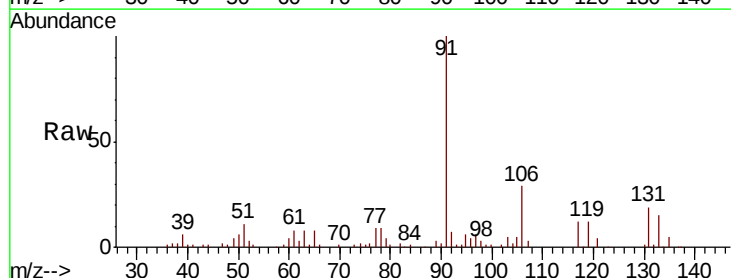


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

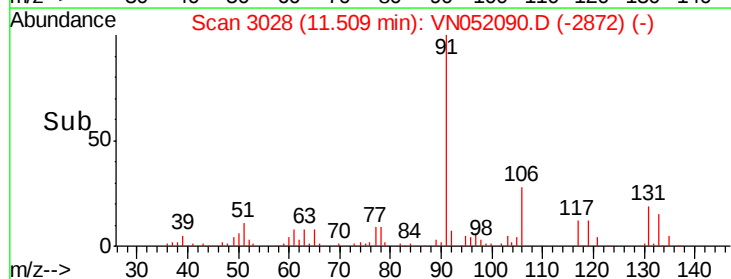
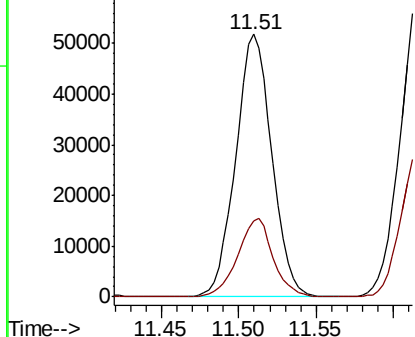


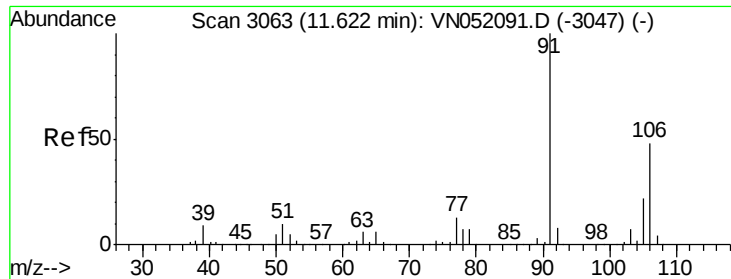
#66
 Ethyl Benzene
 Concen: 5.144 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 91 Resp: 83945
 Ion Ratio Lower Upper
 91 100
 106 29.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 106.00 (105.70 to 106.70): V

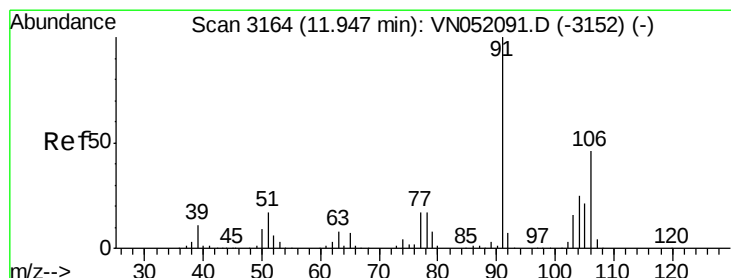
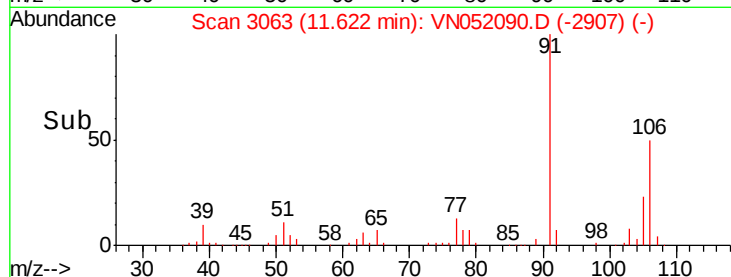
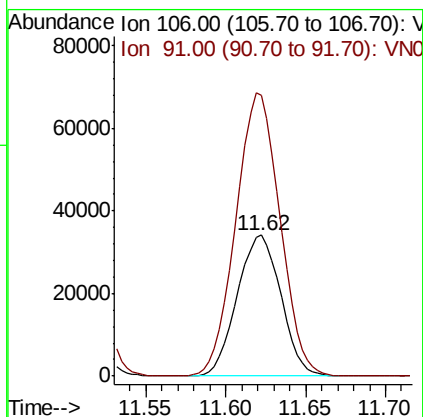
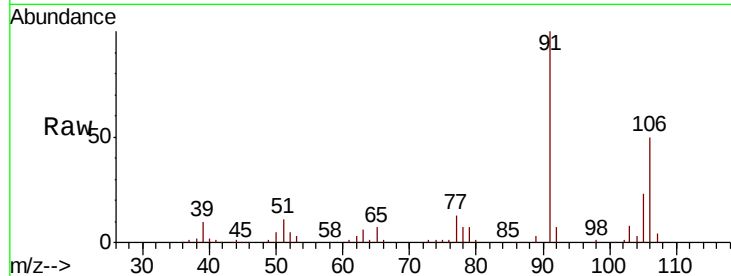




#67
m/p-Xylenes
Concen: 10.183 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

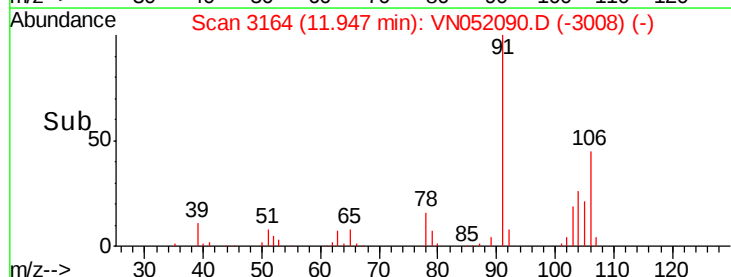
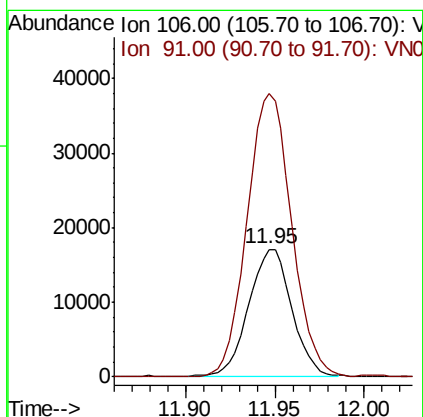
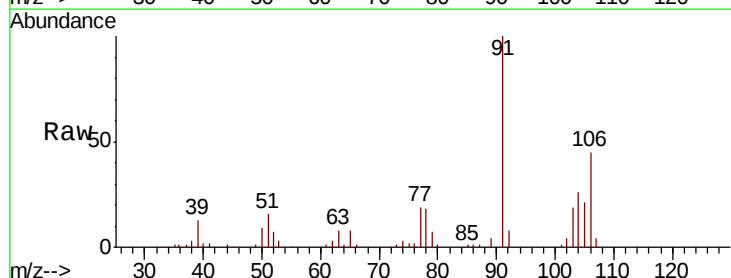
Instrument :
MSVOA_X
ClientSampleId :

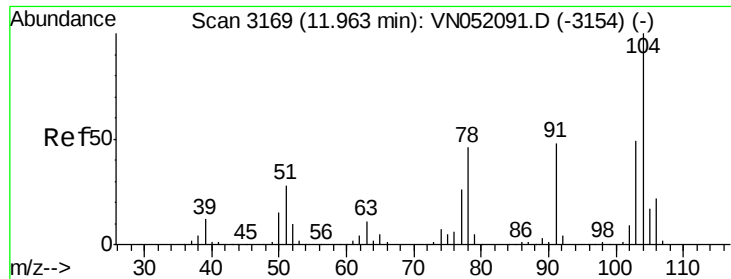
Tgt Ion:106 Resp: 63975
Ion Ratio Lower Upper
106 100
91 202.2 163.6 245.4



#68
o-Xylene
Concen: 4.844 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion:106 Resp: 29015
Ion Ratio Lower Upper
106 100
91 228.3 110.0 330.0

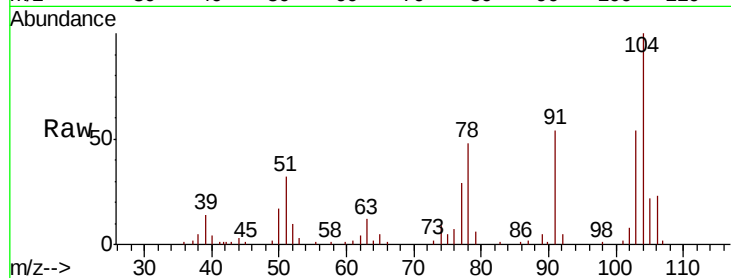




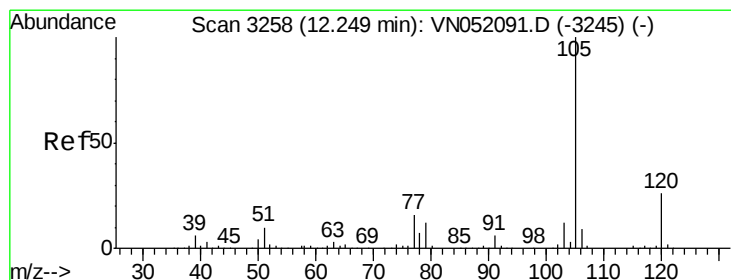
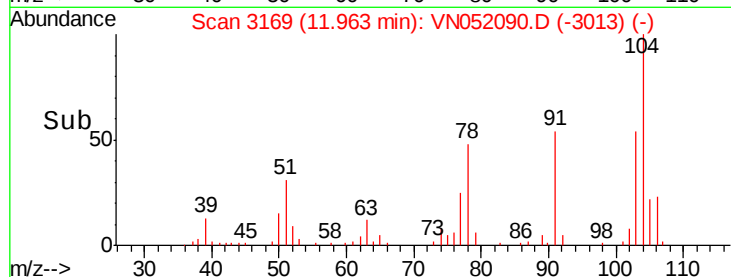
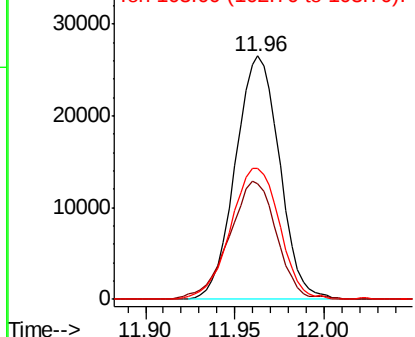
#69
Styrene
Concen: 4.754 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:104 Resp: 45889
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 59.7 43.3 64.9

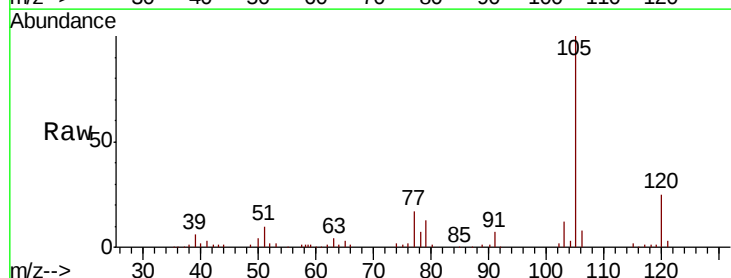


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

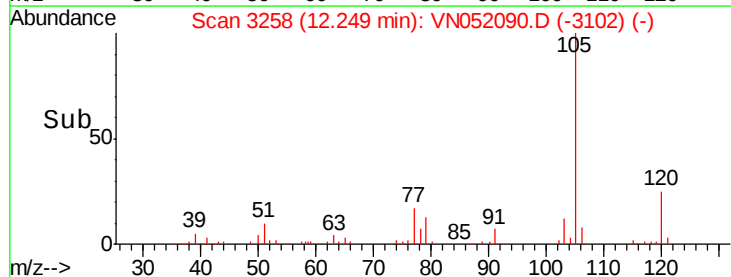
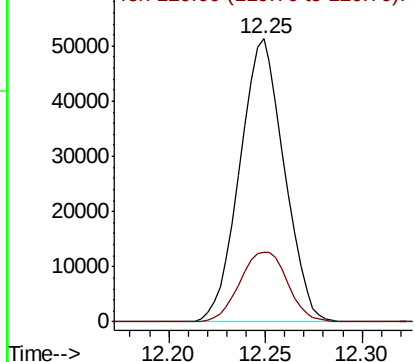


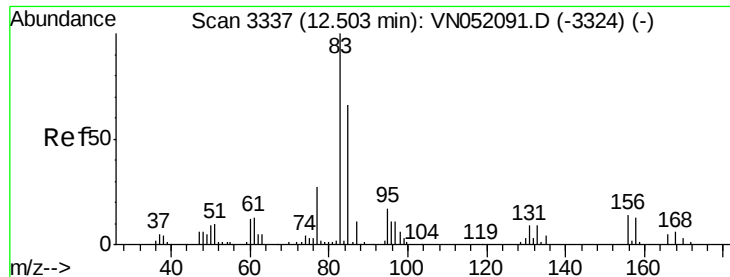
#70
Isopropylbenzene
Concen: 5.099 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion:105 Resp: 81983
Ion Ratio Lower Upper
105 100
120 26.4 18.4 34.2



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

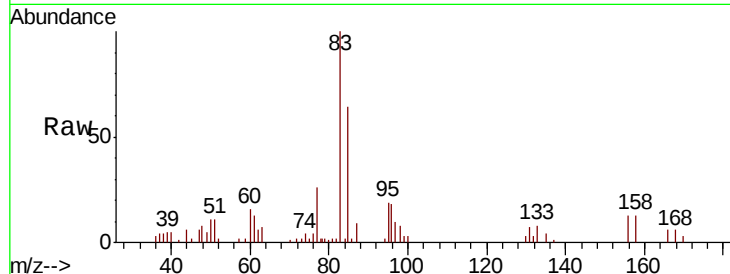




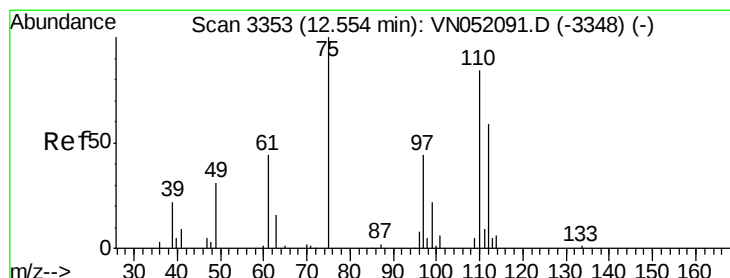
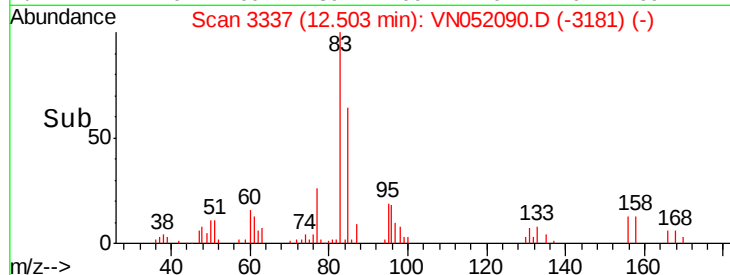
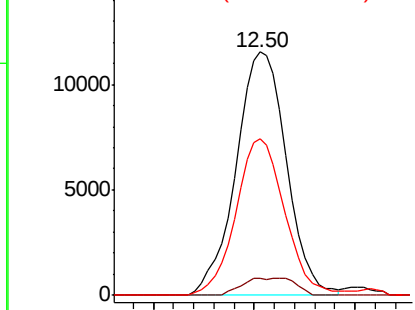
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.701 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 83 Resp: 20162
 Ion Ratio Lower Upper
 83 100
 131 3.8 4.8 14.3#
 85 62.1 32.7 98.1

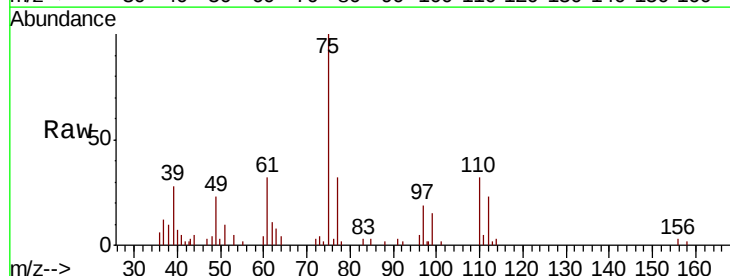


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

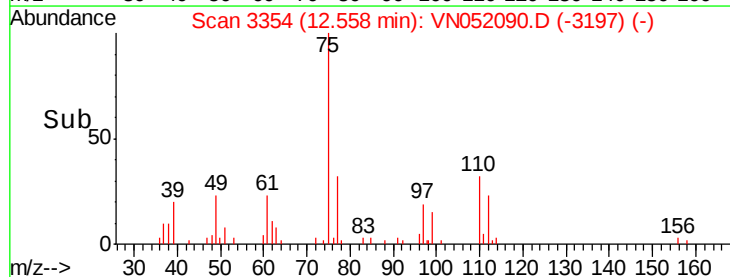
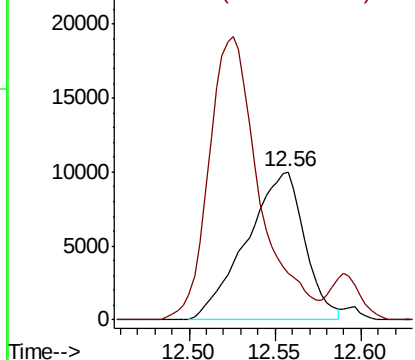


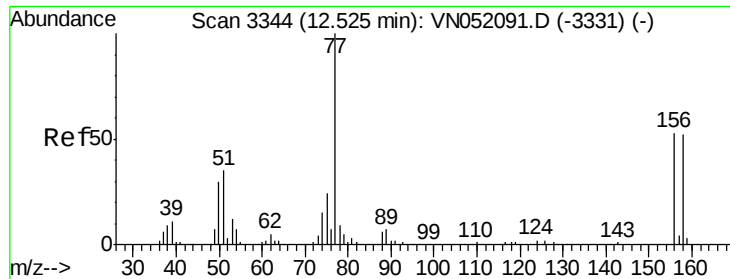
#72
 1,2,3-Trichloropropane
 Concen: 8.019 ug/l
 RT: 12.56 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 75 Resp: 23582
 Ion Ratio Lower Upper
 75 100
 77 165.7 0.0 481.8



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0

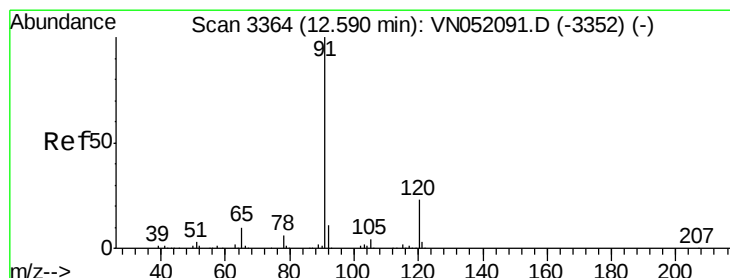
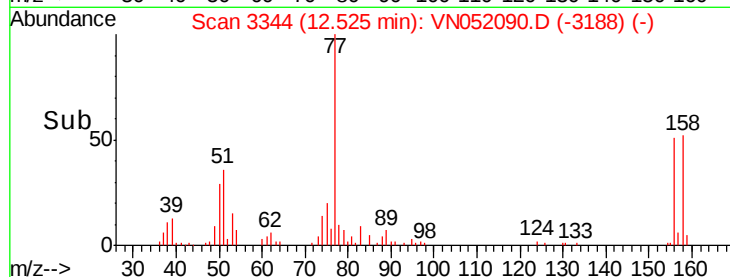
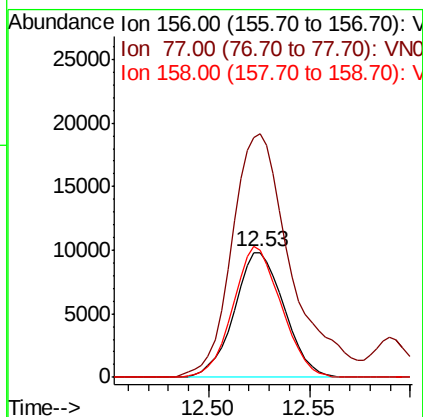
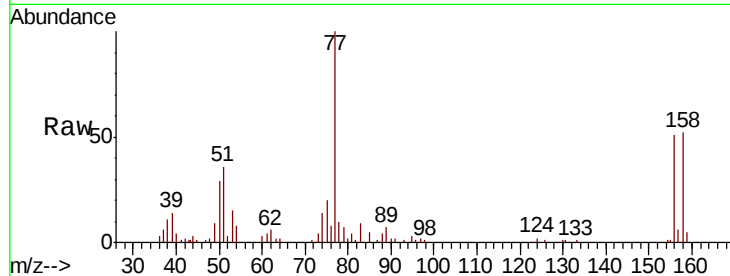




#73
Bromobenzene
Concen: 4.756 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

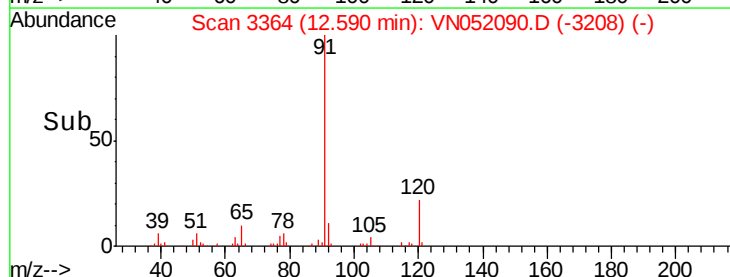
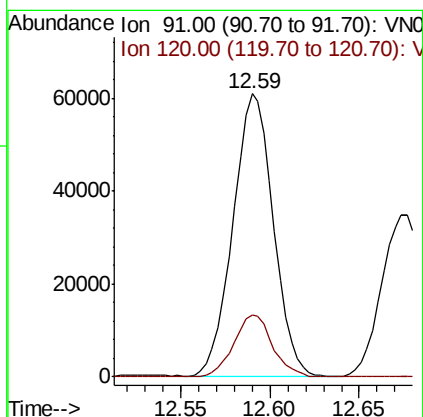
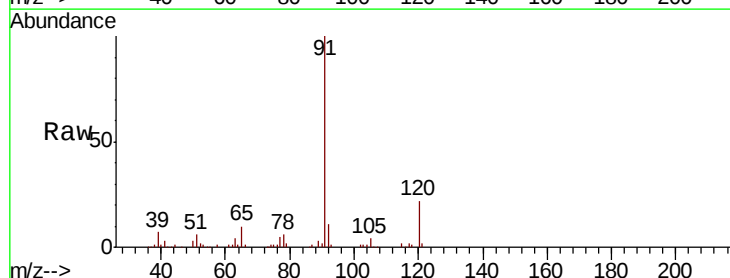
Instrument :
MSVOA_X
ClientSampled :

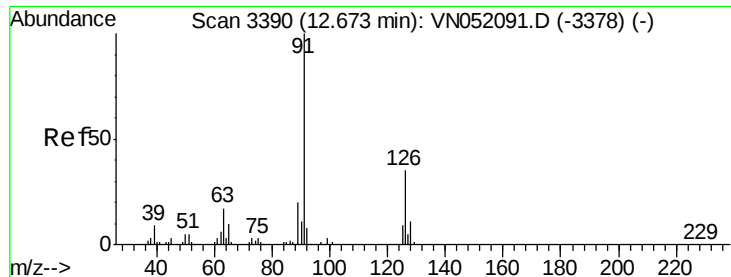
Tgt Ion: 156 Resp: 16947
Ion Ratio Lower Upper
156 100
77 230.5 0.0 428.0
158 101.4 0.0 196.8



#74
n-propylbenzene
Concen: 5.154 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion: 91 Resp: 96513
Ion Ratio Lower Upper
91 100
120 20.8 0.0 44.8





#75

2-Chlorotoluene

Concen: 5.359 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

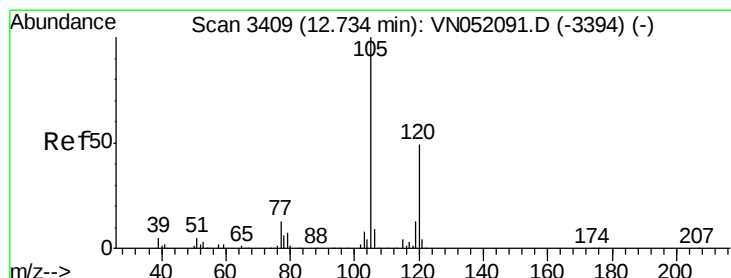
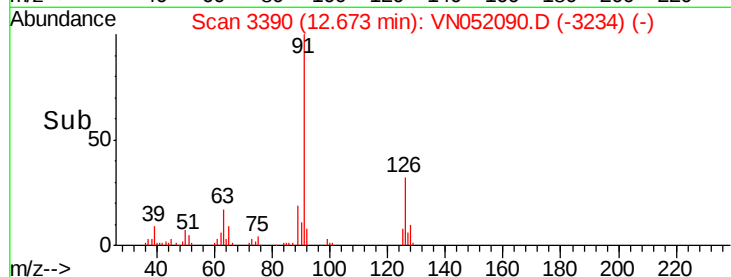
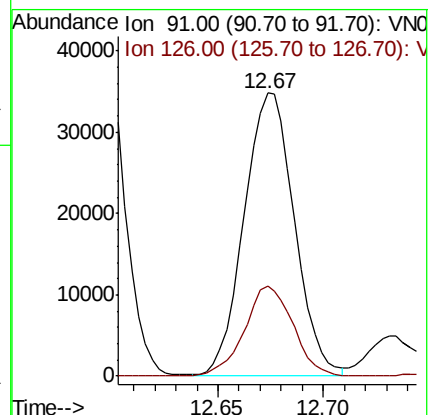
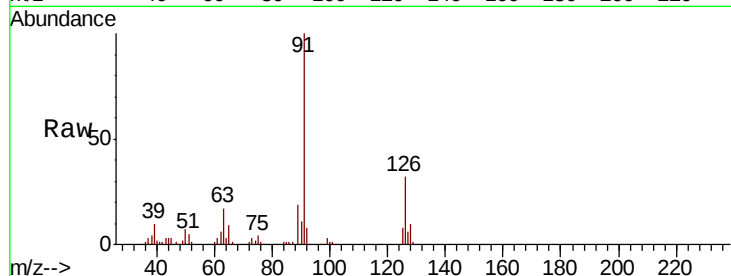
ClientSampleId :

Tgt Ion: 91 Resp: 57848

Ion Ratio Lower Upper

91 100

126 30.7 0.0 68.0



#76

1,3,5-Trimethylbenzene

Concen: 5.066 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052090.D

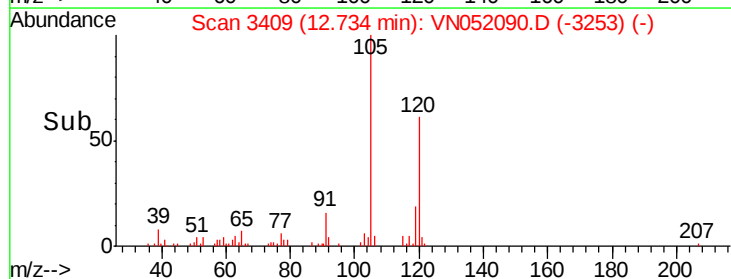
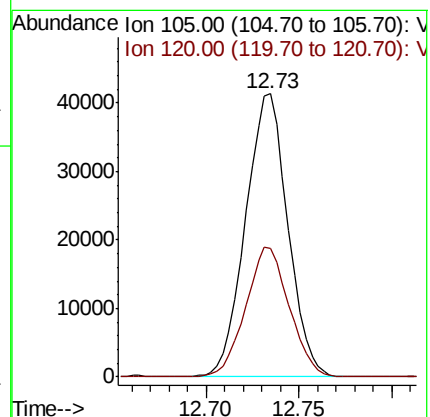
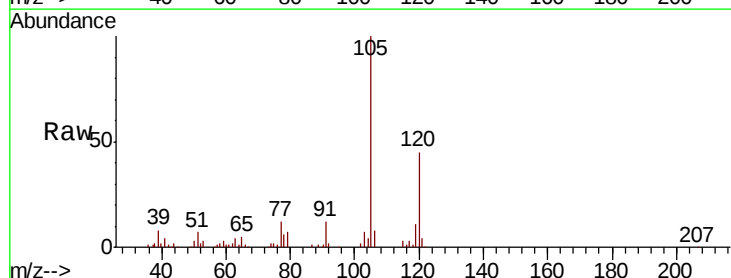
Acq: 1 Nov 2018 8:22

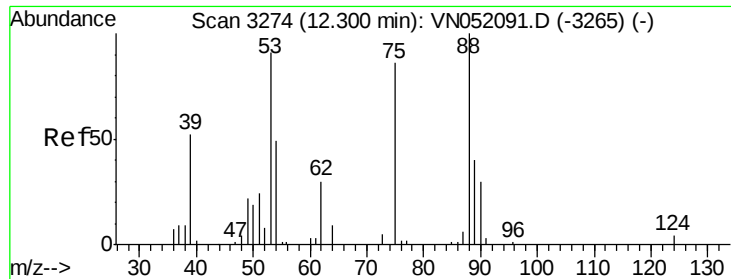
Tgt Ion: 105 Resp: 65323

Ion Ratio Lower Upper

105 100

120 47.2 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 4.582 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN052090.D

Acq: 1 Nov 2018 8:22

Instrument :

MSVOA_X

ClientSampled :

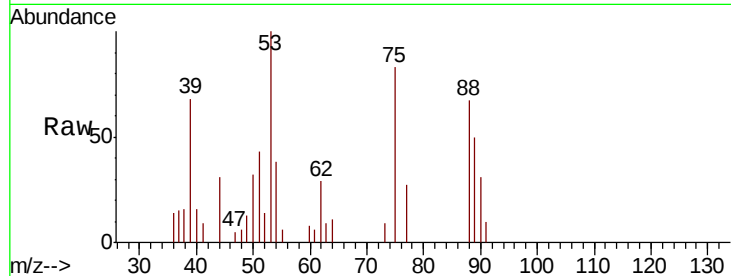
Tgt Ion: 75 Resp: 4458

Ion Ratio Lower Upper

75 100

53 112.9 50.7 152.1

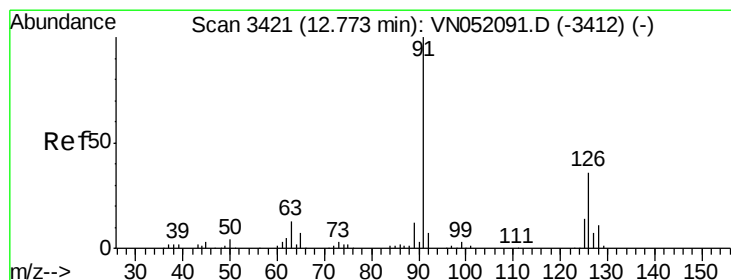
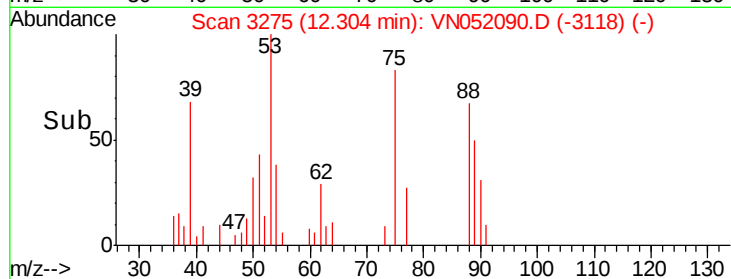
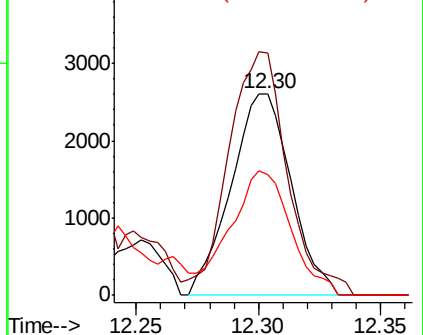
89 60.1 23.8 71.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 4.993 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052090.D

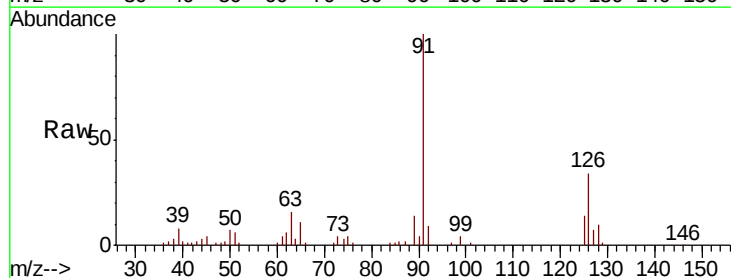
Acq: 1 Nov 2018 8:22

Tgt Ion: 91 Resp: 54277

Ion Ratio Lower Upper

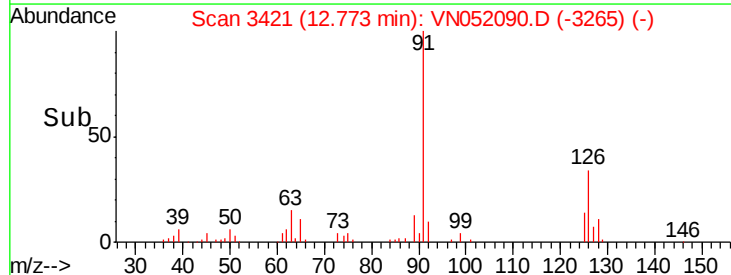
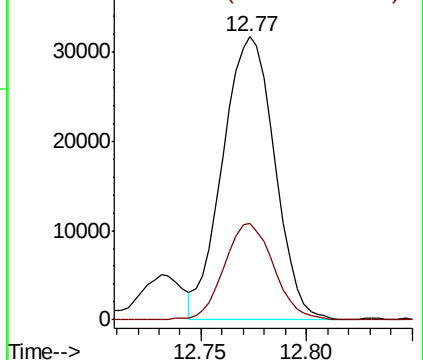
91 100

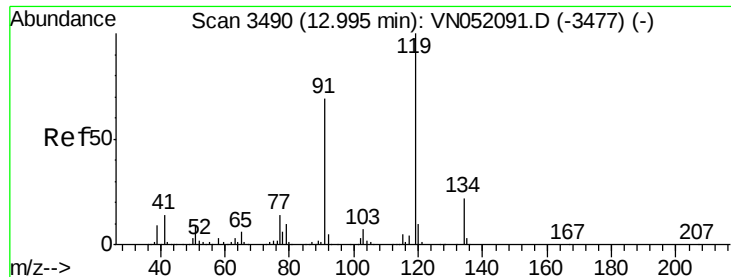
126 32.4 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

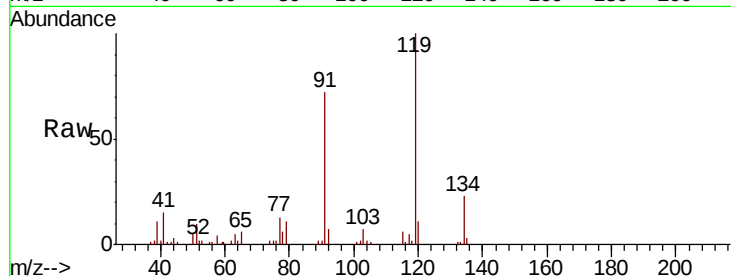




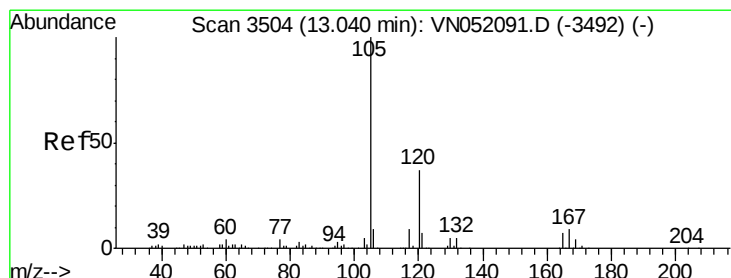
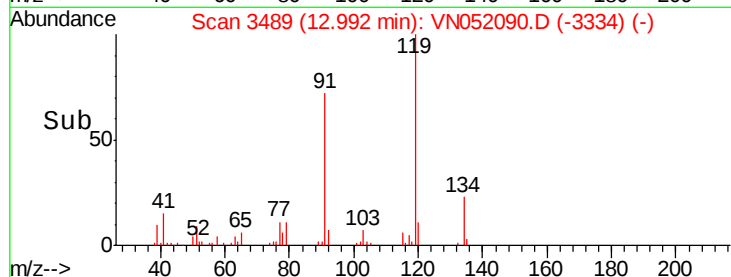
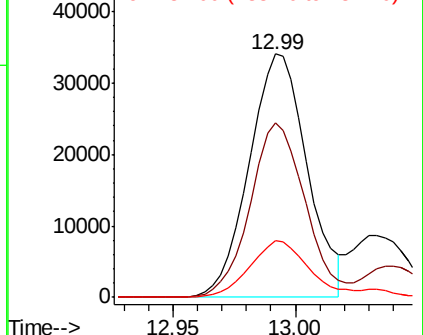
#79
tert-butylbenzene
Concen: 5.004 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 56207
Ion Ratio Lower Upper
119 100
91 67.8 0.0 131.2
134 23.5 0.0 45.8

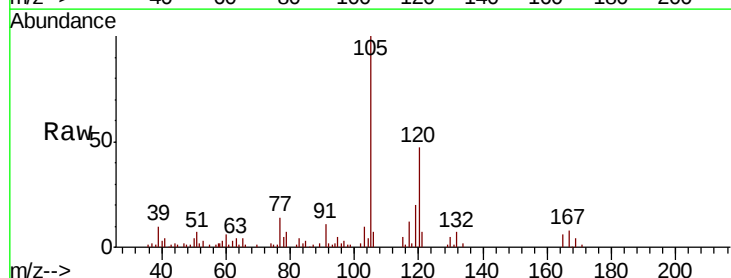


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

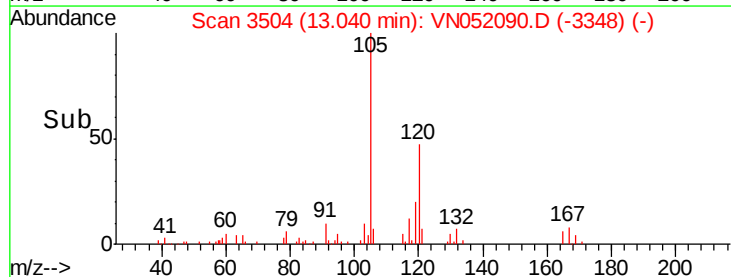
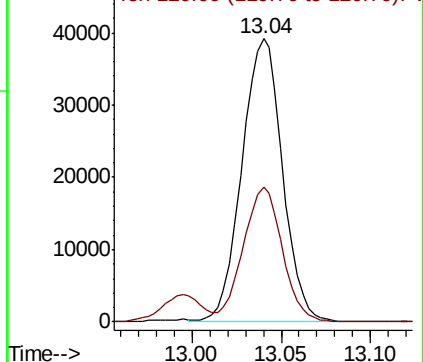


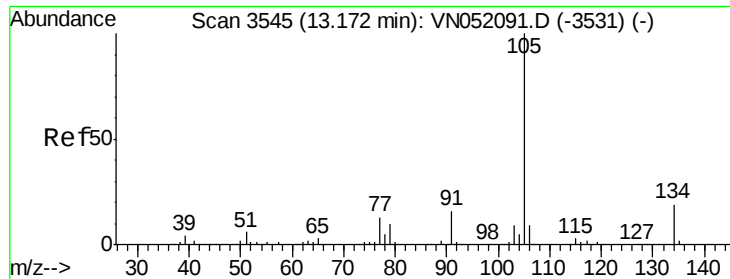
#80
1,2,4-Trimethylbenzene
Concen: 4.857 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion:105 Resp: 62388
Ion Ratio Lower Upper
105 100
120 46.0 0.0 89.4



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

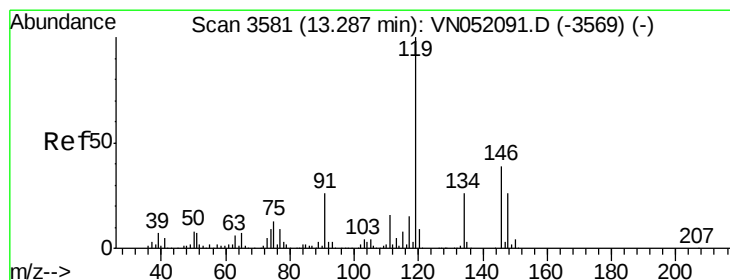
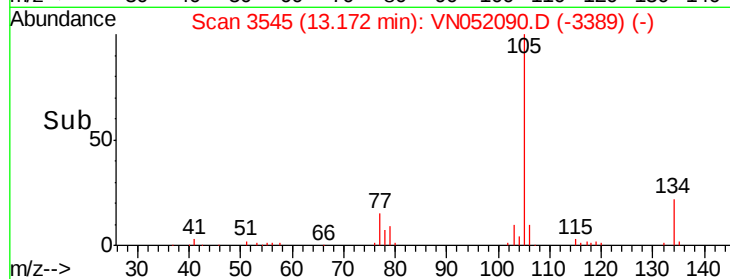
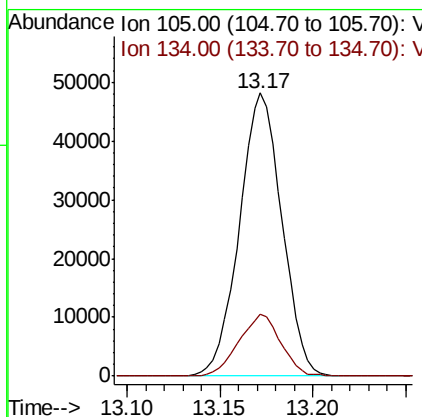
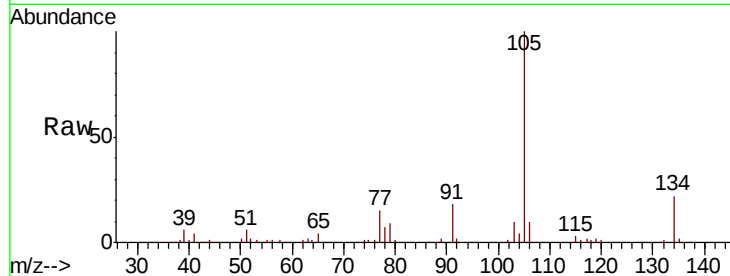




#81
 sec-Butylbenzene
 Concen: 4.944 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

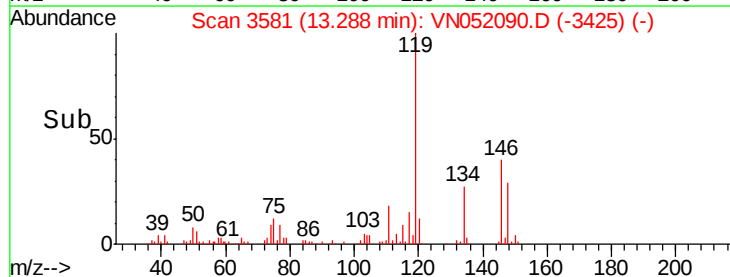
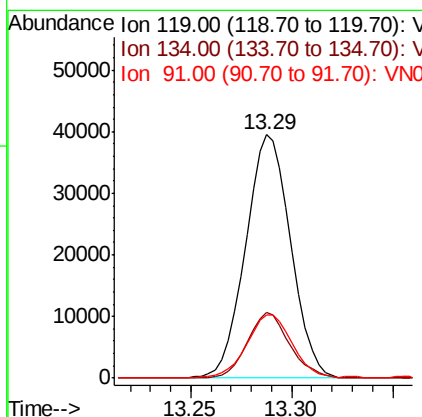
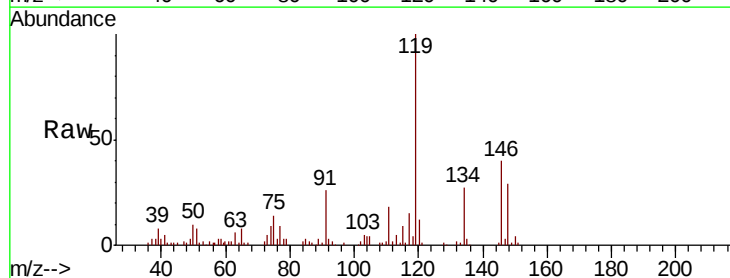
Instrument :
 MSVOA_X
 ClientSampled :

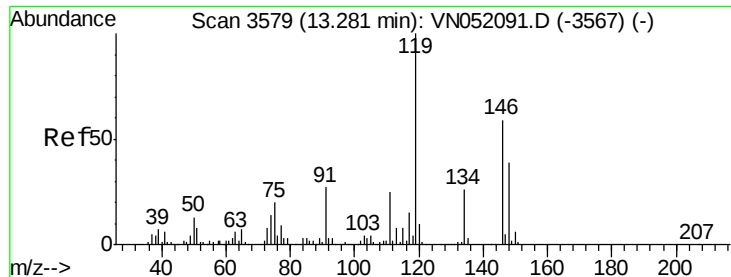
Tgt Ion:105 Resp: 76418
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 4.731 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion:119 Resp: 61800
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.0
 91 26.1 0.0 50.8

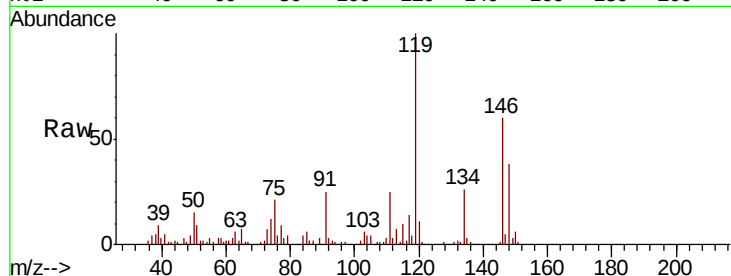




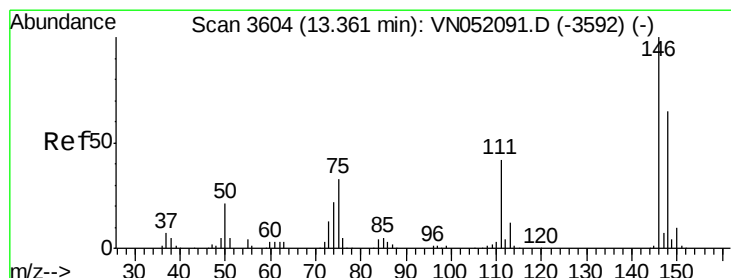
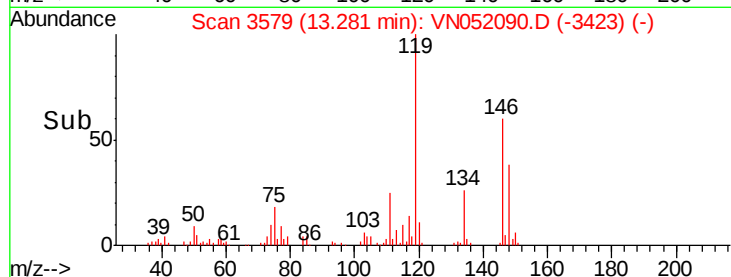
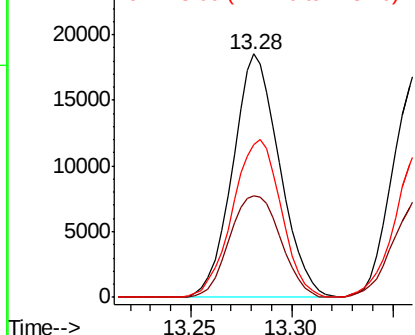
#83
 1,3-Dichlorobenzene
 Concen: 4.777 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion:146 Resp: 30107
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.0 63.0
 148 67.0 33.4 100.2

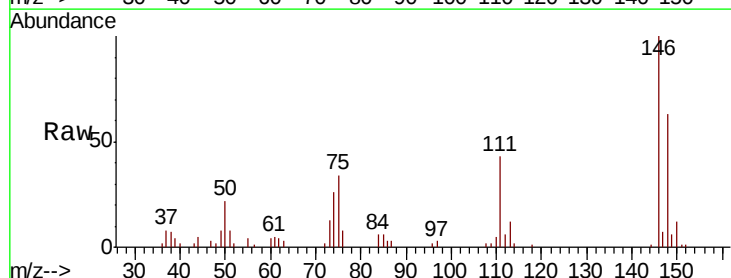


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

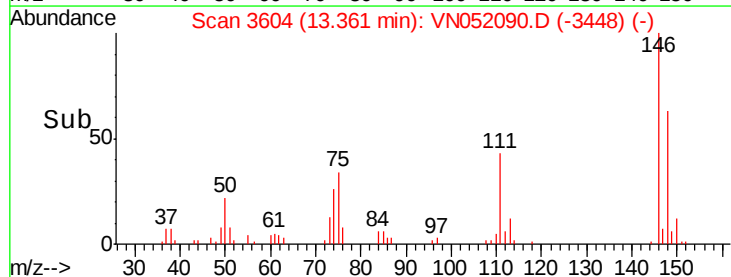
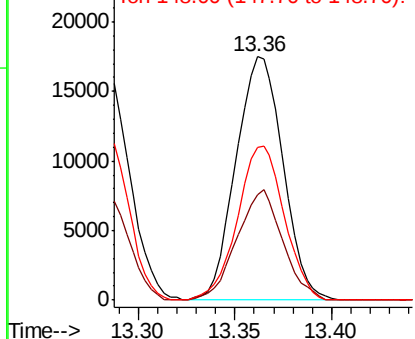


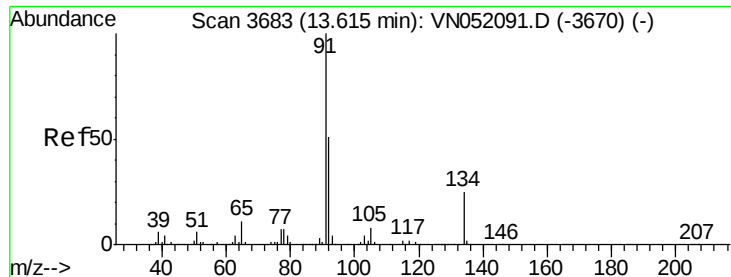
#84
 1,4-Dichlorobenzene
 Concen: 4.749 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion:146 Resp: 29626
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.4 64.2
 148 63.0 32.6 98.0



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

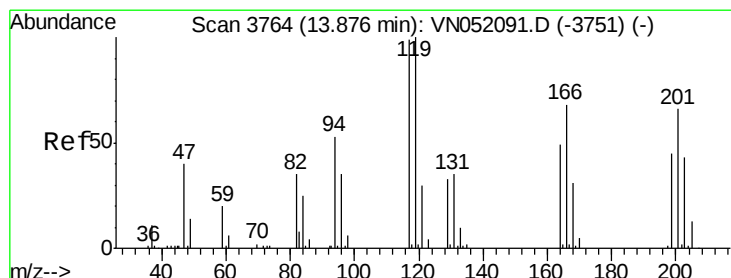
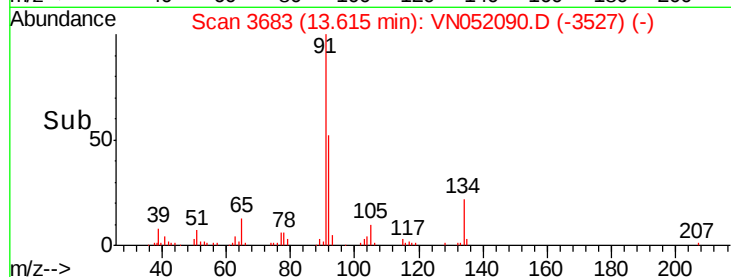
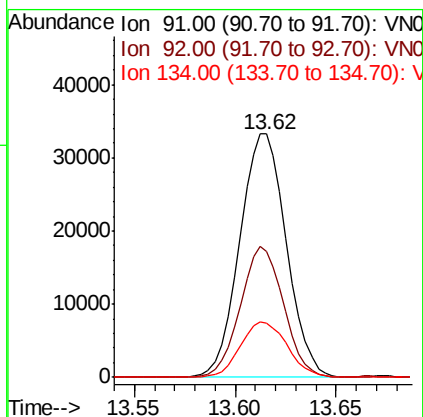
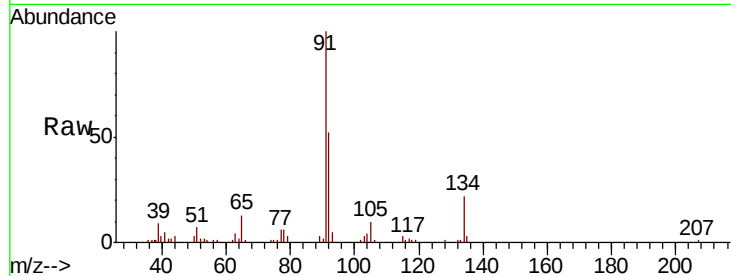




#85
n-Butylbenzene
Concen: 4.749 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

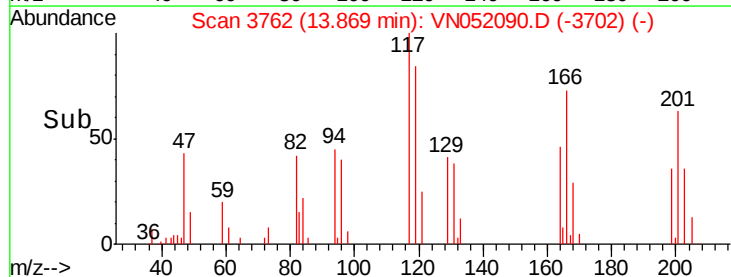
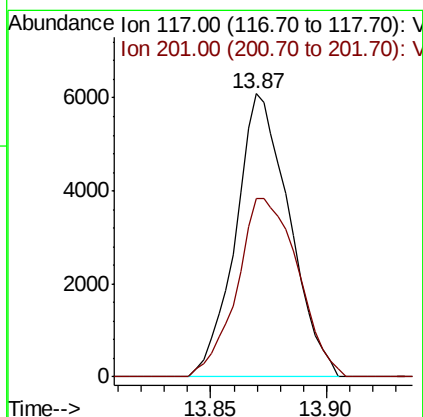
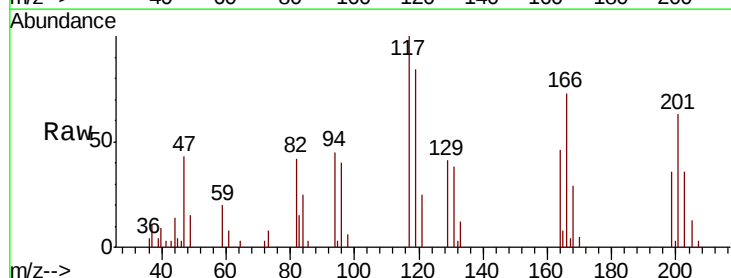
Instrument :
MSVOA_X
ClientSampled :

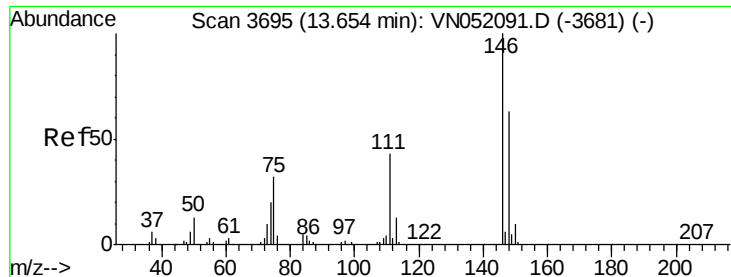
Tgt Ion: 91 Resp: 53686
Ion Ratio Lower Upper
91 100
92 49.8 0.0 102.8
134 22.8 0.0 49.2



#86
Hexachloroethane
Concen: 4.429 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.01 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion: 117 Resp: 9762
Ion Ratio Lower Upper
117 100
201 71.8 32.2 96.6

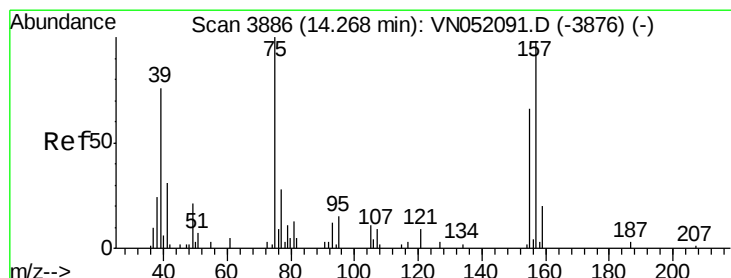
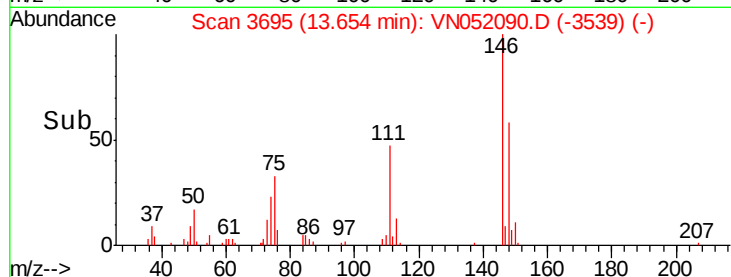
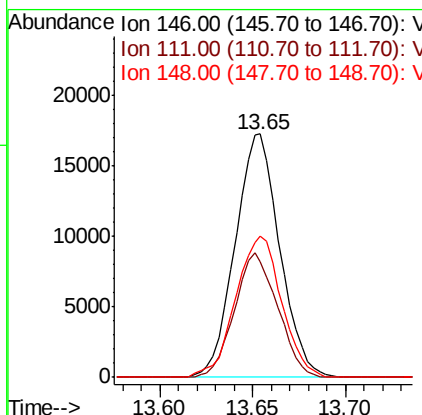
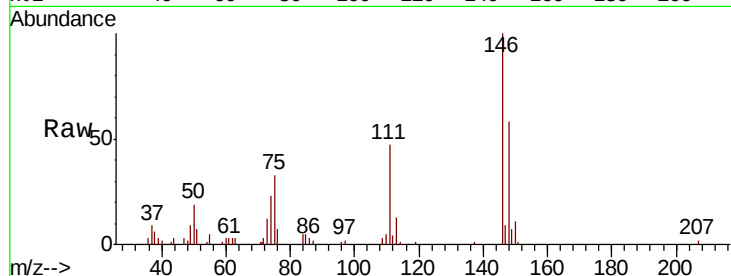




#87
 1,2-Dichlorobenzene
 Concen: 4.824 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

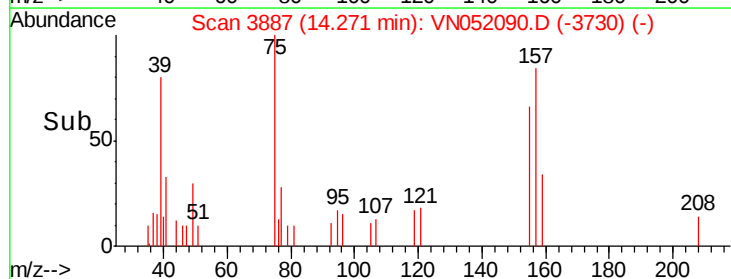
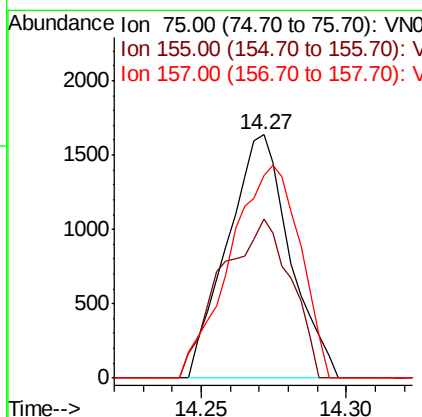
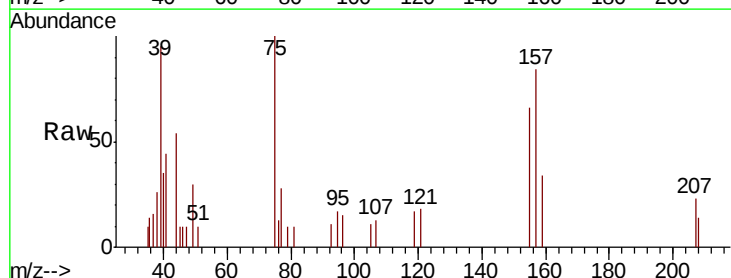
Instrument :
 MSVOA_X
 ClientSampled :

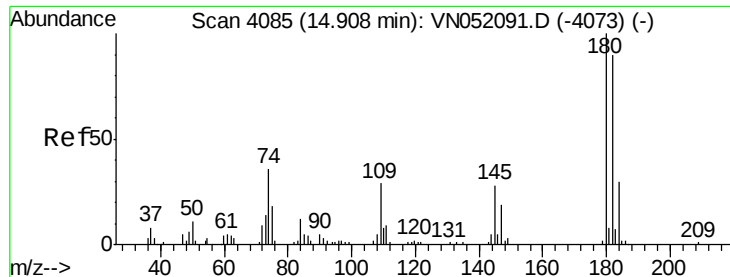
Tgt Ion: 146 Resp: 28883
 Ion Ratio Lower Upper
 146 100
 111 49.3 22.4 67.0
 148 59.8 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 5.060 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion: 75 Resp: 2447
 Ion Ratio Lower Upper
 75 100
 155 73.1 56.7 85.1
 157 98.1 80.4 120.6

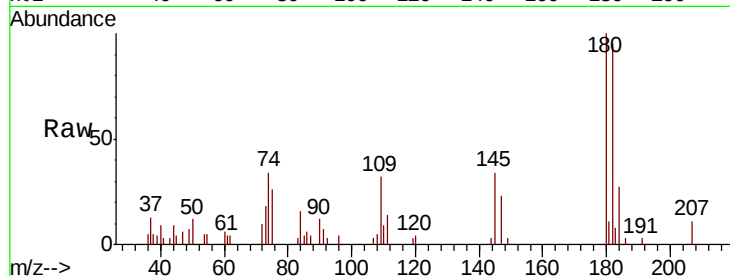




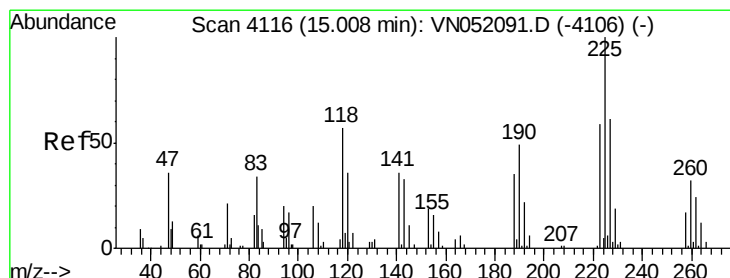
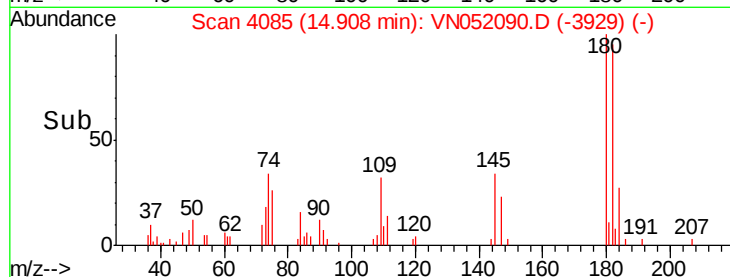
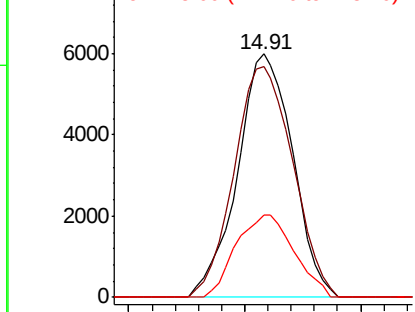
#89
 1,2,4-Trichlorobenzene
 Concen: 4.071 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180 Resp: 9895
 Ion Ratio Lower Upper
 180 100
 182 100.9 74.0 111.0
 145 35.5 24.6 36.8

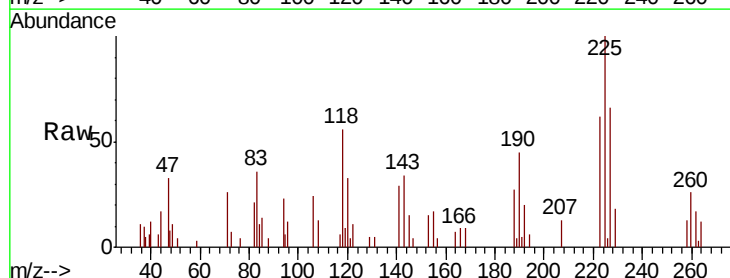


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

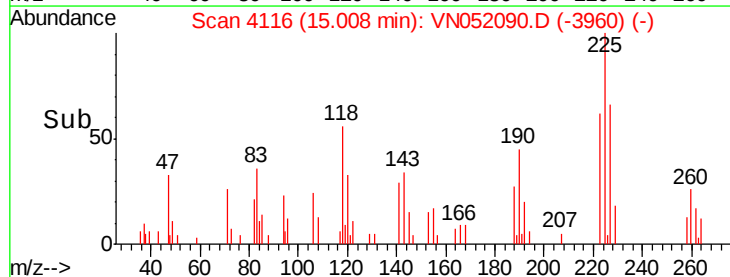
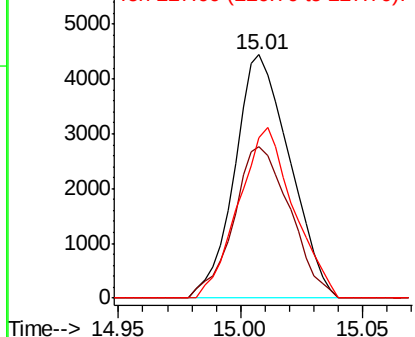


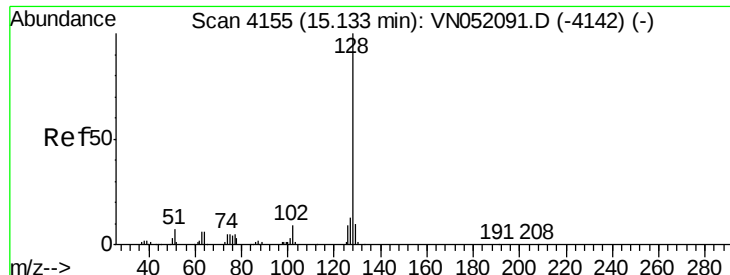
#90
 Hexachlorobutadiene
 Concen: 5.239 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052090.D
 Acq: 1 Nov 2018 8:22

Tgt Ion:225 Resp: 6967
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 121.2
 227 70.0 0.0 127.2



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

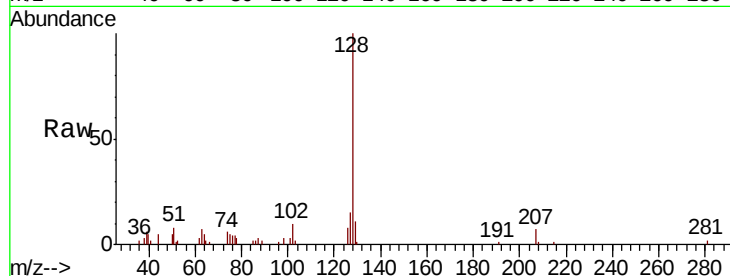




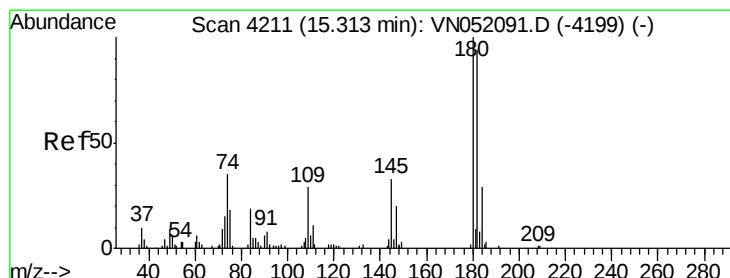
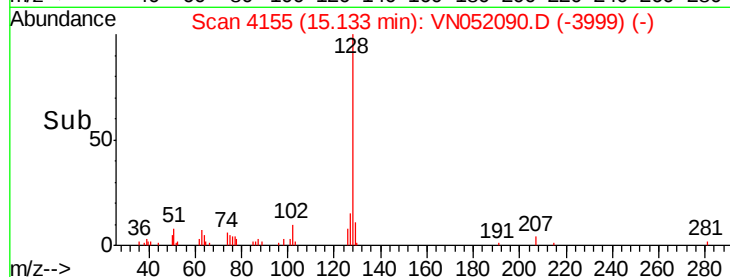
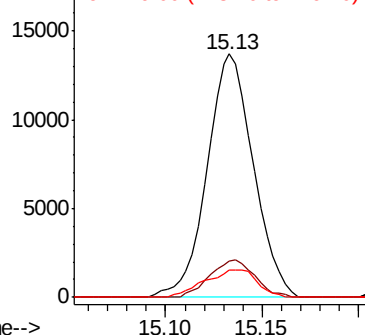
#91
Naphthalene
Concen: 4.057 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 22727
Ion Ratio Lower Upper
128 100
127 15.0 10.4 15.6
129 12.9 8.3 12.5#

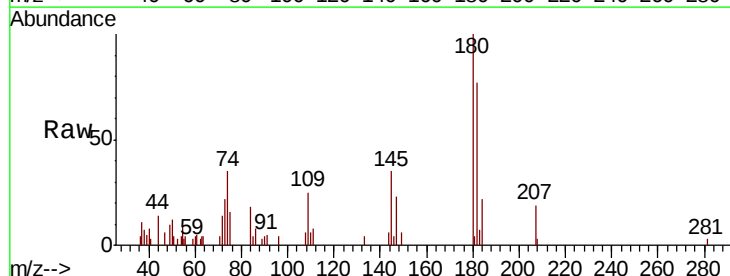


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 4.462 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052090.D
Acq: 1 Nov 2018 8:22

Tgt Ion:180 Resp: 9452
Ion Ratio Lower Upper
180 100
182 89.1 0.0 186.6
145 35.7 0.0 66.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

