

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092618\
 Data File : VN051490.D
 Acq On : 25 Sep 2018 18:19
 Operator : MD\SY
 Sample : VN0926WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Quant Time: Sep 26 04:07:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	514104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	722531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	641782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	321009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	327117	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.59	113	298604	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.09	98	1077270	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	340526	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	82757	17.254	ug/l	98
3) Chloromethane	2.06	50	144034	18.864	ug/l	98
4) Vinyl Chloride	2.18	62	151999	18.037	ug/l	98
5) Bromomethane	2.57	94	98581	19.557	ug/l	98
6) Chloroethane	2.70	64	99662	18.980	ug/l	99
7) Trichlorofluoromethane	3.01	101	202806	18.373	ug/l	94
8) Diethyl Ether	3.41	74	61819	15.975	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	112489	18.057	ug/l	99
10) Methyl Iodide	3.95	142	132681	16.221	ug/l	97
11) Tert butyl alcohol	4.79	59	33964	93.446	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	96515	16.873	ug/l	98
13) Acrolein	3.61	56	26344	72.991	ug/l	93
14) Allyl chloride	4.33	41	168825	17.592	ug/l	100
15) Acrylonitrile	4.99	53	181860	91.980	ug/l	99
16) Acetone	3.82	43	127988	72.333	ug/l	95
17) Carbon Disulfide	4.05	76	268627	15.985	ug/l	99
18) Methyl Acetate	4.33	43	95912	19.555	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	273856	18.566	ug/l	100
20) Methylene Chloride	4.55	84	117179	18.388	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	105066	17.956	ug/l	98
22) Diisopropyl ether	5.95	45	369234	19.904	ug/l	97
23) Vinyl Acetate	5.90	43	1118915	91.874	ug/l	99
24) 1,1-Dichloroethane	5.85	63	216261	19.539	ug/l	99
25) 2-Butanone	6.84	43	199706	90.599	ug/l	99
26) 2,2-Dichloropropane	6.82	77	170052	19.682	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	119879	18.671	ug/l	97
28) Bromochloromethane	7.20	49	100941	19.749	ug/l	100
29) Tetrahydrofuran	7.22	42	132062	94.541	ug/l	99
30) Chloroform	7.37	83	215375	19.638	ug/l	99
31) Cyclohexane	7.66	56	182275	17.974	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	183863	19.610	ug/l	99
36) 1,1-Dichloropropene	7.79	75	156014	18.646	ug/l	99
37) Ethyl Acetate	6.93	43	91599	19.040	ug/l	99
38) Carbon Tetrachloride	7.77	117	166092	18.979	ug/l	97

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Quant Time: Sep 26 04:07:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	167118	17.086	ug/l	95
40) Benzene	8.04	78	472374	19.228	ug/l	98
41) Methacrylonitrile	7.17	41	47844	17.976	ug/l	93
42) 1,2-Dichloroethane	8.12	62	153406	19.501	ug/l	100
43) Isopropyl Acetate	8.17	43	164281	18.885	ug/l	100
44) Trichloroethene	8.84	130	121270	18.584	ug/l	99
45) 1,2-Dichloropropane	9.12	63	130522	19.544	ug/l	99
46) Dibromomethane	9.21	93	71688	18.999	ug/l	99
47) Bromodichloromethane	9.40	83	161767	19.373	ug/l	98
48) Methyl methacrylate	9.20	41	81367	18.761	ug/l	98
49) 1,4-Dioxane	9.20	88	19728	371.152	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	456586	95.436	ug/l	100
52) Toluene	10.16	92	284589	18.640	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	151042	17.917	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	181223	18.537	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	106734	19.781	ug/l	95
56) Ethyl methacrylate	10.43	69	119989	18.188	ug/l	99
57) 1,3-Dichloropropane	10.71	76	178703	19.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	300370	97.646	ug/l	97
59) 2-Hexanone	10.75	43	281883	90.888	ug/l	96
60) Dibromochloromethane	10.90	129	117080	18.390	ug/l	97
61) 1,2-Dibromoethane	11.00	107	97045	18.527	ug/l	99
64) Tetrachloroethene	10.63	164	113324	19.456	ug/l	98
65) Chlorobenzene	11.43	112	307800	18.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	120761	19.250	ug/l	100
67) Ethyl Benzene	11.51	91	504686	18.187	ug/l	99
68) m/p-Xylenes	11.62	106	395202	36.819	ug/l	99
69) o-Xylene	11.95	106	189439	18.359	ug/l	99
70) Styrene	11.96	104	298253	18.240	ug/l	99
71) Bromoform	12.13	173	79421	18.657	ug/l #	95
73) Isopropylbenzene	12.25	105	511030	18.868	ug/l	100
74) N-amyl acetate	12.07	43	122555	18.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	125143	19.814	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	149824	28.115	ug/l #	100
77) Bromobenzene	12.53	156	129501	18.887	ug/l	99
78) n-propylbenzene	12.59	91	575360	18.849	ug/l	99
79) 2-Chlorotoluene	12.67	91	351396	19.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	431372	19.532	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	30659	17.691	ug/l	97
82) 4-Chlorotoluene	12.77	91	347388	19.048	ug/l	99
83) tert-Butylbenzene	12.99	119	372701	18.960	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	434980	19.546	ug/l	100
85) sec-Butylbenzene	13.17	105	509347	19.153	ug/l	98
86) p-Isopropyltoluene	13.29	119	435038	18.906	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	217695	18.347	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	211837	18.555	ug/l	99
89) n-Butylbenzene	13.62	91	336988	17.809	ug/l	99
90) Hexachloroethane	13.87	117	86340	18.832	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	220340	19.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17783	19.729	ug/l	92

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VN0926WBS01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

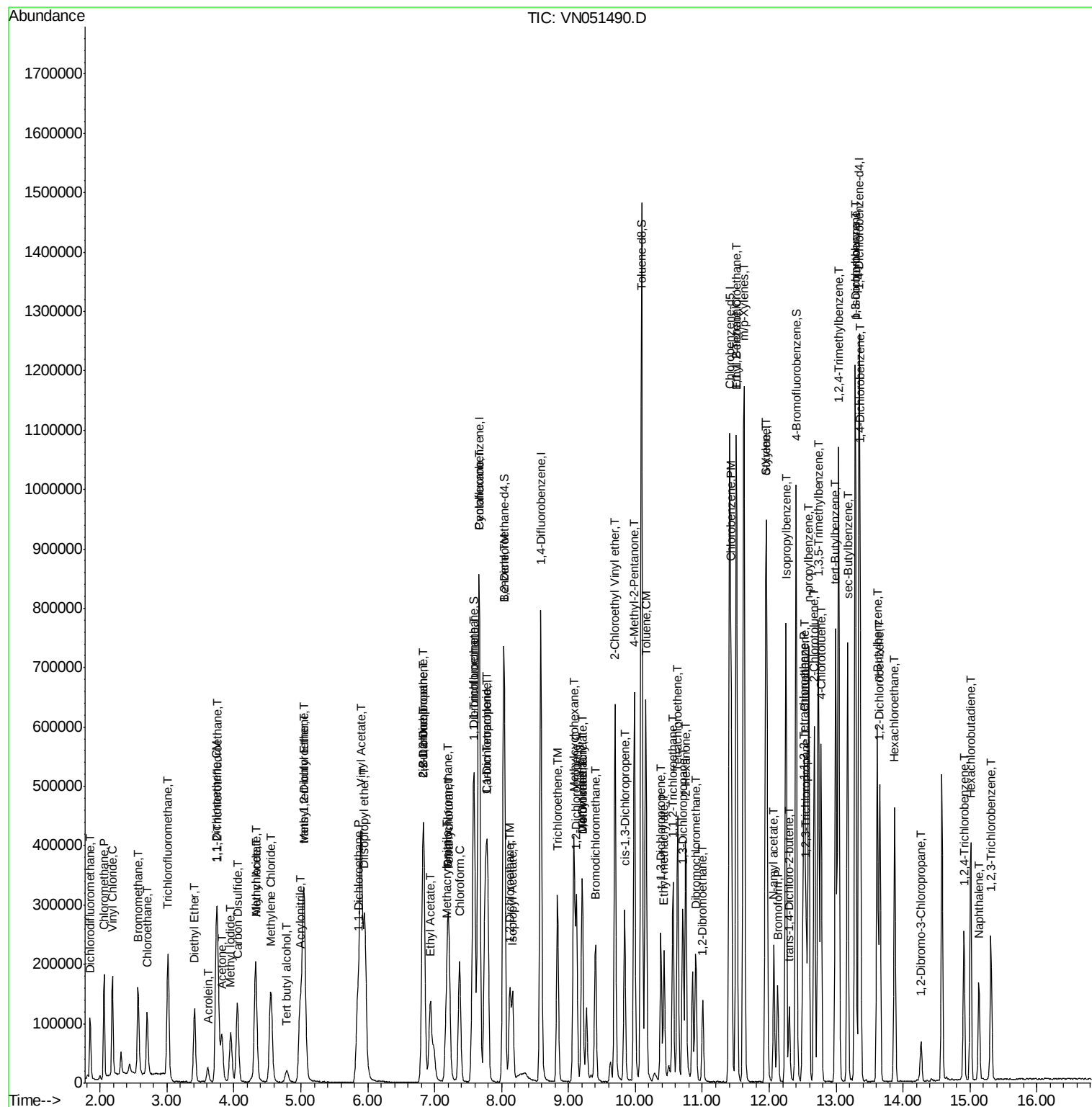
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	85012	18.040	ug/l	99
94) Hexachlorobutadiene	15.01	225	84196	19.330	ug/l	100
95) Naphthalene	15.13	128	142171	18.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	90064	16.302	ug/l	99

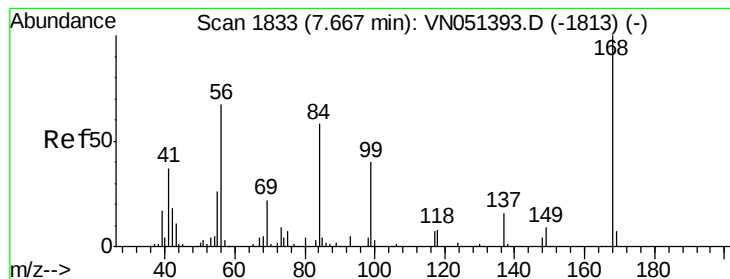
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092618\
Data File : VN051490.D
Acq On : 25 Sep 2018 18:19
Operator : MD\SY
Sample : VN0926WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 26 04:07:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

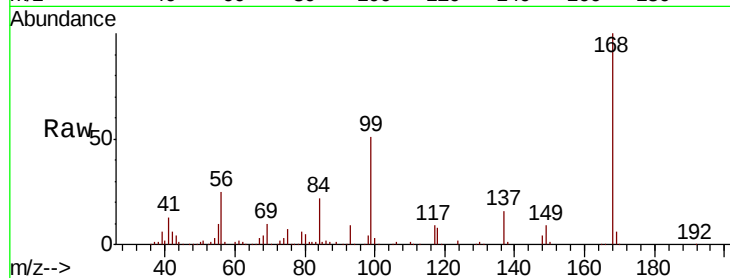
VN0926WBS01

Tot Ion:168 Resp: 514104

Ion Ratio Lower Upper

168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

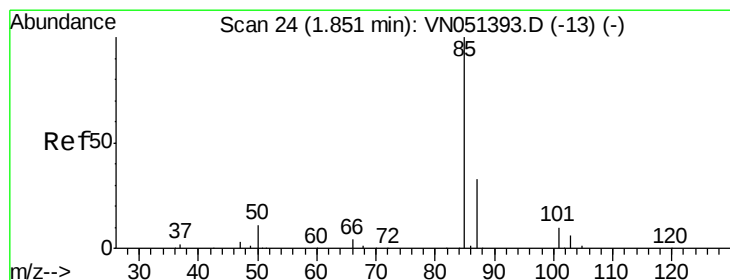
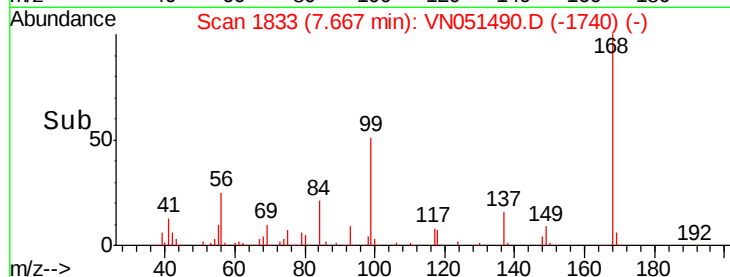
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.254 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051490.D

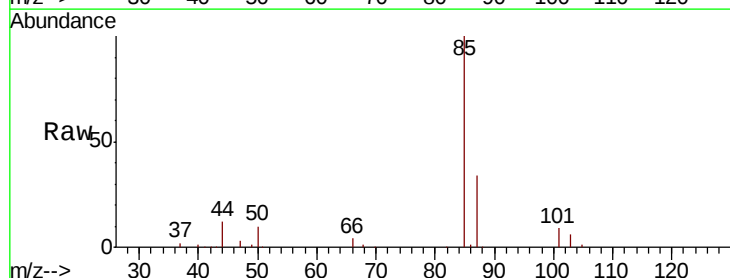
Acq: 25 Sep 2018 18:19

Tgt Ion: 85 Resp: 82757

Ion Ratio Lower Upper

85 100

87 33.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

60000

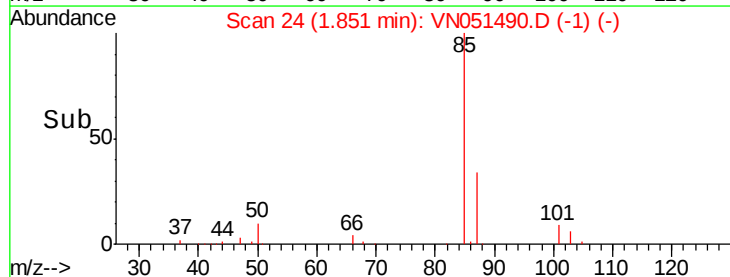
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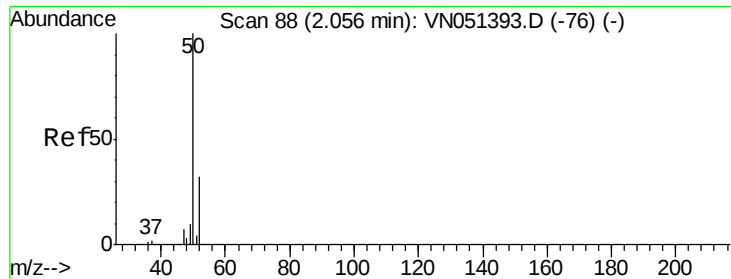
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.864 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

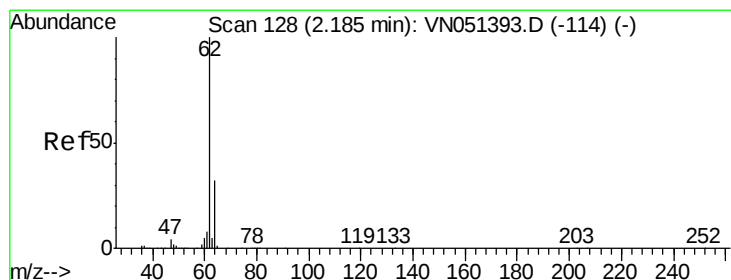
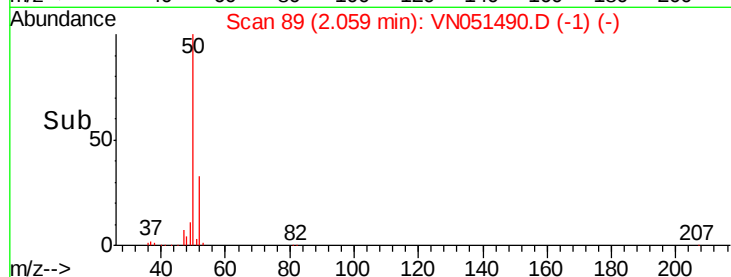
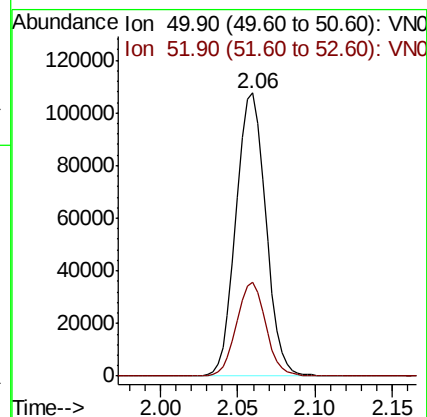
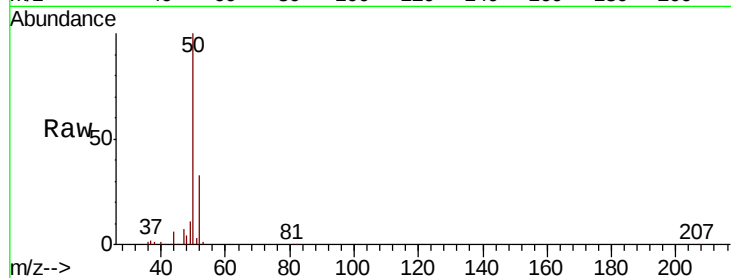
VN0926WBS01

Tot Ion: 50 Resp: 144034

Ion Ratio Lower Upper

50 100

52 33.0 25.7 38.5



#4

Vinyl Chloride

Concen: 18.037 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051490.D

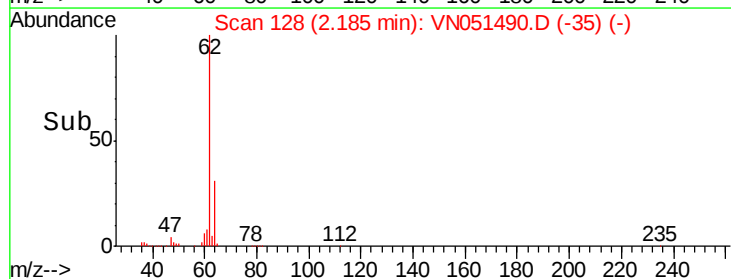
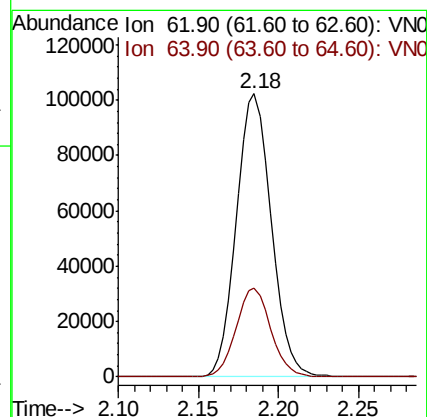
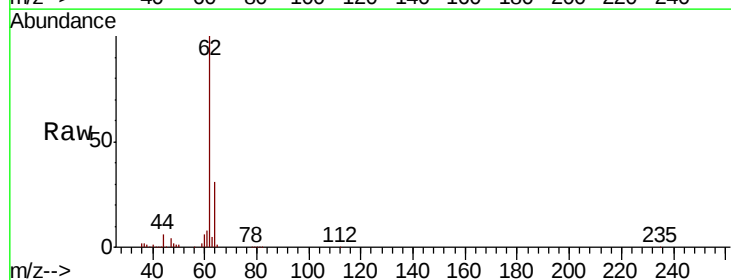
Acq: 25 Sep 2018 18:19

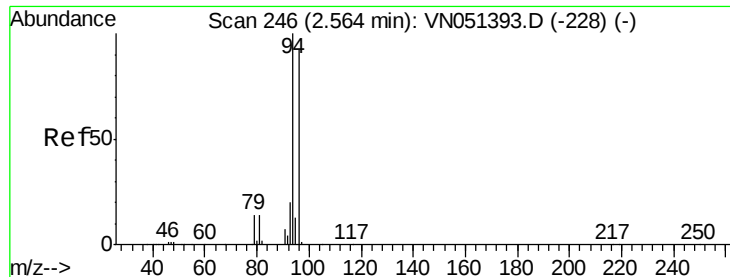
Tgt Ion: 62 Resp: 151999

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 19.557 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

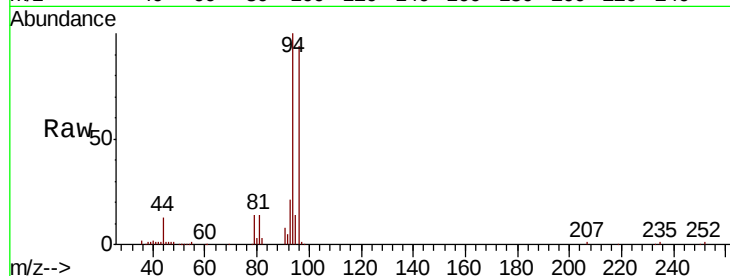
VN0926WBS01

Tot Ion: 94 Resp: 98581

Ion Ratio Lower Upper

94 100

96 93.8 73.6 110.4

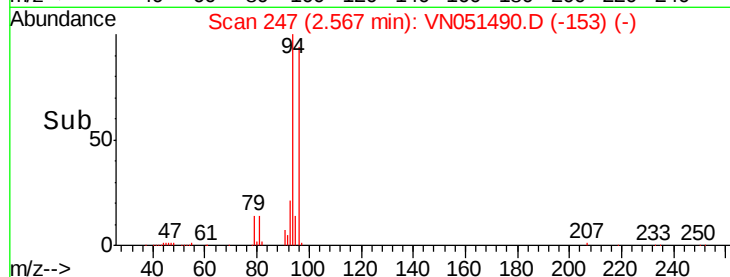


Abundance Ion 93.90 (93.60 to 94.60): VN051393.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN051393.D (-228) (-)

2.57

Time-->



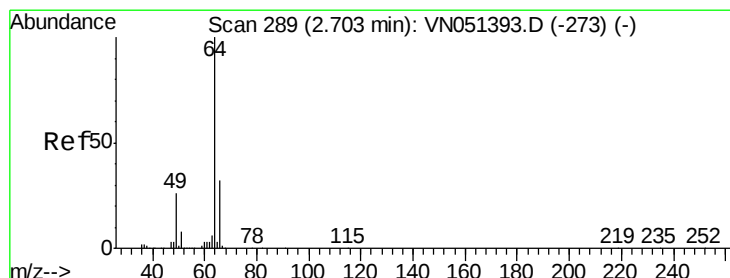
Abundance

Ion 93.90 (93.60 to 94.60): VN051490.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051490.D (-153) (-)

2.57

Time-->



#6

Chloroethane

Concen: 18.980 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051490.D

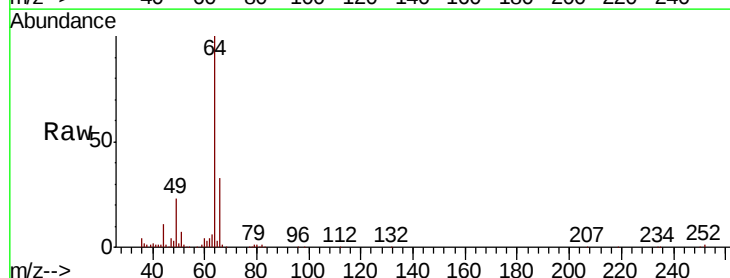
Acq: 25 Sep 2018 18:19

Tgt Ion: 64 Resp: 99662

Ion Ratio Lower Upper

64 100

66 32.8 25.9 38.9

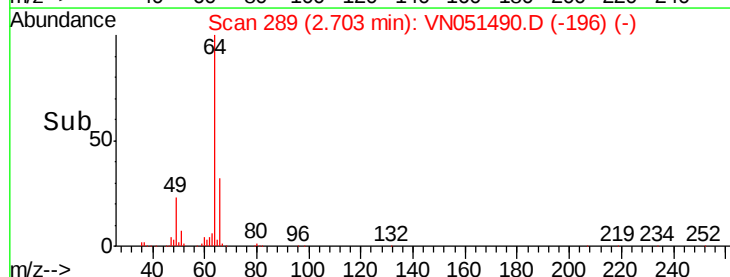


Abundance Ion 63.90 (63.60 to 64.60): VN051393.D (-273) (-)

Ion 65.90 (65.60 to 66.60): VN051393.D (-273) (-)

2.70

Time-->



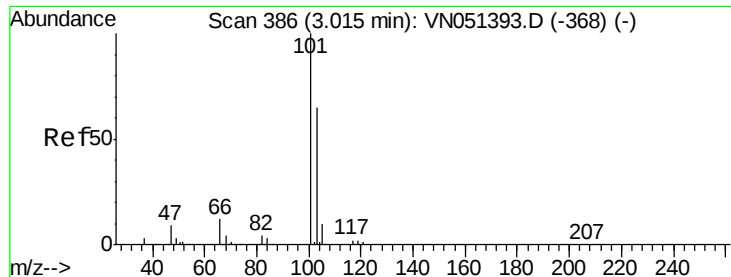
Abundance

Ion 63.90 (63.60 to 64.60): VN051490.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN051490.D (-196) (-)

2.70

Time-->

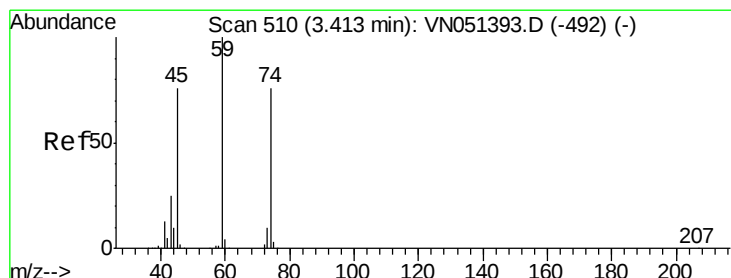
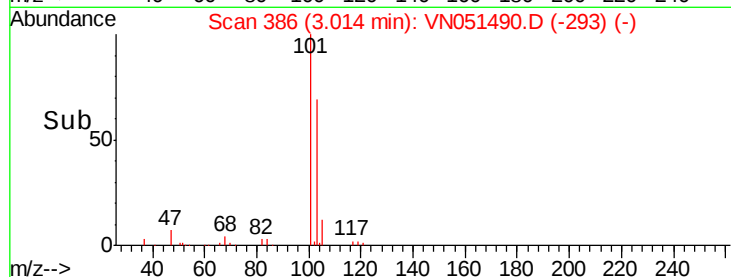
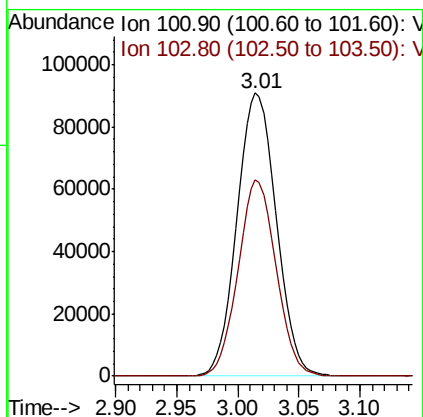
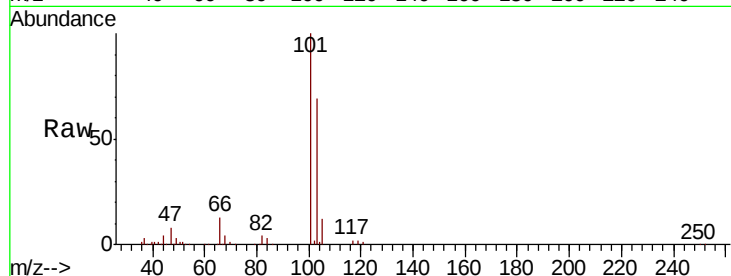


#7

Trichlorofluoromethane
 Concen: 18.373 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

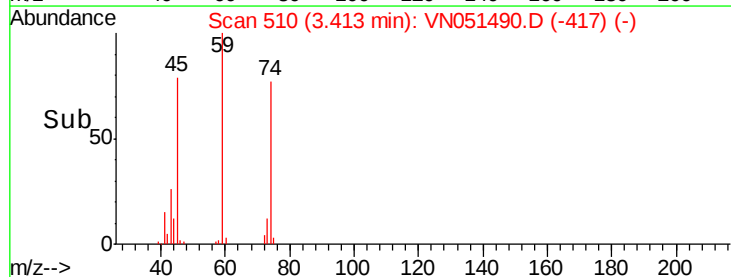
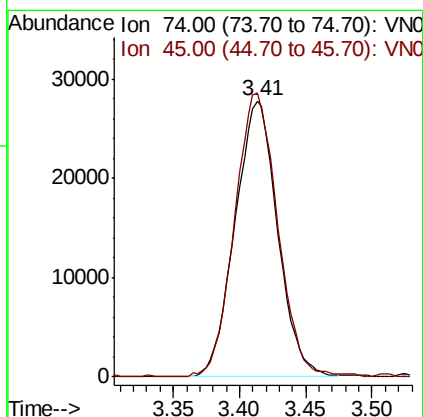
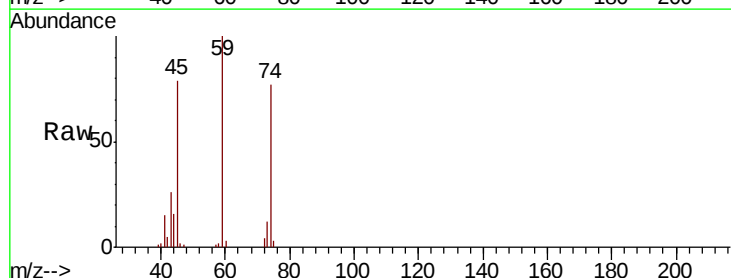
Tot Ion:101 Resp: 202806
 Ion Ratio Lower Upper
 101 100
 103 69.4 51.8 77.8

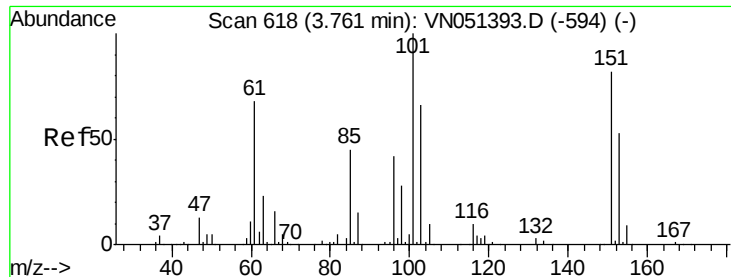


#8

Diethyl Ether
 Concen: 15.975 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion: 74 Resp: 61819
 Ion Ratio Lower Upper
 74 100
 45 104.4 50.2 150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.057 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

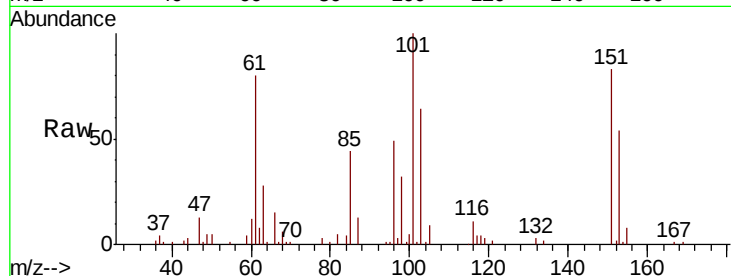
Tot Ion:101 Resp: 112489

Ion Ratio Lower Upper

101 100

85 43.1 33.9 50.9

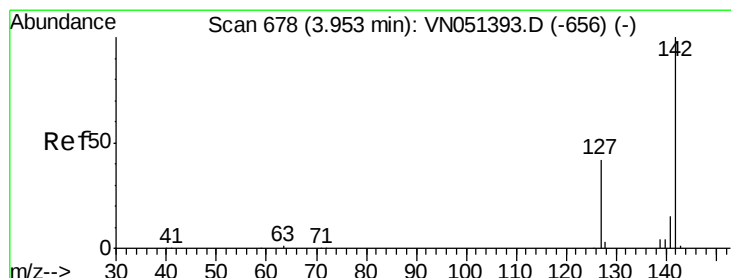
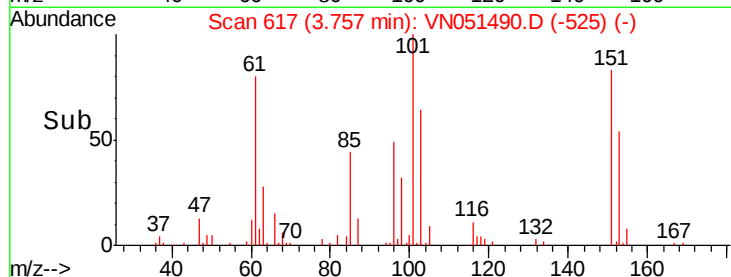
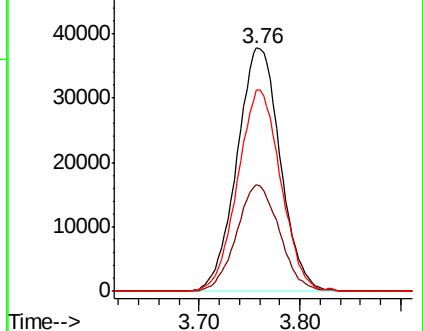
151 82.2 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.221 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

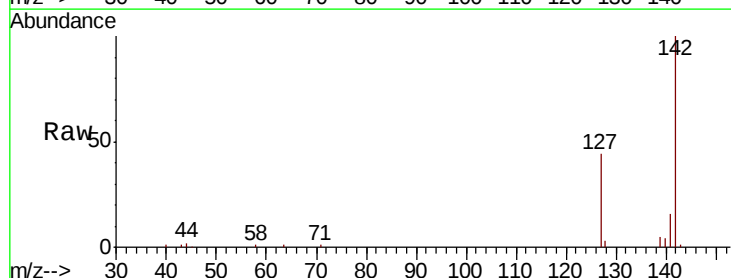
Tgt Ion:142 Resp: 132681

Ion Ratio Lower Upper

142 100

127 43.4 33.2 49.8

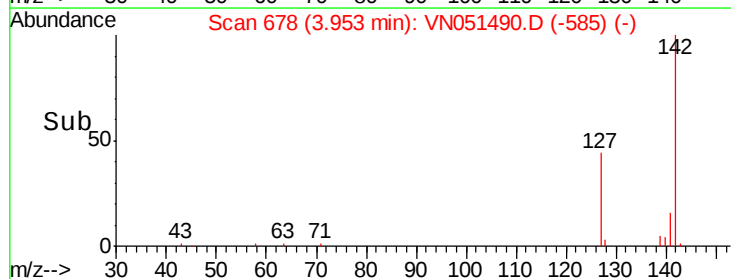
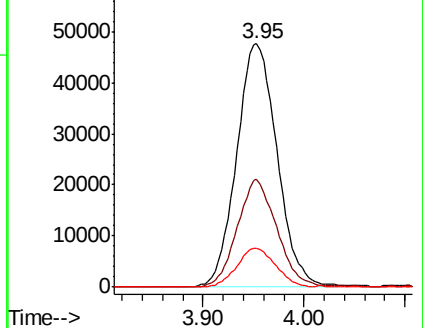
141 15.2 11.5 17.3

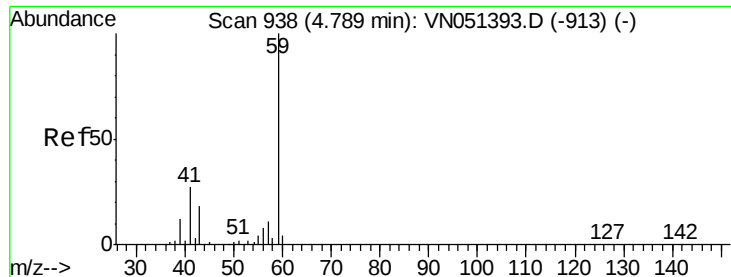


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

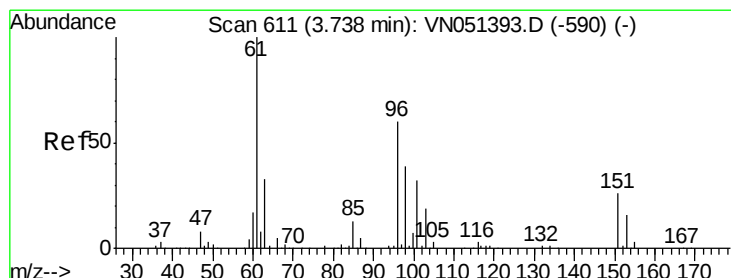
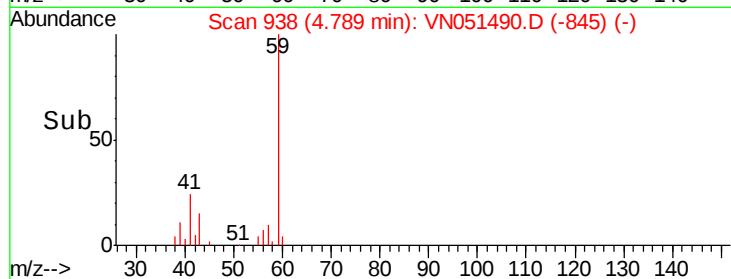
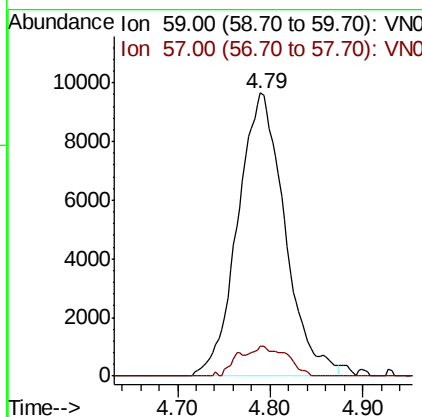
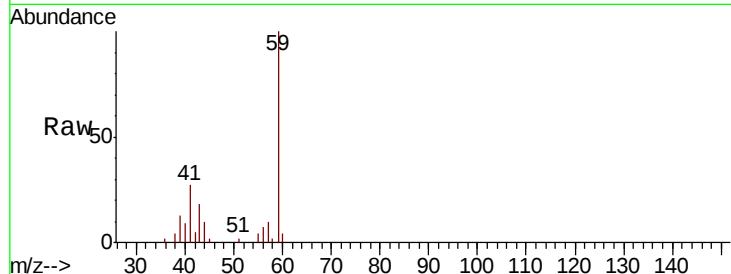




#11
Tert butyl alcohol
Concen: 93.446 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

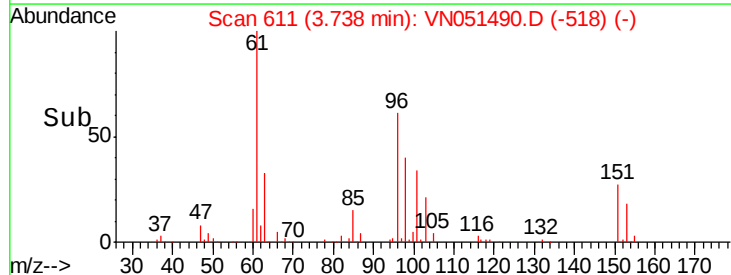
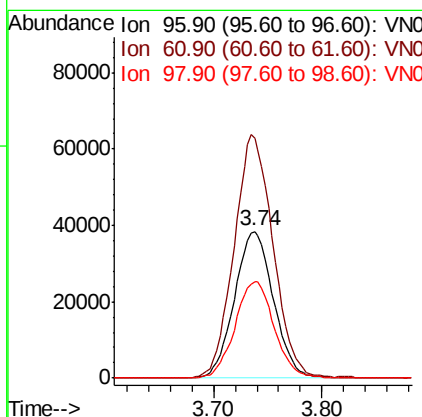
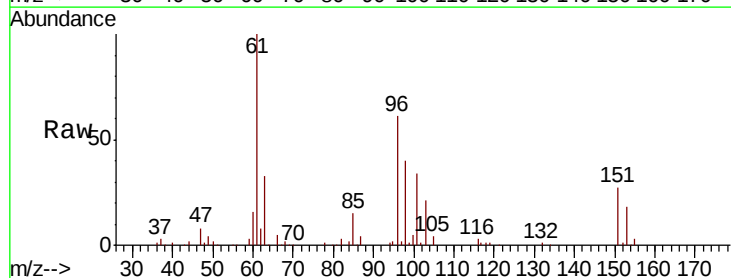
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

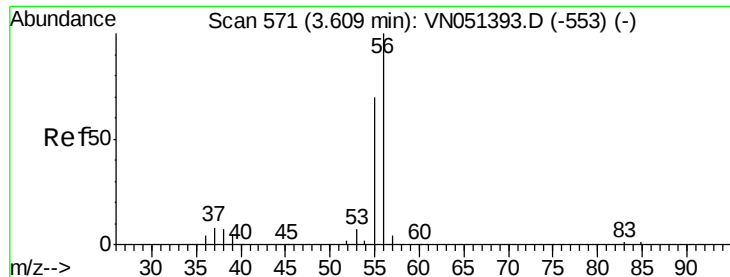
Tot Ion: 59 Resp: 33964
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#



#12
1,1-Dichloroethene
Concen: 16.873 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 96 Resp: 96515
Ion Ratio Lower Upper
96 100
61 163.7 133.6 200.4
98 66.2 52.2 78.2





#13

Acrolein

Concen: 72.991 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

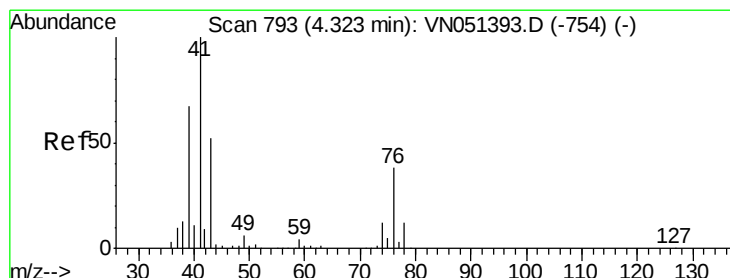
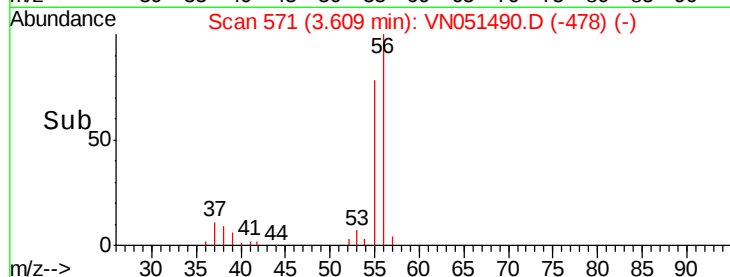
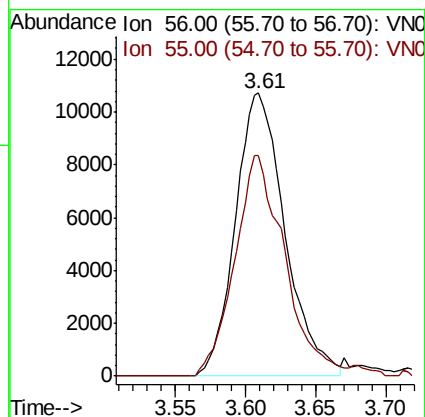
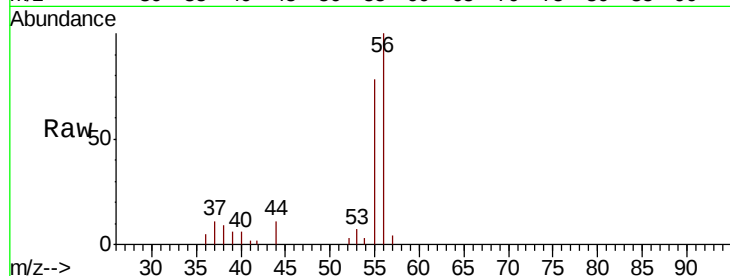
VN0926WBS01

Tot Ion: 56 Resp: 26344

Ion Ratio Lower Upper

56 100

55 78.3 57.8 86.8



#14

Allyl chloride

Concen: 17.592 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

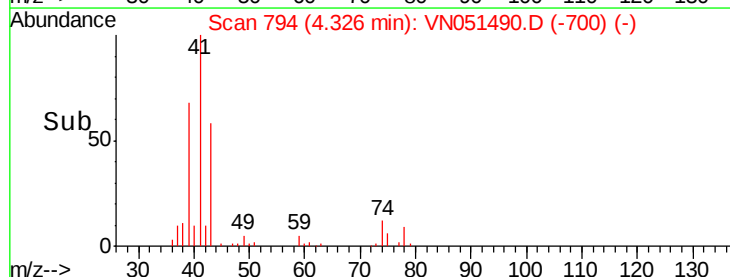
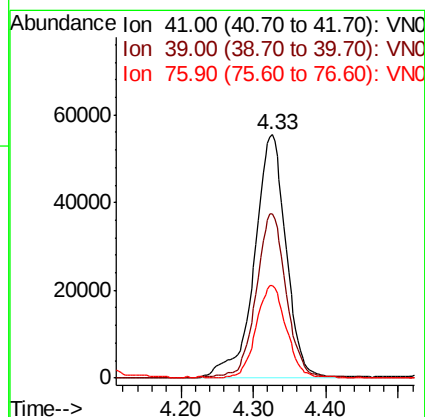
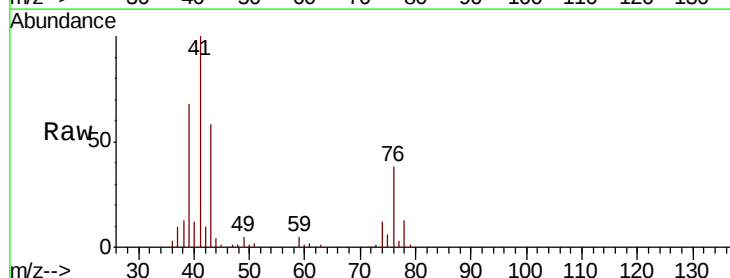
Tgt Ion: 41 Resp: 168825

Ion Ratio Lower Upper

41 100

39 64.3 51.4 77.2

76 35.2 28.1 42.1





#15

Acrylonitrile

Concen: 91.980 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

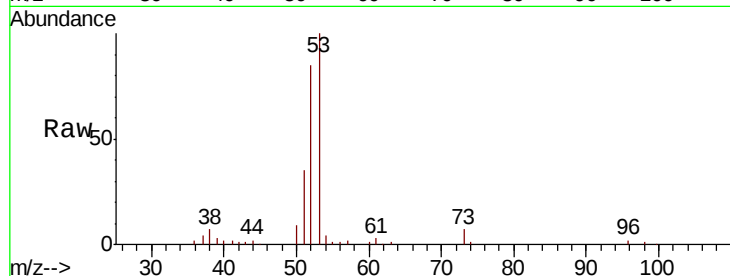
Tot Ion: 53 Resp: 181860

Ion Ratio Lower Upper

53 100

52 81.0 66.2 99.2

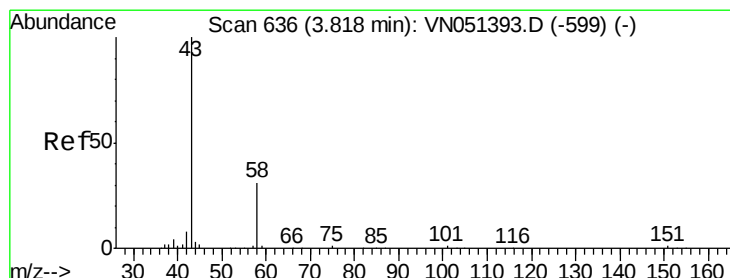
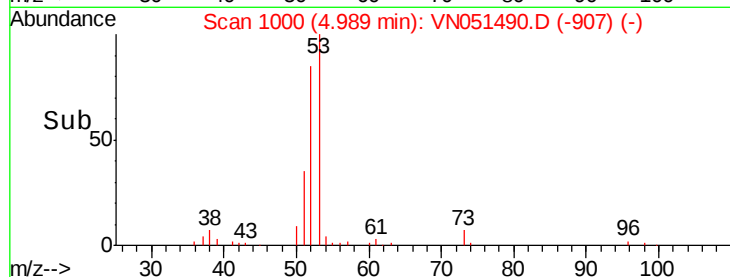
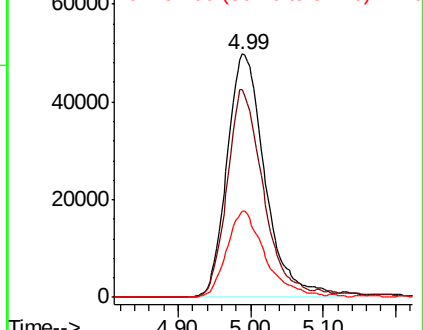
51 36.0 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VN051393.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051393.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051393.D (-976) (-)



#16

Acetone

Concen: 72.333 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051490.D

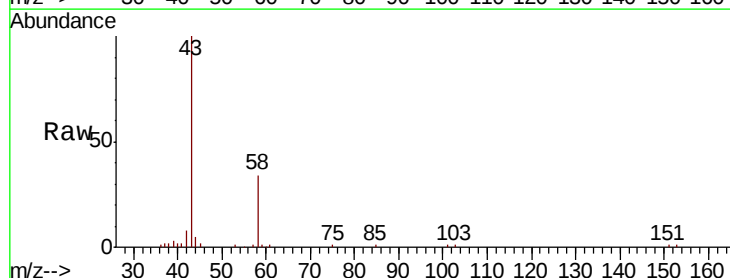
Acq: 25 Sep 2018 18:19

Tgt Ion: 43 Resp: 127988

Ion Ratio Lower Upper

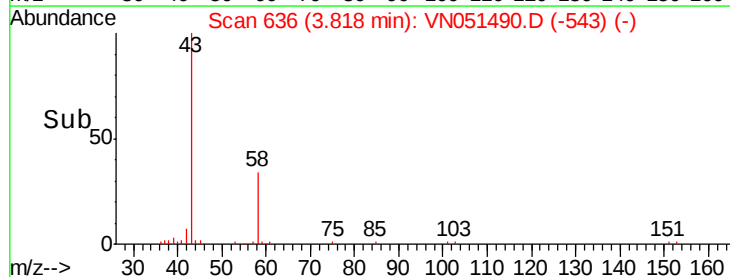
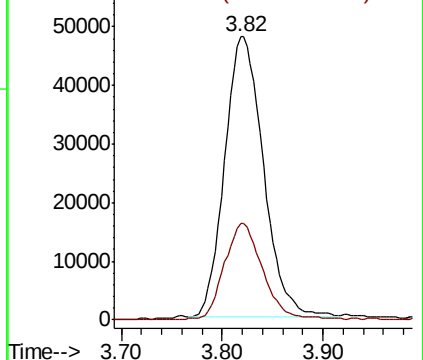
43 100

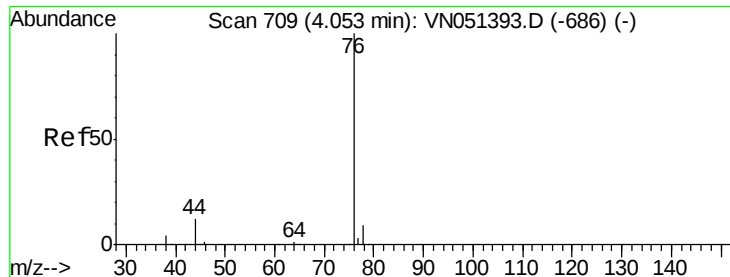
58 34.1 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-599) (-)

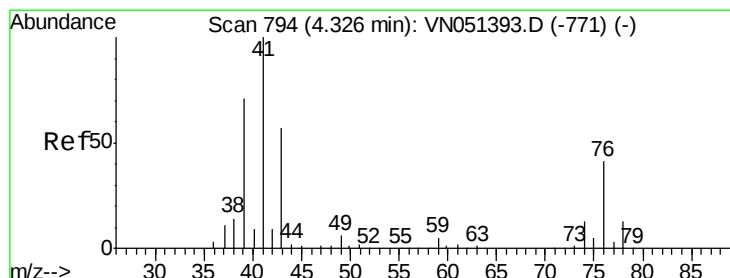
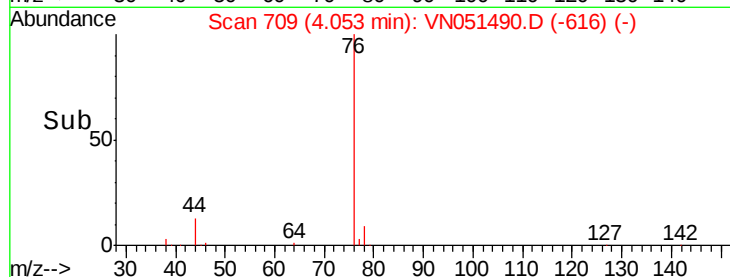
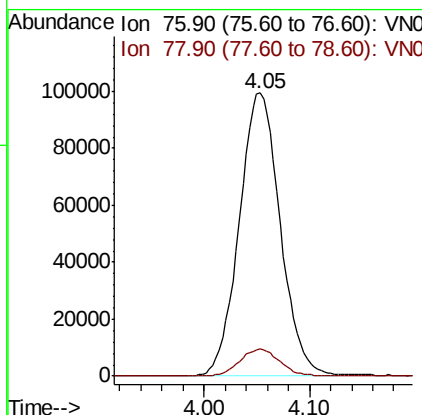
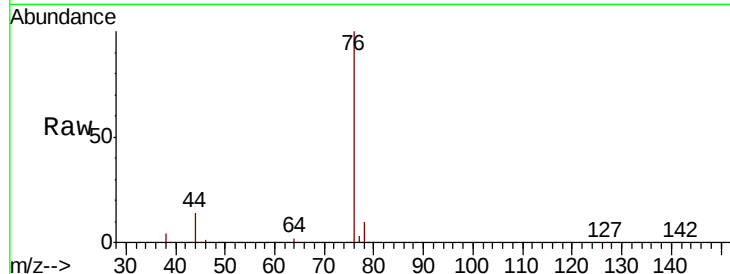




#17
Carbon Disulfide
Concen: 15.985 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

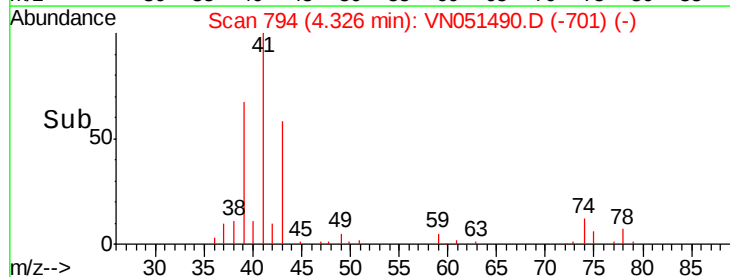
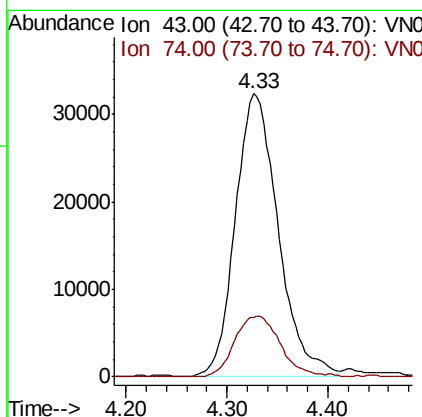
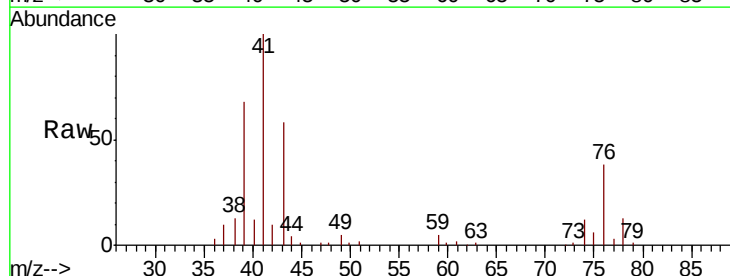
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

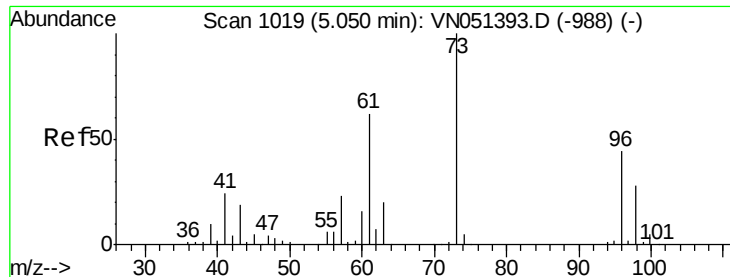
Tot Ion: 76 Resp: 268627
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 19.555 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 43 Resp: 95912
Ion Ratio Lower Upper
43 100
74 22.7 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 18.566 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampled :

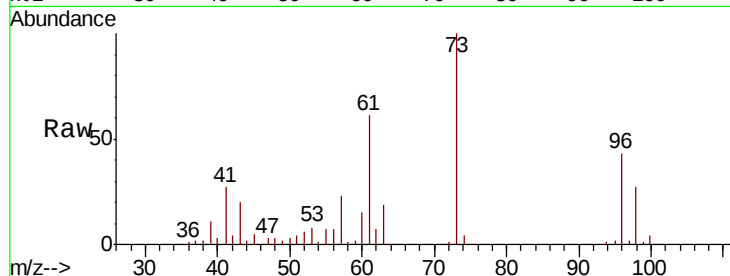
VN0926WBS01

Tot Ion: 73 Resp: 273856

Ion Ratio Lower Upper

73 100

57 23.0 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VN051393.D (-988) (-)

Ion 57.00 (56.70 to 57.70): VN051393.D (-988) (-)

5.05

80000

60000

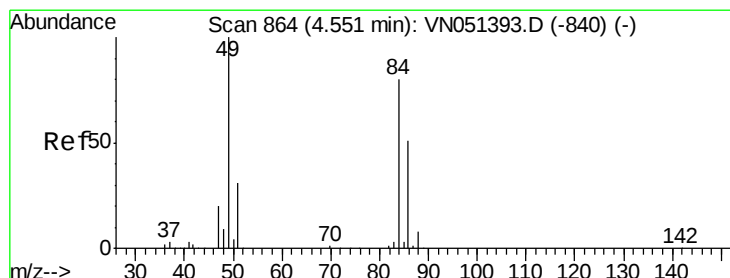
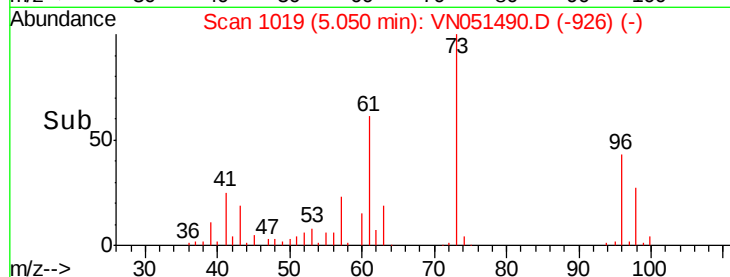
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 18.388 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion: 84 Resp: 117179

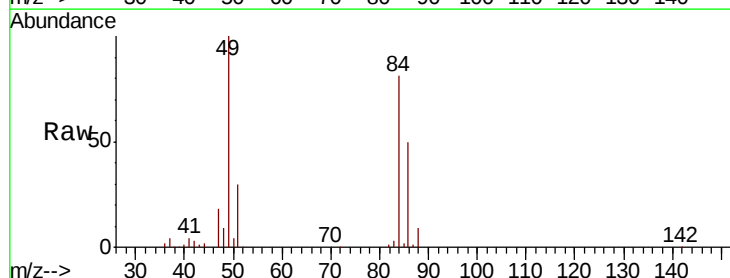
Ion Ratio Lower Upper

84 100

49 123.6 99.9 149.9

51 37.0 31.4 47.2

86 62.2 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VN051393.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051393.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051393.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051393.D (-840) (-)

60000

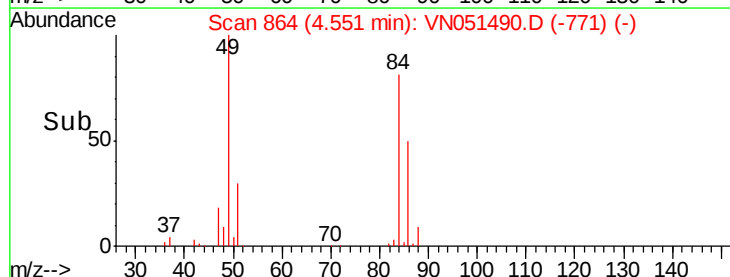
40000

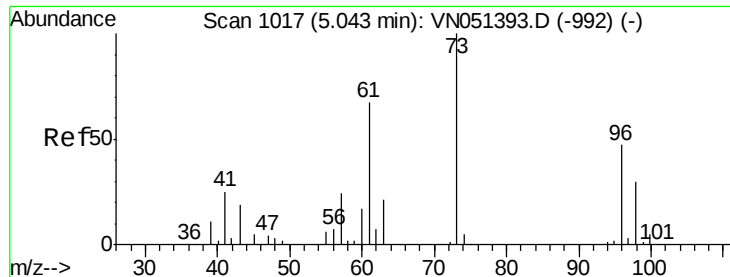
20000

0

Time-->

4.40 4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 17.956 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

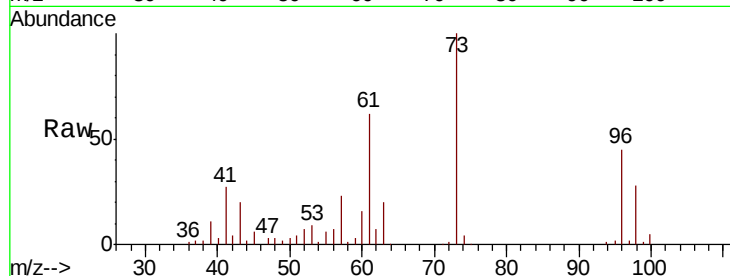
Tot Ion: 96 Resp: 105066

Ion Ratio Lower Upper

96 100

61 138.8 113.4 170.2

98 63.6 51.1 76.7

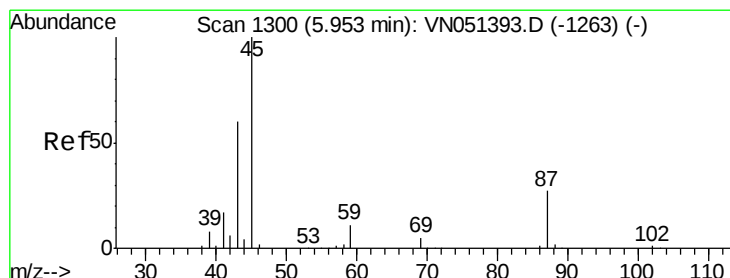
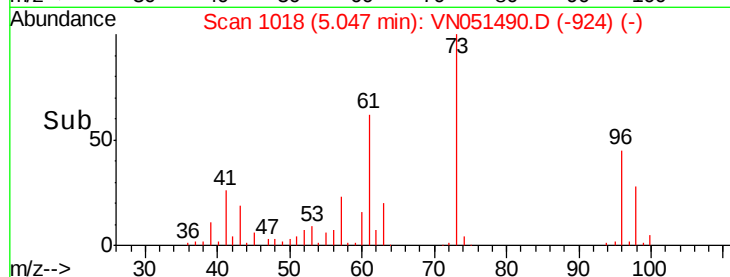
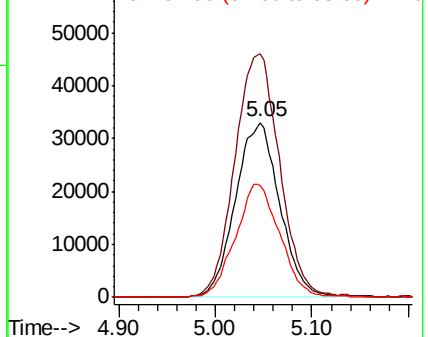


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.904 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion: 45 Resp: 369234

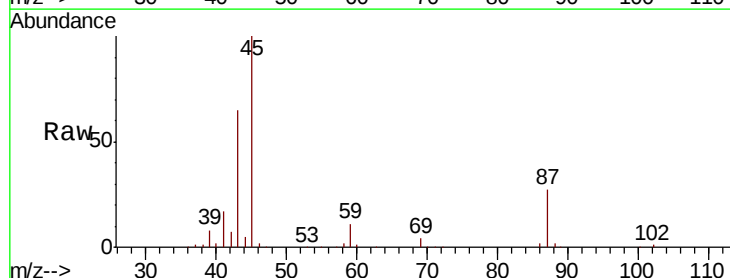
Ion Ratio Lower Upper

45 100

43 63.0 47.7 71.5

87 27.1 22.0 33.0

59 11.1 9.3 13.9



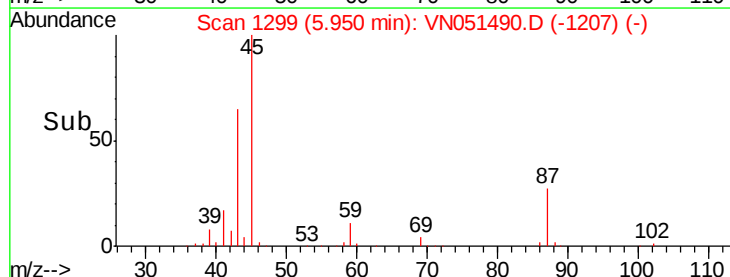
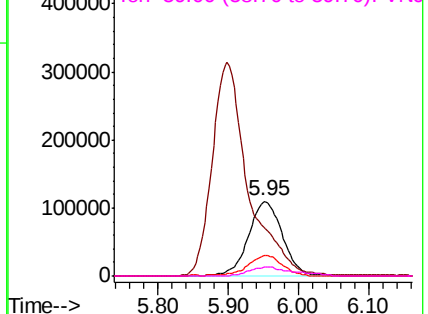
Abundance

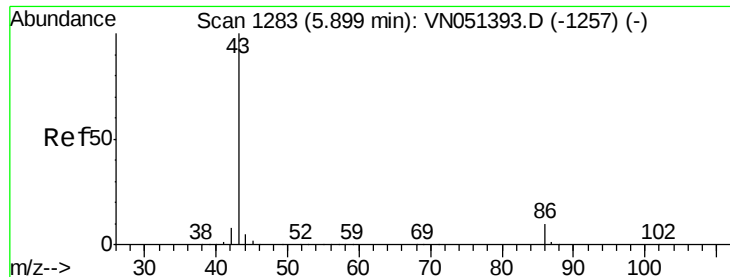
Ion 45.00 (44.70 to 45.70): VN0

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

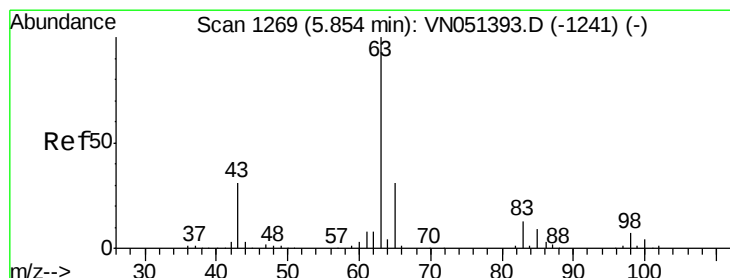
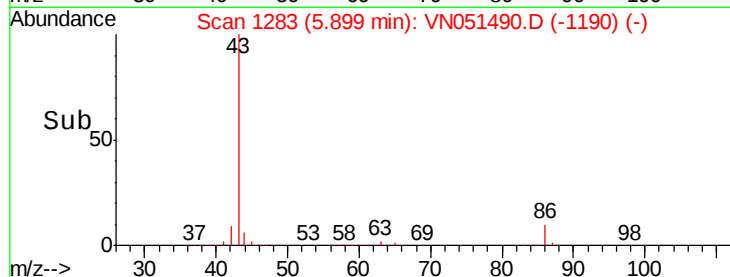
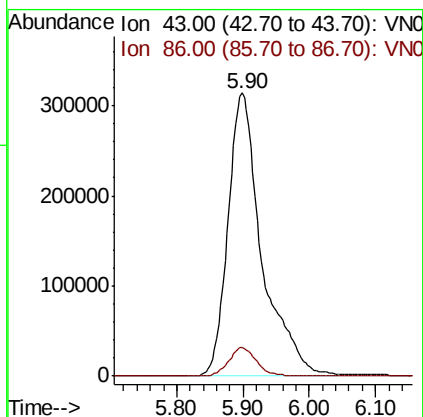
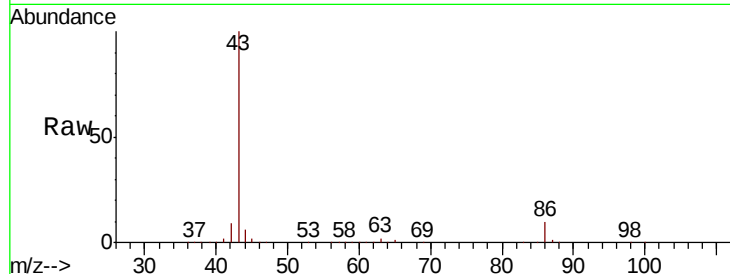




#23
 Vinyl Acetate
 Concen: 91.874 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

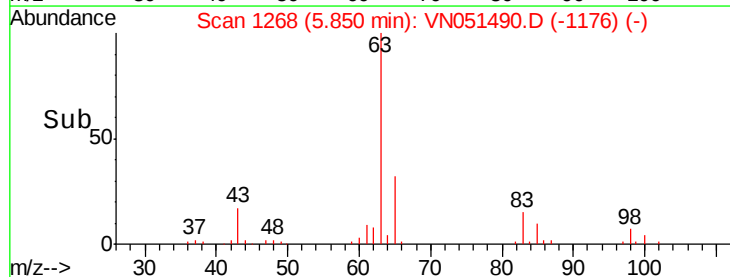
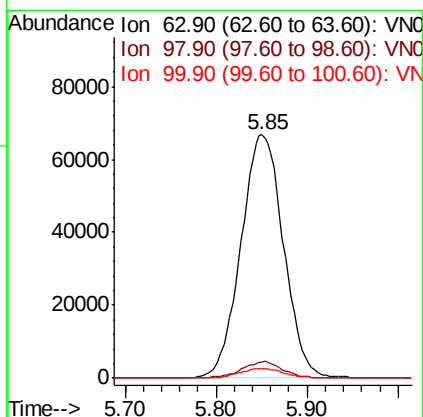
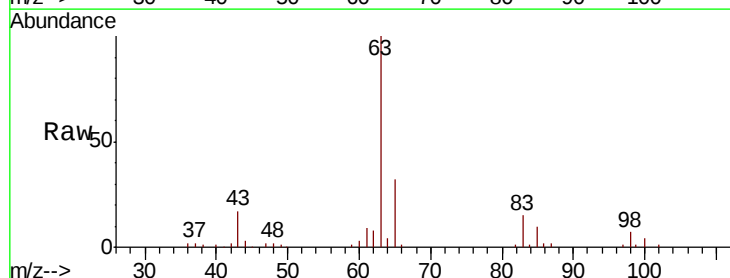
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

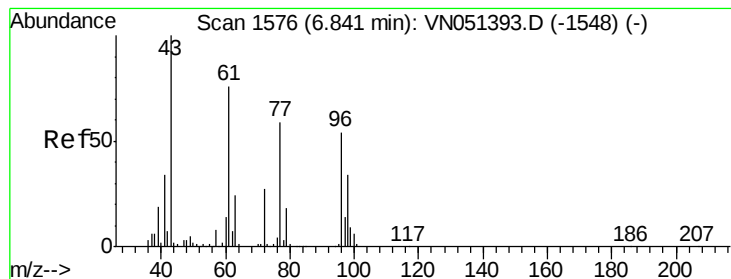
Tot Ion: 43 Resp: 1118915
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.539 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion: 63 Resp: 216261
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.8 2.2 6.6





#25

2-Butanone

Concen: 90.599 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampled :

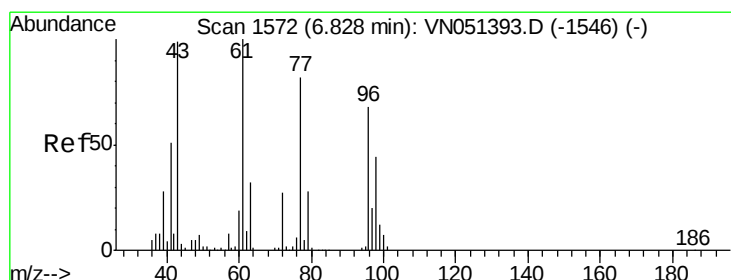
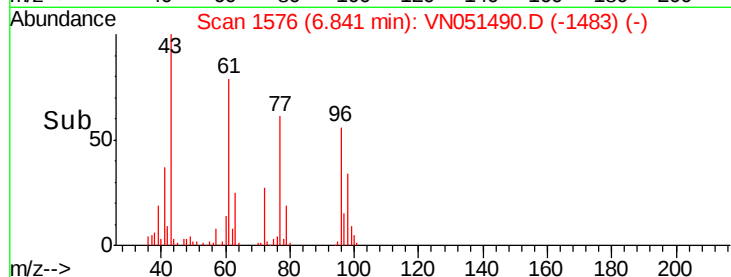
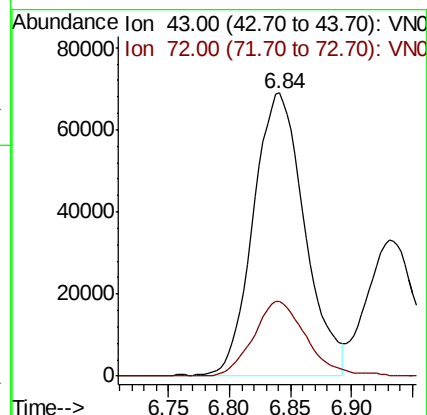
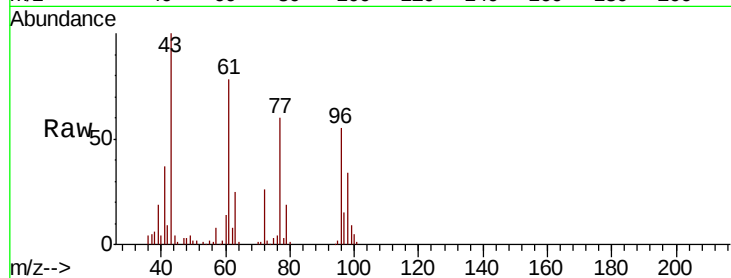
VN0926WBS01

Tot Ion: 43 Resp: 199706

Ion Ratio Lower Upper

43 100

72 26.6 21.8 32.6



#26

2,2-Dichloropropane

Concen: 19.682 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051490.D

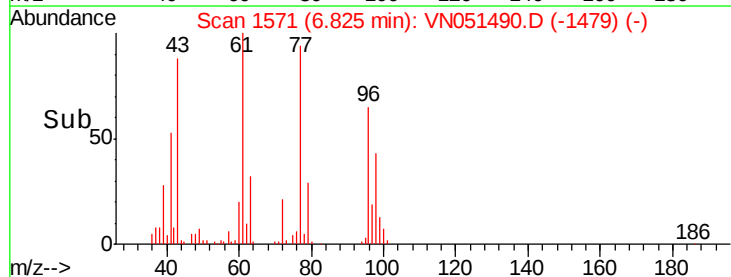
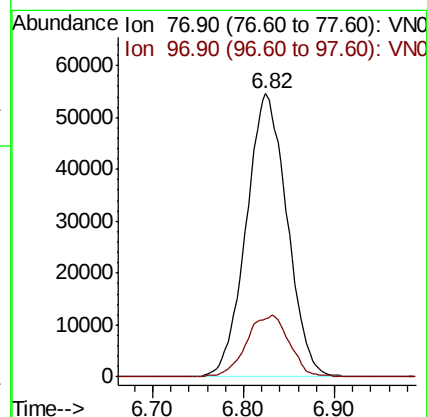
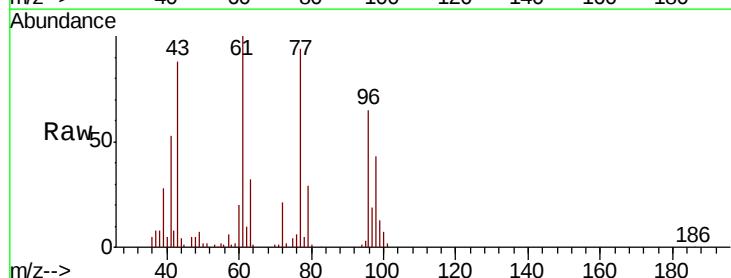
Acq: 25 Sep 2018 18:19

Tgt Ion: 77 Resp: 170052

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.671 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

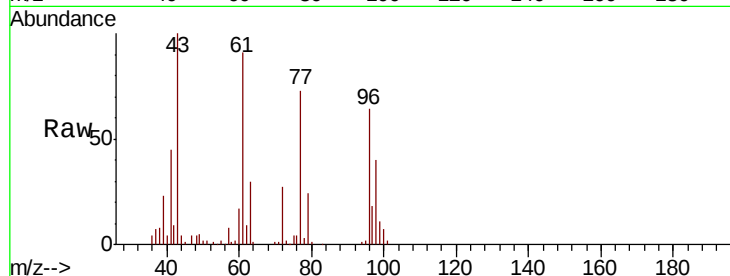
Tot Ion: 96 Resp: 119879

Ion Ratio Lower Upper

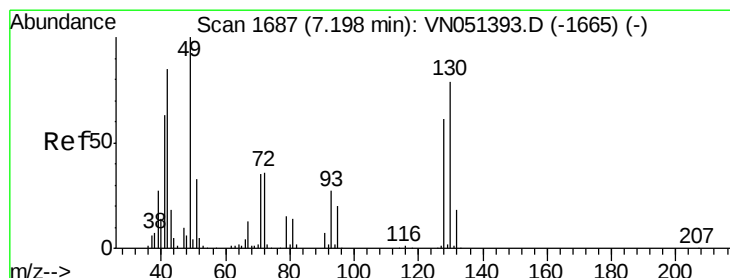
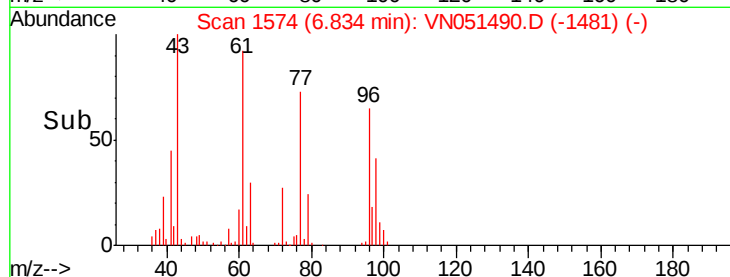
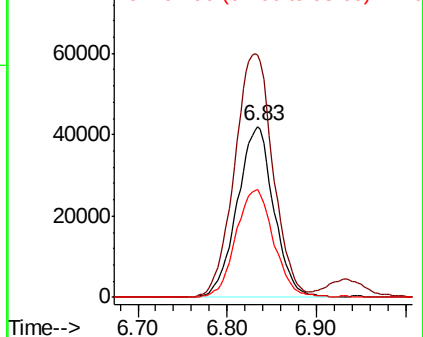
96 100

61 149.5 0.0 291.4

98 65.3 0.0 128.4



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



#28

Bromochloromethane

Concen: 19.749 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

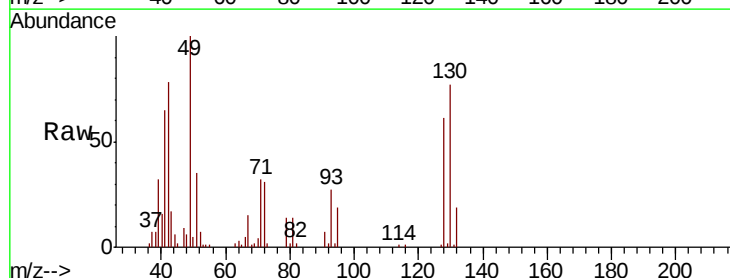
Tgt Ion: 49 Resp: 100941

Ion Ratio Lower Upper

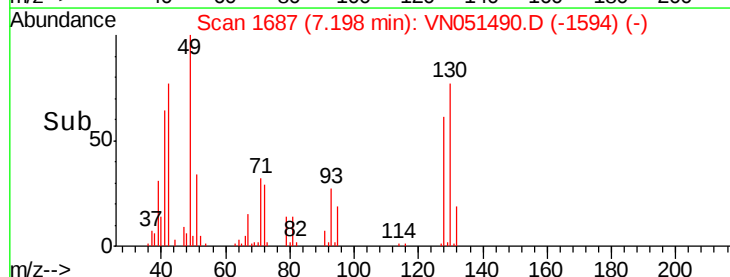
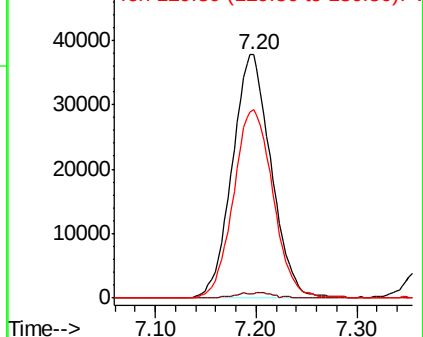
49 100

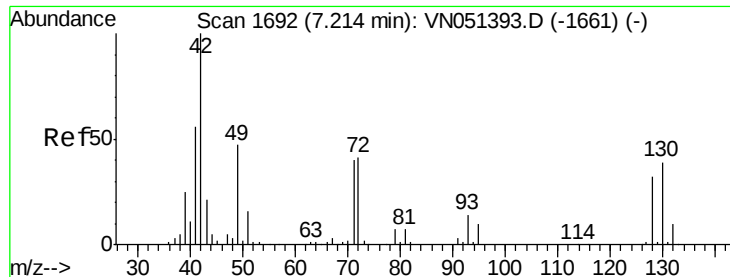
129 0.9 0.0 3.8

130 78.5 63.0 94.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.541 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

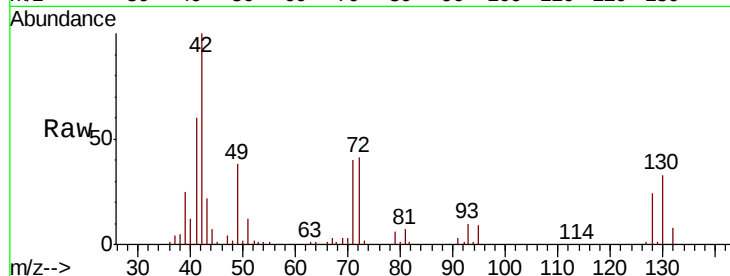
Tot Ion: 42 Resp: 132062

Ion Ratio Lower Upper

42 100

72 42.3 34.3 51.5

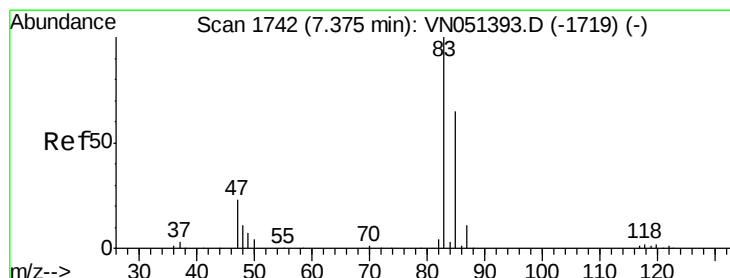
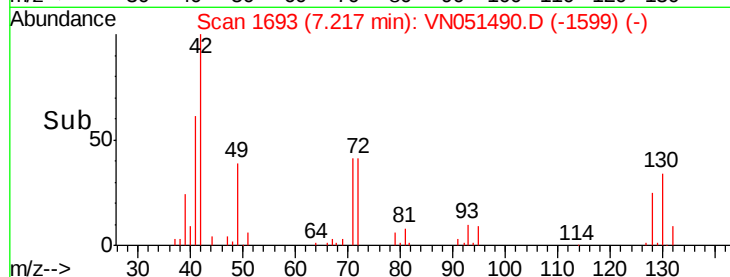
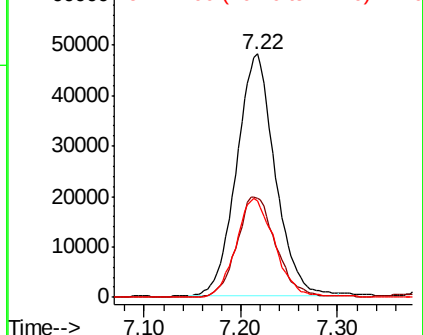
71 41.1 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.638 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051490.D

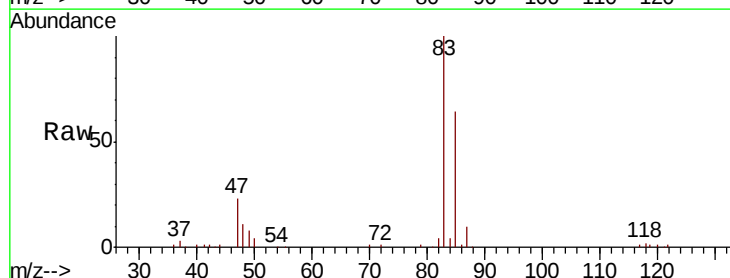
Acq: 25 Sep 2018 18:19

Tgt Ion: 83 Resp: 215375

Ion Ratio Lower Upper

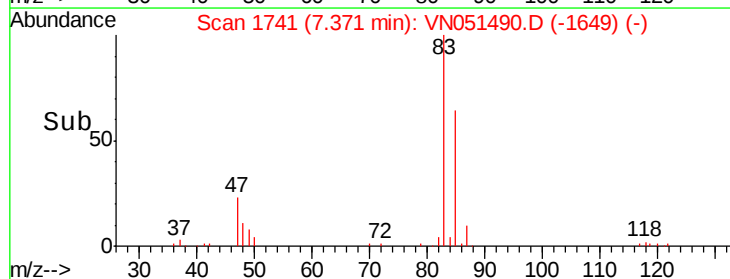
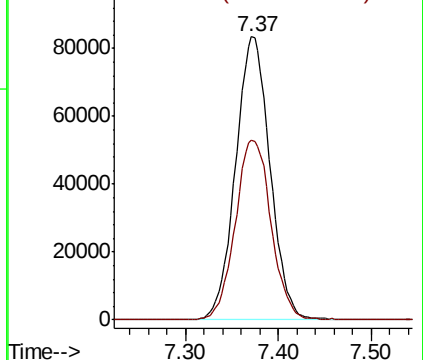
83 100

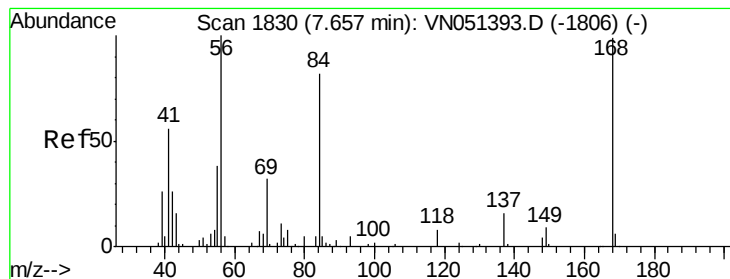
85 63.6 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.974 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

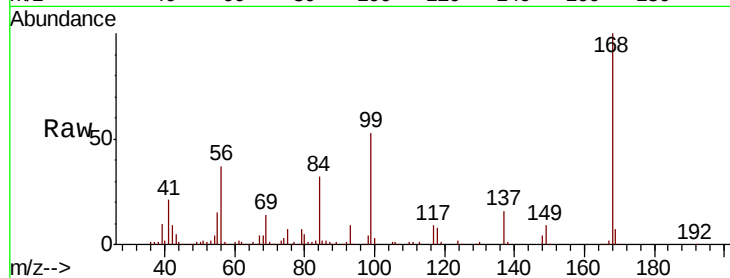
Tot Ion: 56 Resp: 182275

Ion Ratio Lower Upper

56 100

69 37.8 25.8 38.6

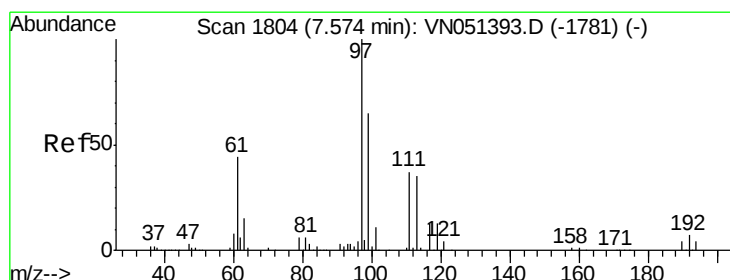
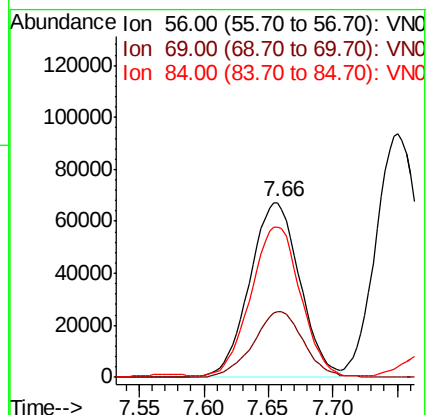
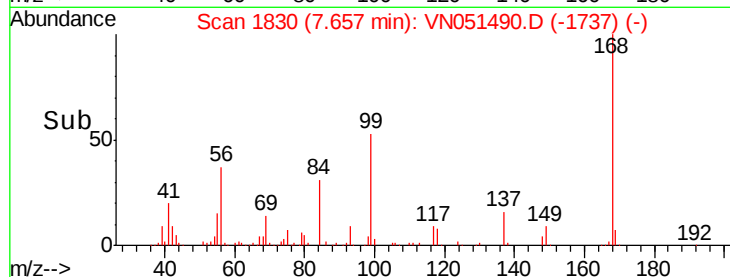
84 84.9 66.0 99.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.610 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

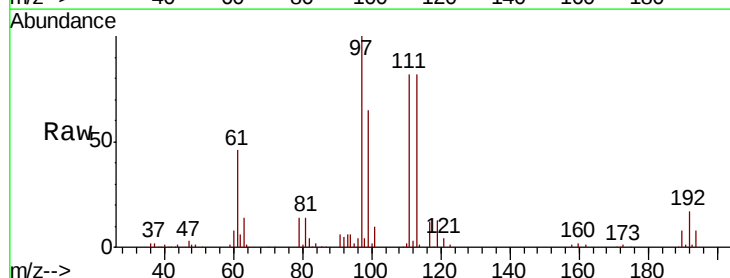
Tgt Ion: 97 Resp: 183863

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

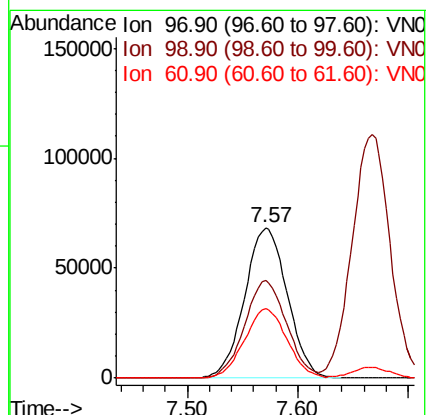
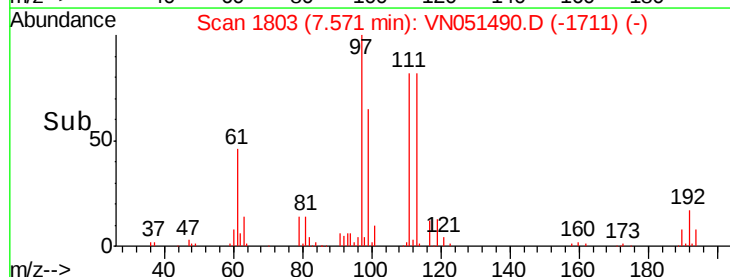
61 45.8 35.8 53.8

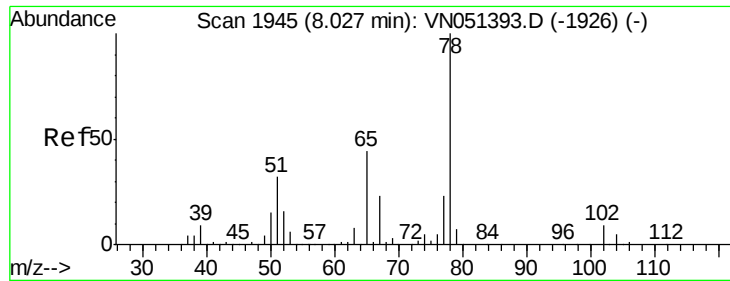


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

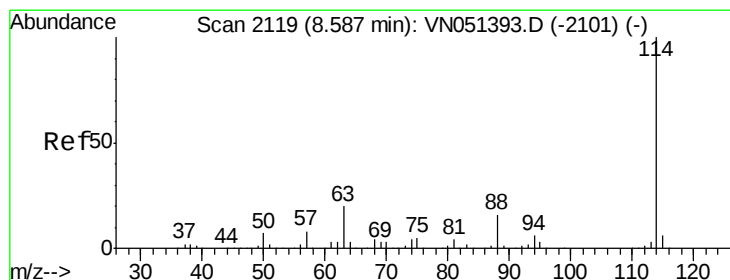
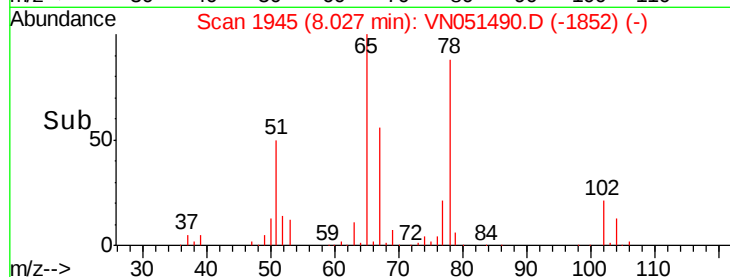
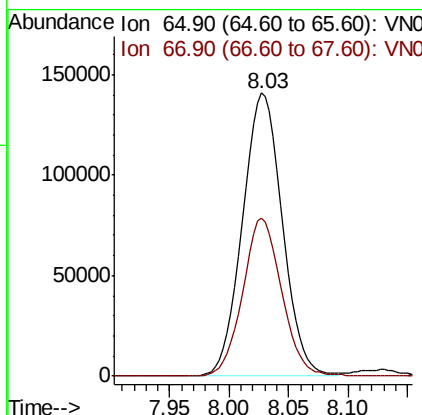
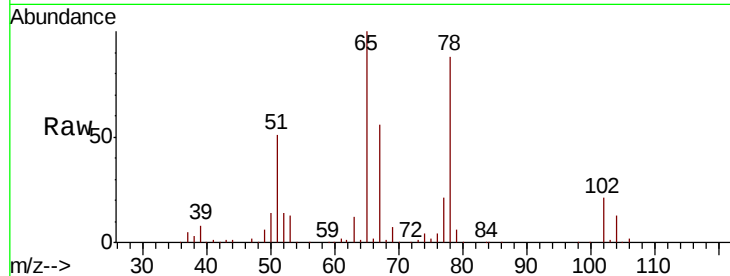




#33
 1,2-Dichloroethane-d4
 Concen: 50.794 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

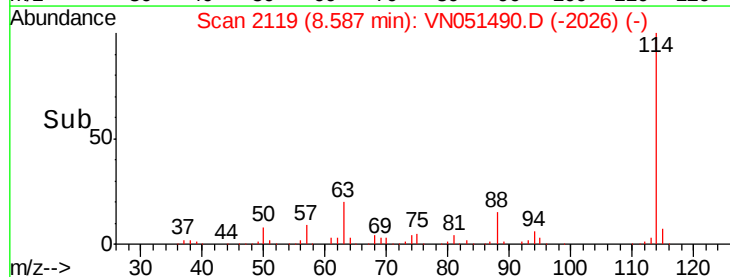
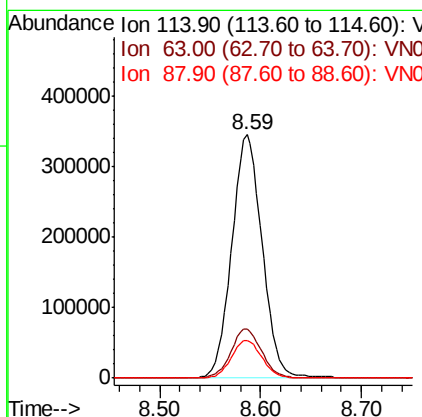
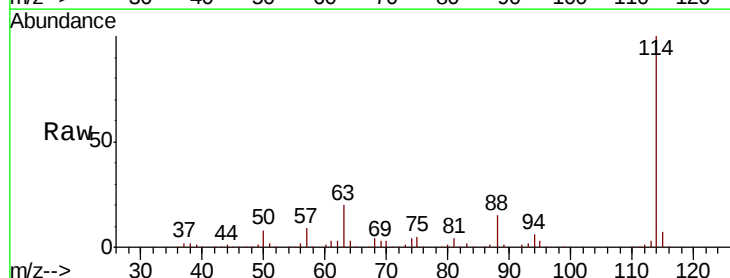
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

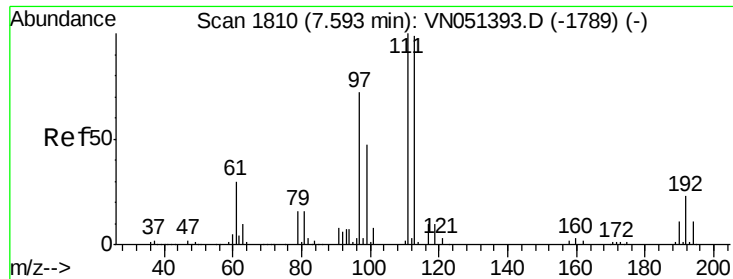
Tot Ion: 65 Resp: 327117
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion: 114 Resp: 722531
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 15.5 0.0 31.4

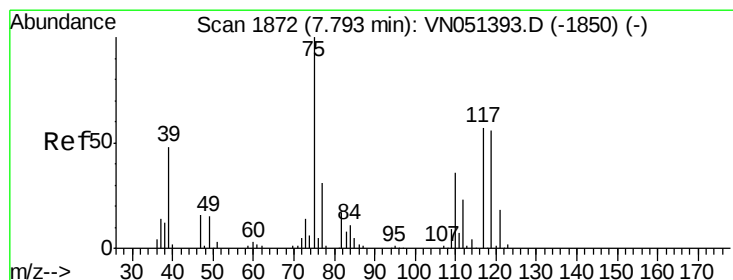
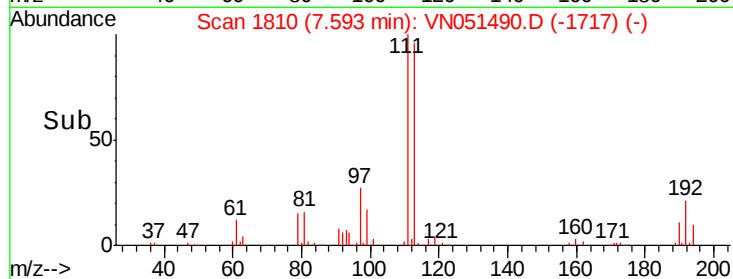
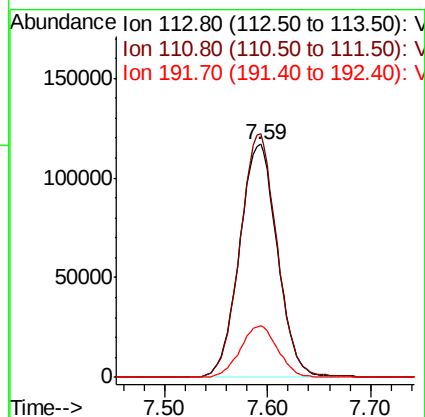
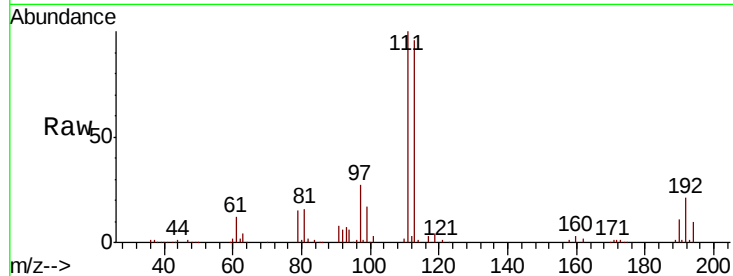




#35
 Dibromofluoromethane
 Concen: 51.682 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

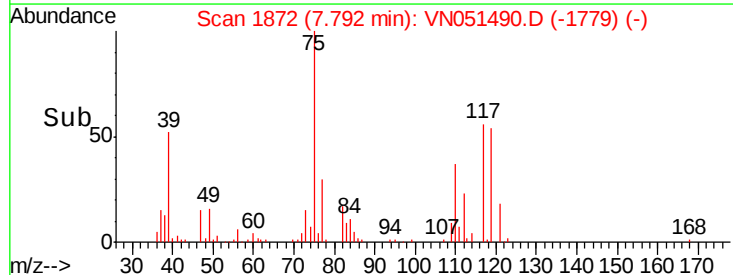
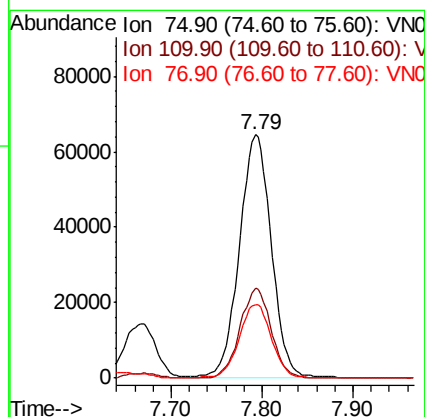
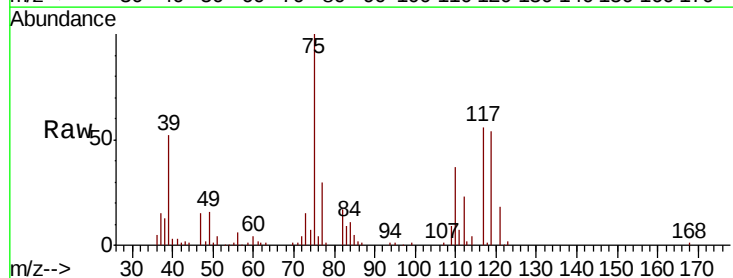
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

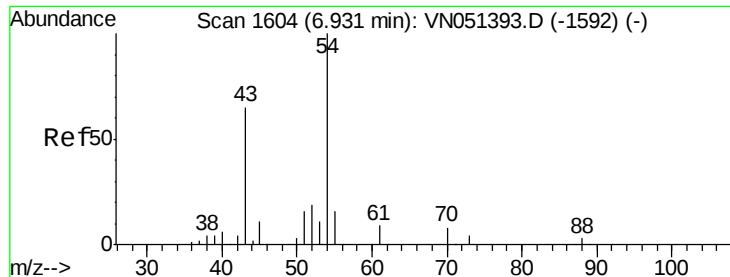
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	21.9	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 18.646 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.3
77	31.0	25.6	38.4

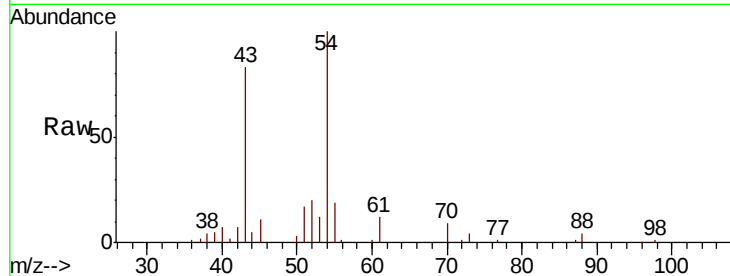




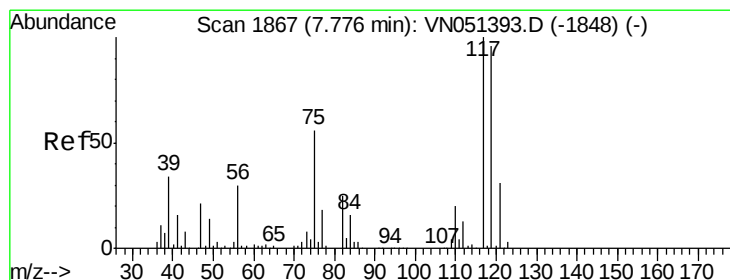
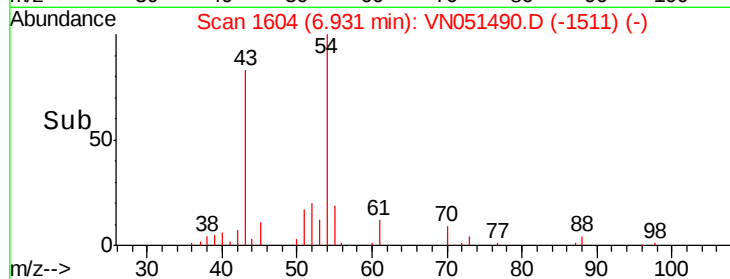
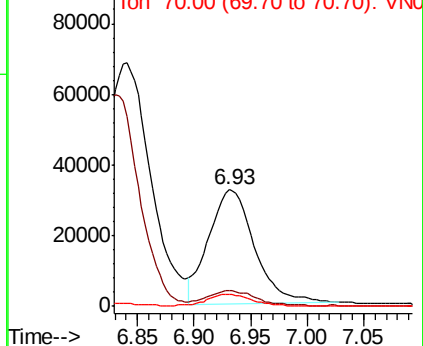
#37
Ethyl Acetate
Concen: 19.040 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tot Ion: 43 Resp: 91599
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 10.4 7.9 11.9

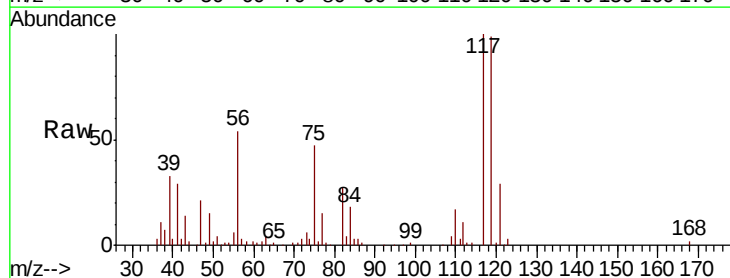


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

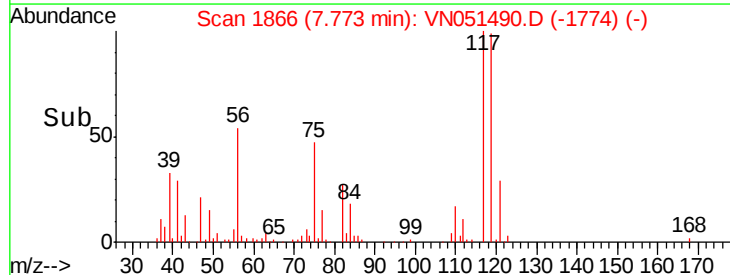
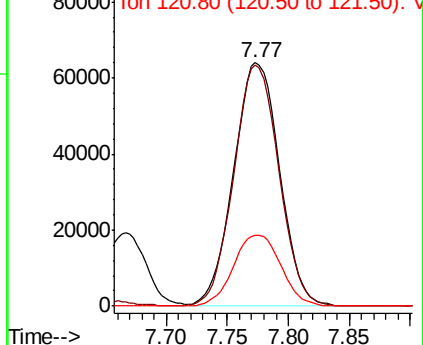


#38
Carbon Tetrachloride
Concen: 18.979 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 117 Resp: 166092
Ion Ratio Lower Upper
117 100
119 99.0 76.9 115.3
121 29.3 24.6 37.0



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

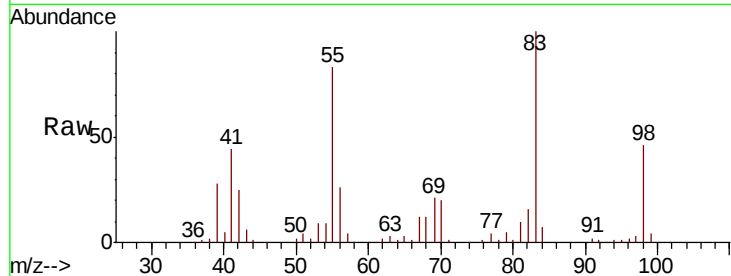




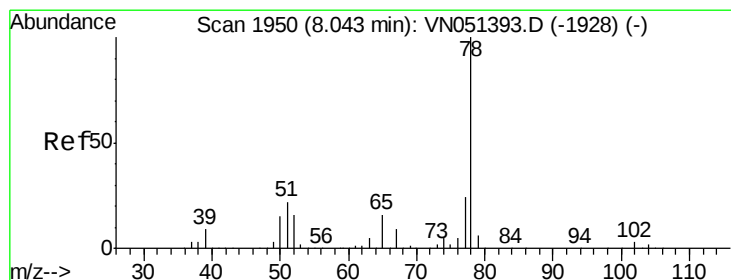
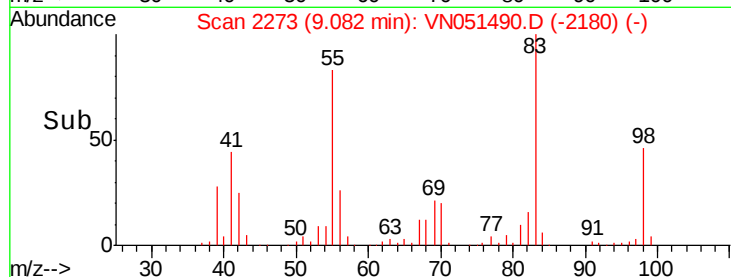
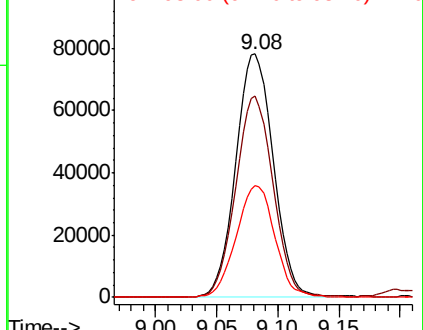
#39
Methvlcvclohexane
Concen: 17.086 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tot Ion: 83 Resp: 167118
Ion Ratio Lower Upper
83 100
55 82.5 61.0 91.4
98 45.9 35.6 53.4

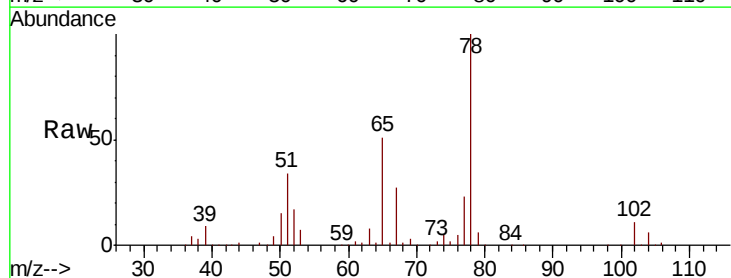


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

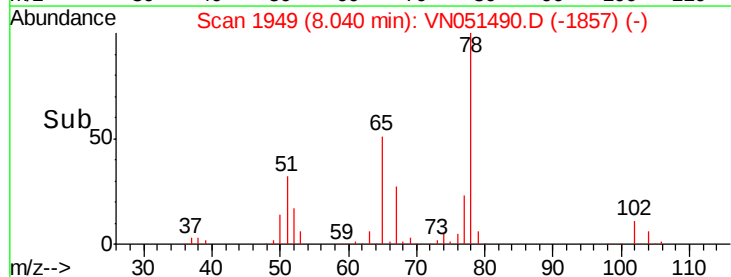
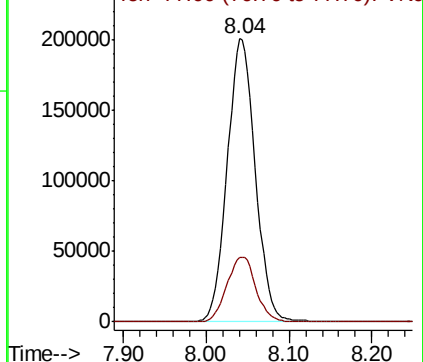


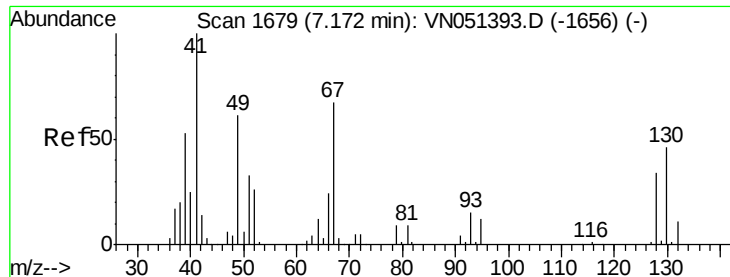
#40
Benzene
Concen: 19.228 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 78 Resp: 472374
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8



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

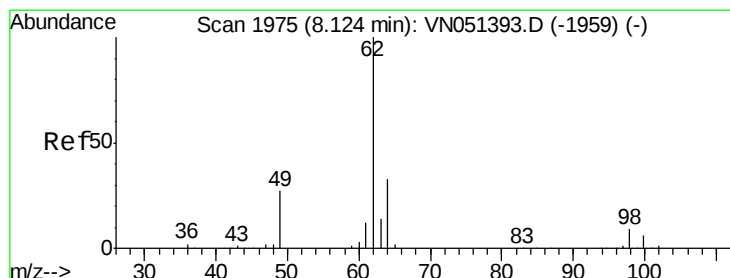
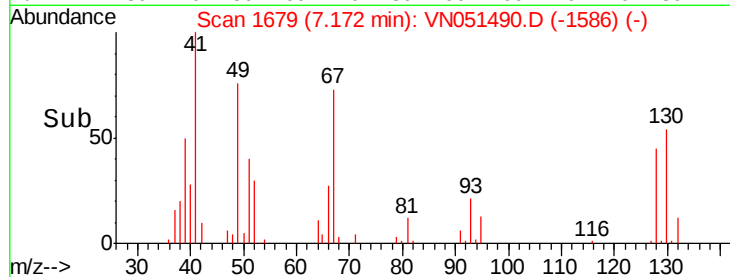
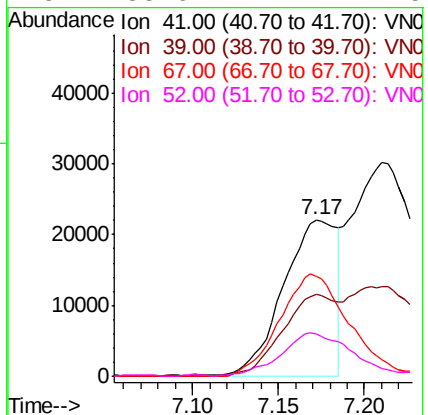
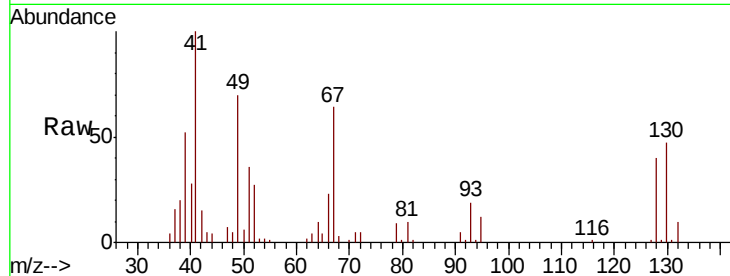




#41
Methacrylonitrile
Concen: 17.976 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

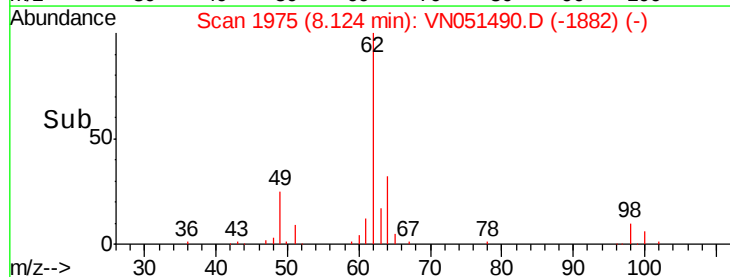
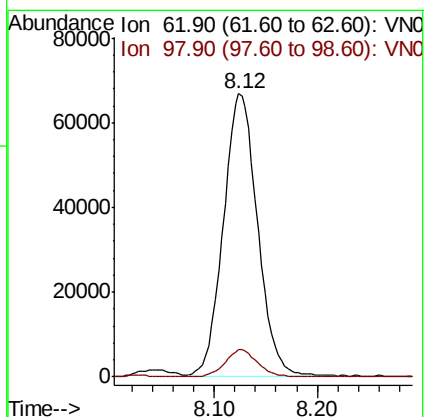
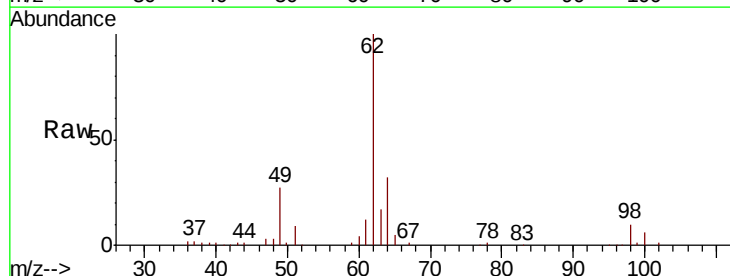
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

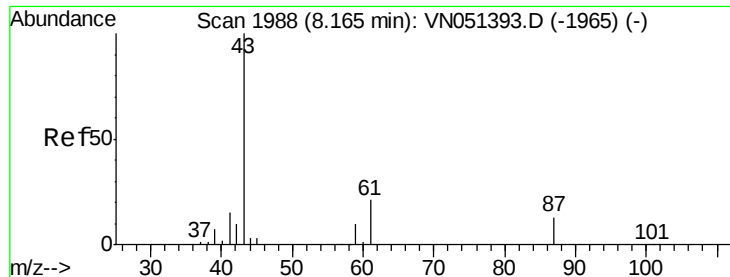
Tot Ion: 41 Resp: 47844
Ion Ratio Lower Upper
41 100
39 52.0 51.4 77.2
67 84.2 66.8 100.2
52 38.6 27.7 41.5



#42
1,2-Dichloroethane
Concen: 19.501 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 62 Resp: 153406
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.6





#43

Isopropyl Acetate

Concen: 18.885 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

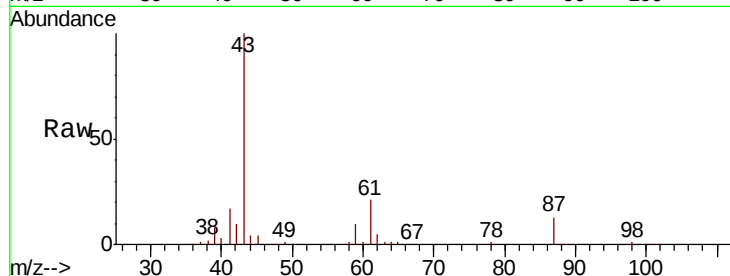
Tot Ion: 43 Resp: 164281

Ion Ratio Lower Upper

43 100

61 21.0 16.8 25.2

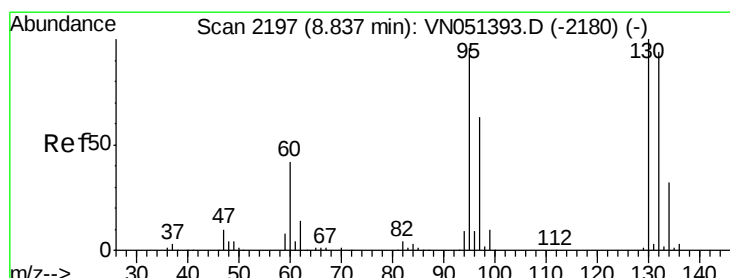
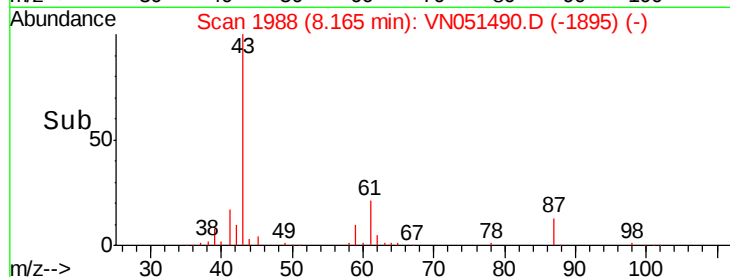
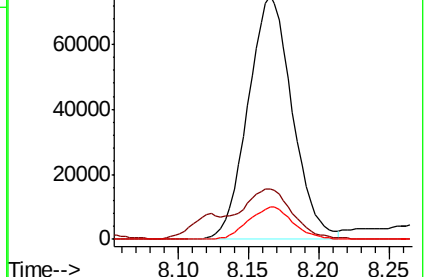
87 13.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051490.D (-2104) (-)

Ion 61.00 (60.70 to 61.70): VN051490.D (-2104) (-)

Ion 87.00 (86.70 to 87.70): VN051490.D (-2104) (-)



#44

Trichloroethene

Concen: 18.584 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051490.D

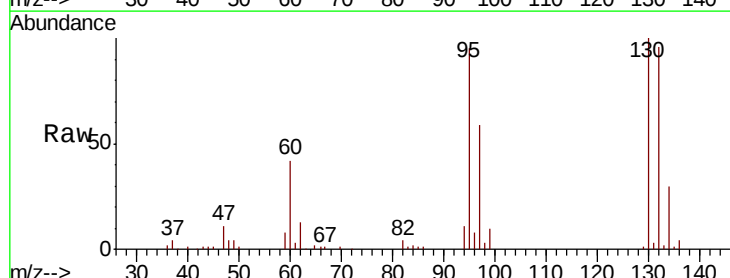
Acq: 25 Sep 2018 18:19

Tgt Ion:130 Resp: 121270

Ion Ratio Lower Upper

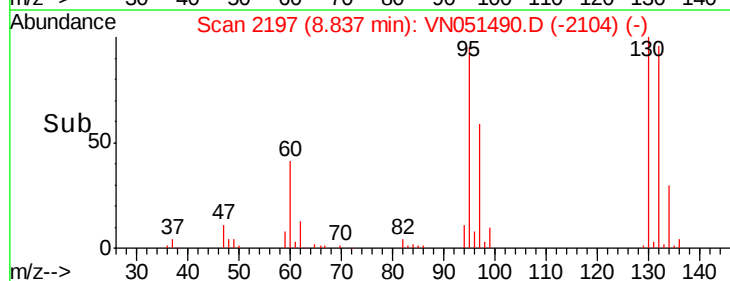
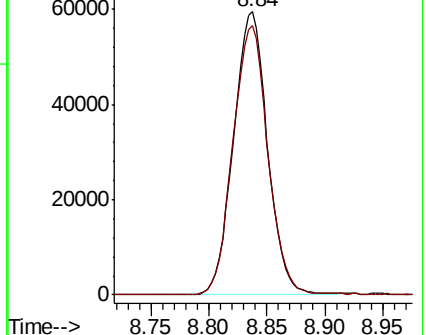
130 100

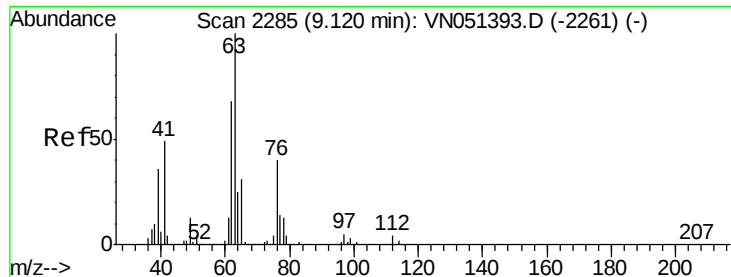
95 95.2 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051490.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN051490.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 19.544 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

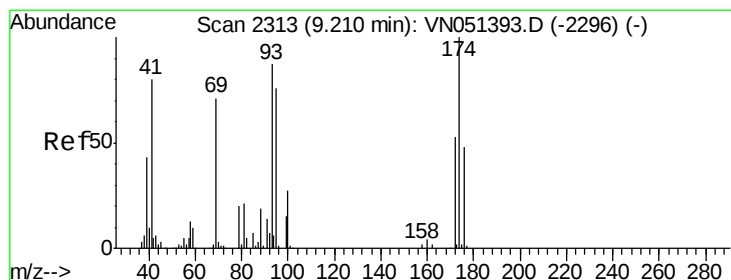
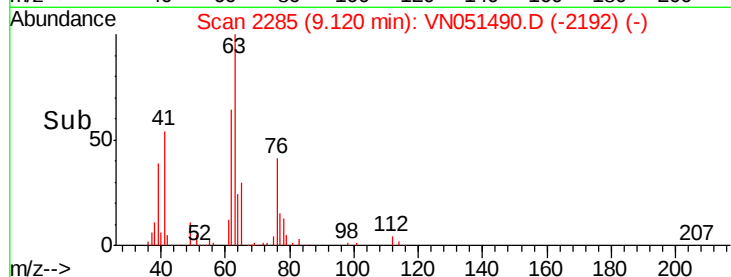
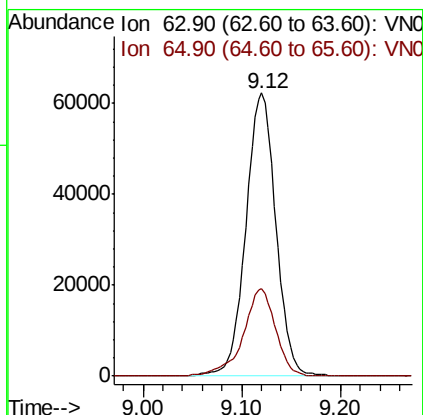
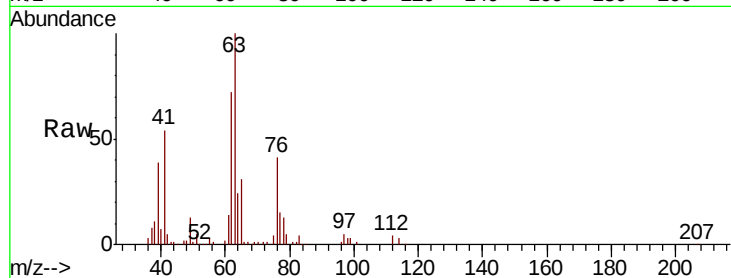
VN0926WBS01

Tot Ion: 63 Resp: 130522

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3



#46

Dibromomethane

Concen: 18.999 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

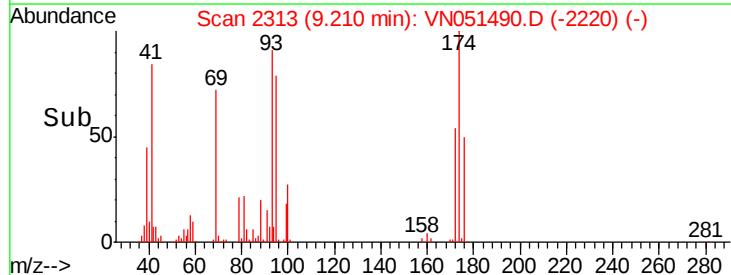
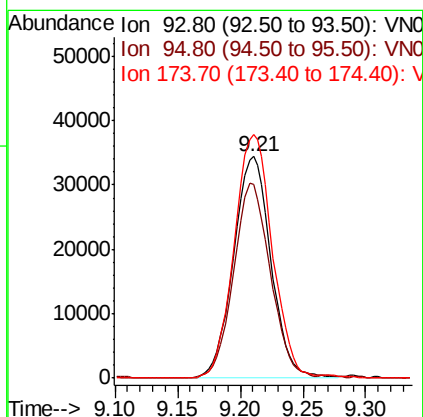
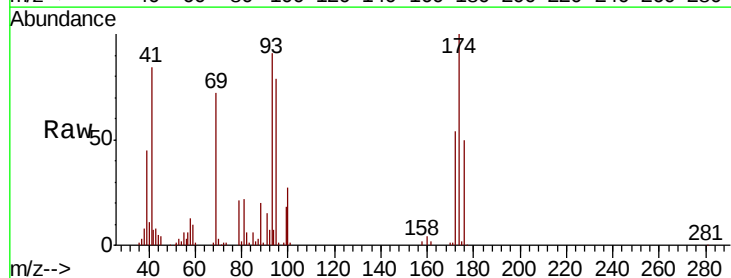
Tgt Ion: 93 Resp: 71688

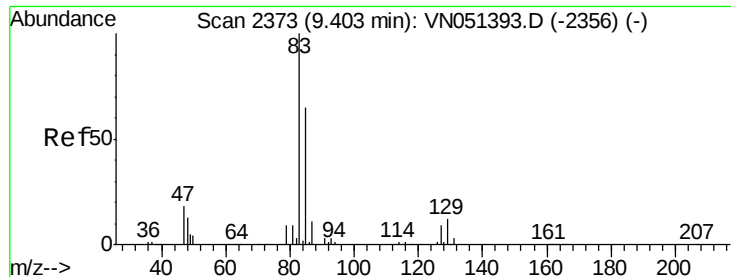
Ion Ratio Lower Upper

93 100

95 86.3 67.6 101.4

174 112.4 89.6 134.4

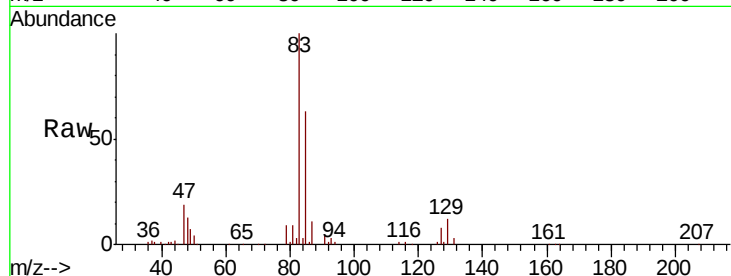




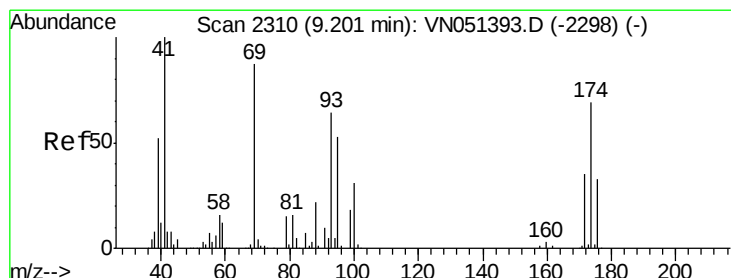
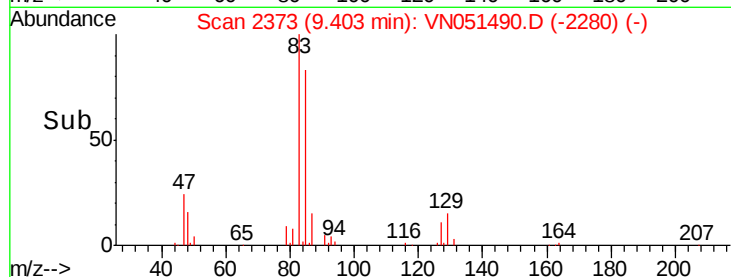
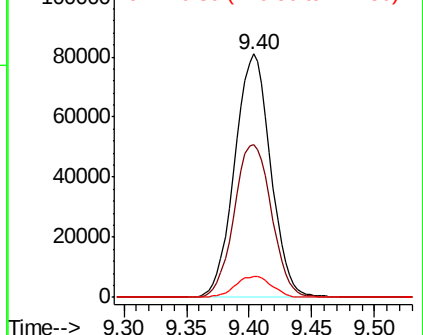
#47
Bromodichloromethane
Concen: 19.373 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tot Ion: 83 Resp: 161767
Ion Ratio Lower Upper
83 100
85 62.7 51.8 77.6
127 8.5 7.4 11.2

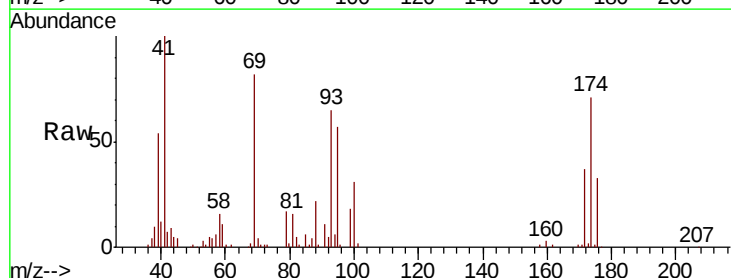


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

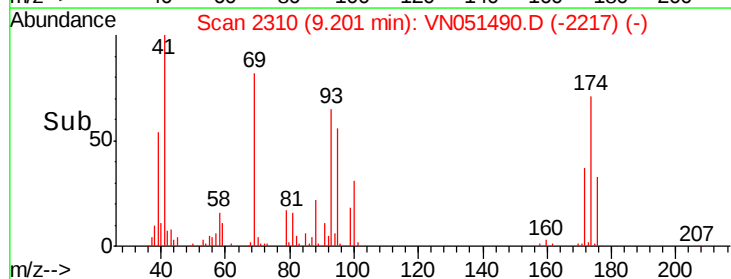
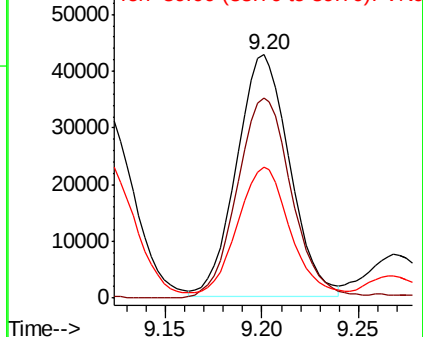


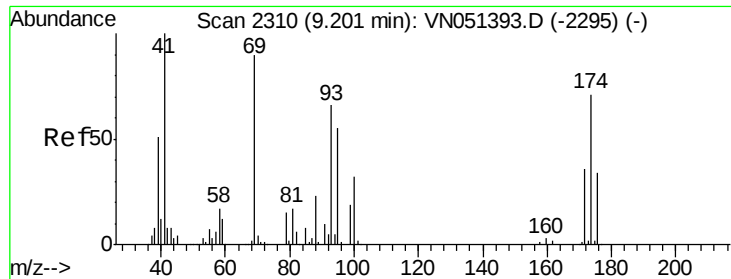
#48
Methyl methacrylate
Concen: 18.761 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 41 Resp: 81367
Ion Ratio Lower Upper
41 100
69 85.0 70.4 105.6
39 54.2 43.8 65.8



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

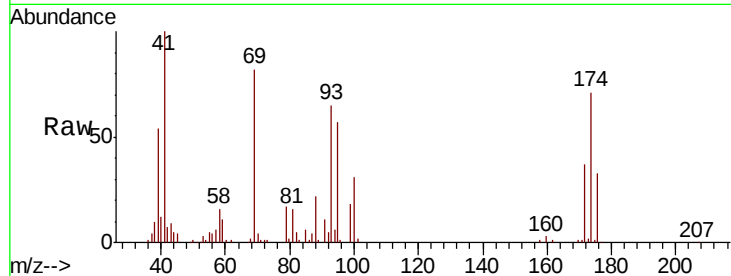




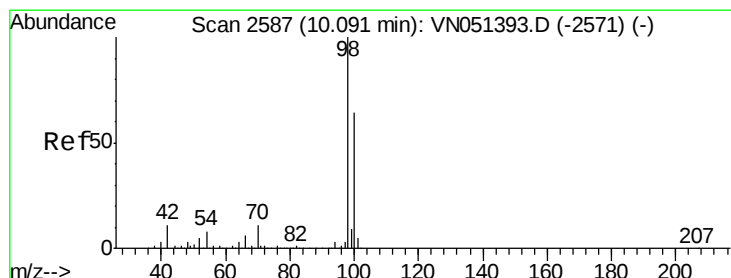
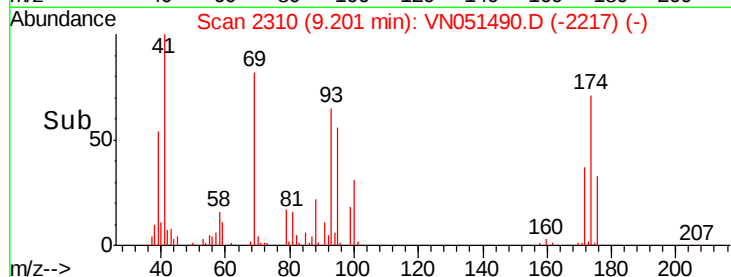
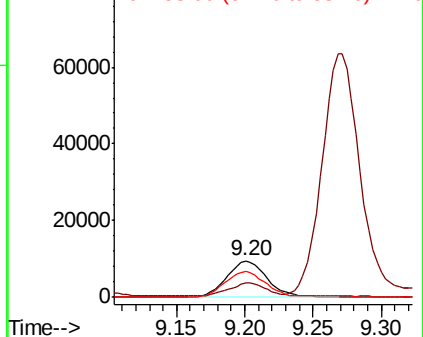
#49
1,4-Dioxane
Concen: 371.152 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

Tot Ion: 88 Resp: 19728
Ion Ratio Lower Upper
88 100
43 34.5 25.9 38.9
58 70.9 57.0 85.4

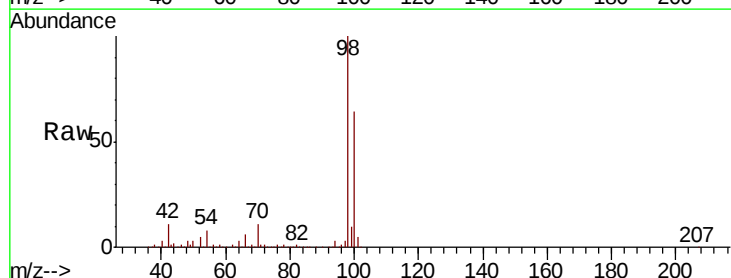


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

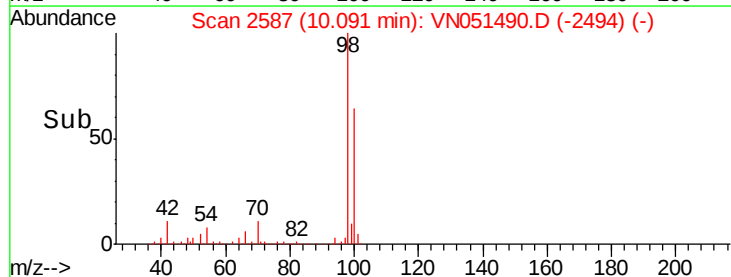
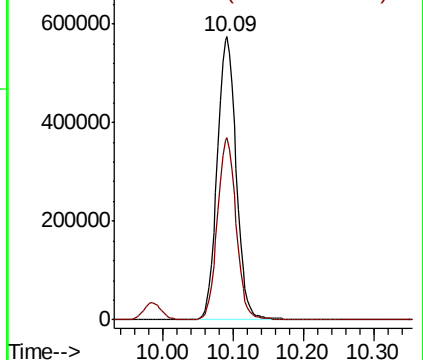


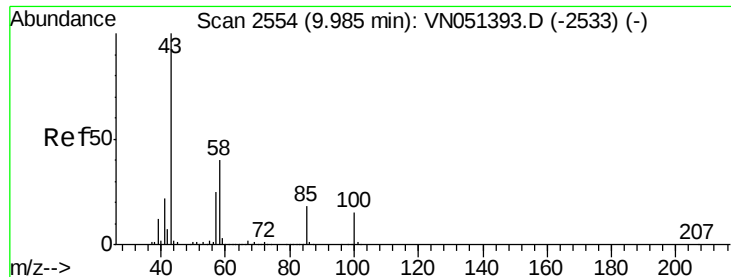
#50
Toluene-d8
Concen: 49.514 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 98 Resp: 1077270
Ion Ratio Lower Upper
98 100
100 63.0 50.6 75.8



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





#51

4-Methyl-2-Pentanone

Concen: 95.436 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampled :

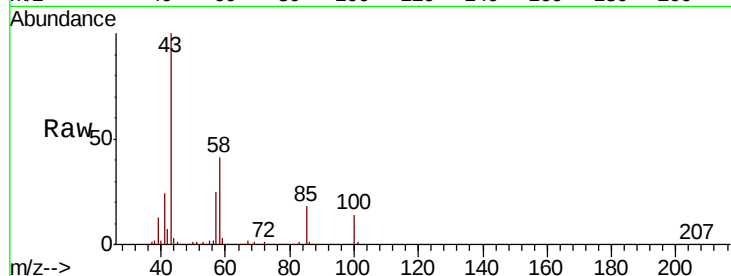
VN0926WBS01

Tot Ion: 43 Resp: 456586

Ion Ratio Lower Upper

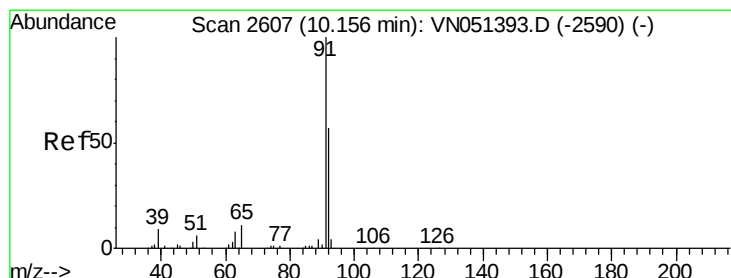
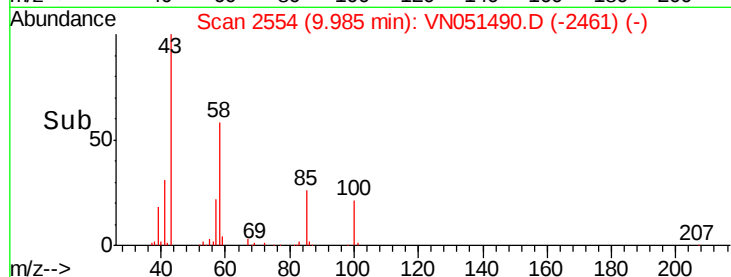
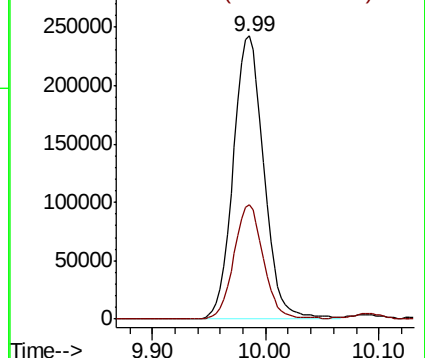
43 100

58 39.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.640 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051490.D

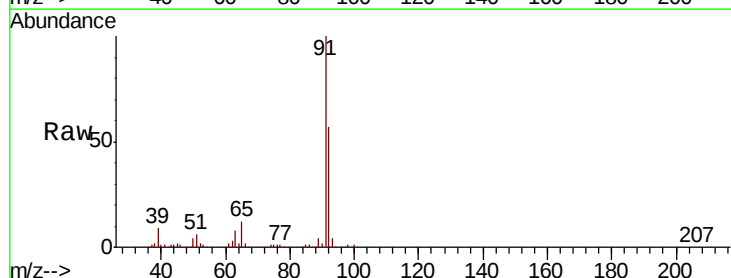
Acq: 25 Sep 2018 18:19

Tgt Ion: 92 Resp: 284589

Ion Ratio Lower Upper

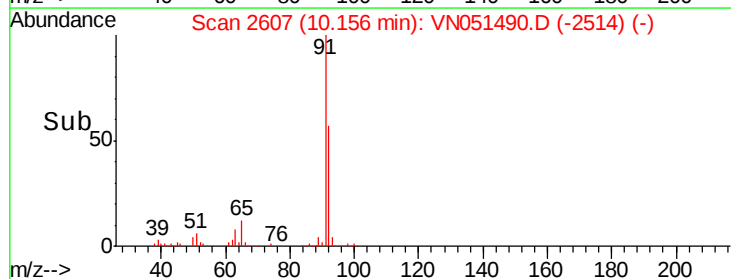
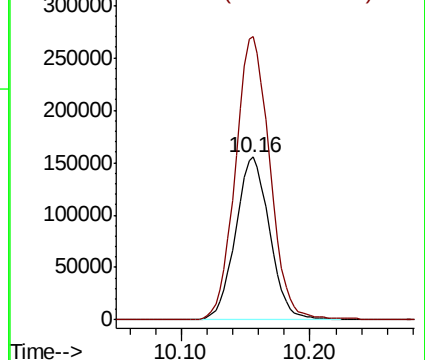
92 100

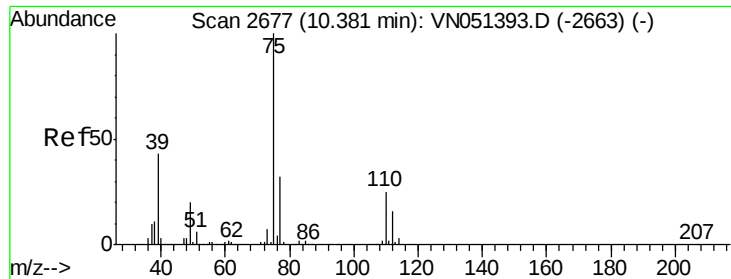
91 176.9 142.2 213.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.917 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampled :

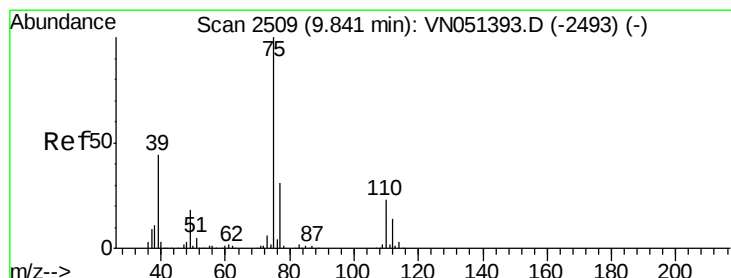
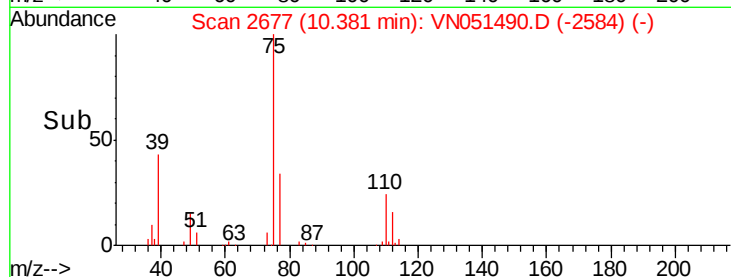
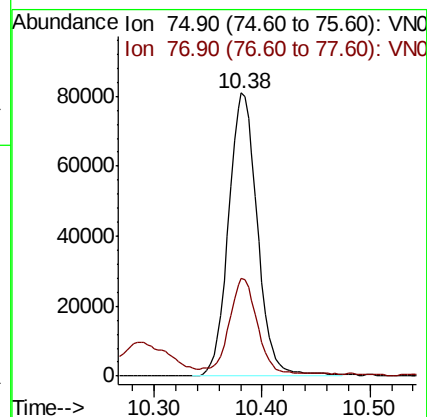
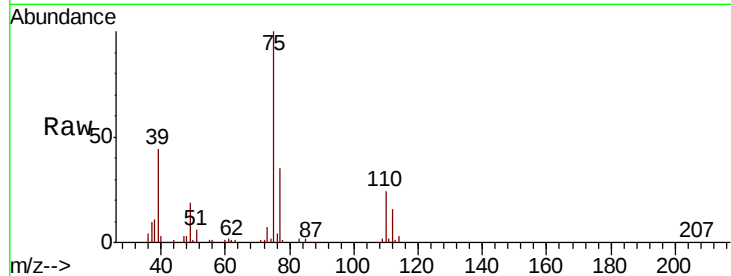
VN0926WBS01

Tot Ion: 75 Resp: 151042

Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 18.537 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

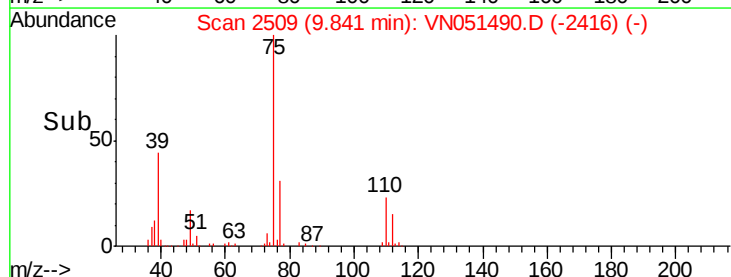
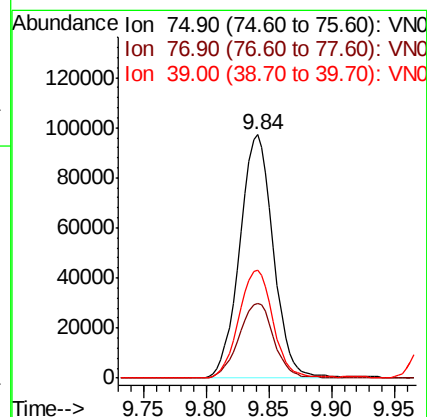
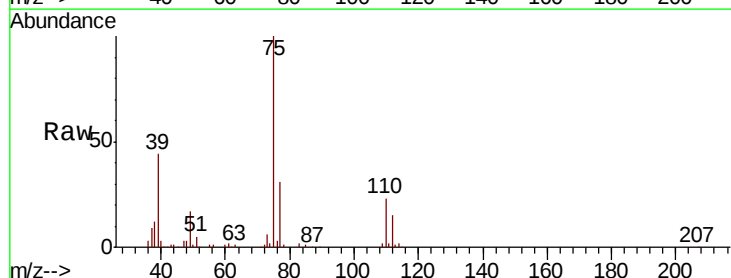
Tgt Ion: 75 Resp: 181223

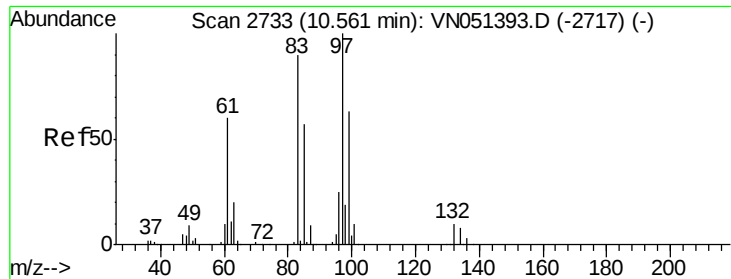
Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 44.2 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 19.781 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tot Ion: 97 Resp: 106734

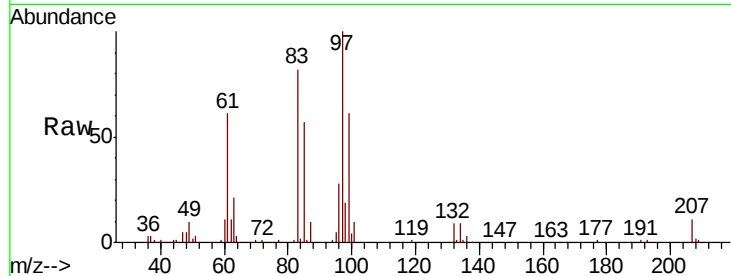
Ion Ratio Lower Upper

97 100

83 81.5 72.0 108.0

85 57.0 45.2 67.8

99 61.1 50.7 76.1

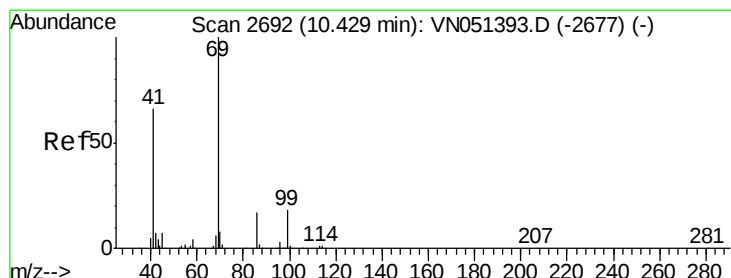
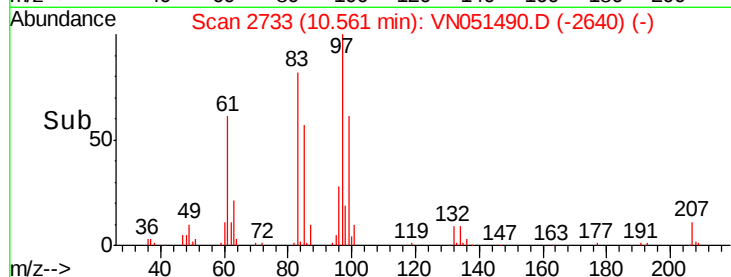
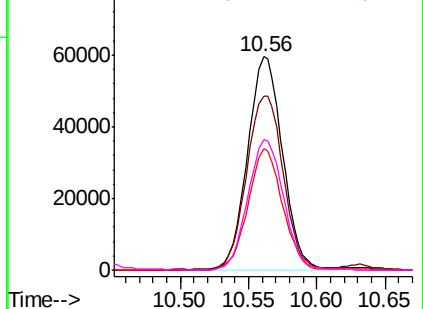


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.188 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

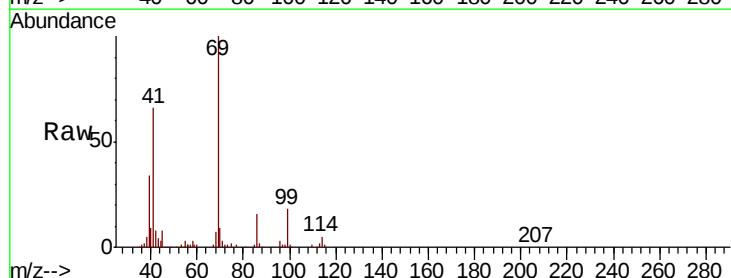
Tgt Ion: 69 Resp: 119989

Ion Ratio Lower Upper

69 100

41 65.6 52.4 78.6

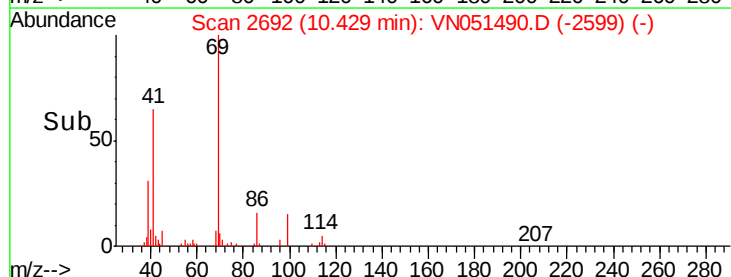
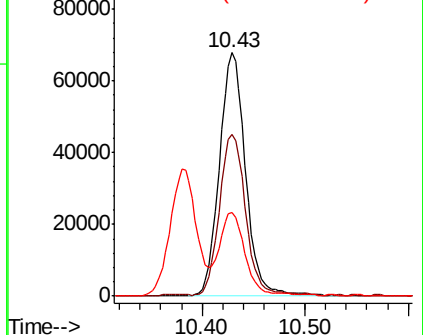
39 34.3 26.3 39.5

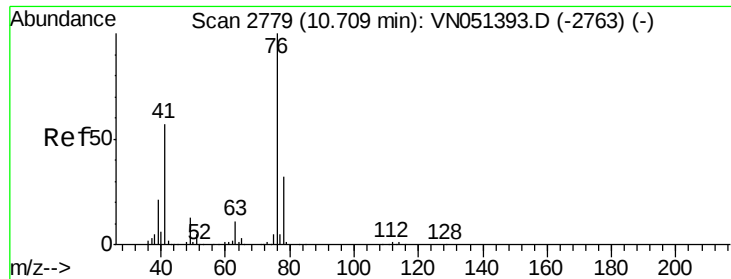


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

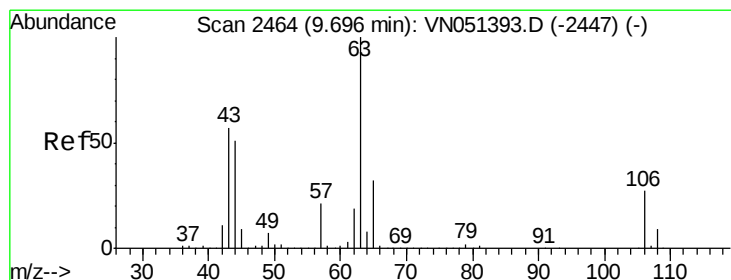
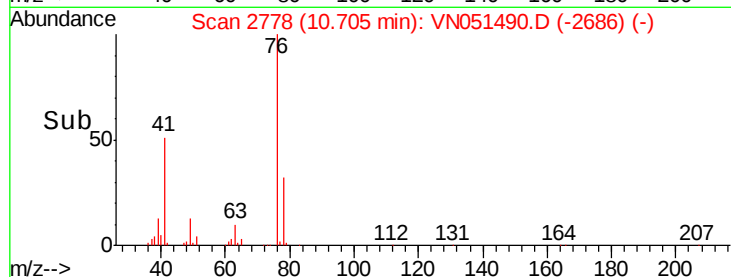
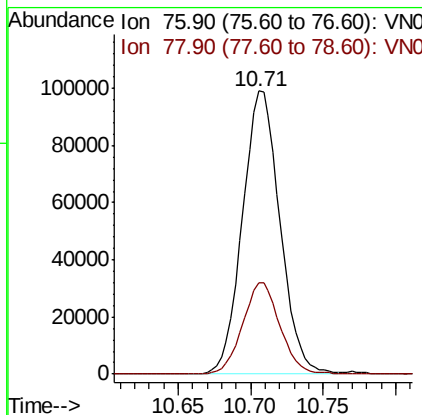
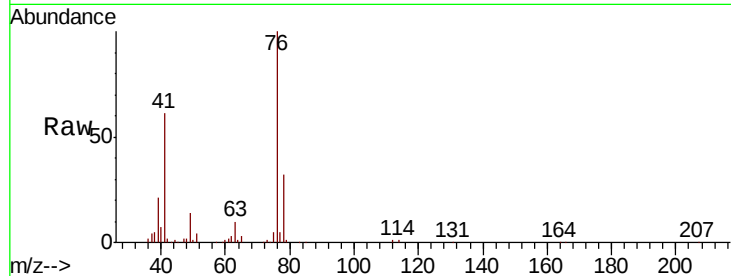




#57
 1,3-Dichloropropane
 Concen: 19.322 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

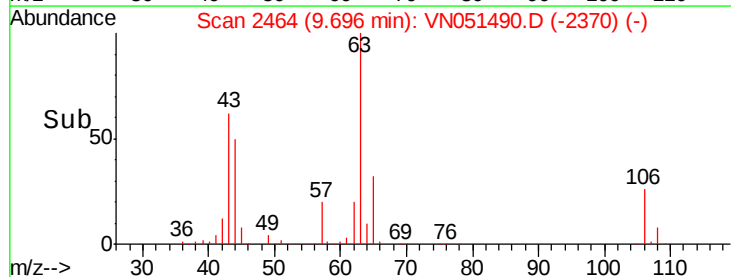
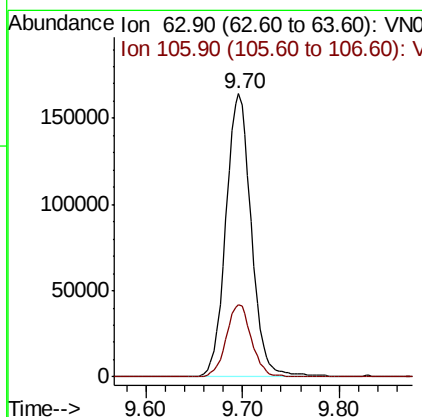
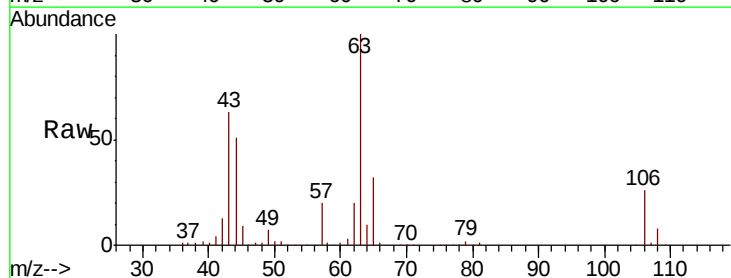
Instrument :
 MSVOA_N
 ClientSampled :
 VN0926WBS01

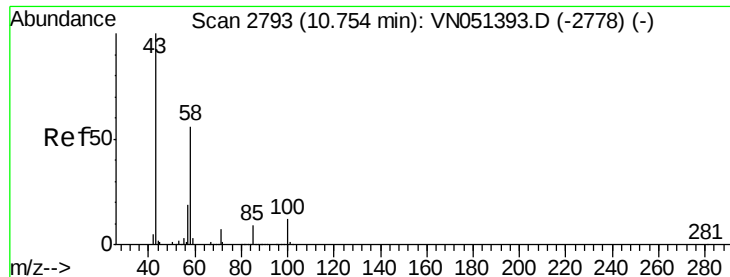
Tot Ion: 76 Resp: 178703
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.646 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion: 63 Resp: 300370
 Ion Ratio Lower Upper
 63 100
 106 25.3 21.4 32.2

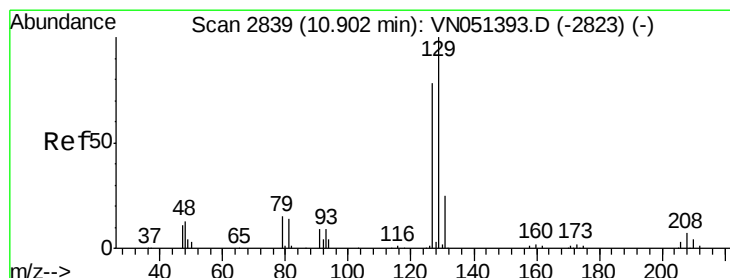
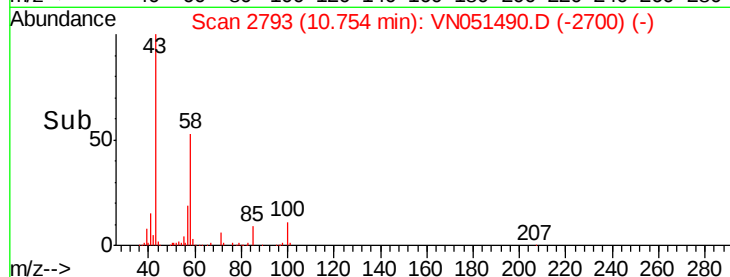
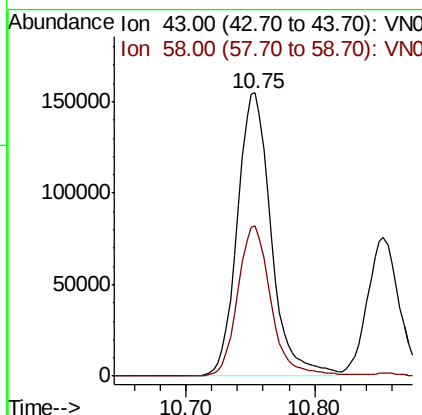
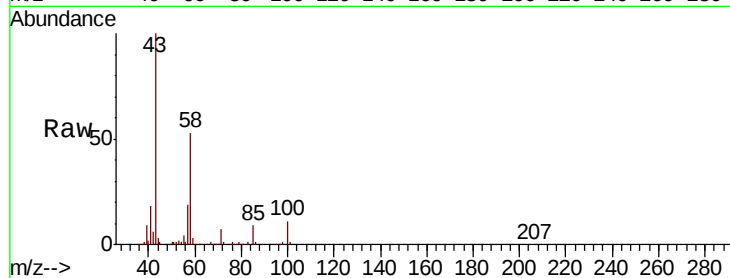




#59
2-Hexanone
Concen: 90.888 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

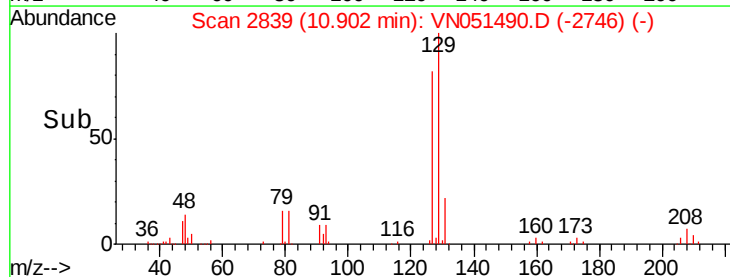
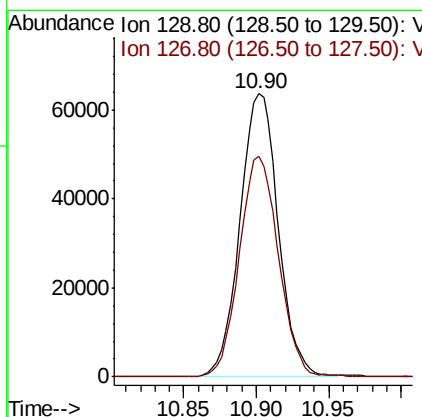
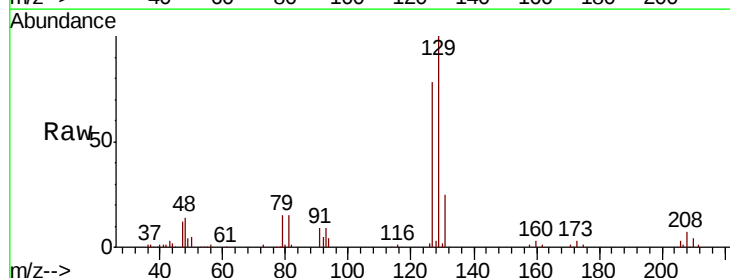
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

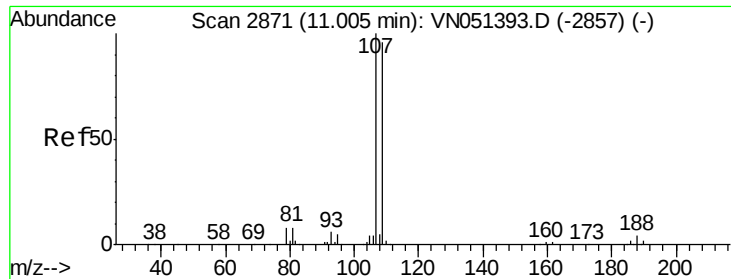
Tot Ion: 43 Resp: 281883
Ion Ratio Lower Upper
43 100
58 52.3 27.7 83.0



#60
Dibromochloromethane
Concen: 18.390 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 129 Resp: 117080
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0

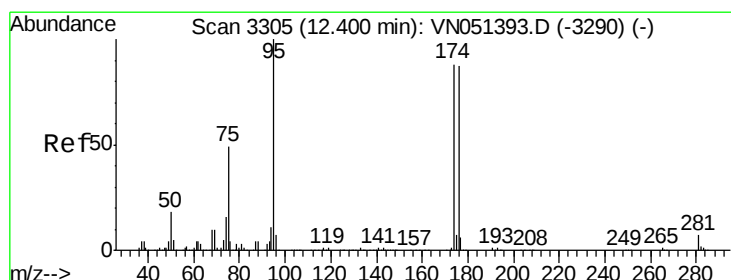
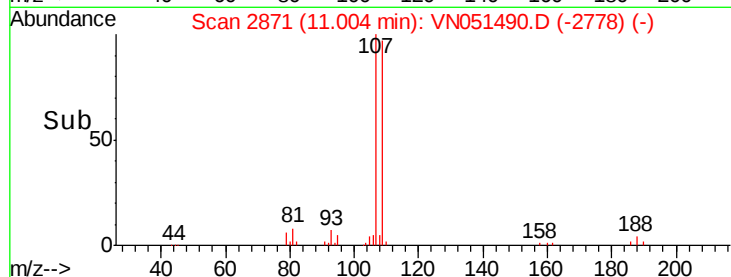
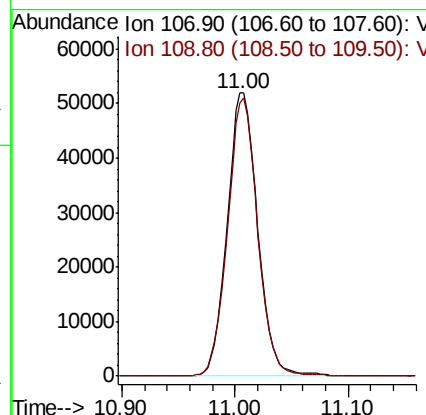
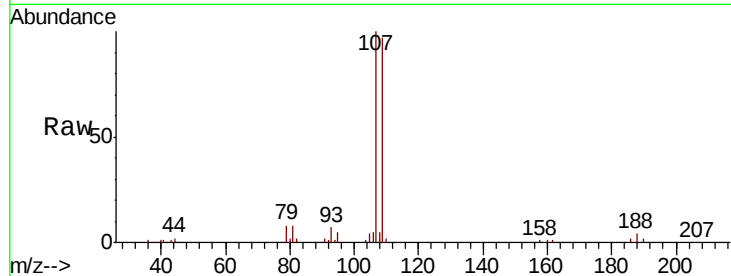




#61
 1,2-Dibromoethane
 Concen: 18.527 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

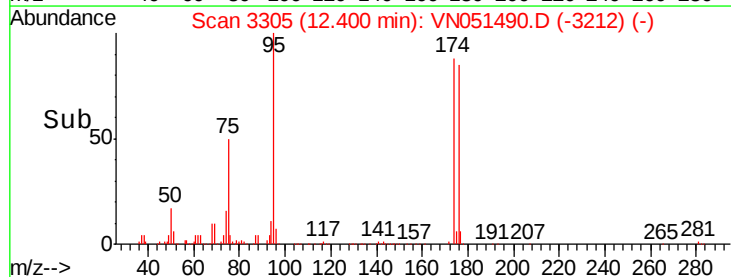
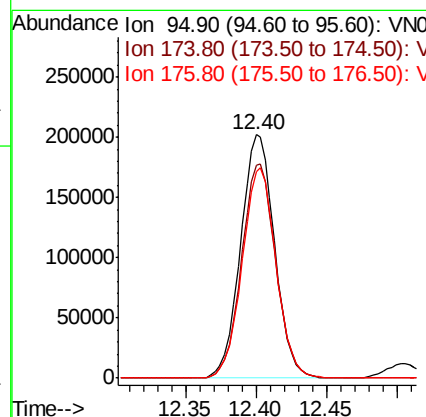
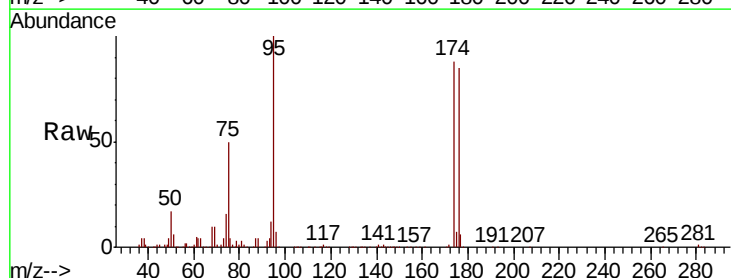
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

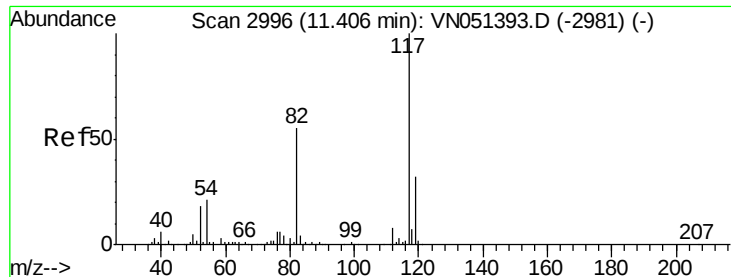
Tot Ion:107 Resp: 97045
 Ion Ratio Lower Upper
 107 100
 109 96.3 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.382 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion: 95 Resp: 340526
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 181.6
 176 86.4 0.0 176.4

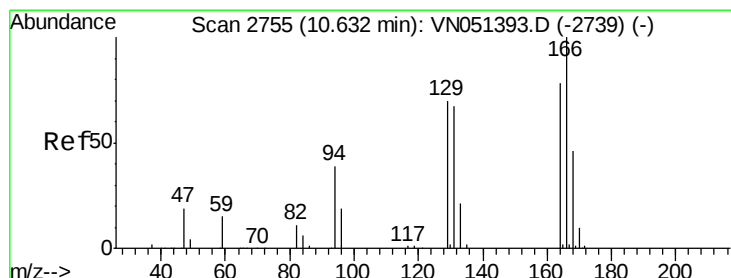
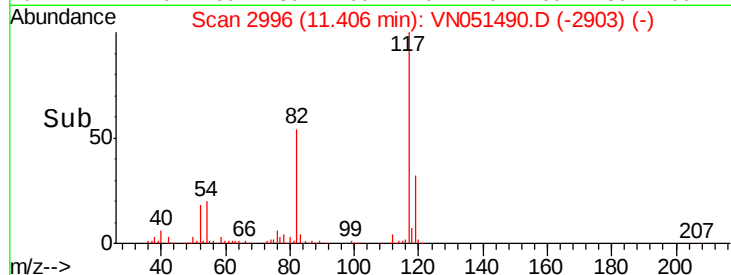
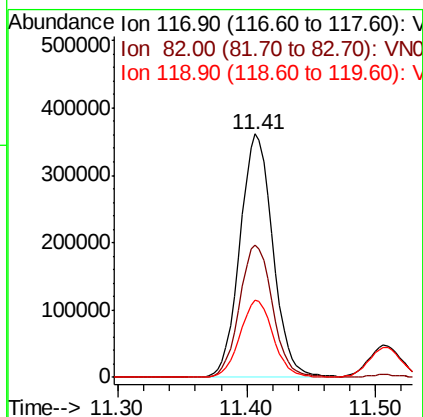
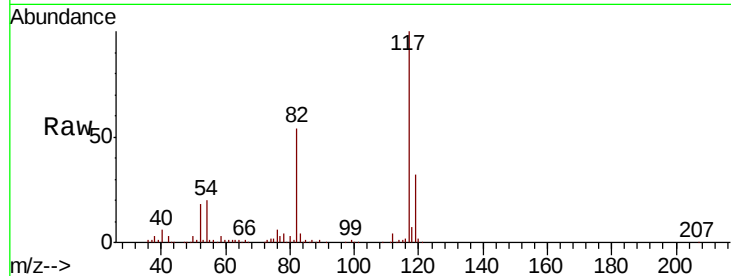




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

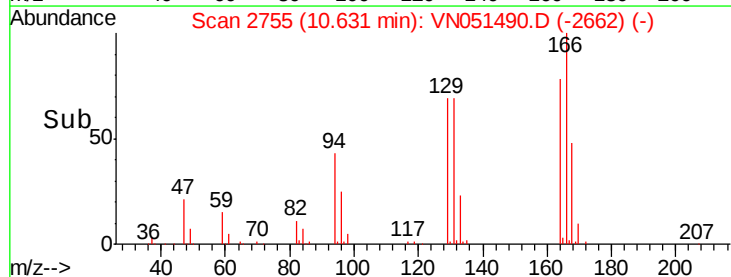
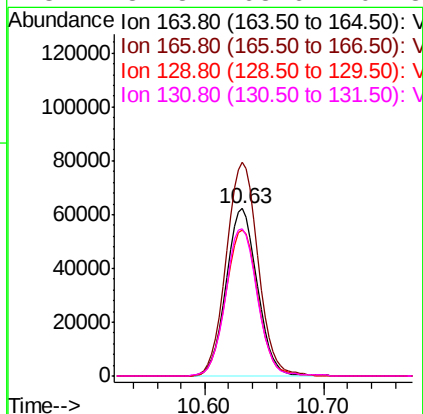
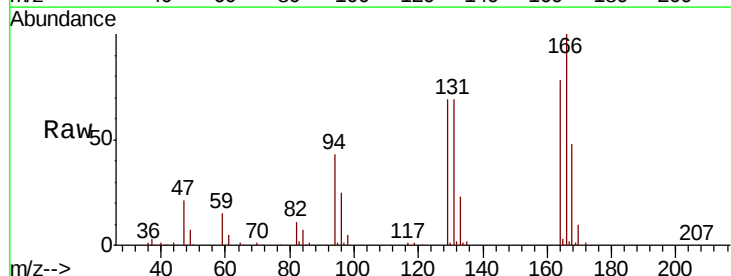
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

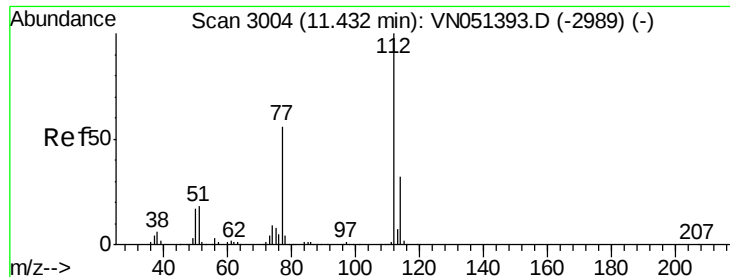
Tot Ion:117 Resp: 641782
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 19.456 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion:164 Resp: 113324
Ion Ratio Lower Upper
164 100
166 127.4 102.3 153.5
129 87.4 71.8 107.8
131 87.8 68.6 102.8





#65

Chlorobenzene

Concen: 18.693 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

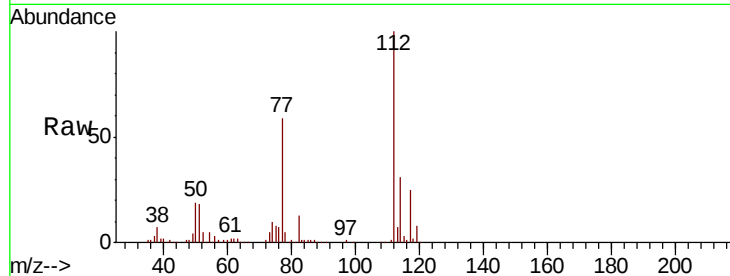
VN0926WBS01

Tot Ion:112 Resp: 307800

Ion Ratio Lower Upper

112 100

114 31.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

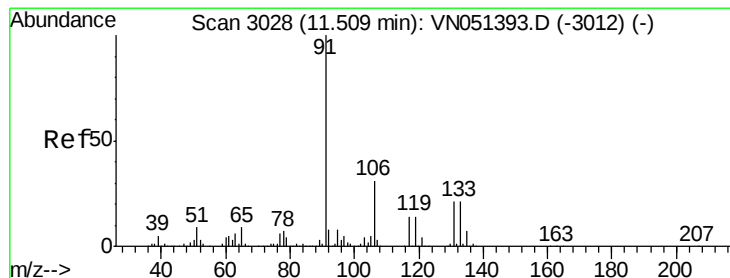
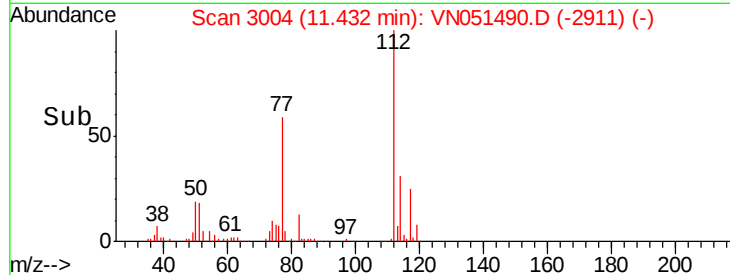
100000

50000

0

11.40 11.43 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.250 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

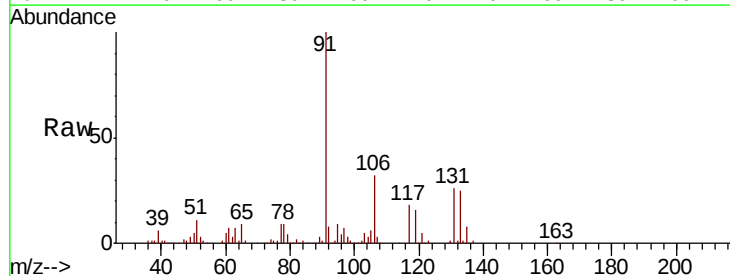
Tgt Ion:131 Resp: 120761

Ion Ratio Lower Upper

131 100

133 96.3 48.3 144.8

119 64.8 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

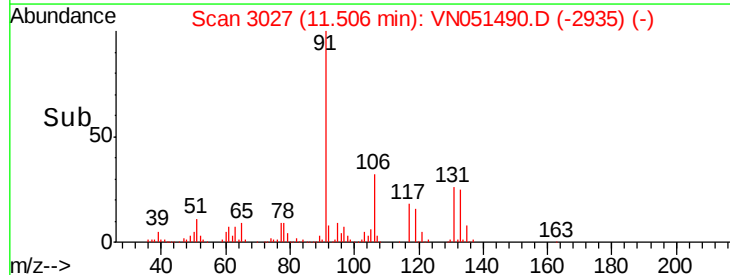
100000

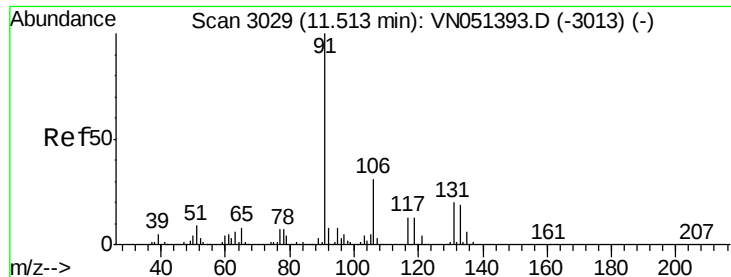
50000

0

11.45 11.50 11.55

Time-->

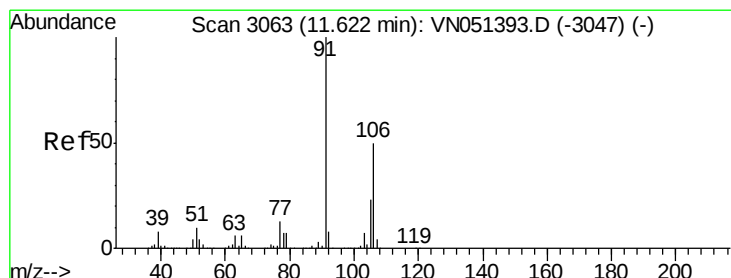
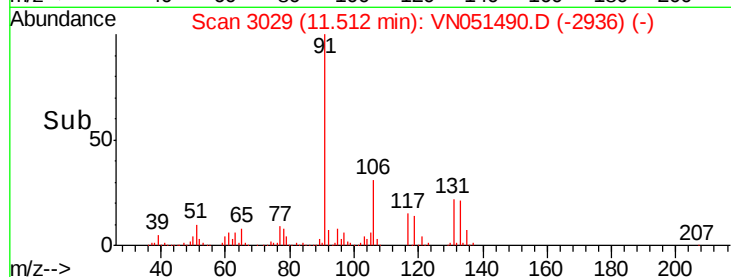
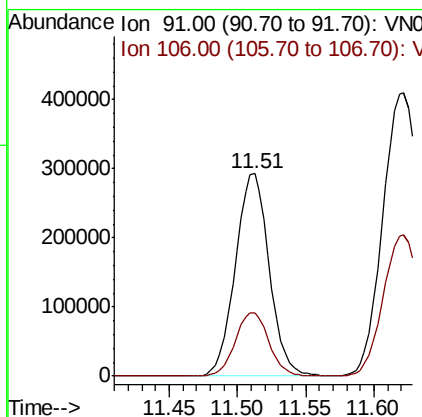
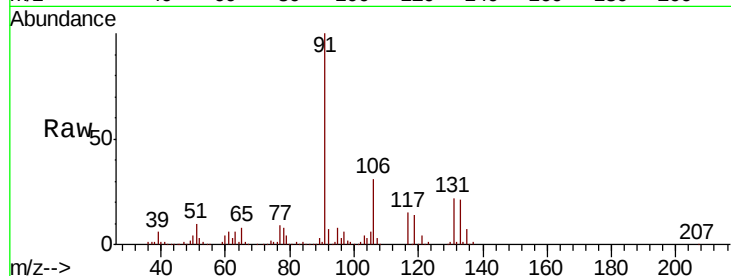




#67
Ethyl Benzene
Concen: 18.187 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

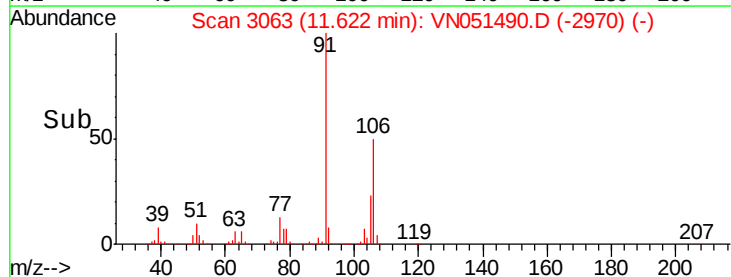
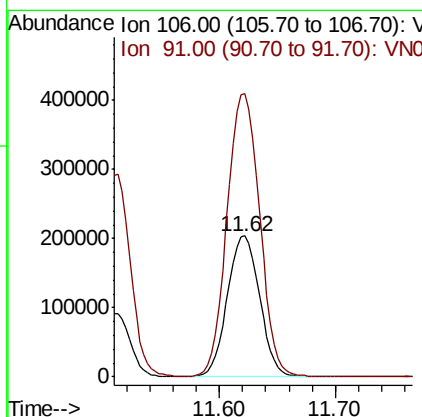
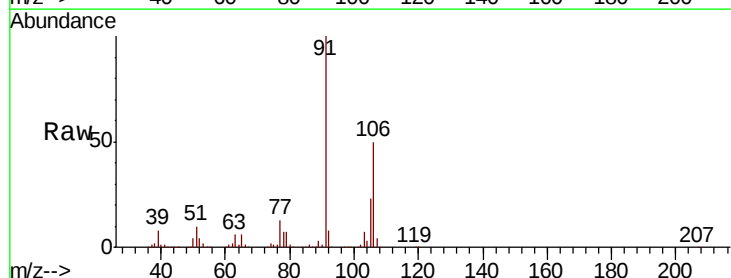
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

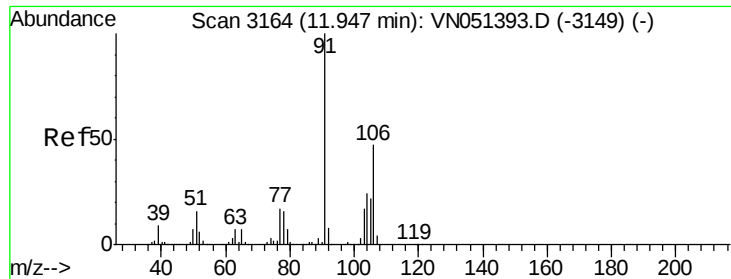
Tot Ion: 91 Resp: 504686
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 36.819 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 106 Resp: 395202
Ion Ratio Lower Upper
106 100
91 203.2 161.3 241.9

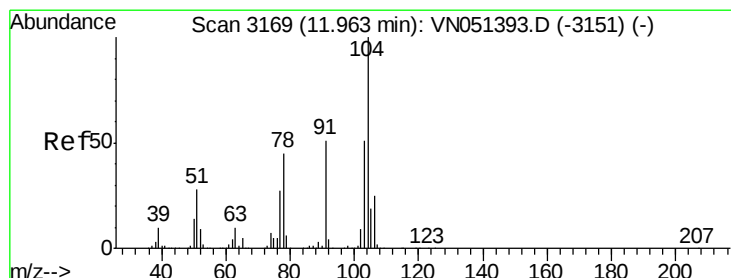
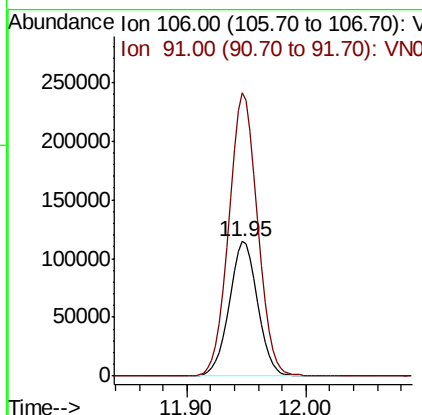
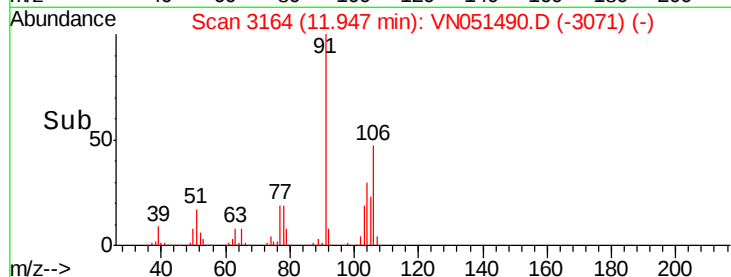
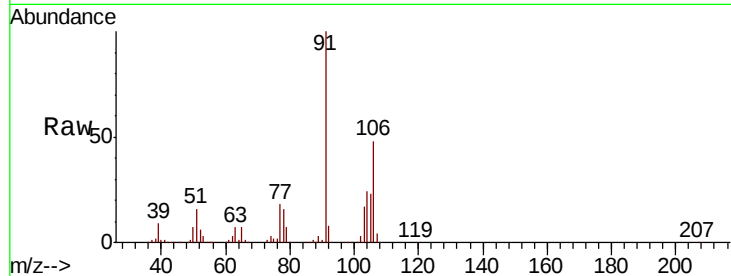




#69
o-Xylene
Concen: 18.359 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

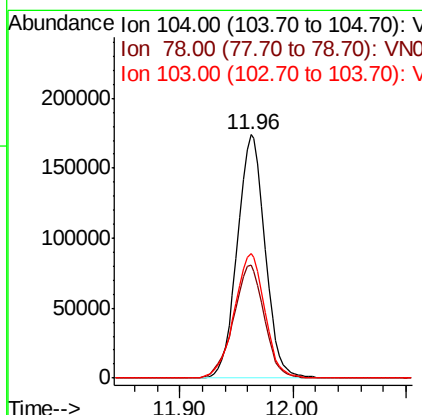
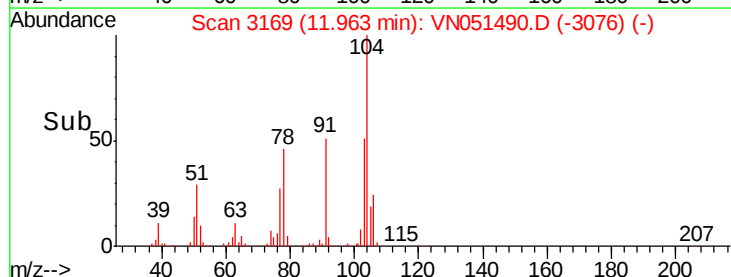
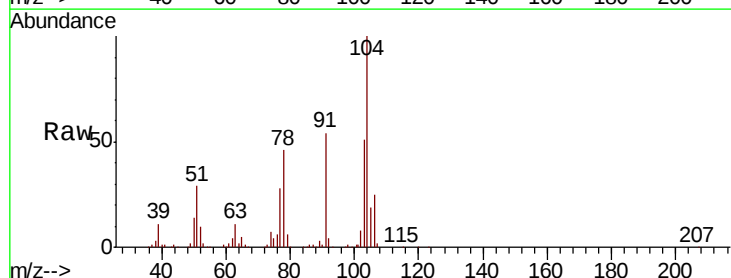
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

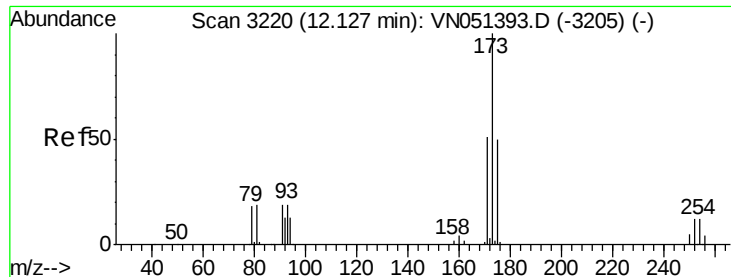
Tot Ion:106 Resp: 189439
Ion Ratio Lower Upper
106 100
91 212.5 105.3 315.9



#70
Styrene
Concen: 18.240 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion:104 Resp: 298253
Ion Ratio Lower Upper
104 100
78 51.1 39.9 59.9
103 56.0 44.6 66.8

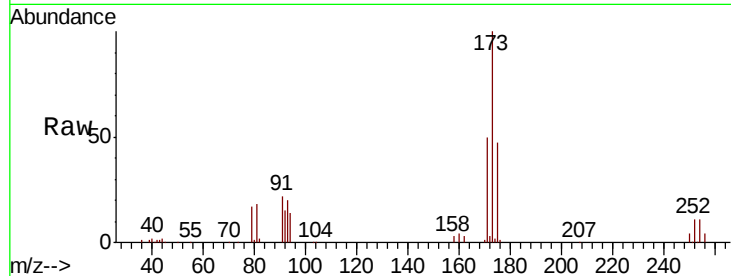




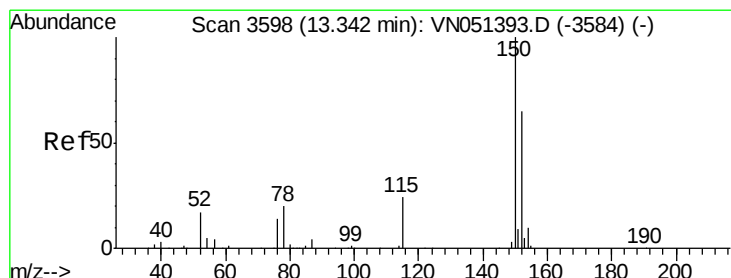
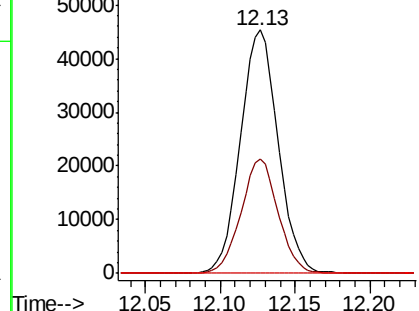
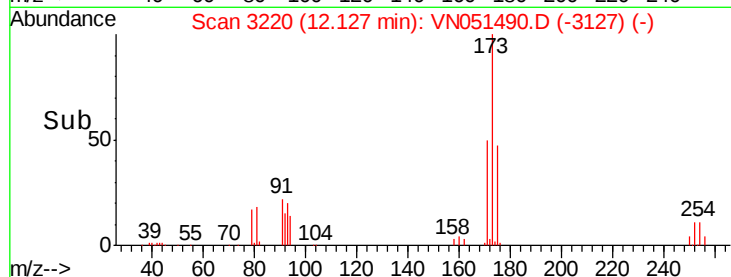
#71
Bromoform
Concen: 18.657 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tot Ion:173 Resp: 79421
Ion Ratio Lower Upper
173 100
175 46.3 24.8 74.3
254 0.0 0.2 0.2#

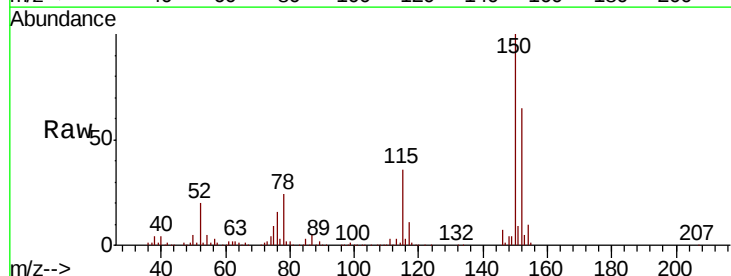


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

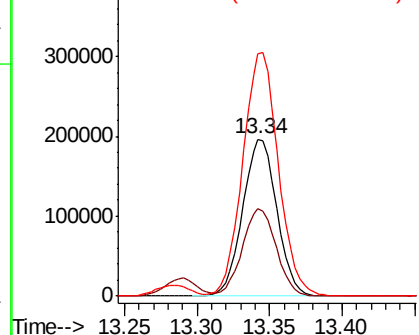
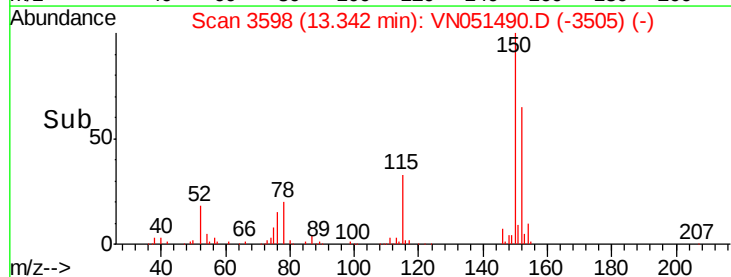


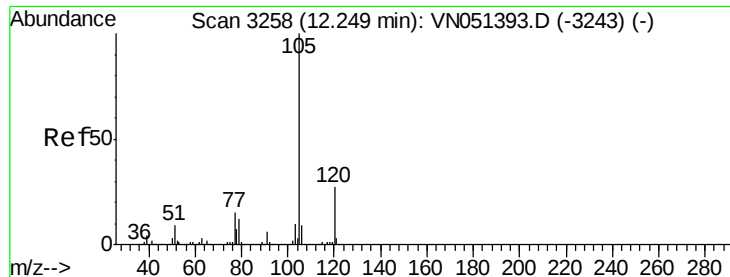
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion:152 Resp: 321009
Ion Ratio Lower Upper
152 100
115 55.8 28.3 84.9
150 161.6 0.0 353.6



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





#73

Isopropylbenzene

Concen: 18.868 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

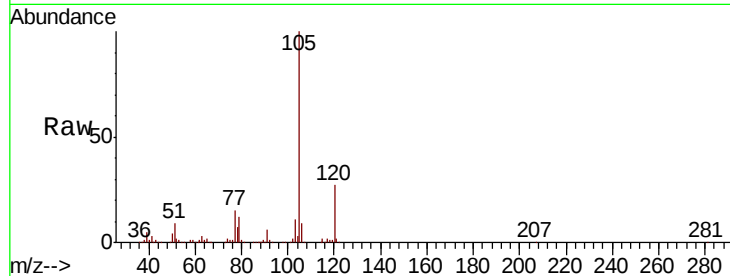
VN0926WBS01

Tot Ion:105 Resp: 511030

Ion Ratio Lower Upper

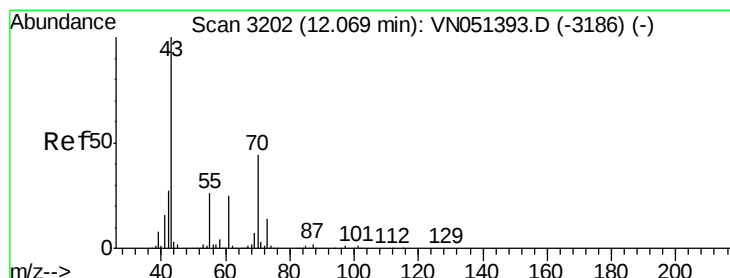
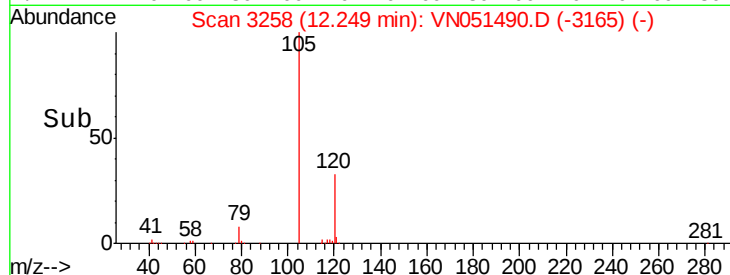
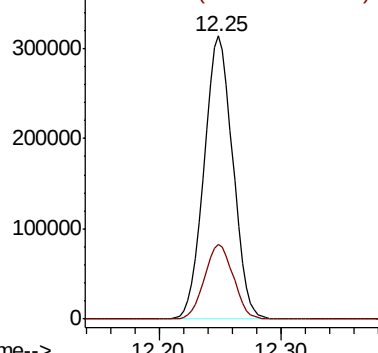
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.034 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion: 43 Resp: 122555

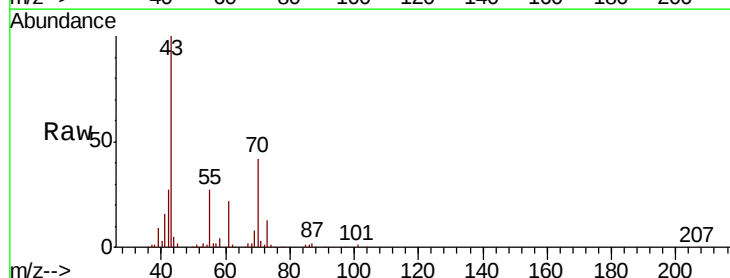
Ion Ratio Lower Upper

43 100

70 42.2 35.0 52.4

55 27.6 21.4 32.2

61 23.6 19.8 29.6

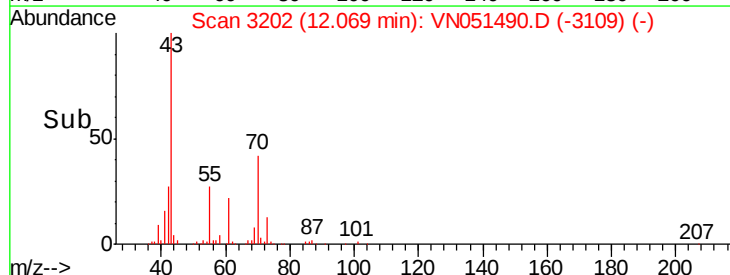
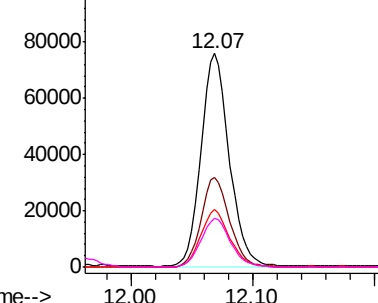


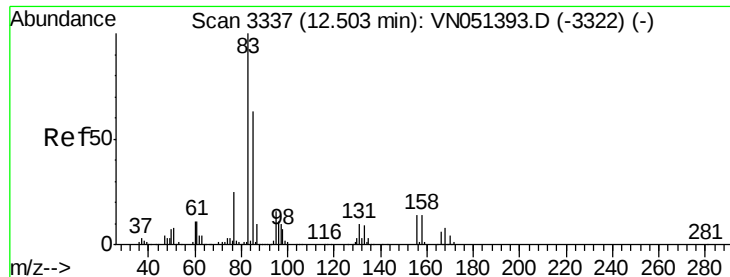
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.814 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

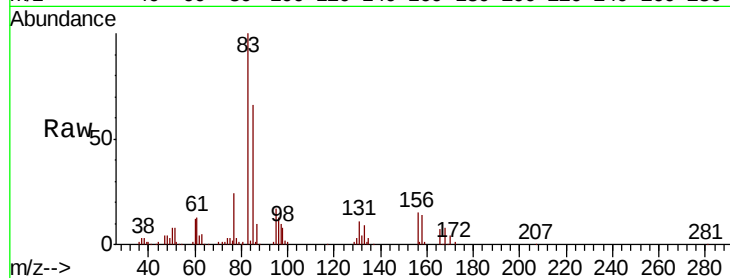
Tot Ion: 83 Resp: 125143

Ion Ratio Lower Upper

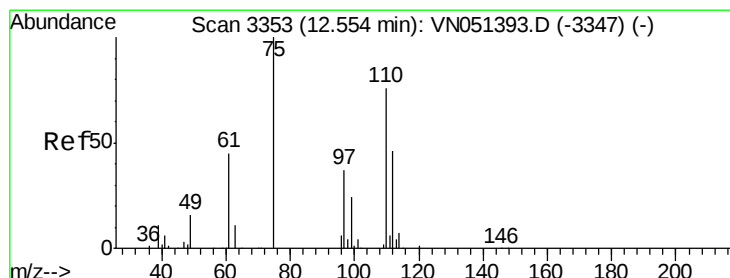
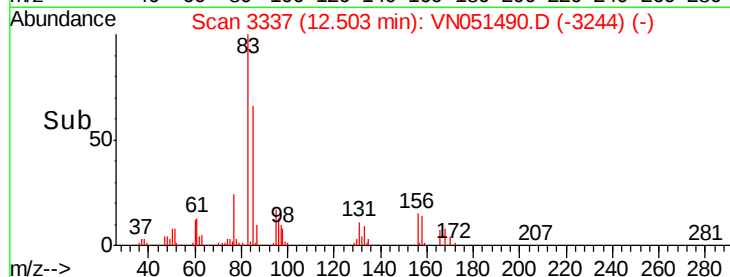
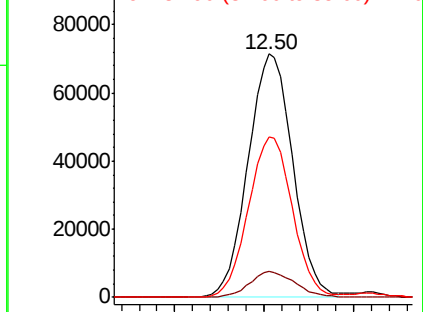
83 100

131 10.8 5.3 15.9

85 64.9 31.6 95.0



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



#76

1,2,3-Trichloropropane

Concen: 28.115 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051490.D

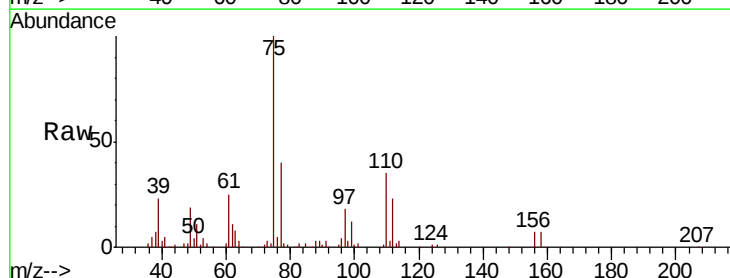
Acq: 25 Sep 2018 18:19

Tgt Ion: 75 Resp: 149824

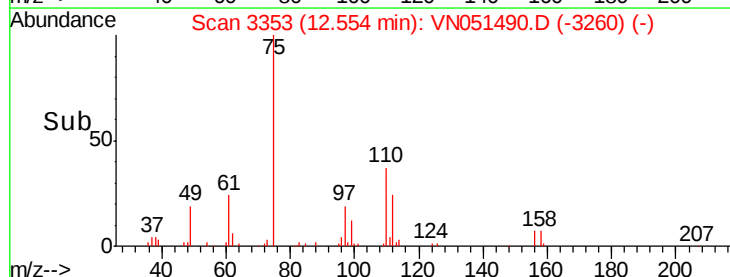
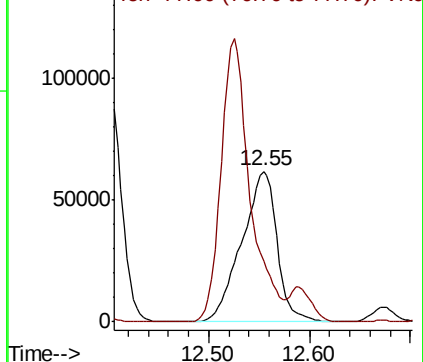
Ion Ratio Lower Upper

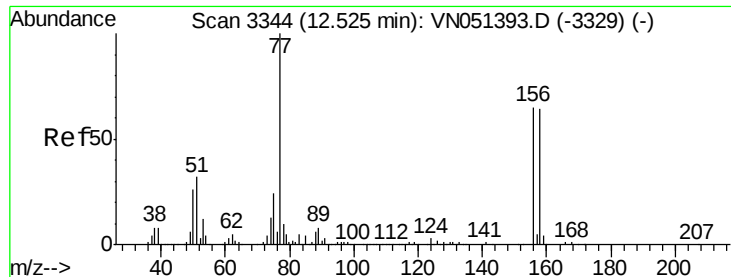
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.887 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

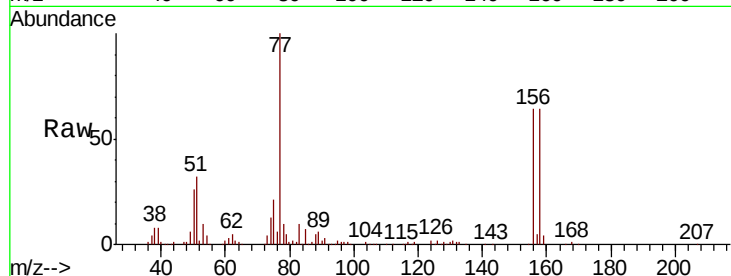
Tot Ion:156 Resp: 129501

Ion Ratio Lower Upper

156 100

77 180.6 89.5 268.4

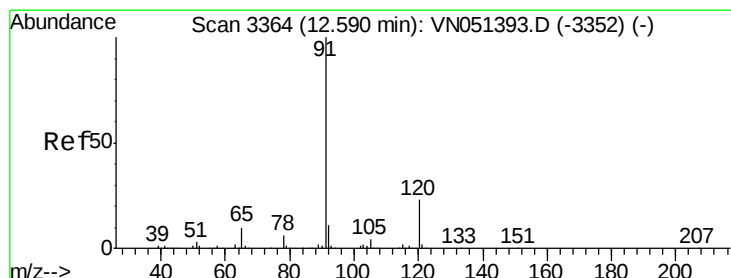
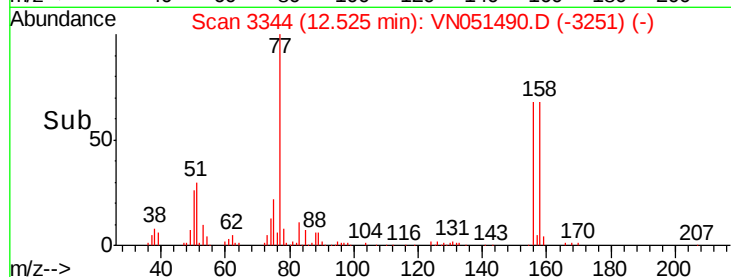
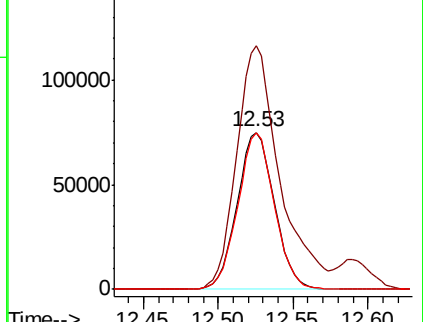
158 97.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.849 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051490.D

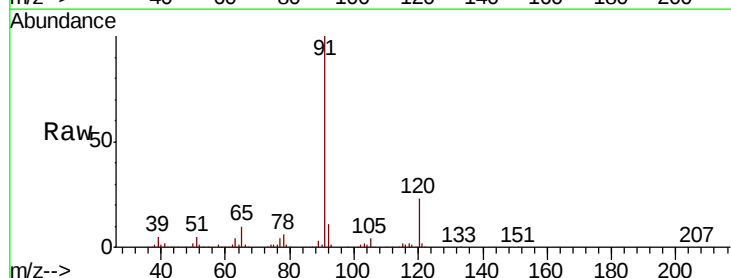
Acq: 25 Sep 2018 18:19

Tgt Ion: 91 Resp: 575360

Ion Ratio Lower Upper

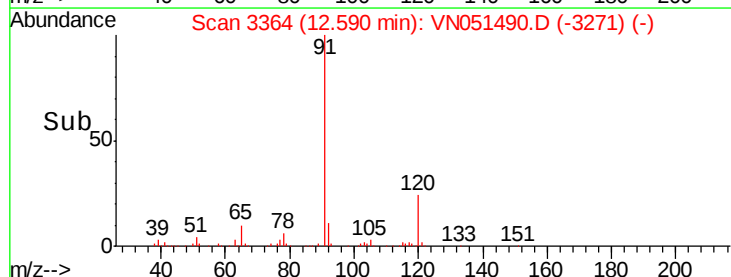
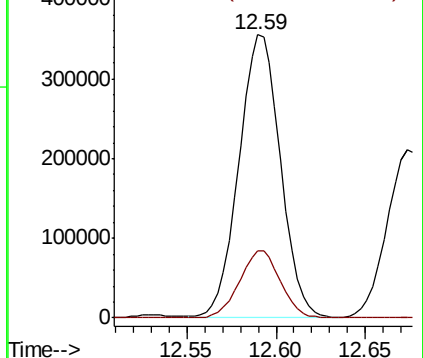
91 100

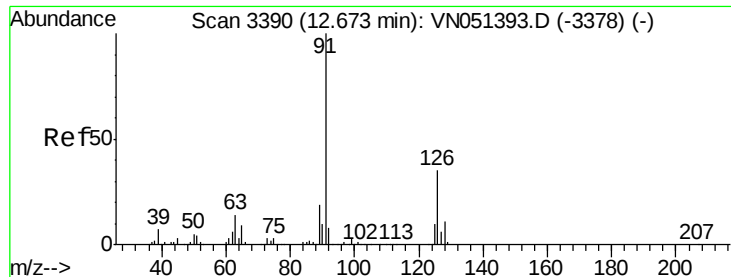
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.231 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

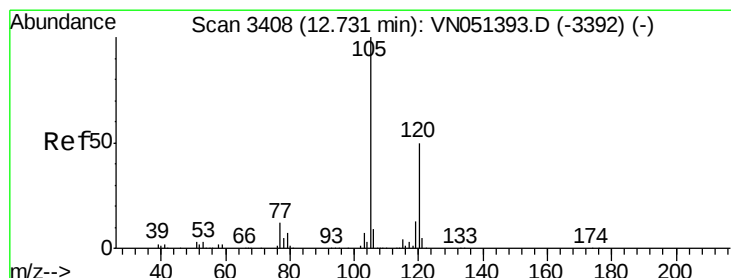
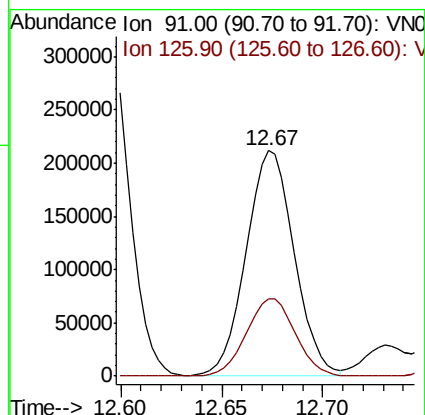
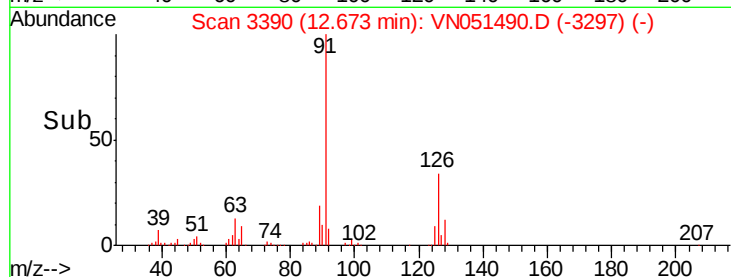
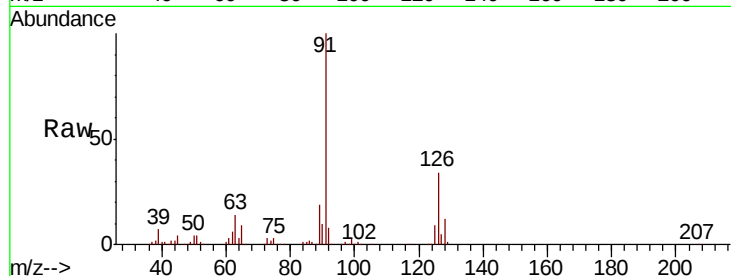
VN0926WBS01

Tot Ion: 91 Resp: 351396

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 19.532 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051490.D

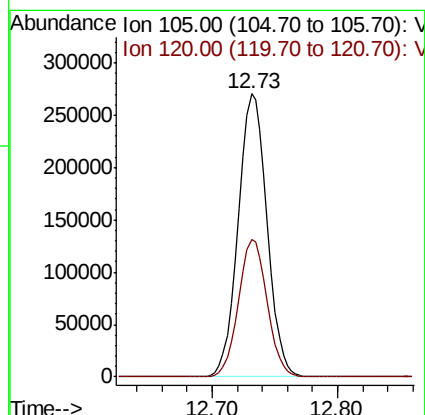
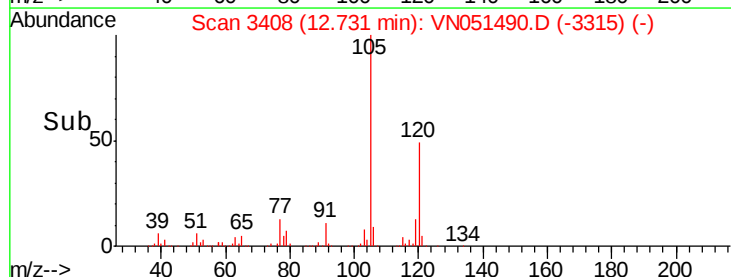
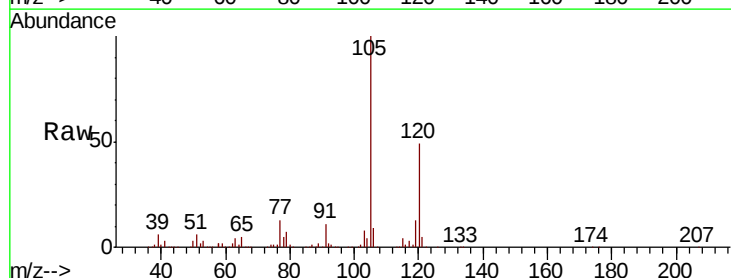
Acq: 25 Sep 2018 18:19

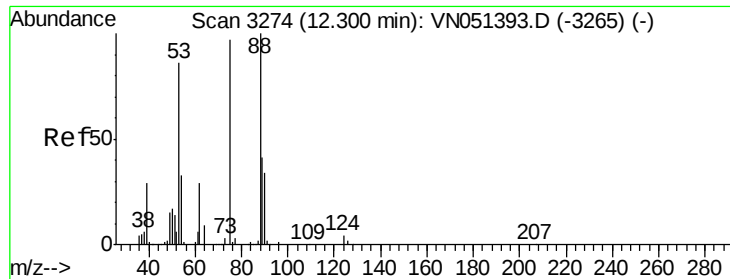
Tgt Ion: 105 Resp: 431372

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.4

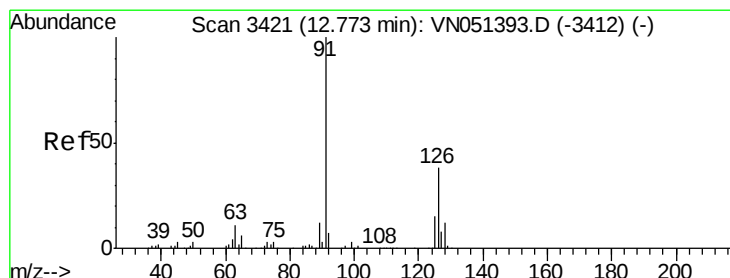
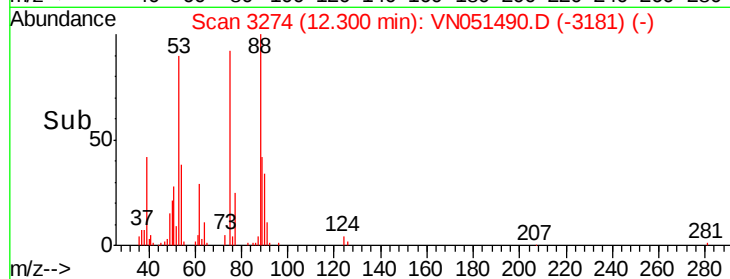
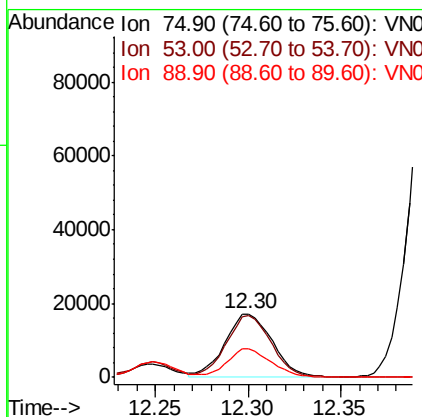
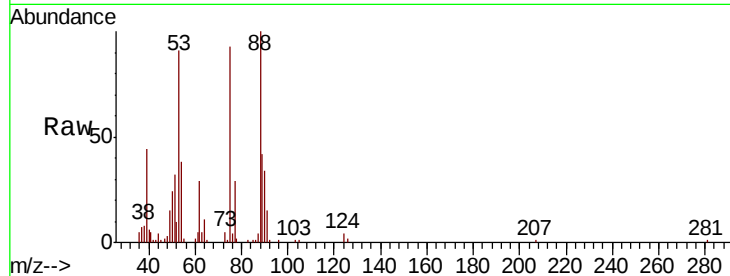




#81
trans-1,4-Dichloro-2-butene
Concen: 17.691 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

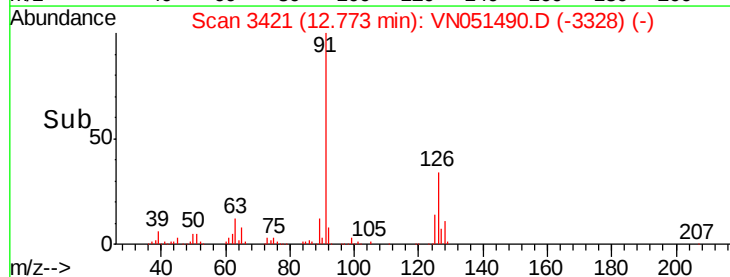
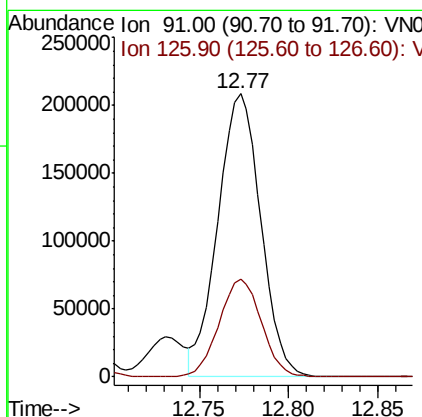
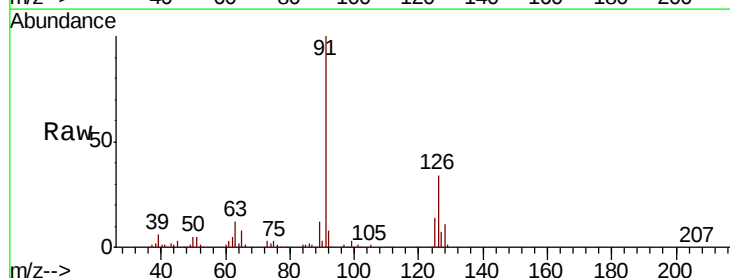
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

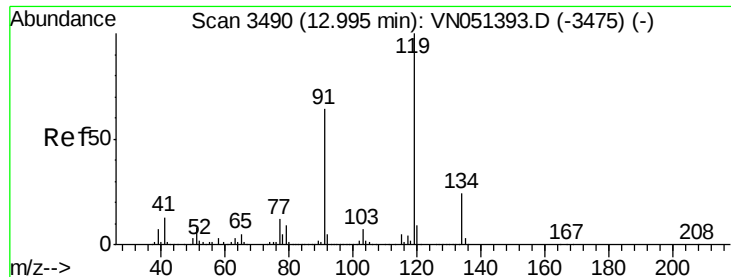
Tot Ion: 75 Resp: 30659
Ion Ratio Lower Upper
75 100
53 91.9 73.9 110.9
89 41.1 36.7 55.1



#82
4-Chlorotoluene
Concen: 19.048 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 91 Resp: 347388
Ion Ratio Lower Upper
91 100
126 34.2 17.5 52.5

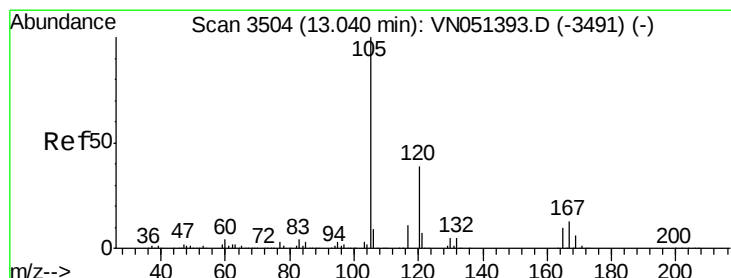
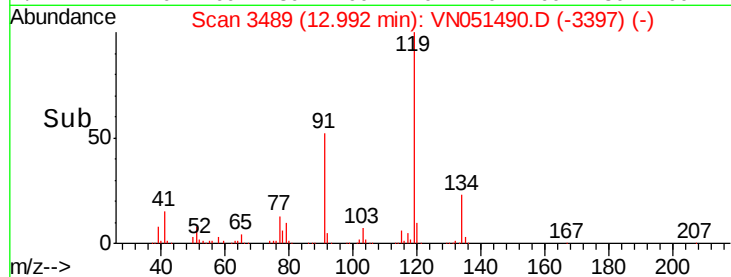
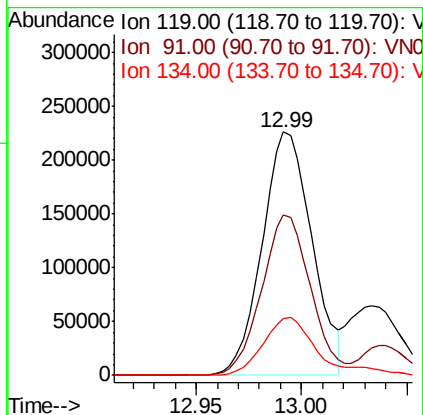
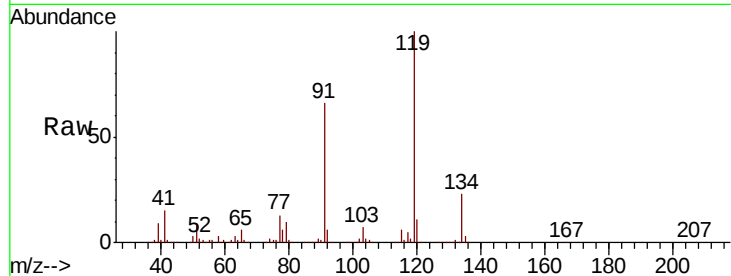




#83
 tert-Butylbenzene
 Concen: 18.960 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

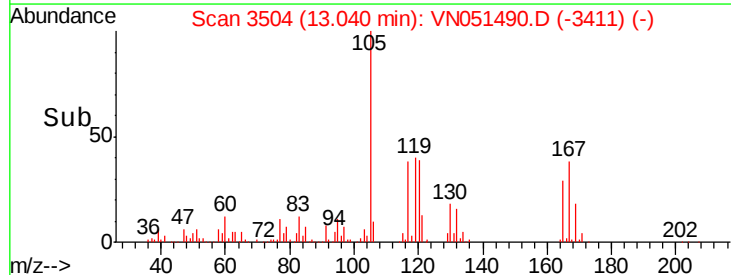
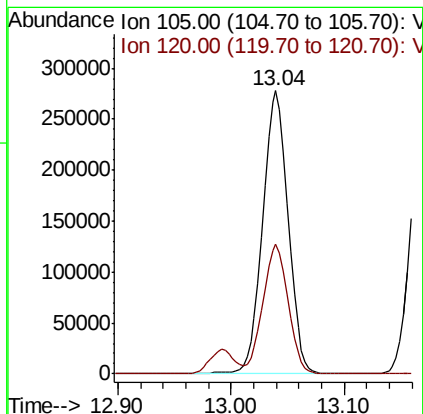
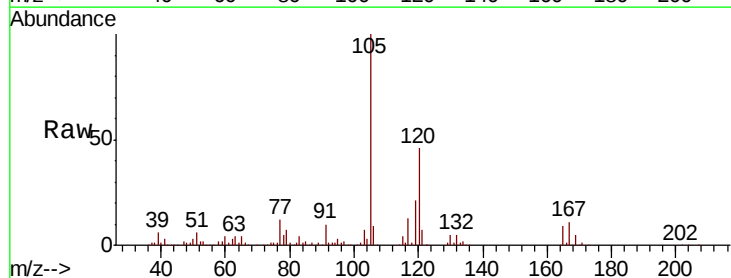
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

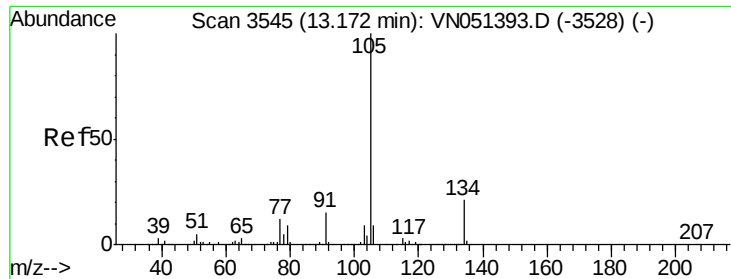
Tot Ion:119 Resp: 372701
 Ion Ratio Lower Upper
 119 100
 91 64.4 31.7 95.1
 134 26.1 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.546 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion:105 Resp: 434980
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.7

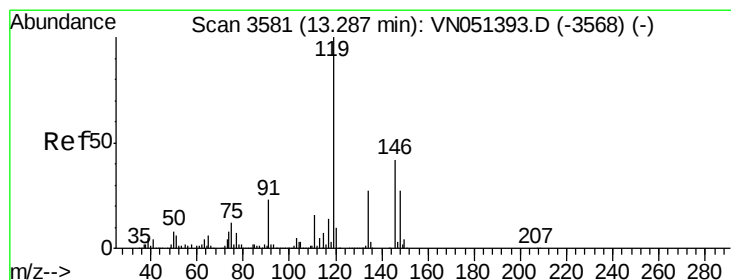
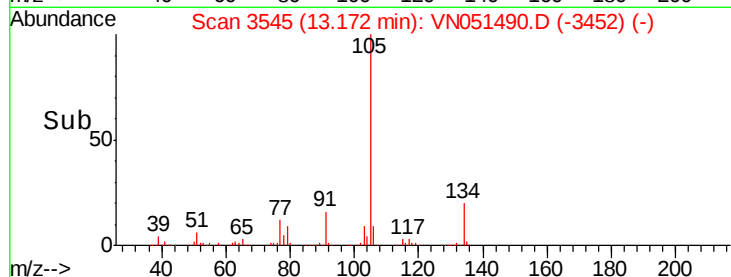
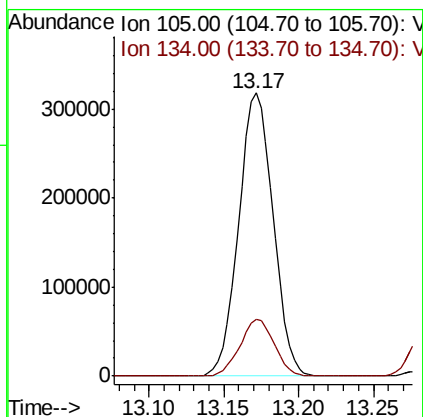
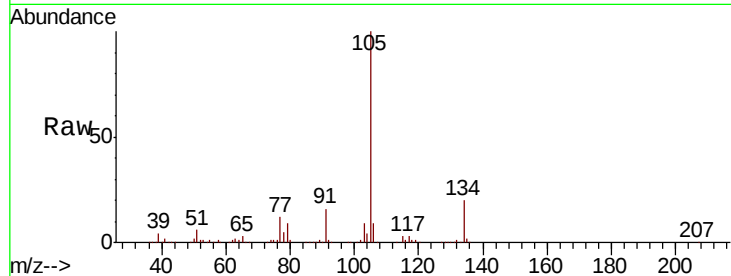




#85
 sec-Butylbenzene
 Concen: 19.153 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

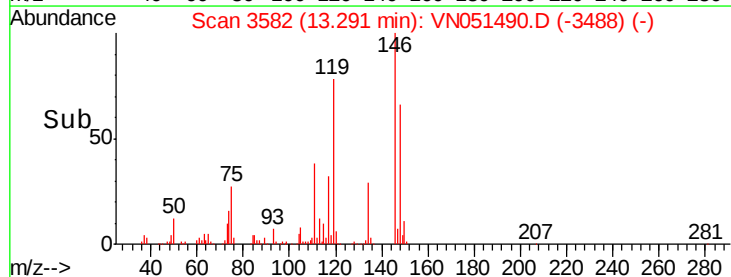
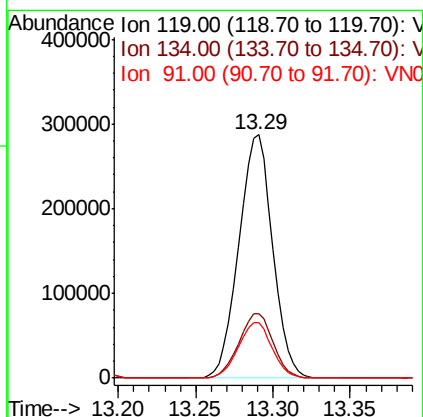
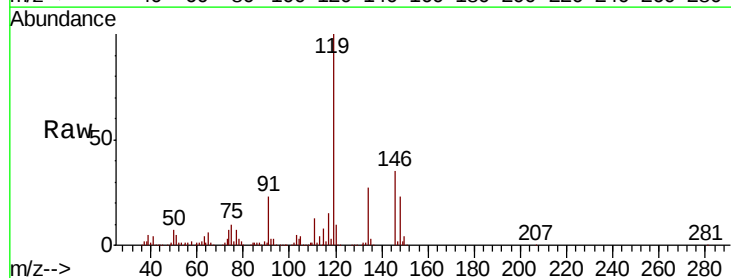
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

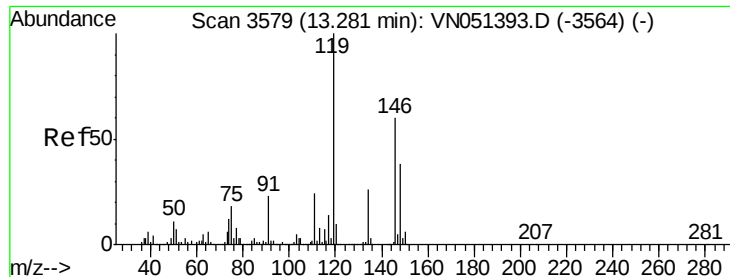
Tot Ion:105 Resp: 509347
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.906 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion:119 Resp: 435038
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 22.8 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 18.347 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

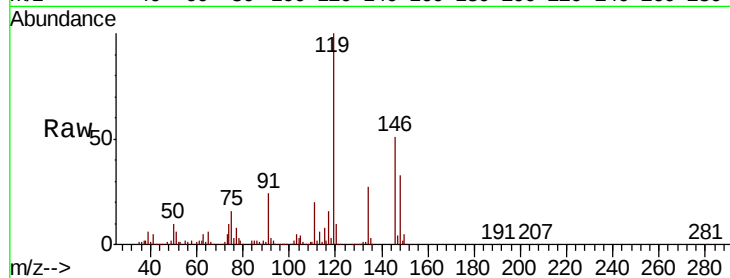
Tot Ion:146 Resp: 217695

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

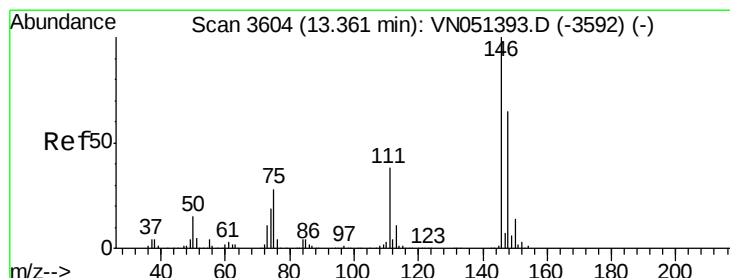
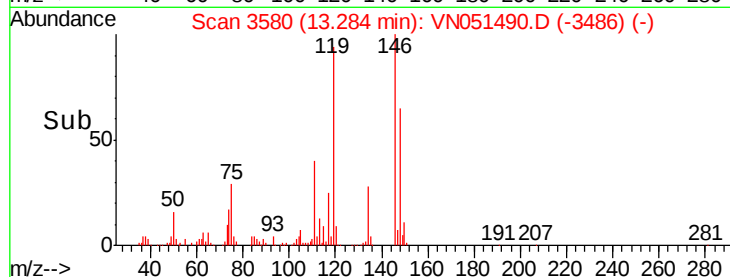
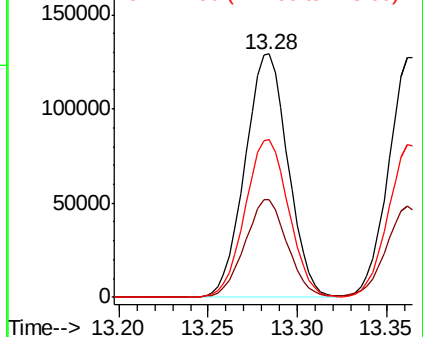
148 65.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.555 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

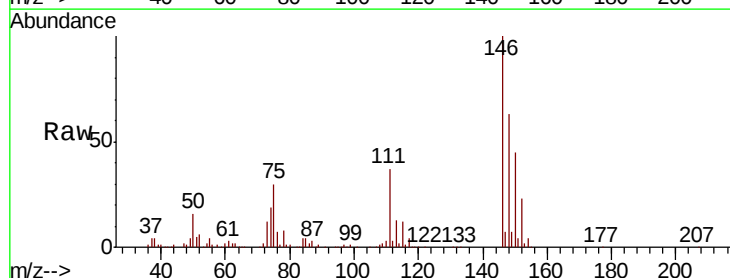
Tgt Ion:146 Resp: 211837

Ion Ratio Lower Upper

146 100

111 39.8 19.1 57.1

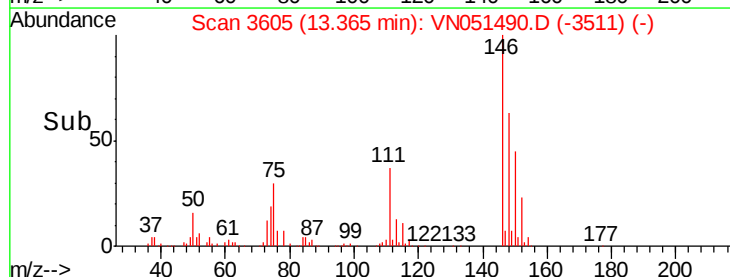
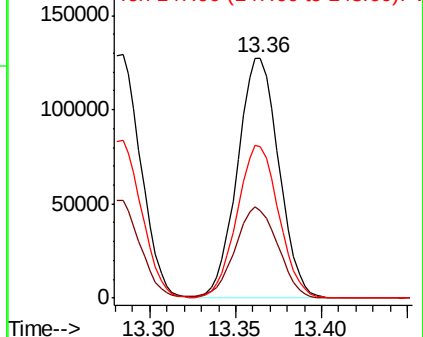
148 64.6 32.5 97.5

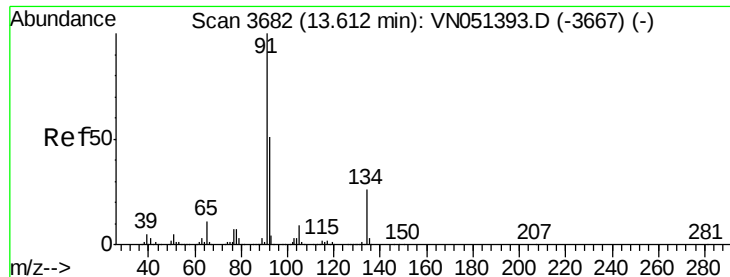


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

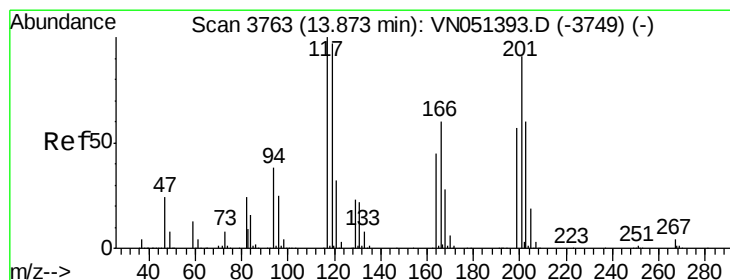
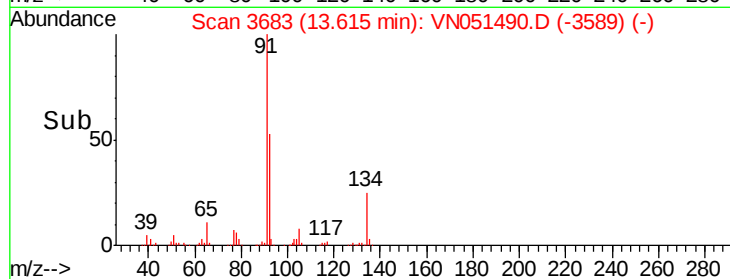
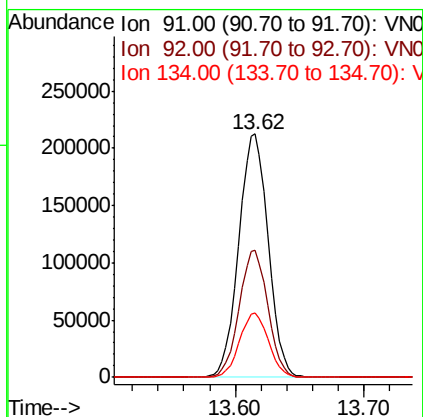
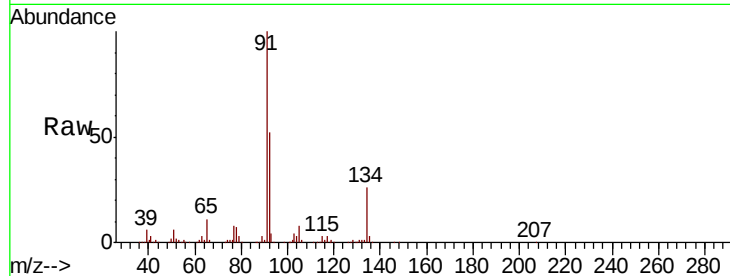




#89
n-Butylbenzene
Concen: 17.809 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

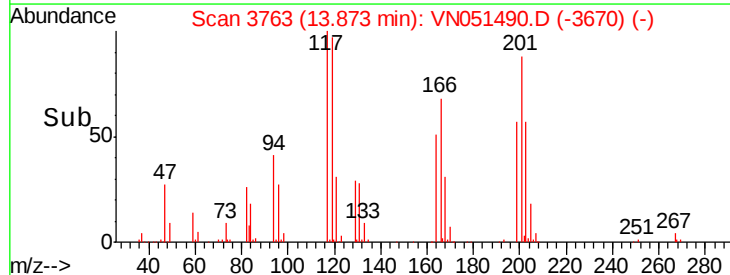
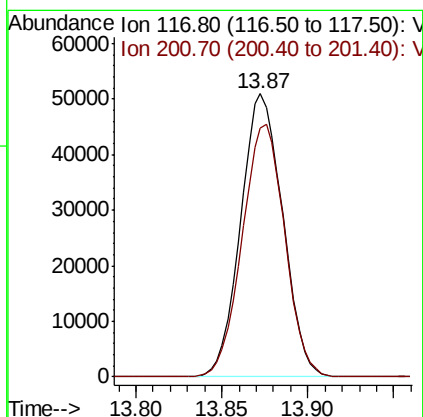
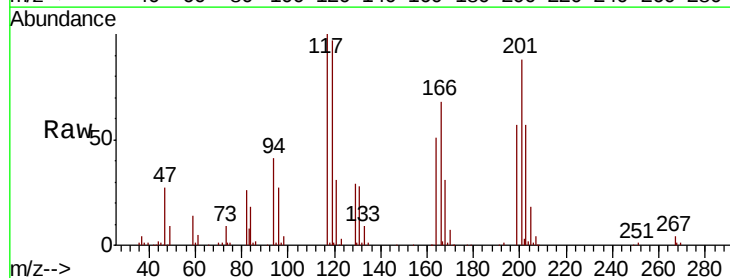
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

Tot Ion: 91 Resp: 336988
Ion Ratio Lower Upper
91 100
92 50.7 25.5 76.5
134 26.0 13.3 39.8



#90
Hexachloroethane
Concen: 18.832 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 117 Resp: 86340
Ion Ratio Lower Upper
117 100
201 90.4 45.5 136.4

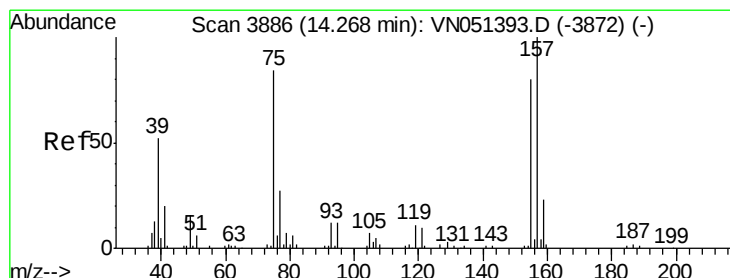
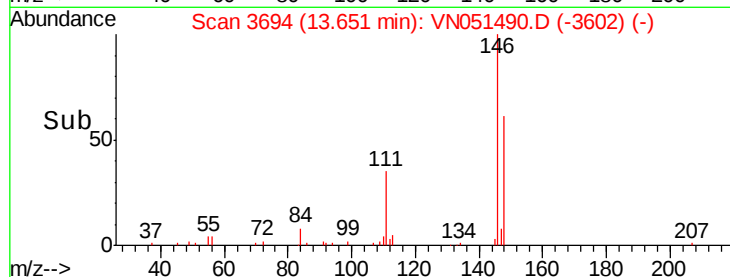
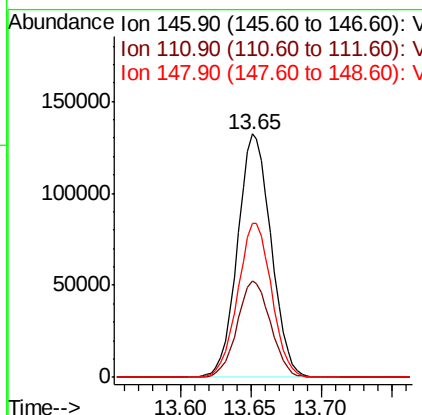
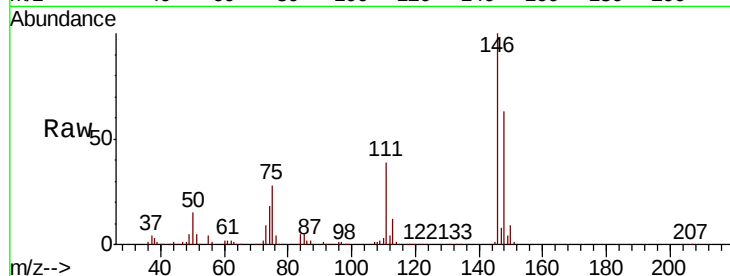




#91
 1,2-Dichlorobenzene
 Concen: 19.139 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

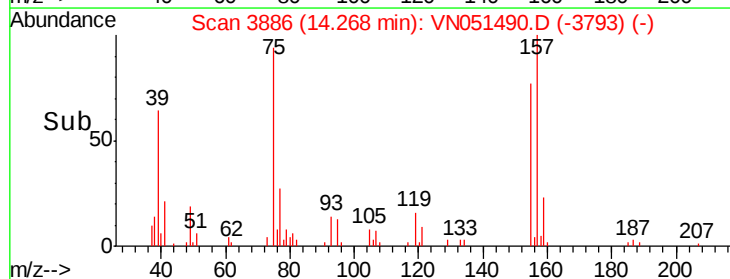
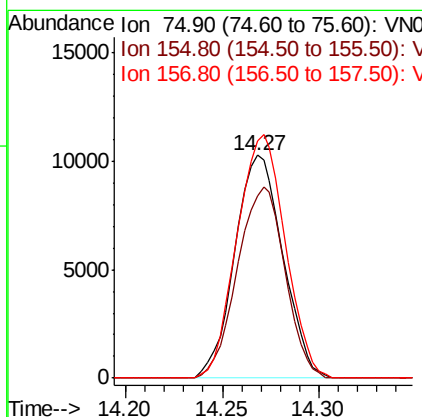
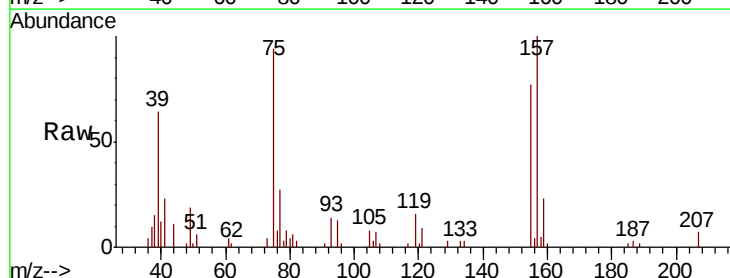
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

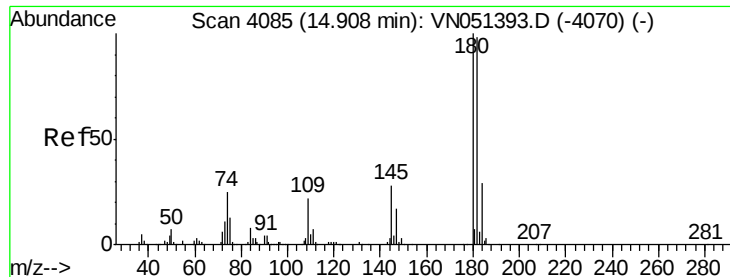
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	64.0	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.729 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	46.9	140.6
157	109.5	58.4	175.1

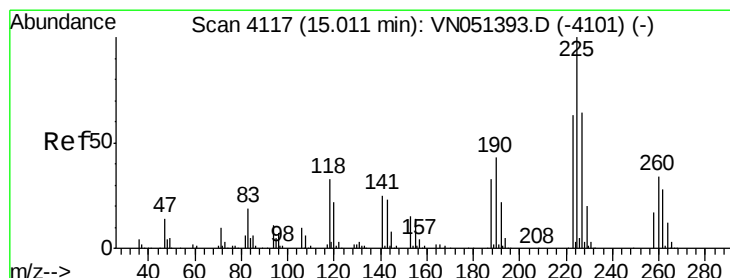
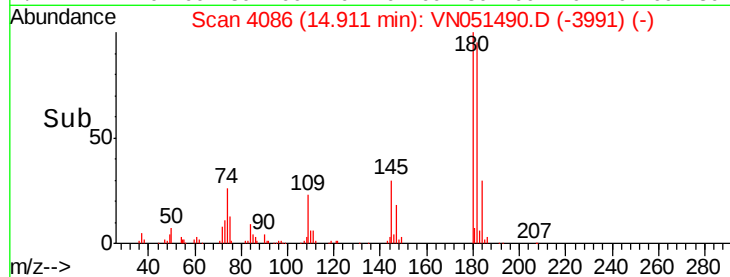
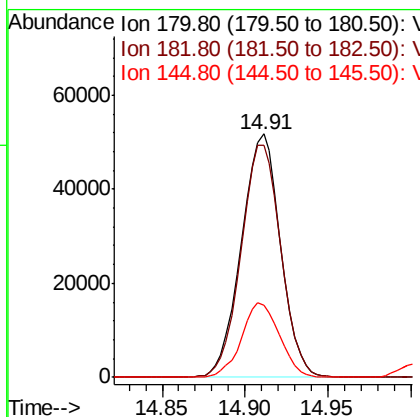
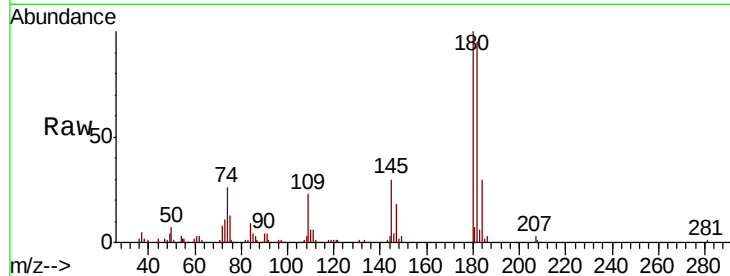




#93
 1,2,4-Trichlorobenzene
 Concen: 18.040 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

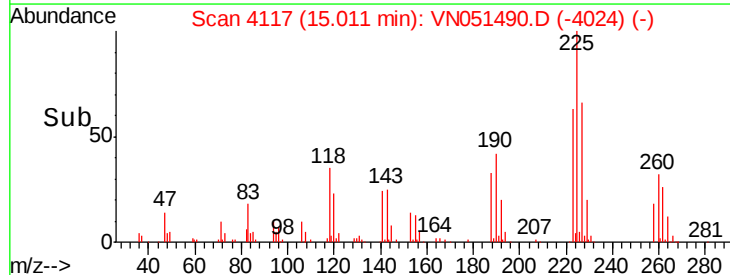
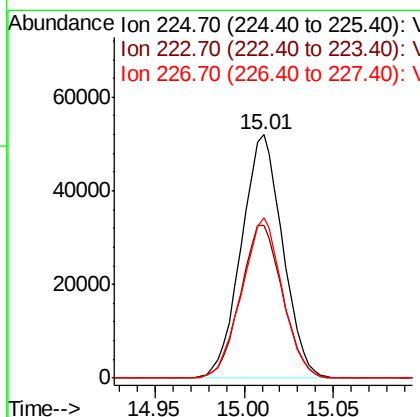
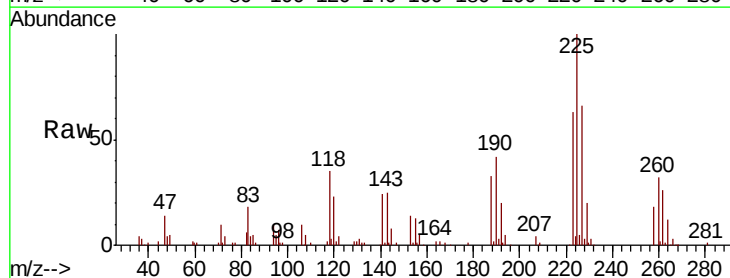
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

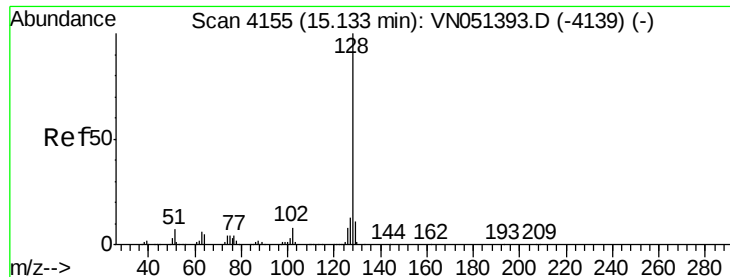
Tot Ion:180 Resp: 85012
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.5 145.6
 145 29.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.330 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion:225 Resp: 84196
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.9 95.9
 227 64.8 32.5 97.5





#95

Naphthalene

Concen: 18.040 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS01

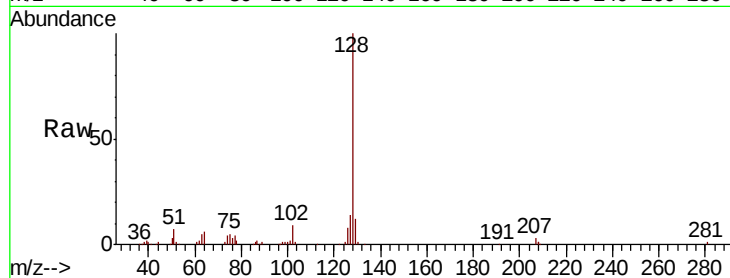
Tot Ion:128 Resp: 142171

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

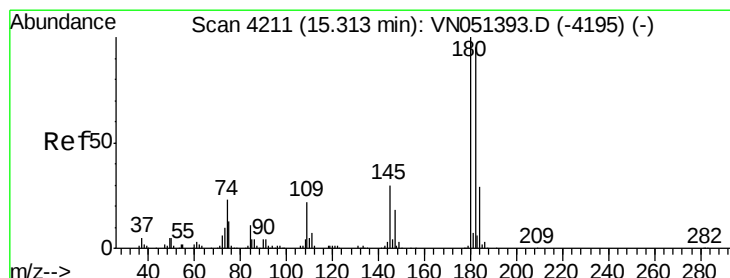
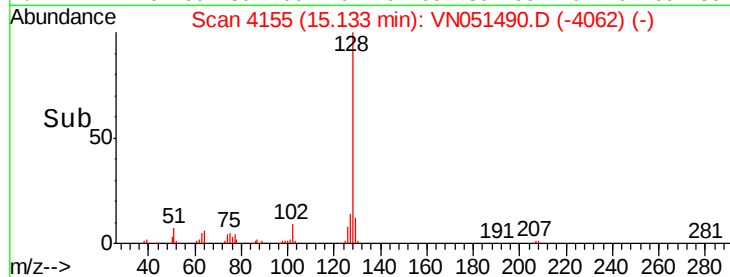
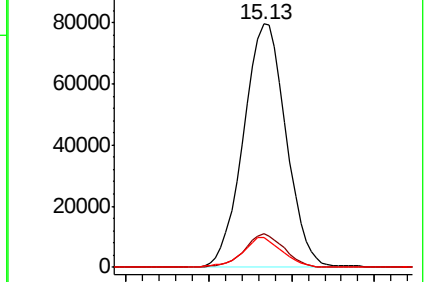
129 11.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.302 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

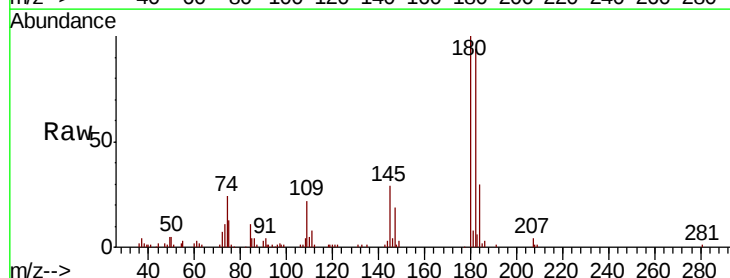
Tgt Ion:180 Resp: 90064

Ion Ratio Lower Upper

180 100

182 93.8 47.2 141.6

145 30.1 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

