

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055417.D
 Acq On : 6 May 2019 15:50
 Operator : JC/SP
 Sample : VN0506MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Quant Time: May 07 01:09:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	379322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	622008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	259115	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.59	113	207665	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.09	98	726384	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.40	95	232642	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	86542	18.621	ug/l	99
3) Chloromethane	2.06	50	97918	17.015	ug/l	98
4) Vinyl Chloride	2.19	62	88854	19.154	ug/l	97
5) Bromomethane	2.57	94	47639	19.388	ug/l	93
6) Chloroethane	2.71	64	48615	19.346	ug/l	99
7) Trichlorofluoromethane	3.02	101	126956	19.247	ug/l	94
8) Diethyl Ether	3.42	74	47828	20.725	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	76508	19.478	ug/l	99
10) Methyl Iodide	3.96	142	101447	18.352	ug/l	99
11) Tert butyl alcohol	4.79	59	32930	115.906	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	72542	19.360	ug/l	96
13) Acrolein	3.62	56	16413	73.972	ug/l	97
14) Allyl chloride	4.33	41	148676	19.158	ug/l	99
15) Acrylonitrile	5.00	53	170638	106.852	ug/l	99
16) Acetone	3.82	43	131097	84.786	ug/l	94
17) Carbon Disulfide	4.06	76	154261	15.775	ug/l	99
18) Methyl Acetate	4.33	43	90235	23.406	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	224667	21.328	ug/l	100
20) Methylene Chloride	4.56	84	87299	18.497	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	75682	19.071	ug/l	97
22) Diisopropyl ether	5.95	45	326696	21.187	ug/l	94
23) Vinyl Acetate	5.90	43	1069530	105.832	ug/l	99
24) 1,1-Dichloroethane	5.85	63	167658	20.407	ug/l	99
25) 2-Butanone	6.84	43	209502	105.948	ug/l	98
26) 2,2-Dichloropropane	6.83	77	98346	17.335	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	89738	19.885	ug/l	98
28) Bromochloromethane	7.20	49	88097	21.273	ug/l	97
29) Tetrahydrofuran	7.22	42	140849	111.238	ug/l	100
30) Chloroform	7.37	83	155836	20.010	ug/l	99
31) Cyclohexane	7.65	56	148788	19.062	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	124275	19.661	ug/l	99
36) 1,1-Dichloropropene	7.79	75	109627	18.400	ug/l	98
37) Ethyl Acetate	6.94	43	83701	18.331	ug/l	96
38) Carbon Tetrachloride	7.77	117	101660	17.689	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	121033	19.107	ug/l	99
40) Benzene	8.04	78	340703	19.398	ug/l	99
41) Methacrylonitrile	7.18	41	48373	20.024	ug/l	93
42) 1,2-Dichloroethane	8.13	62	123578	19.866	ug/l	99
43) Isopropyl Acetate	8.17	43	159941	21.796	ug/l #	88
44) Trichloroethene	8.84	130	81478	18.198	ug/l	100
45) 1,2-Dichloropropane	9.12	63	98721	19.489	ug/l	99
46) Dibromomethane	9.21	93	54176	19.566	ug/l	97
47) Bromodichloromethane	9.40	83	112737	18.979	ug/l	97
48) Methyl methacrylate	9.20	41	74139	20.552	ug/l	98
49) 1,4-Dioxane	9.20	88	16514	442.835	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	442317	107.060	ug/l	98
52) Toluene	10.16	92	193657	19.217	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	98602	19.122	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	122906	19.117	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76076	20.330	ug/l	97
56) Ethyl methacrylate	10.43	69	95352	20.702	ug/l	99
57) 1,3-Dichloropropane	10.71	76	133141	20.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	102096	80.284	ug/l	100
59) 2-Hexanone	10.75	43	267477	103.472	ug/l	98
60) Dibromochloromethane	10.90	129	74824	19.564	ug/l	99
61) 1,2-Dibromoethane	11.00	107	68989	19.946	ug/l	99
64) Tetrachloroethene	10.63	164	84758	19.873	ug/l	96
65) Chlorobenzene	11.43	112	195027	19.127	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	74197	18.584	ug/l	97
67) Ethyl Benzene	11.51	91	361358	19.625	ug/l	98
68) m/p-Xylenes	11.62	106	260216	39.593	ug/l	98
69) o-Xylene	11.95	106	129044	19.810	ug/l	99
70) Styrene	11.96	104	205354	20.531	ug/l	99
71) Bromoform	12.13	173	42786	19.313	ug/l #	98
73) Isopropylbenzene	12.25	105	357008	21.356	ug/l	100
74) N-amyl acetate	12.07	43	101051	20.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	90611	21.822	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	105322	28.158	ug/l #	100
77) Bromobenzene	12.53	156	79409	20.178	ug/l	98
78) n-propylbenzene	12.59	91	373565	18.778	ug/l	99
79) 2-Chlorotoluene	12.67	91	234312	20.768	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	289164	19.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	18344	17.950	ug/l	87
82) 4-Chlorotoluene	12.77	91	216964	18.757	ug/l	98
83) tert-Butylbenzene	12.99	119	251907	21.799	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	267927	19.731	ug/l	100
85) sec-Butylbenzene	13.17	105	327439	19.842	ug/l	100
86) p-Isopropyltoluene	13.29	119	273431	20.159	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	124429	19.200	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	115635	18.947	ug/l	99
89) n-Butylbenzene	13.61	91	189185	19.629	ug/l	98
90) Hexachloroethane	13.87	117	45063	20.039	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	126049	19.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11108	21.802	ug/l	95

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

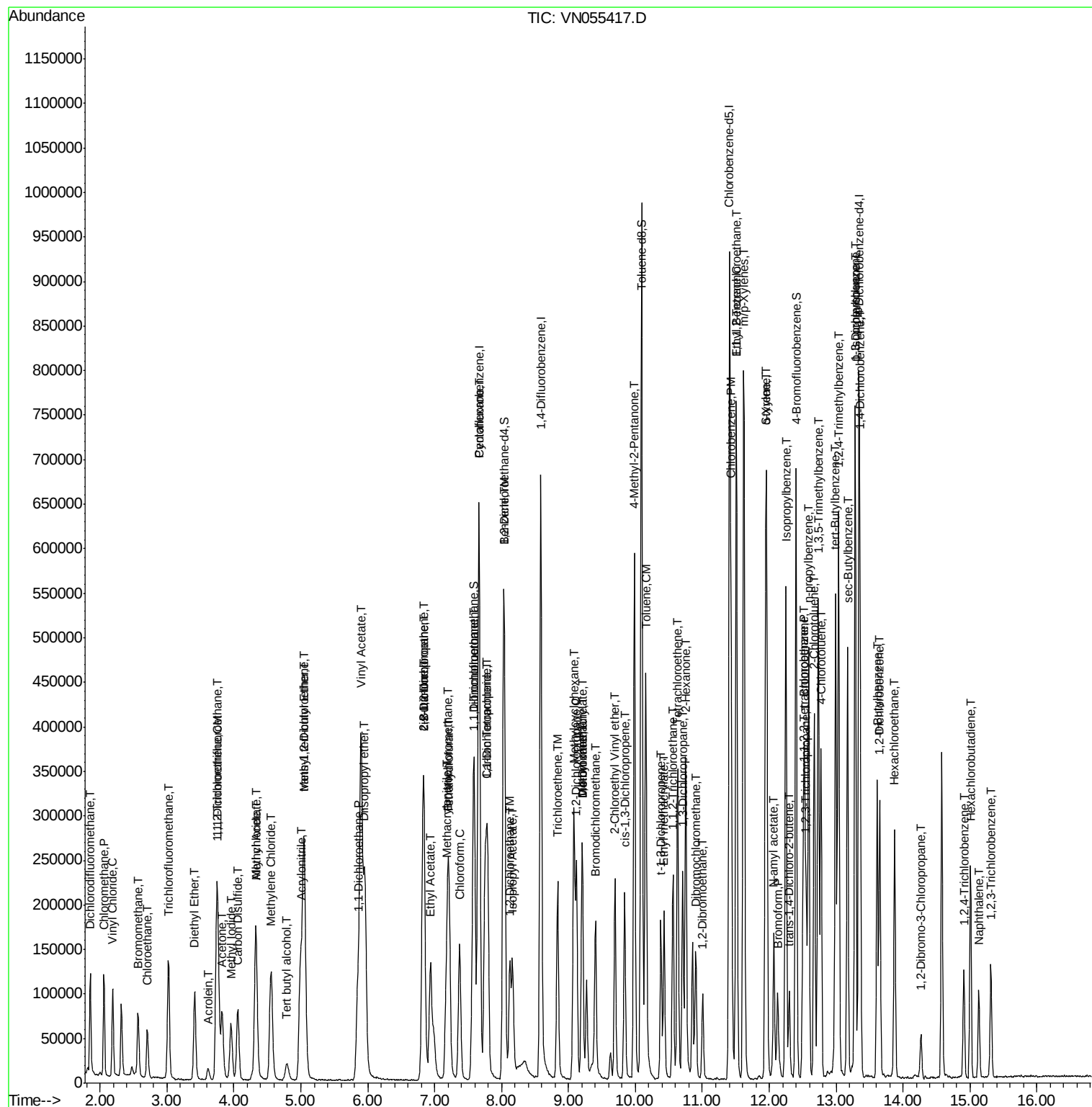
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	37677	17.205	ug/l	98
94) Hexachlorobutadiene	15.01	225	46795	22.682	ug/l	96
95) Naphthalene	15.13	128	79126	17.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	43769	19.247	ug/l	99

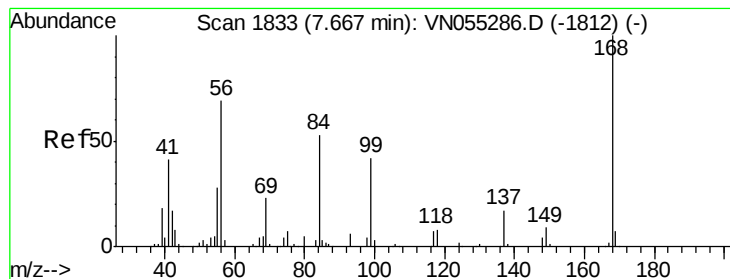
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050619\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

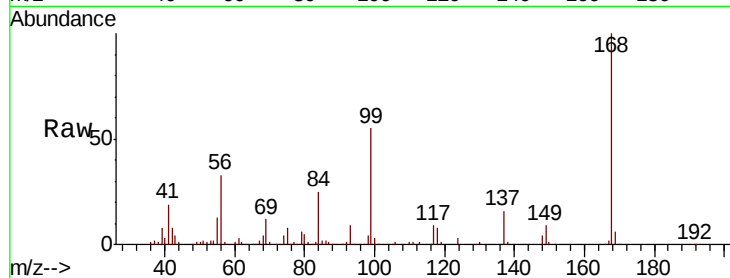
VN0506MBS01

Tot Ion:168 Resp: 379322

Ion Ratio Lower Upper

168 100

99 54.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

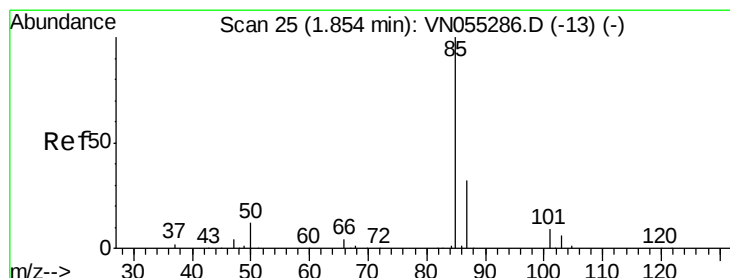
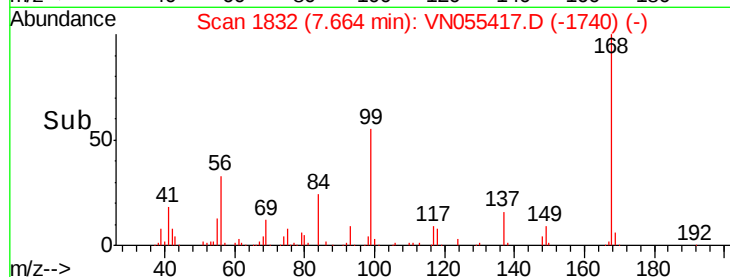
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.621 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055417.D

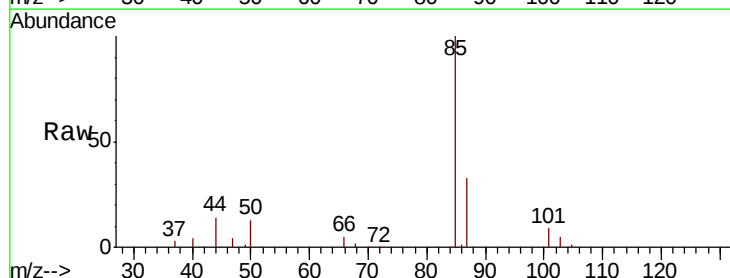
Acq: 6 May 2019 15:50

Tgt Ion: 85 Resp: 86542

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

60000

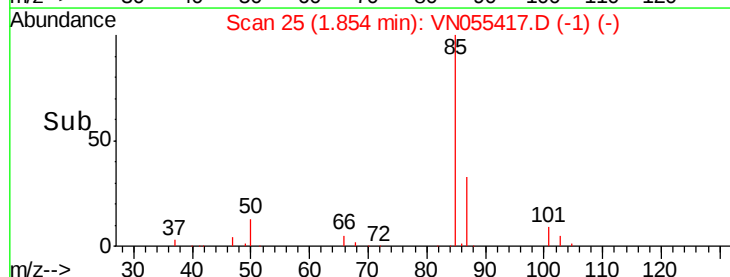
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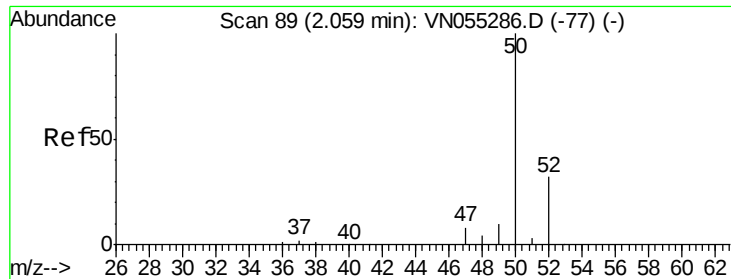
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.015 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

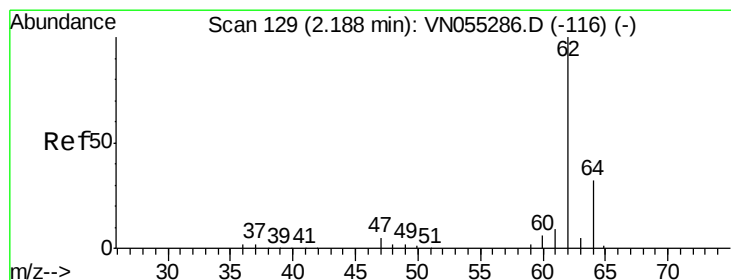
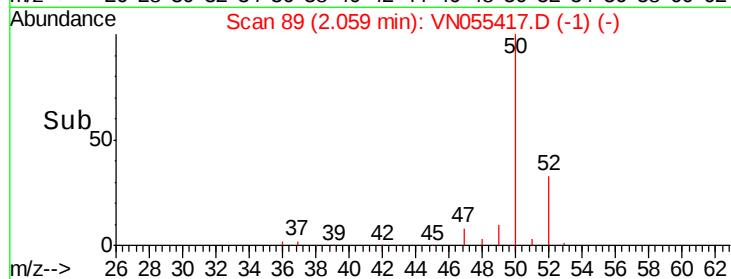
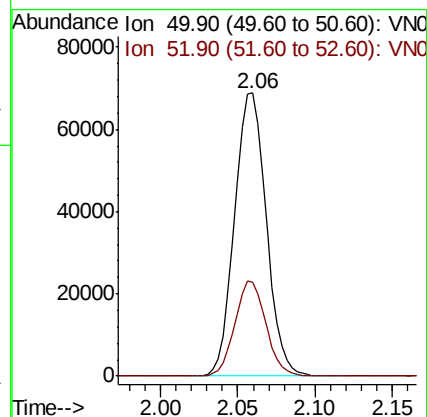
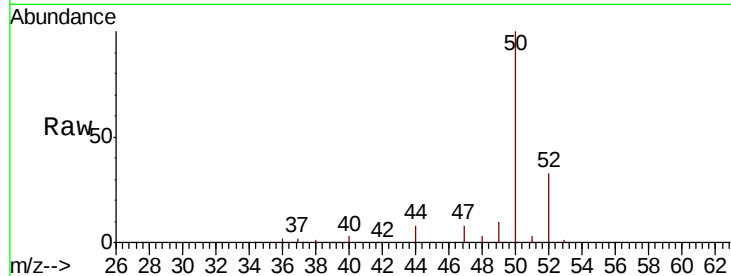
VN0506MBS01

Tot Ion: 50 Resp: 97918

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



#4

Vinyl Chloride

Concen: 19.154 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055417.D

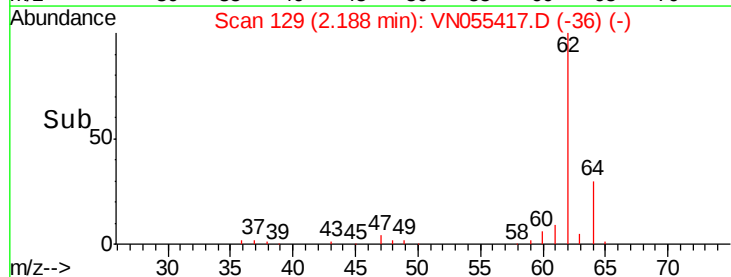
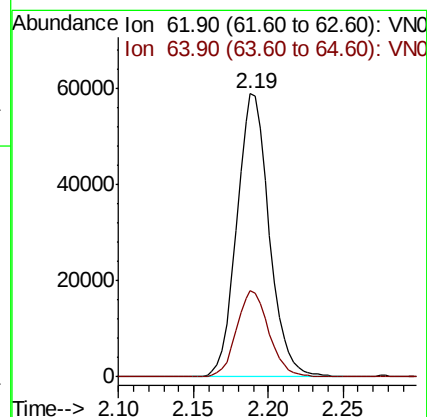
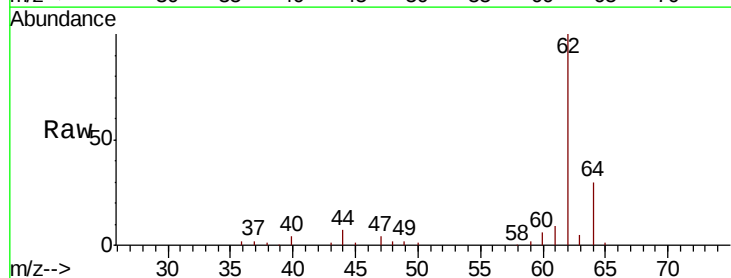
Acq: 6 May 2019 15:50

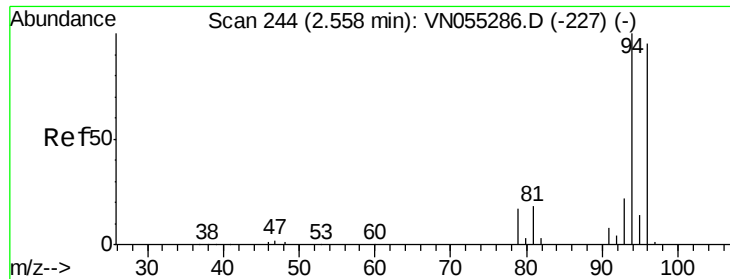
Tgt Ion: 62 Resp: 88854

Ion Ratio Lower Upper

62 100

64 30.4 25.5 38.3

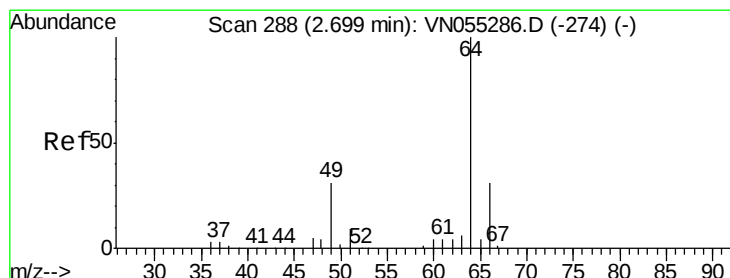
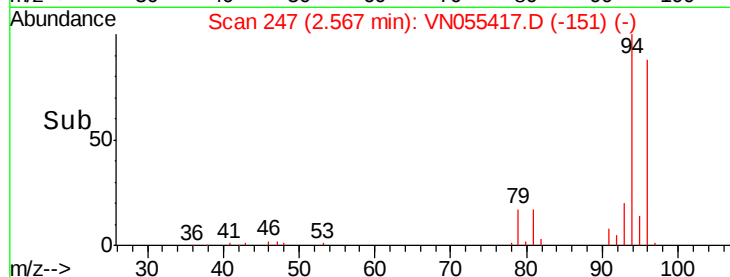
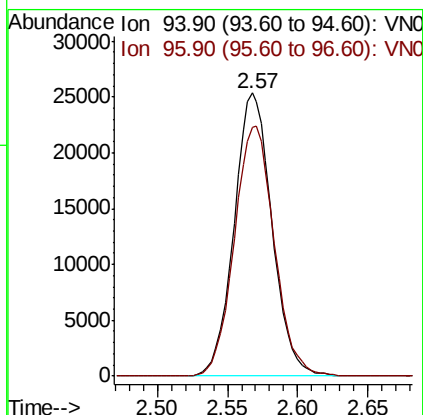
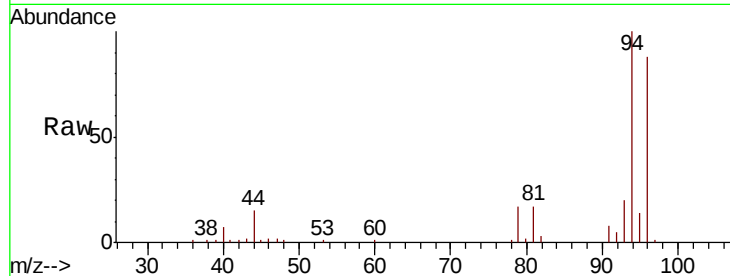




#5
Bromomethane
Concen: 19.388 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

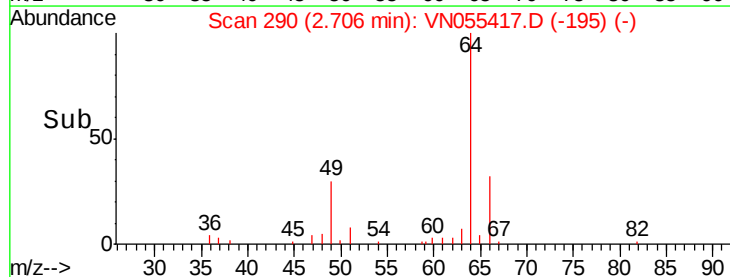
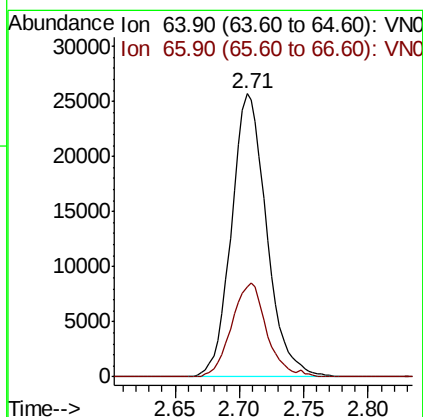
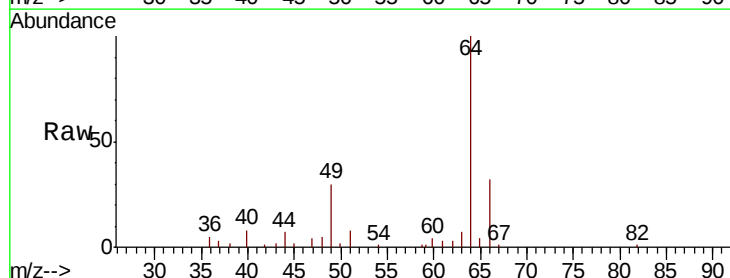
Instrument :
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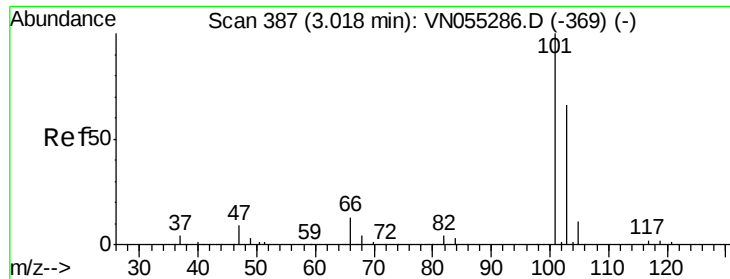
Tot Ion: 94 Resp: 47639
Ion Ratio Lower Upper
94 100
96 87.8 76.0 114.0



#6
Chloroethane
Concen: 19.346 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.01 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 64 Resp: 48615
Ion Ratio Lower Upper
64 100
66 31.8 25.0 37.4



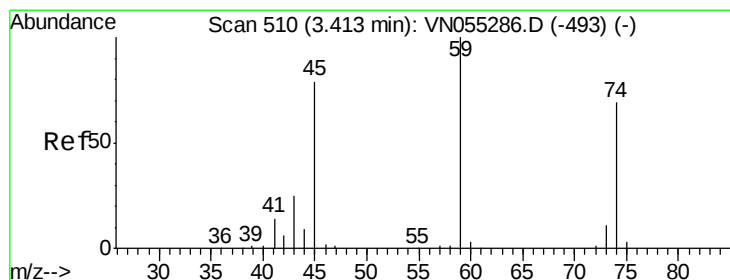
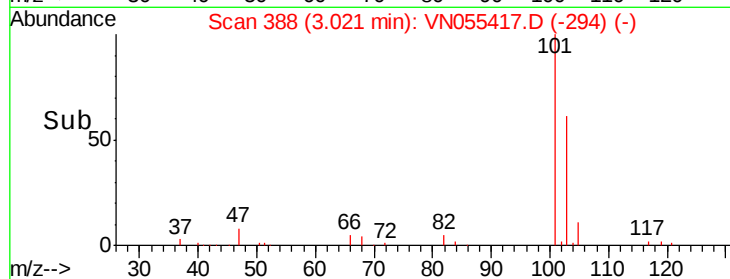
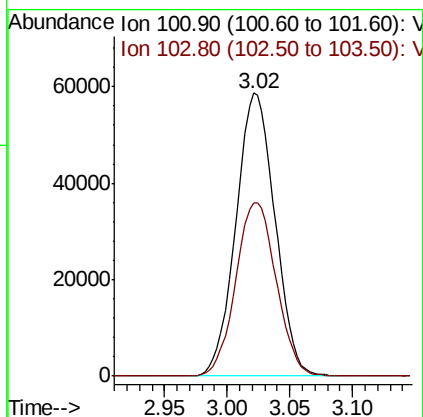
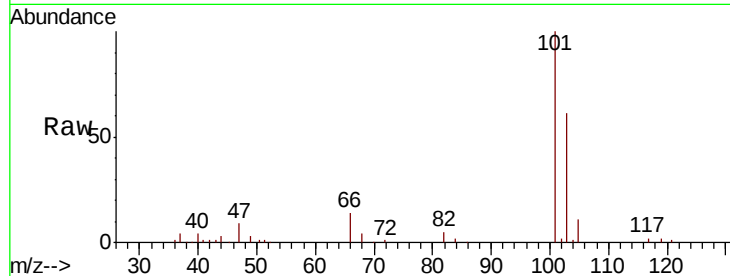


#7

Trichlorofluoromethane
 Concen: 19.247 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

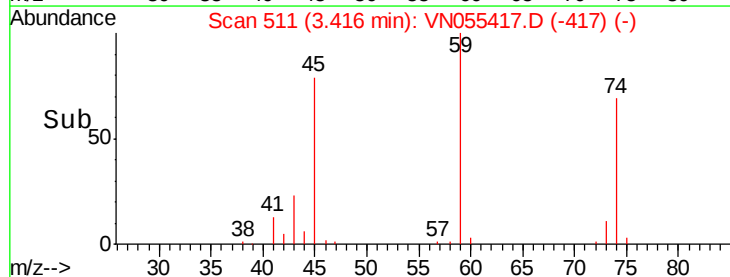
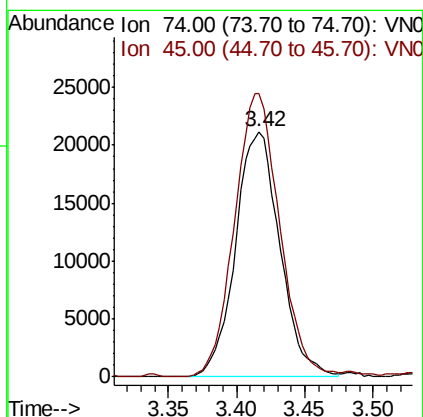
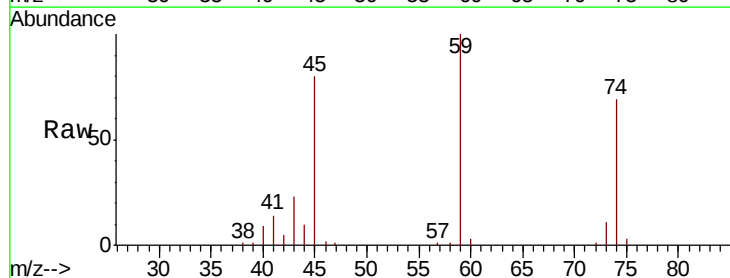
Tot Ion:101 Resp: 126956
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.6 79.0

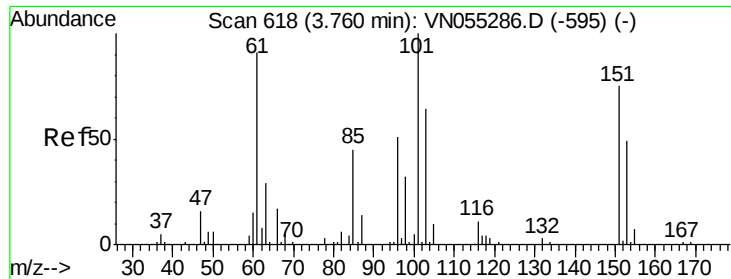


#8

Diethyl Ether
 Concen: 20.725 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion: 74 Resp: 47828
 Ion Ratio Lower Upper
 74 100
 45 117.5 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.478 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

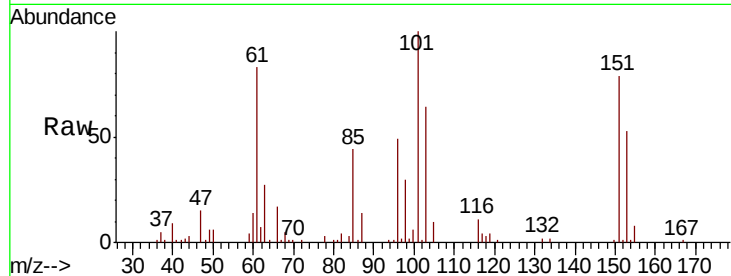
Tot Ion:101 Resp: 76508

Ion Ratio Lower Upper

101 100

85 45.3 35.7 53.5

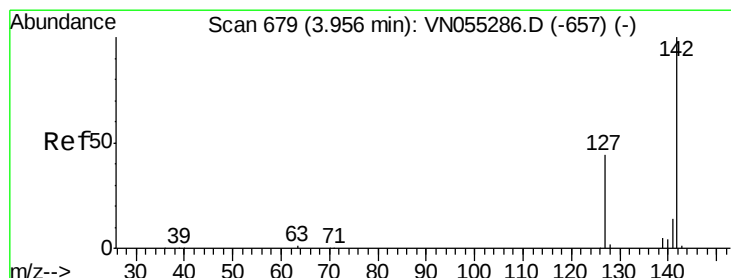
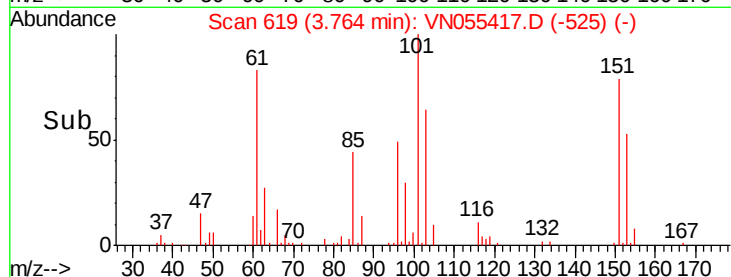
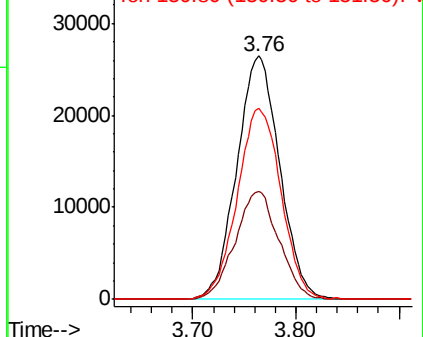
151 80.0 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.352 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

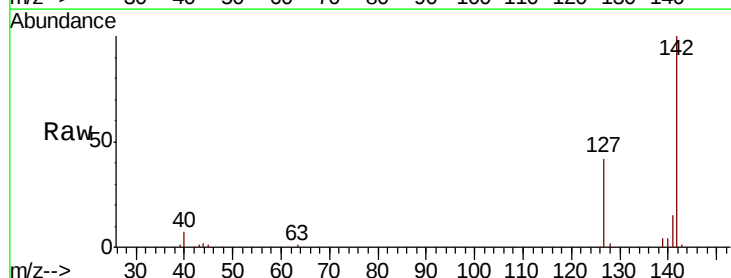
Tgt Ion:142 Resp: 101447

Ion Ratio Lower Upper

142 100

127 42.1 34.4 51.6

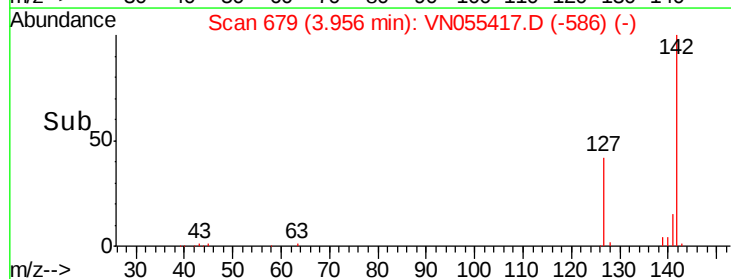
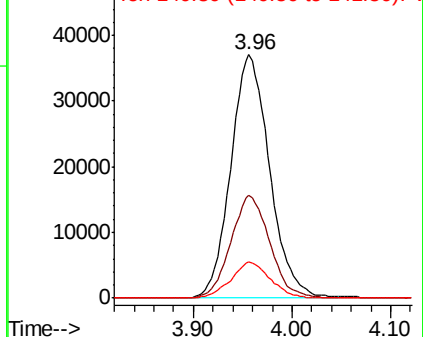
141 14.9 11.5 17.3

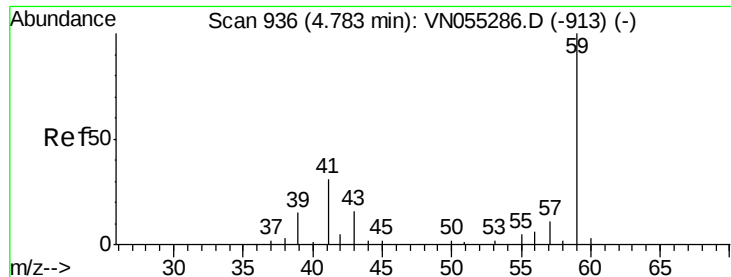


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

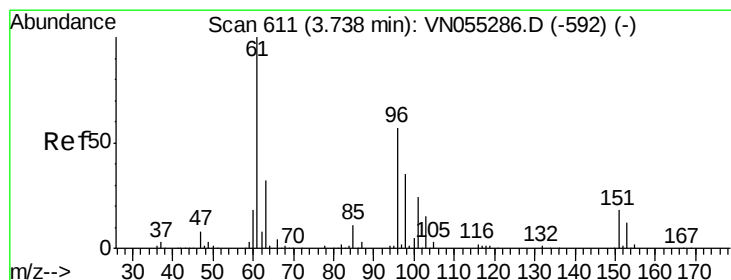
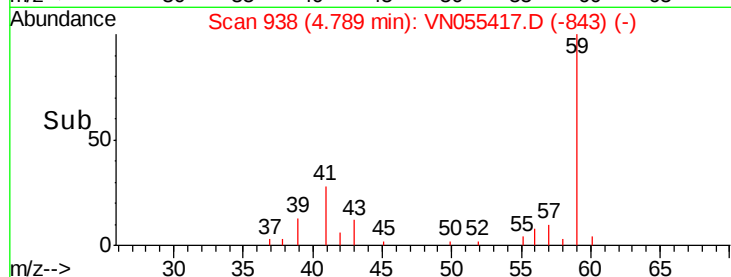
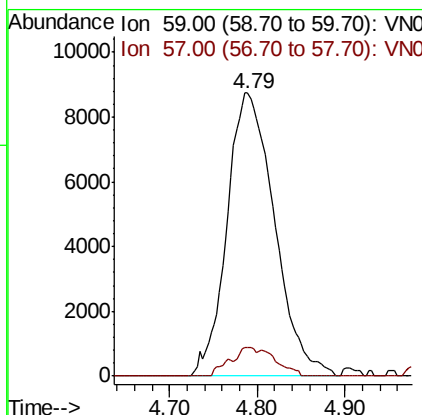
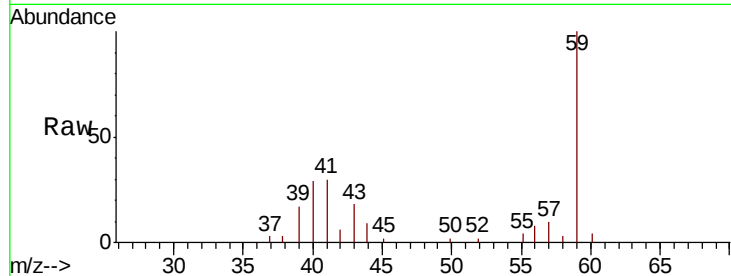




#11
Tert butyl alcohol
Concen: 115.906 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

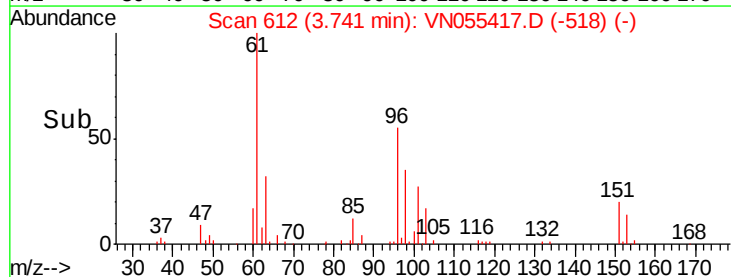
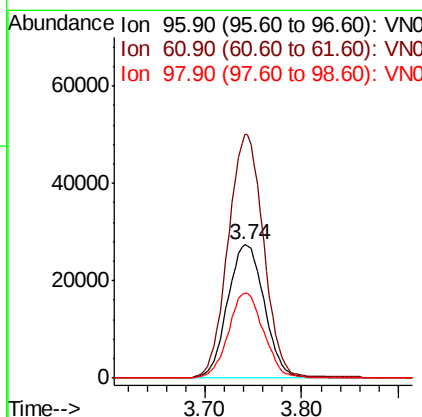
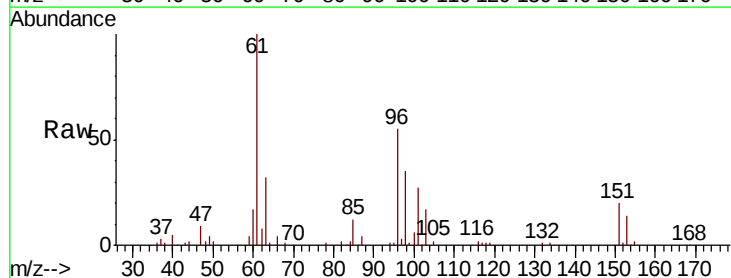
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

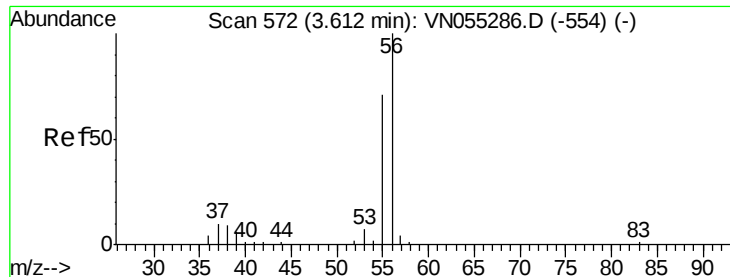
Tot Ion: 59 Resp: 32930
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 19.360 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 96 Resp: 72542
Ion Ratio Lower Upper
96 100
61 183.0 140.9 211.3
98 63.8 50.0 75.0





#13

Acrolein

Concen: 73.972 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

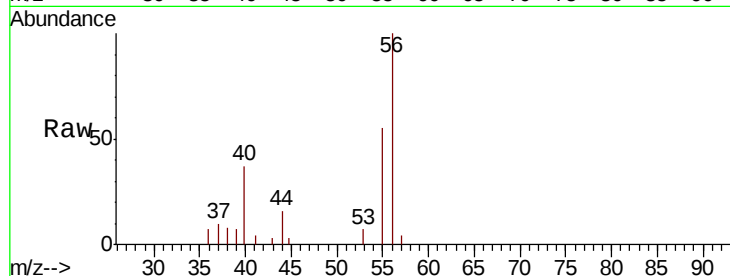
VN0506MBS01

Tot Ion: 56 Resp: 16413

Ion Ratio Lower Upper

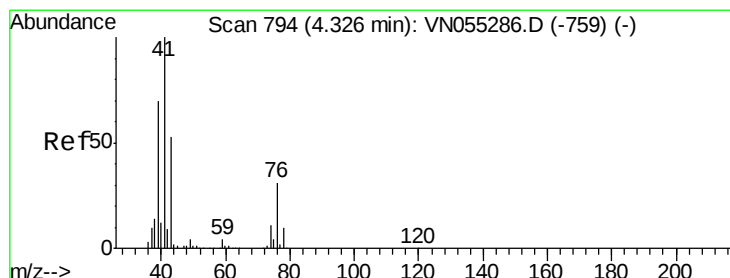
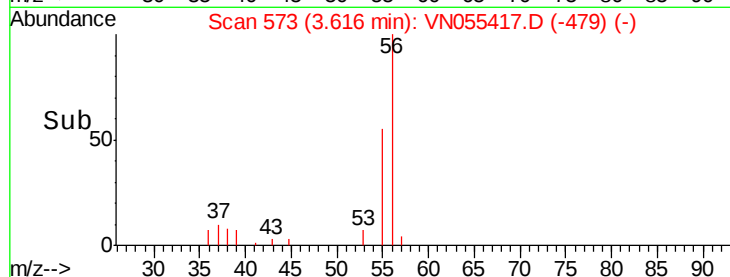
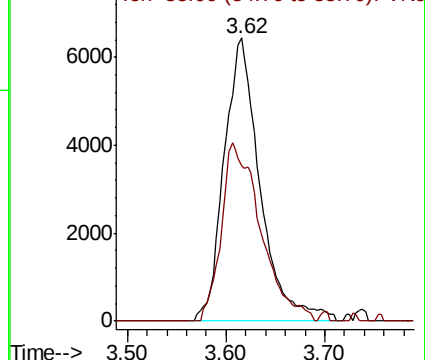
56 100

55 68.9 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 19.158 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

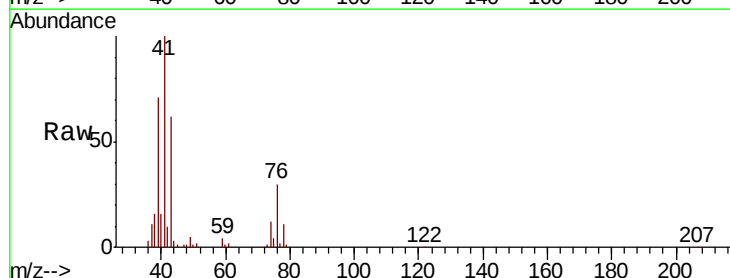
Tgt Ion: 41 Resp: 148676

Ion Ratio Lower Upper

41 100

39 67.3 53.0 79.6

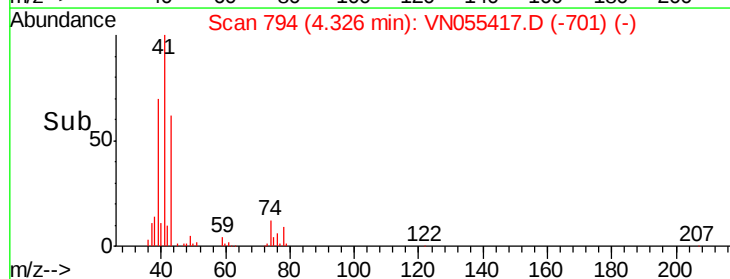
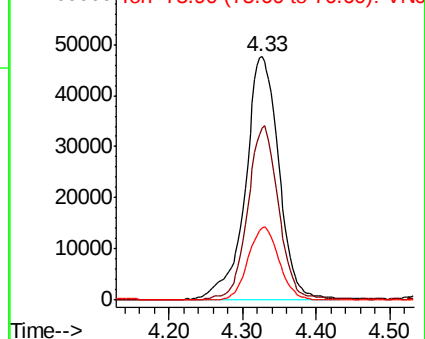
76 28.1 22.7 34.1

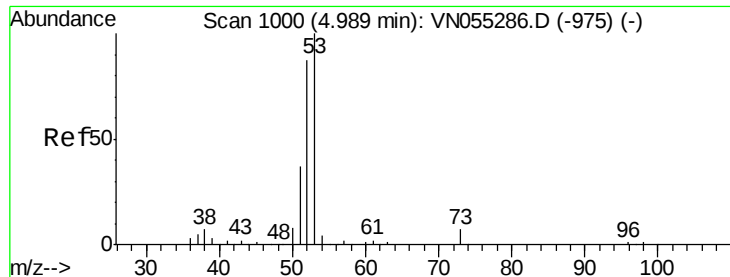


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 106.852 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

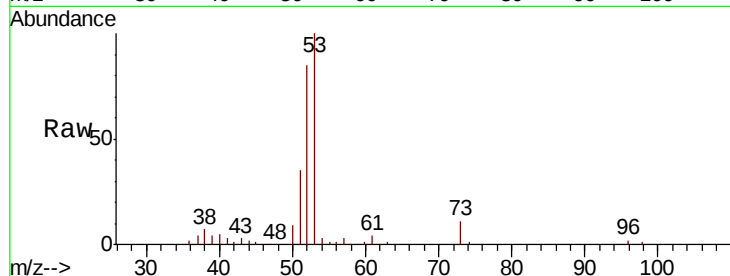
Tot Ion: 53 Resp: 170638

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

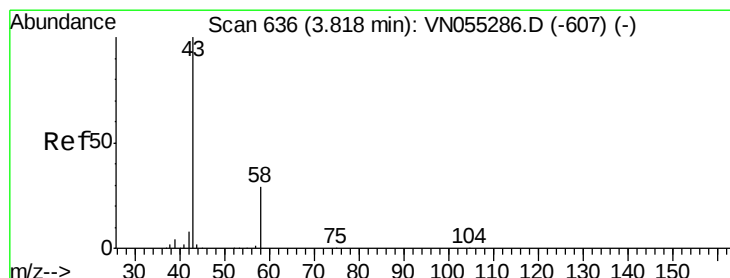
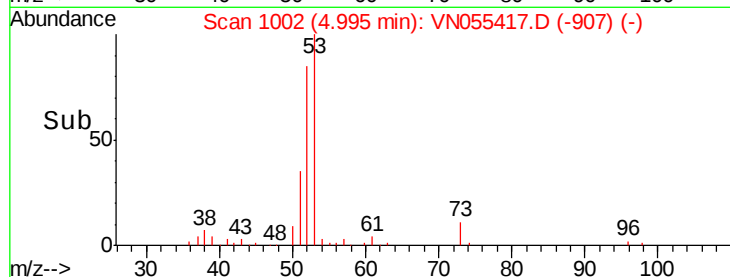
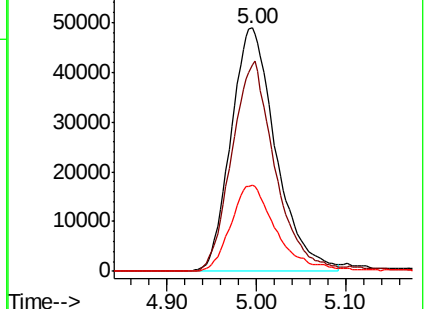
51 34.6 29.6 44.4



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: 84.786 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055417.D

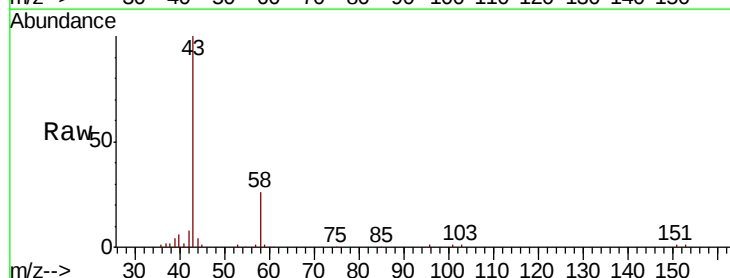
Acq: 6 May 2019 15:50

Tgt Ion: 43 Resp: 131097

Ion Ratio Lower Upper

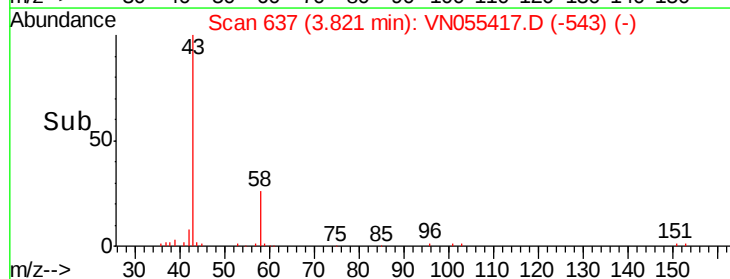
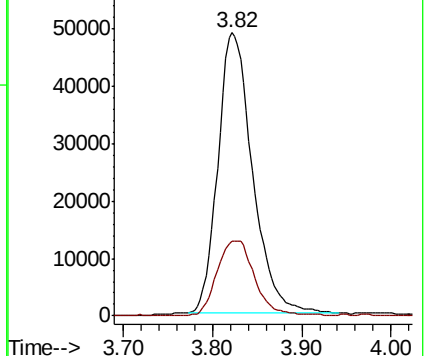
43 100

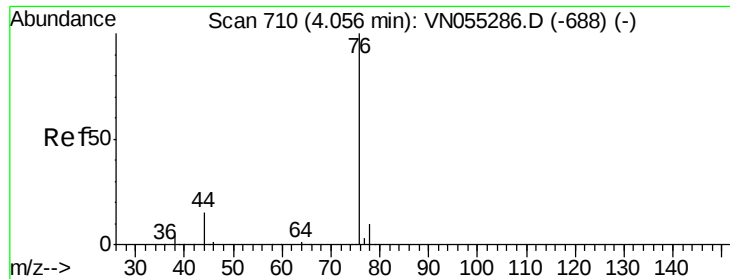
58 26.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

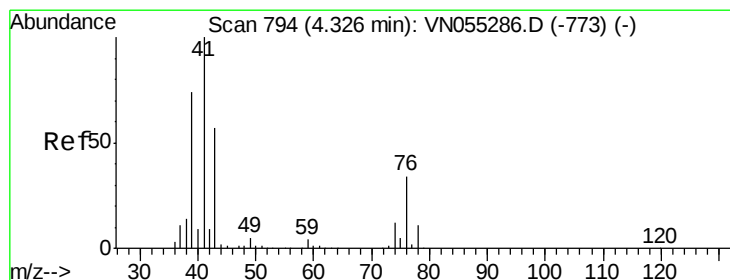
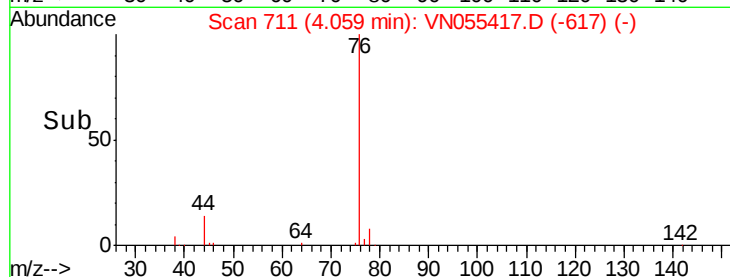
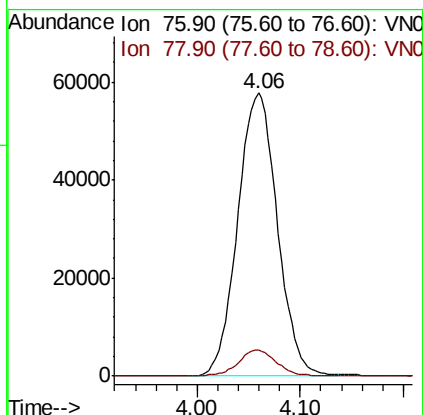
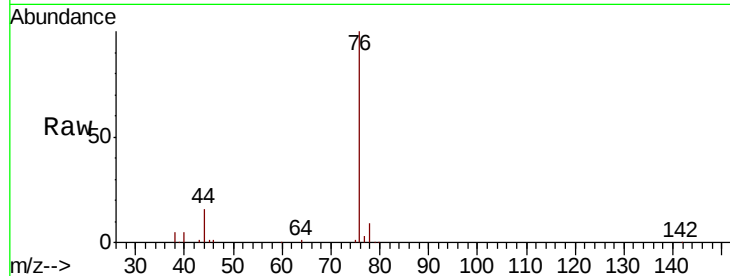




#17
Carbon Disulfide
Concen: 15.775 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

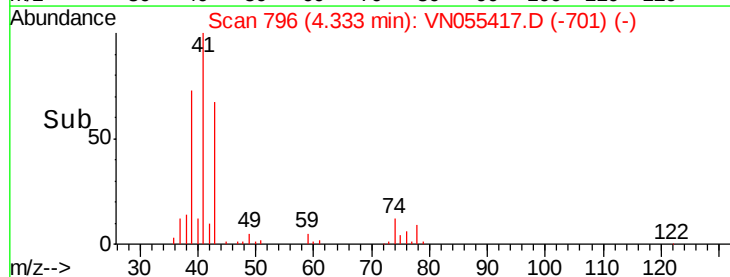
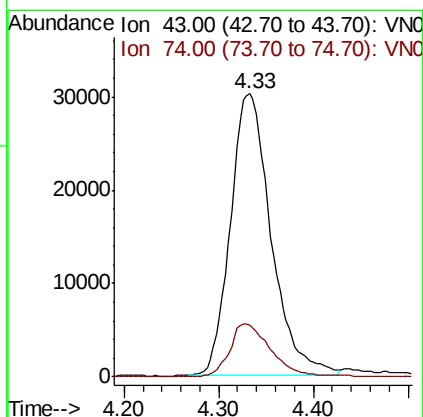
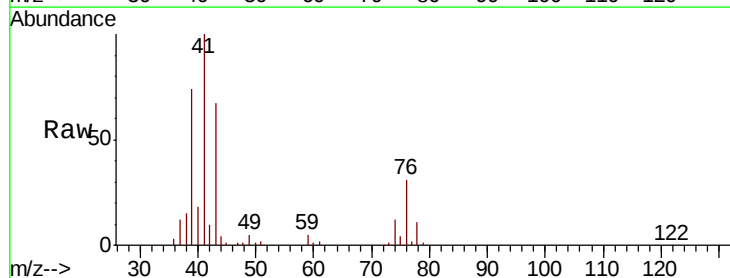
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

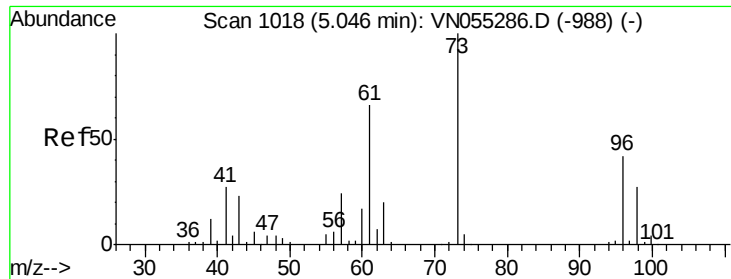
Tot Ion: 76 Resp: 154261
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 23.406 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 43 Resp: 90235
Ion Ratio Lower Upper
43 100
74 18.8 15.8 23.8

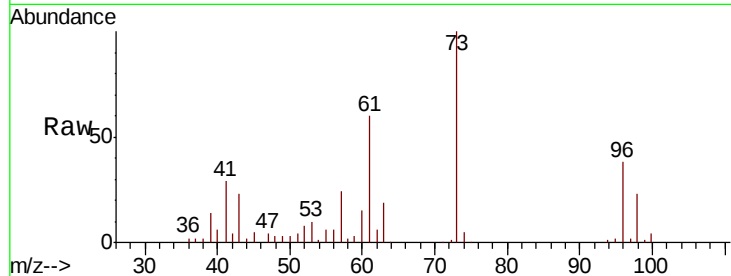




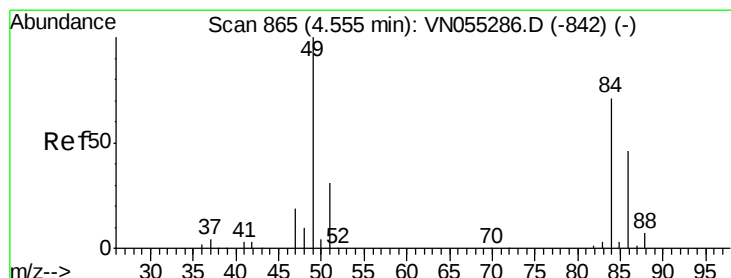
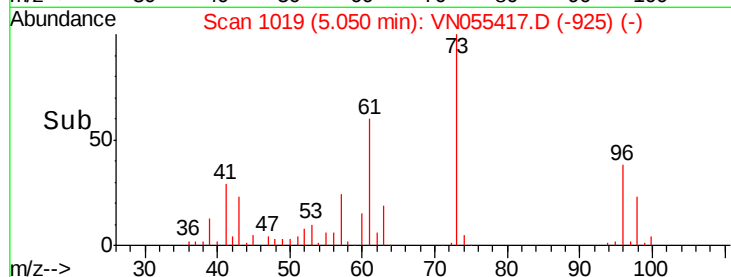
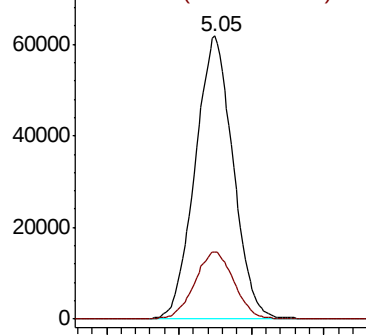
#19
Methvl tert-butvl Ether
Concen: 21.328 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tot Ion: 73 Resp: 224667
Ion Ratio Lower Upper
73 100
57 23.9 19.1 28.7

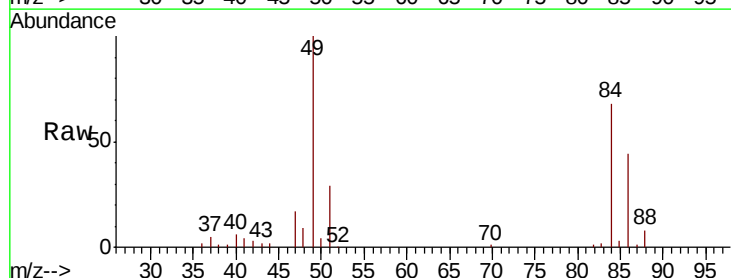


Abundance Ion 73.00 (72.70 to 73.70): VN055286.D (-988) (-)
Ion 57.00 (56.70 to 57.70): VN055286.D (-988) (-)

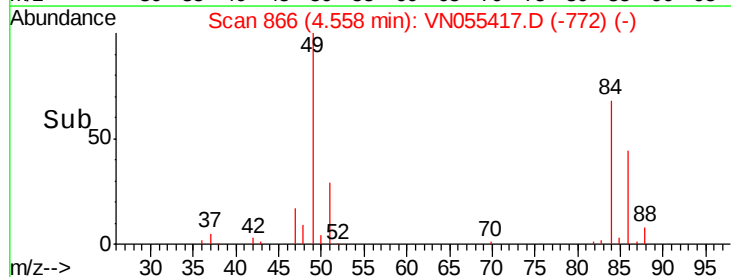
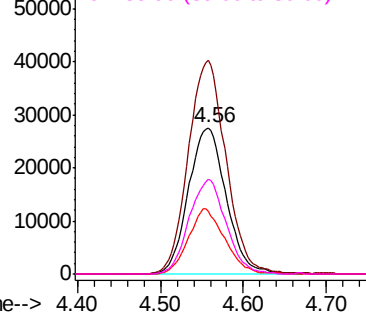


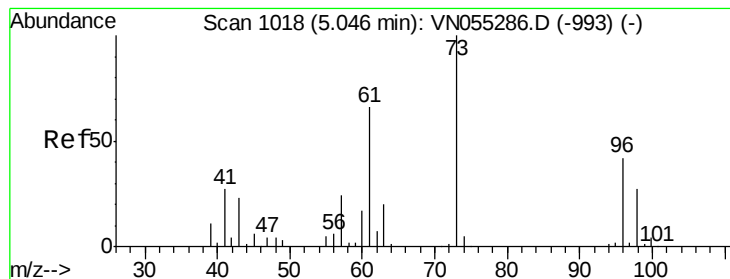
#20
Methylene Chloride
Concen: 18.497 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 84 Resp: 87299
Ion Ratio Lower Upper
84 100
49 146.1 112.4 168.6
51 42.5 34.6 51.8
86 64.8 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN055286.D (-842) (-)
Ion 48.90 (48.60 to 49.60): VN055286.D (-842) (-)
Ion 50.90 (50.60 to 51.60): VN055286.D (-842) (-)
Ion 85.90 (85.60 to 86.60): VN055286.D (-842) (-)





#21

trans-1,2-Dichloroethene

Concen: 19.071 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

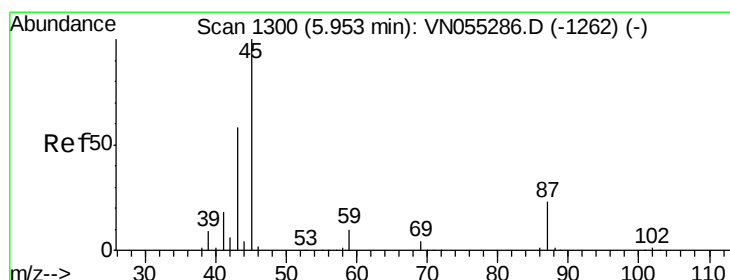
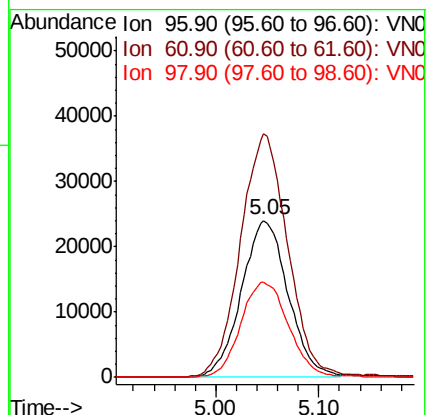
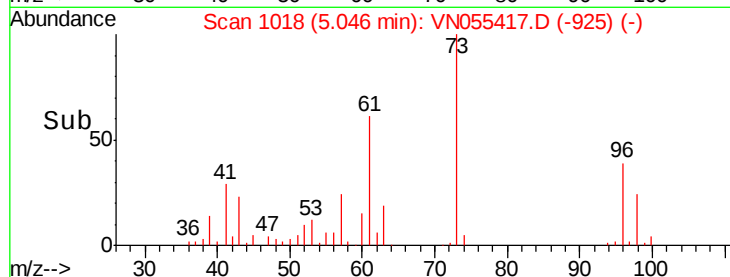
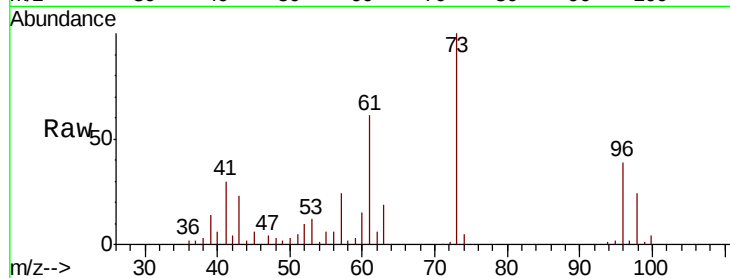
Tot Ion: 96 Resp: 75682

Ion Ratio Lower Upper

96 100

61 154.5 126.2 189.4

98 60.8 52.2 78.2



#22

Diisopropyl ether

Concen: 21.187 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Tgt Ion: 45 Resp: 326696

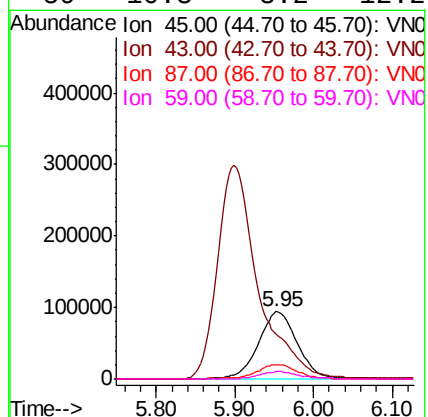
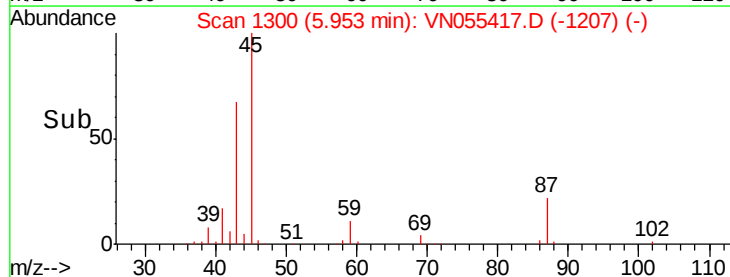
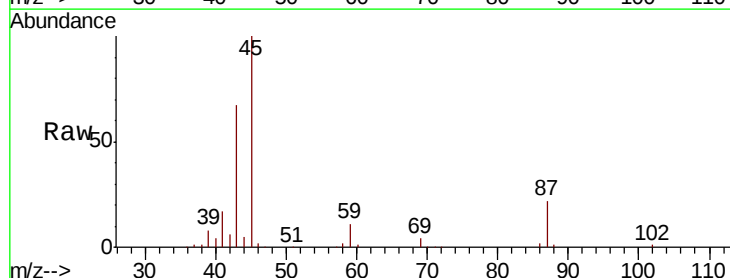
Ion Ratio Lower Upper

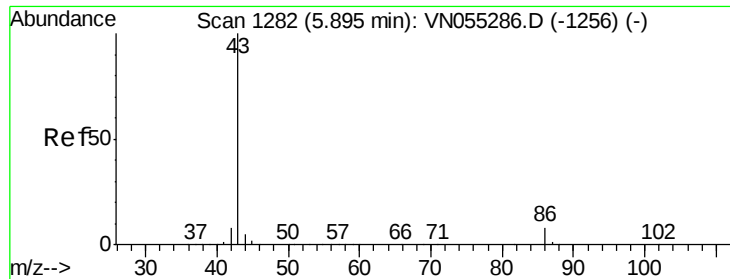
45 100

43 64.1 46.6 70.0

87 21.4 18.1 27.1

59 10.3 8.2 12.2

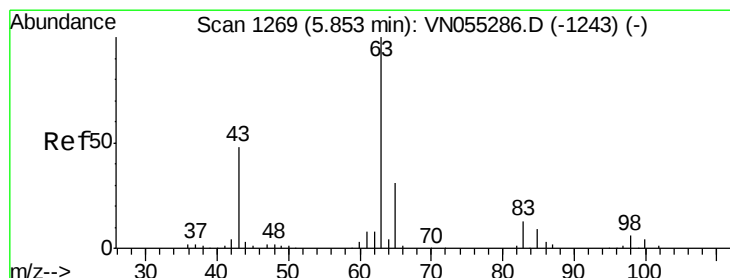
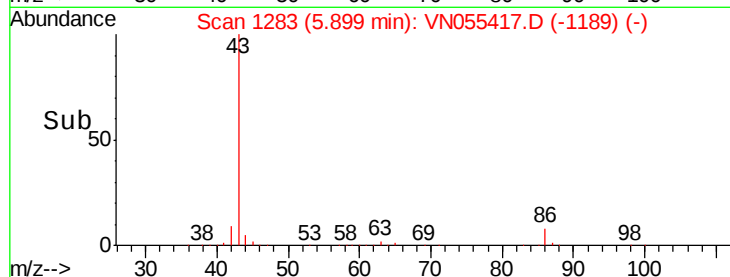
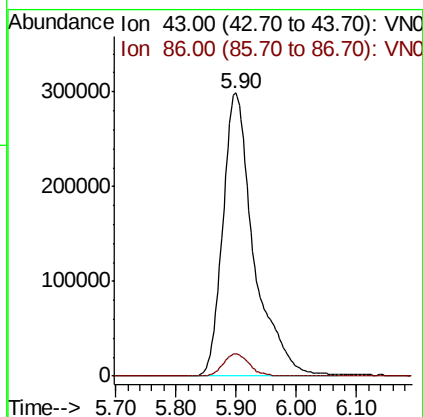
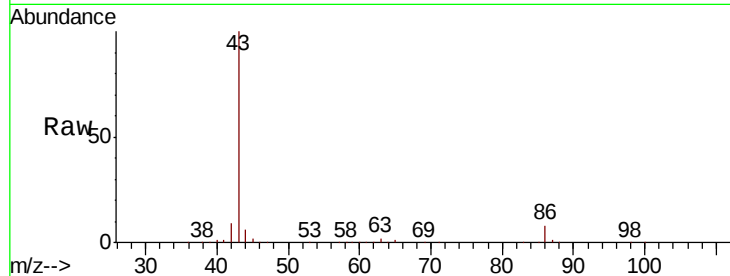




#23
 Vinyl Acetate
 Concen: 105.832 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

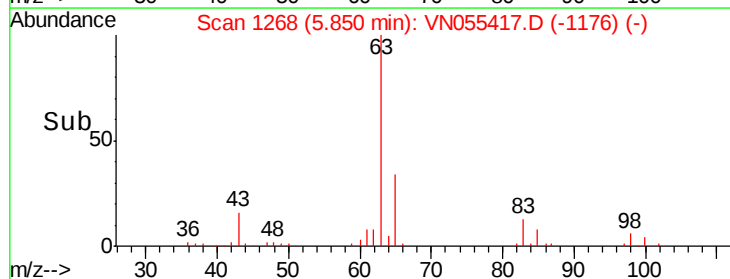
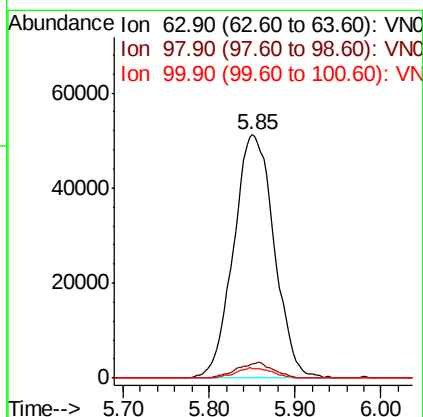
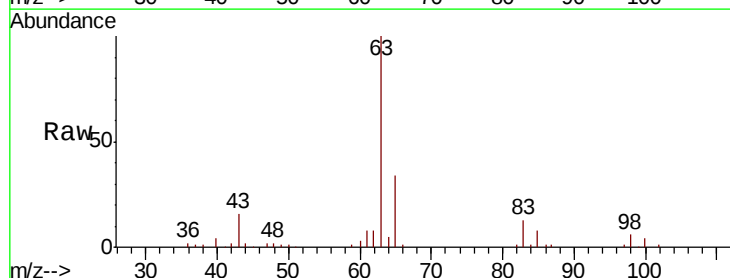
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

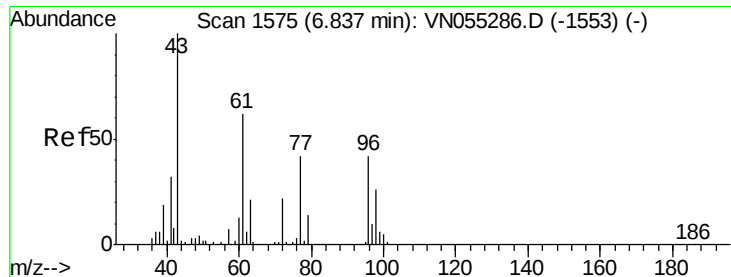
Tot Ion: 43 Resp: 1069530
 Ion Ratio Lower Upper
 43 100
 86 7.9 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 20.407 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion: 63 Resp: 167658
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.0 9.0
 100 4.0 1.8 5.4





#25

2-Butanone

Concen: 105.948 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

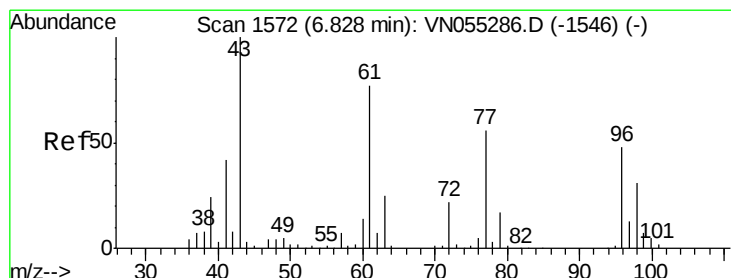
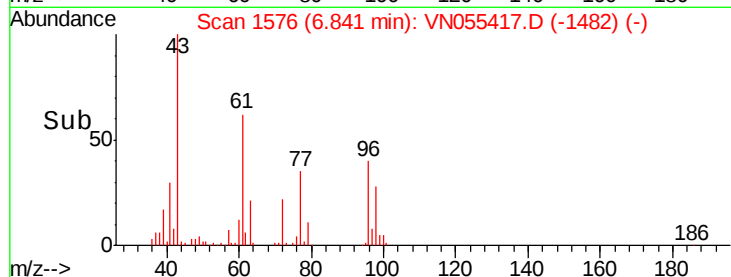
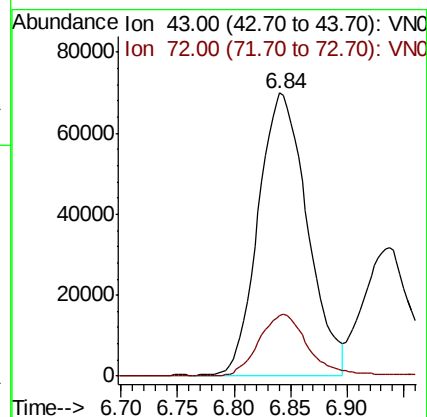
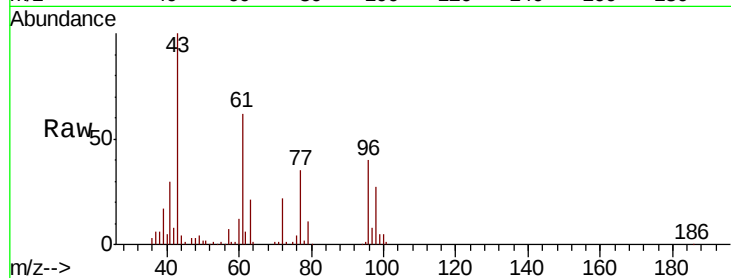
VN0506MBS01

Tot Ion: 43 Resp: 209502

Ion Ratio Lower Upper

43 100

72 21.6 18.0 27.0



#26

2,2-Dichloropropane

Concen: 17.335 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055417.D

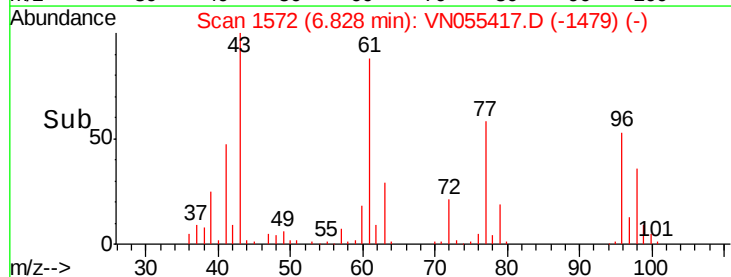
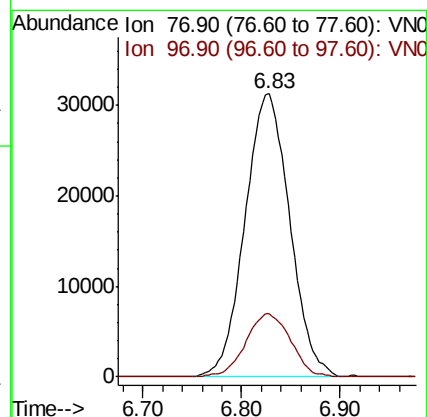
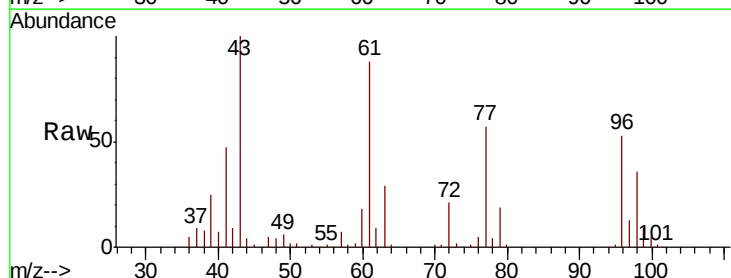
Acq: 6 May 2019 15:50

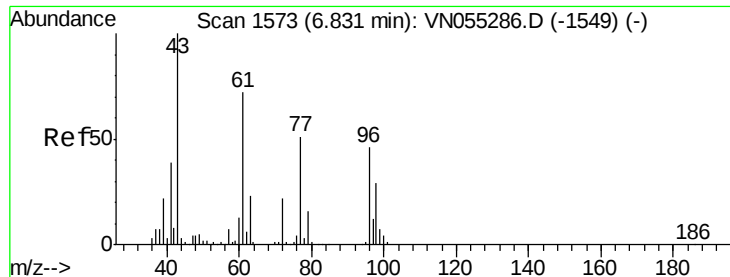
Tgt Ion: 77 Resp: 98346

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2

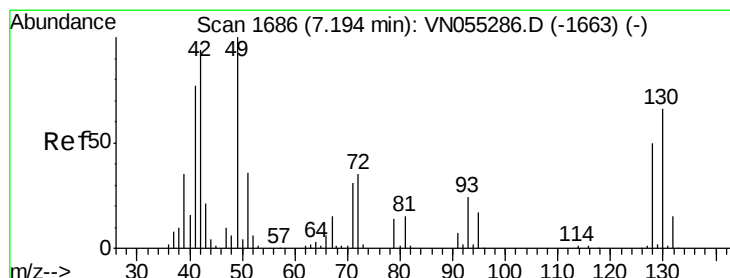
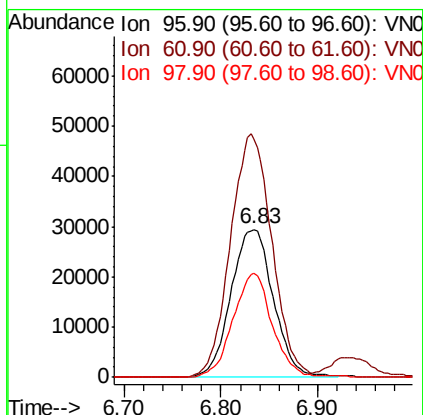
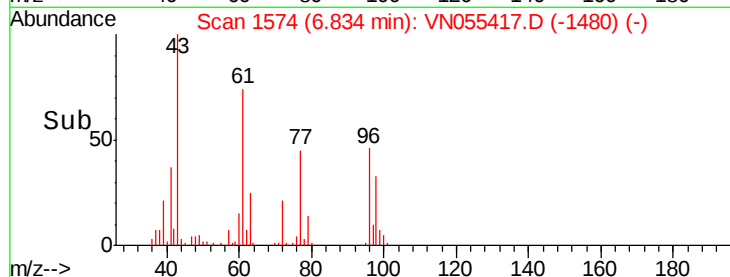
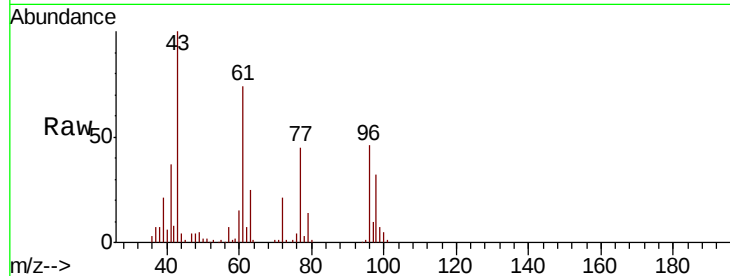




#27
 cis-1,2-Dichloroethene
 Concen: 19.885 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

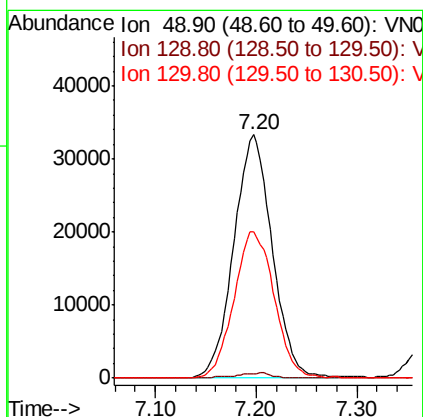
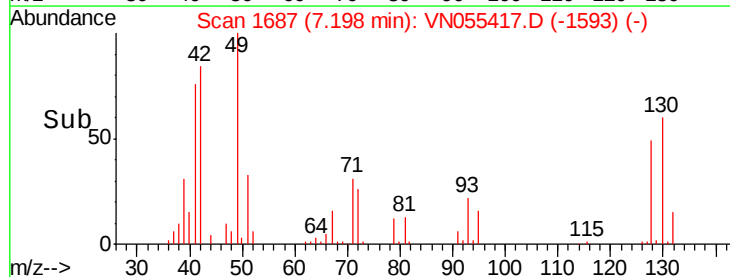
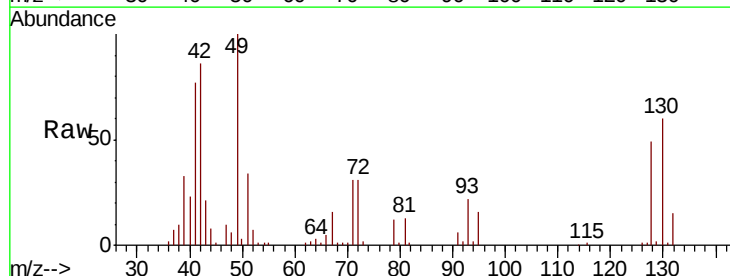
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

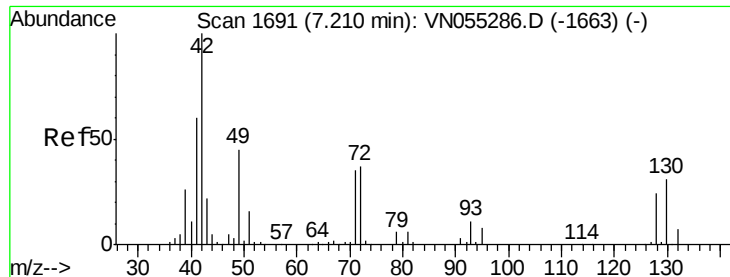
Tot Ion: 96 Resp: 89738
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 316.2
 98 64.9 0.0 126.6



#28
 Bromochloromethane
 Concen: 21.273 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion: 49 Resp: 88097
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 2.4
 130 62.8 52.0 78.0





#29

Tetrahydrofuran

Concen: 111.238 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

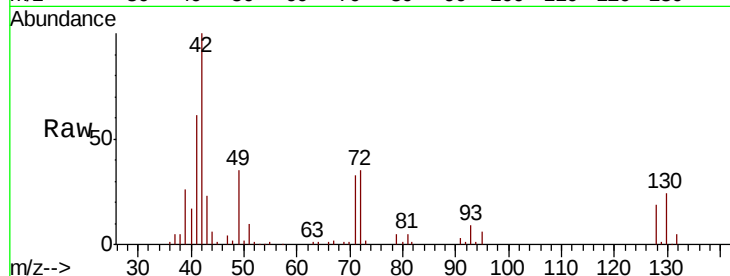
Tot Ion: 42 Resp: 140849

Ion Ratio Lower Upper

42 100

72 36.7 29.0 43.6

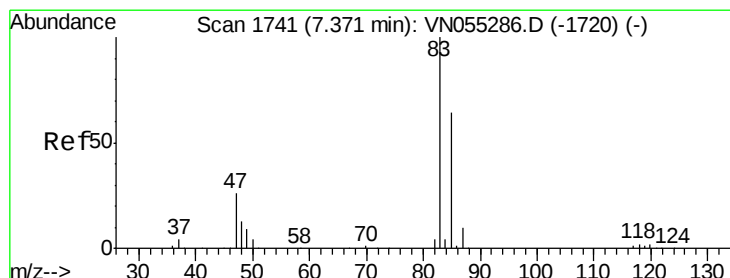
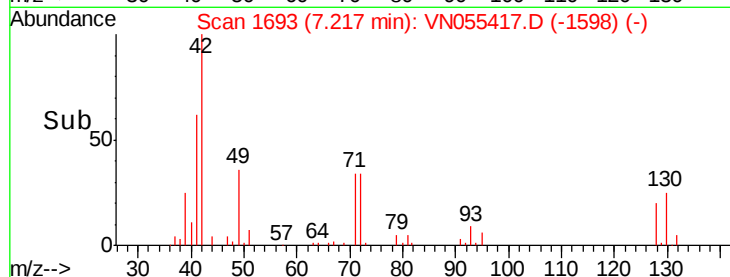
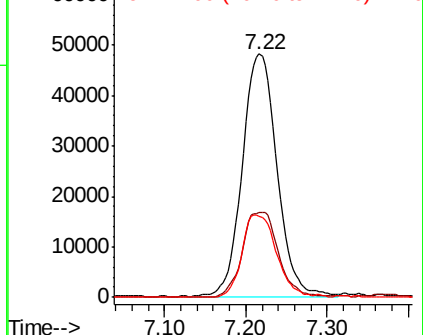
71 33.8 27.1 40.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 20.010 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055417.D

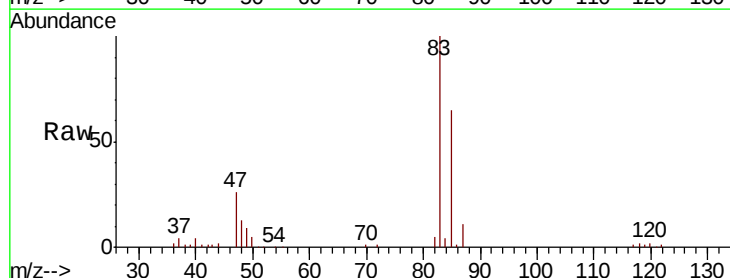
Acq: 6 May 2019 15:50

Tgt Ion: 83 Resp: 155836

Ion Ratio Lower Upper

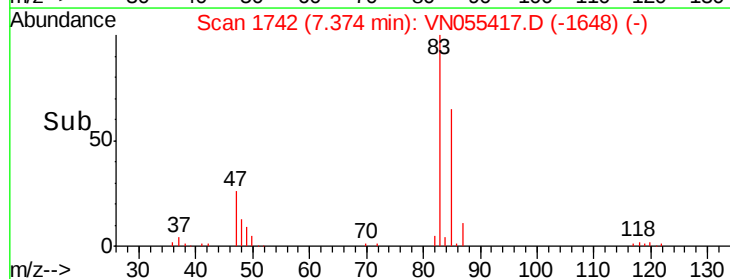
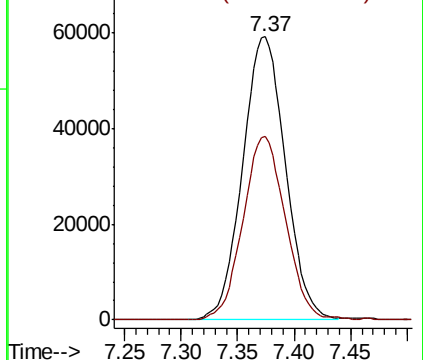
83 100

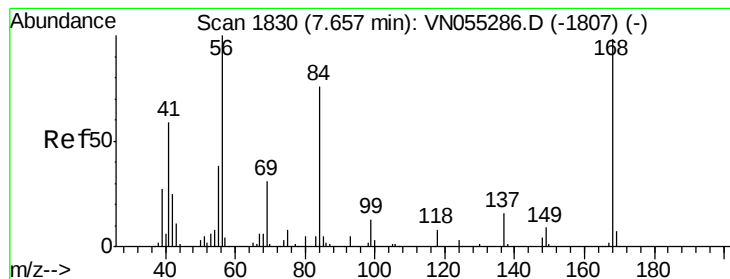
85 65.0 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.062 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

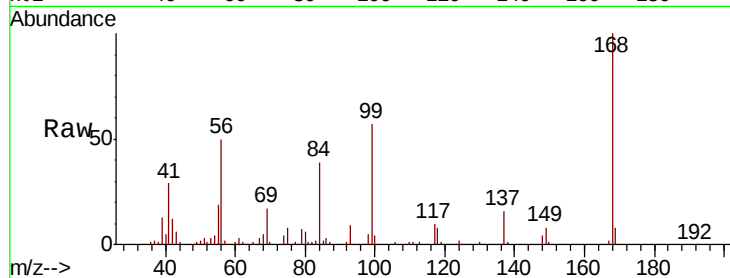
Tot Ion: 56 Resp: 148788

Ion Ratio Lower Upper

56 100

69 34.5 25.2 37.8

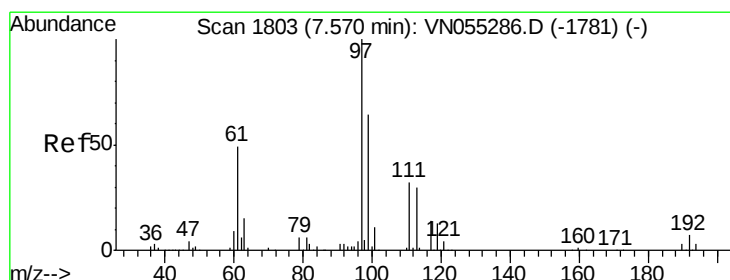
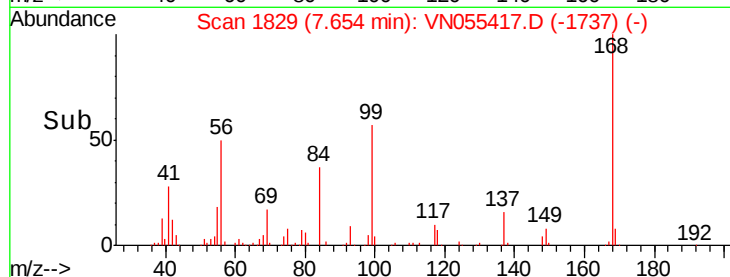
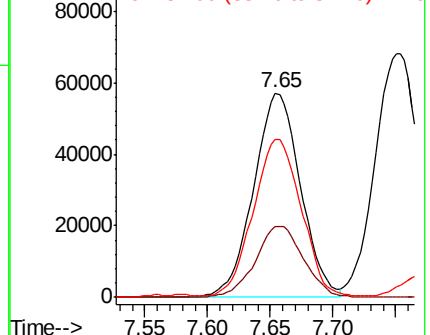
84 76.6 61.1 91.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.661 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

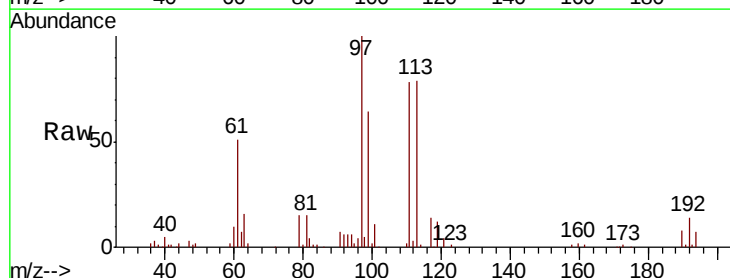
Tgt Ion: 97 Resp: 124275

Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.8

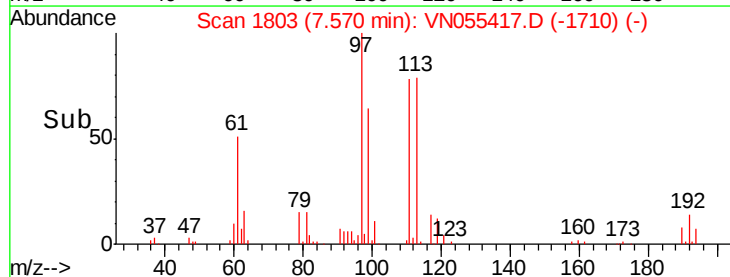
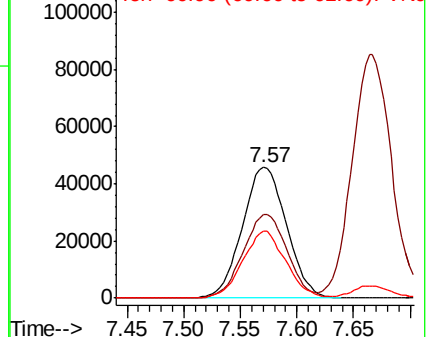
61 49.7 39.0 58.6

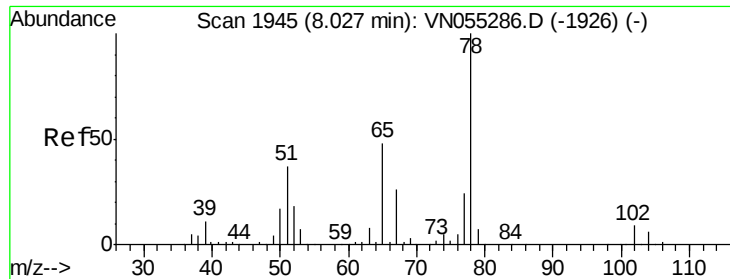


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

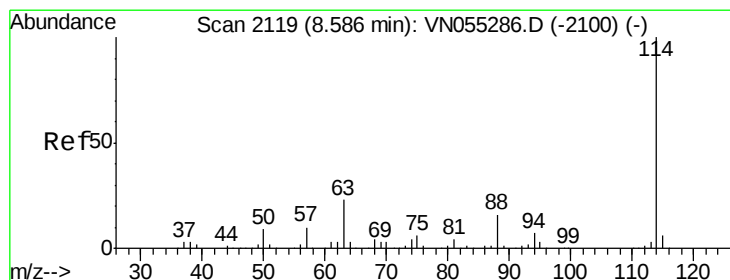
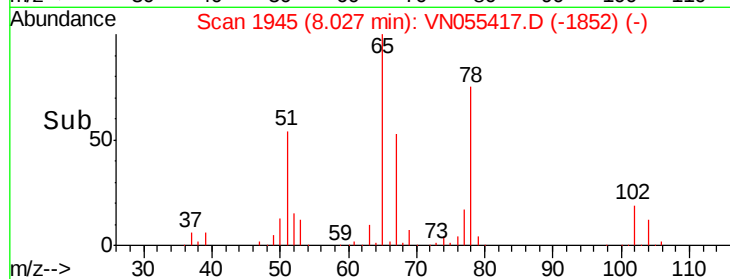
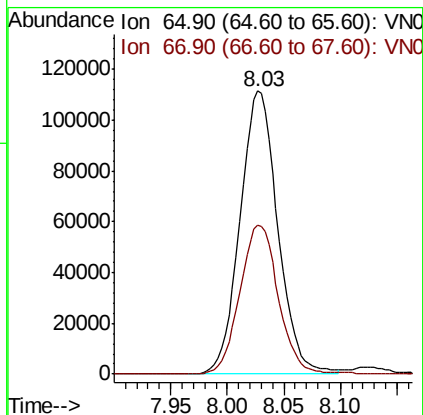
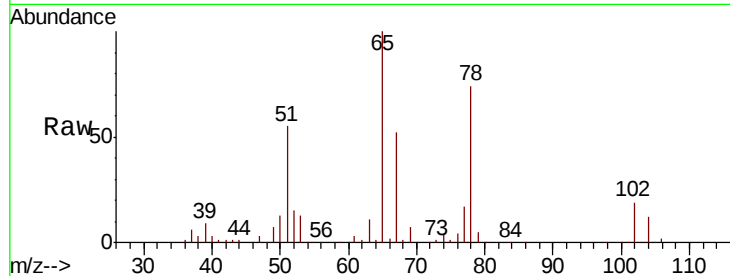




#33
 1,2-Dichloroethane-d4
 Concen: 52.216 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

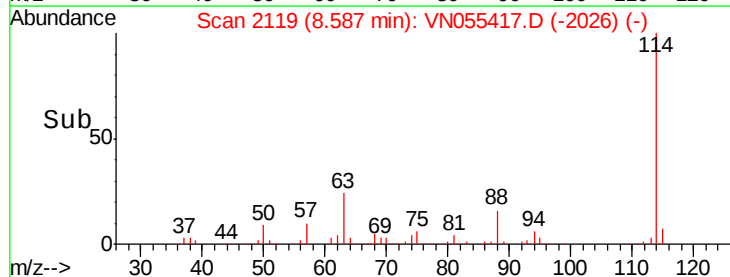
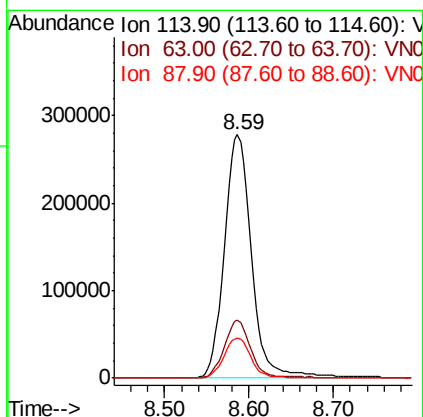
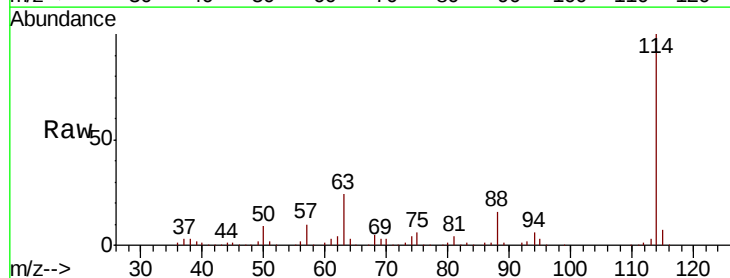
Instrument :
 MSVOA_N
 ClientSampled :
 VN0506MBS01

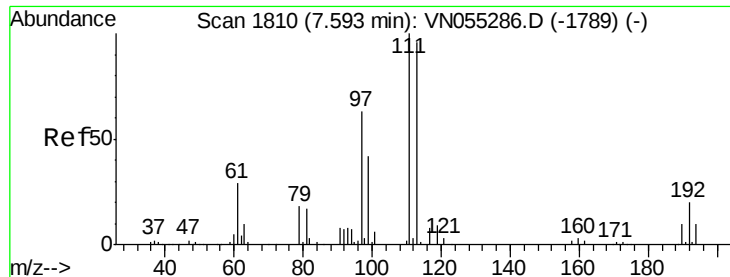
Tot Ion: 65 Resp: 259115
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion: 114 Resp: 622008
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.2
 88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.865 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

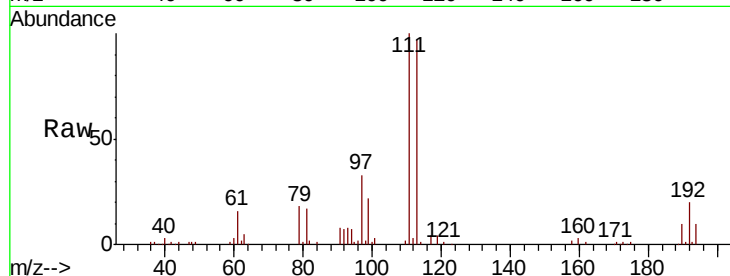
Tot Ion:113 Resp: 207665

Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

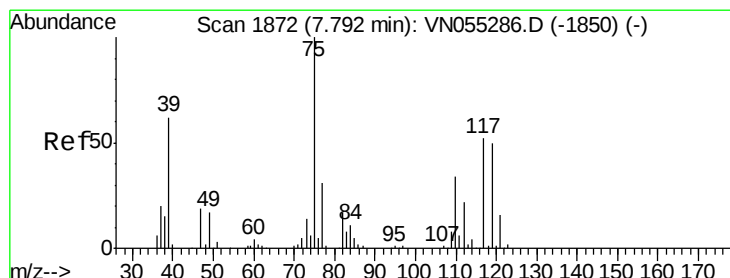
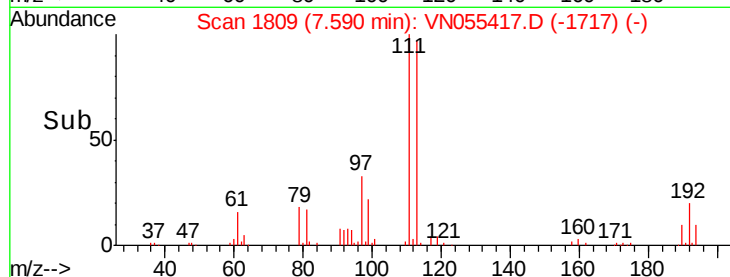
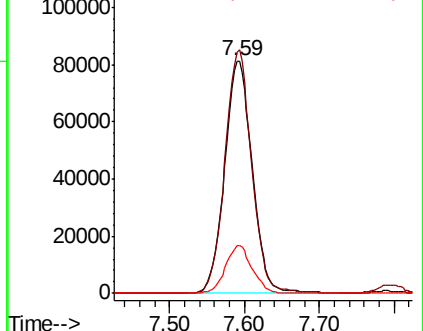
192 20.0 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.400 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

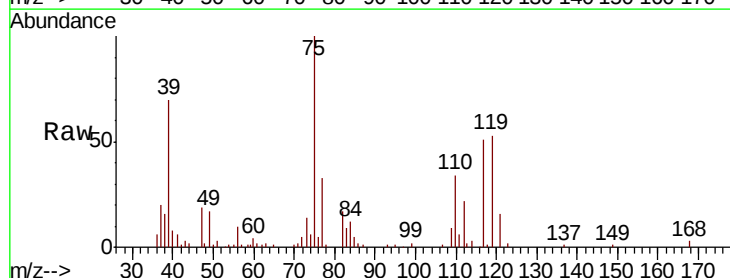
Tgt Ion: 75 Resp: 109627

Ion Ratio Lower Upper

75 100

110 32.7 16.8 50.4

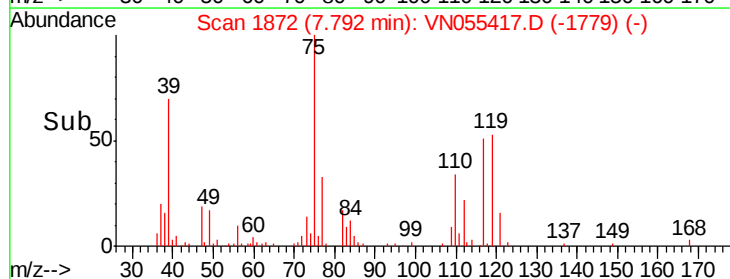
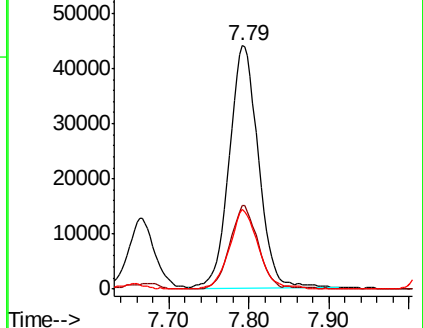
77 32.6 25.0 37.6

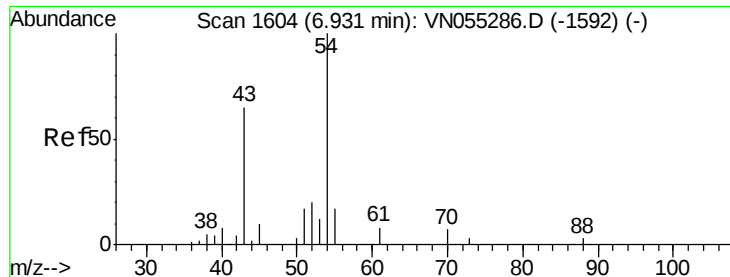


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

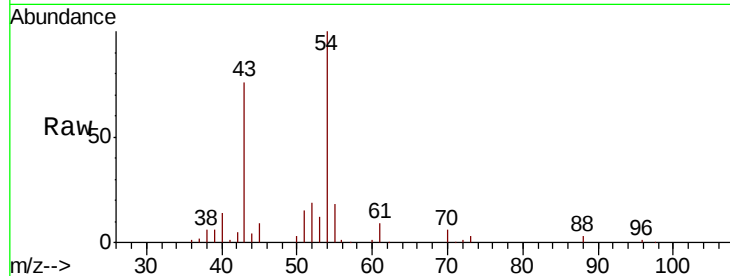




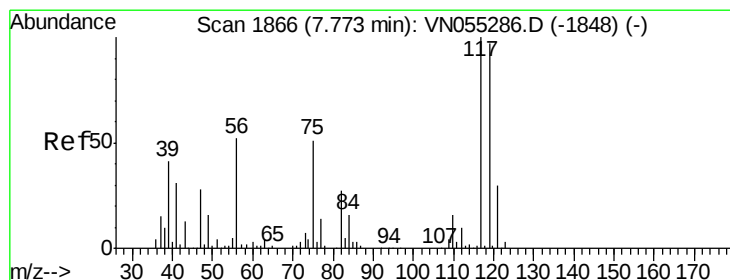
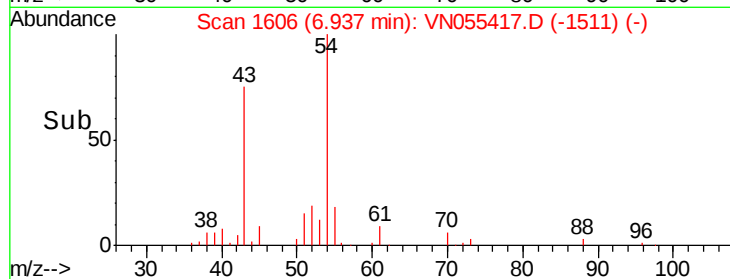
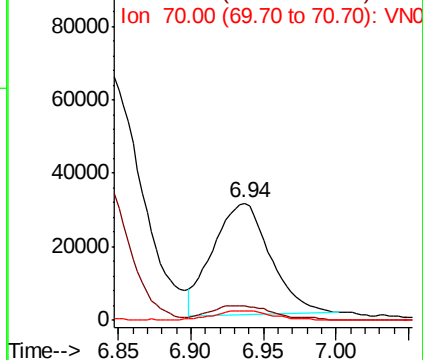
#37
Ethyl Acetate
Concen: 18.331 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tot Ion: 43 Resp: 83701
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 8.8 6.6 10.0

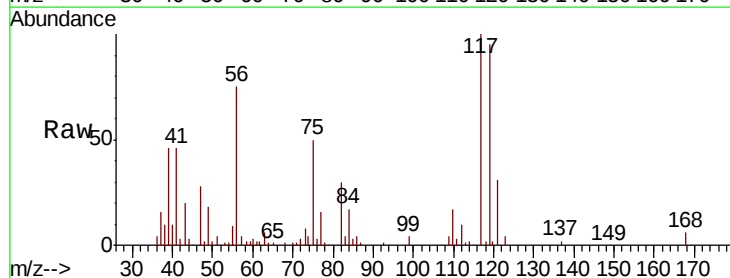


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

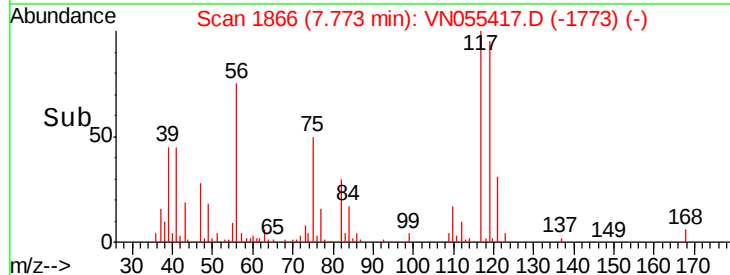
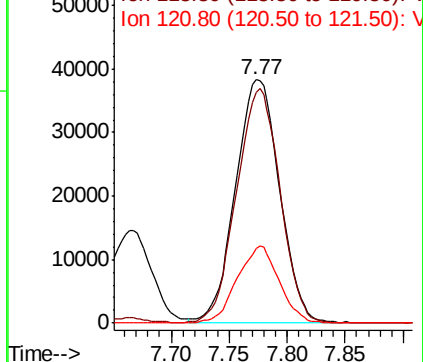


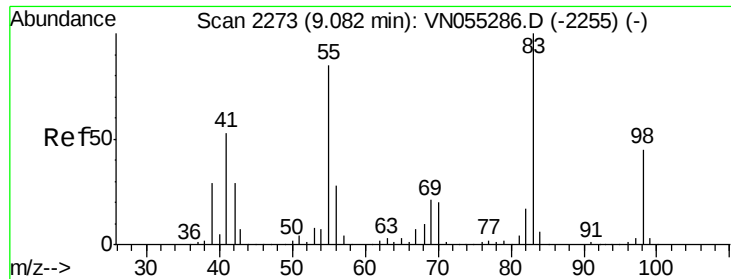
#38
Carbon Tetrachloride
Concen: 17.689 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 117 Resp: 101660
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6
121 30.9 23.8 35.8



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

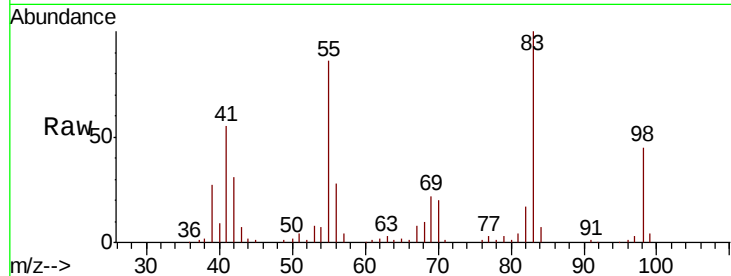




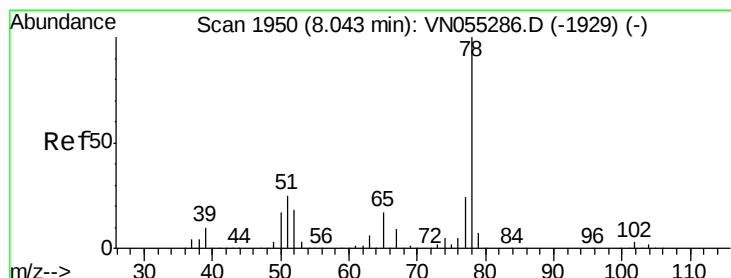
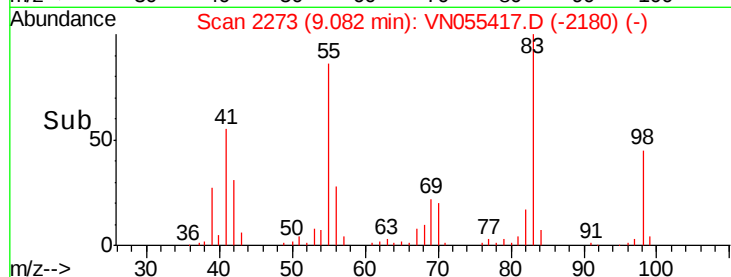
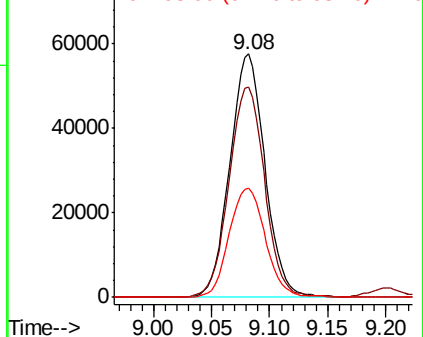
#39
Methvlcvclohexane
Concen: 19.107 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tot Ion: 83 Resp: 121033
Ion Ratio Lower Upper
83 100
55 86.0 67.8 101.6
98 44.6 36.2 54.4

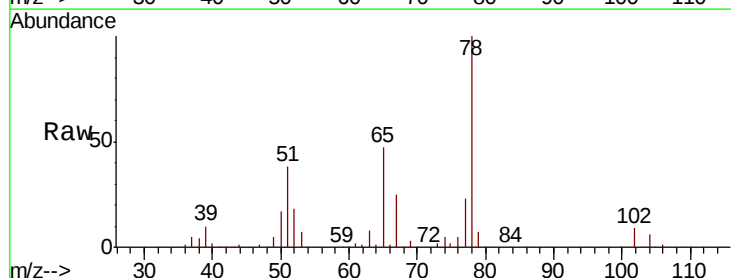


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

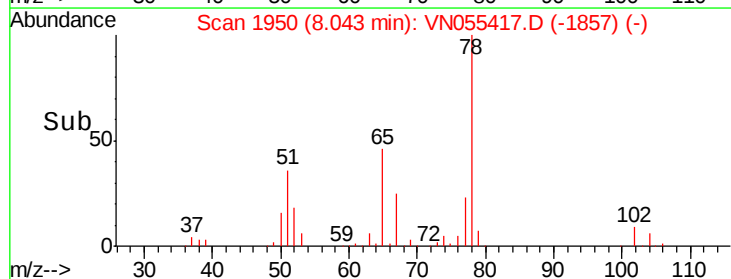
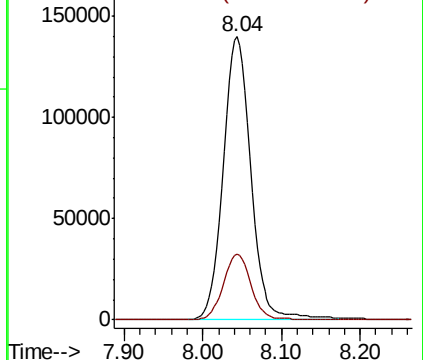


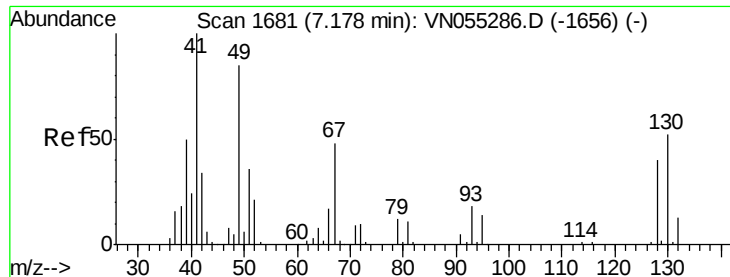
#40
Benzene
Concen: 19.398 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 78 Resp: 340703
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6



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

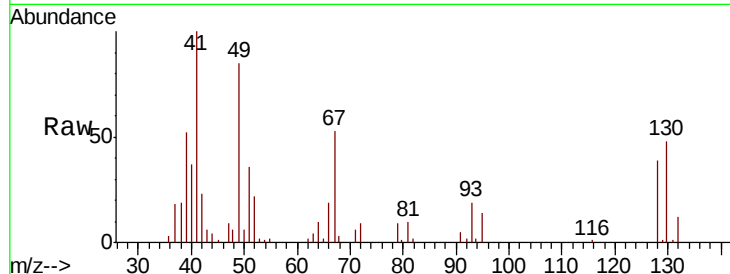




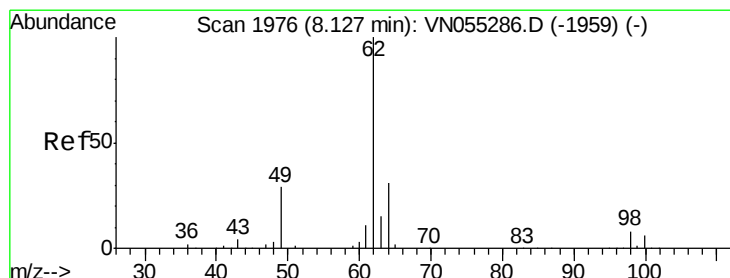
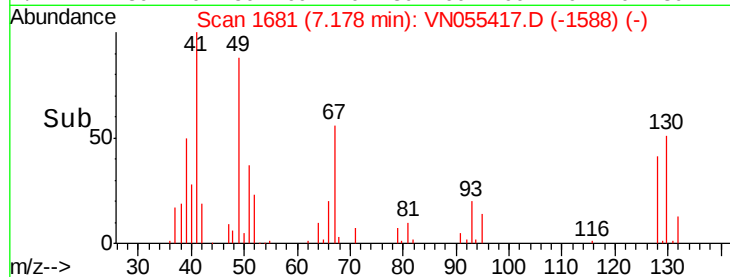
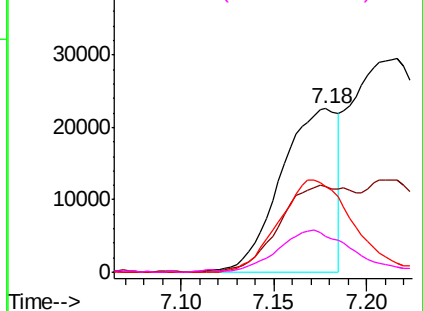
#41
Methacrylonitrile
Concen: 20.024 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tot Ion: 41 Resp: 48373
Ion Ratio Lower Upper
41 100
39 66.9 48.5 72.7
67 74.7 54.9 82.3
52 32.1 24.9 37.3

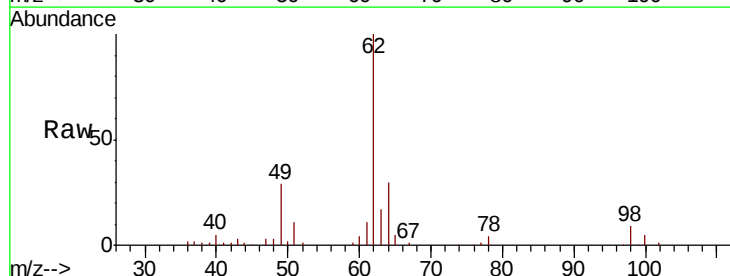


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

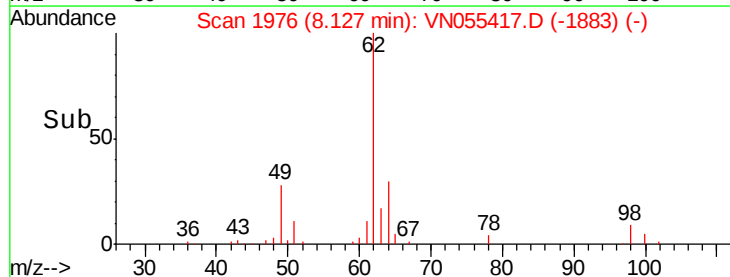
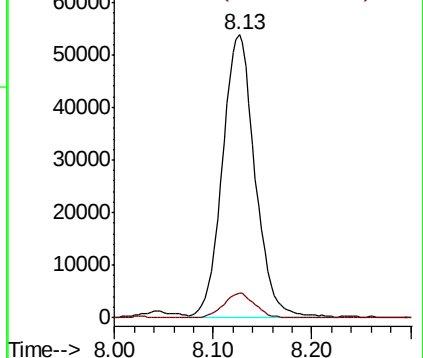


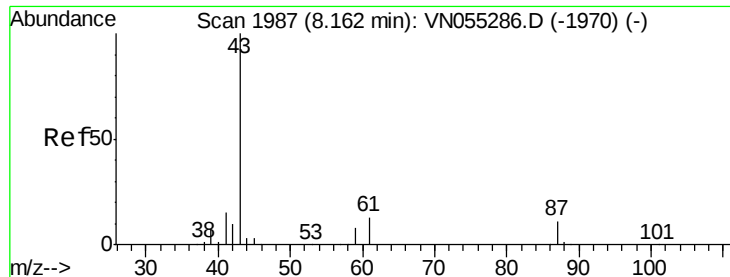
#42
1,2-Dichloroethane
Concen: 19.866 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 62 Resp: 123578
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.4



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





#43

Isopropyl Acetate

Concen: 21.796 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

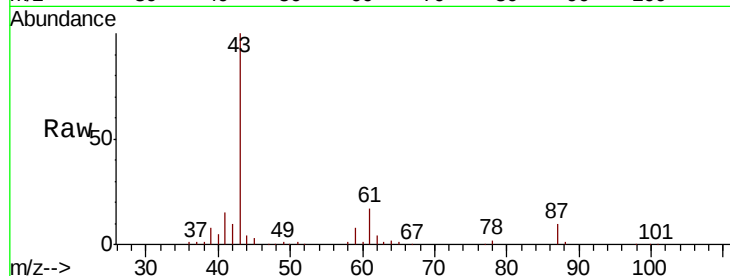
Tot Ion: 43 Resp: 159941

Ion Ratio Lower Upper

43 100

61 17.6 20.8 31.2#

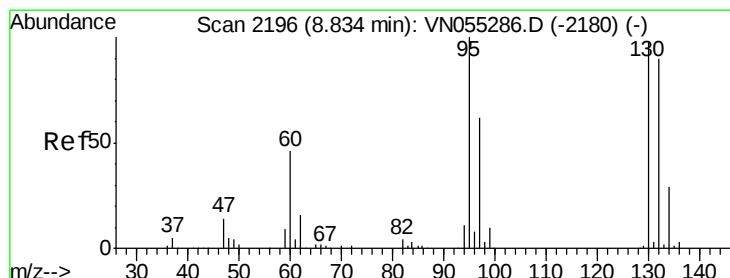
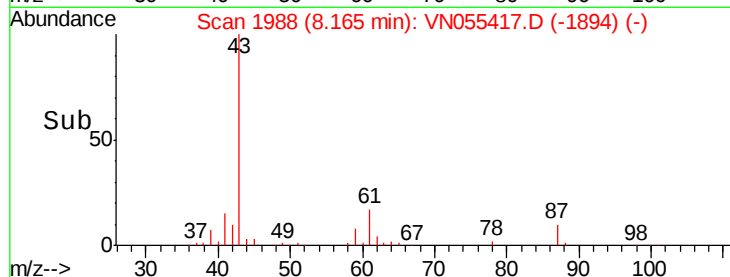
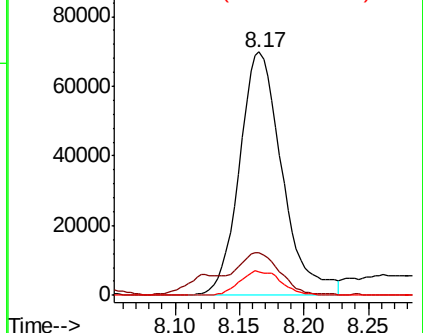
87 9.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#44

Trichloroethene

Concen: 18.198 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055417.D

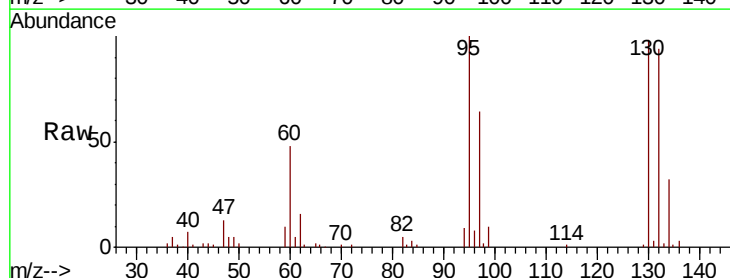
Acq: 6 May 2019 15:50

Tgt Ion:130 Resp: 81478

Ion Ratio Lower Upper

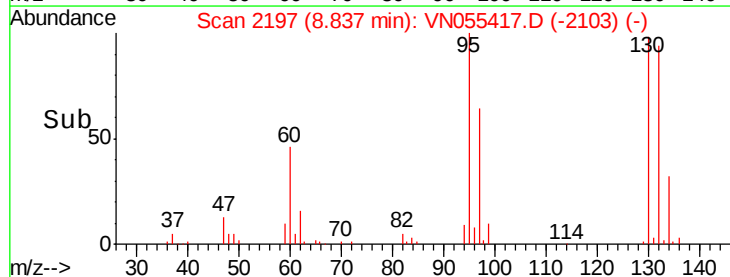
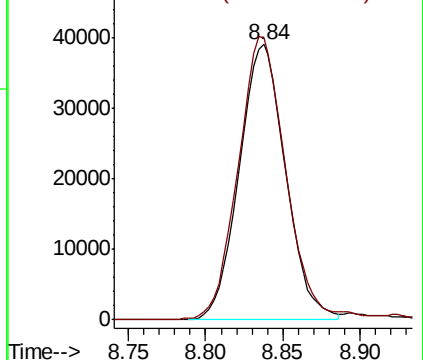
130 100

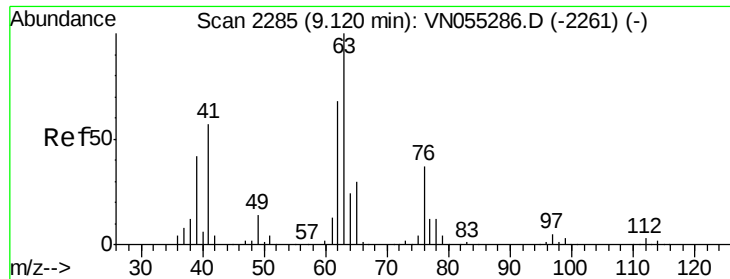
95 101.9 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)

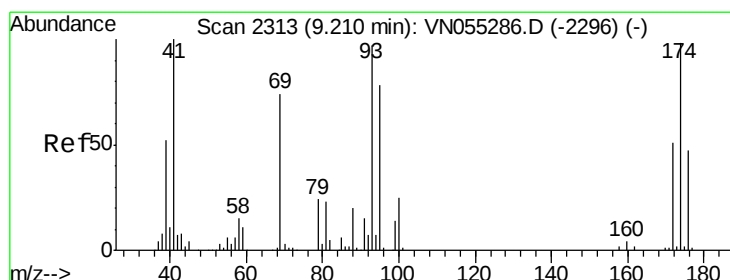
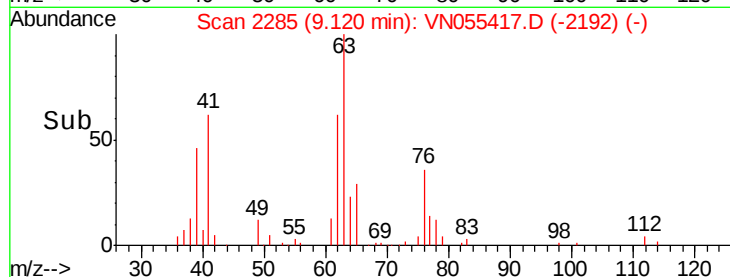
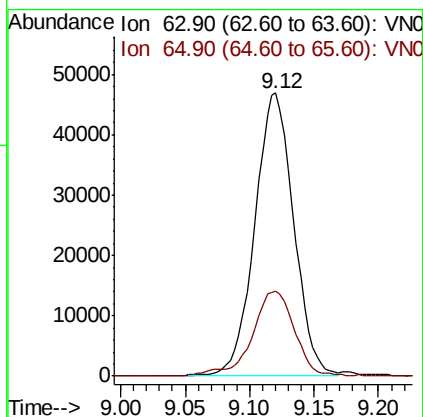
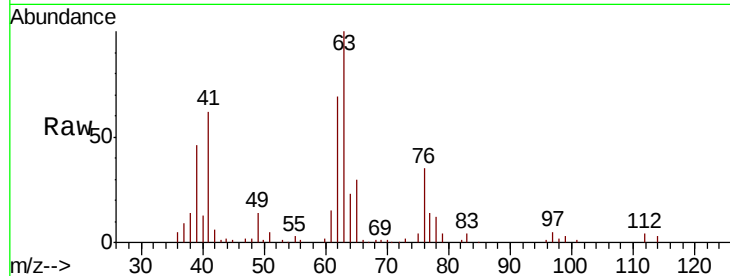




#45
 1,2-Dichloropropane
 Concen: 19.489 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

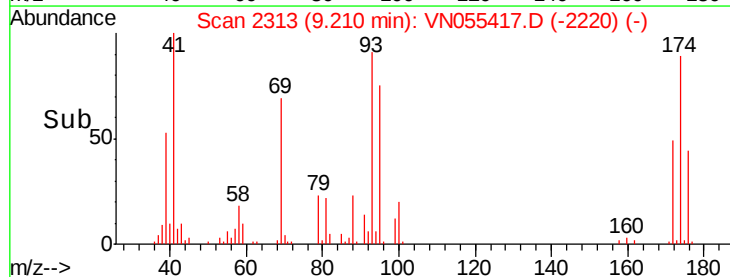
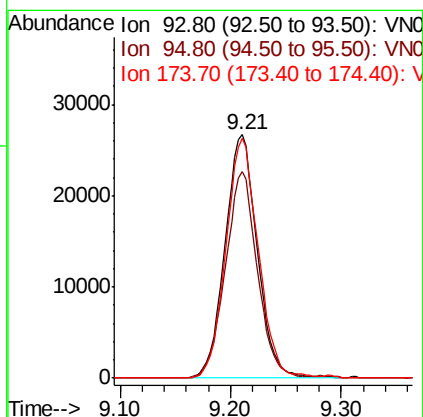
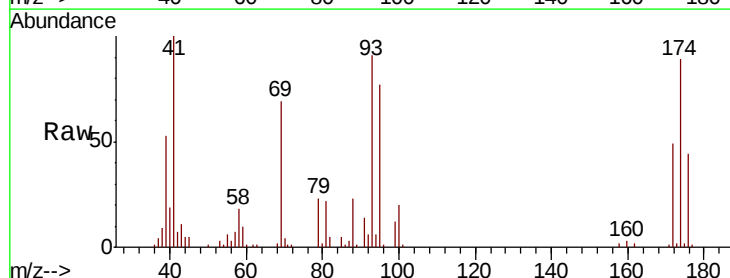
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

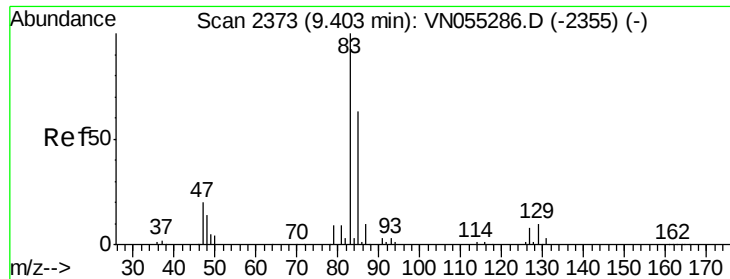
Tot Ion: 63 Resp: 98721
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9



#46
 Dibromomethane
 Concen: 19.566 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion: 93 Resp: 54176
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.7 98.5
 174 98.5 81.5 122.3

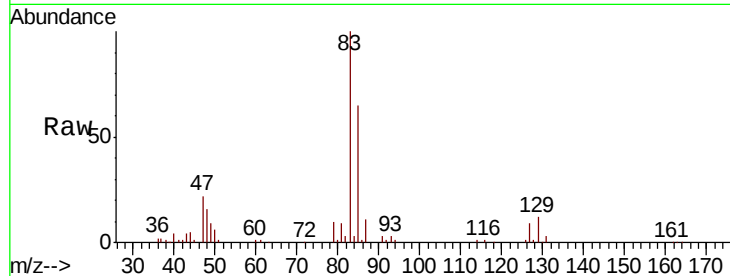




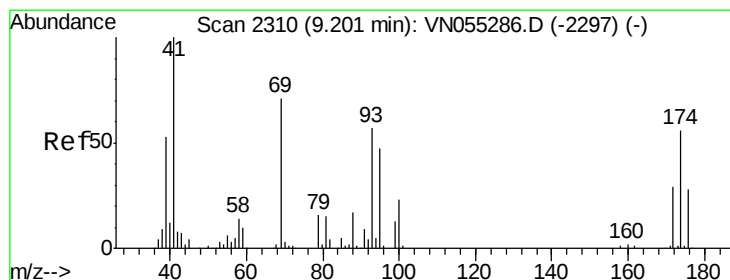
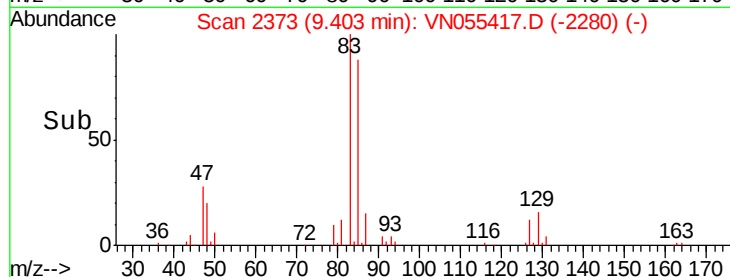
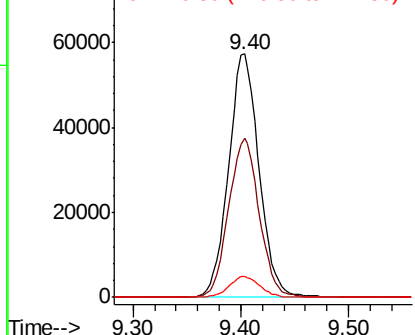
#47
 Bromodichloromethane
 Concen: 18.979 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Tot Ion: 83 Resp: 112737
 Ion Ratio Lower Upper
 83 100
 85 65.4 50.1 75.1
 127 8.7 6.7 10.1

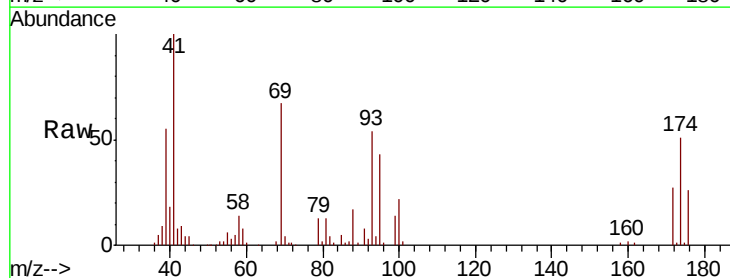


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

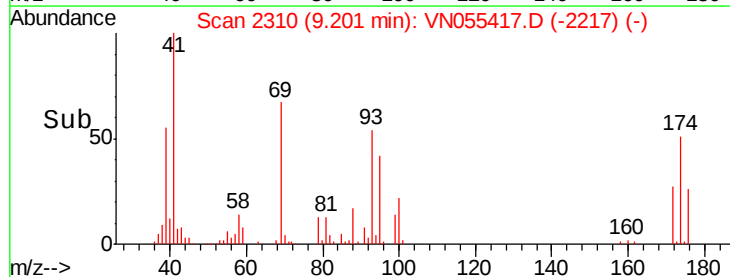
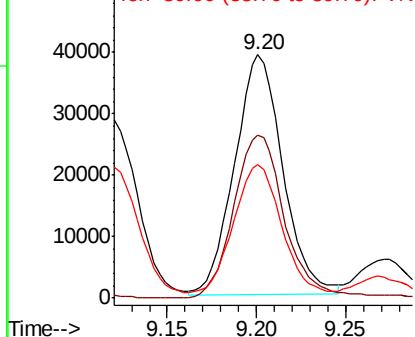


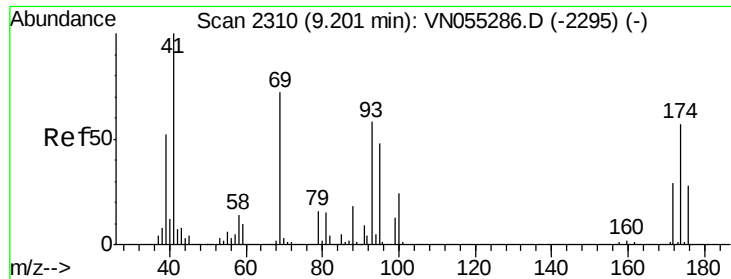
#48
 Methyl methacrylate
 Concen: 20.552 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion: 41 Resp: 74139
 Ion Ratio Lower Upper
 41 100
 69 71.7 58.6 87.8
 39 55.7 43.8 65.6



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

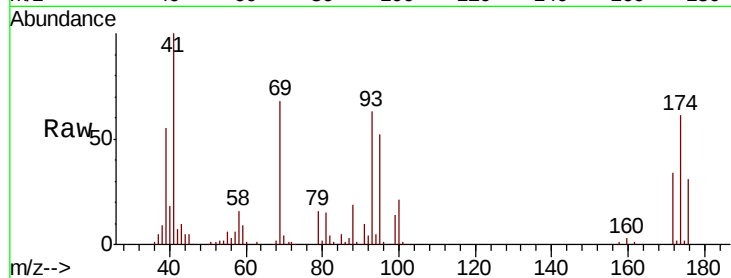




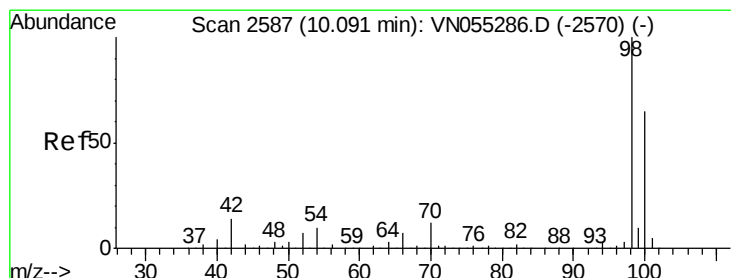
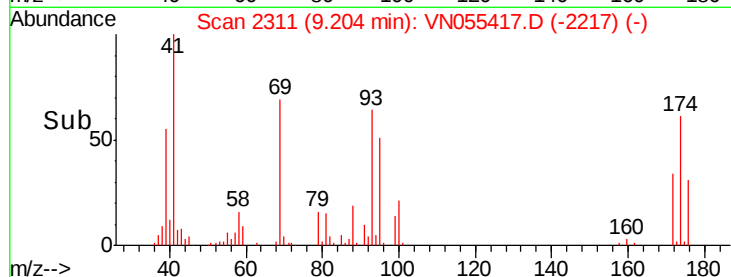
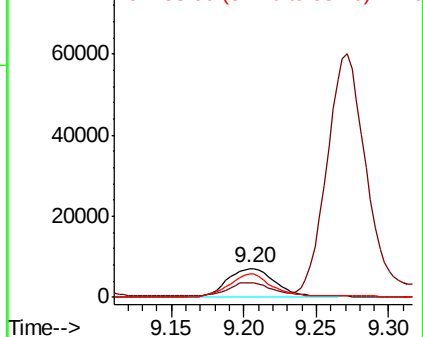
#49
 1,4-Dioxane
 Concen: 442.835 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Tot Ion: 88 Resp: 16514
 Ion Ratio Lower Upper
 88 100
 43 41.8 33.3 49.9
 58 73.0 62.7 94.1

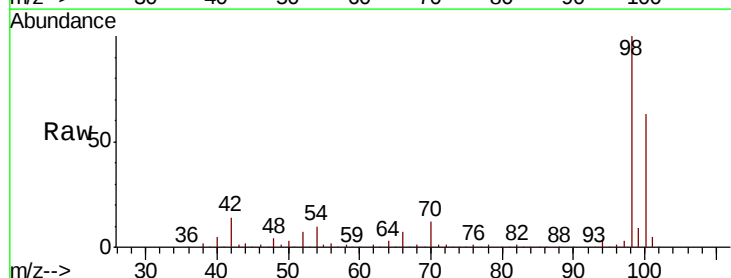


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

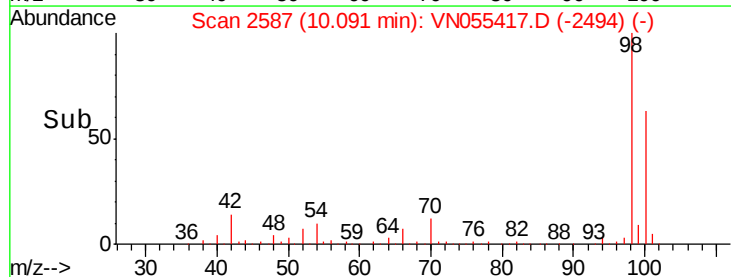
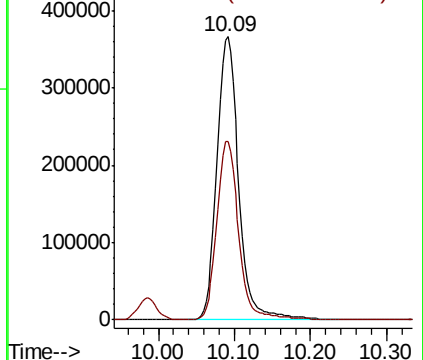


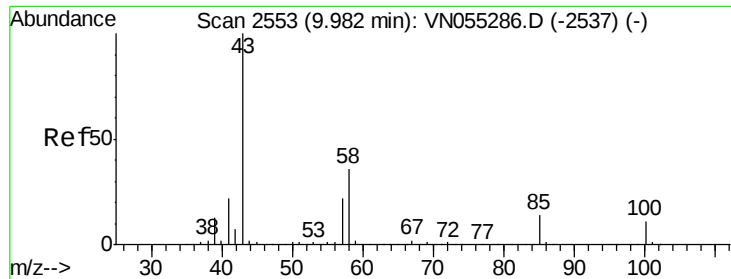
#50
 Toluene-d8
 Concen: 49.273 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion: 98 Resp: 726384
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.7 77.5



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: 107.060 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

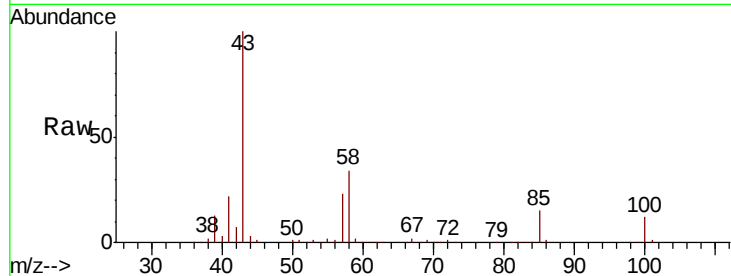
VN0506MBS01

Tot Ion: 43 Resp: 442317

Ion Ratio Lower Upper

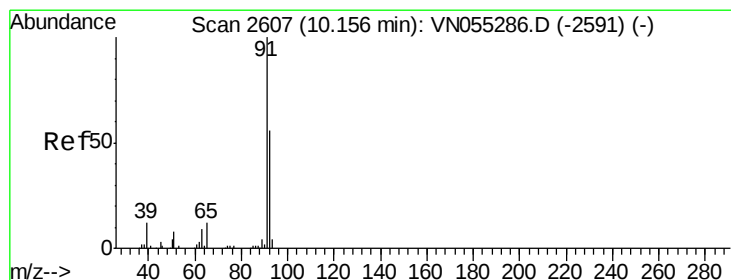
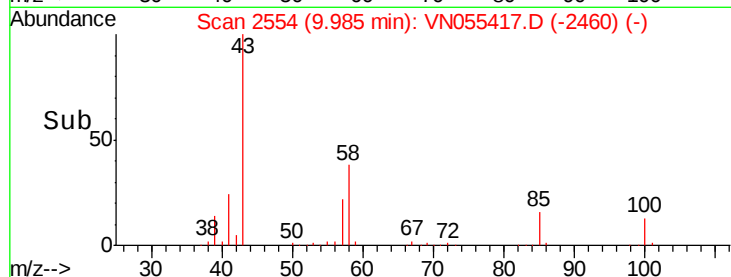
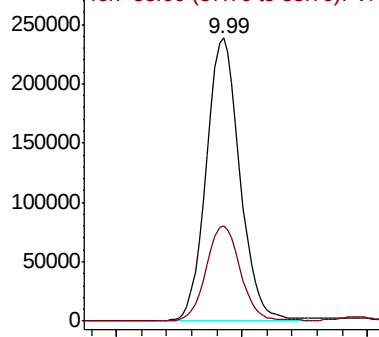
43 100

58 34.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.217 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055417.D

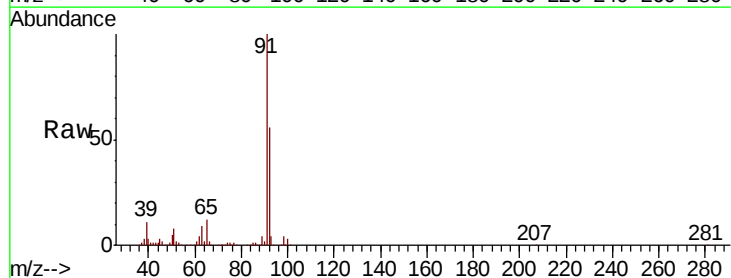
Acq: 6 May 2019 15:50

Tgt Ion: 92 Resp: 193657

Ion Ratio Lower Upper

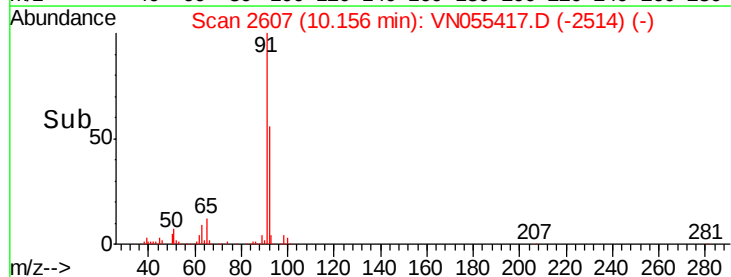
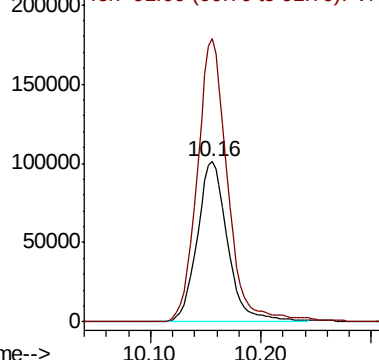
92 100

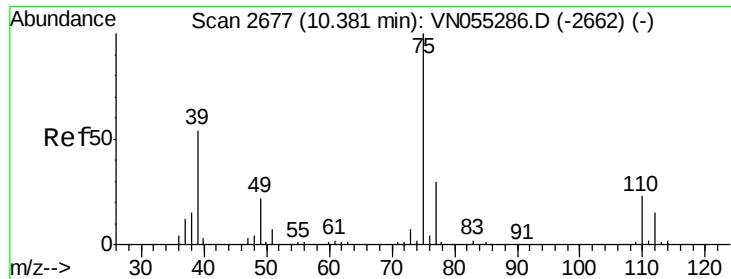
91 176.5 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.122 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

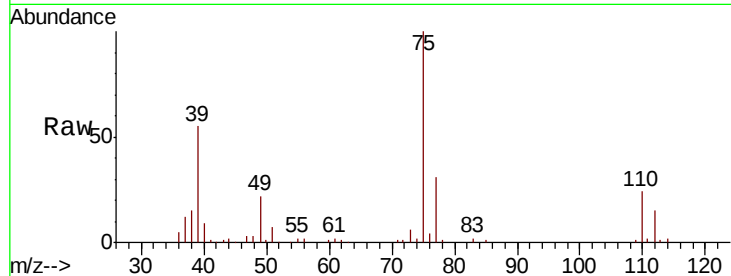
VN0506MBS01

Tot Ion: 75 Resp: 98602

Ion Ratio Lower Upper

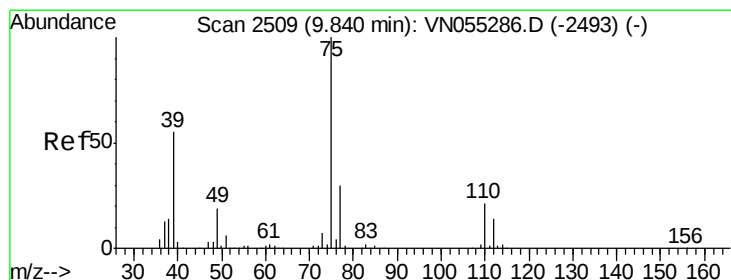
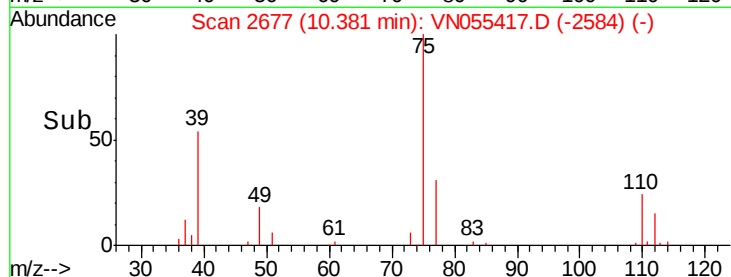
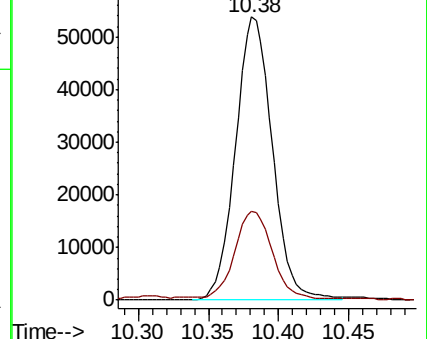
75 100

77 30.9 24.4 36.6



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: 19.117 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

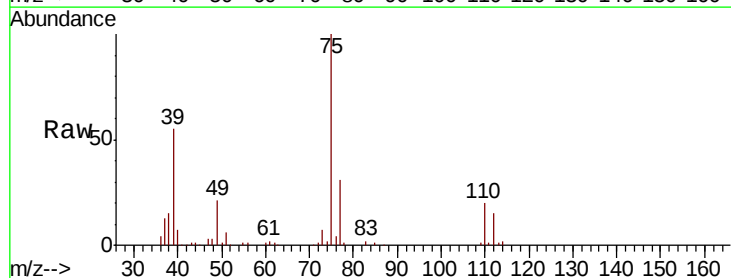
Tgt Ion: 75 Resp: 122906

Ion Ratio Lower Upper

75 100

77 31.0 24.2 36.2

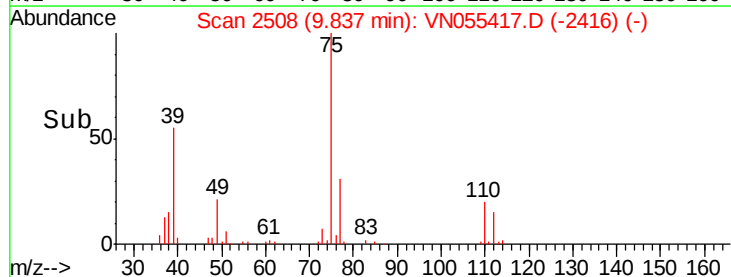
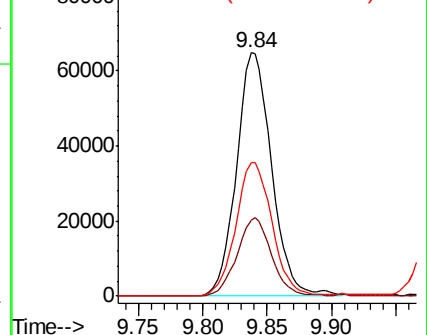
39 54.6 44.2 66.2

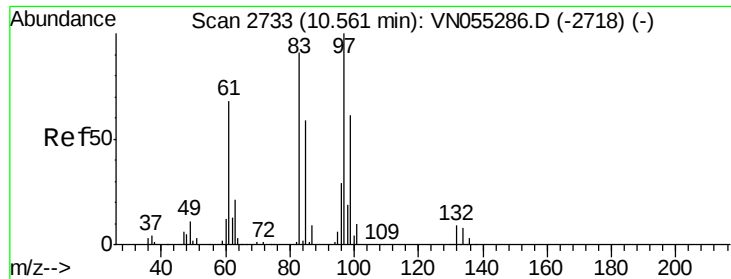


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



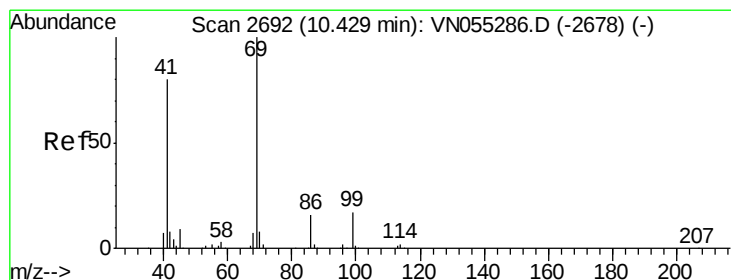
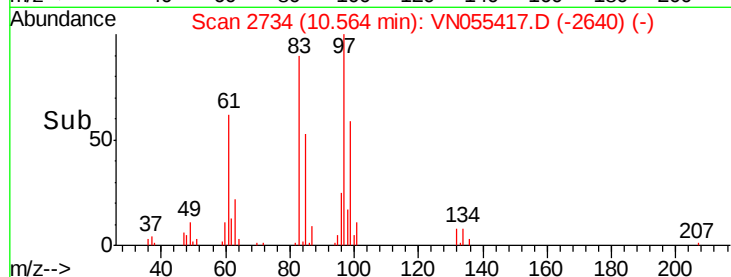
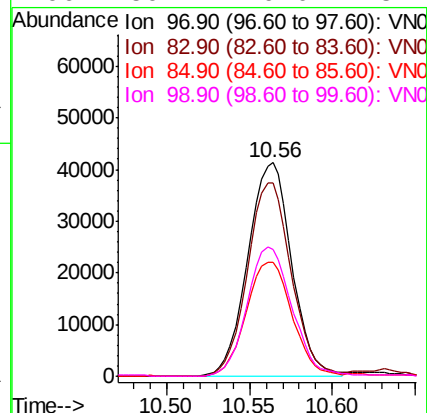
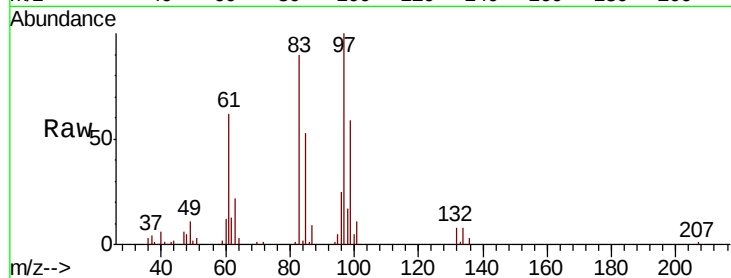


#55
 1,1,2-Trichloroethane
 Concen: 20.330 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Tot Ion: 97 Resp: 76076

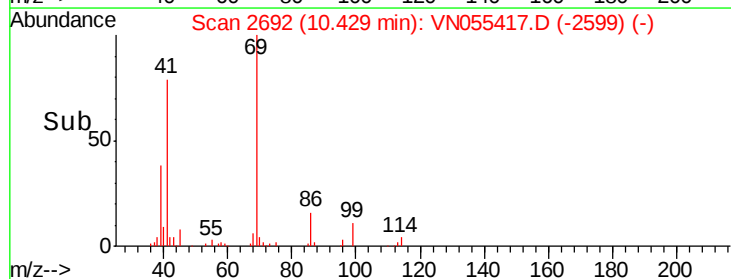
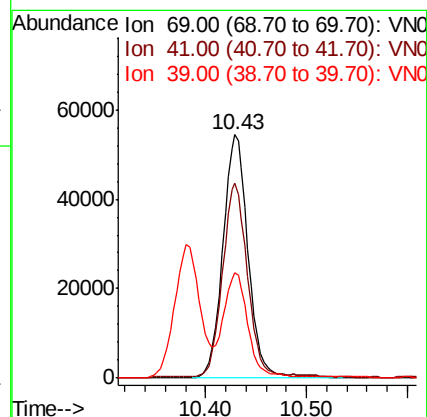
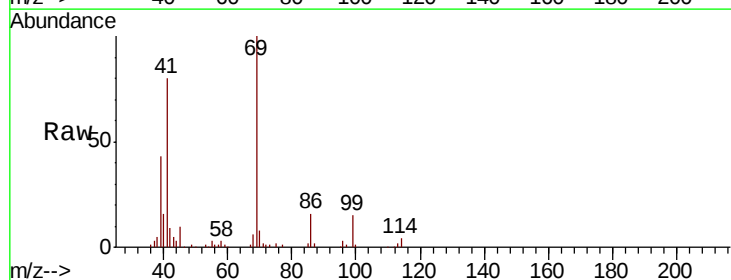
Ion	Ratio	Lower	Upper
97	100		
83	90.2	72.8	109.2
85	53.3	47.0	70.6
99	59.1	49.0	73.4

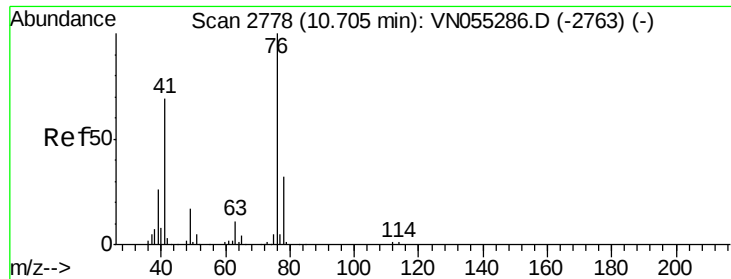


#56
 Ethyl methacrylate
 Concen: 20.702 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion: 69 Resp: 95352

Ion	Ratio	Lower	Upper
69	100		
41	77.6	62.7	94.1
39	41.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.281 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

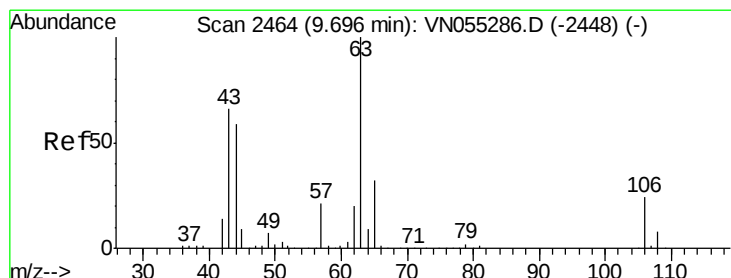
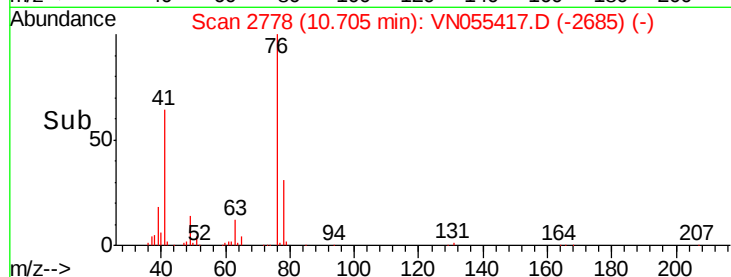
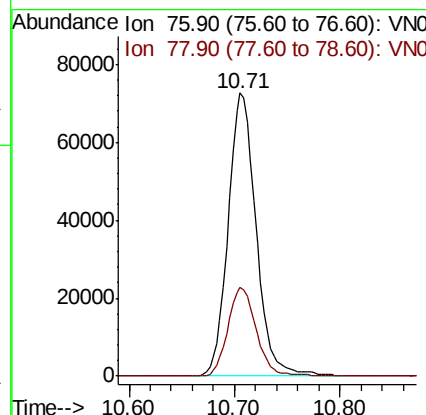
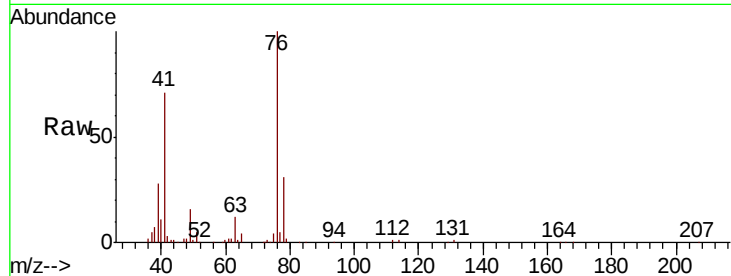
VN0506MBS01

Tot Ion: 76 Resp: 133141

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 80.284 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055417.D

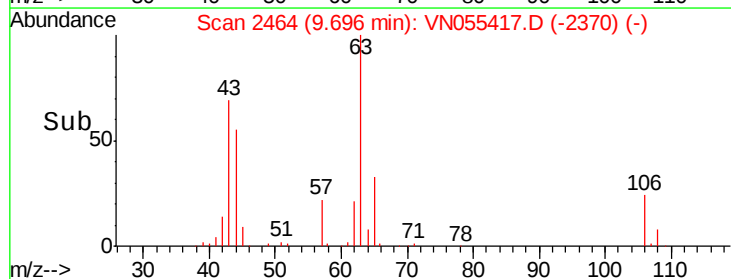
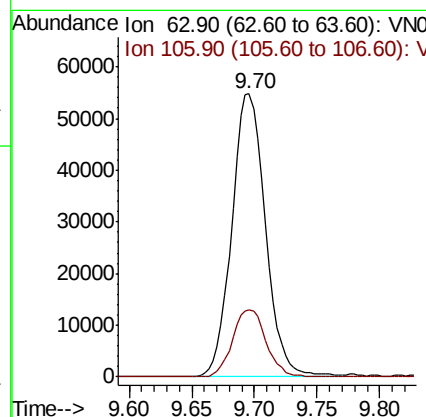
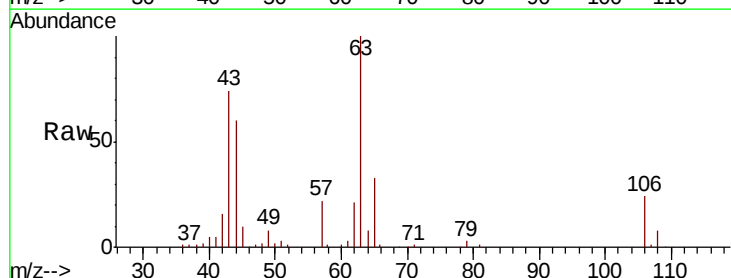
Acq: 6 May 2019 15:50

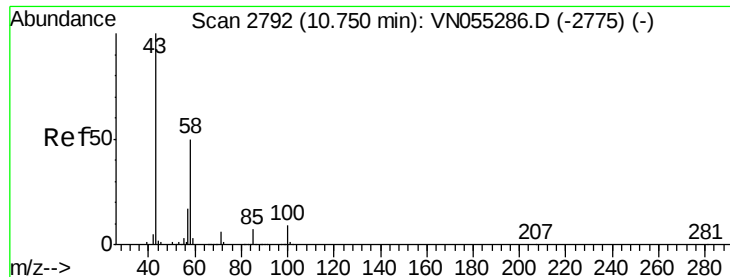
Tgt Ion: 63 Resp: 102096

Ion Ratio Lower Upper

63 100

106 23.6 19.0 28.4

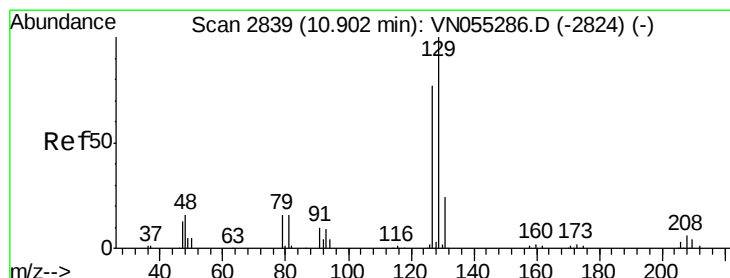
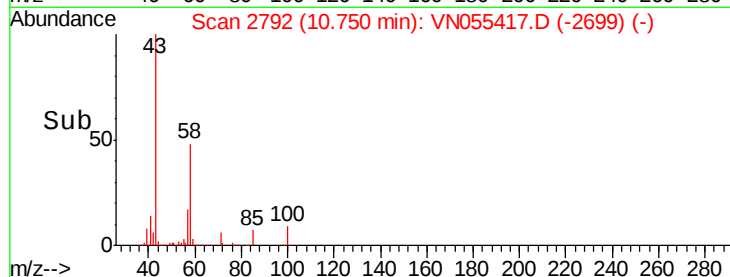
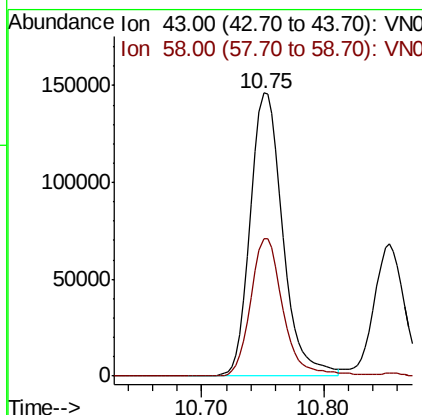
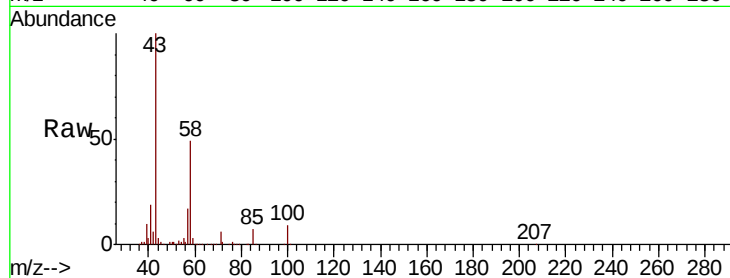




#59
2-Hexanone
Concen: 103.472 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

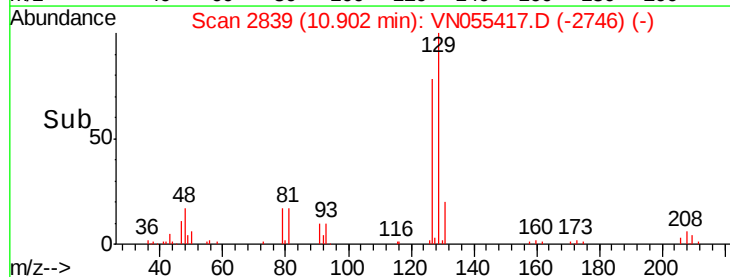
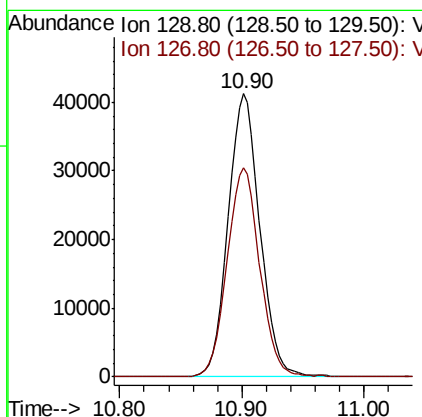
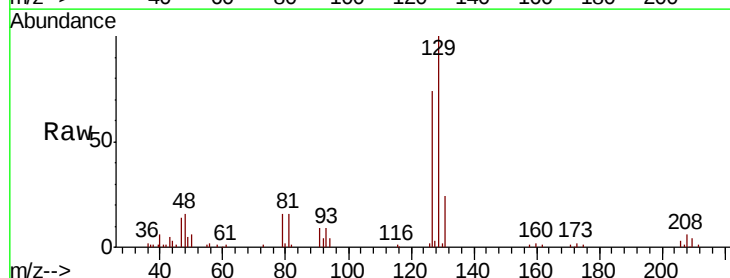
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

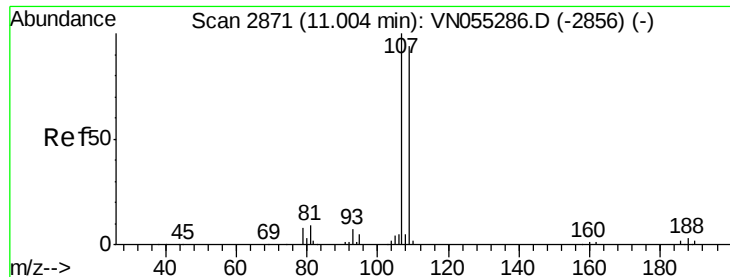
Tot Ion: 43 Resp: 267477
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6



#60
Dibromochloromethane
Concen: 19.564 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 129 Resp: 74824
Ion Ratio Lower Upper
129 100
127 75.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.946 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

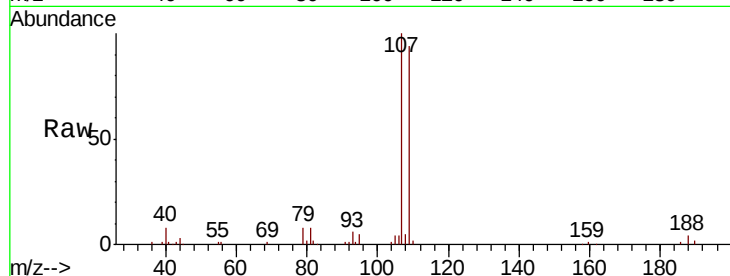
VN0506MBS01

Tot Ion:107 Resp: 68989

Ion Ratio Lower Upper

107 100

109 92.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

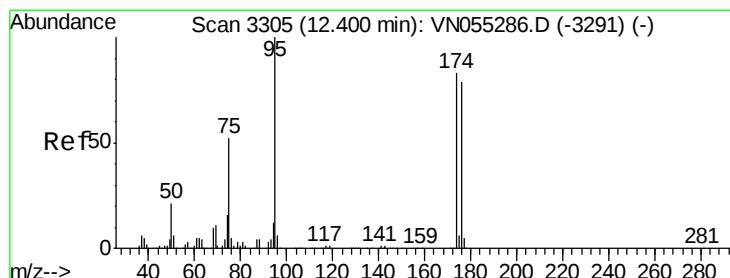
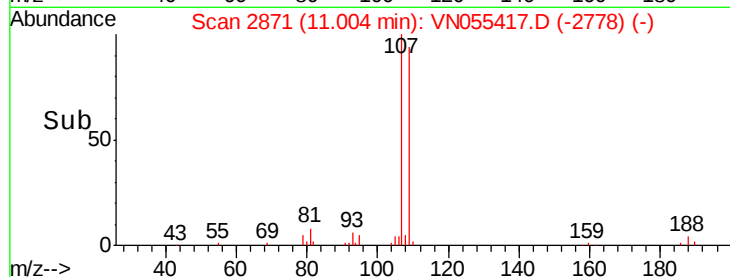
30000

20000

10000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.493 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

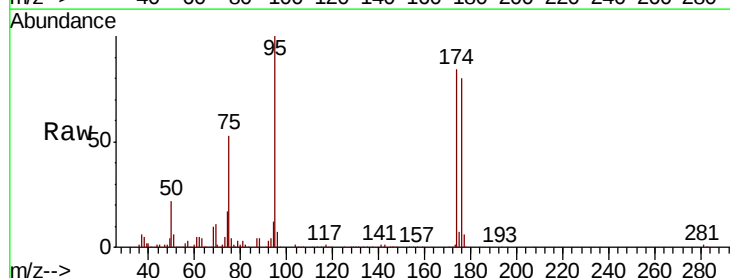
Tgt Ion: 95 Resp: 232642

Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.6

176 80.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

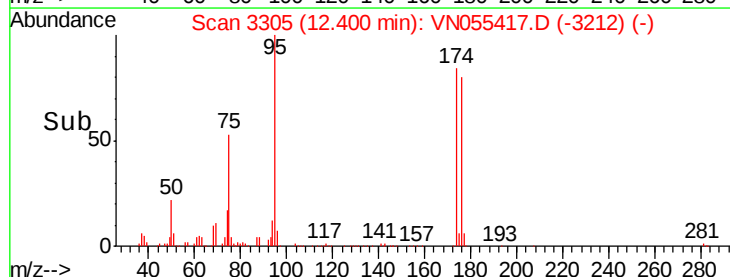
150000

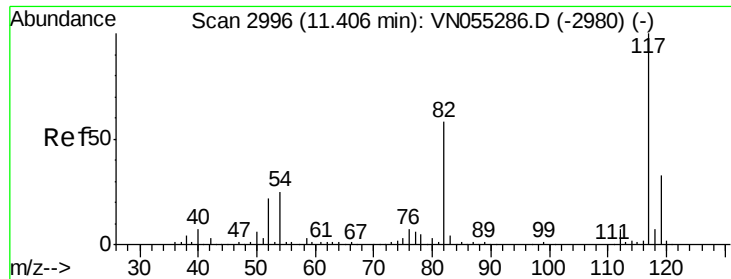
100000

50000

0

Time--> 12.30 12.40 12.50

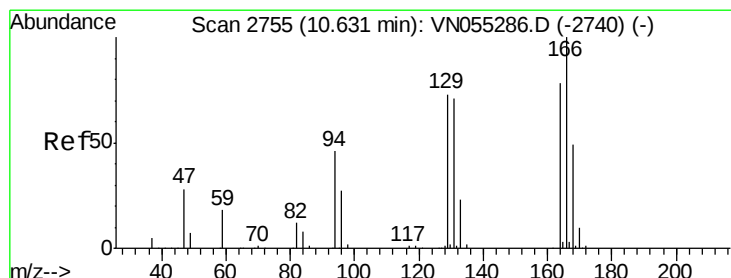
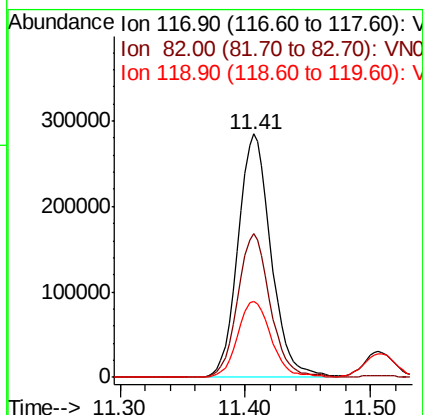
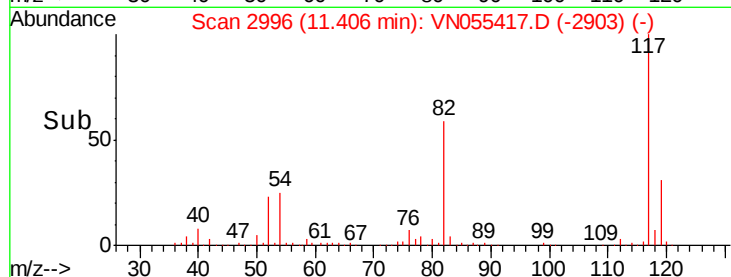
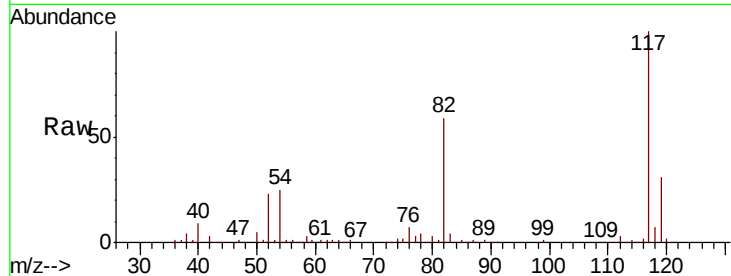




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

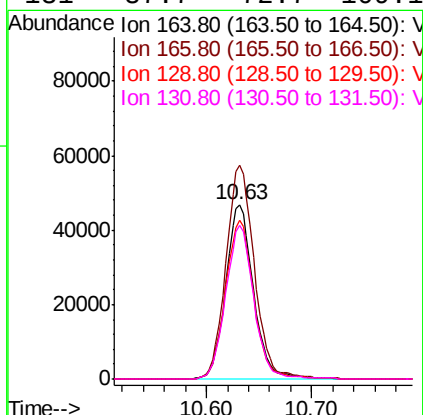
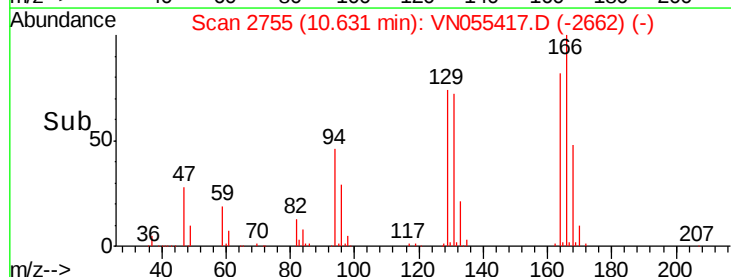
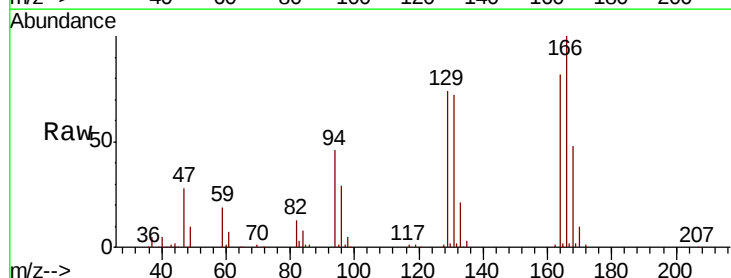
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

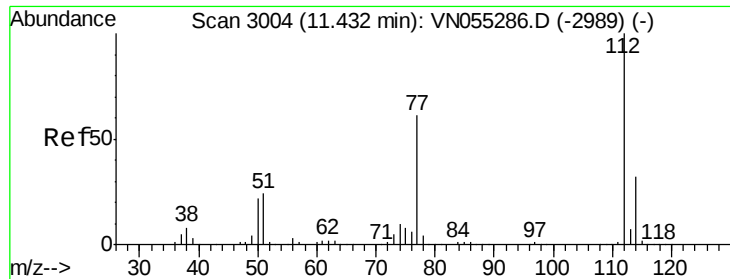
Tot Ion:117 Resp: 521522
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 19.873 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion:164 Resp: 84758
Ion Ratio Lower Upper
164 100
166 122.4 102.3 153.5
129 90.9 75.0 112.6
131 87.7 72.7 109.1

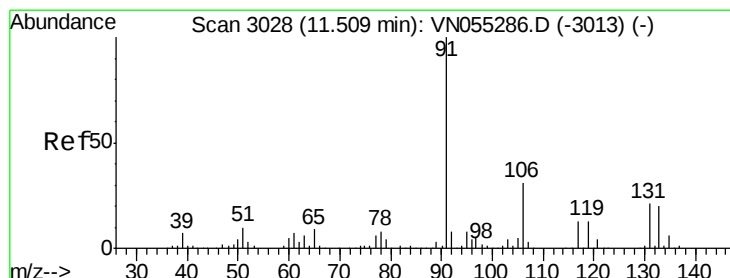
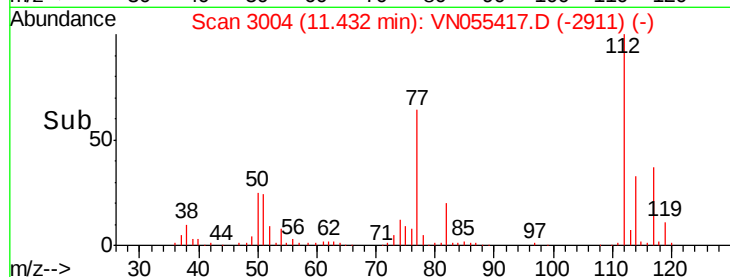
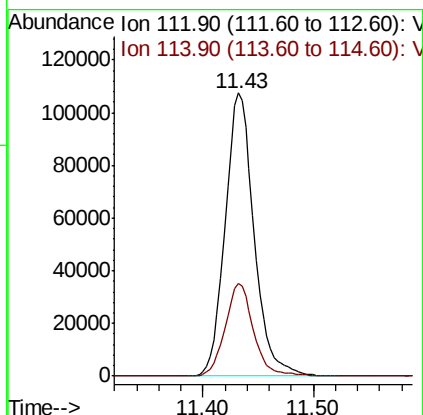
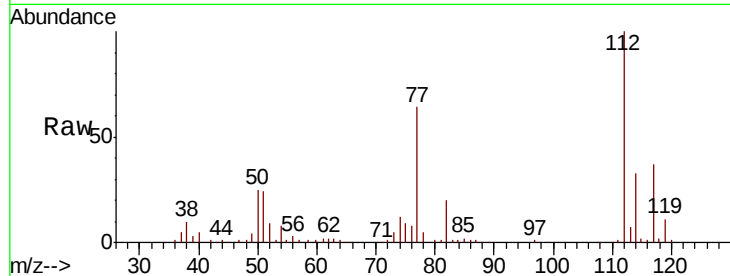




#65
Chlorobenzene
Concen: 19.127 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

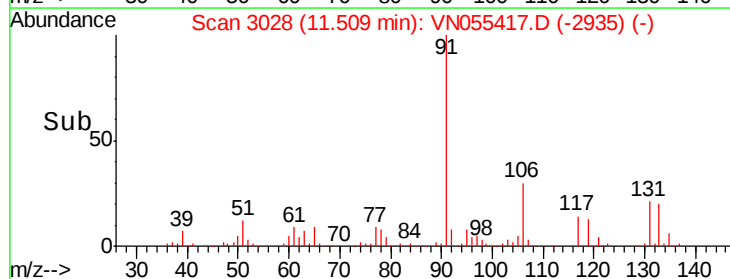
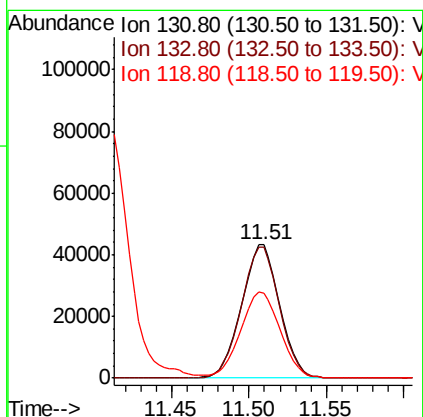
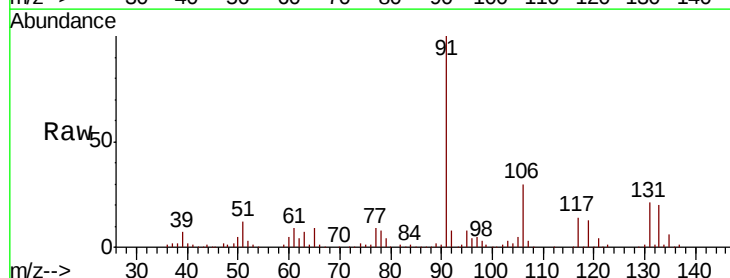
Instrument :
MSVOA_N
ClientSampled :
VN0506MBS01

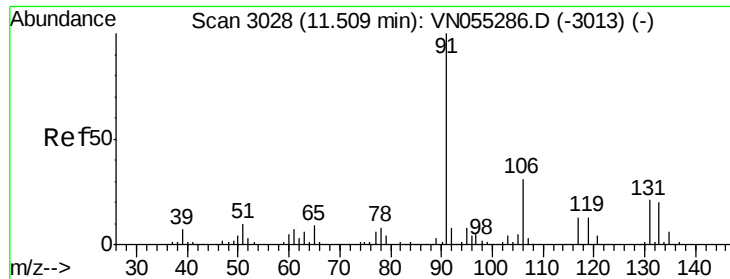
Tot Ion:112 Resp: 195027
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.584 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion:131 Resp: 74197
Ion Ratio Lower Upper
131 100
133 98.4 47.5 142.6
119 67.5 32.7 98.1

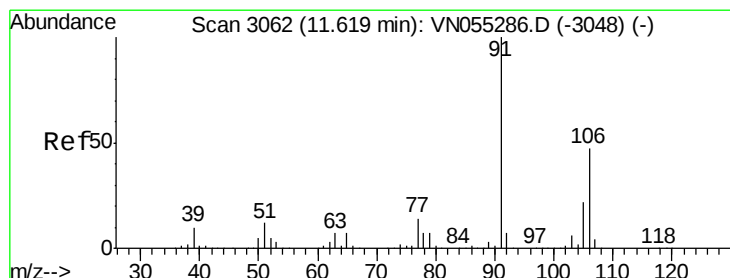
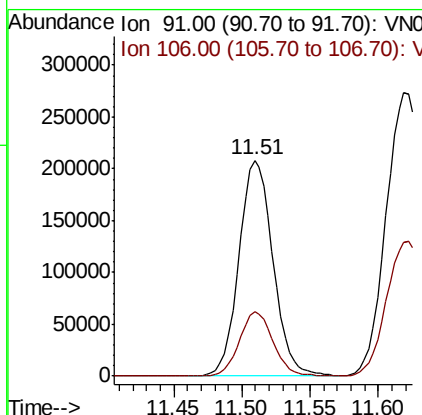
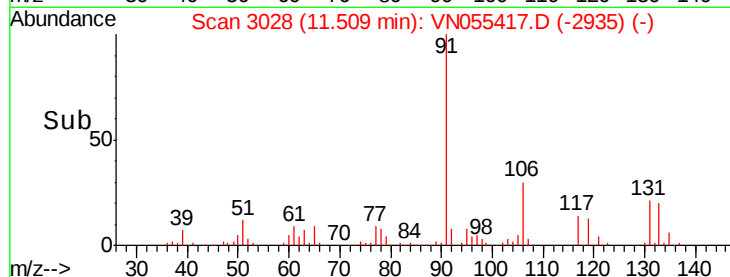
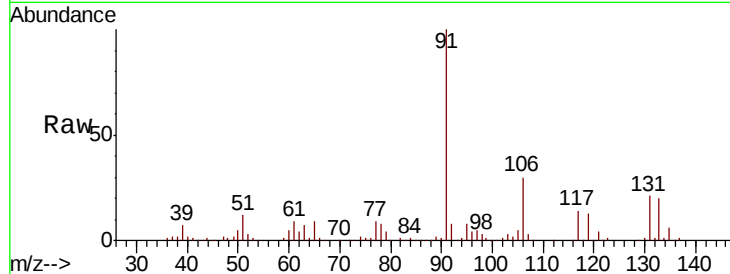




#67
Ethyl Benzene
Concen: 19.625 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

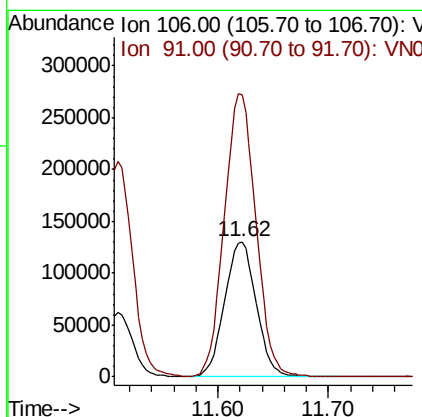
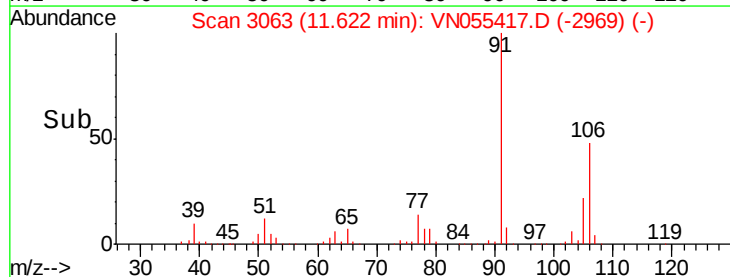
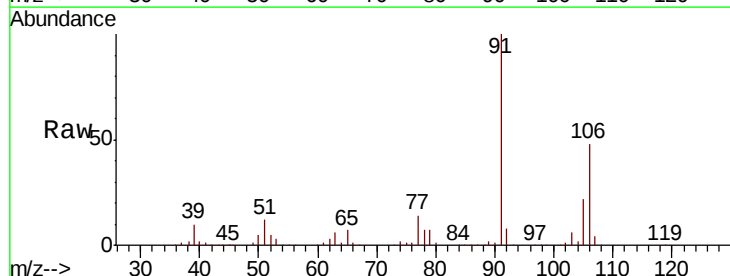
Instrument :
MSVOA_N
ClientSampled :
VN0506MBS01

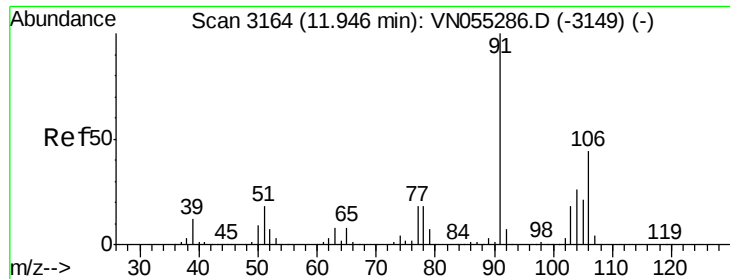
Tot Ion: 91 Resp: 361358
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8



#68
m/p-Xylenes
Concen: 39.593 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 106 Resp: 260216
Ion Ratio Lower Upper
106 100
91 208.4 169.5 254.3

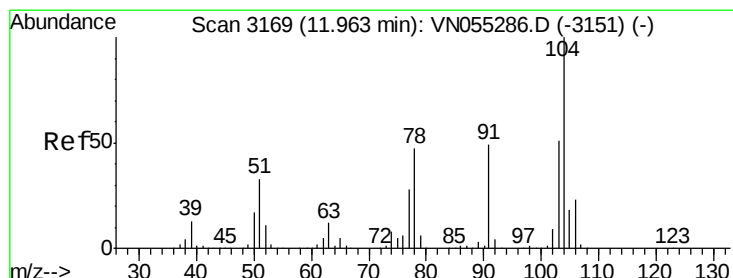
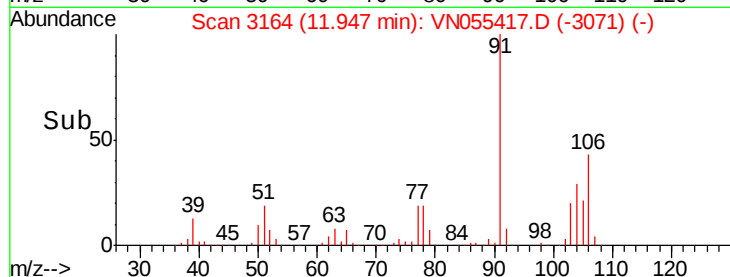
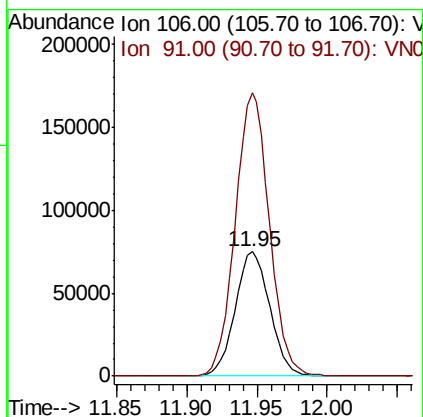
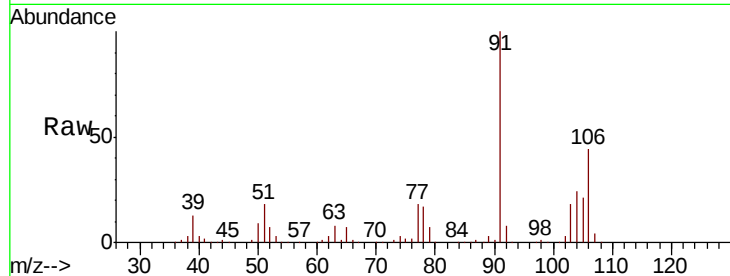




#69
o-Xylene
Concen: 19.810 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

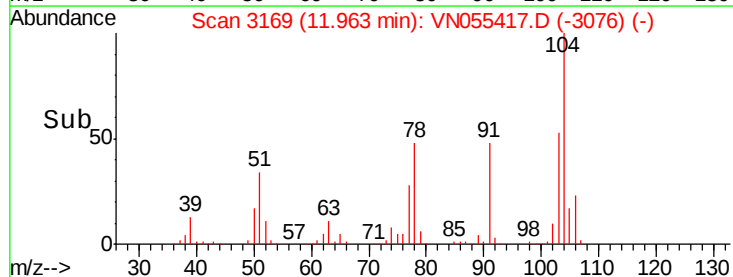
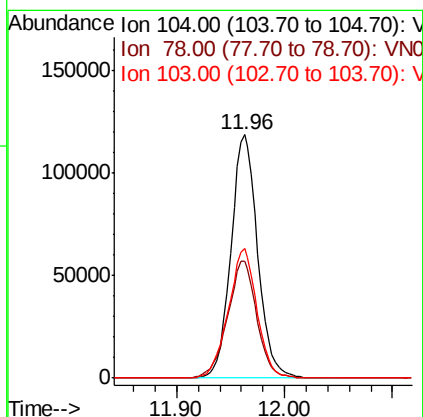
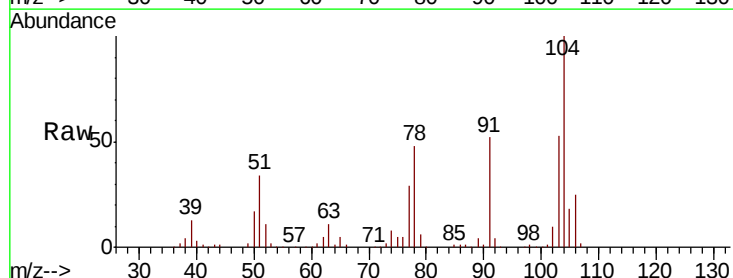
Instrument :
MSVOA_N
ClientSampled :
VN0506MBS01

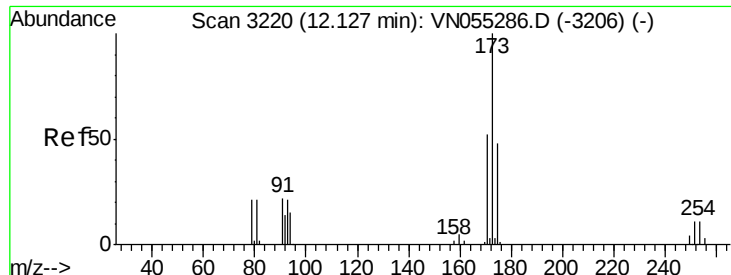
Tot Ion:106 Resp: 129044
Ion Ratio Lower Upper
106 100
91 224.2 111.5 334.5



#70
Styrene
Concen: 20.531 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion:104 Resp: 205354
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.2
103 57.0 44.6 67.0





#71

Bromoform

Concen: 19.313 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

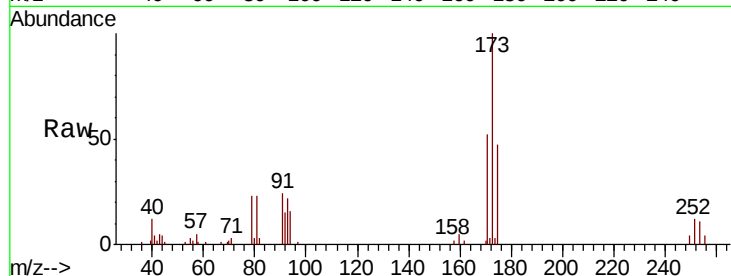
Tot Ion:173 Resp: 42786

Ion Ratio Lower Upper

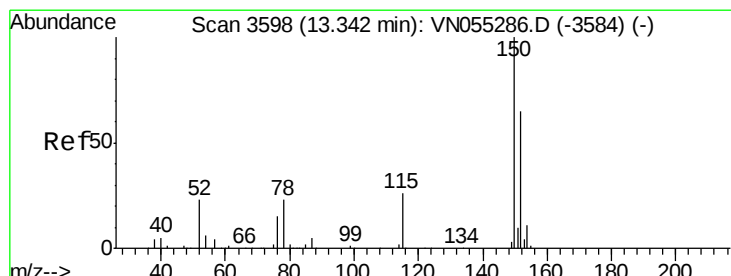
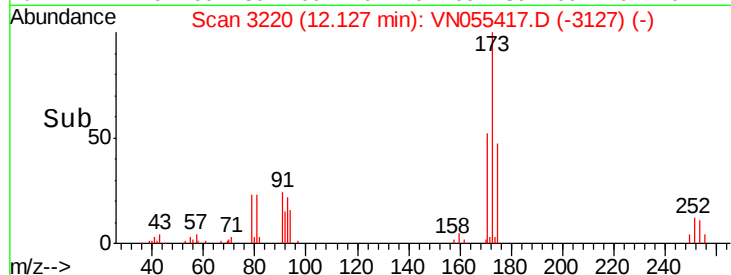
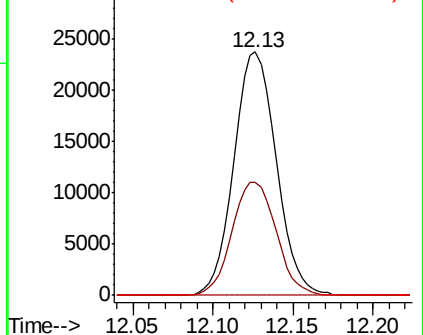
173 100

175 48.5 23.6 71.0

254 0.0 0.0 0.0



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: VN055417.D

Acq: 6 May 2019 15:50

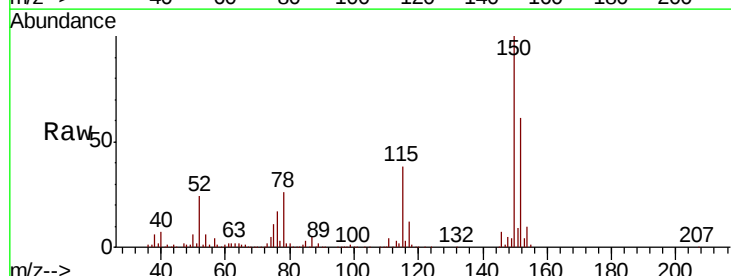
Tgt Ion:152 Resp: 193667

Ion Ratio Lower Upper

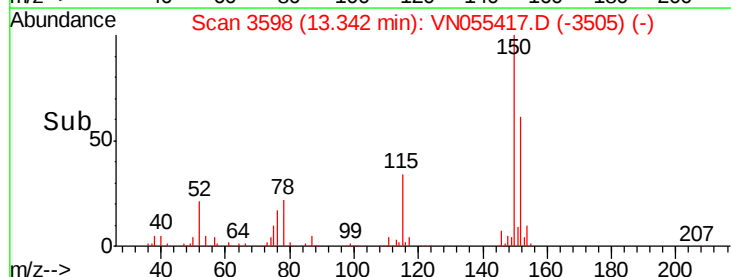
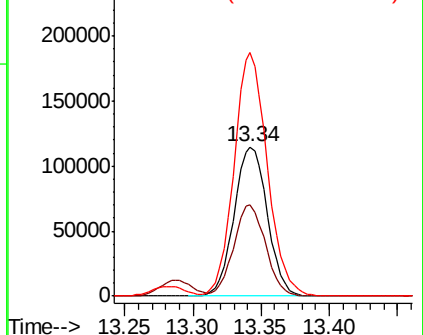
152 100

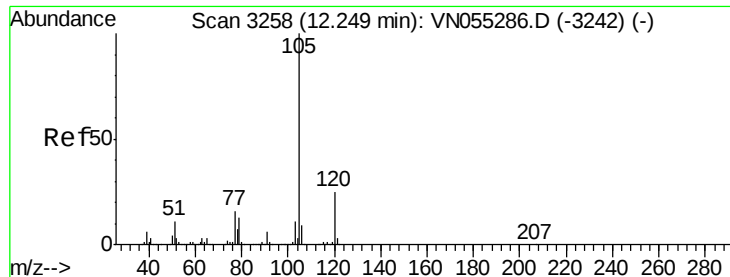
115 58.9 29.0 87.0

150 163.0 0.0 345.6



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: 21.356 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

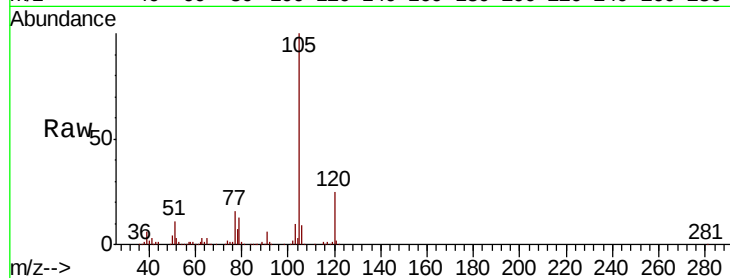
VN0506MBS01

Tot Ion:105 Resp: 357008

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

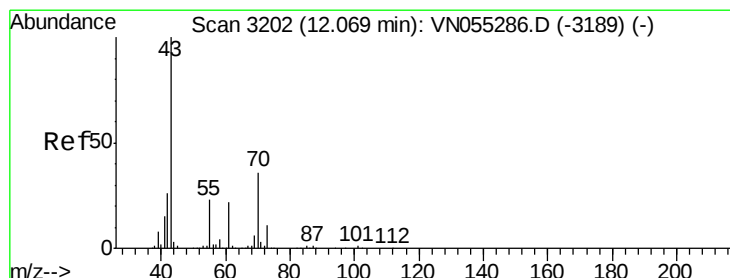
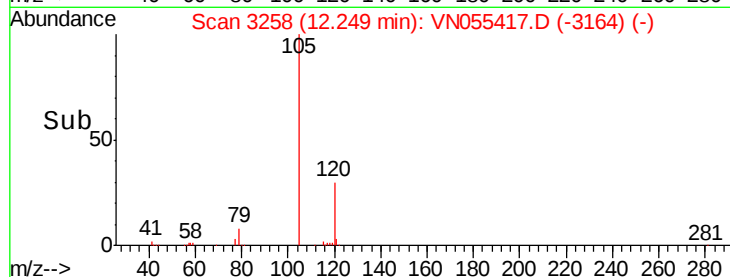
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 20.331 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Tgt Ion: 43 Resp: 101051

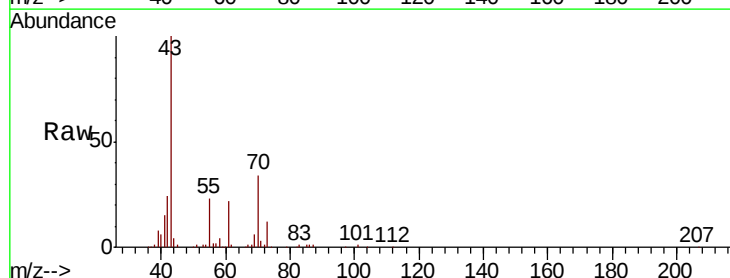
Ion Ratio Lower Upper

43 100

70 34.5 27.9 41.9

55 22.3 18.2 27.2

61 21.0 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

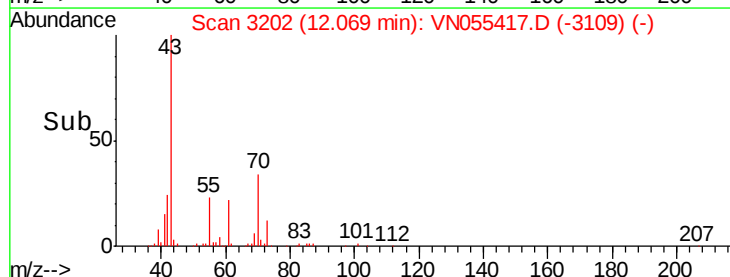
40000

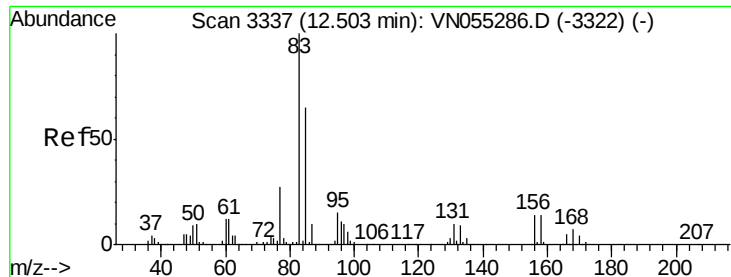
20000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.822 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

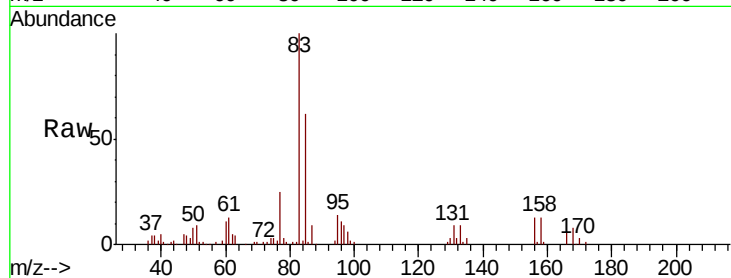
Tot Ion: 83 Resp: 90611

Ion Ratio Lower Upper

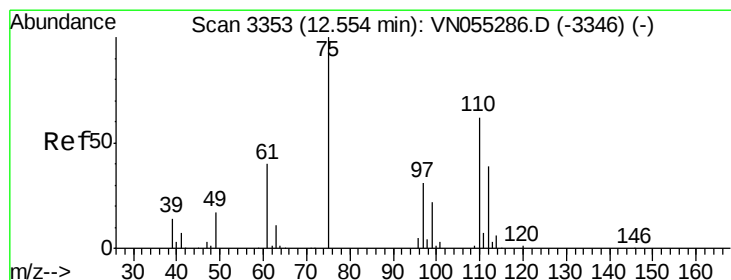
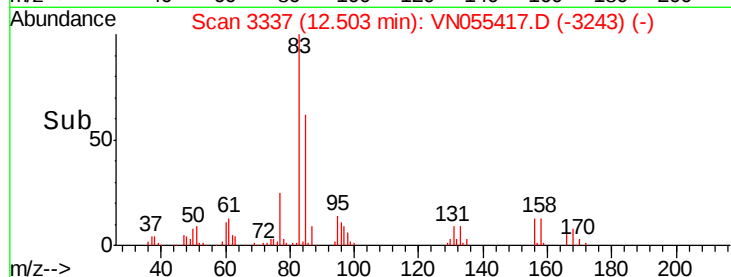
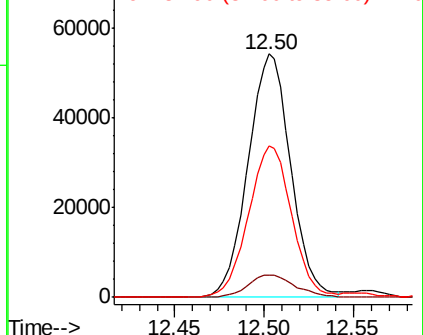
83 100

131 10.0 5.1 15.2

85 62.9 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 28.158 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055417.D

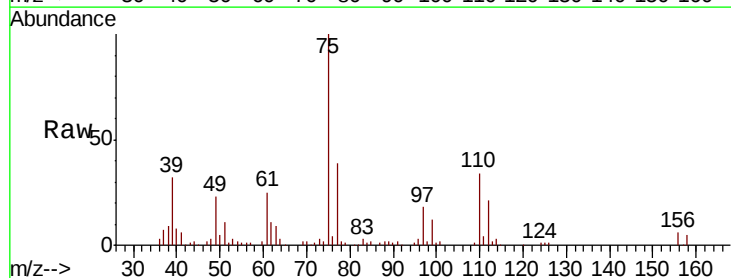
Acq: 6 May 2019 15:50

Tgt Ion: 75 Resp: 105322

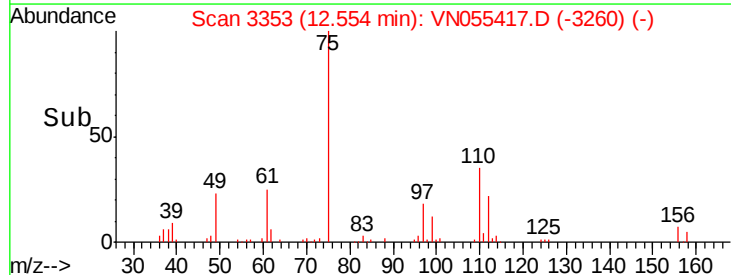
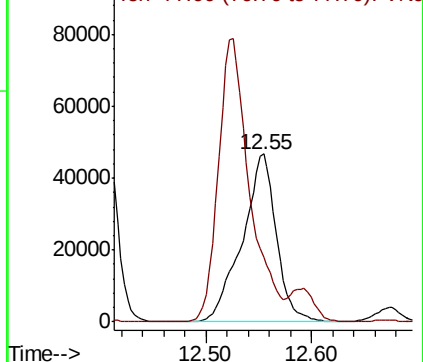
Ion Ratio Lower Upper

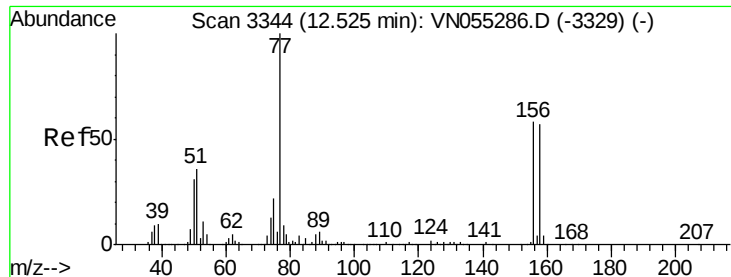
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.178 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

VN0506MBS01

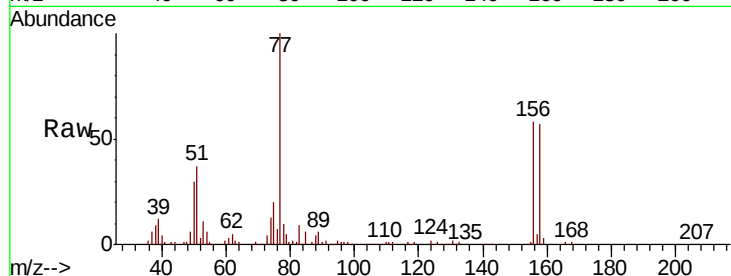
Tot Ion:156 Resp: 79409

Ion Ratio Lower Upper

156 100

77 203.6 99.6 298.8

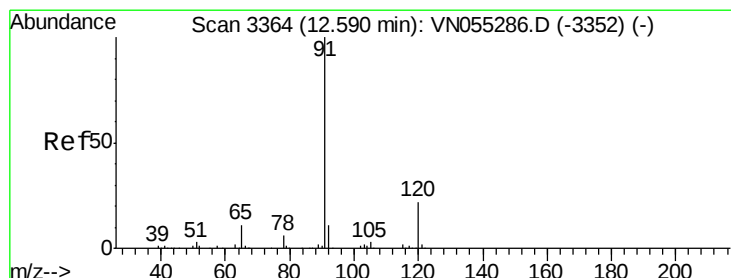
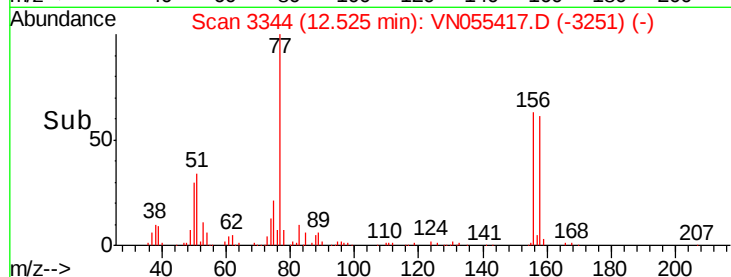
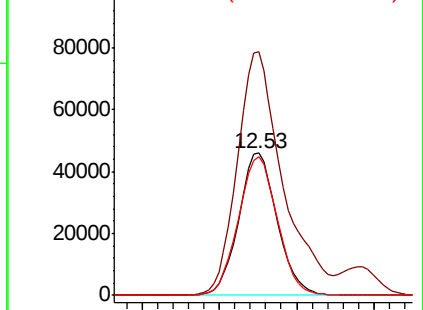
158 99.0 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.778 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055417.D

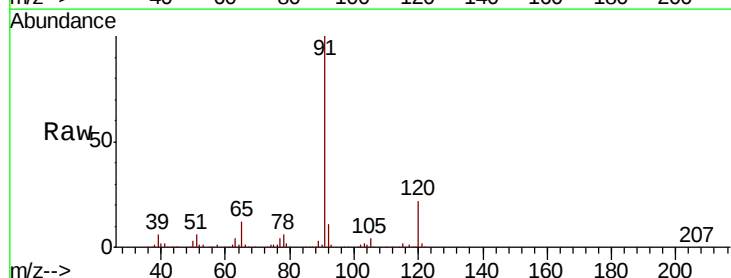
Acq: 6 May 2019 15:50

Tgt Ion: 91 Resp: 373565

Ion Ratio Lower Upper

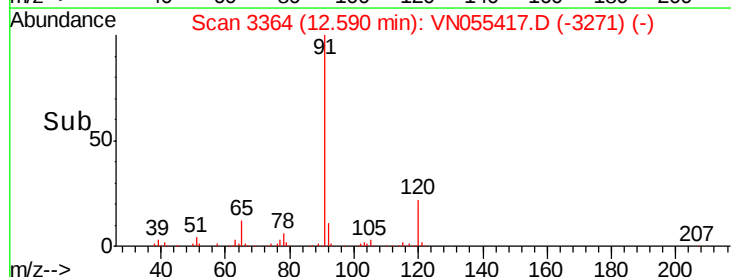
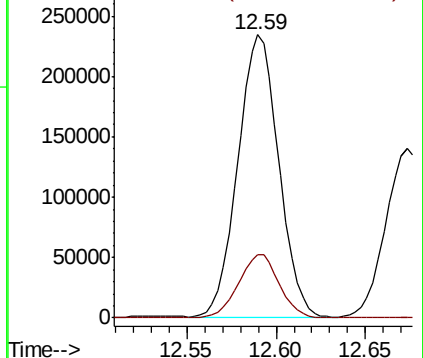
91 100

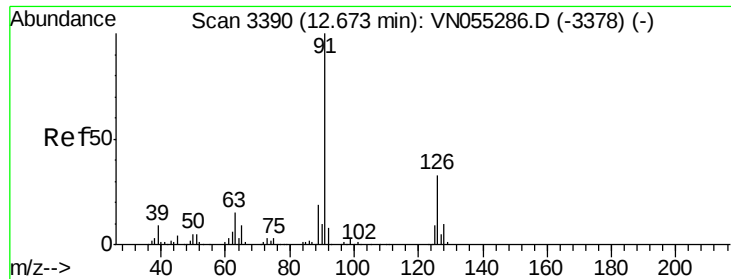
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

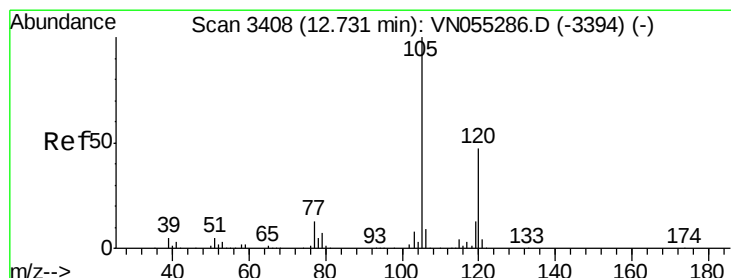
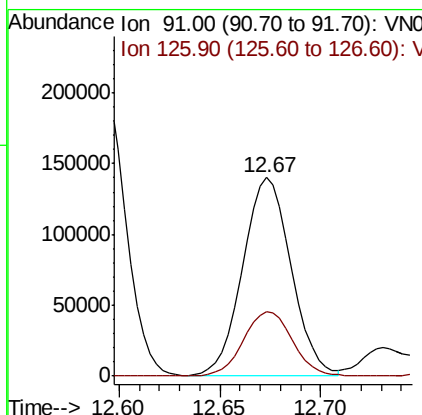
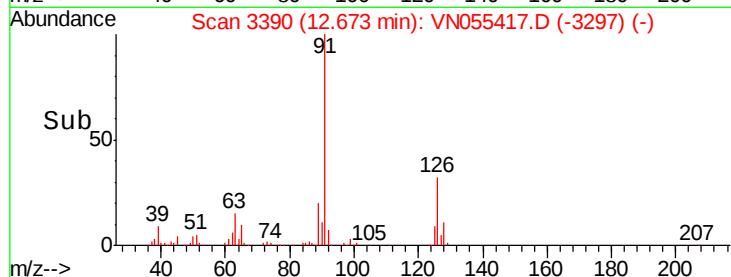
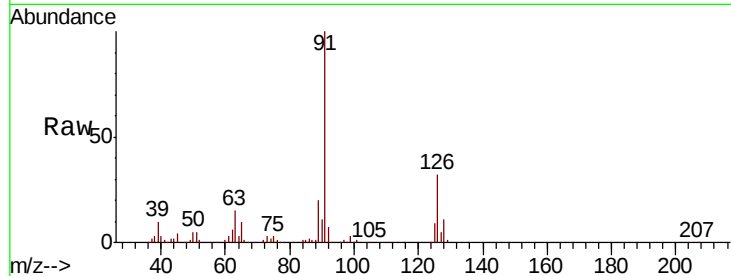




#79
2-Chlorotoluene
Concen: 20.768 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

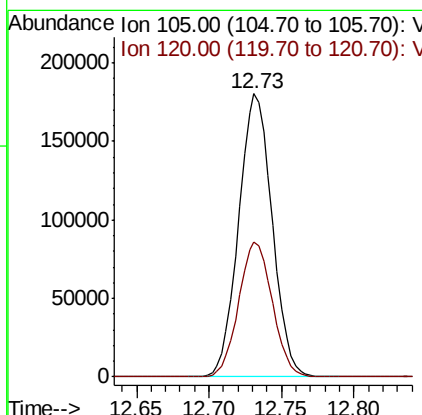
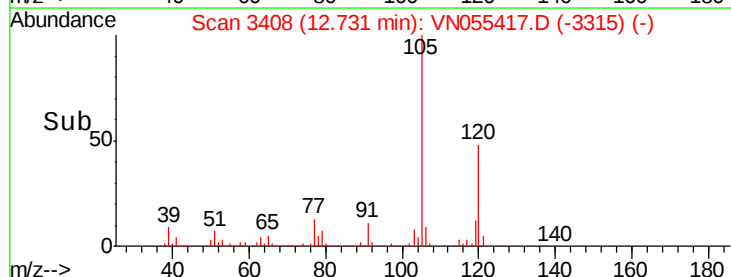
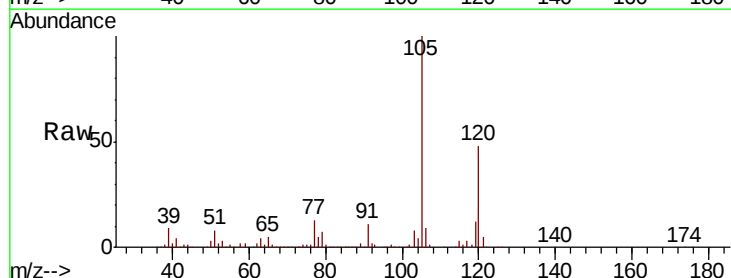
Instrument :
MSVOA_N
ClientSampled :
VN0506MBS01

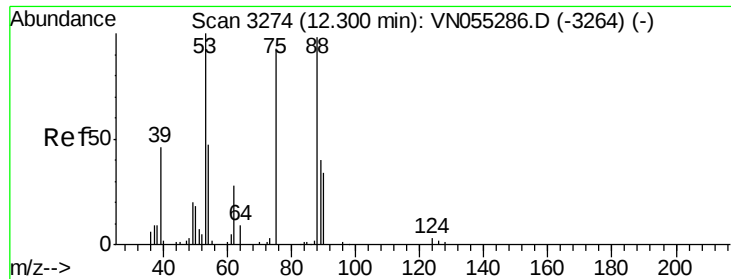
Tot Ion: 91 Resp: 234312
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 19.045 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion: 105 Resp: 289164
Ion Ratio Lower Upper
105 100
120 48.0 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.950 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

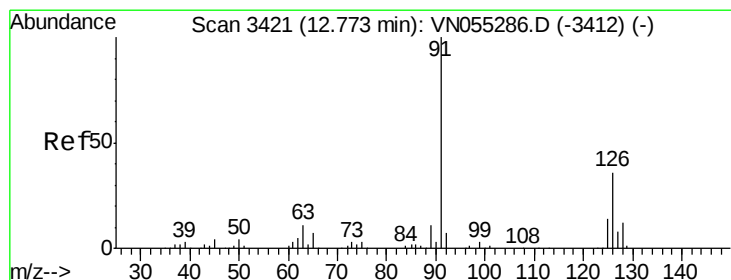
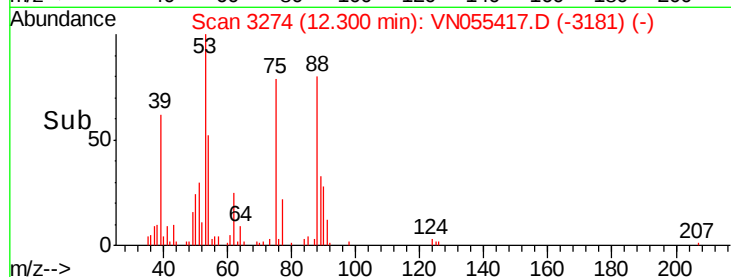
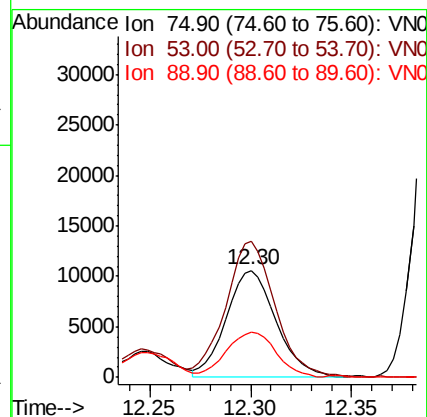
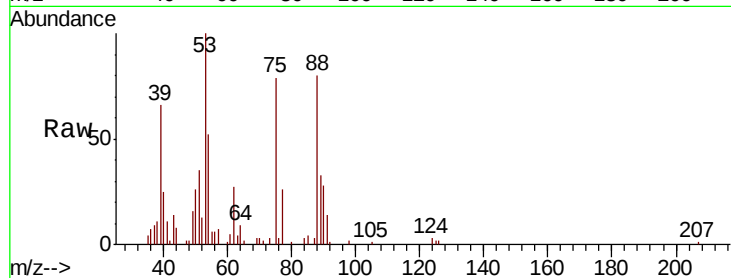
Tot Ion: 75 Resp: 18344

Ion Ratio Lower Upper

75 100

53 126.4 86.3 129.5

89 41.8 34.6 51.8



#82

4-Chlorotoluene

Concen: 18.757 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055417.D

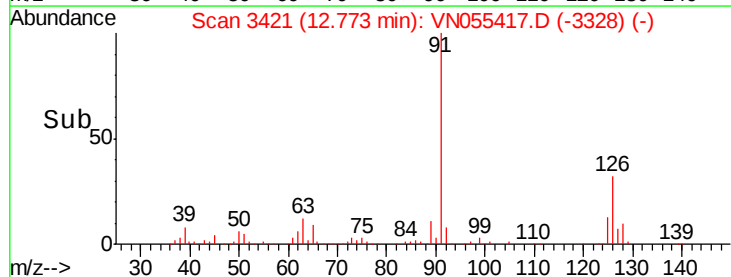
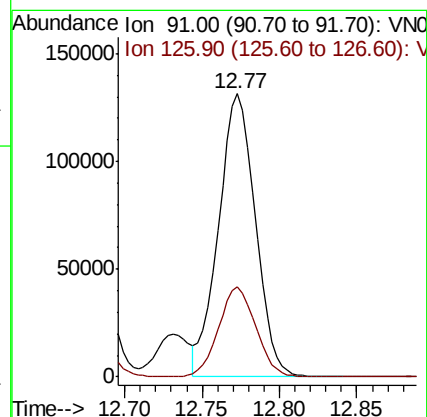
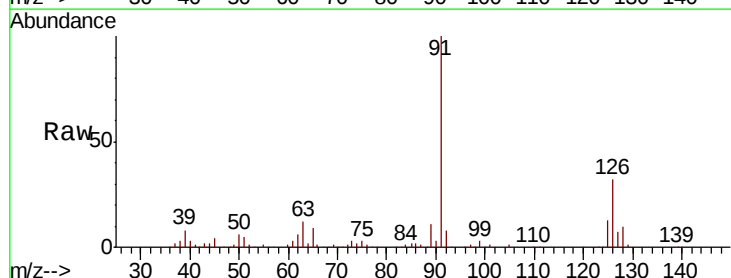
Acq: 6 May 2019 15:50

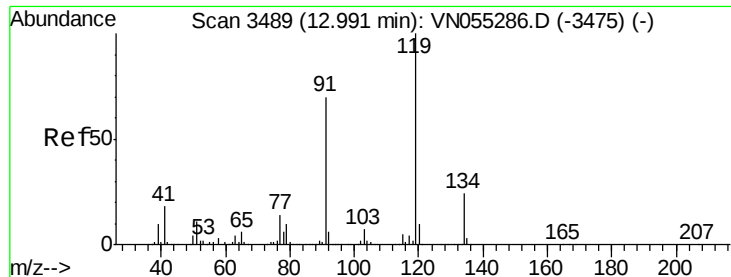
Tgt Ion: 91 Resp: 216964

Ion Ratio Lower Upper

91 100

126 32.2 16.6 49.7

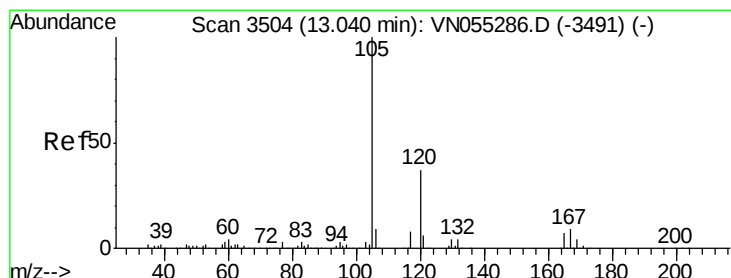
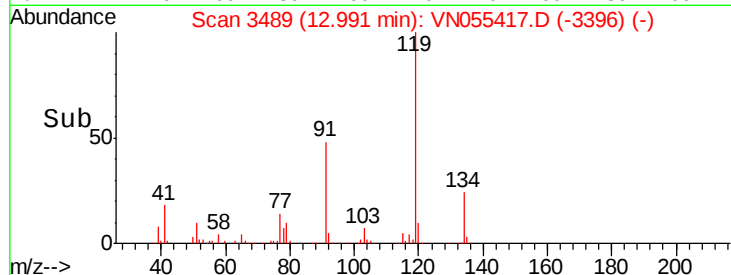
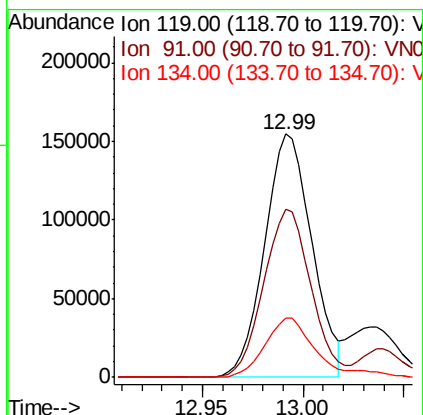
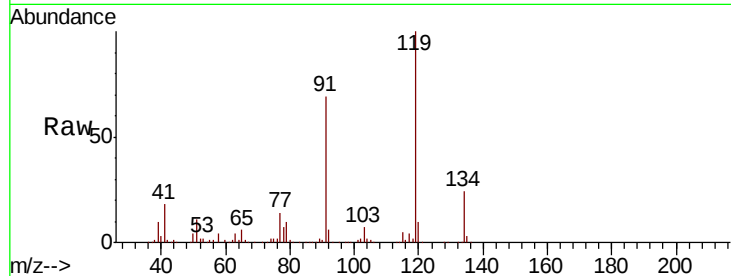




#83
 tert-Butylbenzene
 Concen: 21.799 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

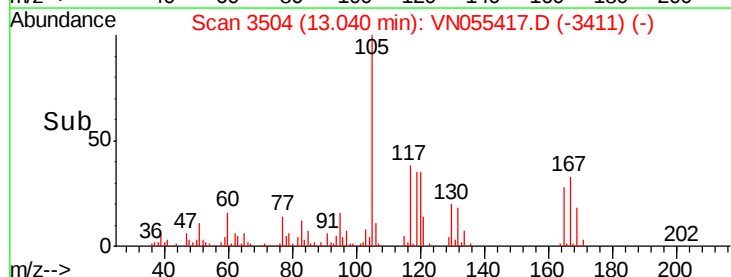
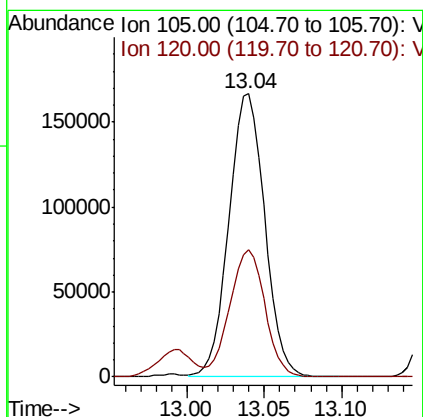
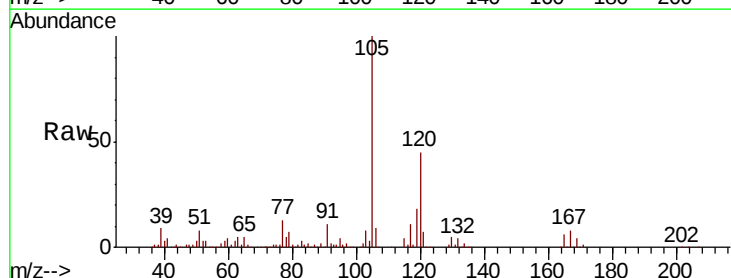
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

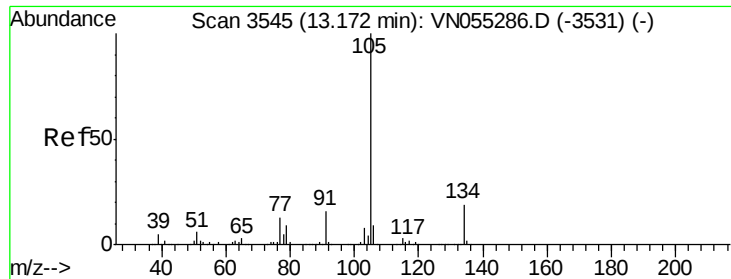
Tot Ion:119 Resp: 251907
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.3 102.9
 134 26.4 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.731 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion:105 Resp: 267927
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.842 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

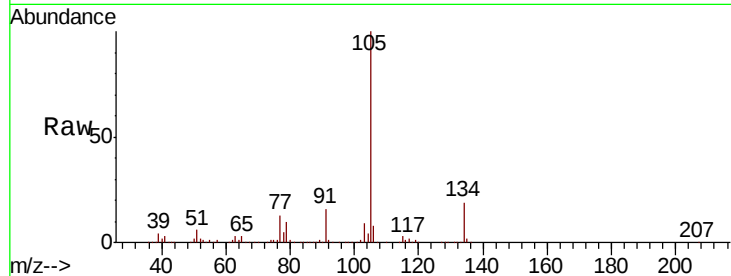
VN0506MBS01

Tot Ion:105 Resp: 327439

Ion Ratio Lower Upper

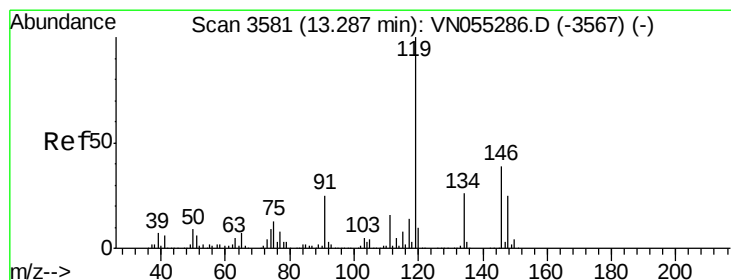
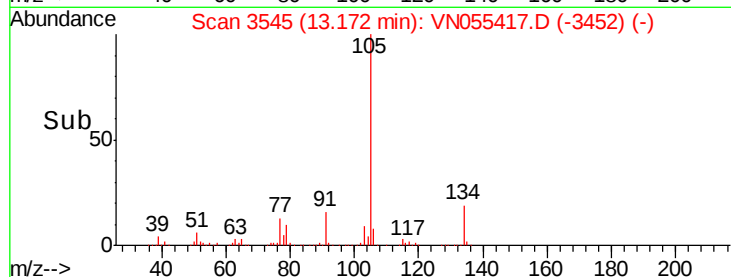
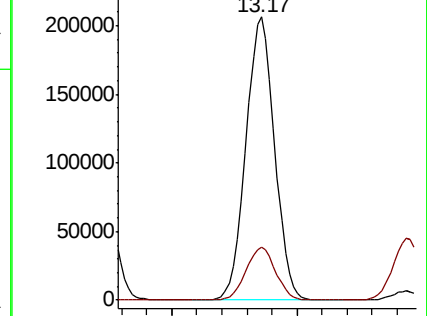
105 100

134 19.2 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.159 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

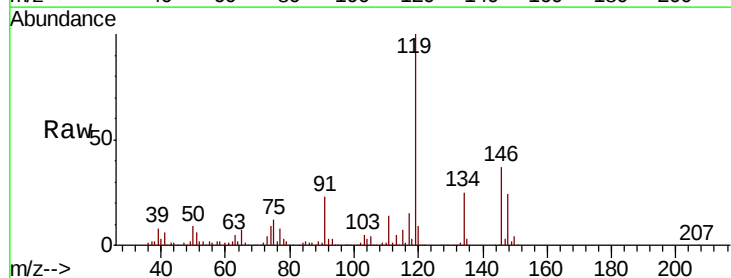
Tgt Ion:119 Resp: 273431

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

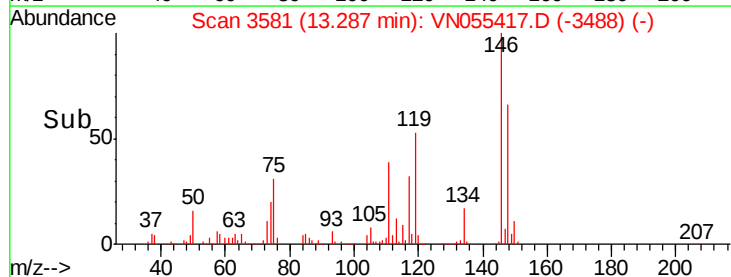
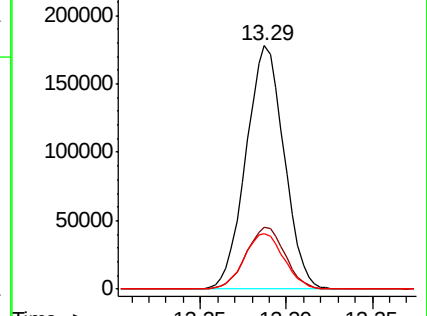
91 23.8 12.2 36.6

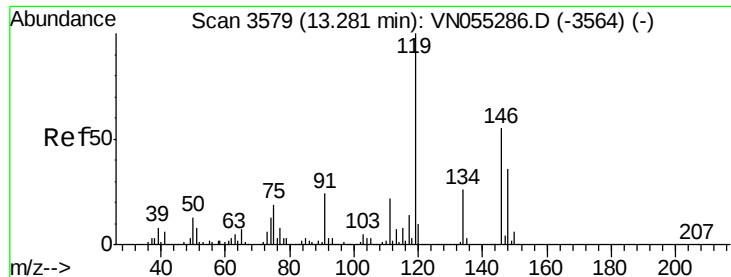


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

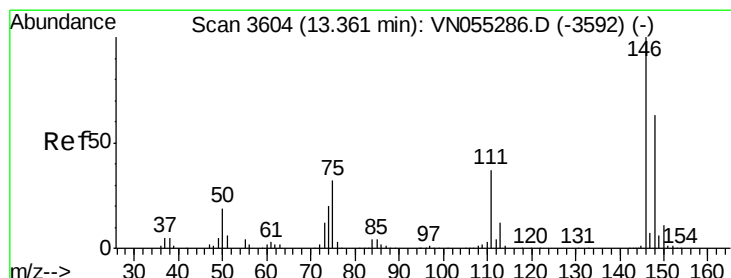
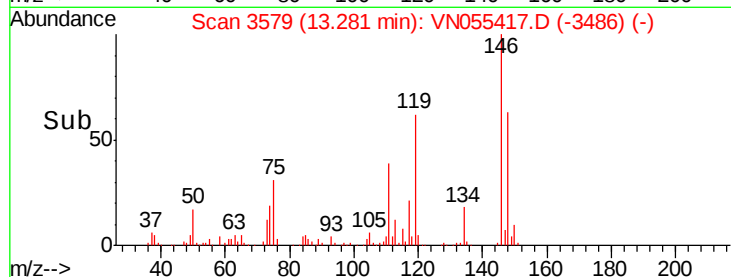
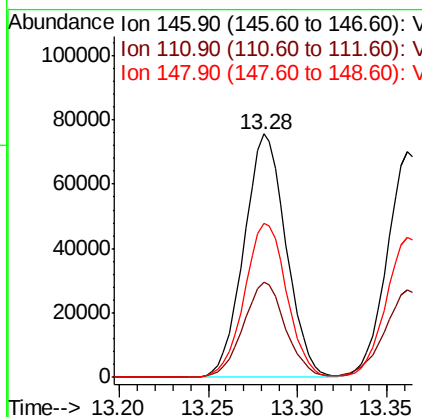
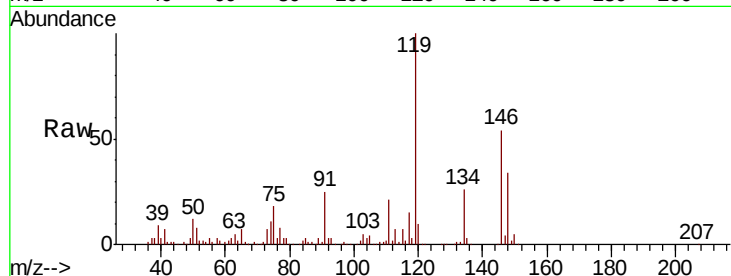




#87
 1,3-Dichlorobenzene
 Concen: 19.200 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

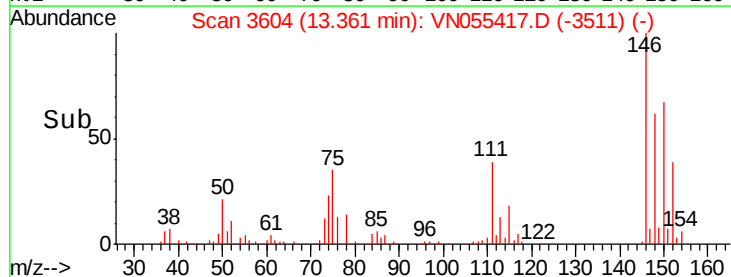
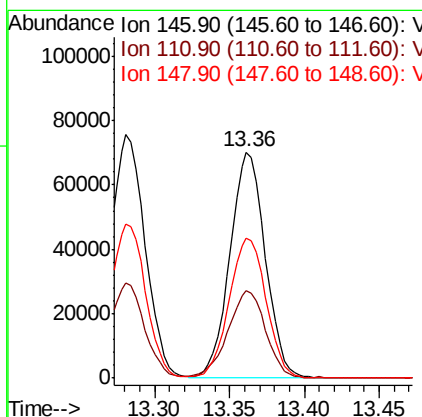
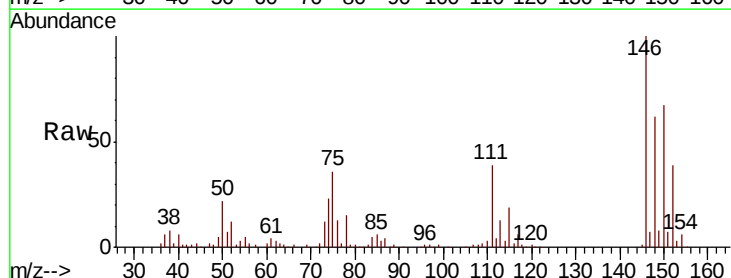
Instrument :
 MSVOA_N
 ClientSampled :
 VN0506MBS01

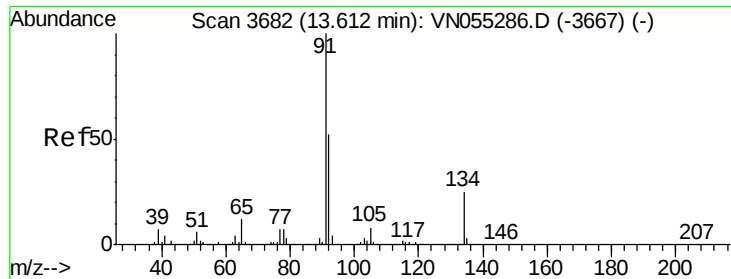
Tot Ion:146 Resp: 124429
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.3 60.8
 148 63.5 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.947 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion:146 Resp: 115635
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.5 58.5
 148 64.9 32.5 97.4





#89

n-Butylbenzene

Concen: 19.629 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

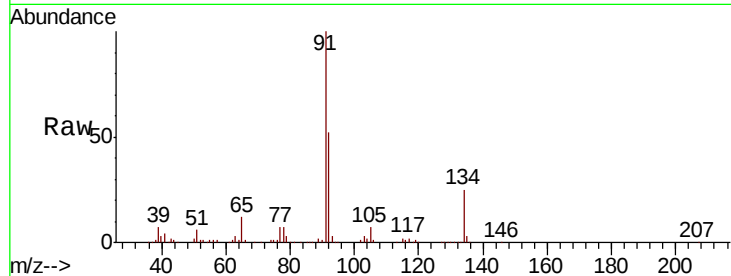
Tot Ion: 91 Resp: 189185

Ion Ratio Lower Upper

91 100

92 50.6 26.1 78.3

134 24.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055417.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055417.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055417.D (-3682) (-)

13.61

150000

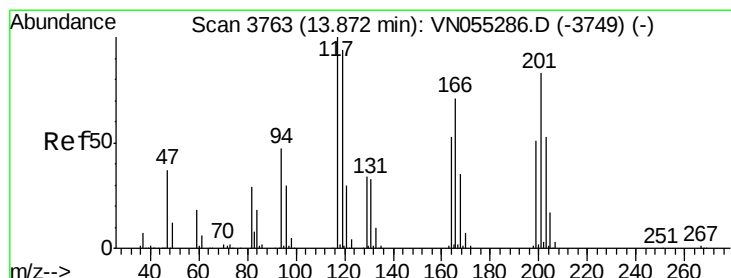
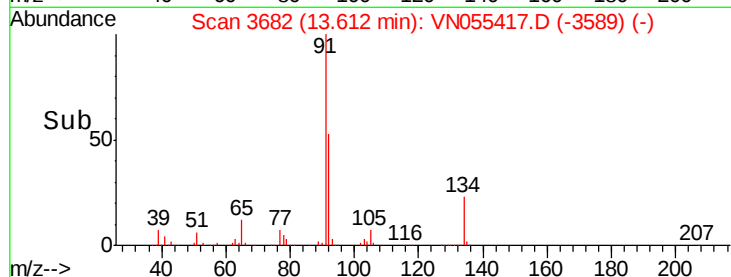
100000

50000

0

13.60 13.70

Time-->



#90

Hexachloroethane

Concen: 20.039 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055417.D

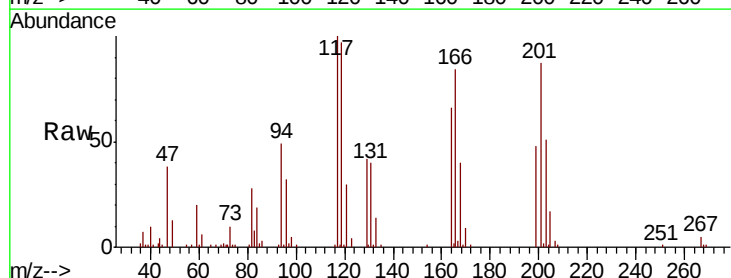
Acq: 6 May 2019 15:50

Tgt Ion: 117 Resp: 45063

Ion Ratio Lower Upper

117 100

201 87.5 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055417.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055417.D (-3763) (-)

13.87

30000

25000

20000

15000

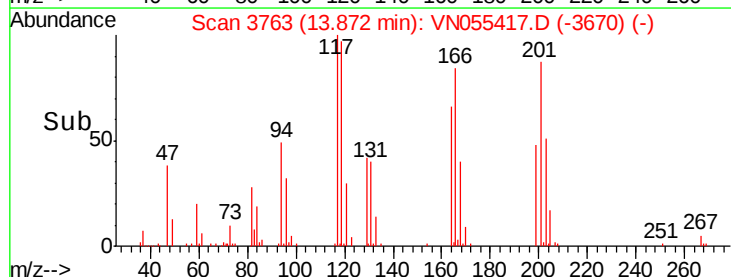
10000

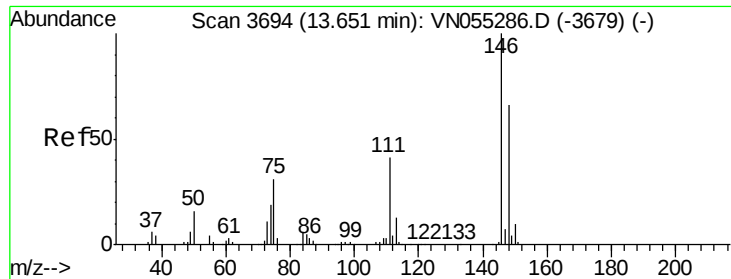
5000

0

13.80 13.85 13.90

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.624 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

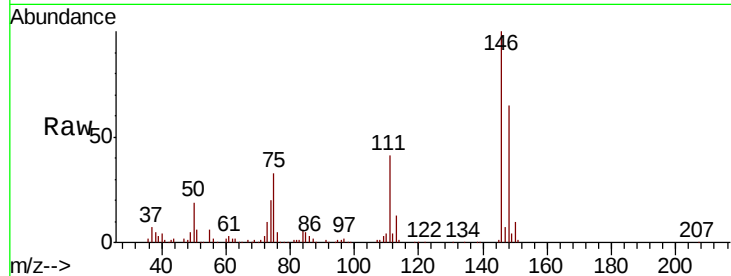
Tot Ion:146 Resp: 126049

Ion Ratio Lower Upper

146 100

111 41.9 20.3 61.0

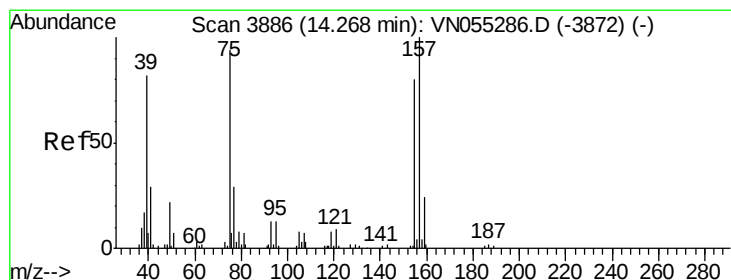
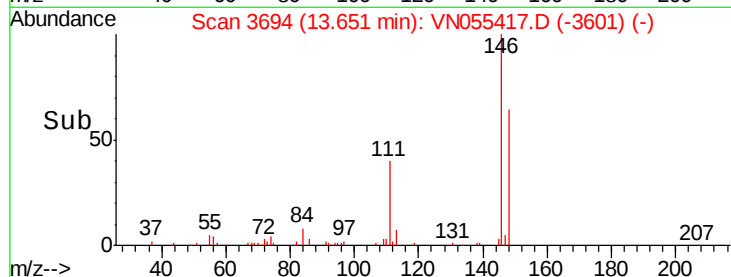
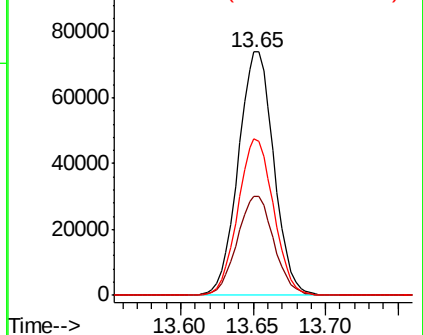
148 64.2 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.802 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055417.D

Acq: 6 May 2019 15:50

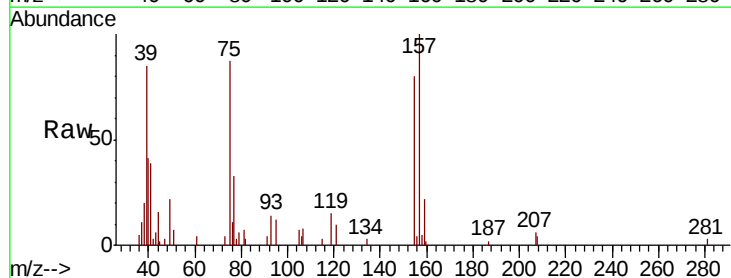
Tgt Ion: 75 Resp: 11108

Ion Ratio Lower Upper

75 100

155 87.9 41.5 124.6

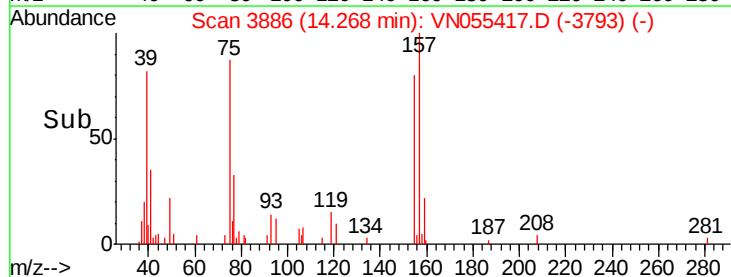
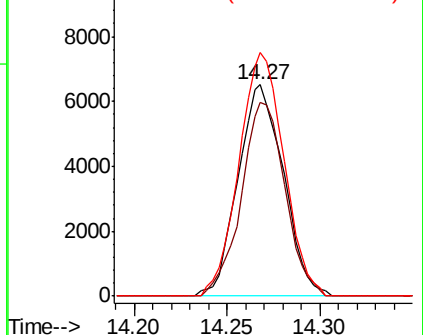
157 113.4 54.0 162.2

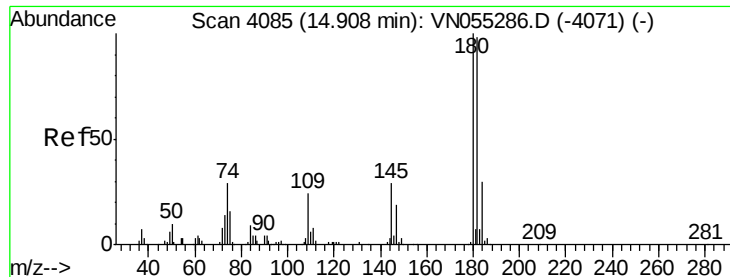


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

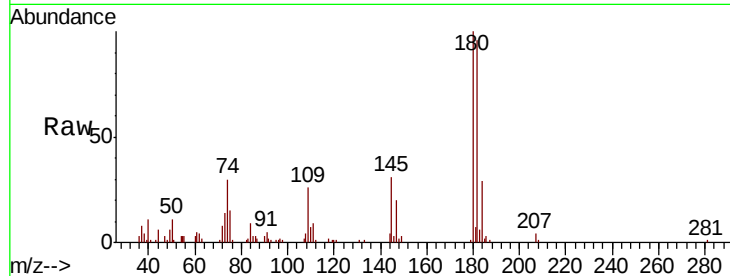




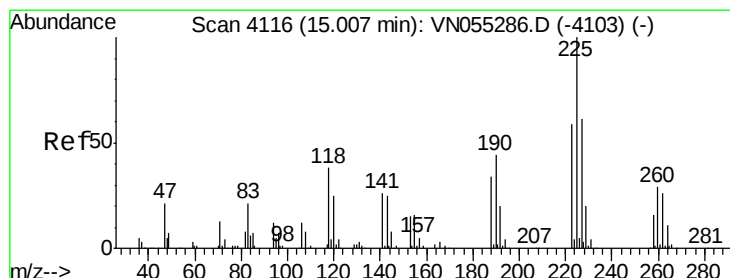
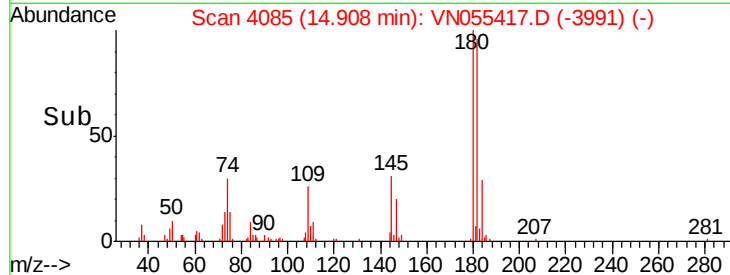
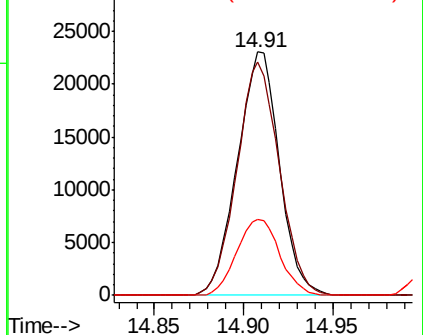
#93
 1,2,4-Trichlorobenzene
 Concen: 17.205 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Tot Ion:180 Resp: 37677
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.3 144.9
 145 31.9 14.2 42.6

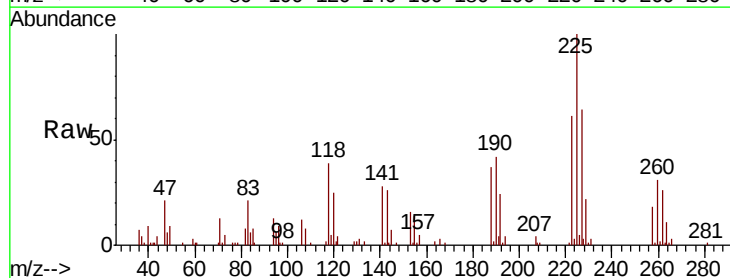


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

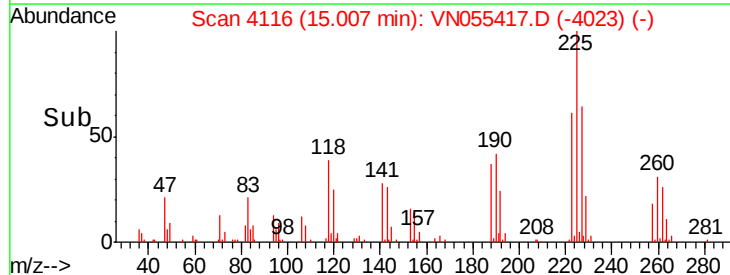
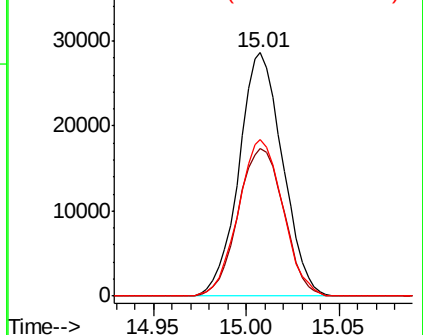


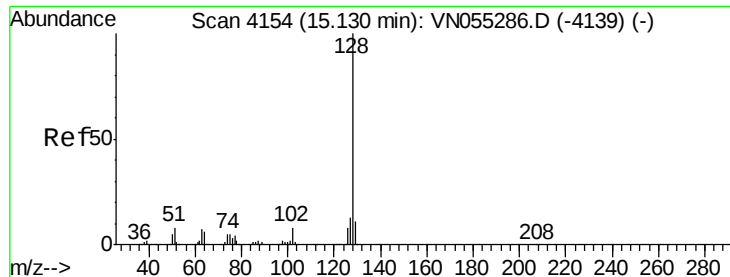
#94
 Hexachlorobutadiene
 Concen: 22.682 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055417.D
 Acq: 6 May 2019 15:50

Tgt Ion:225 Resp: 46795
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.3 90.8
 227 65.3 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

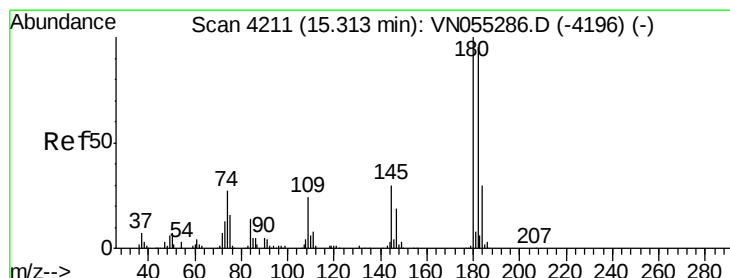
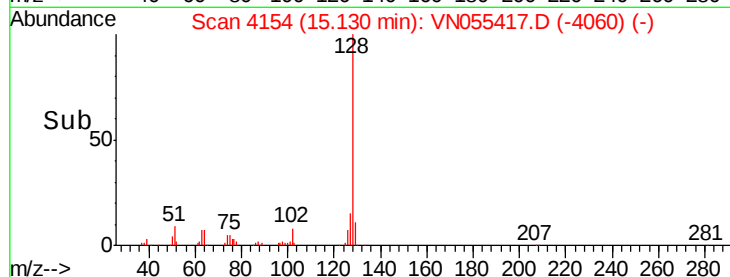
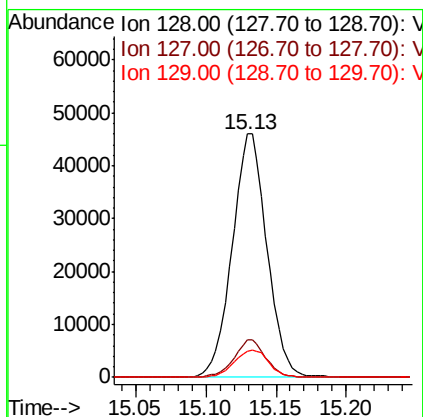
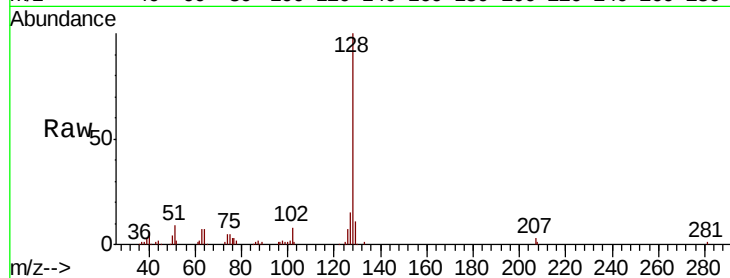




#95
Naphthalene
Concen: 17.049 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tot Ion:128 Resp: 79126
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.247 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055417.D
Acq: 6 May 2019 15:50

Tgt Ion:180 Resp: 43769
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 30.0 15.2 45.6

