

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051450.D
 Acq On : 24 Sep 2018 10:38
 Operator : MD\SY
 Sample : VN0924MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

Quant Time: Sep 25 01:54:57 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	513044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	716376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	636928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	299249	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	321612	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	291297	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.09	98	1076029	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	334451	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	90230	18.851	ug/l	94
3) Chloromethane	2.06	50	156132	20.491	ug/l	100
4) Vinyl Chloride	2.18	62	167765	19.949	ug/l	100
5) Bromomethane	2.57	94	106057	21.079	ug/l	100
6) Chloroethane	2.71	64	106253	20.277	ug/l	97
7) Trichlorofluoromethane	3.02	101	213133	19.349	ug/l	100
8) Diethyl Ether	3.41	74	58638	15.038	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111467	17.930	ug/l	96
10) Methyl Iodide	3.96	142	147127	17.994	ug/l	97
11) Tert butyl alcohol	4.79	59	30371	83.733	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	99407	17.415	ug/l	97
13) Acrolein	3.61	56	28340	78.684	ug/l	100
14) Allyl chloride	4.33	41	170421	17.795	ug/l	100
15) Acrylonitrile	5.00	53	169149	85.728	ug/l	99
16) Acetone	3.82	43	131965	75.618	ug/l	96
17) Carbon Disulfide	4.05	76	293362	17.493	ug/l	99
18) Methyl Acetate	4.33	43	91298	18.653	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	261708	17.779	ug/l	98
20) Methylene Chloride	4.55	84	119369	18.770	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	107021	18.327	ug/l	99
22) Diisopropyl ether	5.95	45	371065	20.044	ug/l	96
23) Vinyl Acetate	5.90	43	1105131	90.929	ug/l	100
24) 1,1-Dichloroethane	5.85	63	217234	19.667	ug/l	98
25) 2-Butanone	6.84	43	194400	88.374	ug/l	94
26) 2,2-Dichloropropane	6.83	77	176104	20.425	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	122112	19.058	ug/l	98
28) Bromochloromethane	7.20	49	101058	19.812	ug/l	100
29) Tetrahydrofuran	7.21	42	120641	86.543	ug/l	99
30) Chloroform	7.37	83	219570	20.062	ug/l	99
31) Cyclohexane	7.66	56	186826	18.461	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	187977	20.090	ug/l	99
36) 1,1-Dichloropropene	7.79	75	160481	19.345	ug/l	98
37) Ethyl Acetate	6.93	43	87827	18.413	ug/l	99
38) Carbon Tetrachloride	7.77	117	170665	19.669	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	175575	18.105	ug/l	97
40) Benzene	8.04	78	488870	20.070	ug/l	100
41) Methacrylonitrile	7.18	41	50605	19.177	ug/l	92
42) 1,2-Dichloroethane	8.13	62	156751	20.097	ug/l	98
43) Isopropyl Acetate	8.17	43	166178	19.267	ug/l #	89
44) Trichloroethene	8.83	130	126692	19.582	ug/l	100
45) 1,2-Dichloropropane	9.12	63	132651	20.034	ug/l	97
46) Dibromomethane	9.21	93	73347	19.605	ug/l	99
47) Bromodichloromethane	9.40	83	164079	19.818	ug/l	100
48) Methyl methacrylate	9.20	41	75339	17.520	ug/l	99
49) 1,4-Dioxane	9.20	88	19296	366.144	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	421025	88.759	ug/l	99
52) Toluene	10.16	92	298765	19.736	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	152645	18.262	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	185075	19.093	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	104121	19.462	ug/l	99
56) Ethyl methacrylate	10.43	69	116631	17.831	ug/l	99
57) 1,3-Dichloropropane	10.71	76	178340	19.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	287266	94.910	ug/l	99
59) 2-Hexanone	10.75	43	264236	85.931	ug/l	98
60) Dibromochloromethane	10.90	129	120473	19.086	ug/l	100
61) 1,2-Dibromoethane	11.00	107	97565	18.786	ug/l	97
64) Tetrachloroethene	10.63	164	121083	20.947	ug/l	95
65) Chlorobenzene	11.43	112	312739	19.138	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	123478	19.833	ug/l	100
67) Ethyl Benzene	11.51	91	516519	18.755	ug/l	100
68) m/p-Xylenes	11.62	106	406363	38.147	ug/l	100
69) o-Xylene	11.95	106	192006	18.749	ug/l	97
70) Styrene	11.96	104	299626	18.464	ug/l	100
71) Bromoform	12.12	173	77851	18.428	ug/l #	98
73) Isopropylbenzene	12.25	105	517279	20.487	ug/l	99
74) N-amyl acetate	12.07	43	112482	17.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	118162	20.069	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	140347	28.252	ug/l #	100
77) Bromobenzene	12.53	156	126141	19.735	ug/l	97
78) n-propylbenzene	12.59	91	579927	20.380	ug/l	100
79) 2-Chlorotoluene	12.67	91	348795	20.477	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	426658	20.724	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28536	17.663	ug/l	94
82) 4-Chlorotoluene	12.77	91	344272	20.250	ug/l	100
83) tert-Butylbenzene	12.99	119	374872	20.457	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	432963	20.870	ug/l	100
85) sec-Butylbenzene	13.17	105	506430	20.428	ug/l	99
86) p-Isopropyltoluene	13.29	119	428229	19.963	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	219714	19.864	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	204119	19.179	ug/l	99
89) n-Butylbenzene	13.61	91	326551	18.512	ug/l	99
90) Hexachloroethane	13.87	117	86356	20.205	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	213488	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16383	19.498	ug/l	92

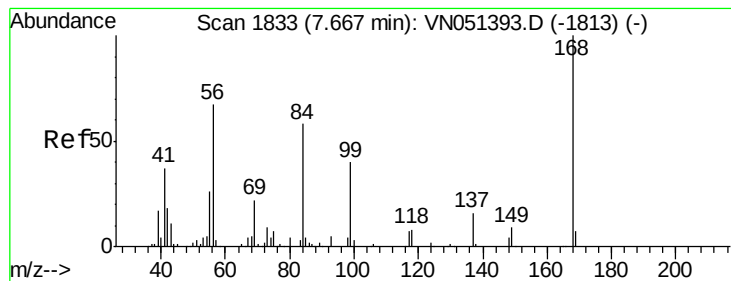
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
Data File : VN051450.D
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Quant Time: Sep 25 01:54:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	85731	19.026	ug/l	97
94) Hexachlorobutadiene	15.01	225	80742	19.884	ug/l	98
95) Naphthalene	15.13	128	134617	18.197	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	86393	16.774	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

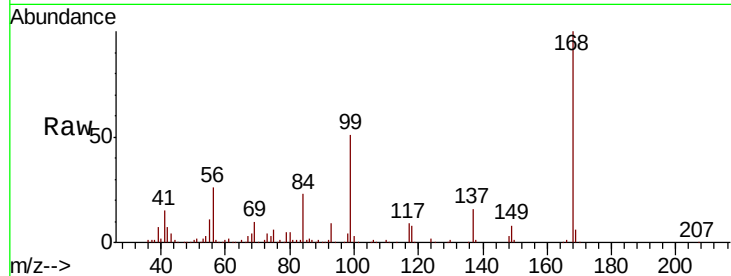
VN0924MBS01

Tot Ion:168 Resp: 513044

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): VNO

7.67

250000

200000

150000

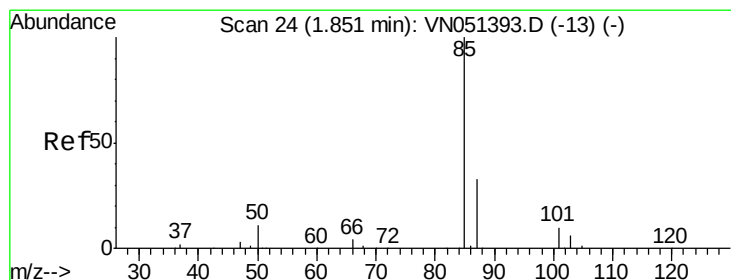
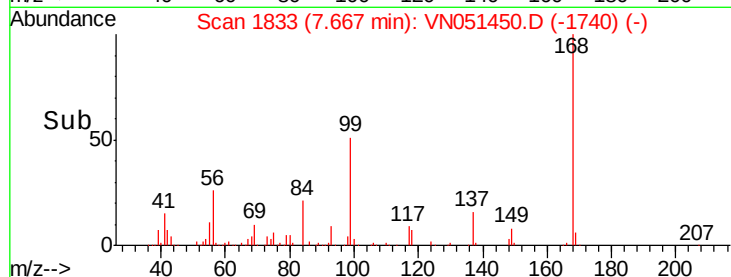
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.851 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051450.D

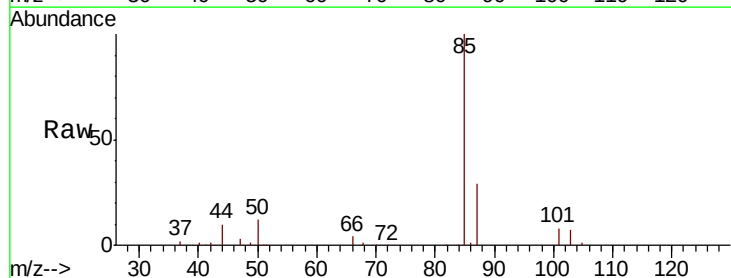
Acq: 24 Sep 2018 10:38

Tgt Ion: 85 Resp: 90230

Ion Ratio Lower Upper

85 100

87 29.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

60000

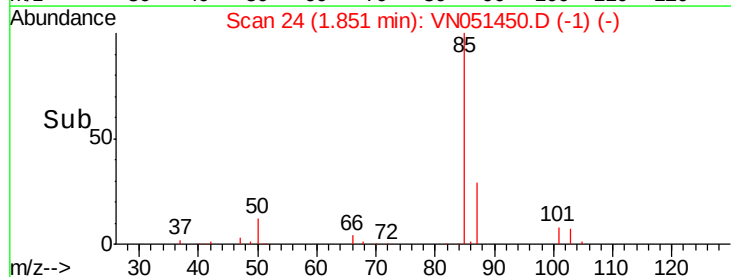
40000

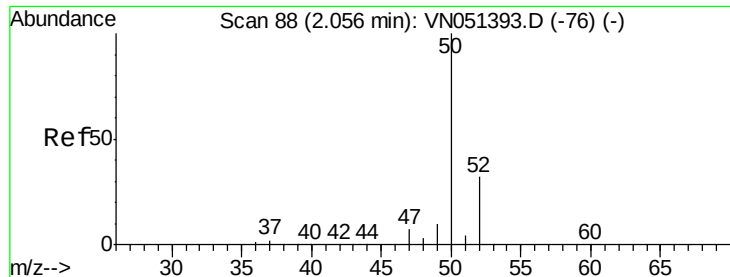
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.491 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampled :

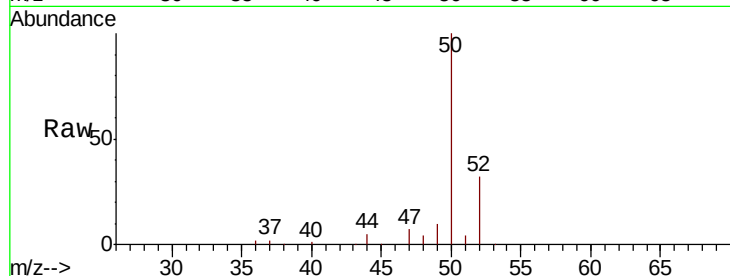
VN0924MBS01

Tot Ion: 50 Resp: 156132

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

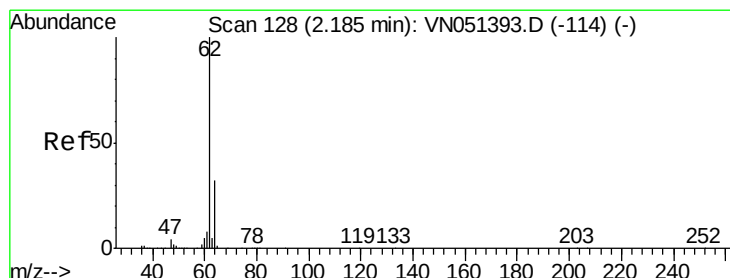
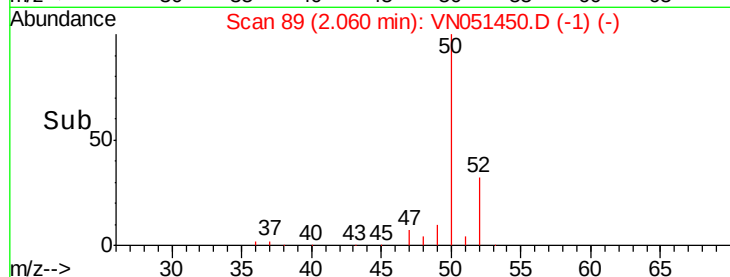
2.06

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 19.949 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051450.D

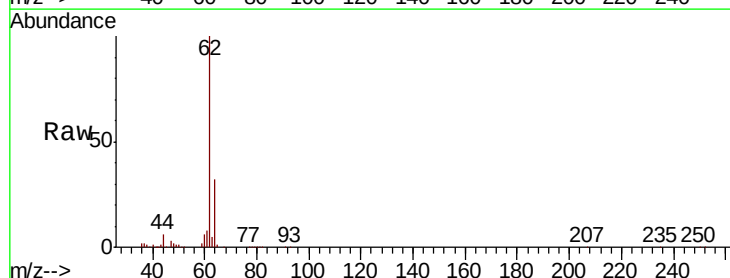
Acq: 24 Sep 2018 10:38

Tgt Ion: 62 Resp: 167765

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

120000

100000

80000

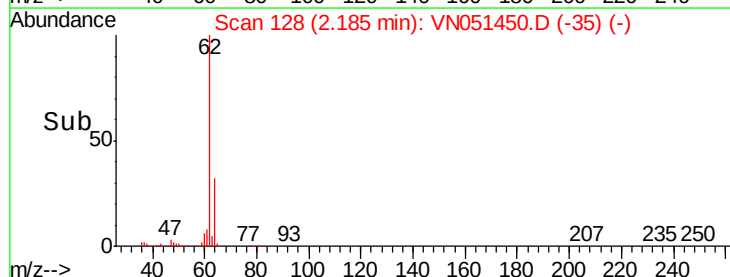
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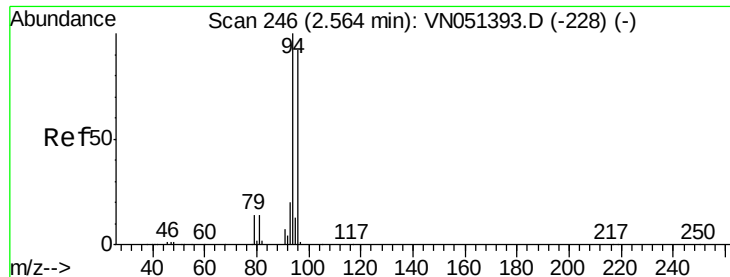
40000

20000

0

Time-->





#5

Bromomethane

Concen: 21.079 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

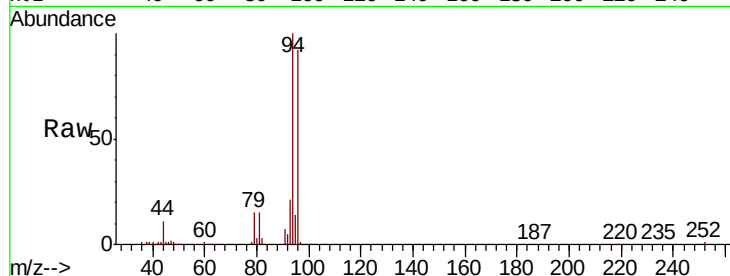
VN0924MBS01

Tot Ion: 94 Resp: 106057

Ion Ratio Lower Upper

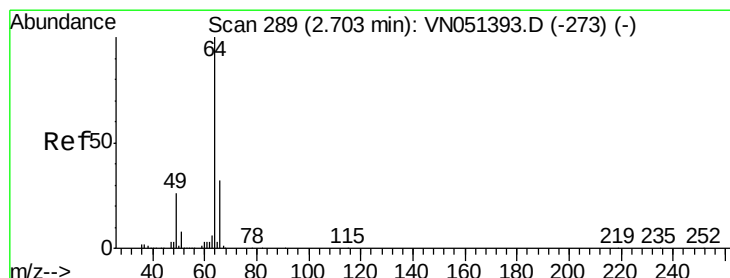
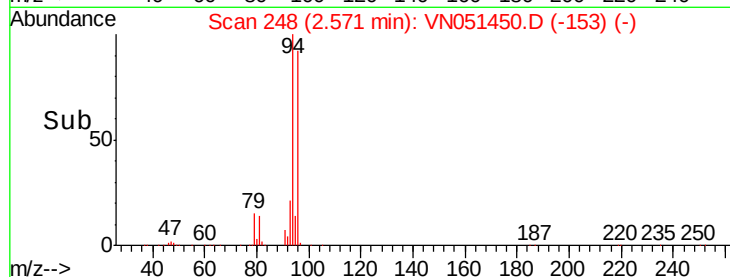
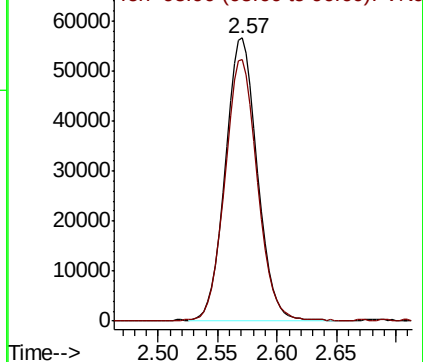
94 100

96 92.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.277 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051450.D

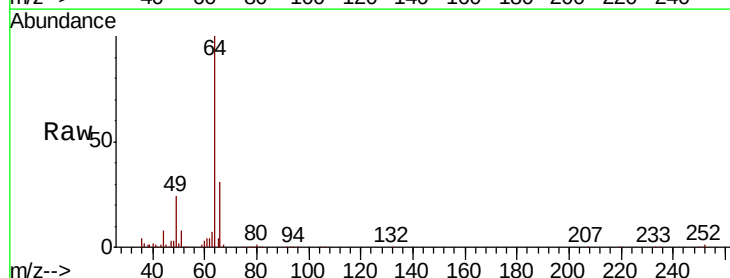
Acq: 24 Sep 2018 10:38

Tgt Ion: 64 Resp: 106253

Ion Ratio Lower Upper

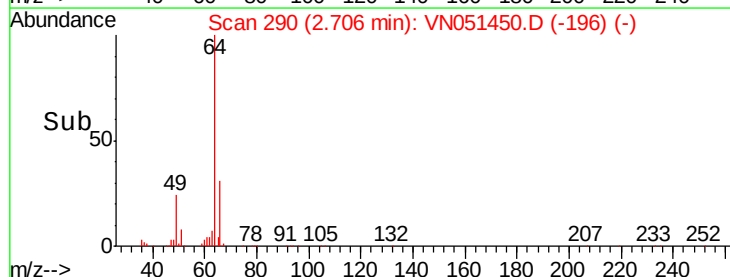
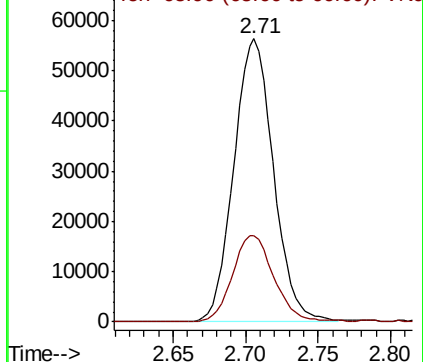
64 100

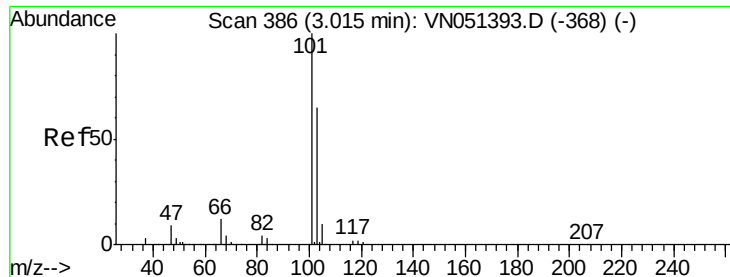
66 30.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



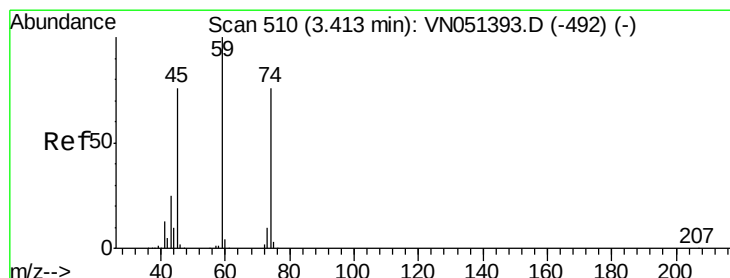
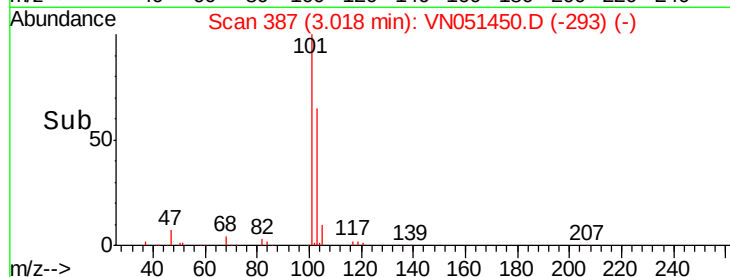
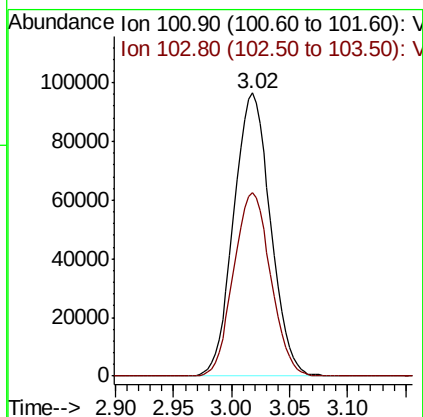
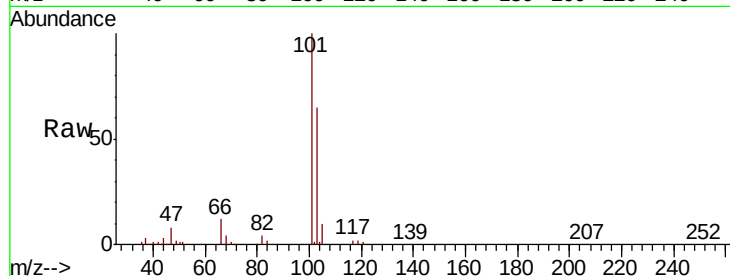


#7

Trichlorofluoromethane
 Concen: 19.349 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

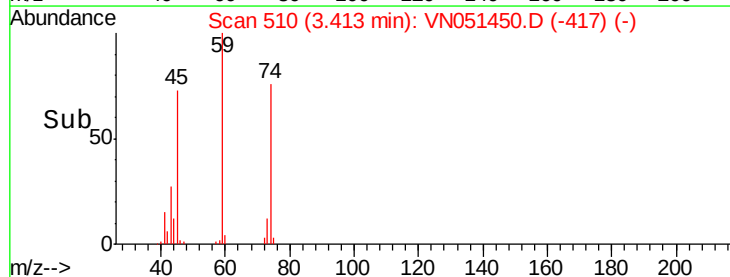
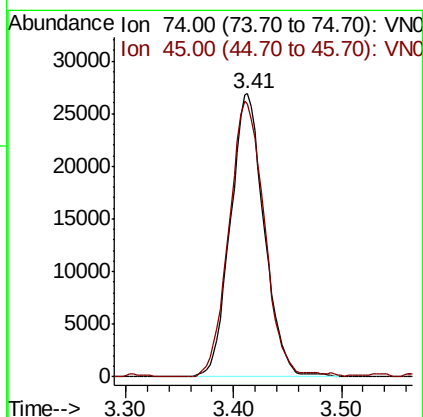
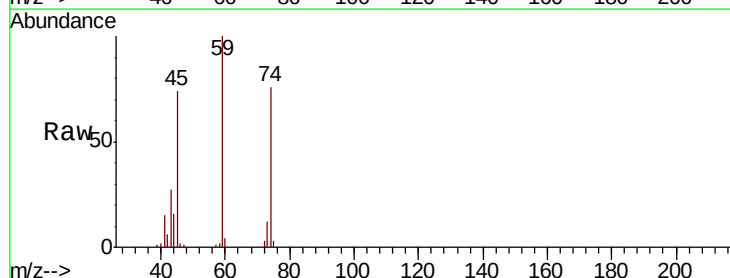
Tot Ion:101 Resp: 213133
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8

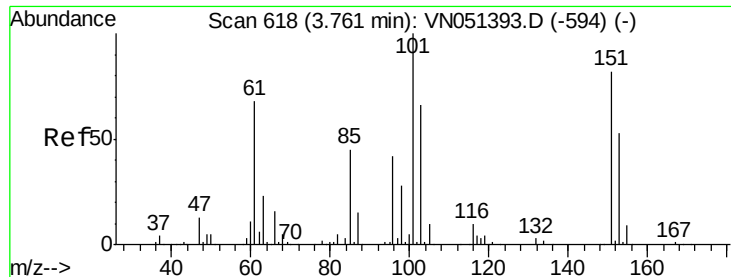


#8

Diethyl Ether
 Concen: 15.038 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion: 74 Resp: 58638
 Ion Ratio Lower Upper
 74 100
 45 101.9 50.2 150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.930 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBS01

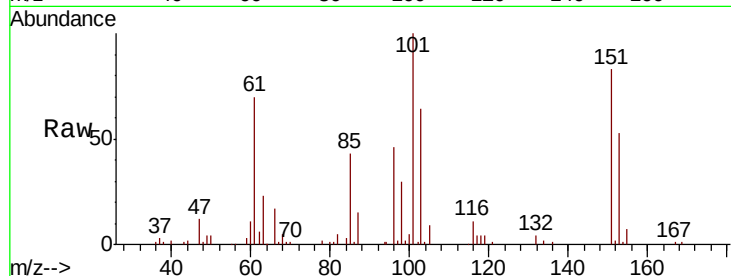
Tot Ion:101 Resp: 111467

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

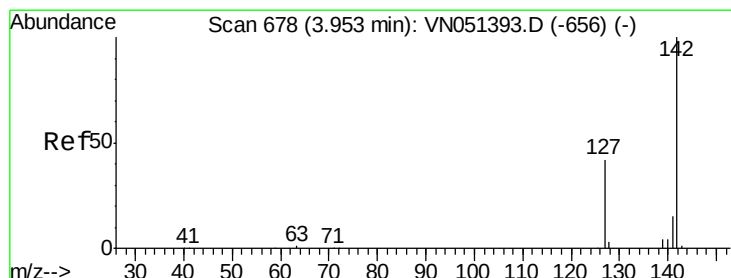
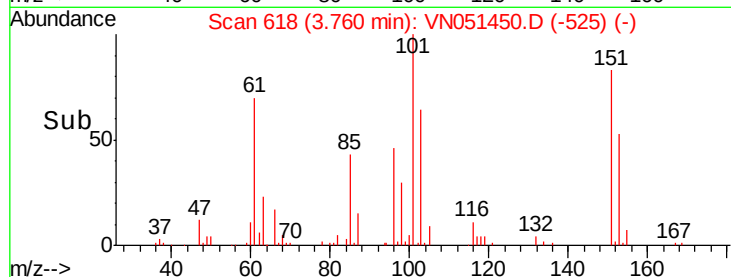
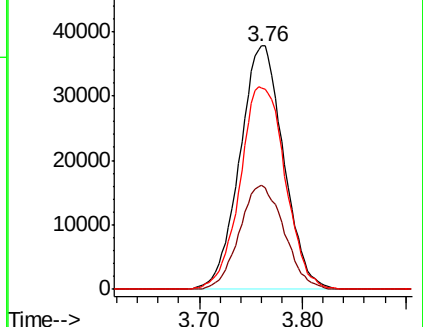
151 85.8 65.2 97.8



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: 17.994 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

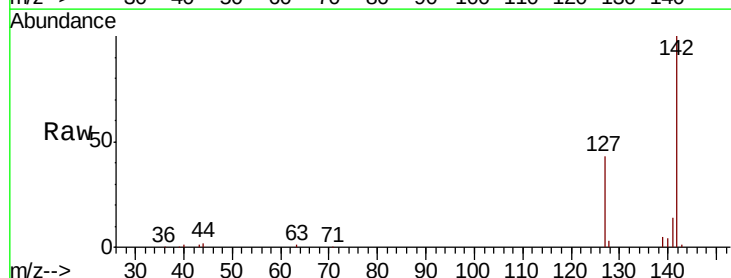
Tgt Ion:142 Resp: 147127

Ion Ratio Lower Upper

142 100

127 44.0 33.2 49.8

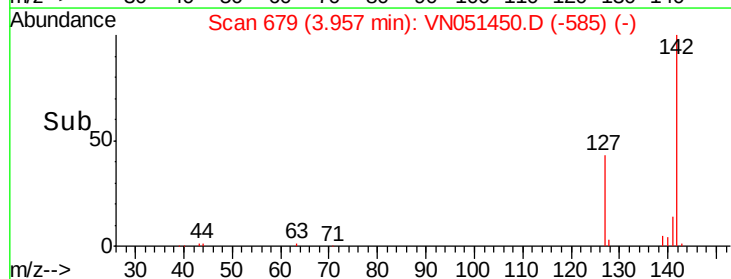
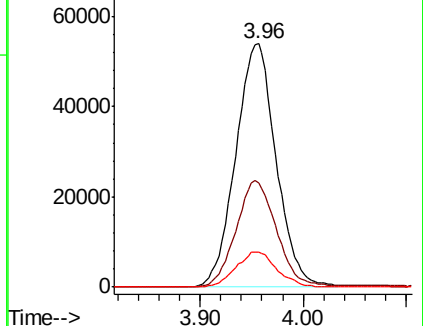
141 14.6 11.5 17.3

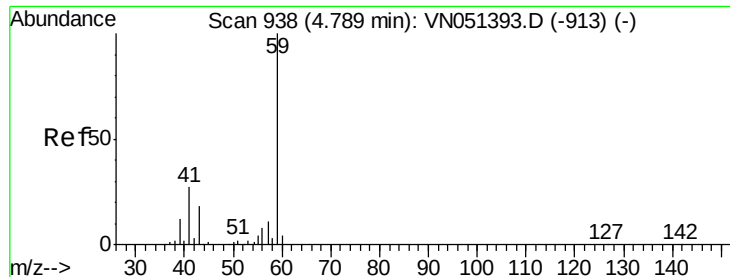


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



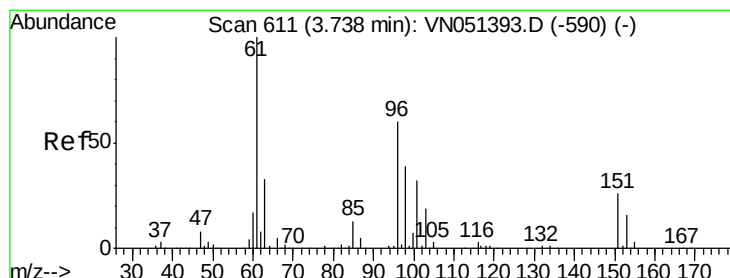
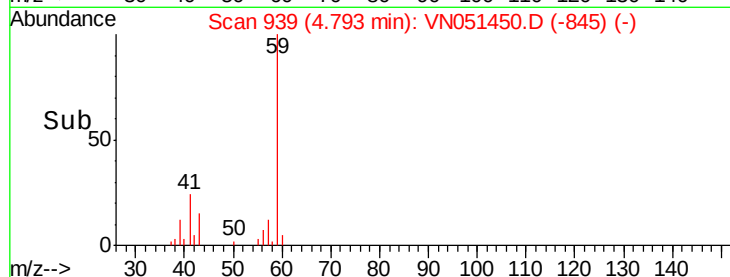
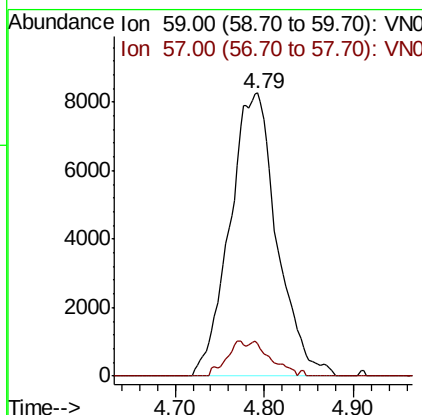
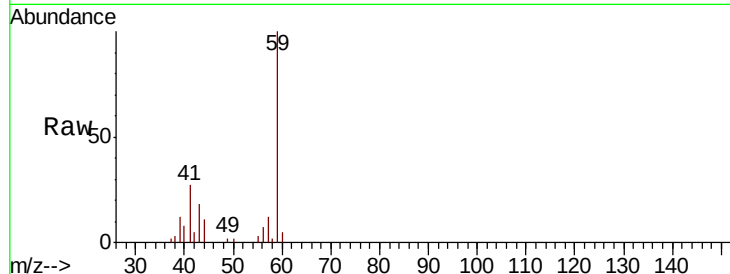


#11

Tert butyl alcohol
 Concen: 83.733 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

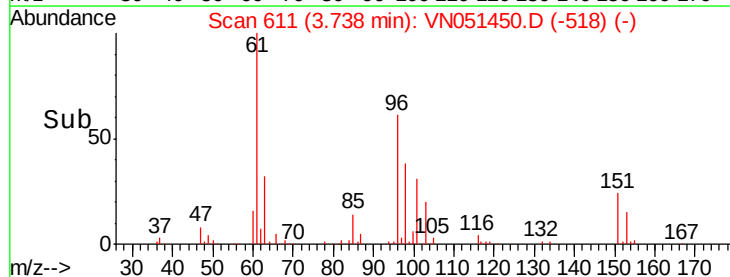
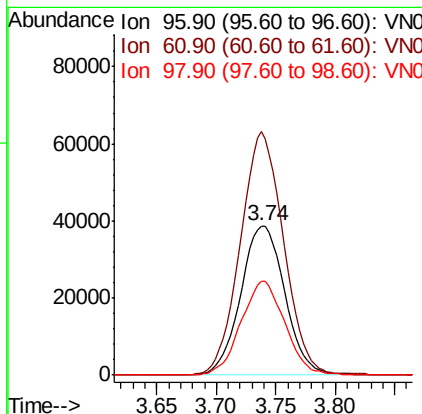
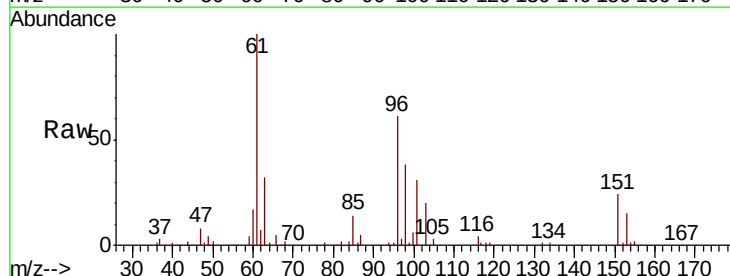
Tot Ion: 59 Resp: 30371
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.2 9.2#

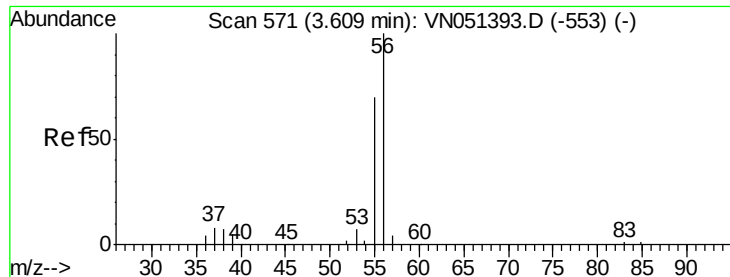


#12

1,1-Dichloroethene
 Concen: 17.415 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion: 96 Resp: 99407
 Ion Ratio Lower Upper
 96 100
 61 162.9 133.6 200.4
 98 62.6 52.2 78.2

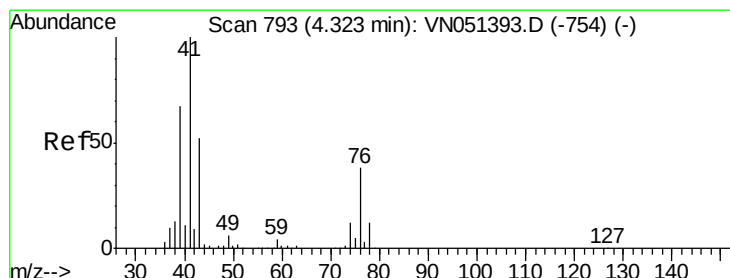
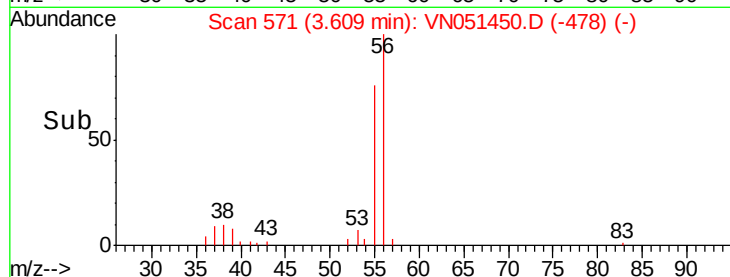
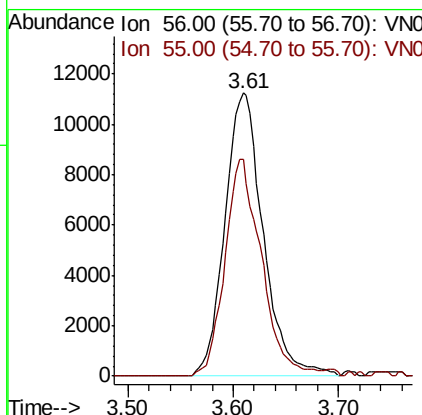
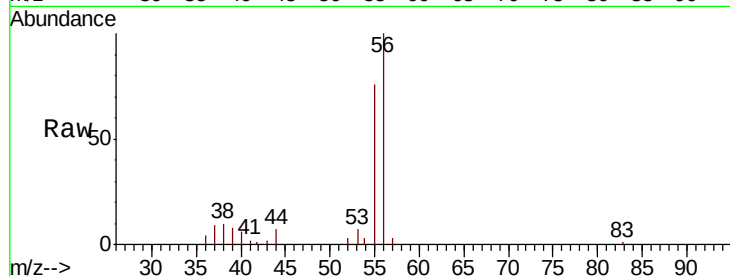




#13
 Acrolein
 Concen: 78.684 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

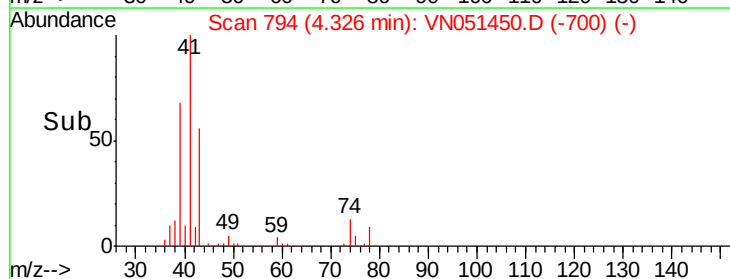
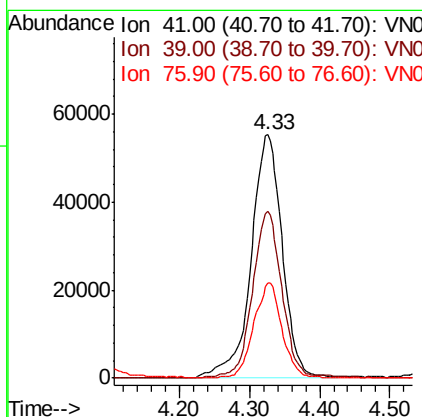
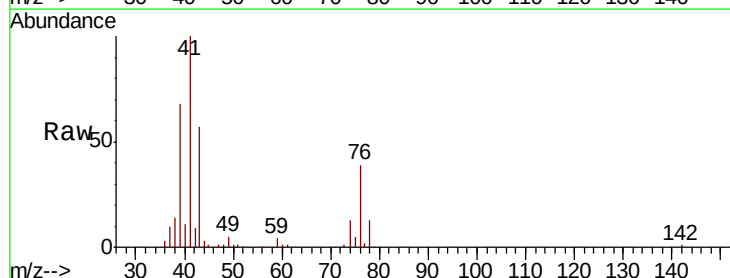
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

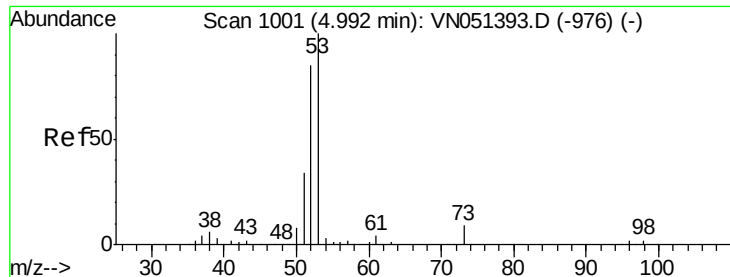
Tot Ion: 56 Resp: 28340
 Ion Ratio Lower Upper
 56 100
 55 72.3 57.8 86.8



#14
 Allyl chloride
 Concen: 17.795 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion: 41 Resp: 170421
 Ion Ratio Lower Upper
 41 100
 39 64.0 51.4 77.2
 76 35.3 28.1 42.1





#15

Acrylonitrile

Concen: 85.728 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampled :

VN0924MBS01

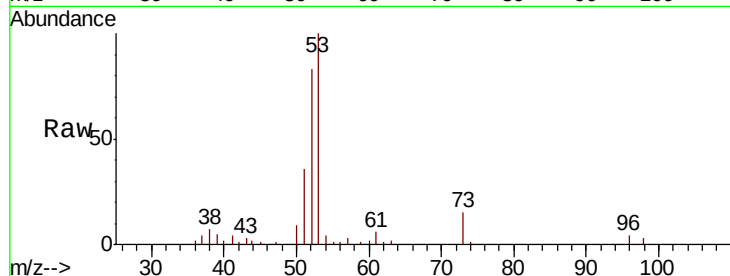
Tot Ion: 53 Resp: 169149

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

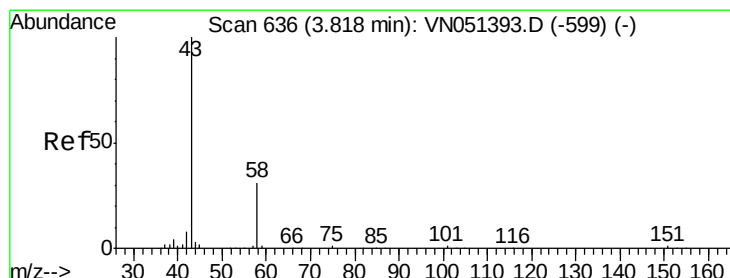
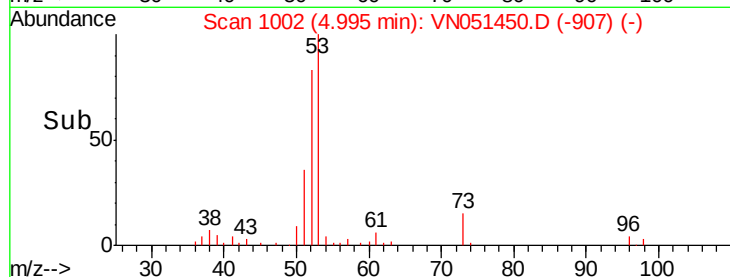
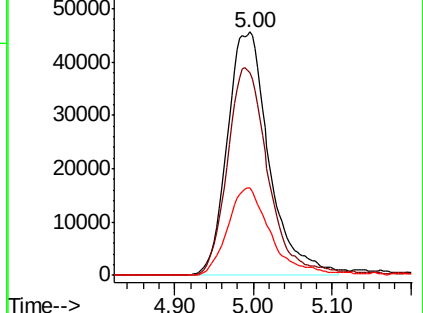
51 36.7 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 75.618 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051450.D

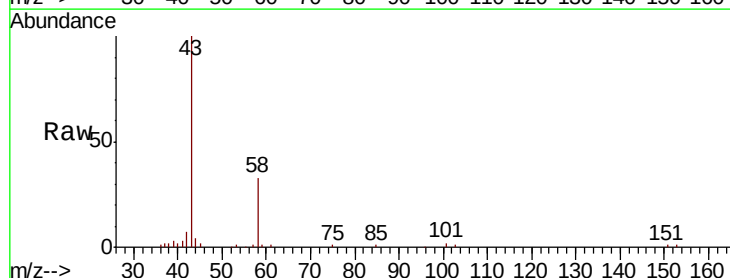
Acq: 24 Sep 2018 10:38

Tgt Ion: 43 Resp: 131965

Ion Ratio Lower Upper

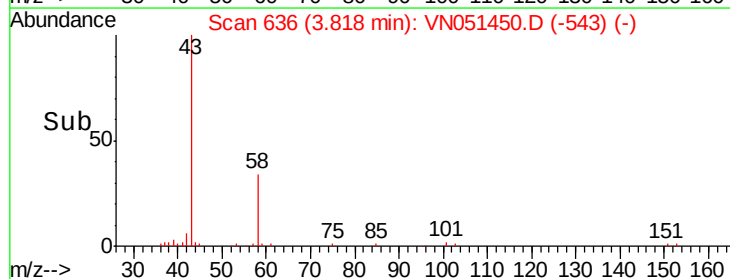
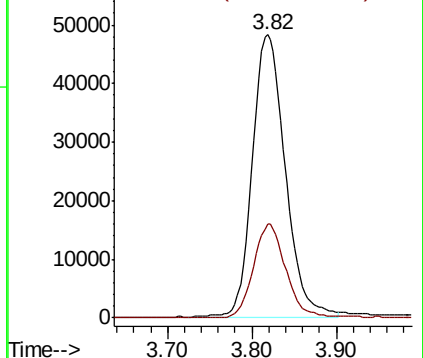
43 100

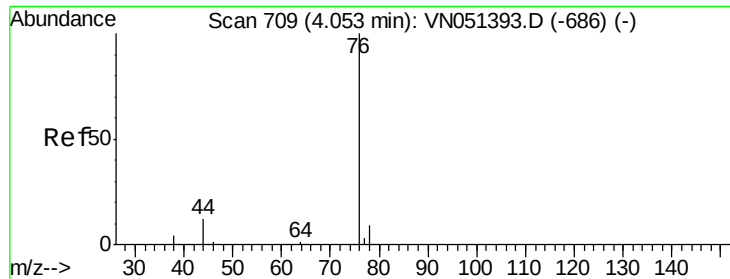
58 33.4 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

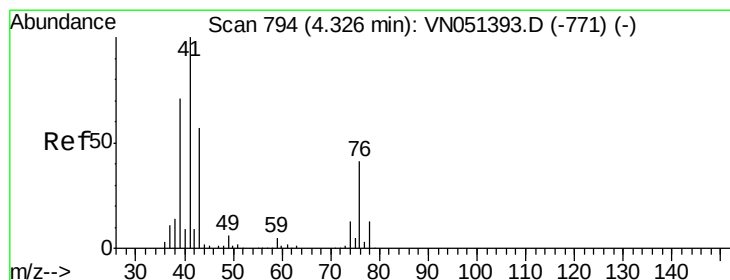
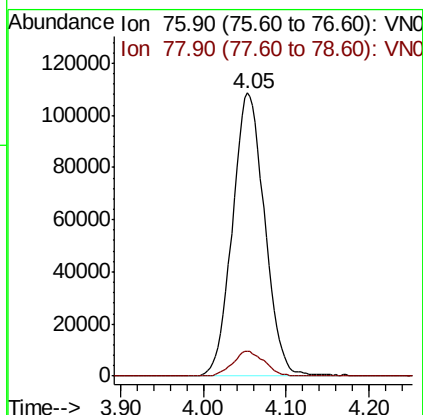
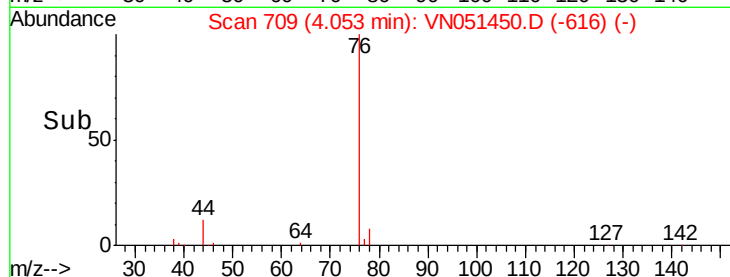
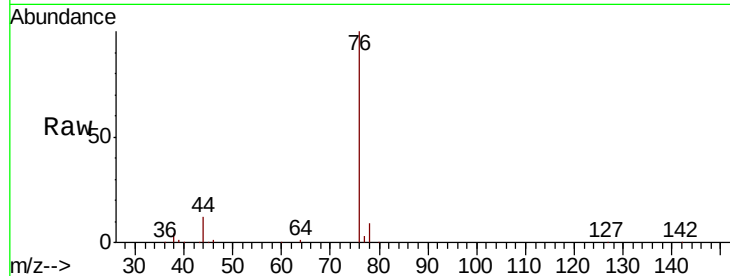




#17
Carbon Disulfide
Concen: 17.493 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

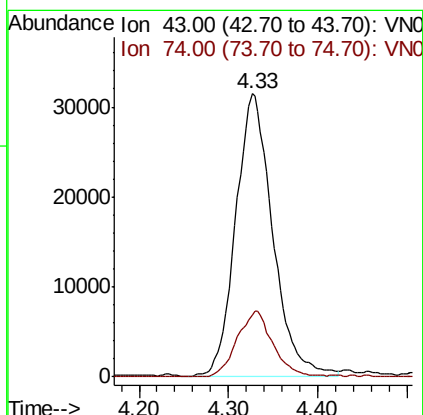
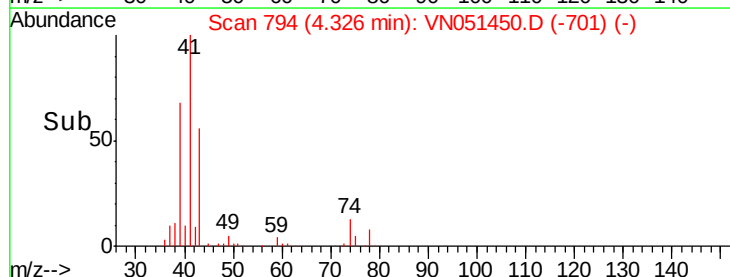
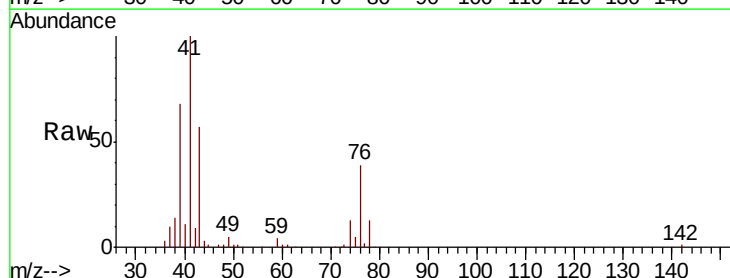
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

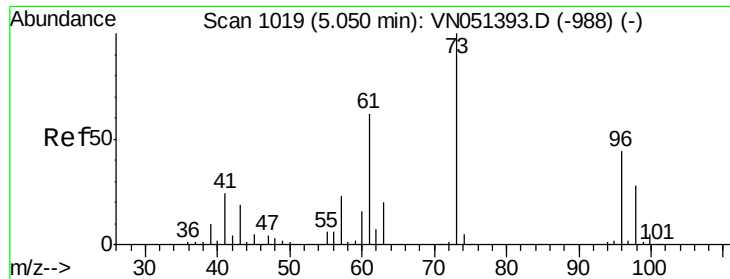
Tot Ion: 76 Resp: 293362
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 18.653 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 43 Resp: 91298
Ion Ratio Lower Upper
43 100
74 22.3 18.8 28.2

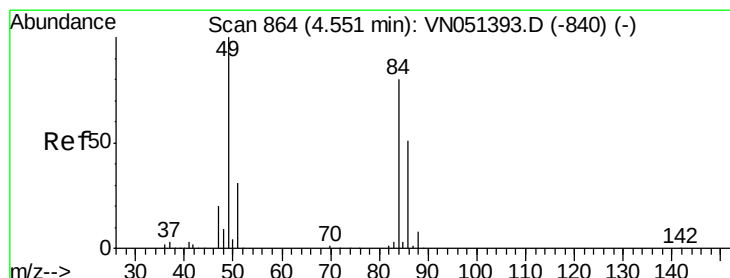
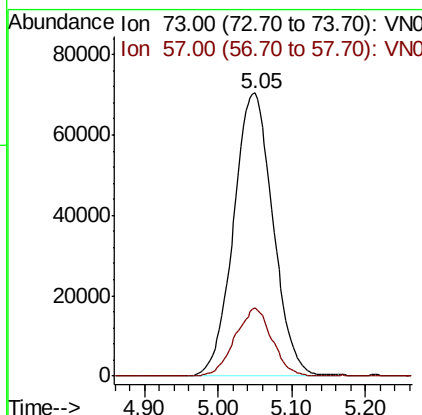
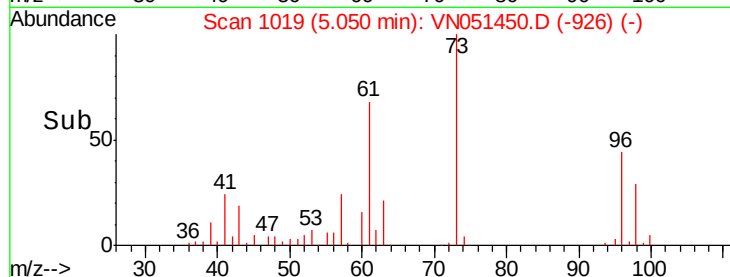
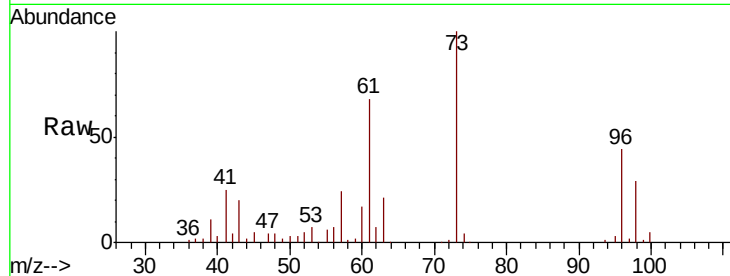




#19
Methyl tert-butyl Ether
Concen: 17.779 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

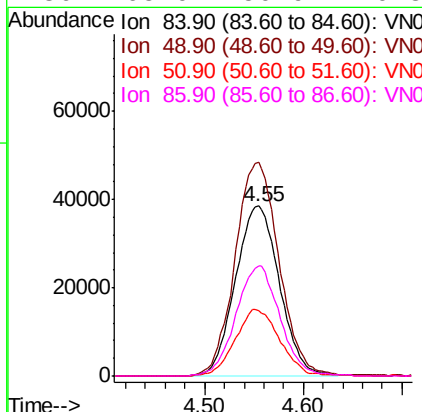
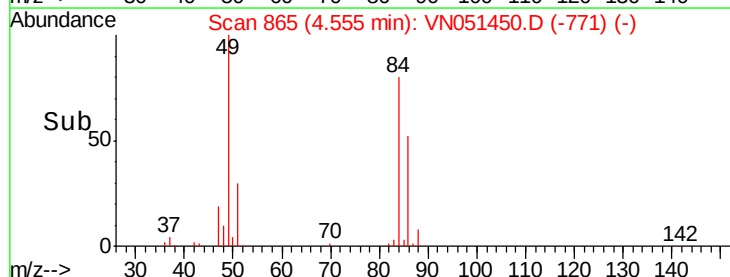
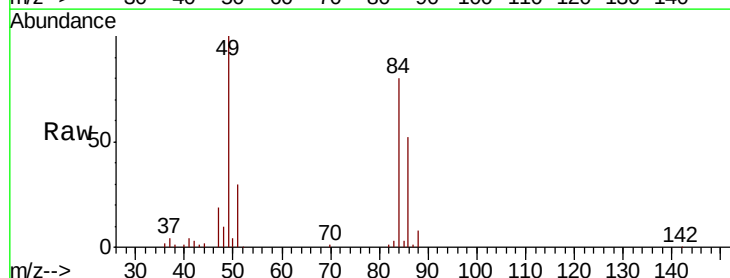
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

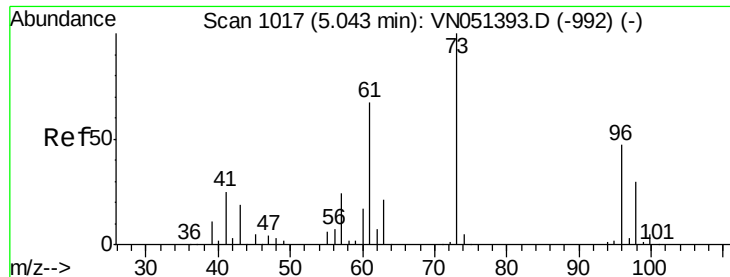
Tot Ion: 73 Resp: 261708
Ion Ratio Lower Upper
73 100
57 24.0 18.3 27.5



#20
Methylene Chloride
Concen: 18.770 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 84 Resp: 119369
Ion Ratio Lower Upper
84 100
49 125.5 99.9 149.9
51 38.2 31.4 47.2
86 65.0 50.9 76.3

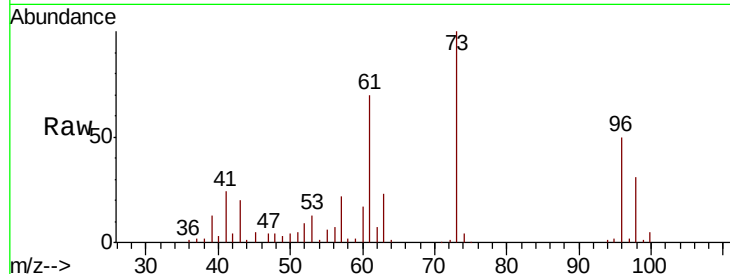




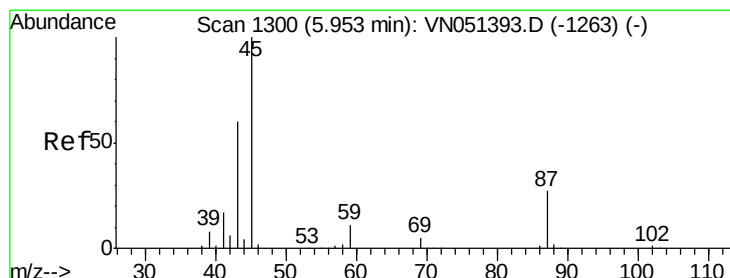
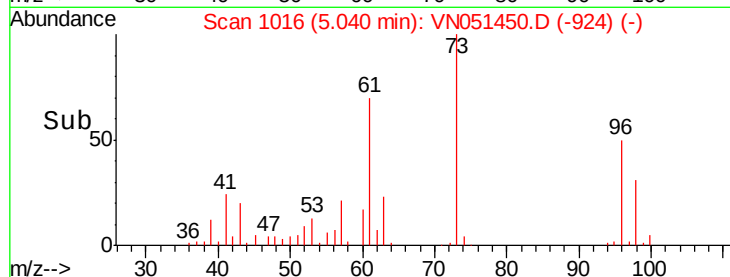
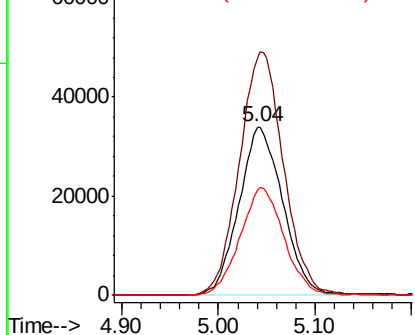
#21
trans-1,2-Dichloroethene
Concen: 18.327 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

Tot Ion: 96 Resp: 107021
Ion Ratio Lower Upper
96 100
61 141.0 113.4 170.2
98 62.2 51.1 76.7

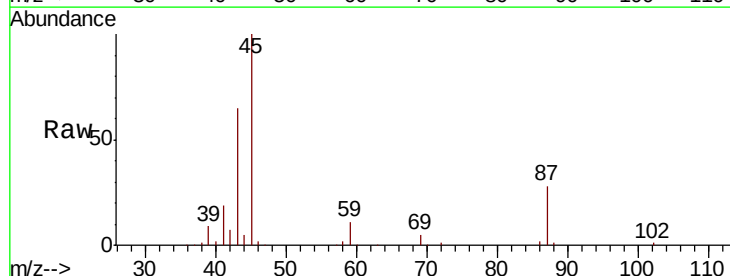


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

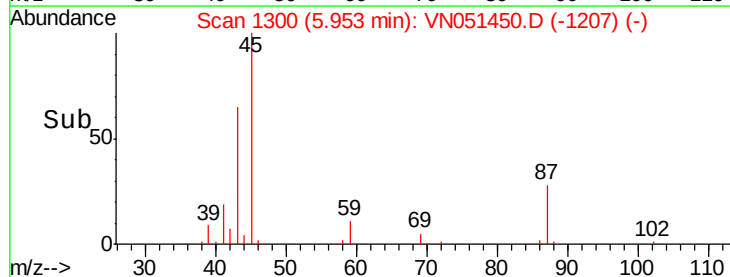
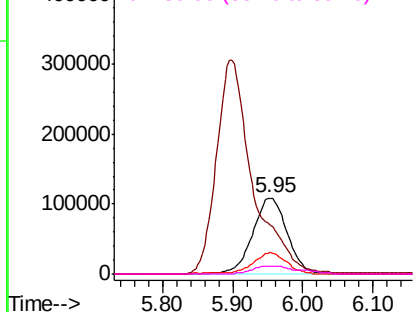


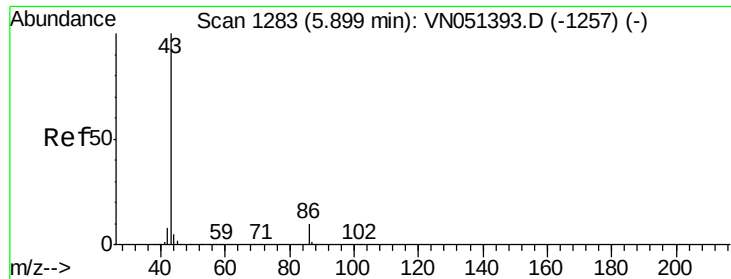
#22
Diisopropyl ether
Concen: 20.044 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 45 Resp: 371065
Ion Ratio Lower Upper
45 100
43 63.3 47.7 71.5
87 27.8 22.0 33.0
59 10.3 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: 90.929 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

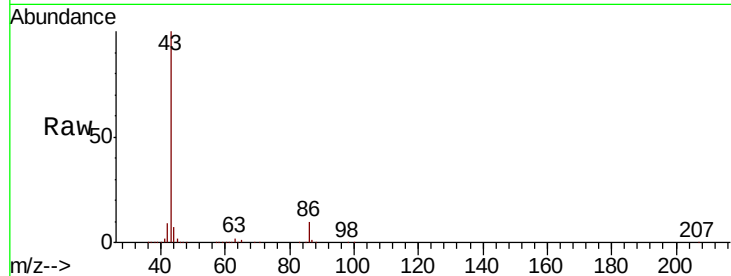
VN0924MBS01

Tot Ion: 43 Resp: 1105131

Ion Ratio Lower Upper

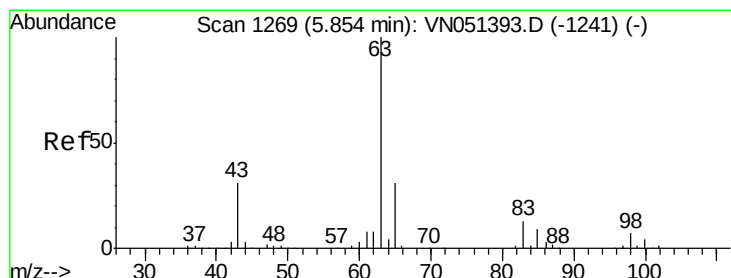
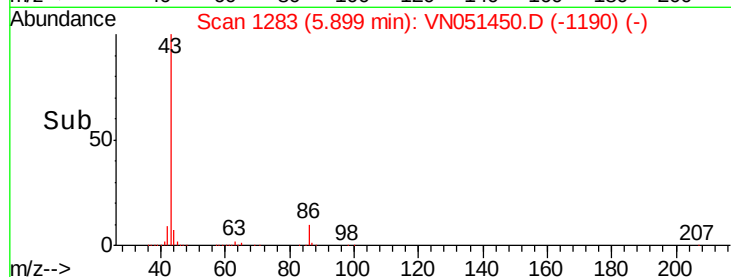
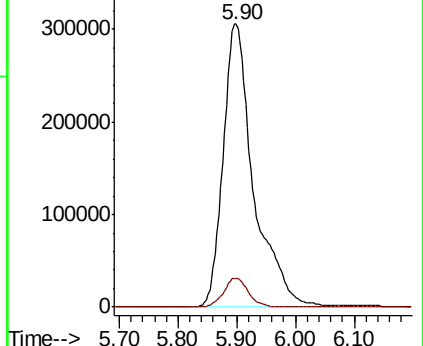
43 100

86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.667 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

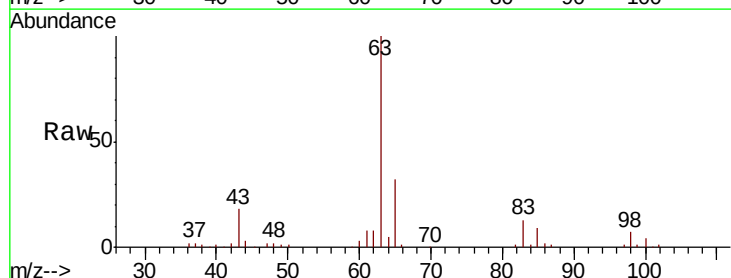
Tgt Ion: 63 Resp: 217234

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

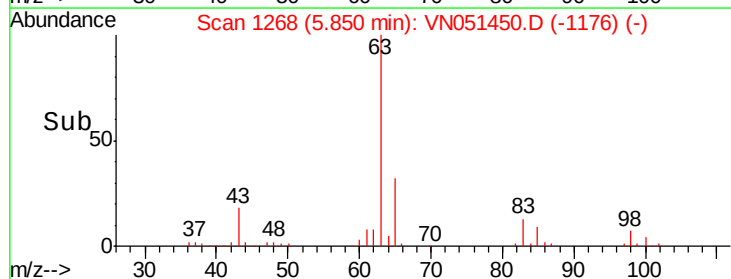
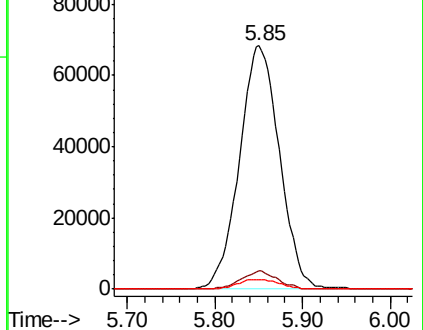
100 4.0 2.2 6.6

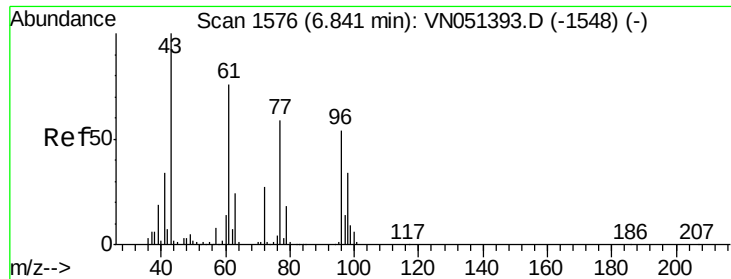


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 88.374 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

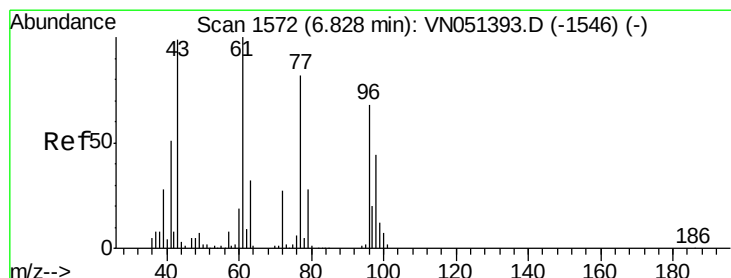
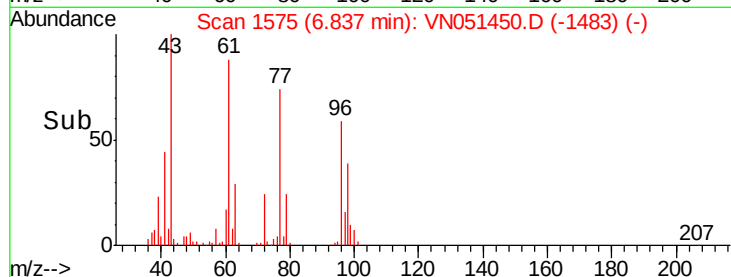
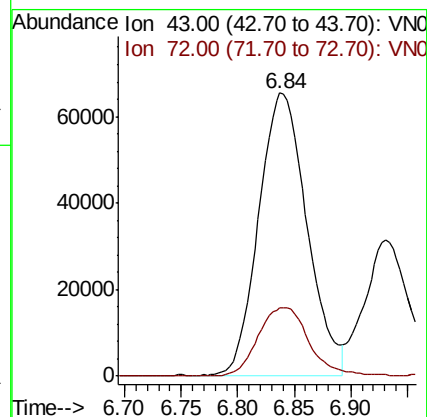
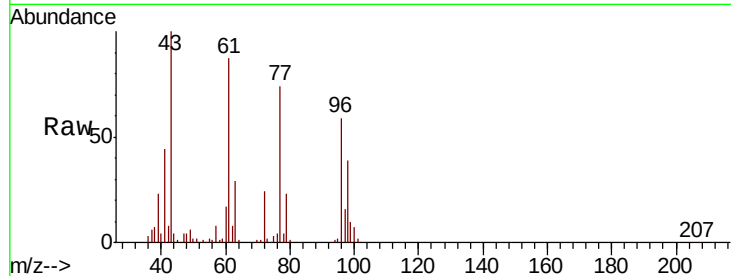
VN0924MBS01

Tot Ion: 43 Resp: 194400

Ion Ratio Lower Upper

43 100

72 23.9 21.8 32.6



#26

2,2-Dichloropropane

Concen: 20.425 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051450.D

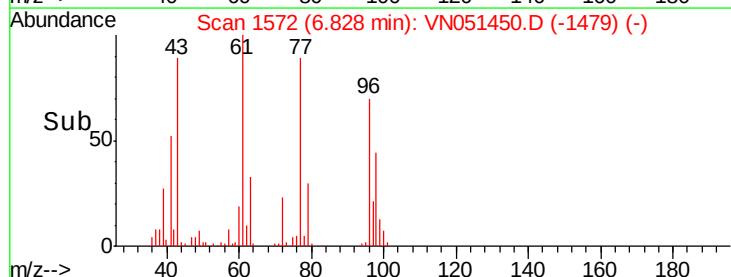
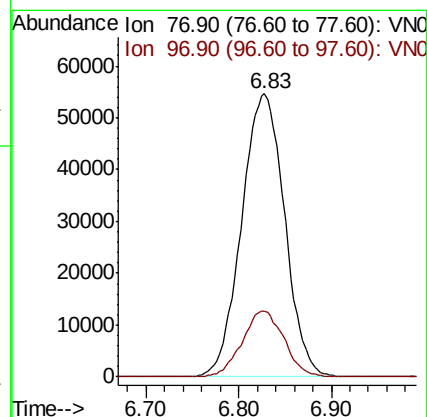
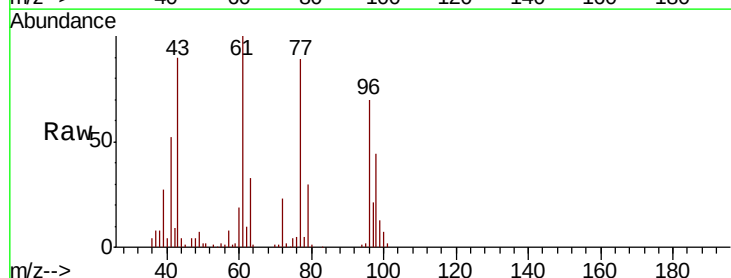
Acq: 24 Sep 2018 10:38

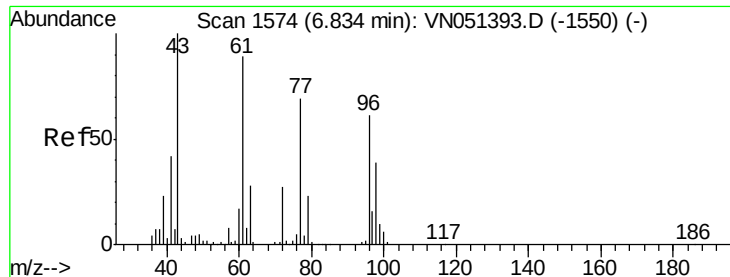
Tgt Ion: 77 Resp: 176104

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.058 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBS01

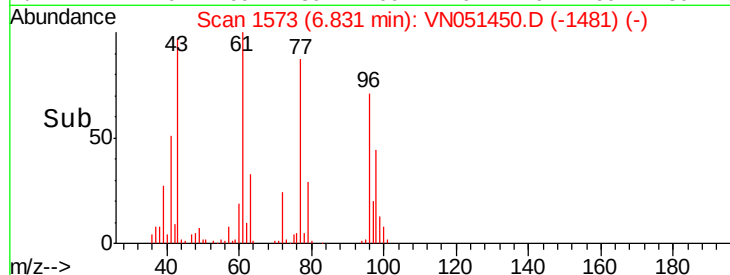
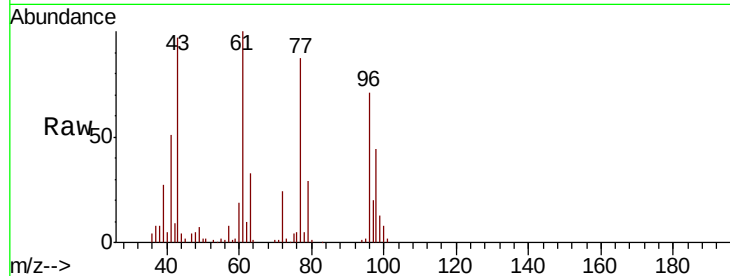
Tot Ion: 96 Resp: 122112

Ion Ratio Lower Upper

96 100

61 147.9 0.0 291.4

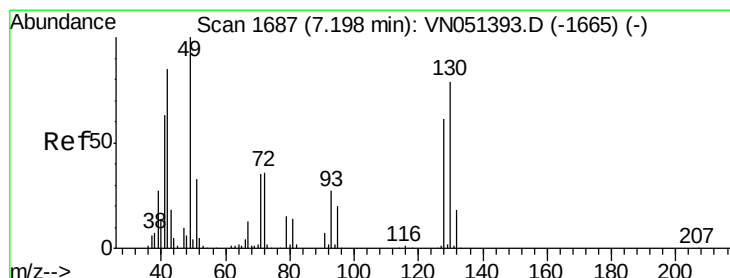
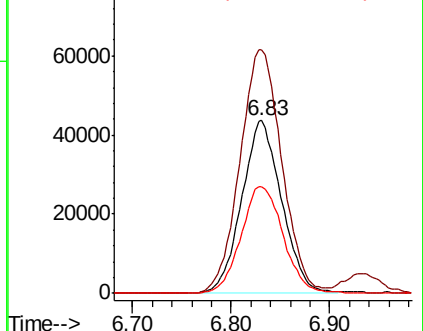
98 65.2 0.0 128.4



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: 19.812 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

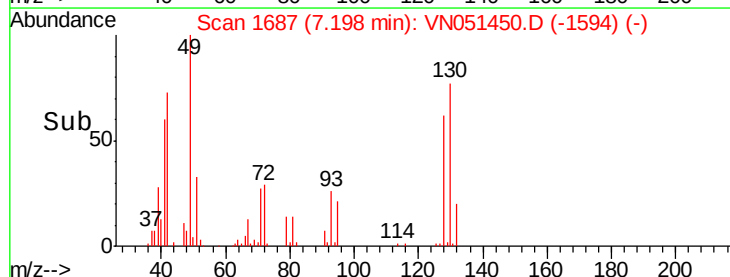
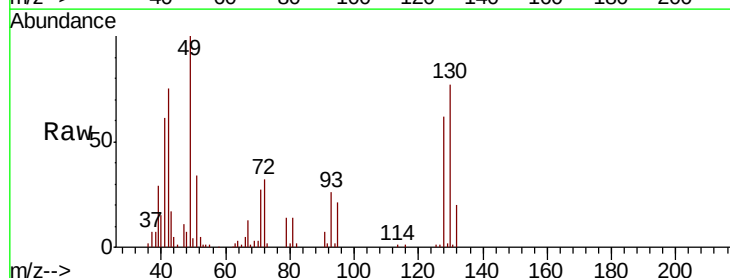
Tgt Ion: 49 Resp: 101058

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

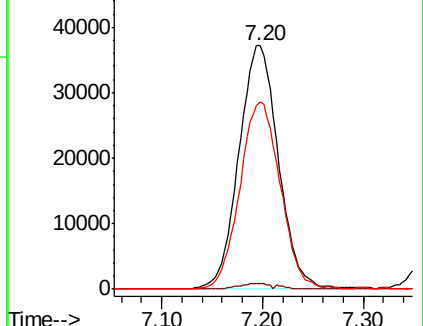
130 78.6 63.0 94.4

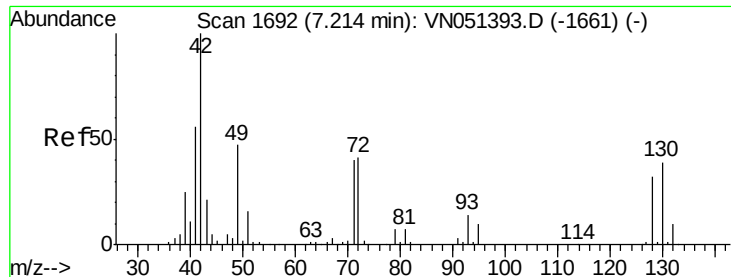


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

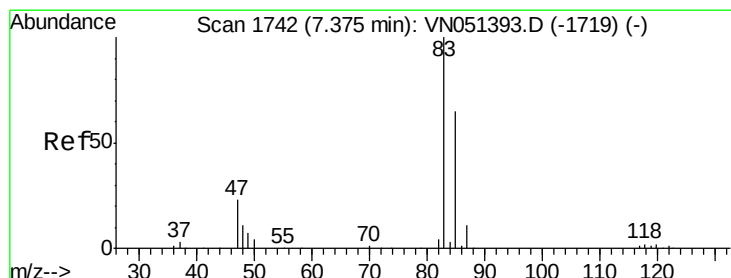
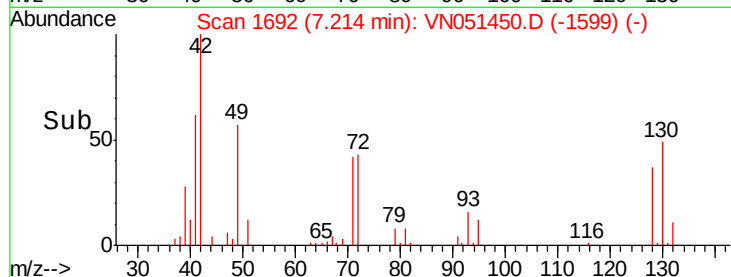
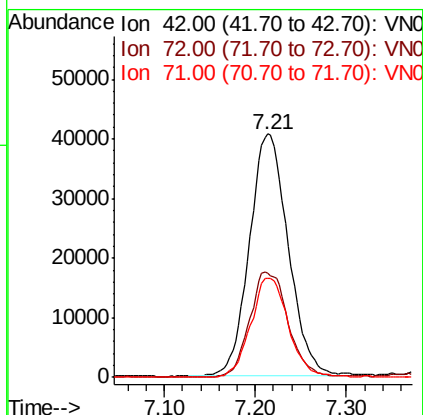
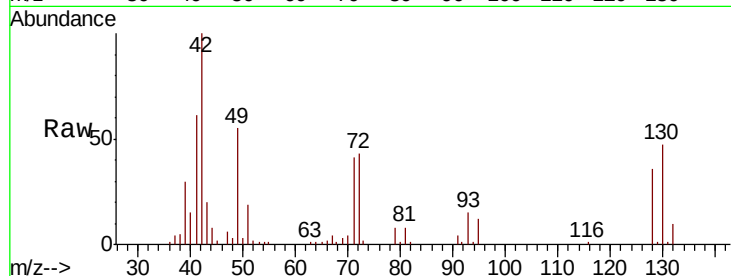




#29
Tetrahydrofuran
Concen: 86.543 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

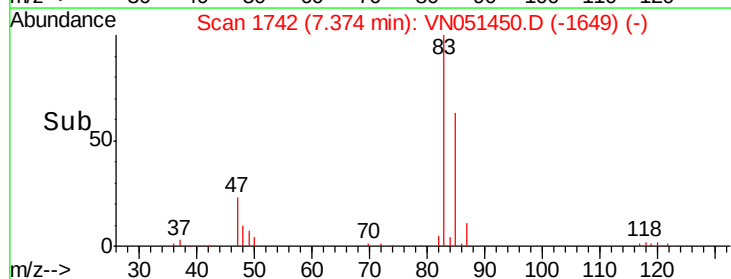
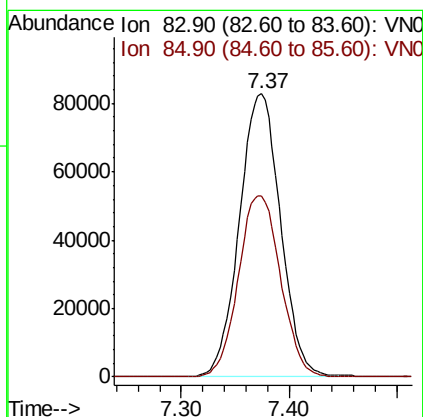
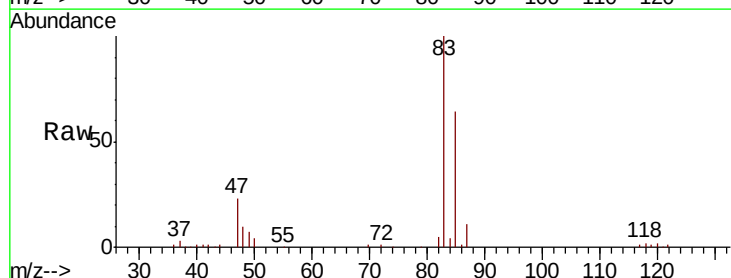
Instrument :
MSVOA_N
ClientSampled :
VN0924MBS01

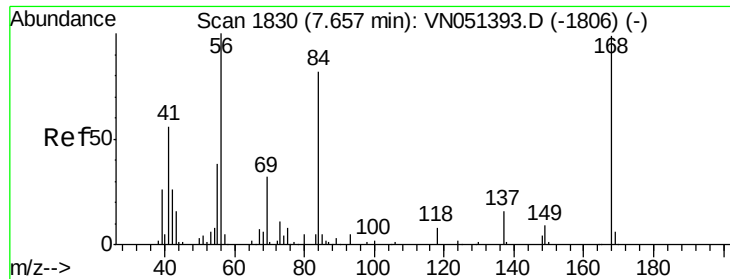
Tot Ion: 42 Resp: 120641
Ion Ratio Lower Upper
42 100
72 43.5 34.3 51.5
71 39.8 32.2 48.4



#30
Chloroform
Concen: 20.062 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 83 Resp: 219570
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6

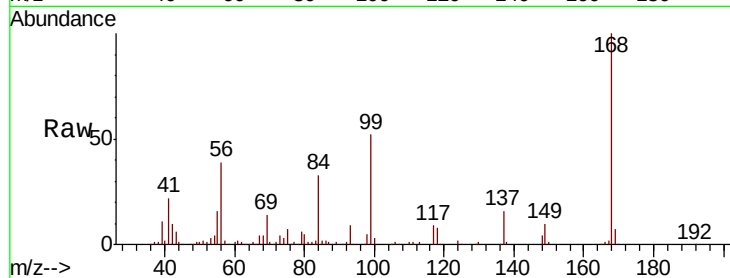




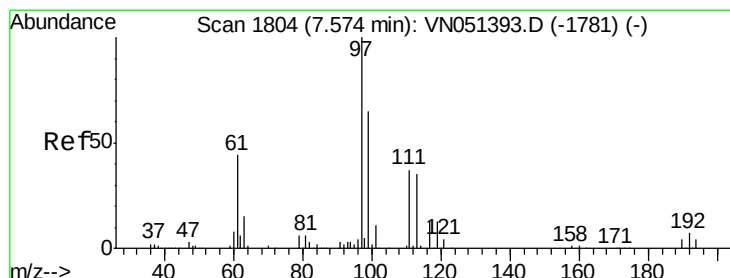
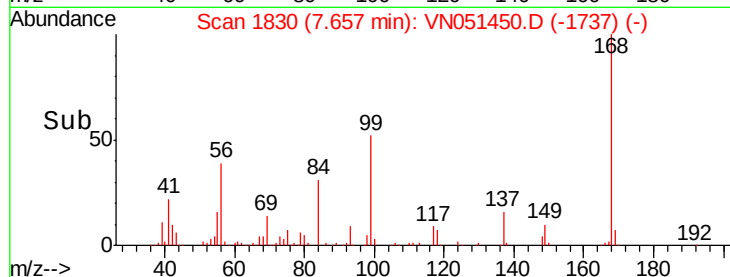
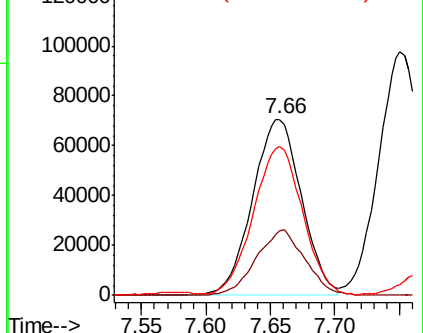
#31
Cyclohexane
Concen: 18.461 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

Tot Ion: 56 Resp: 186826
Ion Ratio Lower Upper
56 100
69 36.7 25.8 38.6
84 82.9 66.0 99.0

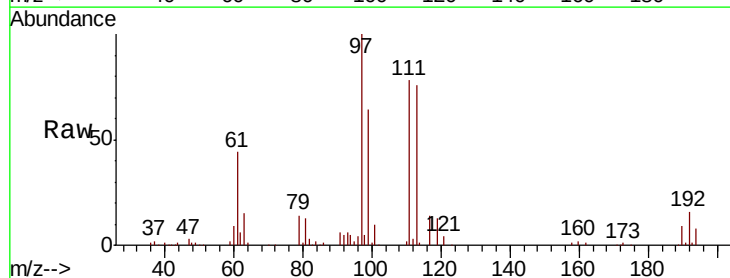


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

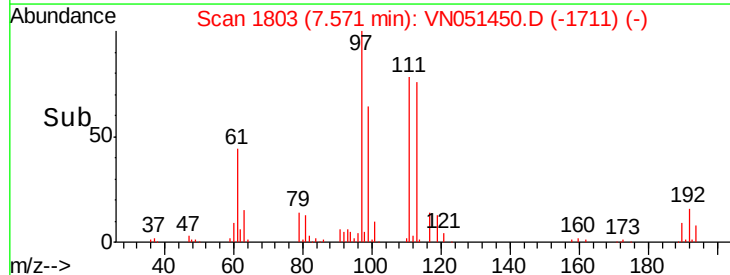
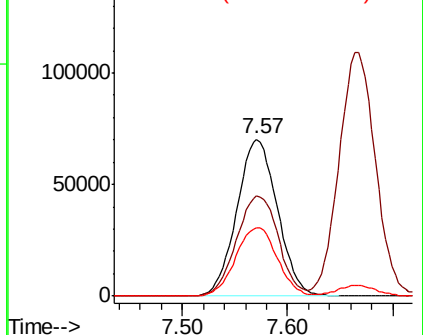


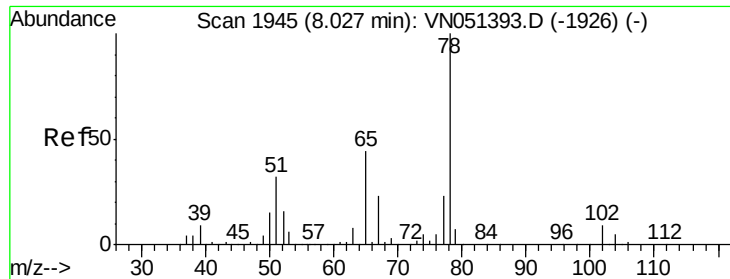
#32
1,1,1-Trichloroethane
Concen: 20.090 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 97 Resp: 187977
Ion Ratio Lower Upper
97 100
99 66.1 51.4 77.0
61 44.8 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

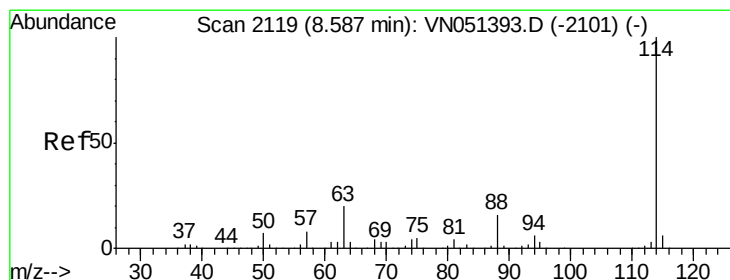
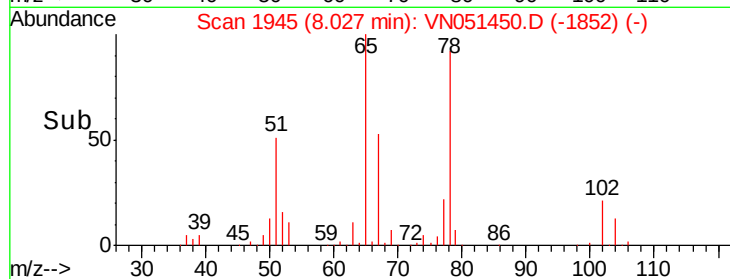
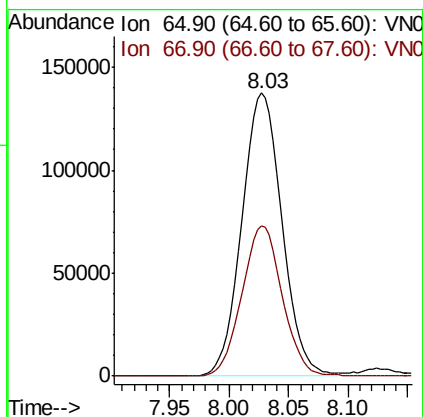
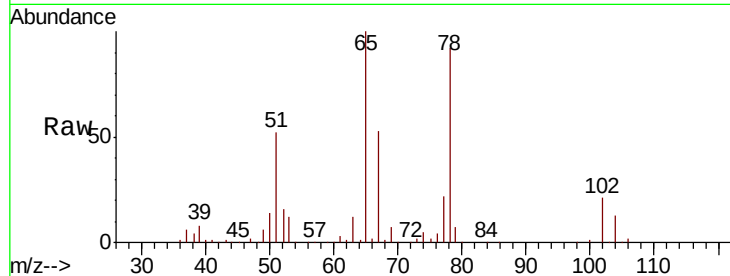




#33
 1,2-Dichloroethane-d4
 Concen: 50.042 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

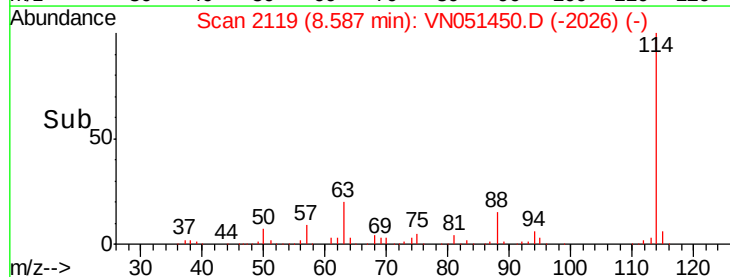
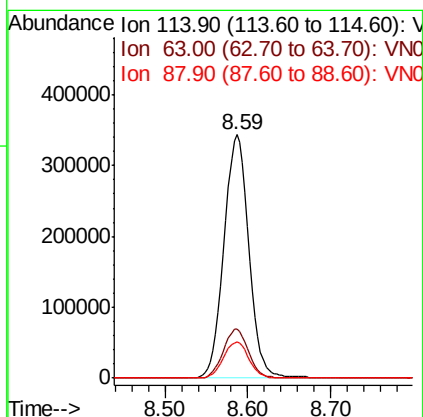
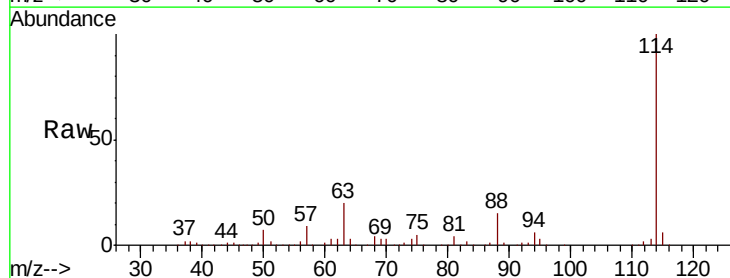
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

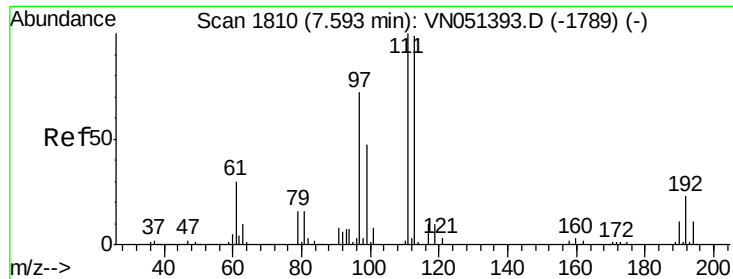
Tot Ion: 65 Resp: 321612
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion: 114 Resp: 716376
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 14.7 0.0 31.4

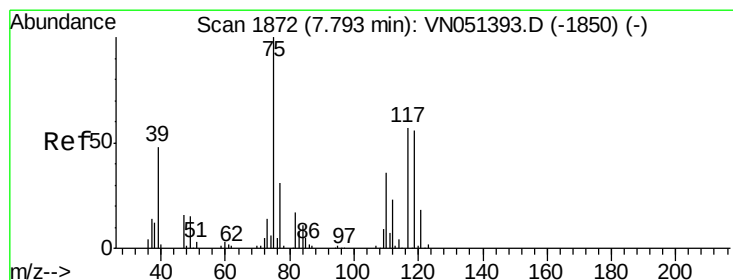
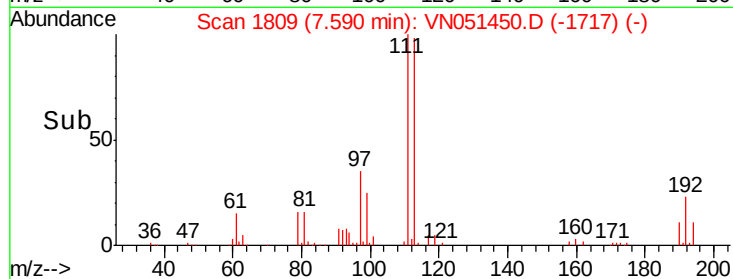
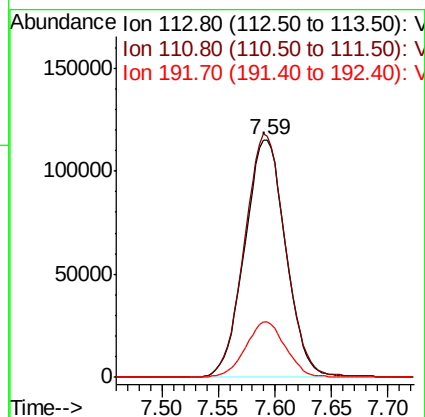
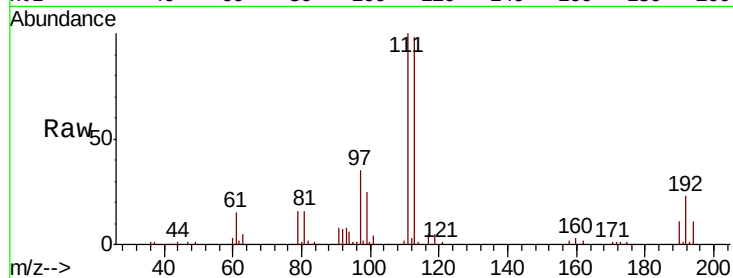




#35
 Dibromofluoromethane
 Concen: 50.850 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

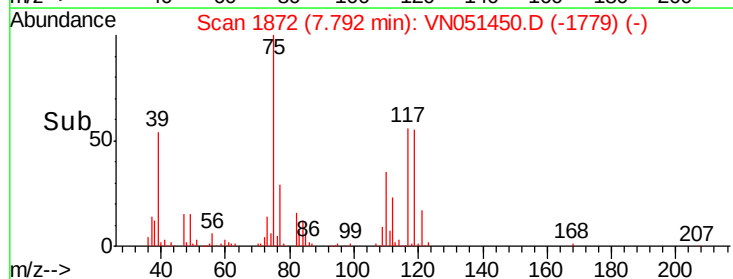
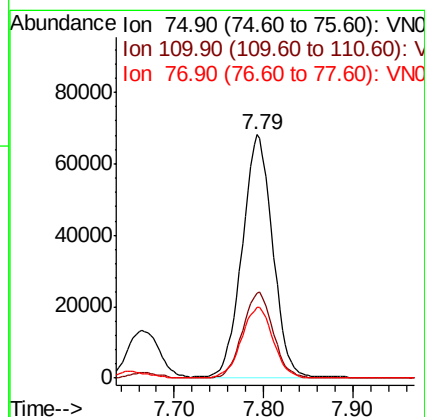
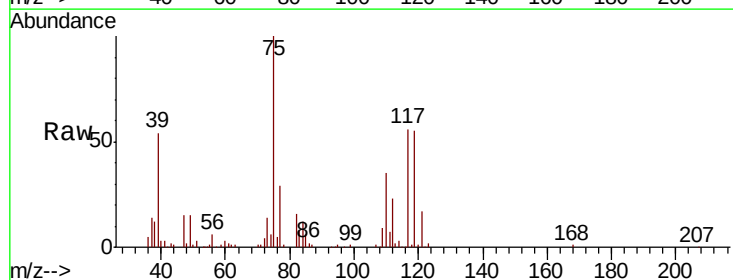
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

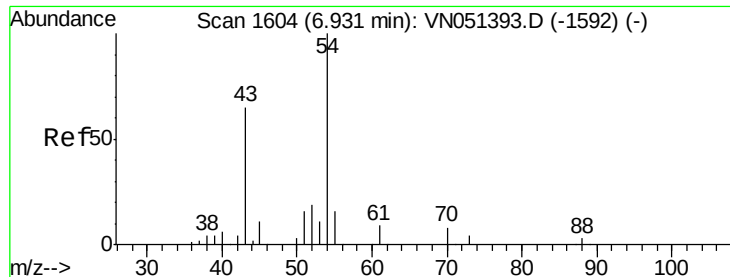
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.6	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 19.345 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.1	54.3
77	30.6	25.6	38.4

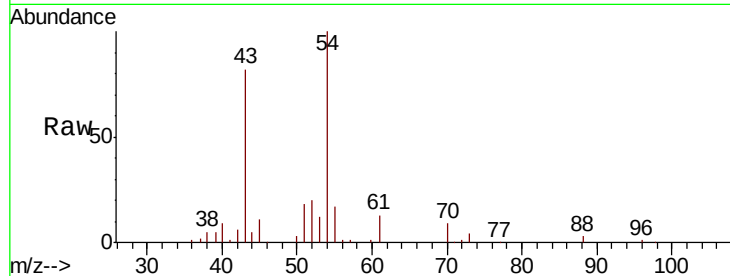




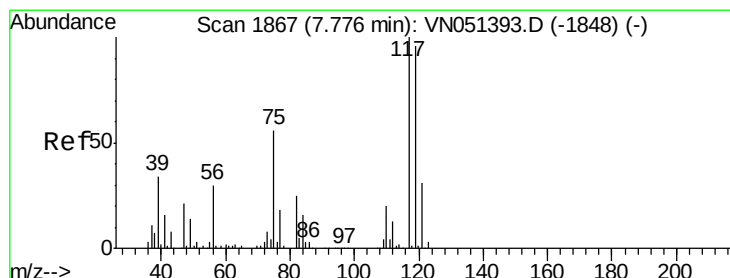
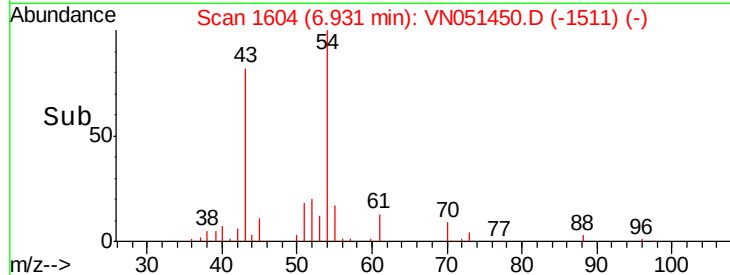
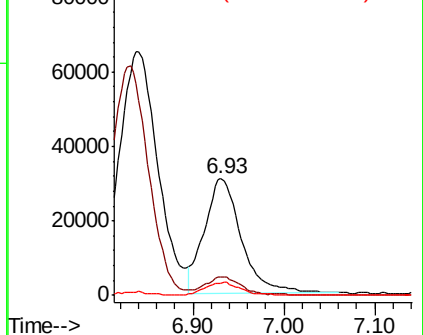
#37
Ethyl Acetate
Concen: 18.413 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Instrument :
MSVOA_N
ClientSampled :
VN0924MBS01

Tot Ion: 43 Resp: 87827
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 10.7 7.9 11.9

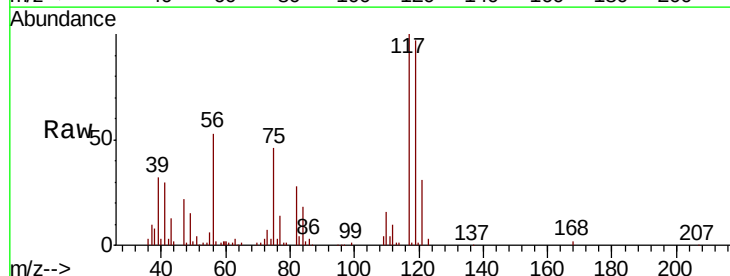


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

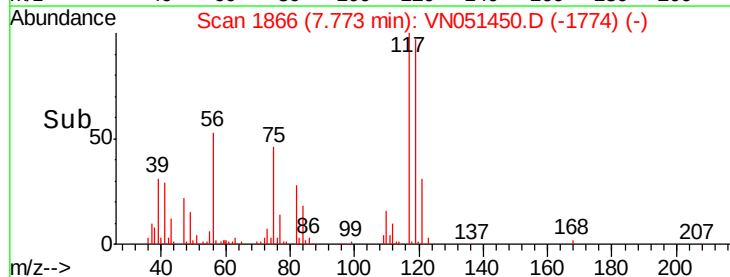
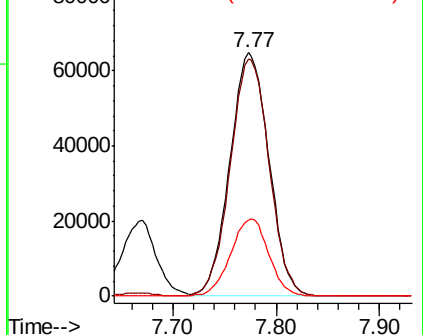


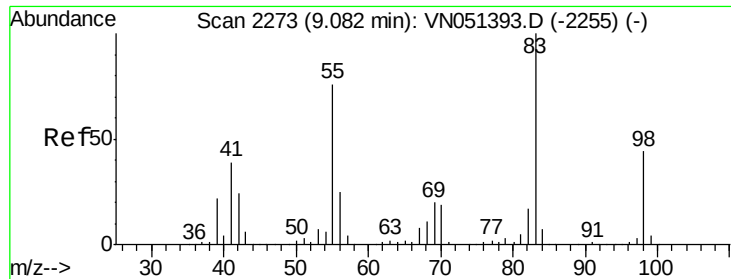
#38
Carbon Tetrachloride
Concen: 19.669 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 117 Resp: 170665
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3
121 31.0 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

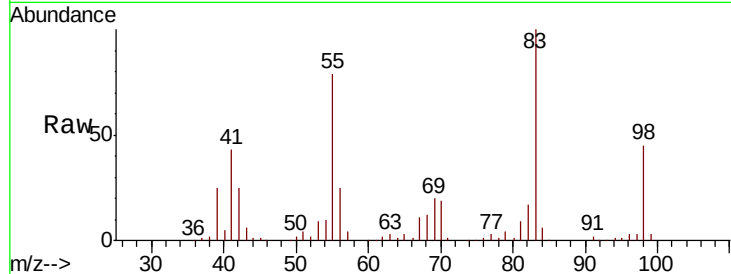




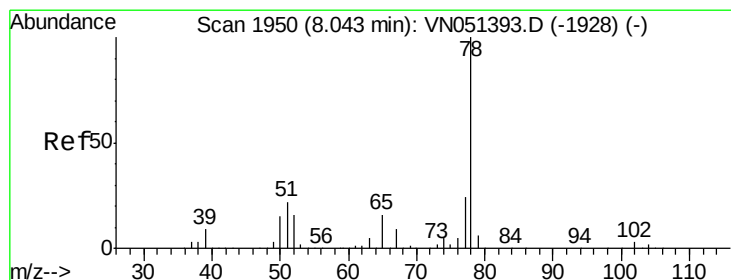
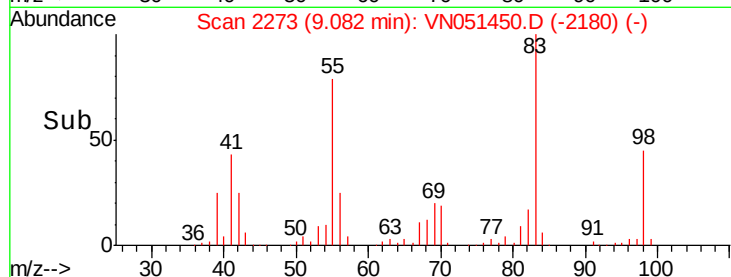
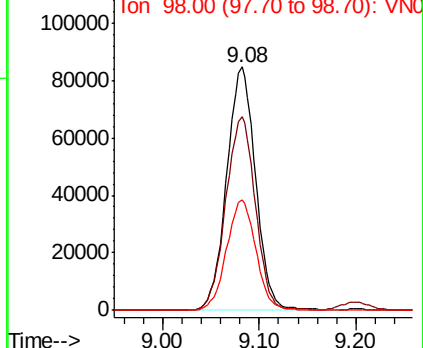
#39
Methylvlcyclohexane
Concen: 18.105 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

Tot Ion: 83 Resp: 175575
Ion Ratio Lower Upper
83 100
55 79.4 61.0 91.4
98 45.4 35.6 53.4

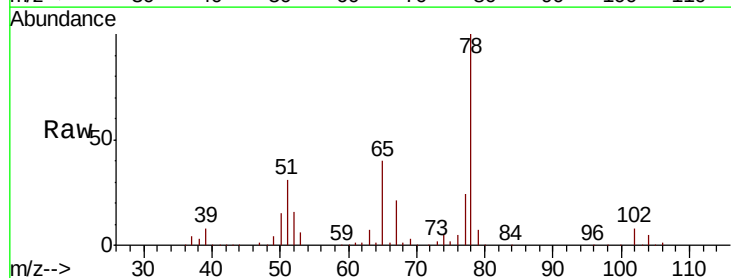


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

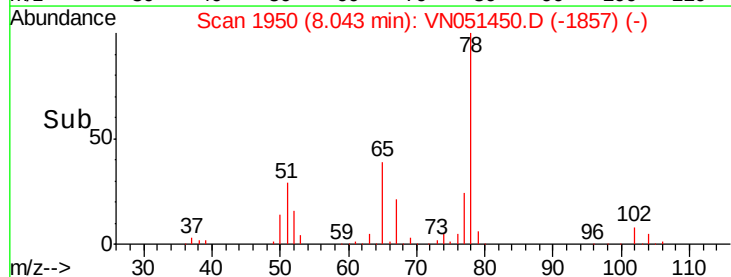
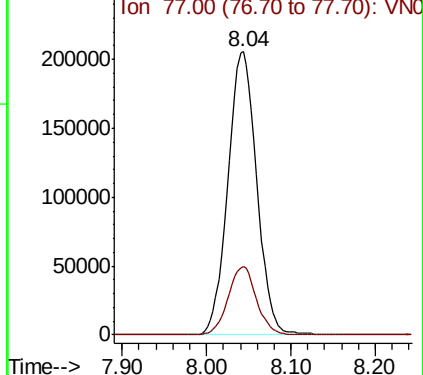


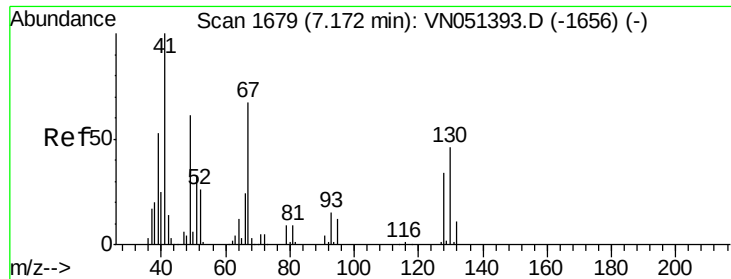
#40
Benzene
Concen: 20.070 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 78 Resp: 488870
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8



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

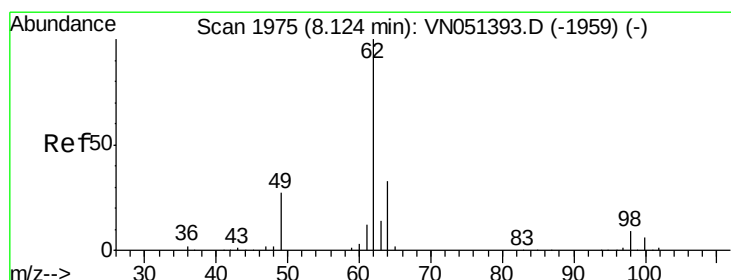
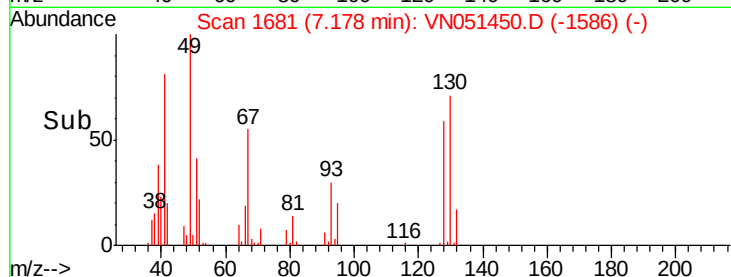
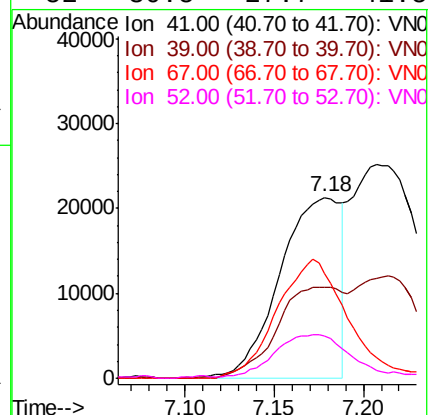
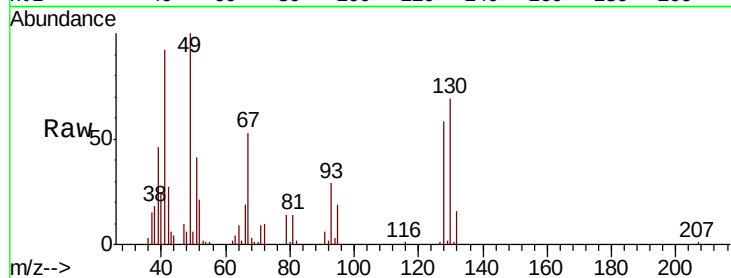




#41
Methacrylonitrile
Concen: 19.177 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

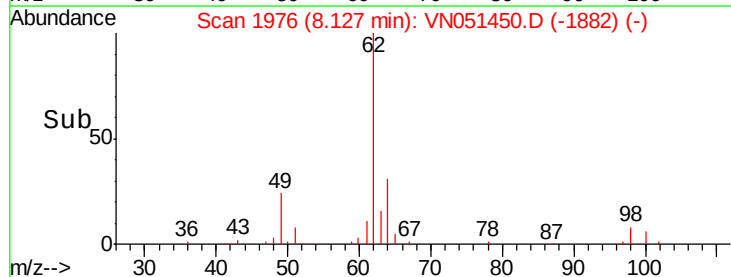
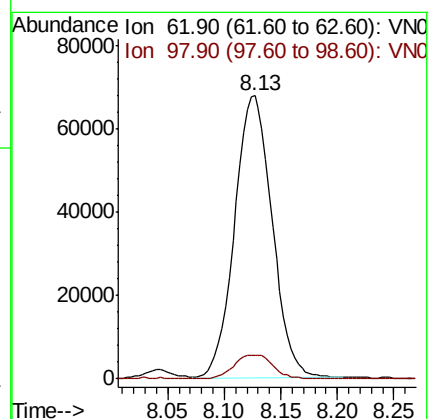
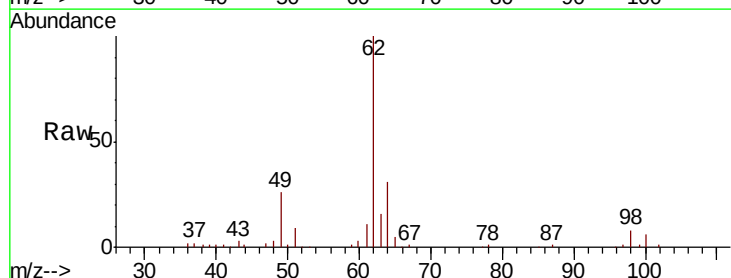
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

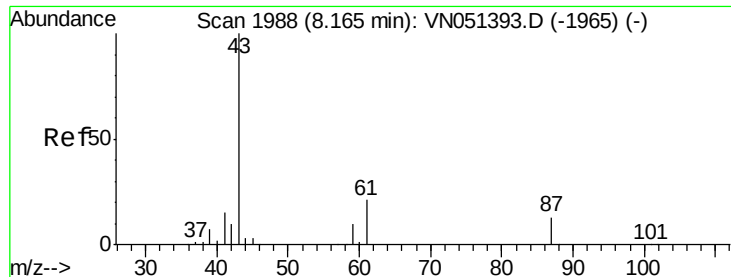
Tot Ion:	41	Resp:	50605
Ion	Ratio	Lower	Upper
41	100		
39	56.2	51.4	77.2
67	76.8	66.8	100.2
52	30.5	27.7	41.5



#42
1,2-Dichloroethane
Concen: 20.097 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion:	62	Resp:	156751
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.267 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBS01

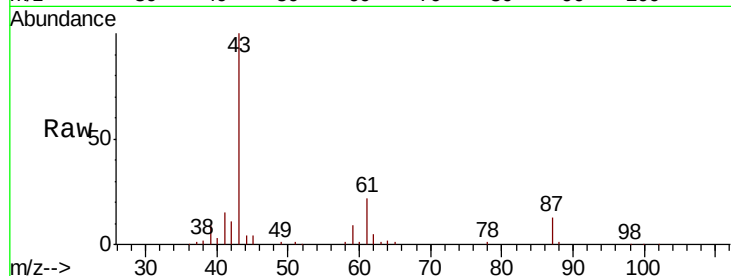
Tot Ion: 43 Resp: 166178

Ion Ratio Lower Upper

43 100

61 28.9 16.8 25.2#

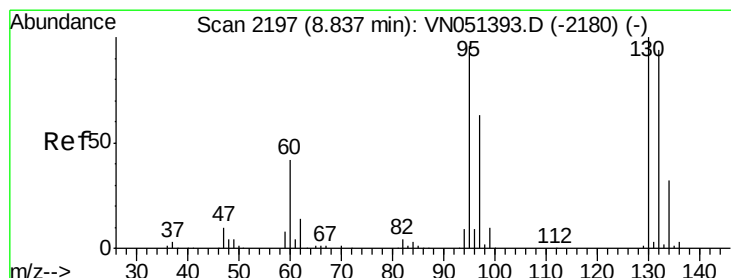
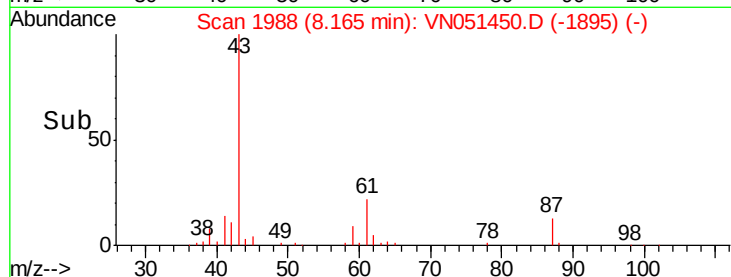
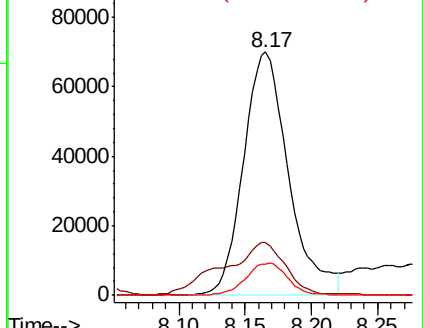
87 12.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051450.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051450.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051450.D (-1965) (-)



#44

Trichloroethene

Concen: 19.582 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051450.D

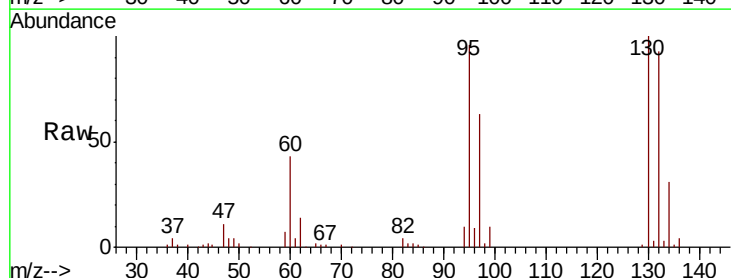
Acq: 24 Sep 2018 10:38

Tgt Ion:130 Resp: 126692

Ion Ratio Lower Upper

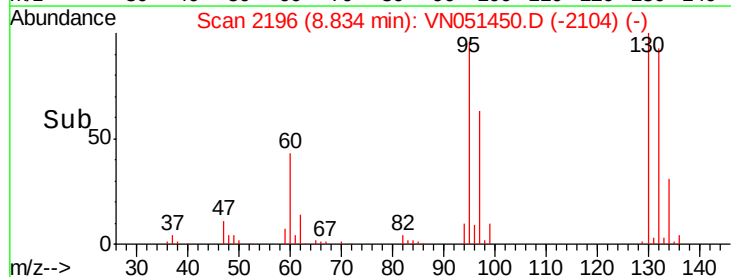
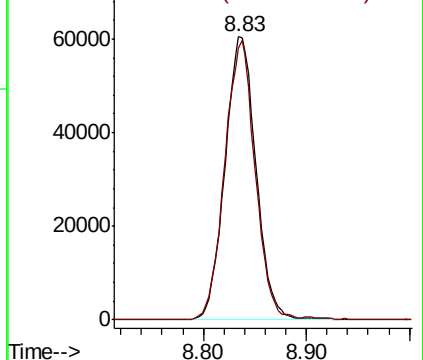
130 100

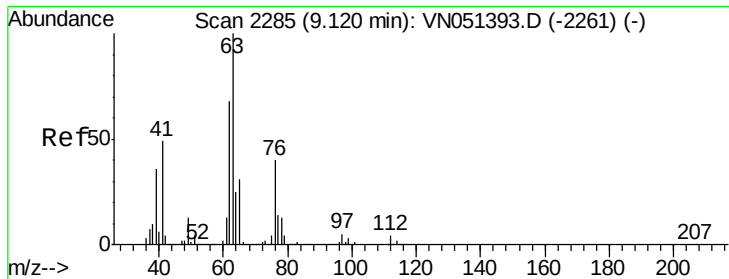
95 95.9 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051450.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN051450.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 20.034 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

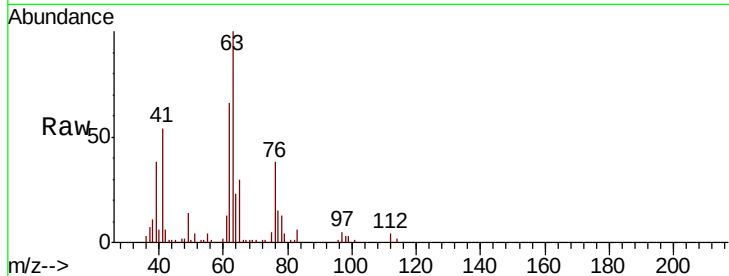
VN0924MBS01

Tot Ion: 63 Resp: 132651

Ion Ratio Lower Upper

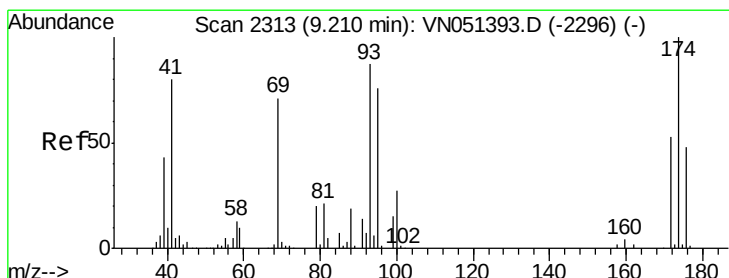
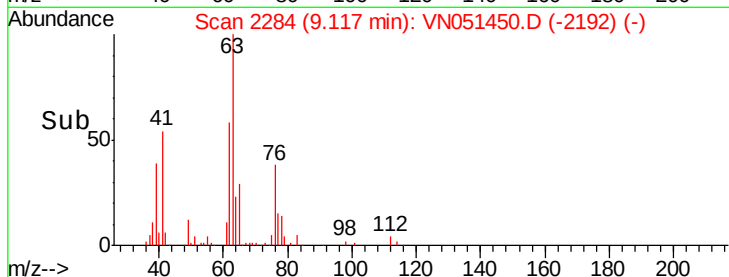
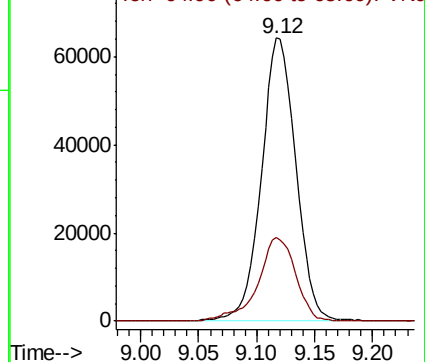
63 100

65 29.6 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.605 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

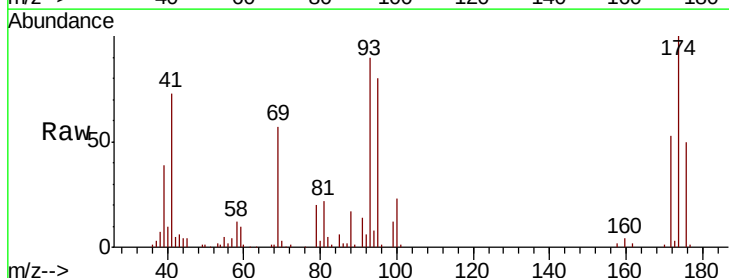
Tgt Ion: 93 Resp: 73347

Ion Ratio Lower Upper

93 100

95 84.8 67.6 101.4

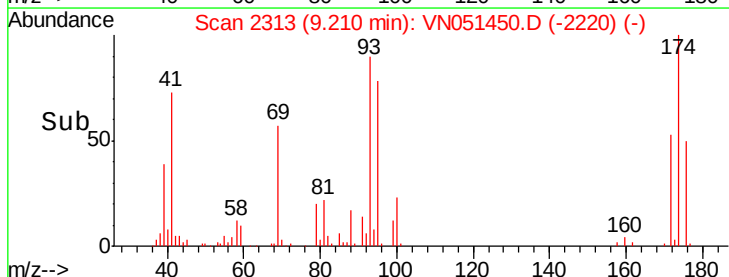
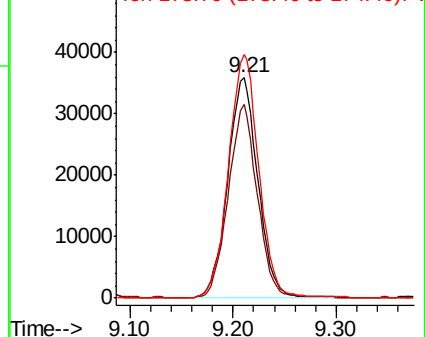
174 110.8 89.6 134.4

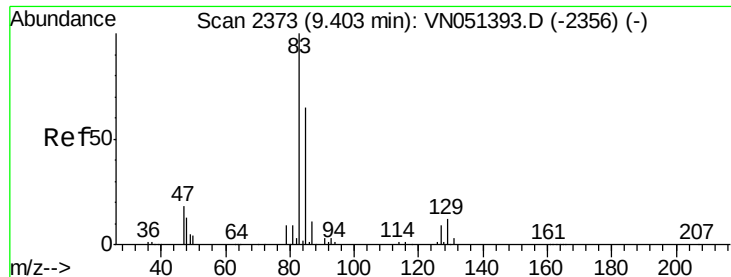


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

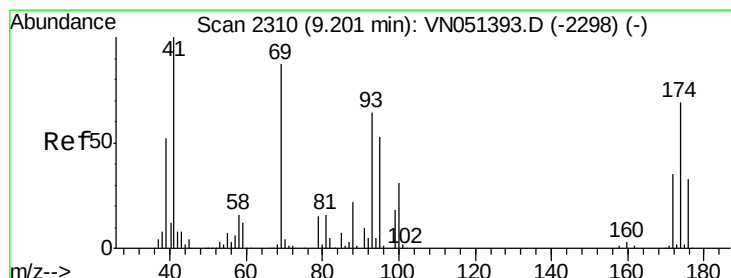
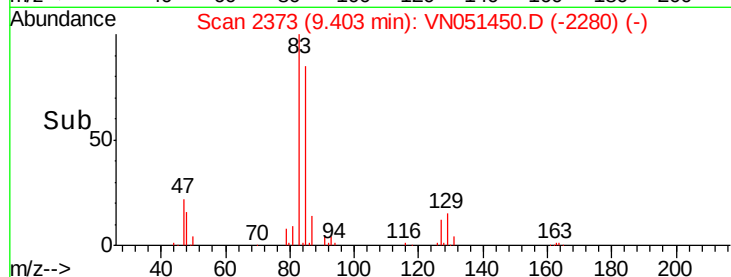
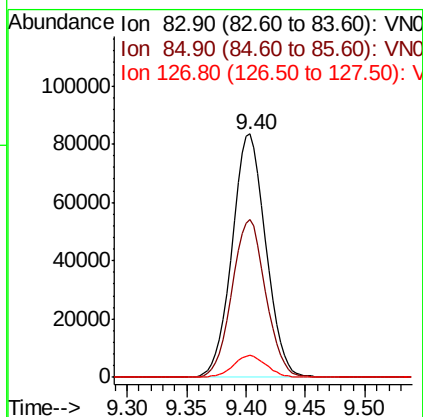
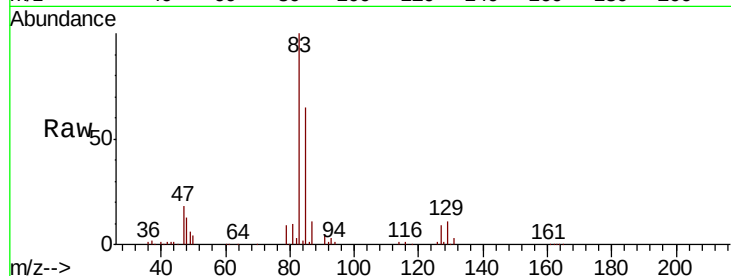




#47
Bromodichloromethane
Concen: 19.818 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

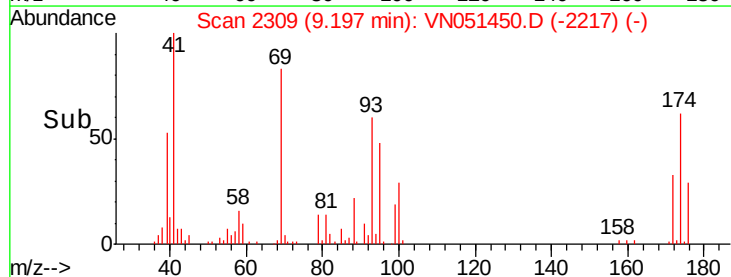
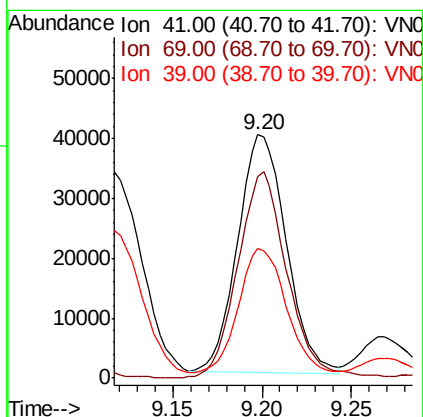
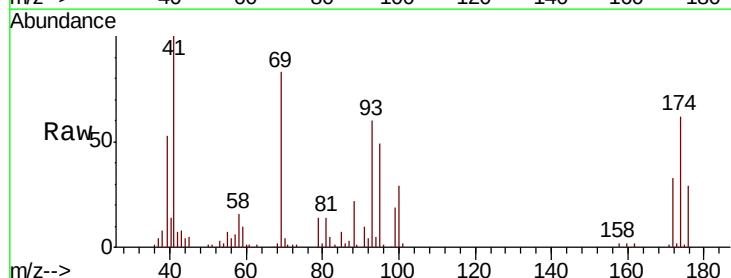
Instrument :
MSVOA_N
ClientSampled :
VN0924MBS01

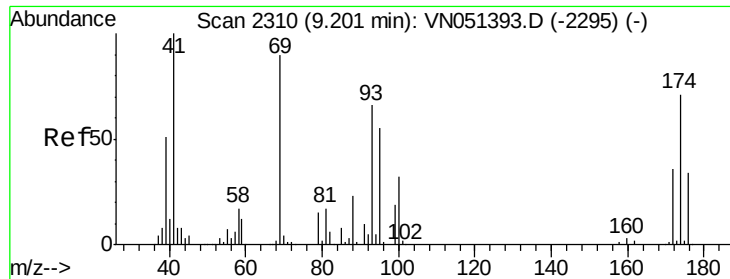
Tot Ion: 83 Resp: 164079
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6
127 9.0 7.4 11.2



#48
Methyl methacrylate
Concen: 17.520 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 41 Resp: 75339
Ion Ratio Lower Upper
41 100
69 88.2 70.4 105.6
39 55.6 43.8 65.8





#49

1,4-Dioxane

Concen: 366.144 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBS01

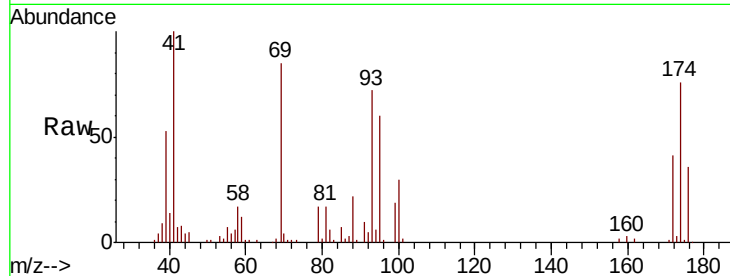
Tot Ion: 88 Resp: 19296

Ion Ratio Lower Upper

88 100

43 33.5 25.9 38.9

58 71.8 57.0 85.4

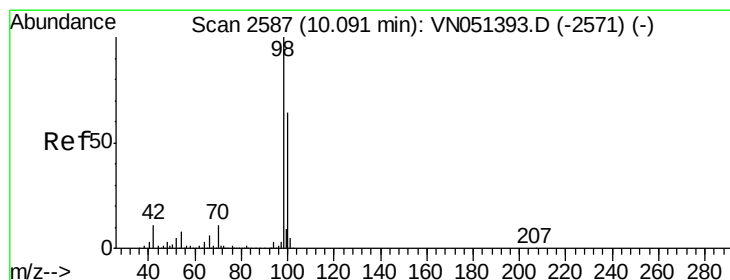
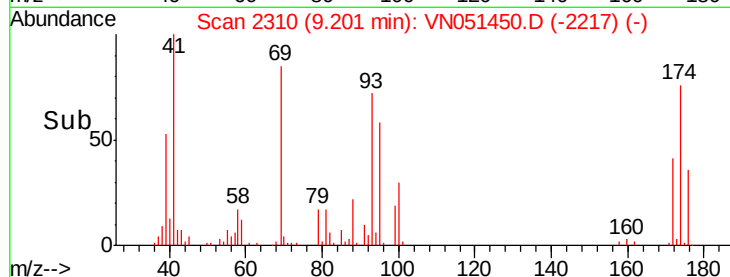
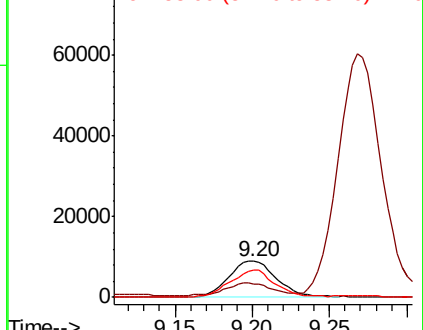


Abundance

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: 49.882 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051450.D

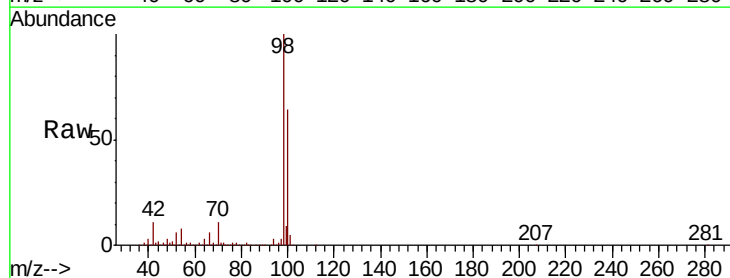
Acq: 24 Sep 2018 10:38

Tgt Ion: 98 Resp: 1076029

Ion Ratio Lower Upper

98 100

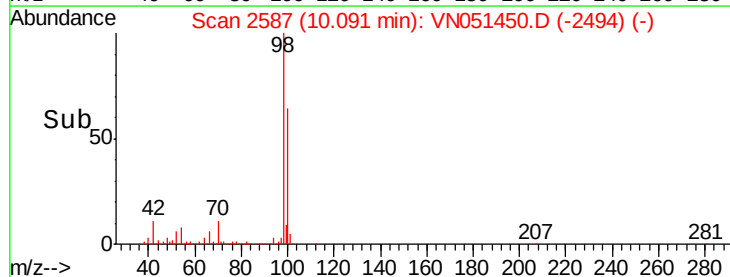
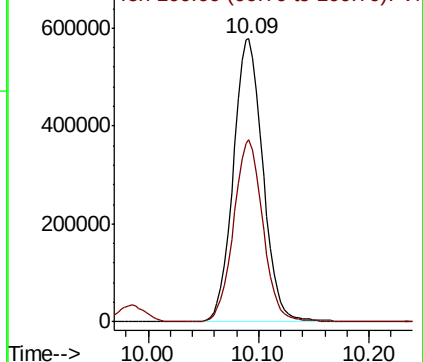
100 63.5 50.6 75.8

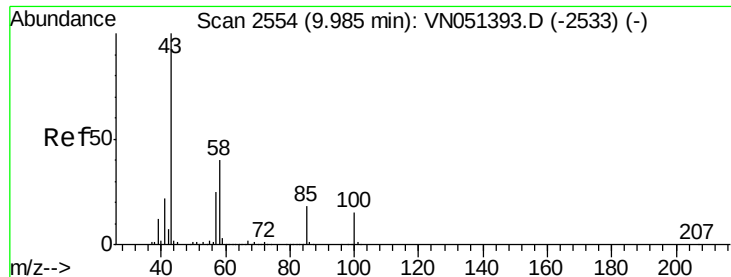


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 88.759 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampled :

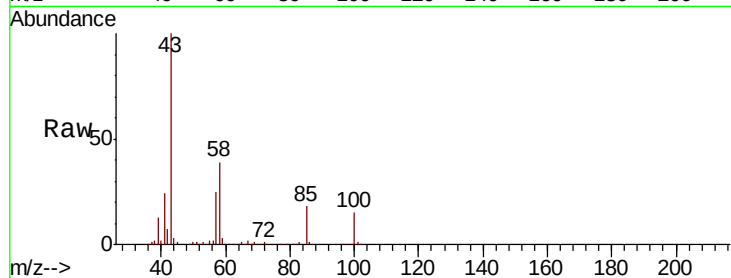
VN0924MBS01

Tot Ion: 43 Resp: 421025

Ion Ratio Lower Upper

43 100

58 39.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2533) (-)

250000

200000

150000

100000

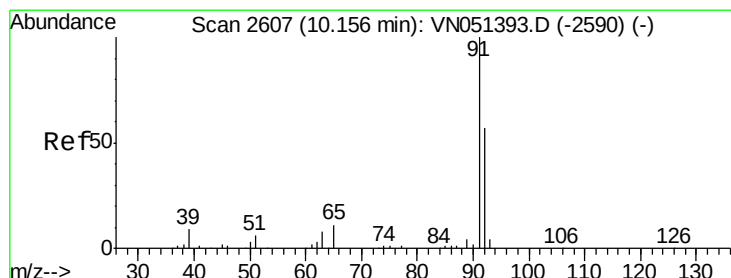
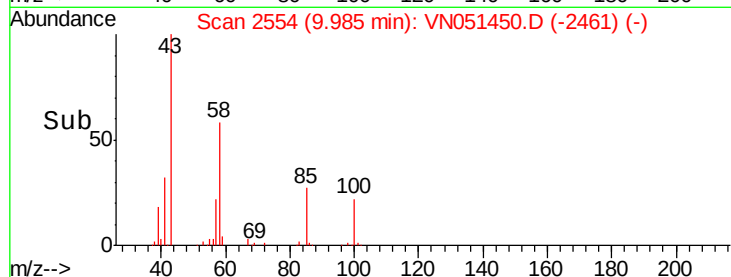
50000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 19.736 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051450.D

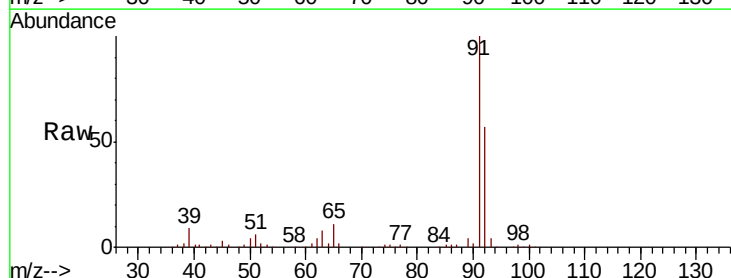
Acq: 24 Sep 2018 10:38

Tgt Ion: 92 Resp: 298765

Ion Ratio Lower Upper

92 100

91 173.3 142.2 213.4



Abundance Ion 92.00 (91.70 to 92.70): VN051393.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051393.D (-2590) (-)

300000

250000

200000

150000

100000

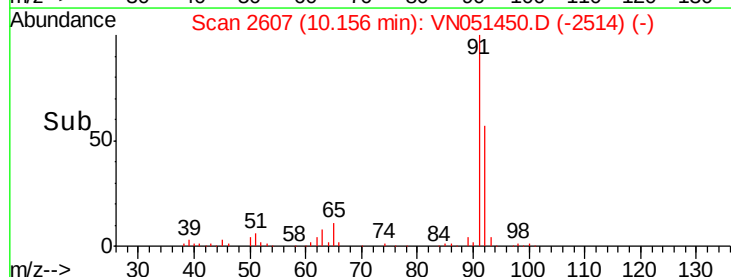
50000

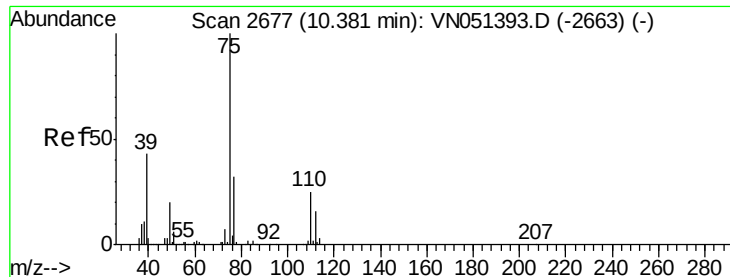
0

10.10

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.262 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

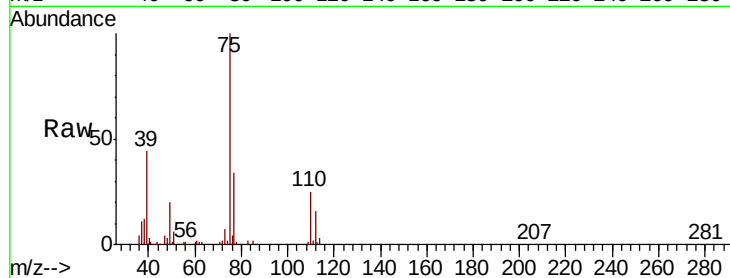
VN0924MBS01

Tot Ion: 75 Resp: 152645

Ion Ratio Lower Upper

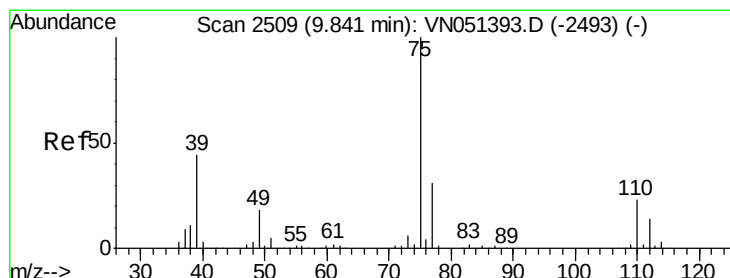
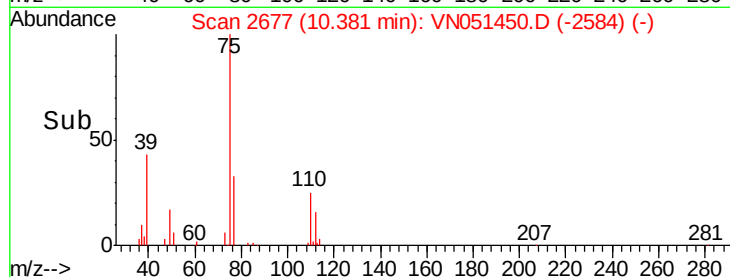
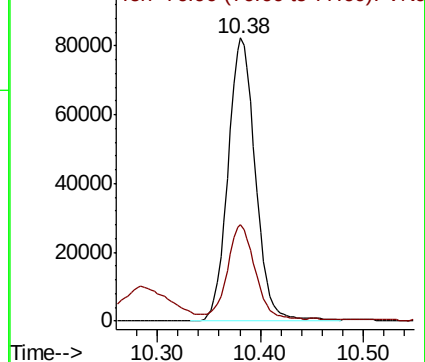
75 100

77 33.4 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.093 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

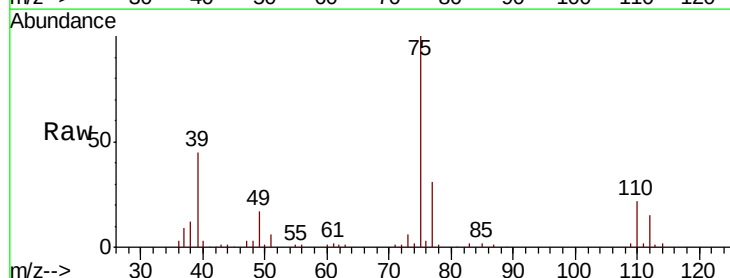
Tgt Ion: 75 Resp: 185075

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

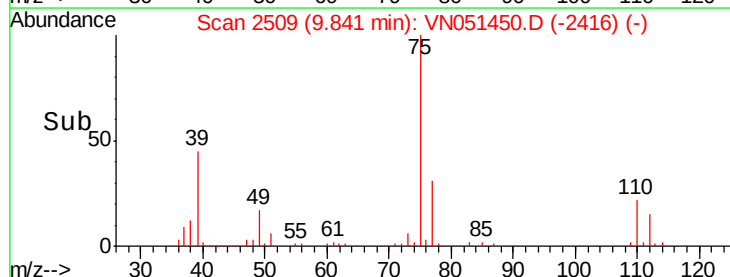
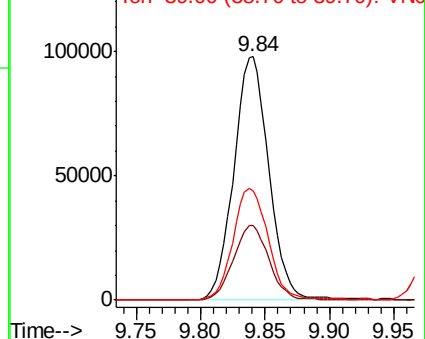
39 44.5 35.4 53.2

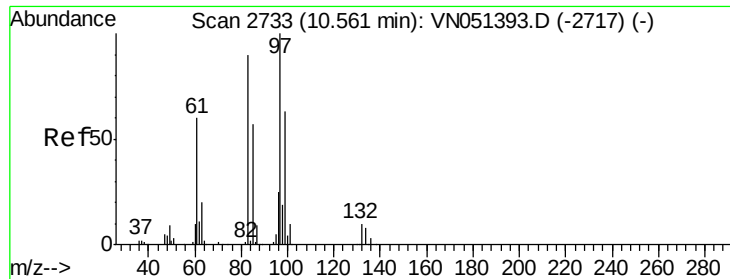


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

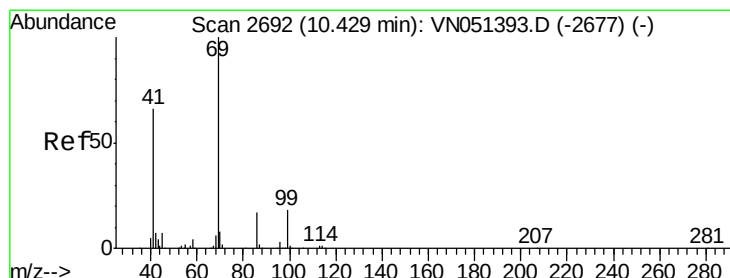
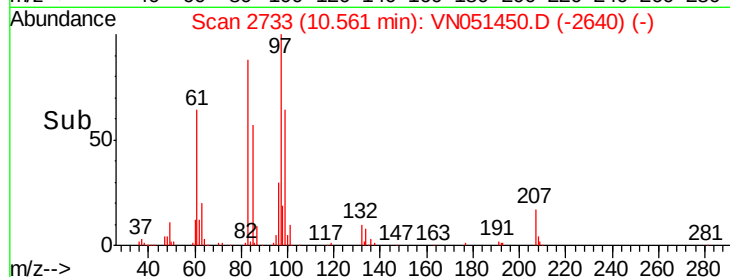
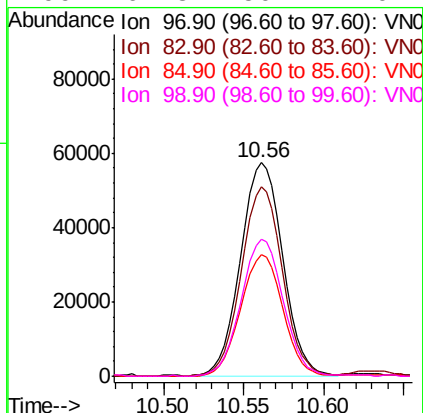
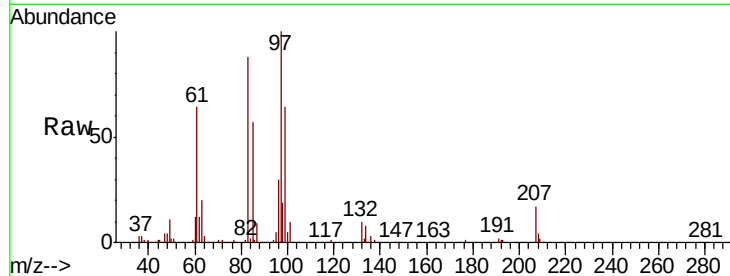




#55
 1,1,2-Trichloroethane
 Concen: 19.462 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

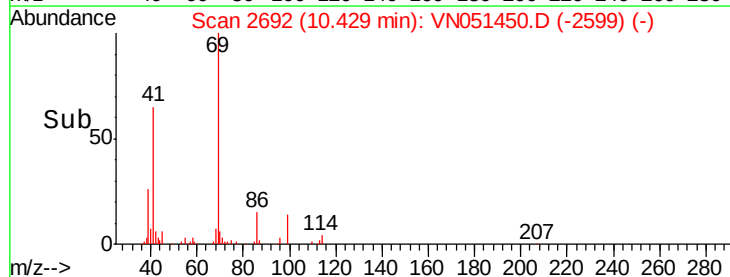
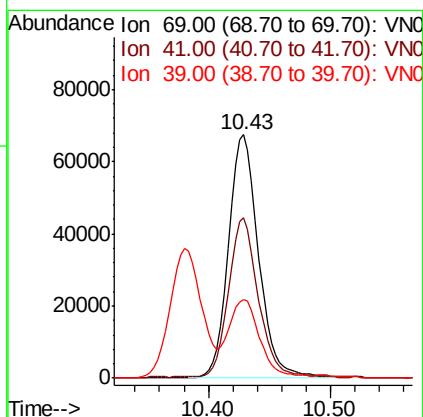
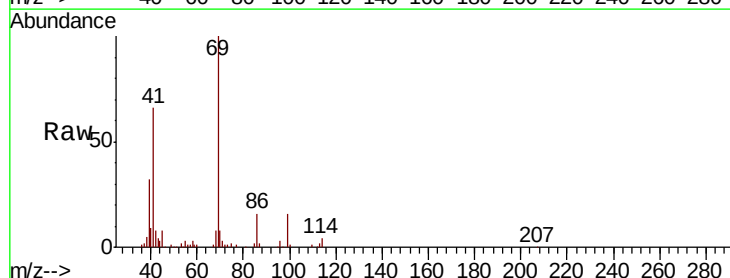
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

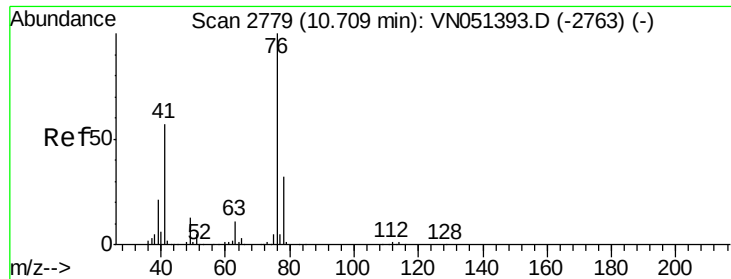
Tot Ion:	97	Resp:	104121
Ion	Ratio	Lower	Upper
97	100		
83	88.4	72.0	108.0
85	56.7	45.2	67.8
99	64.3	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 17.831 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion:	69	Resp:	116631
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.4	78.6
39	32.8	26.3	39.5





#57

1,3-Dichloropropane

Concen: 19.449 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampled :

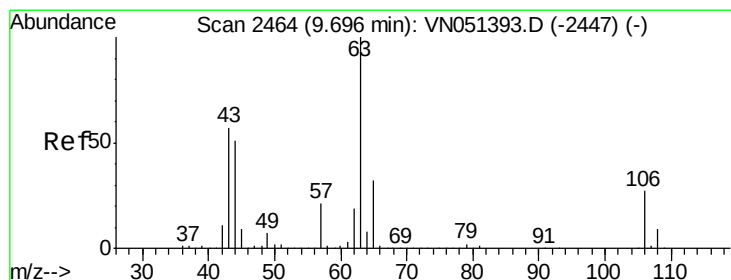
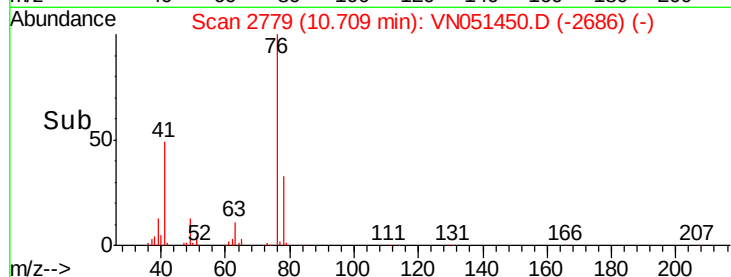
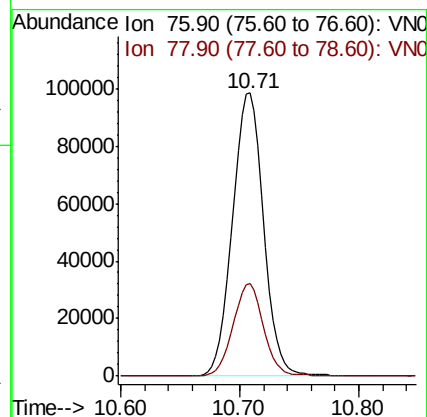
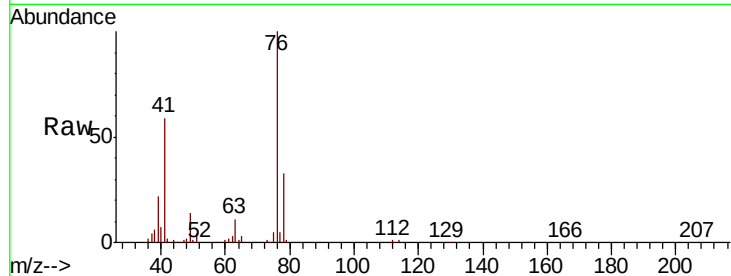
VN0924MBS01

Tot Ion: 76 Resp: 178340

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 94.910 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051450.D

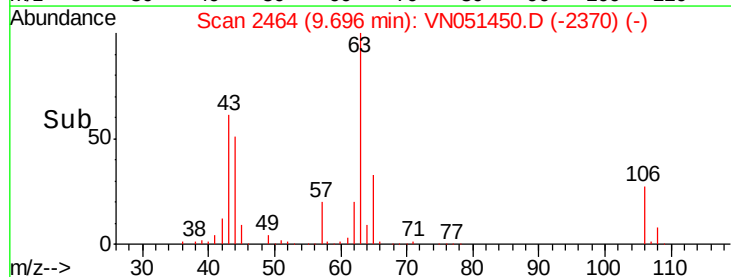
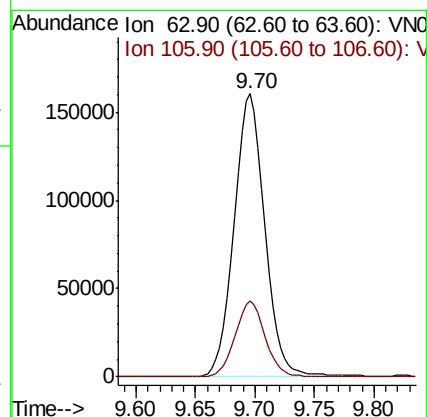
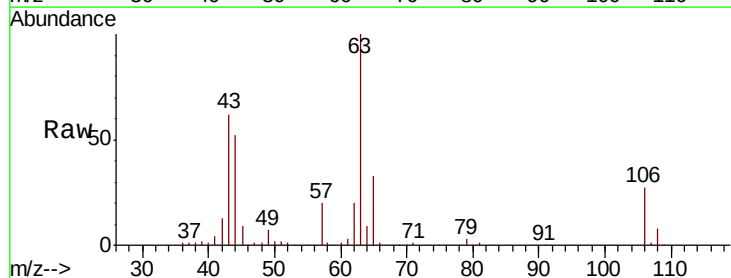
Acq: 24 Sep 2018 10:38

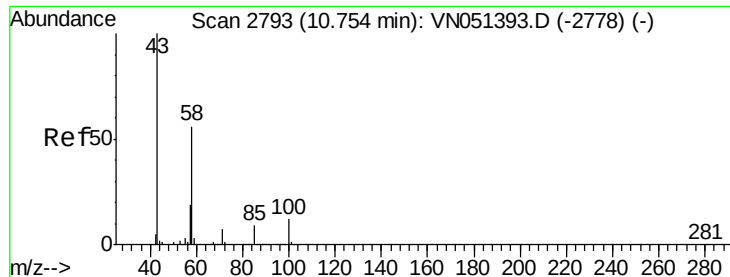
Tgt Ion: 63 Resp: 287266

Ion Ratio Lower Upper

63 100

106 26.3 21.4 32.2

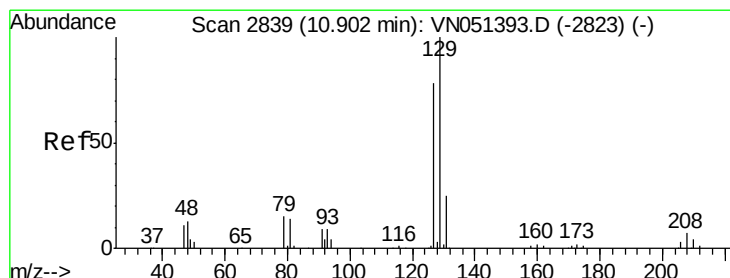
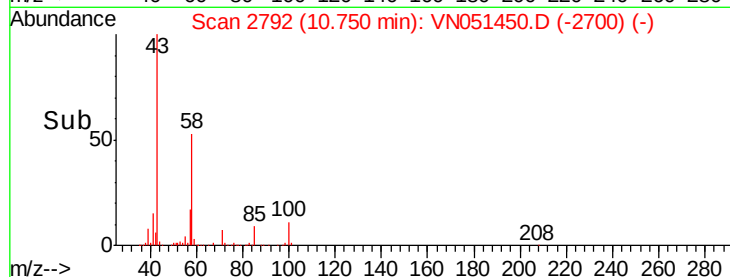
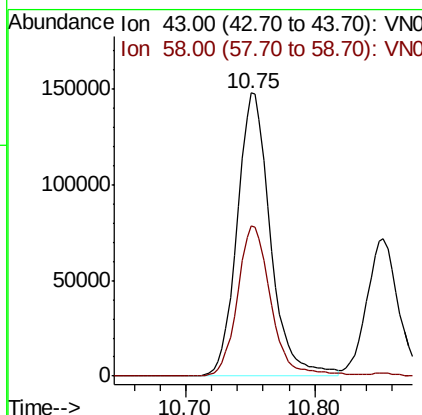
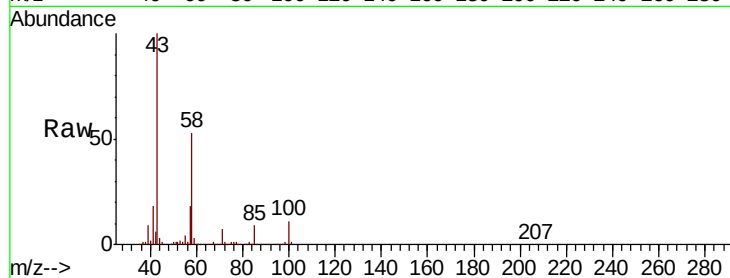




#59
2-Hexanone
Concen: 85.931 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

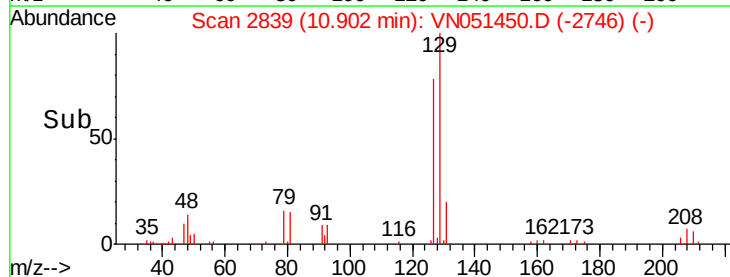
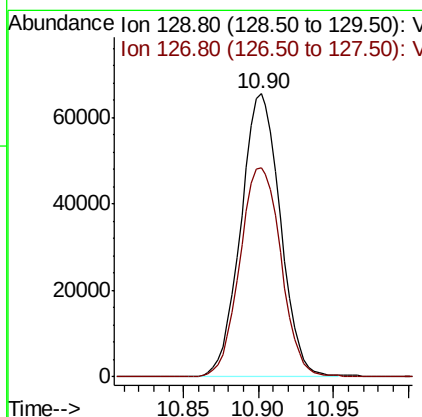
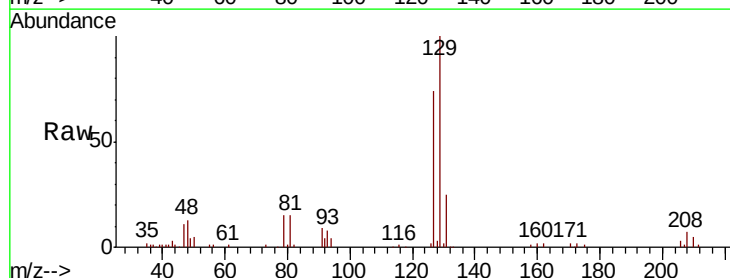
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

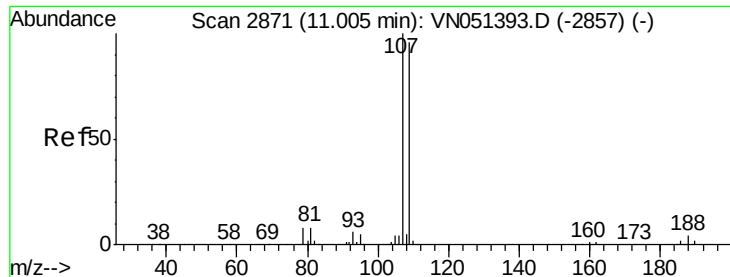
Tot Ion: 43 Resp: 264236
Ion Ratio Lower Upper
43 100
58 53.5 27.7 83.0



#60
Dibromochloromethane
Concen: 19.086 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 129 Resp: 120473
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.786 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

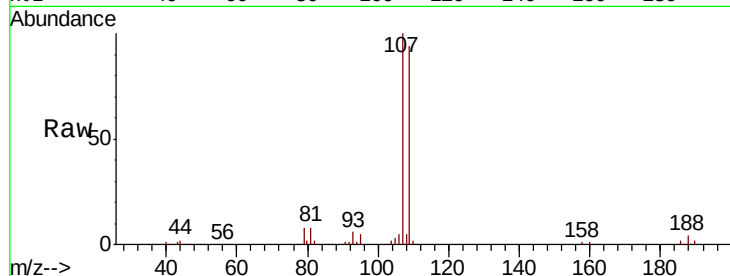
VN0924MBS01

Tot Ion:107 Resp: 97565

Ion Ratio Lower Upper

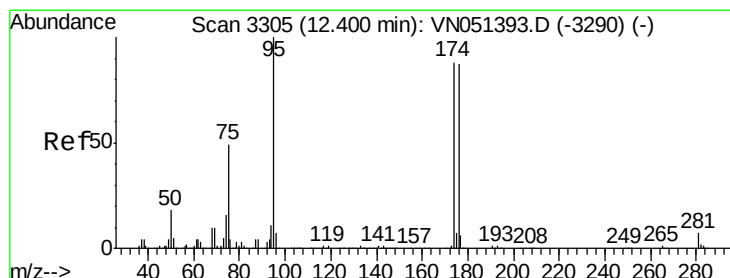
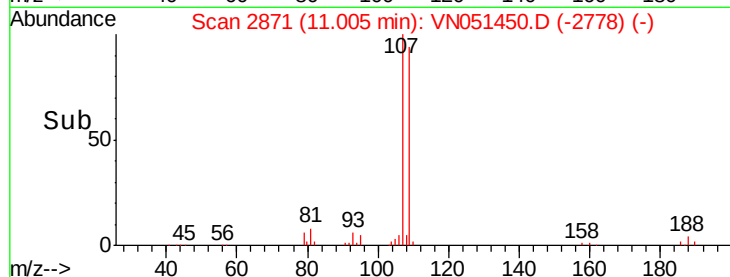
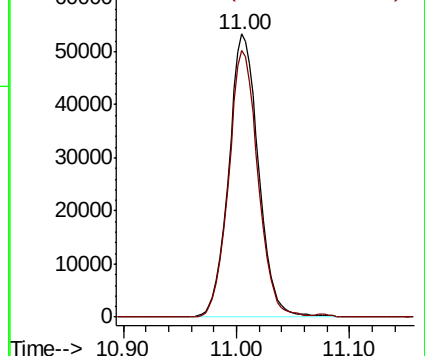
107 100

109 92.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.927 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

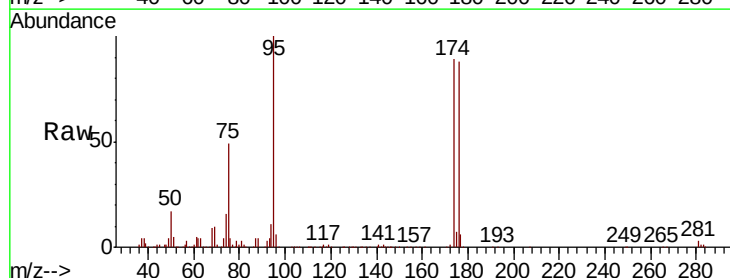
Tgt Ion: 95 Resp: 334451

Ion Ratio Lower Upper

95 100

174 89.1 0.0 181.6

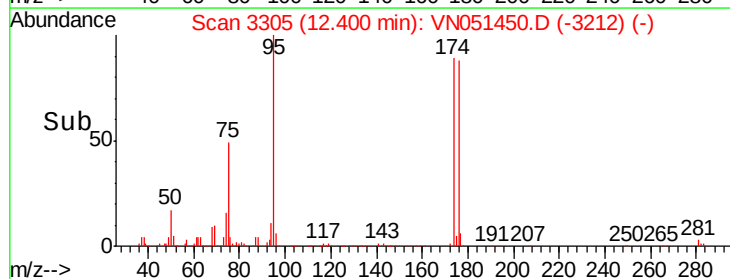
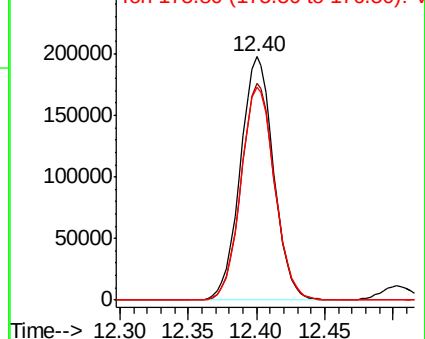
176 88.7 0.0 176.4

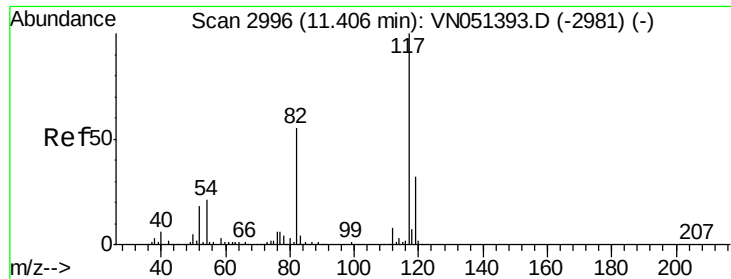


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

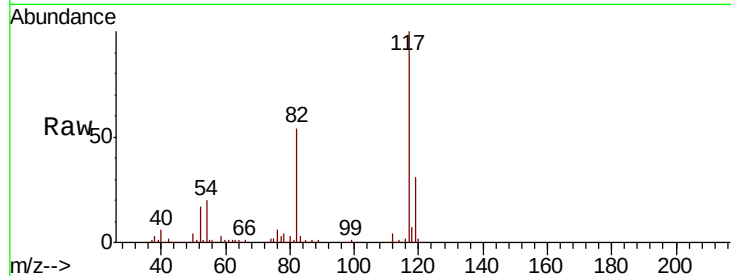




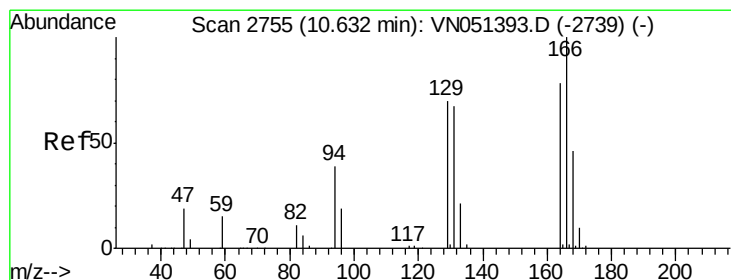
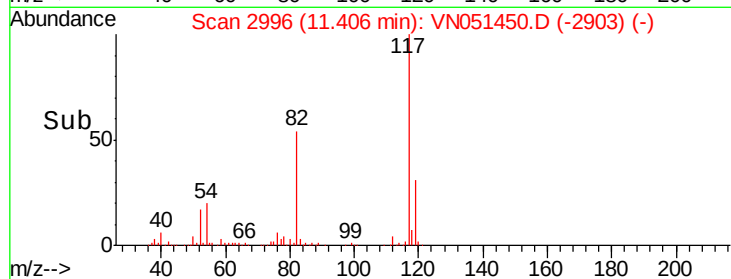
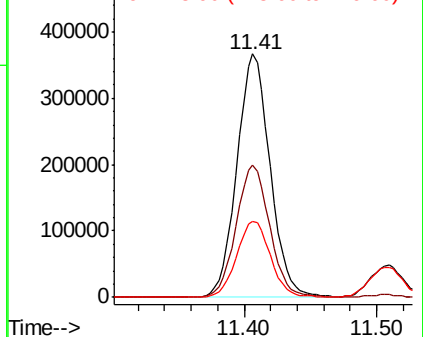
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

Tot Ion:117 Resp: 636928
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.3 25.9 38.9

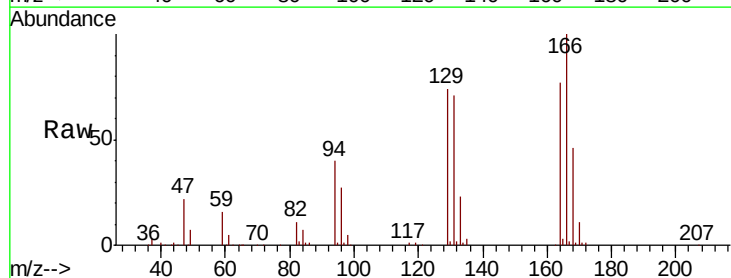


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

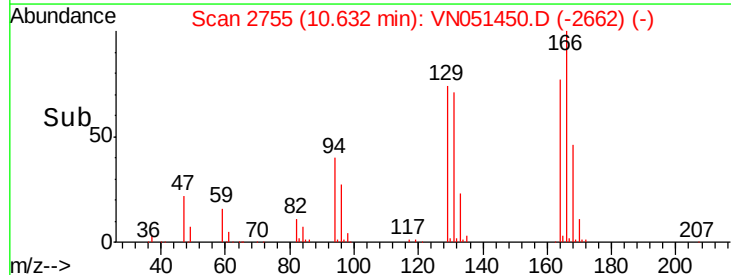
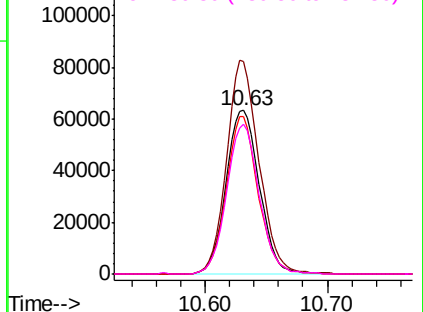


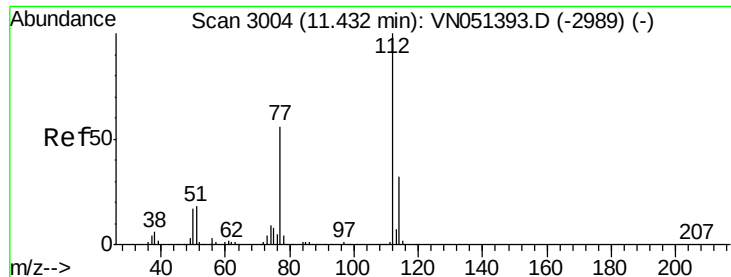
#64
Tetrachloroethene
Concen: 20.947 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion:164 Resp: 121083
Ion Ratio Lower Upper
164 100
166 130.0 102.3 153.5
129 96.7 71.8 107.8
131 91.9 68.6 102.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

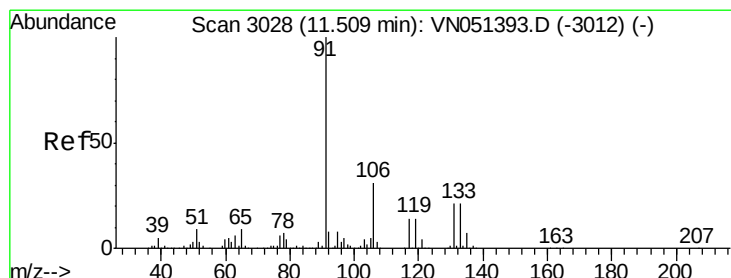
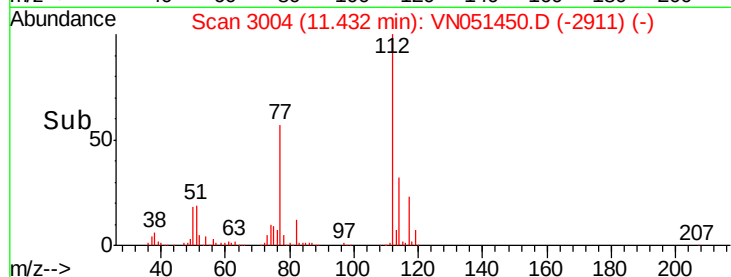
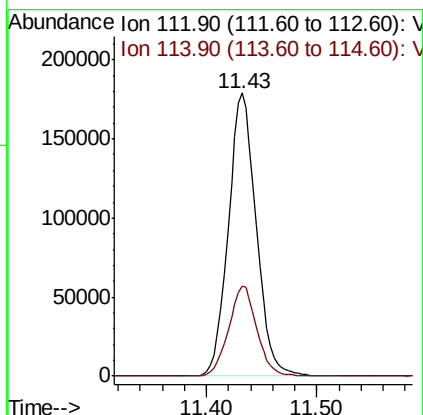
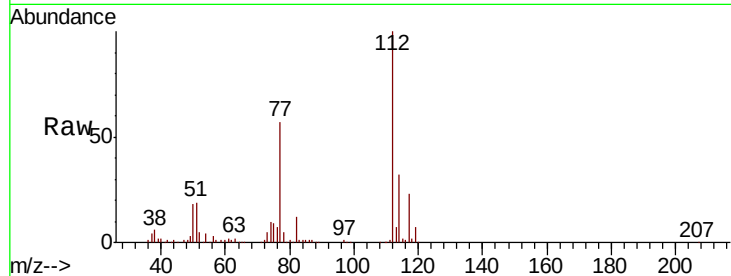




#65
Chlorobenzene
Concen: 19.138 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

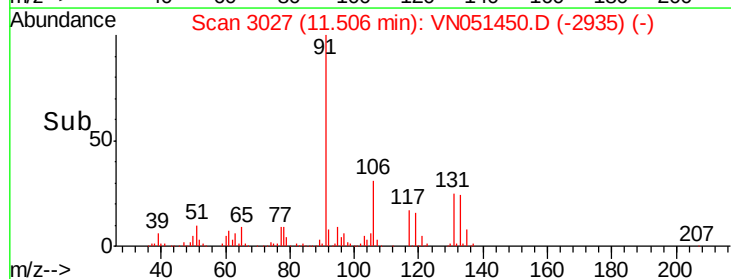
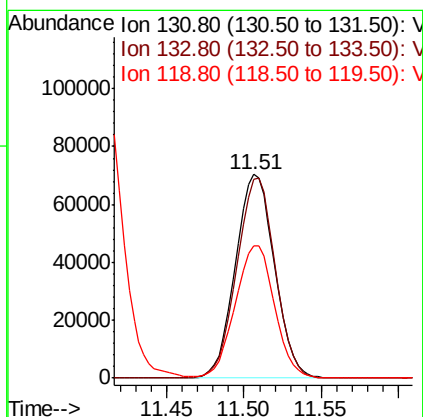
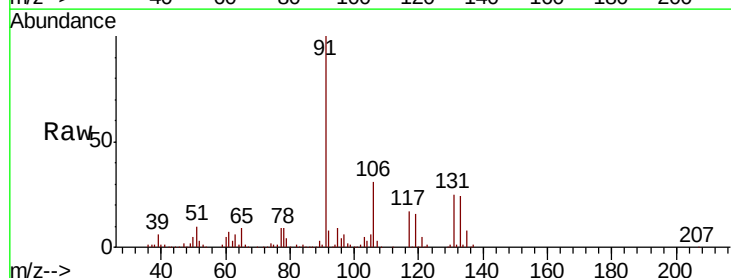
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

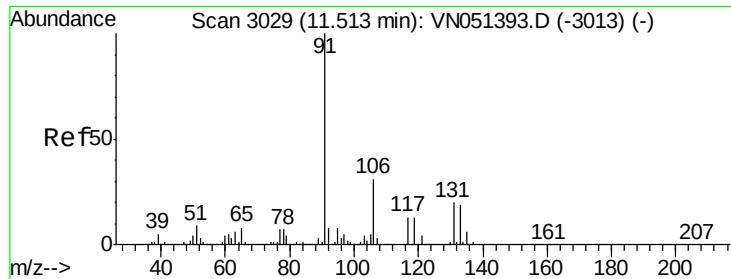
Tot Ion:112 Resp: 312739
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.833 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion:131 Resp: 123478
Ion Ratio Lower Upper
131 100
133 96.7 48.3 144.8
119 65.7 32.8 98.4

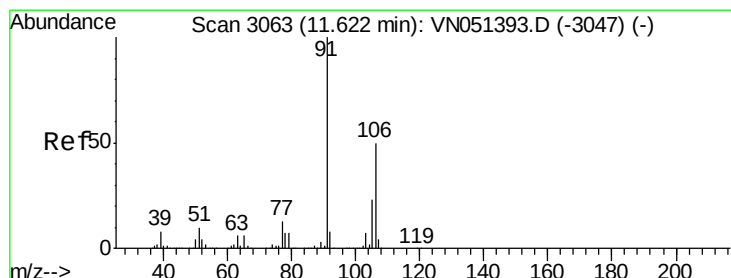
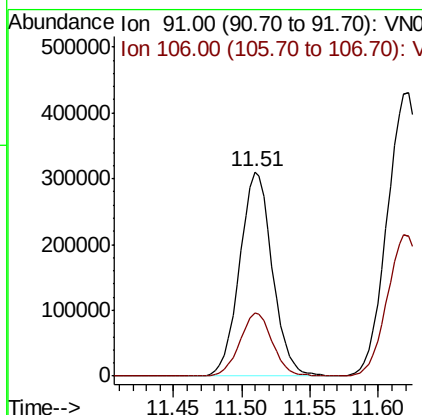
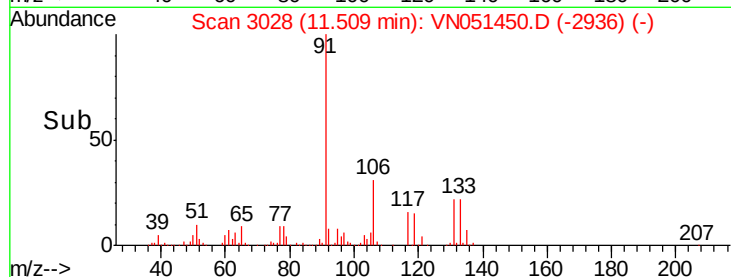
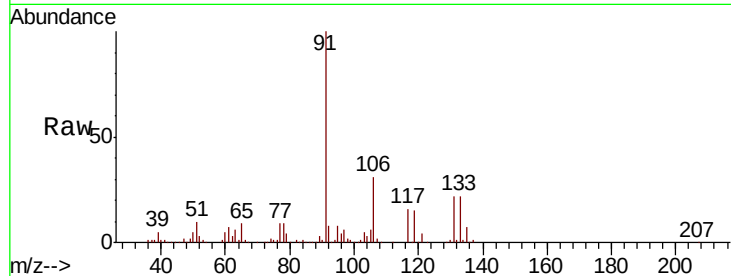




#67
Ethyl Benzene
Concen: 18.755 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

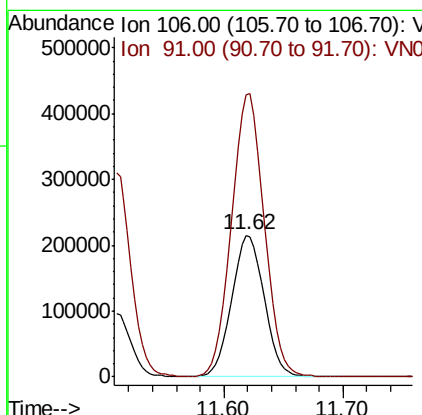
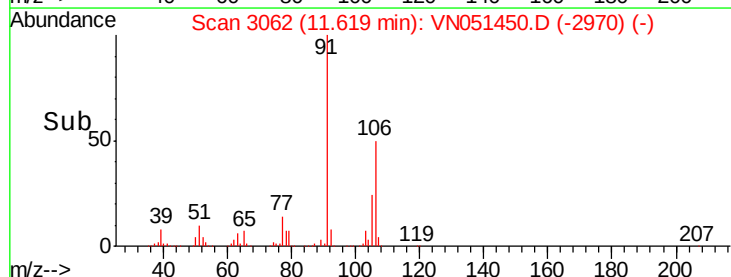
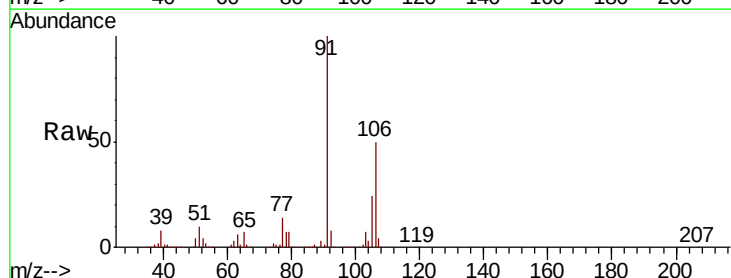
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

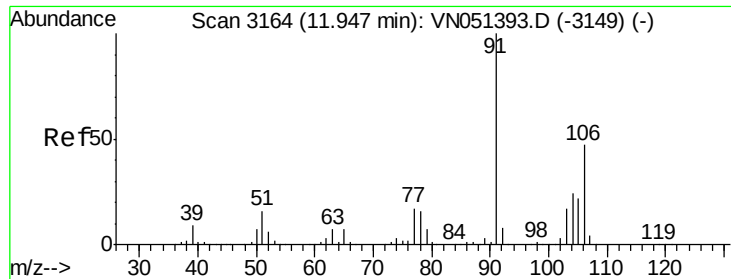
Tot Ion: 91 Resp: 516519
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4



#68
m/p-Xylenes
Concen: 38.147 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 106 Resp: 406363
Ion Ratio Lower Upper
106 100
91 201.4 161.3 241.9

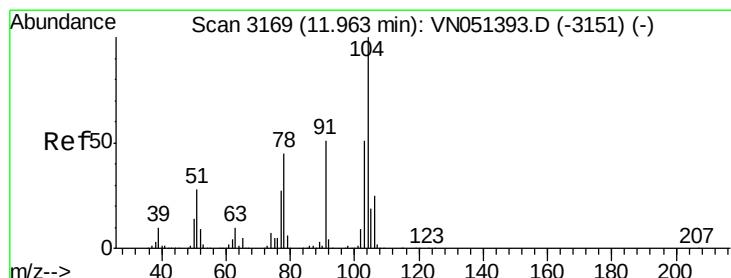
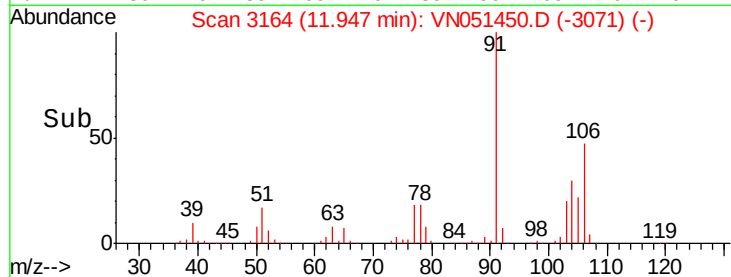
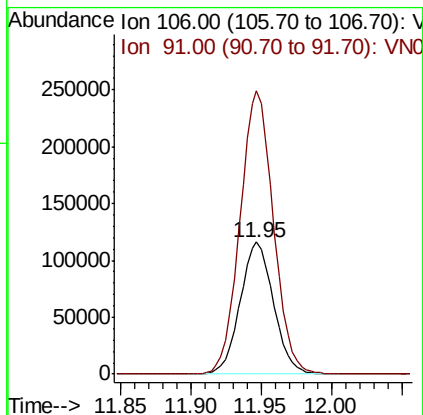
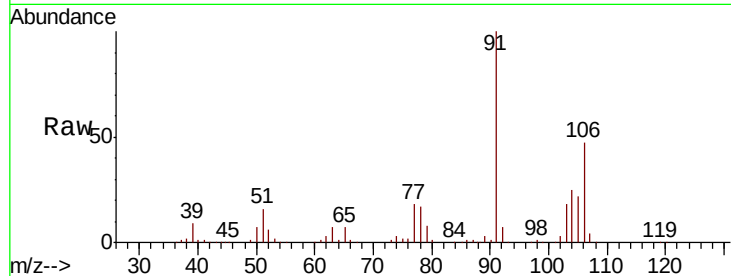




#69
o-Xylene
Concen: 18.749 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

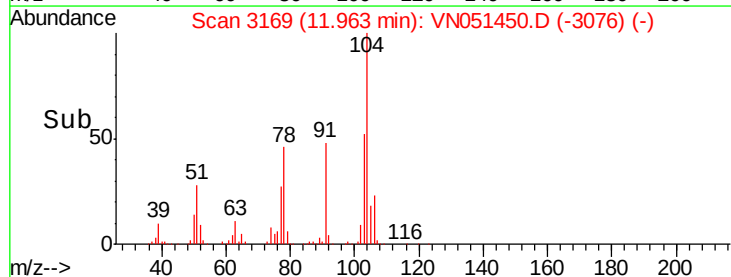
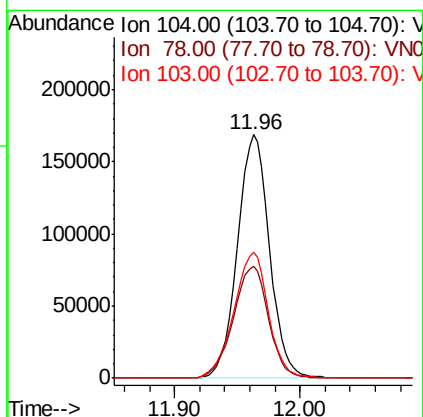
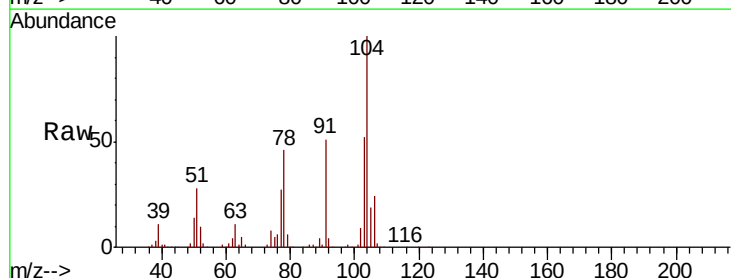
Instrument :
MSVOA_N
ClientSampled :
VN0924MBS01

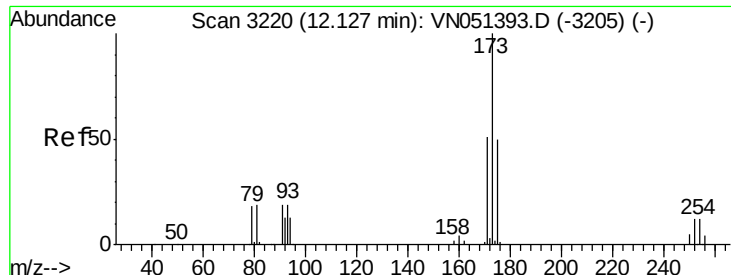
Tot Ion:106 Resp: 192006
Ion Ratio Lower Upper
106 100
91 215.3 105.3 315.9



#70
Styrene
Concen: 18.464 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion:104 Resp: 299626
Ion Ratio Lower Upper
104 100
78 50.5 39.9 59.9
103 55.7 44.6 66.8





#71

Bromoform

Concen: 18.428 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampled :

VN0924MBS01

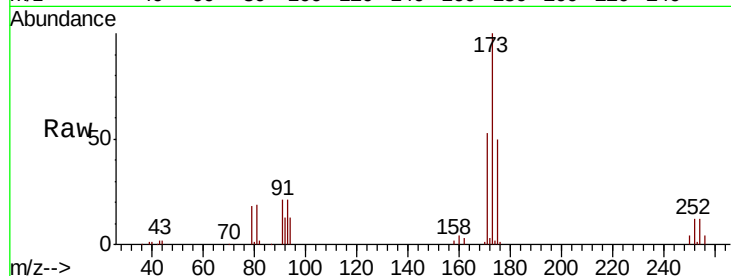
Tot Ion:173 Resp: 77851

Ion Ratio Lower Upper

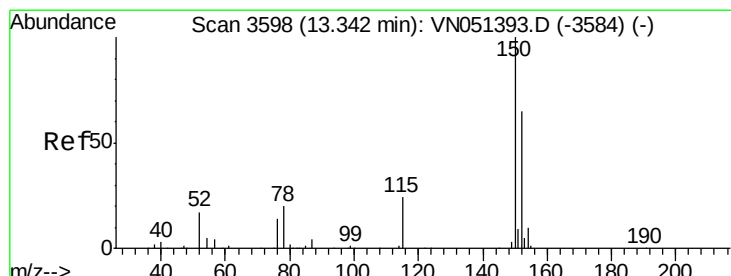
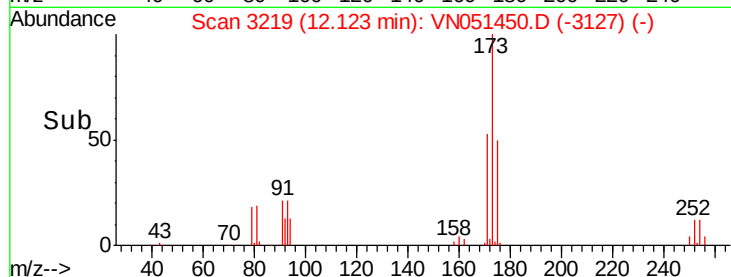
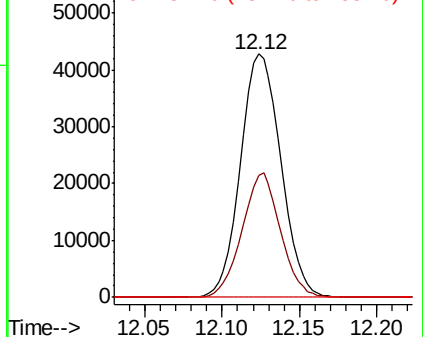
173 100

175 48.4 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: VN051450.D

Acq: 24 Sep 2018 10:38

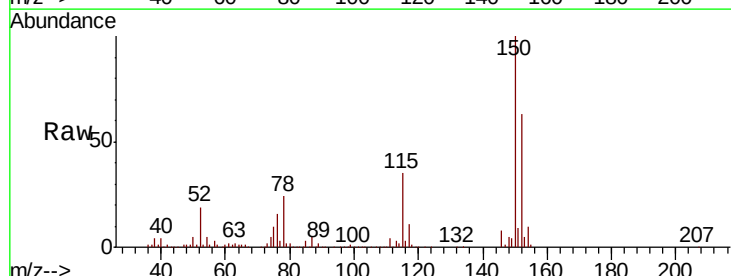
Tgt Ion:152 Resp: 299249

Ion Ratio Lower Upper

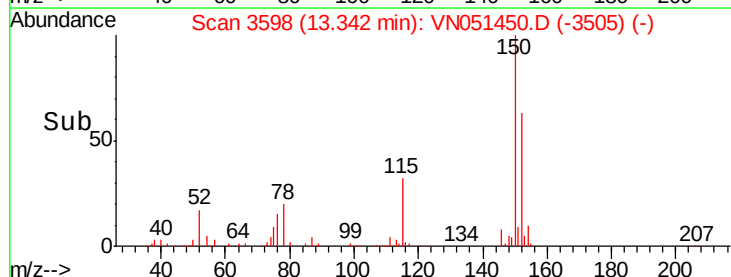
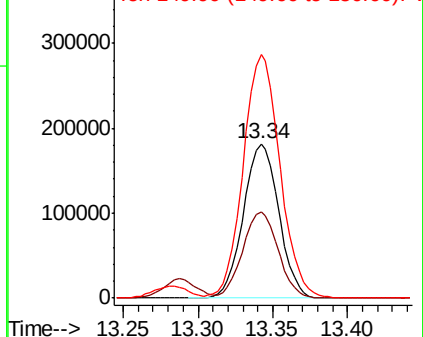
152 100

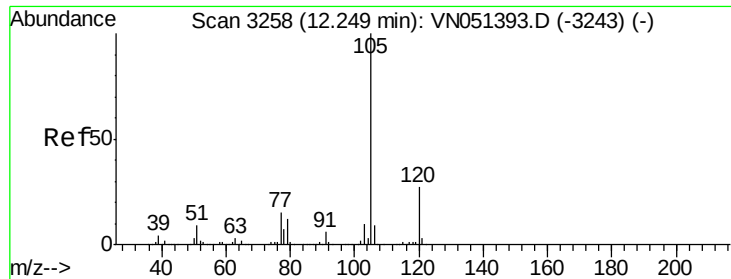
115 56.1 28.3 84.9

150 164.1 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

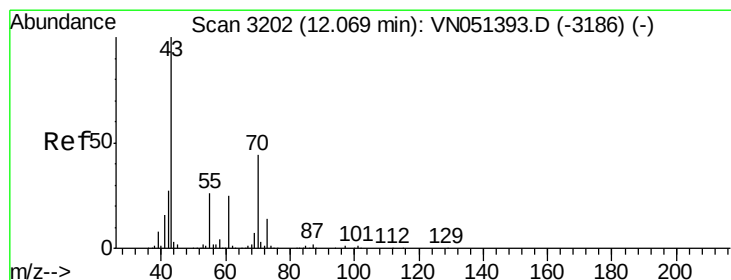
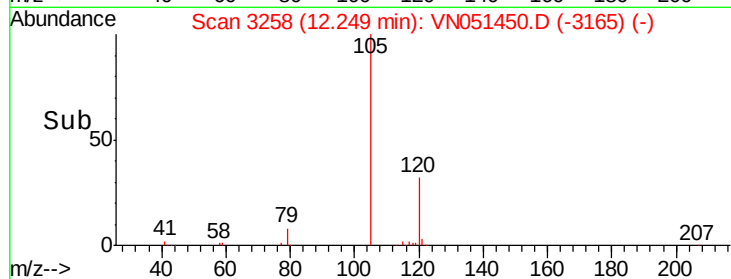
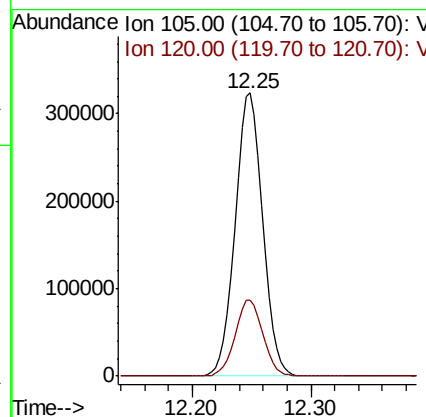
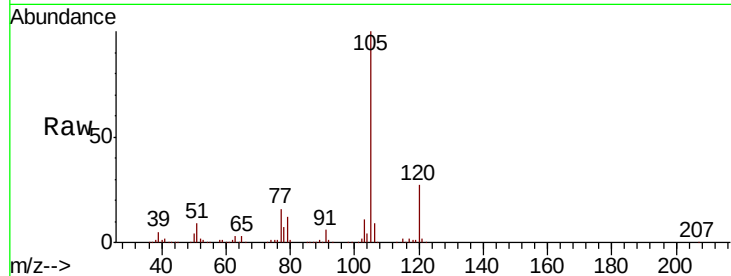




#73
Isopropylbenzene
Concen: 20.487 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

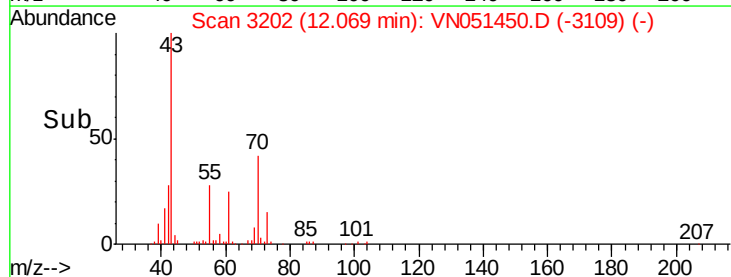
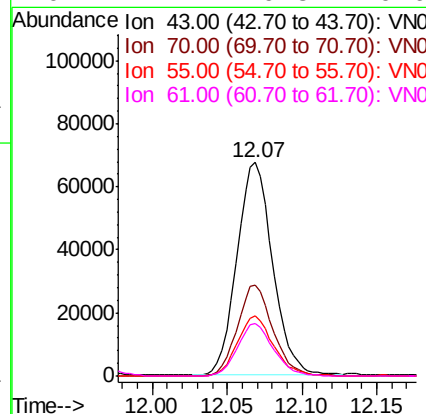
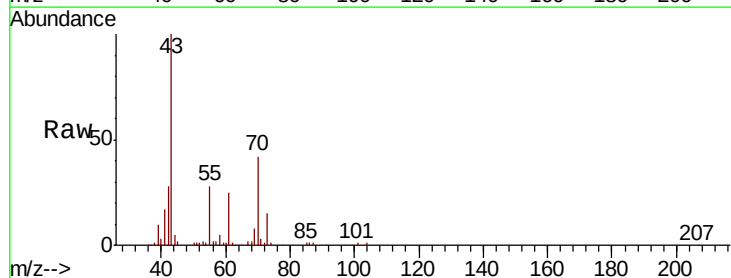
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

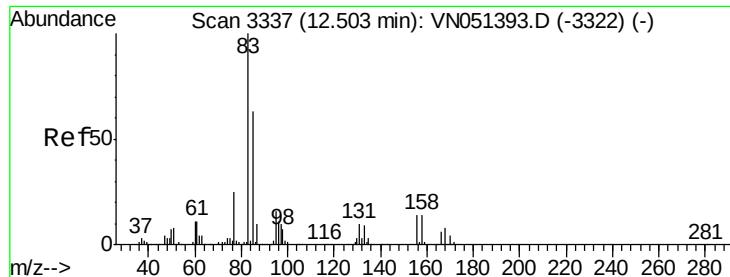
Tot Ion:105 Resp: 517279
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.8



#74
N-ethyl acetate
Concen: 17.756 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN051450.D
Acq: 24 Sep 2018 10:38

Tgt Ion: 43 Resp: 112482
Ion Ratio Lower Upper
43 100
70 42.1 35.0 52.4
55 28.4 21.4 32.2
61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.069 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBS01

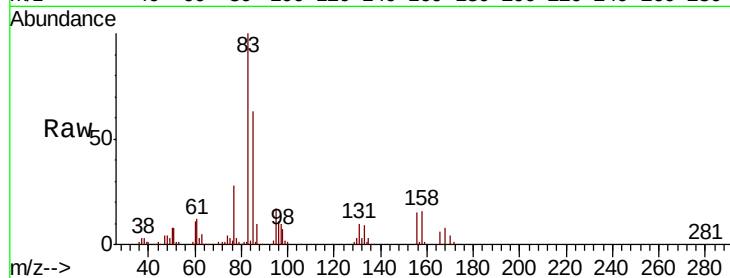
Tot Ion: 83 Resp: 118162

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

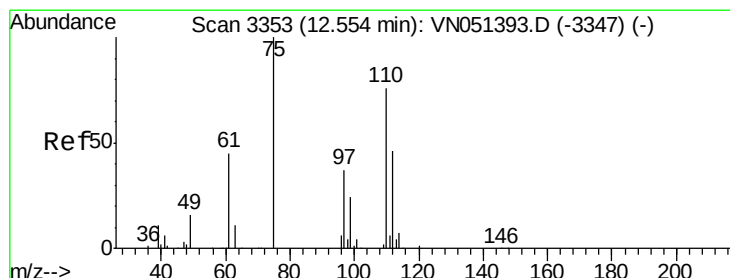
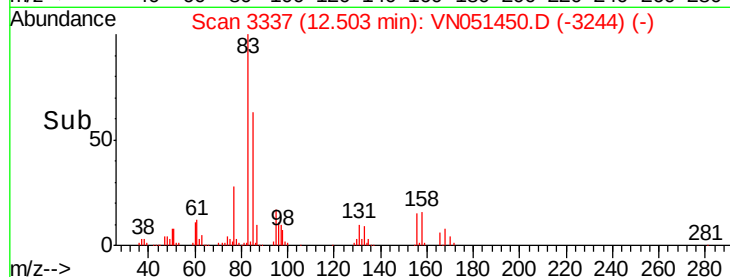
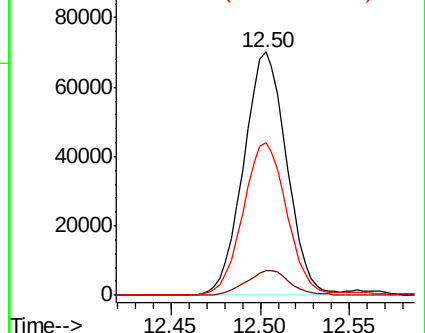
85 64.0 31.6 95.0



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: 28.252 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051450.D

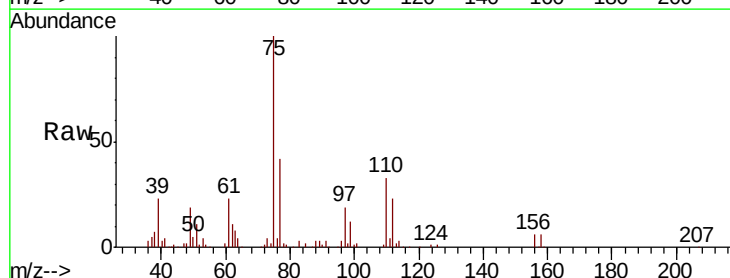
Acq: 24 Sep 2018 10:38

Tgt Ion: 75 Resp: 140347

Ion Ratio Lower Upper

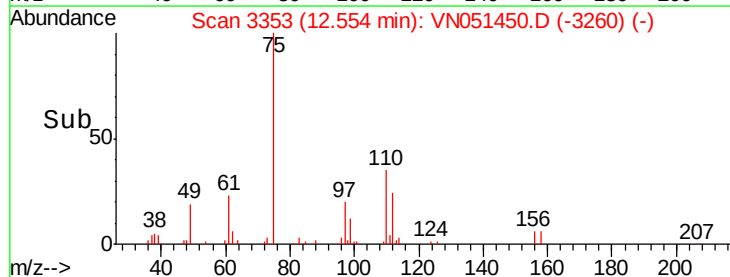
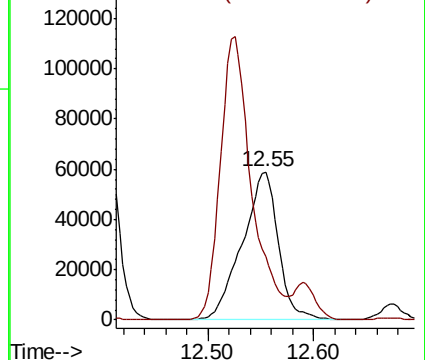
75 100

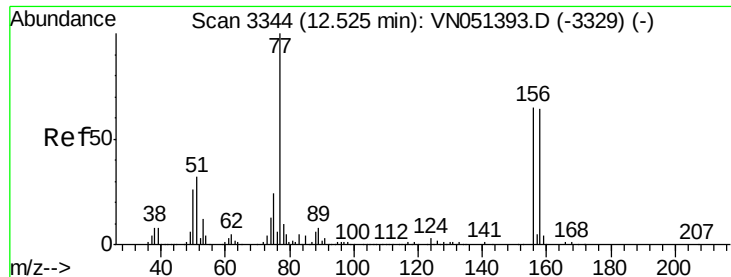
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.735 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampled :

VN0924MBS01

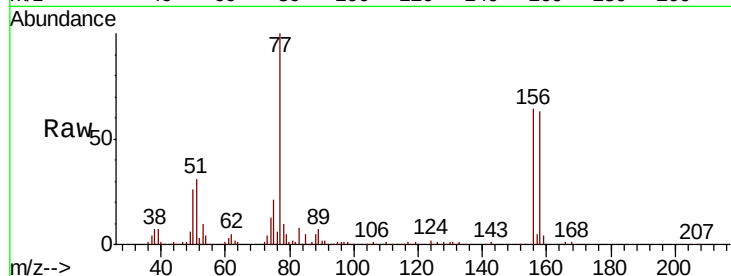
Tot Ion:156 Resp: 126141

Ion Ratio Lower Upper

156 100

77 185.0 89.5 268.4

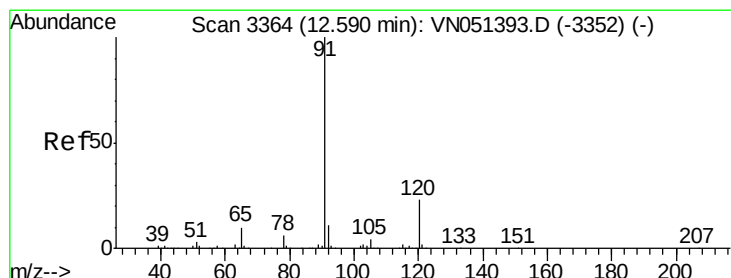
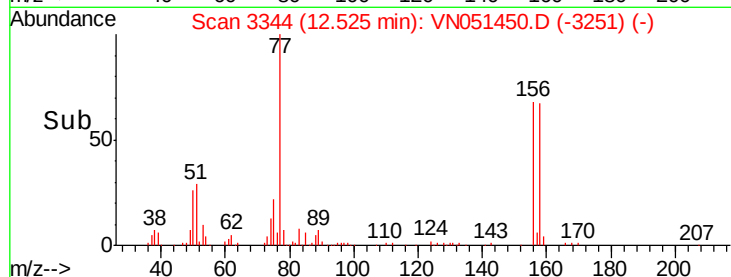
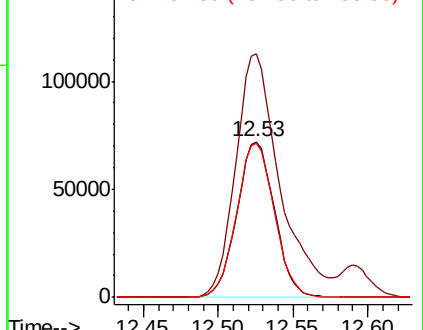
158 99.1 49.4 148.2



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: 20.380 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051450.D

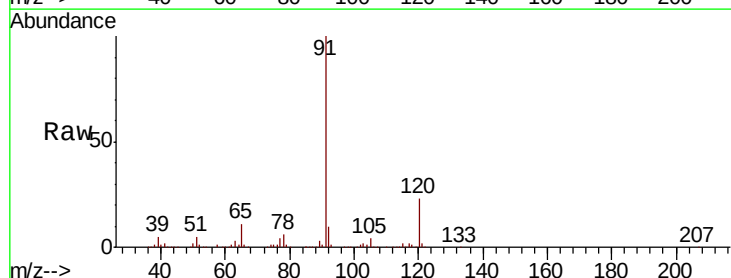
Acq: 24 Sep 2018 10:38

Tgt Ion: 91 Resp: 579927

Ion Ratio Lower Upper

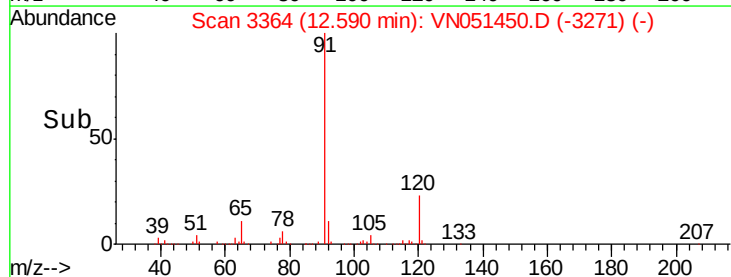
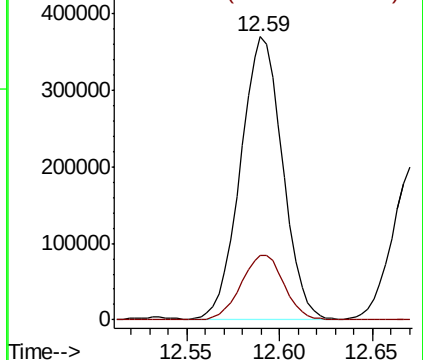
91 100

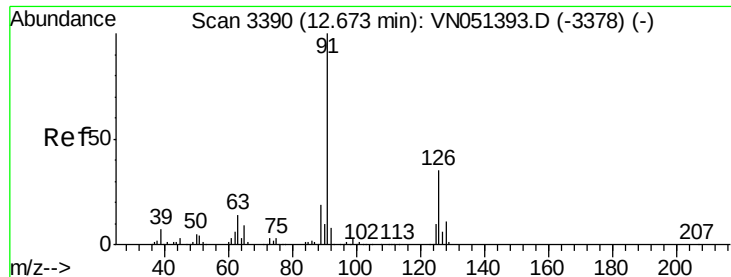
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

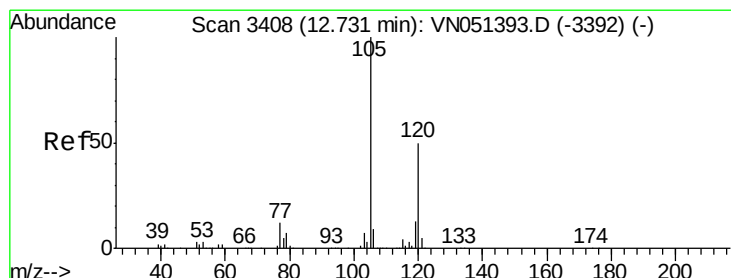
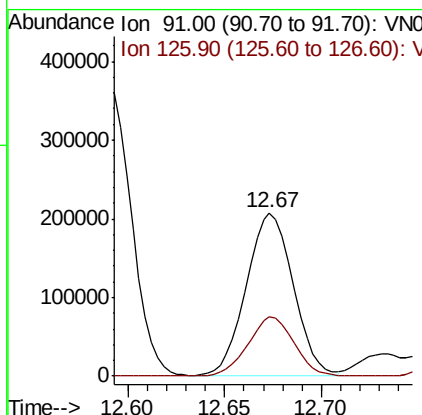
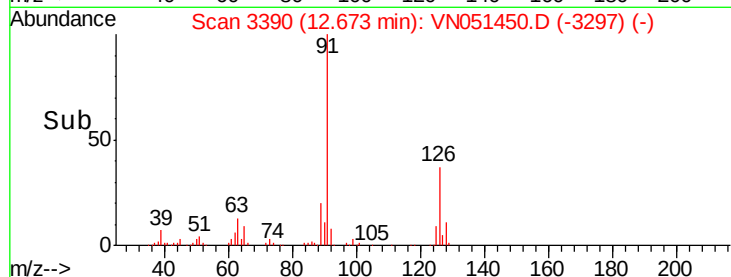
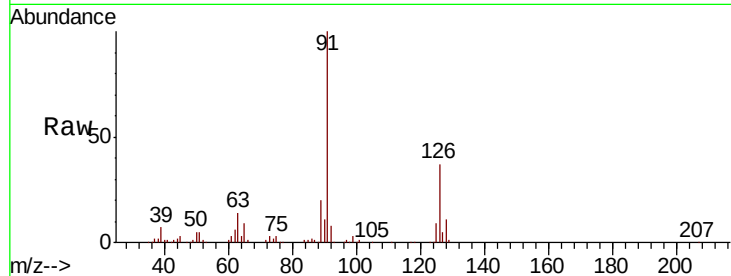




#79
 2-Chlorotoluene
 Concen: 20.477 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

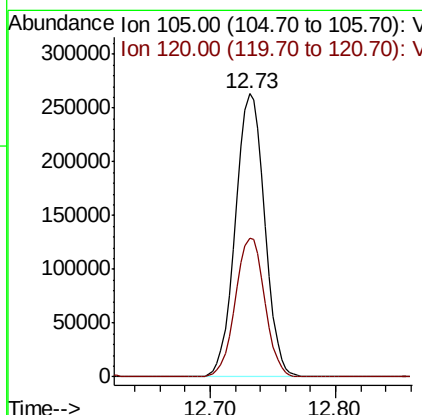
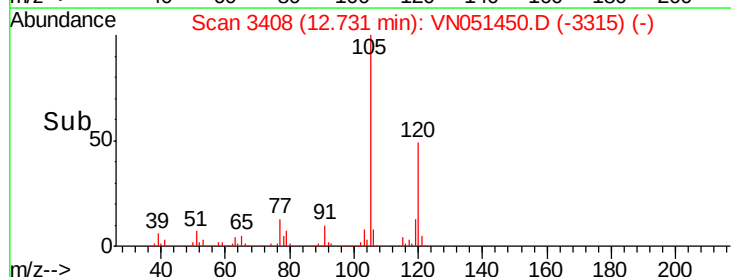
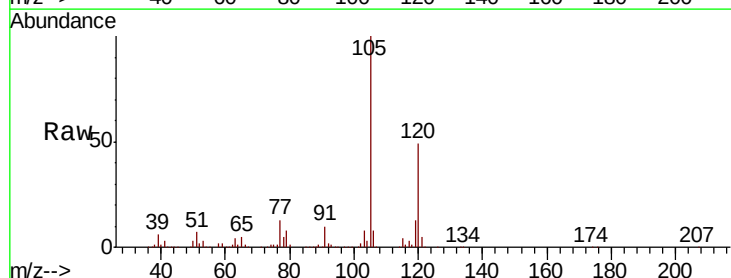
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

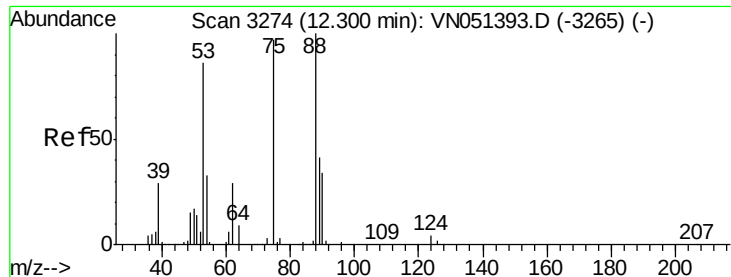
Tot Ion: 91 Resp: 348795
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.724 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion: 105 Resp: 426658
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.663 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBS01

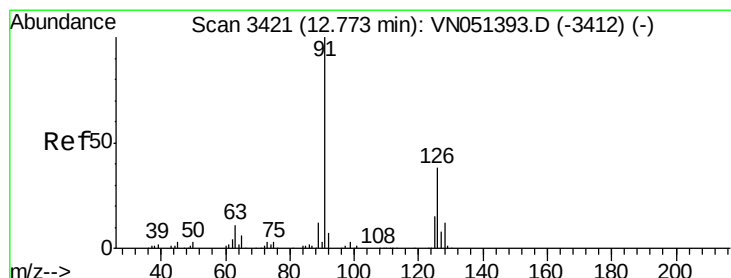
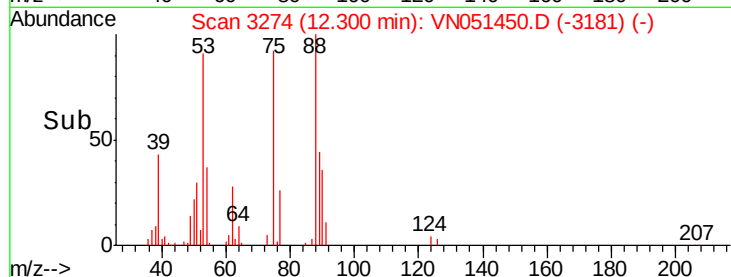
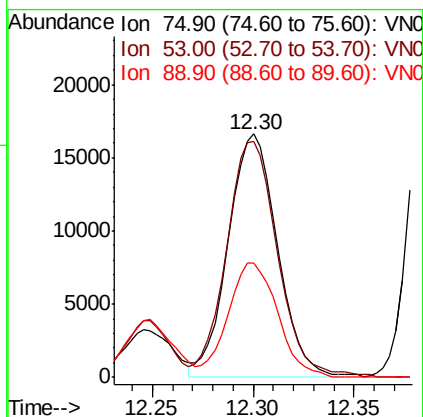
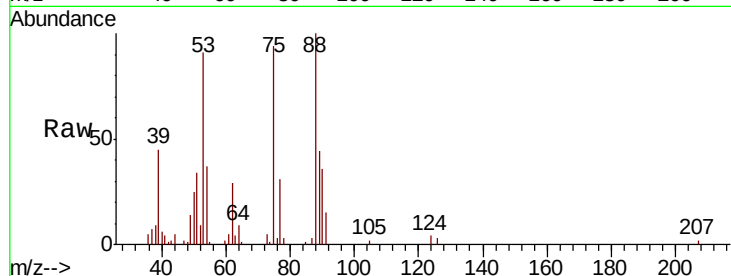
Tot Ion: 75 Resp: 28536

Ion Ratio Lower Upper

75 100

53 100.4 73.9 110.9

89 47.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 20.250 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051450.D

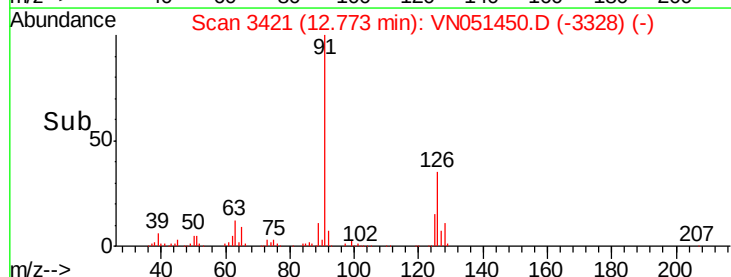
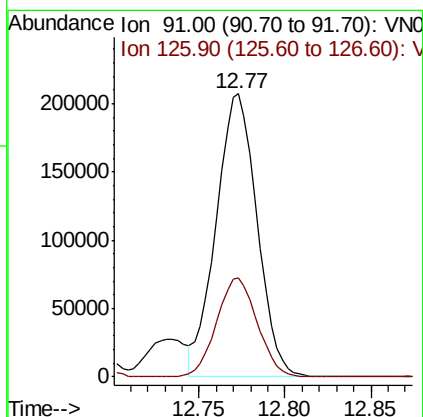
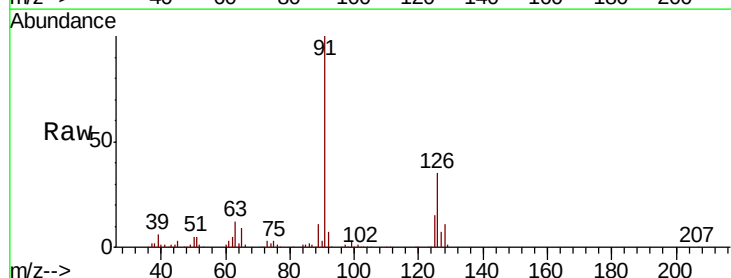
Acq: 24 Sep 2018 10:38

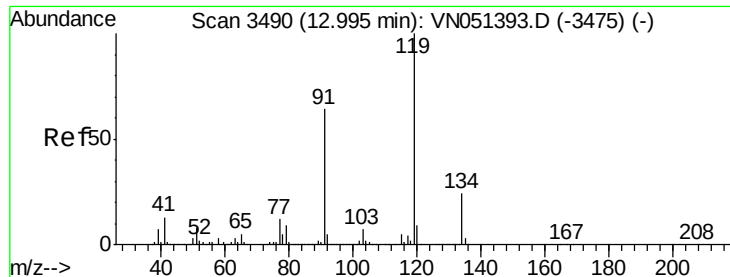
Tgt Ion: 91 Resp: 344272

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5

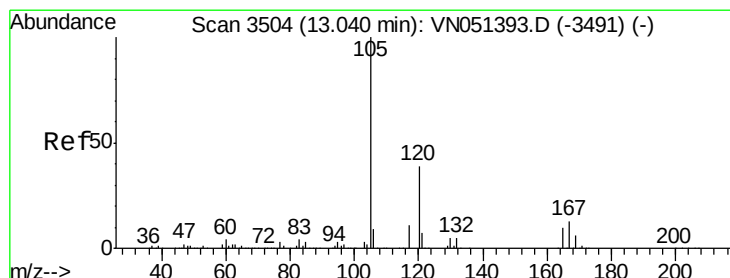
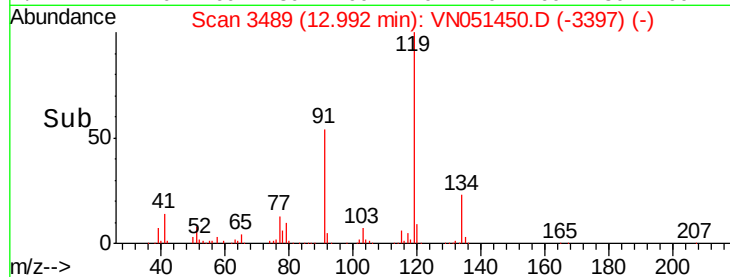
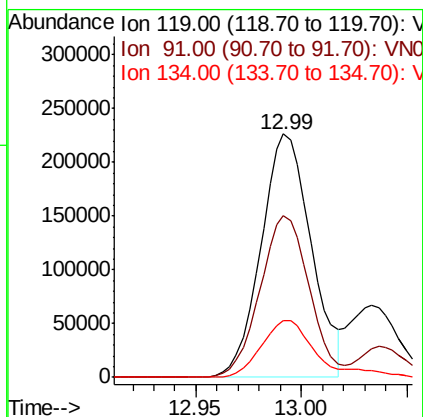
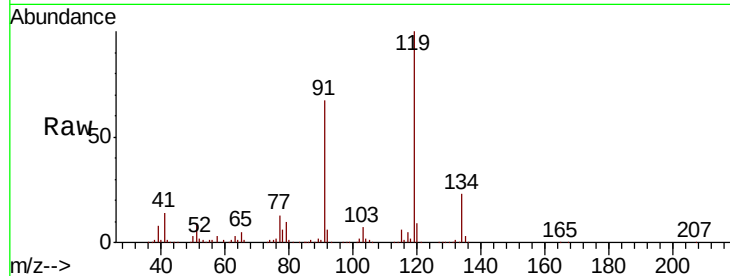




#83
 tert-Butylbenzene
 Concen: 20.457 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

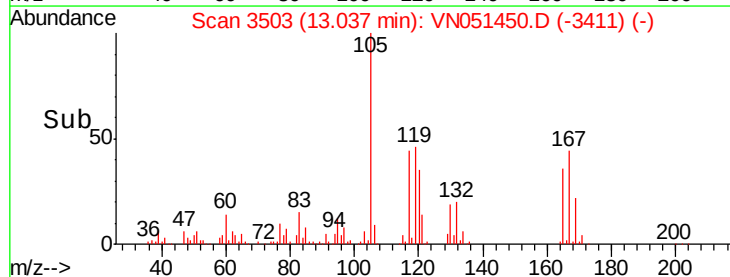
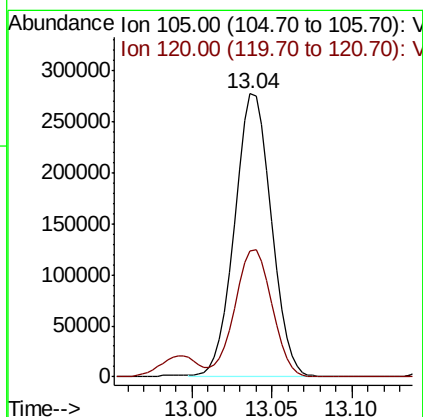
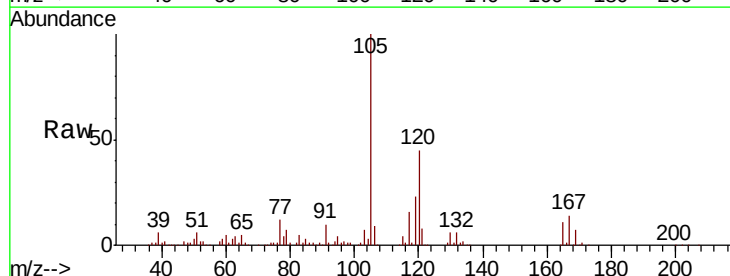
Instrument :
 MSVOA_N
 ClientSampled :
 VN0924MBS01

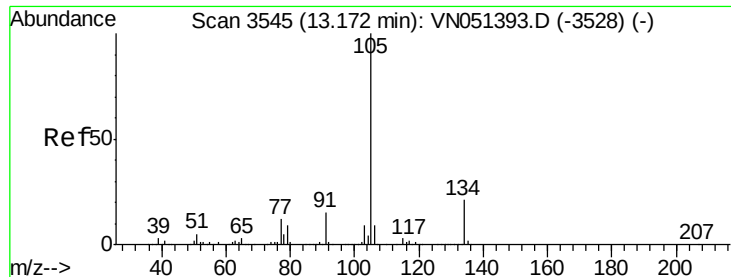
Tot Ion:119 Resp: 374872
 Ion Ratio Lower Upper
 119 100
 91 65.2 31.7 95.1
 134 25.9 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.870 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion:105 Resp: 432963
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.428 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

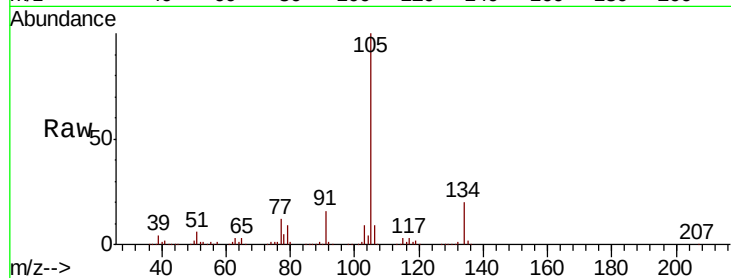
VN0924MBS01

Tot Ion:105 Resp: 506430

Ion Ratio Lower Upper

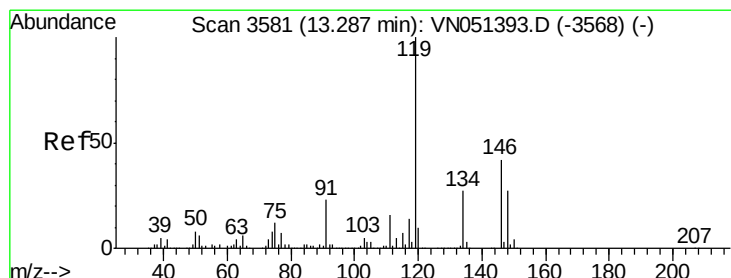
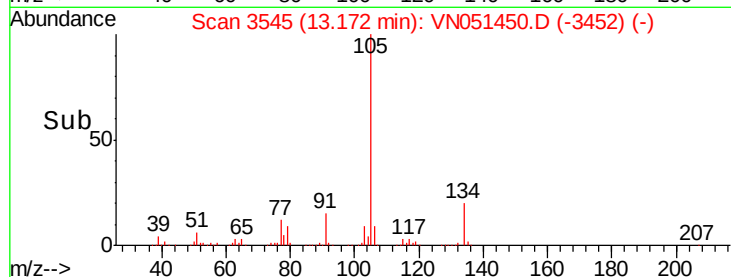
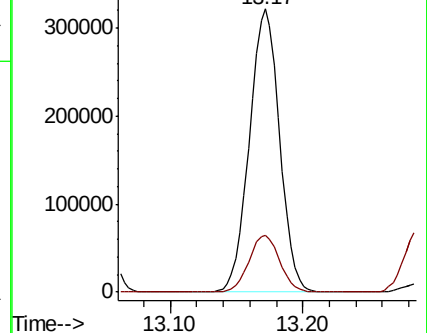
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.963 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

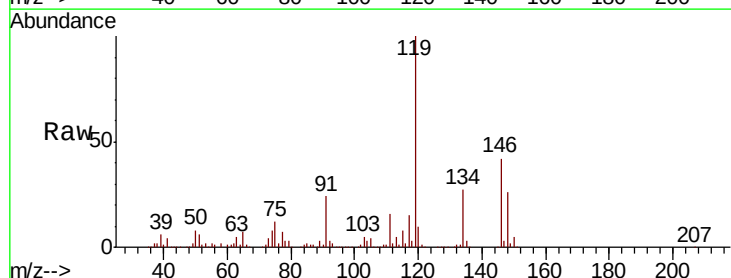
Tgt Ion:119 Resp: 428229

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

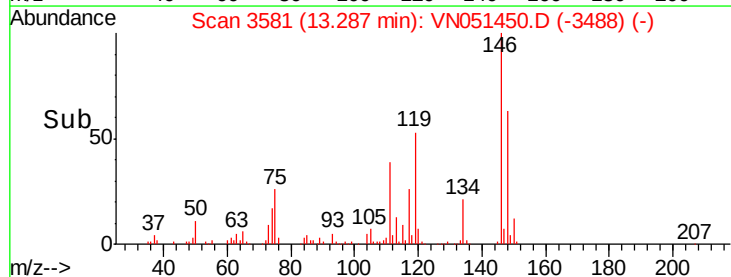
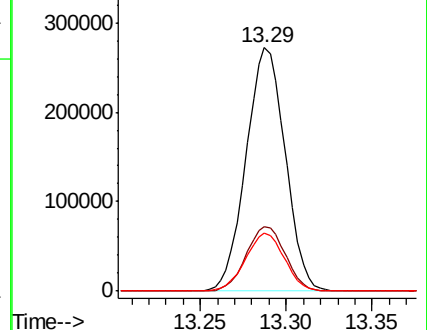
91 23.7 11.4 34.2

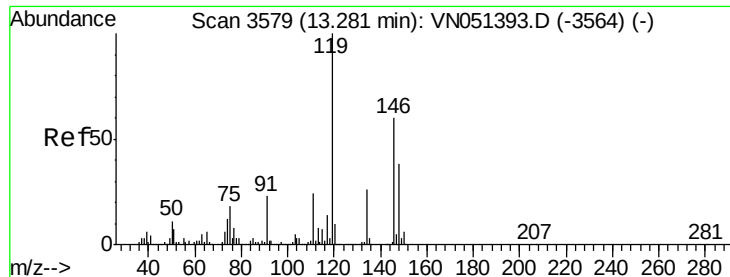


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.864 ug/l

RT: 13.28 min Scan# 3579

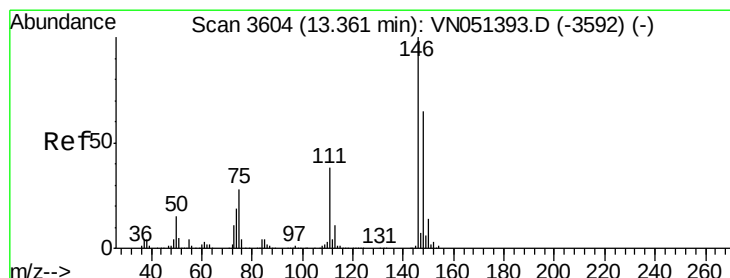
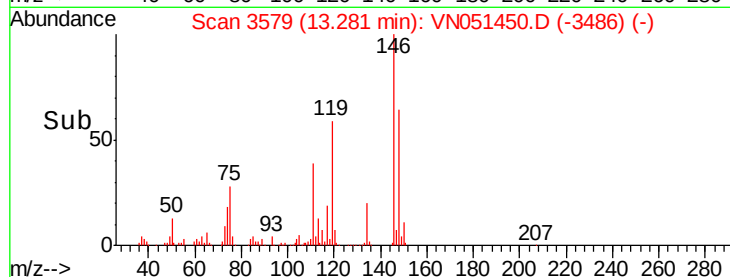
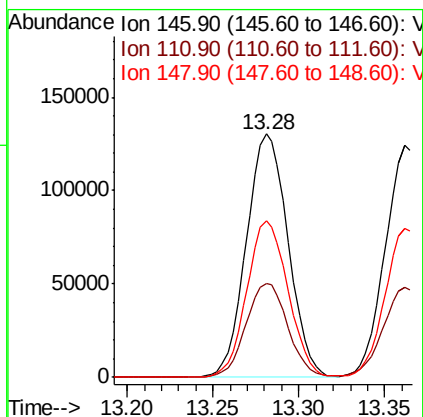
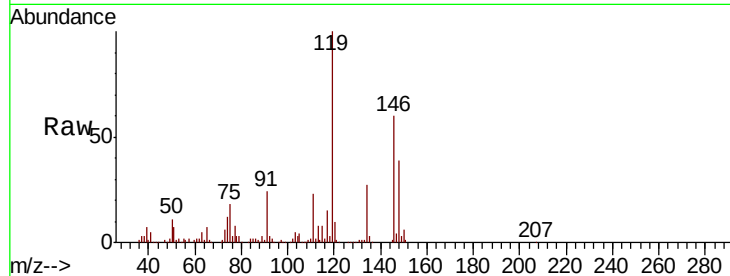
Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.7	59.1
148	63.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 19.179 ug/l

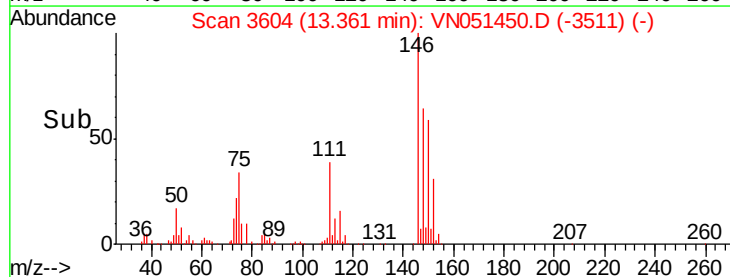
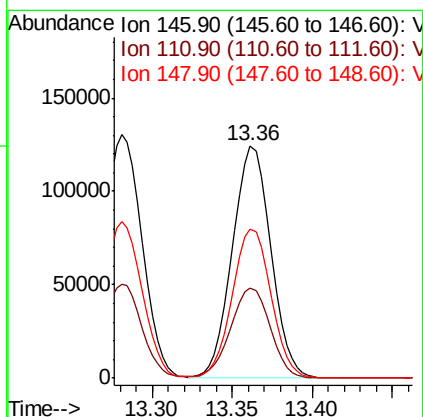
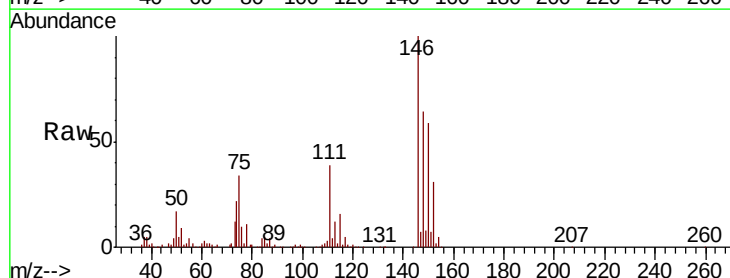
RT: 13.36 min Scan# 3604

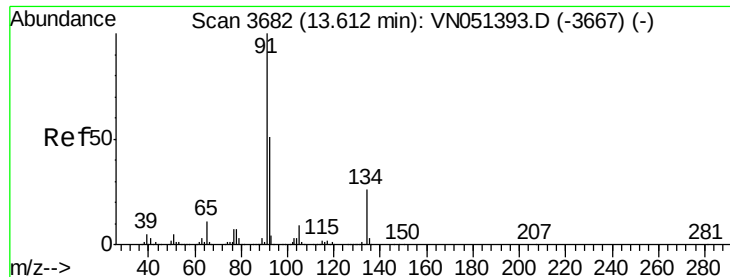
Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.1	57.1
148	64.9	32.5	97.5





#89

n-Butylbenzene

Concen: 18.512 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampled :

VN0924MBS01

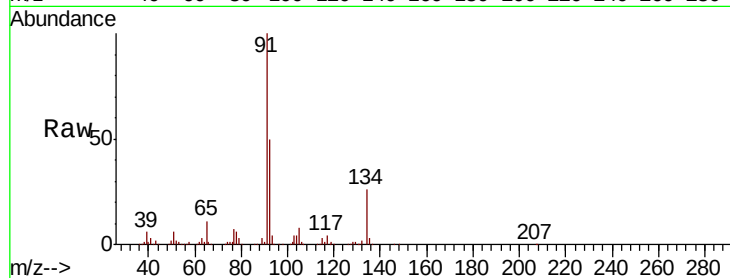
Tot Ion: 91 Resp: 326551

Ion Ratio Lower Upper

91 100

92 50.5 25.5 76.5

134 26.2 13.3 39.8

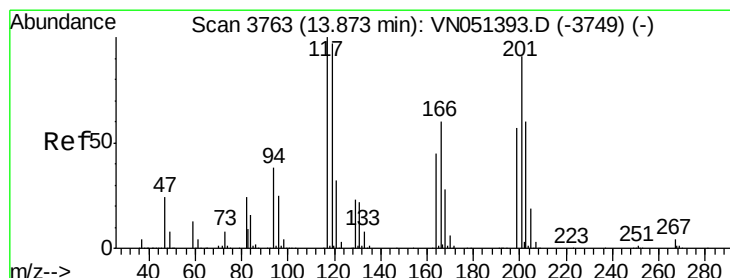
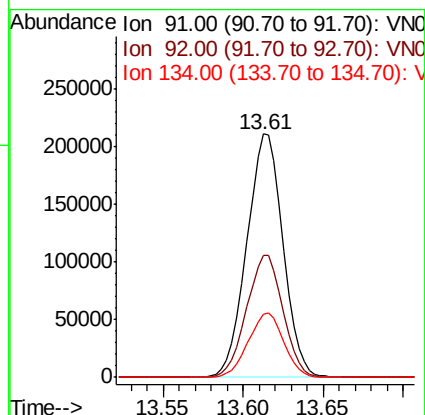
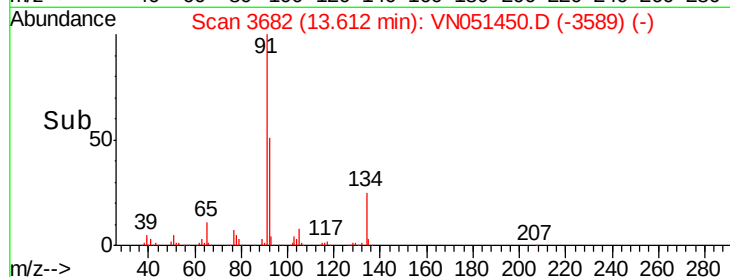


Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051393.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051393.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 20.205 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN051450.D

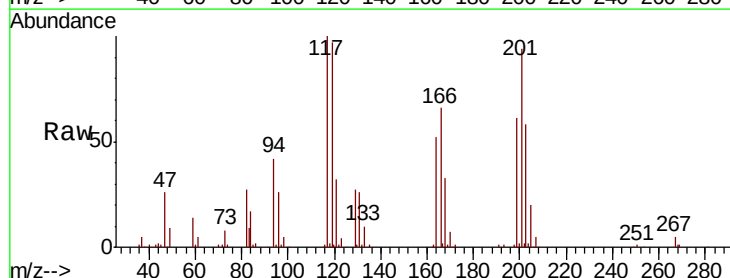
Acq: 24 Sep 2018 10:38

Tgt Ion: 117 Resp: 86356

Ion Ratio Lower Upper

117 100

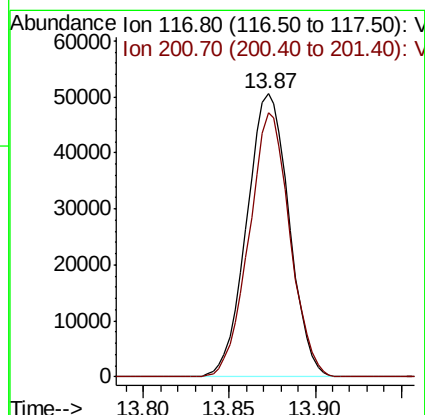
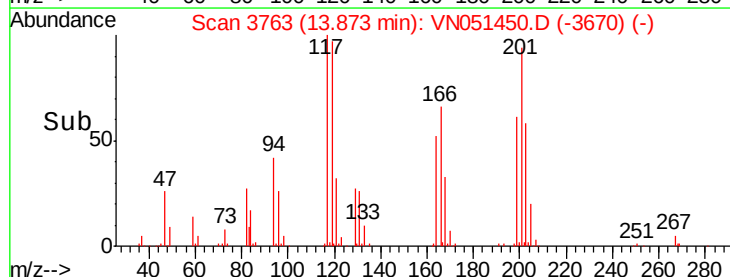
201 89.9 45.5 136.4

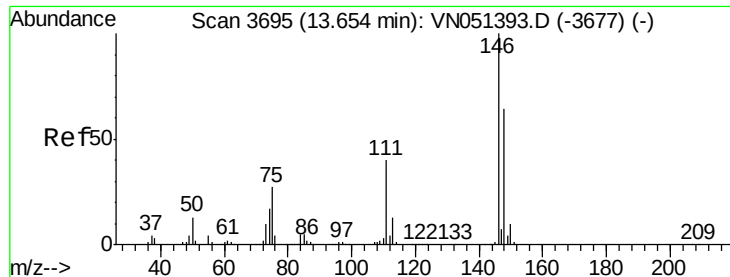


Abundance Ion 116.80 (116.50 to 117.50): VN051393.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN051393.D (-3749) (-)

Time-->

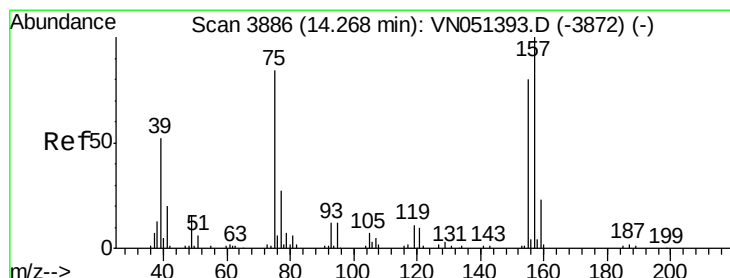
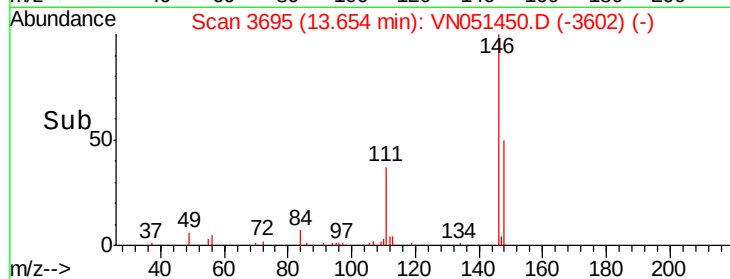
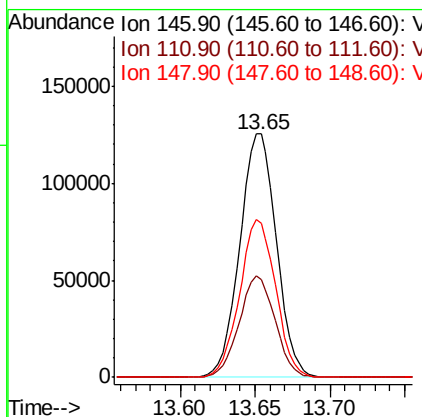
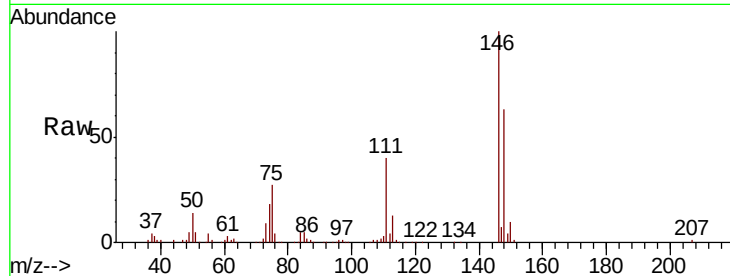




#91
 1,2-Dichlorobenzene
 Concen: 19.892 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

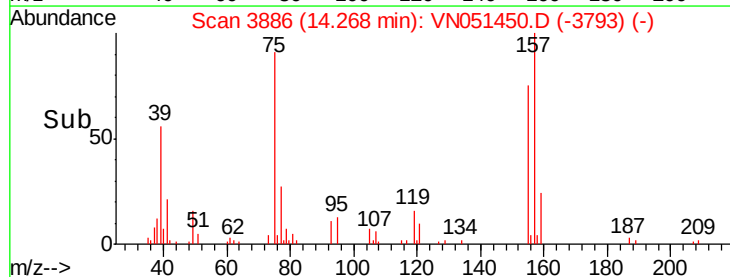
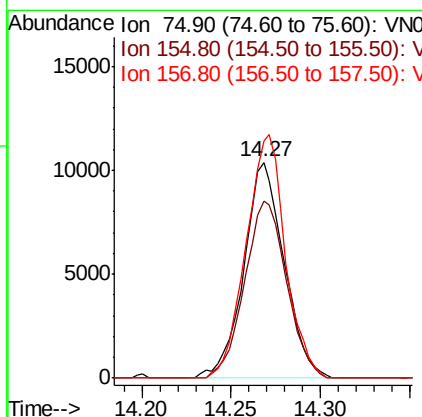
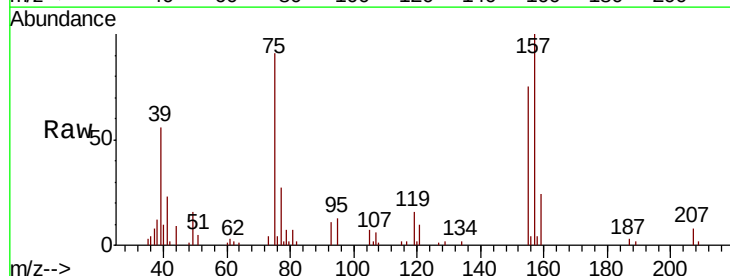
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

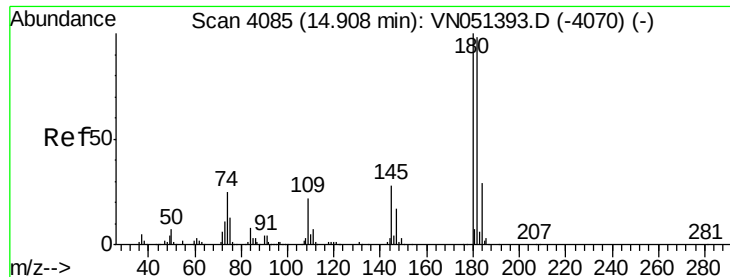
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	60.0
148	63.8	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.498 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	46.9	140.6
157	109.5	58.4	175.1

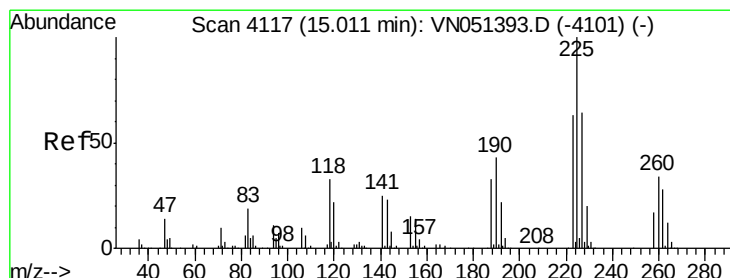
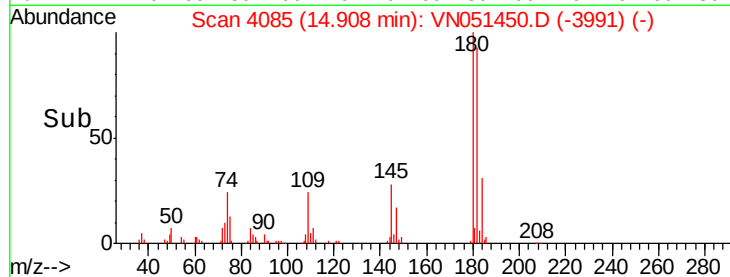
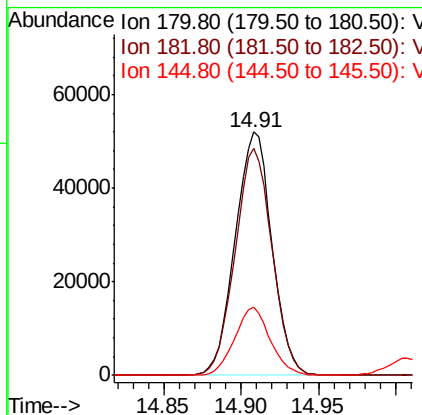
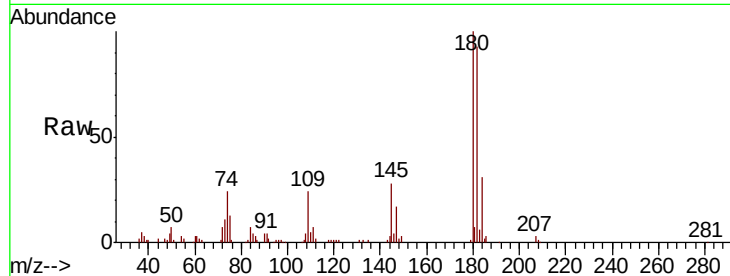




#93
 1,2,4-Trichlorobenzene
 Concen: 19.026 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

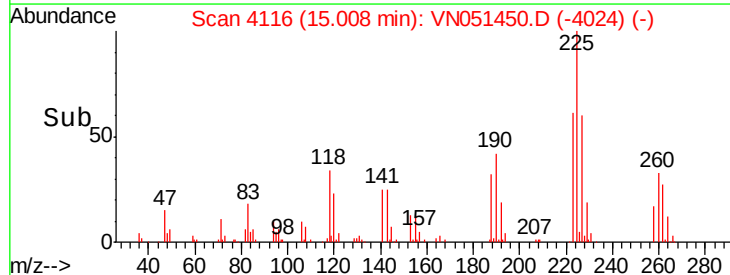
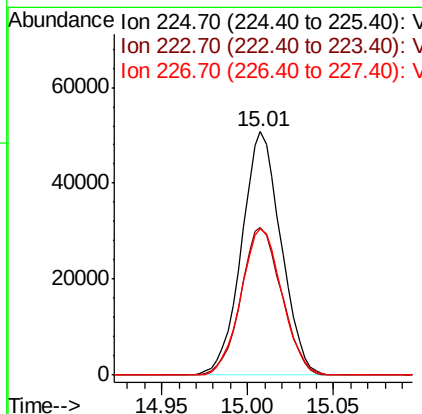
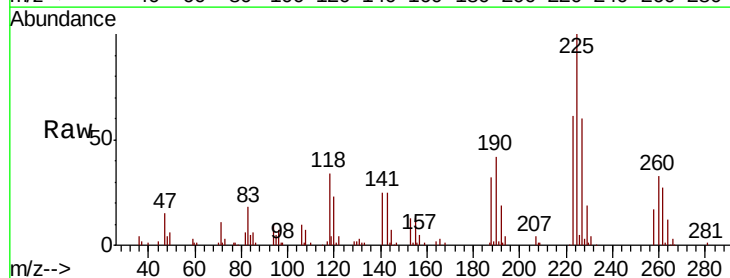
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

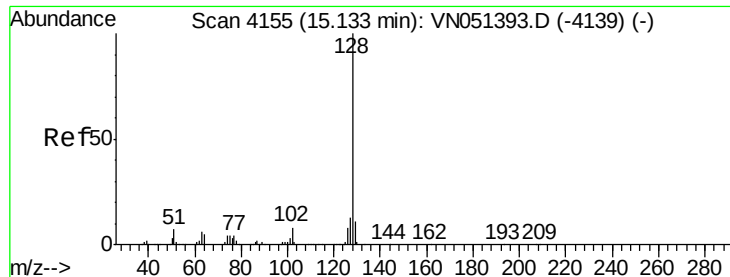
Tot Ion:180 Resp: 85731
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.5 145.6
 145 26.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.884 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051450.D
 Acq: 24 Sep 2018 10:38

Tgt Ion:225 Resp: 80742
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.9
 227 62.7 32.5 97.5





#95

Naphthalene

Concen: 18.197 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBS01

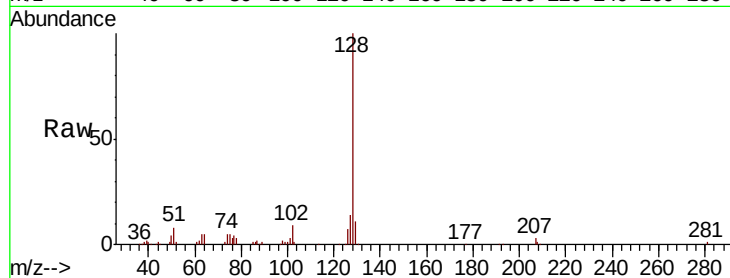
Tot Ion:128 Resp: 134617

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.8 8.6 12.8

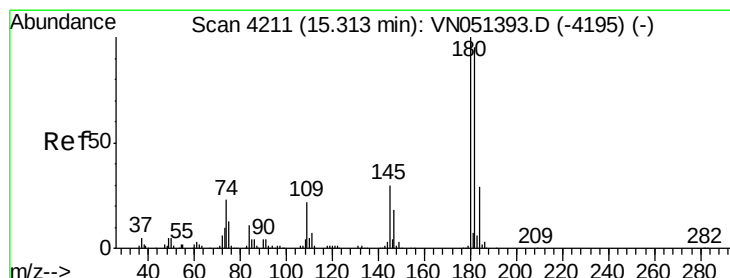
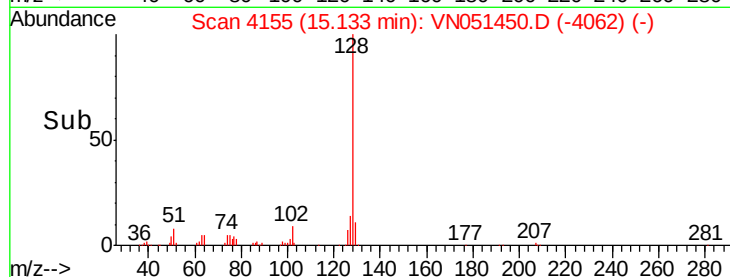
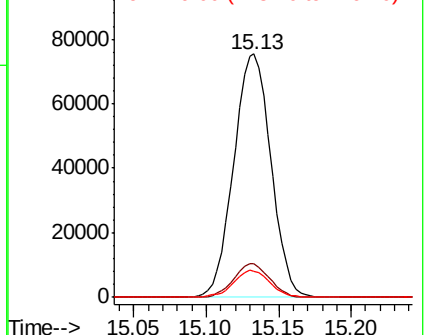


Abundance

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: 16.774 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051450.D

Acq: 24 Sep 2018 10:38

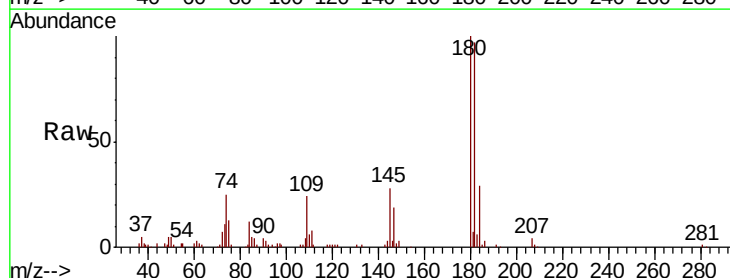
Tgt Ion:180 Resp: 86393

Ion Ratio Lower Upper

180 100

182 97.2 47.2 141.6

145 30.0 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

