

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055977.D
 Acq On : 4 Jun 2019 9:12
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 05 01:10:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	330533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	478942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	425765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177794	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	70990	21.63	ug/l	0.00
Spiked Amount						
			Recovery	=	43.26%	
35) Dibromofluoromethane	7.59	113	62326	21.21	ug/l	0.00
Spiked Amount						
			Recovery	=	42.42%	
50) Toluene-d8	10.09	98	239439	21.18	ug/l	0.00
Spiked Amount						
			Recovery	=	42.36%	
62) 4-Bromofluorobenzene	12.40	95	78923	20.52	ug/l	0.00
Spiked Amount						
			Recovery	=	41.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	76116	21.167	ug/l	100
3) Chloromethane	2.06	50	78844	22.005	ug/l	98
4) Vinyl Chloride	2.18	62	78667	21.888	ug/l	100
5) Bromomethane	2.55	94	53251	23.455	ug/l	97
6) Chloroethane	2.69	64	45112	21.649	ug/l	94
7) Trichlorofluoromethane	3.01	101	94544	20.606	ug/l	99
8) Diethyl Ether	3.40	74	38942	20.639	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	58611	21.029	ug/l	99
10) Methyl Iodide	3.94	142	89611	20.232	ug/l	99
11) Tert butyl alcohol	4.81	59	62058	108.659	ug/l	97
12) 1,1-Dichloroethene	3.72	96	57942	20.882	ug/l	97
13) Acrolein	3.61	56	16436	99.784	ug/l	100
14) Allyl chloride	4.31	41	89188	20.356	ug/l	98
15) Acrylonitrile	4.99	53	145334	104.536	ug/l	100
16) Acetone	3.82	43	168748	107.508	ug/l	97
17) Carbon Disulfide	4.04	76	132065	19.878	ug/l	100
18) Methyl Acetate	4.33	43	64023	20.423	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	182037	20.581	ug/l	98
20) Methylene Chloride	4.54	84	66584	20.590	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	61216	20.590	ug/l	99
22) Diisopropyl ether	5.95	45	183075	20.213	ug/l	94
23) Vinyl Acetate	5.90	43	744232	104.342	ug/l	100
24) 1,1-Dichloroethane	5.84	63	108368	20.742	ug/l	99
25) 2-Butanone	6.84	43	209409	105.592	ug/l	99
26) 2,2-Dichloropropane	6.82	77	82812	20.313	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	72174	20.652	ug/l	97
28) Bromochloromethane	7.19	49	52164	21.113	ug/l	98
29) Tetrahydrofuran	7.22	42	126275	103.007	ug/l	99
30) Chloroform	7.37	83	108446	20.634	ug/l	100
31) Cyclohexane	7.65	56	105287	20.218	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	90754	20.678	ug/l	100
36) 1,1-Dichloropropene	7.79	75	79585	19.325	ug/l	99
37) Ethyl Acetate	6.93	43	75620	20.637	ug/l	100
38) Carbon Tetrachloride	7.77	117	75835	19.973	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	102569	19.993	ug/l	99
40) Benzene	8.04	78	255739	20.446	ug/l	99
41) Methacrylonitrile	7.17	41	34248	20.314	ug/l	90
42) 1,2-Dichloroethane	8.12	62	82738	20.564	ug/l	99
43) Isopropyl Acetate	8.17	43	118976	20.037	ug/l	99
44) Trichloroethene	8.83	130	72310	20.119	ug/l	97
45) 1,2-Dichloropropane	9.12	63	66310	20.697	ug/l	98
46) Dibromomethane	9.21	93	42450	20.262	ug/l	98
47) Bromodichloromethane	9.40	83	76080	20.036	ug/l	99
48) Methyl methacrylate	9.20	41	58738	20.220	ug/l	98
49) 1,4-Dioxane	9.20	88	25459	405.955	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	371547	100.062	ug/l	99
52) Toluene	10.15	92	160441	20.614	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	78697	19.228	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	93885	20.570	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	63404	20.565	ug/l	99
56) Ethyl methacrylate	10.43	69	88620	19.703	ug/l	98
57) 1,3-Dichloropropane	10.71	76	102858	20.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	150174	94.074	ug/l	99
59) 2-Hexanone	10.75	43	269918	100.295	ug/l	100
60) Dibromochloromethane	10.90	129	59341	19.048	ug/l	98
61) 1,2-Dibromoethane	11.00	107	63491	20.144	ug/l	97
64) Tetrachloroethene	10.63	164	73768	20.016	ug/l	99
65) Chlorobenzene	11.43	112	169393	19.991	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	60162	20.562	ug/l	99
67) Ethyl Benzene	11.51	91	299211	20.307	ug/l	98
68) m/p-Xylenes	11.62	106	228528	40.601	ug/l	99
69) o-Xylene	11.95	106	112344	20.291	ug/l	99
70) Styrene	11.96	104	178377	20.277	ug/l	99
71) Bromoform	12.13	173	39729	18.029	ug/l #	98
73) Isopropylbenzene	12.25	105	295026	21.921	ug/l	100
74) N-amyl acetate	12.07	43	96646	20.392	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	84275	20.419	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	98652	30.155	ug/l #	100
77) Bromobenzene	12.53	156	76701	20.150	ug/l	97
78) n-propylbenzene	12.59	91	303665	20.189	ug/l	99
79) 2-Chlorotoluene	12.67	91	190108	21.462	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	242597	20.294	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17944	18.266	ug/l #	80
82) 4-Chlorotoluene	12.77	91	177914	20.218	ug/l	99
83) tert-Butylbenzene	12.99	119	215546	21.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	234635	20.698	ug/l	99
85) sec-Butylbenzene	13.17	105	273208	20.510	ug/l	99
86) p-Isopropyltoluene	13.29	119	245448	20.589	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	120010	20.370	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	113106	19.958	ug/l	99
89) n-Butylbenzene	13.61	91	173038	19.594	ug/l	100
90) Hexachloroethane	13.87	117	35227	19.594	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	123160	20.706	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12658	21.442	ug/l	97

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Quant Title : SW846 8260
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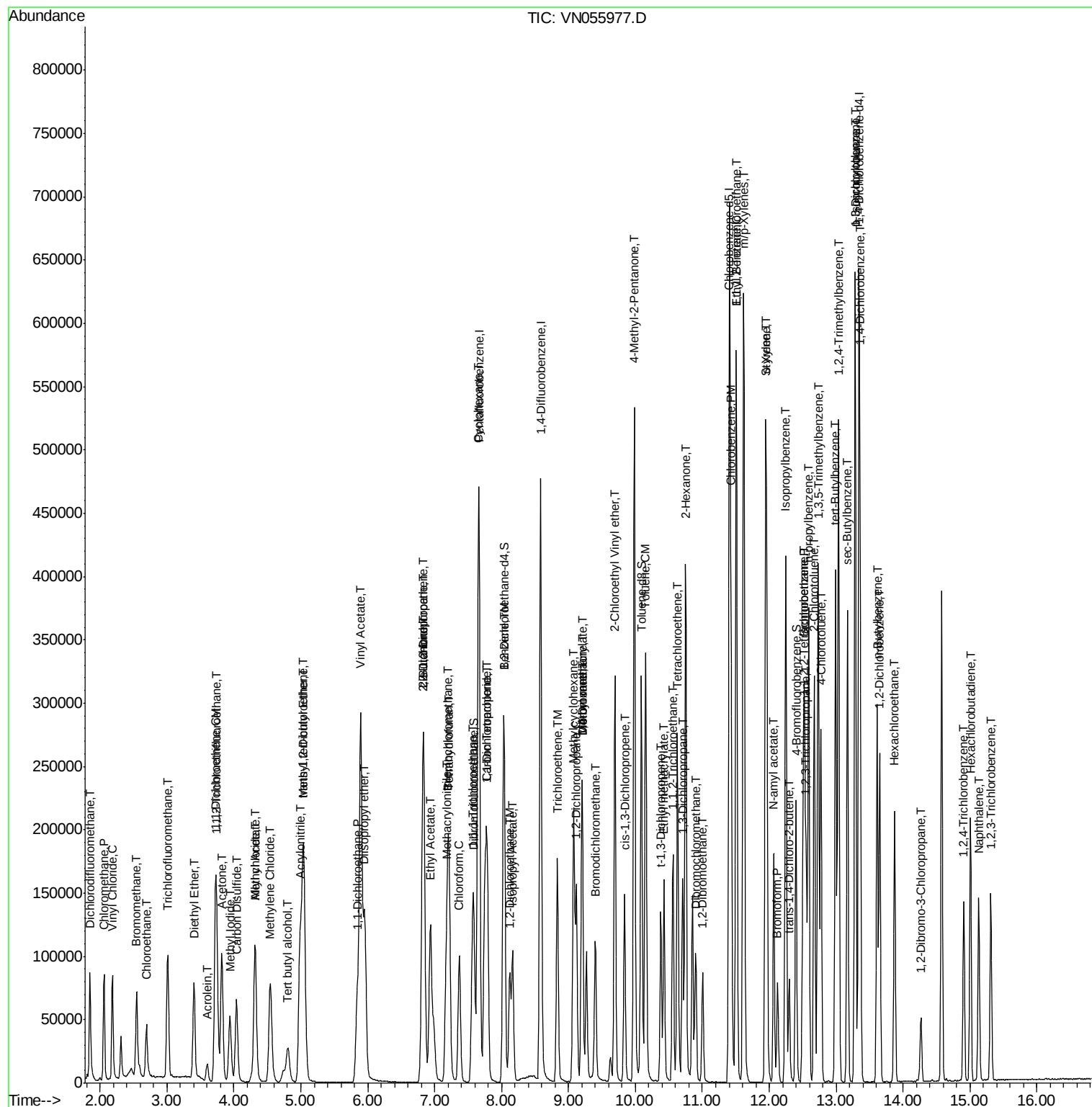
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51501	18.640	ug/l	99
94) Hexachlorobutadiene	15.01	225	45960	21.333	ug/l	99
95) Naphthalene	15.13	128	134398	18.438	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	57987	19.338	ug/l	99

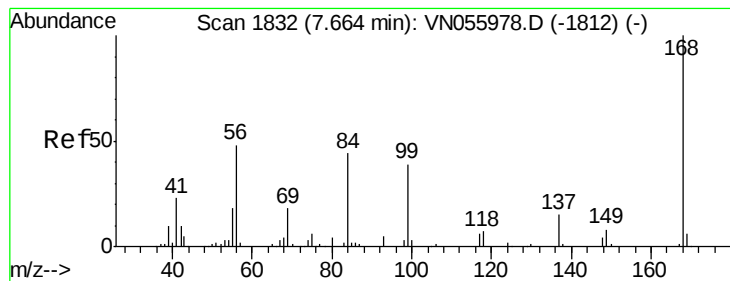
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

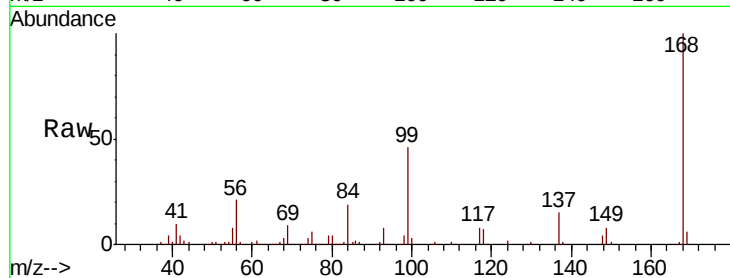
VSTDIC020

Tot Ion:168 Resp: 330533

Ion Ratio Lower Upper

168 100

99 46.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055977.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055977.D (-1739) (-)

7.66

150000

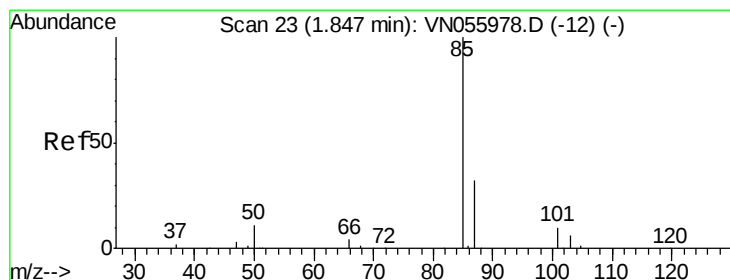
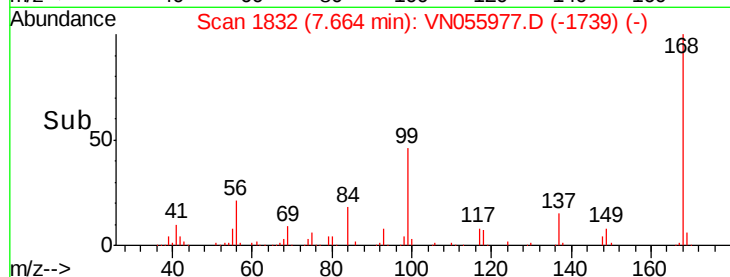
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.167 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055977.D

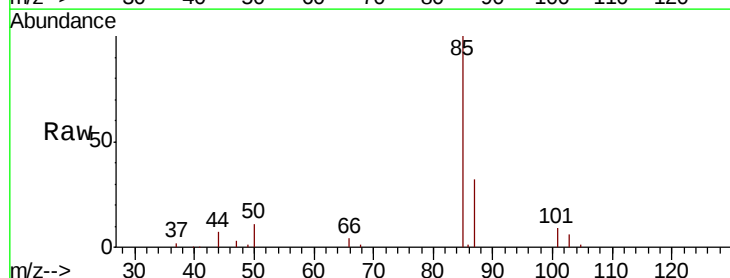
Acq: 4 Jun 2019 9:12

Tgt Ion: 85 Resp: 76116

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055977.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN055977.D (-1) (-)

1.85

50000

40000

30000

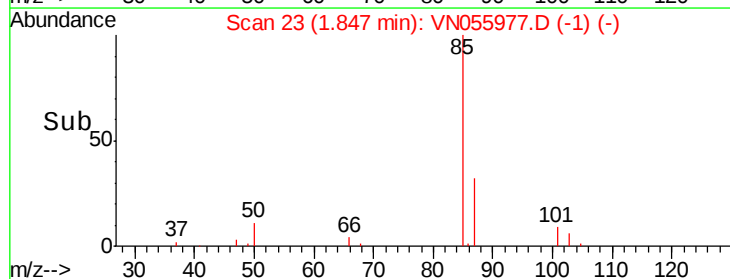
20000

10000

0

1.80 1.85 1.90 1.95

Time-->

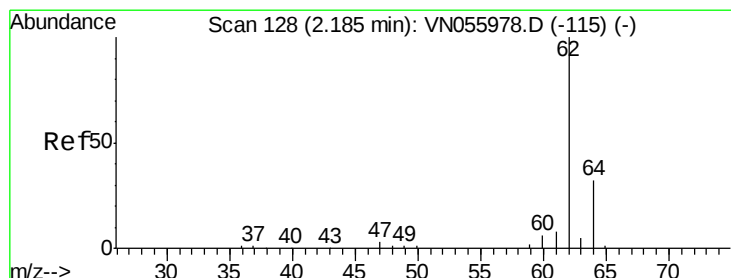
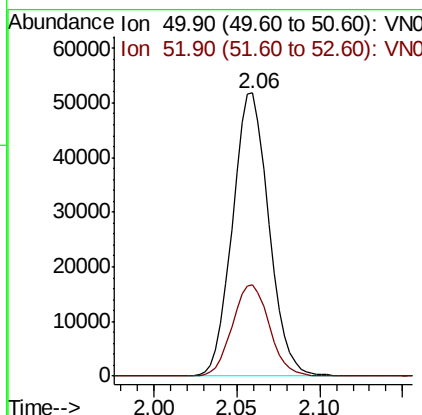
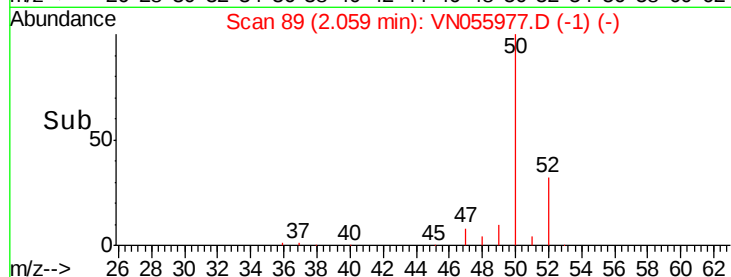
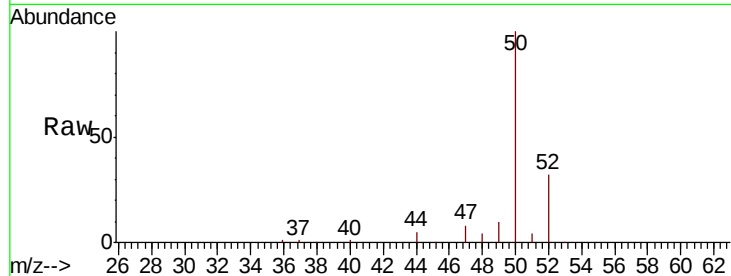




#3
 Chloromethane
 Concen: 22.005 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

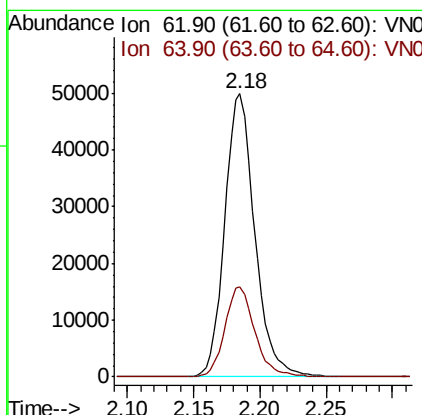
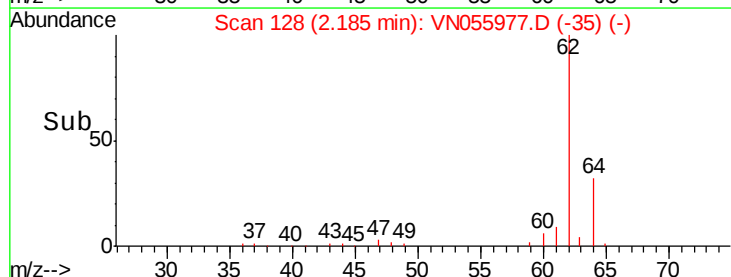
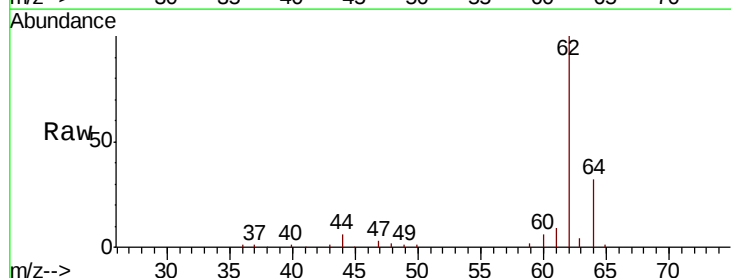
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

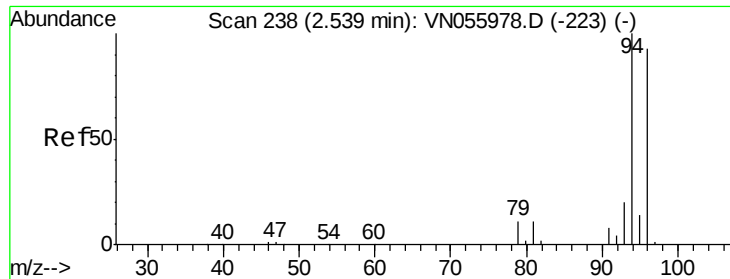
Tot Ion: 50 Resp: 78844
 Ion Ratio Lower Upper
 50 100
 52 32.2 26.6 40.0



#4
 Vinyl Chloride
 Concen: 21.888 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion: 62 Resp: 78667
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.6 38.4

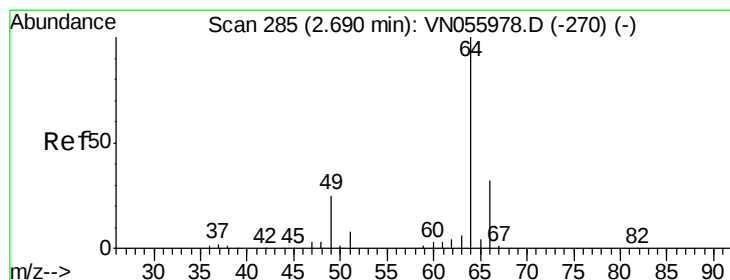
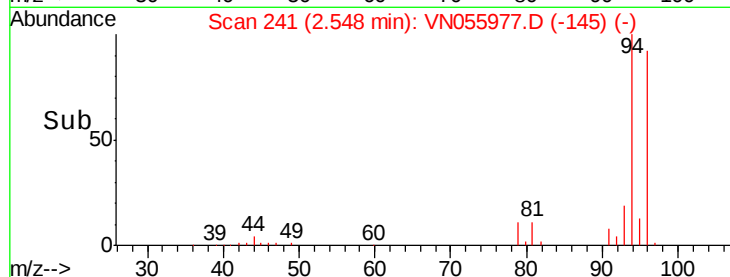
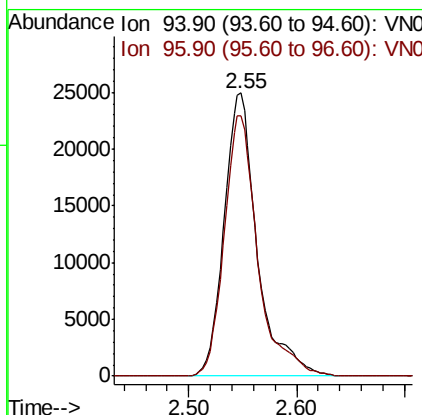
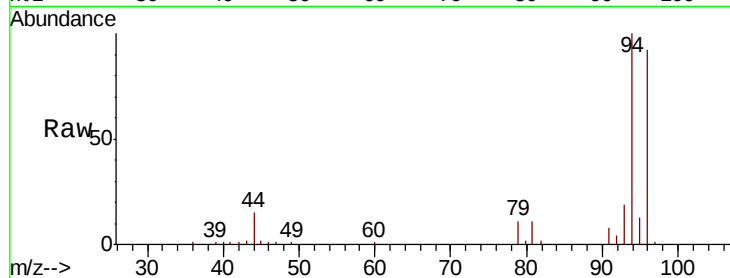




#5
Bromomethane
Concen: 23.455 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

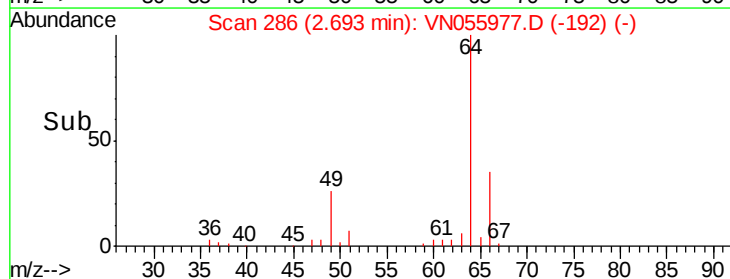
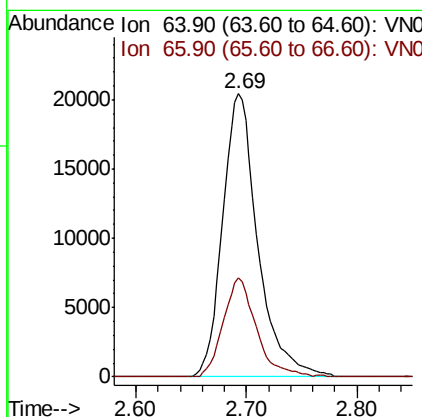
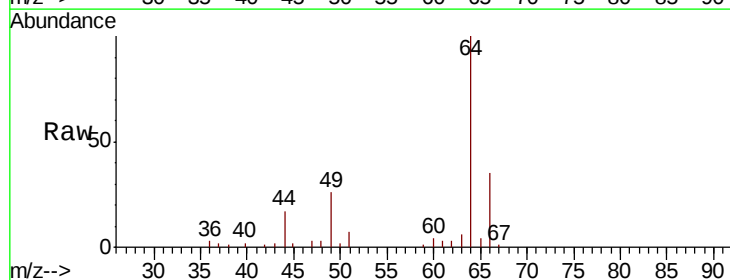
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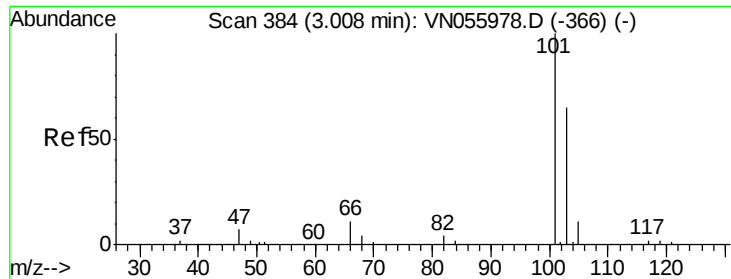
Tot Ion: 94 Resp: 53251
Ion Ratio Lower Upper
94 100
96 91.8 75.5 113.3



#6
Chloroethane
Concen: 21.649 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 64 Resp: 45112
Ion Ratio Lower Upper
64 100
66 35.2 25.4 38.0



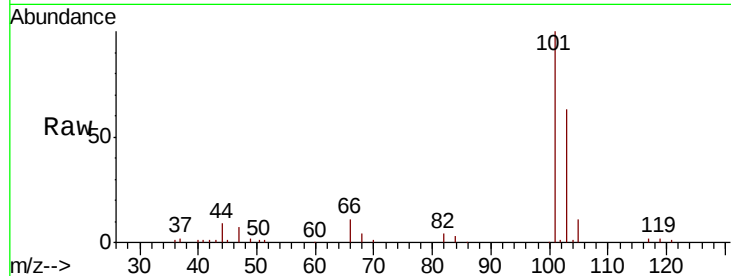


#7

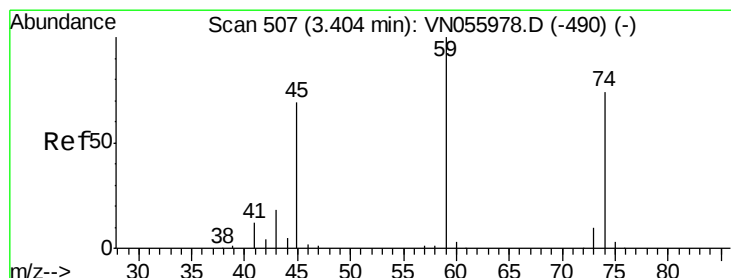
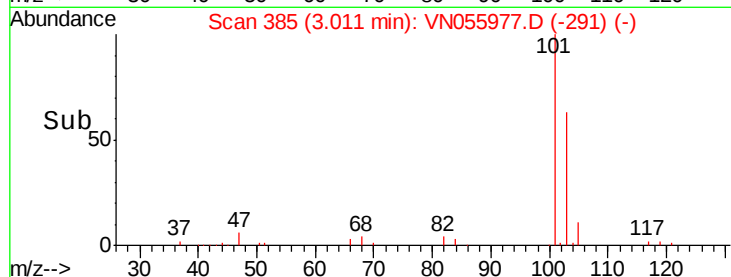
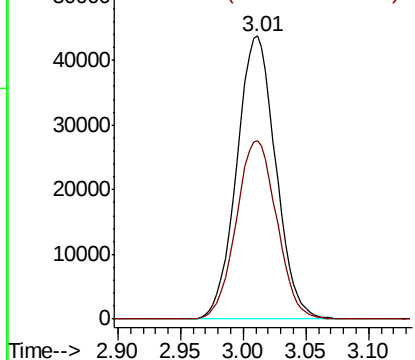
Trichlorofluoromethane
Concen: 20.606 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 94544
Ion Ratio Lower Upper
101 100
103 63.2 51.2 76.8



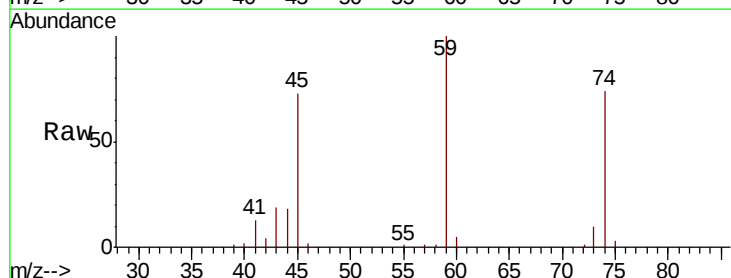
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



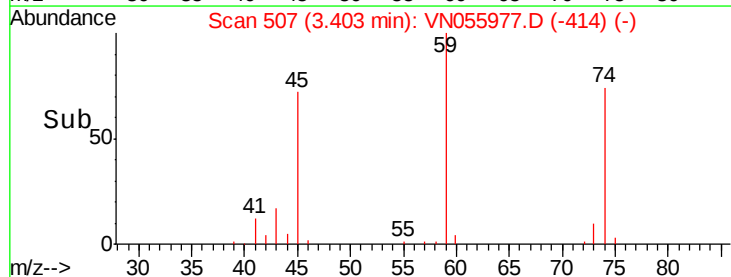
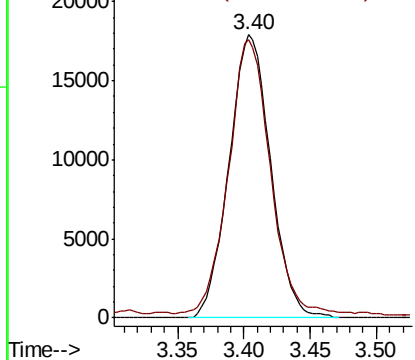
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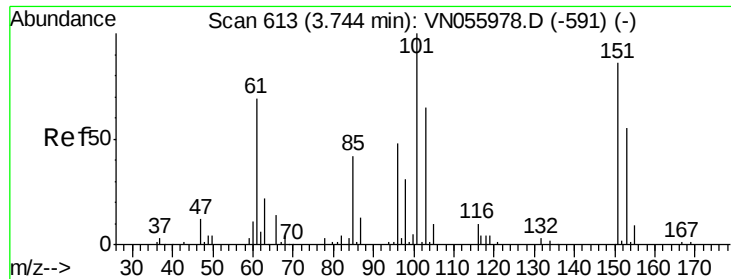
Diethyl Ether
Concen: 20.639 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN055977.D
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Tgt Ion: 74 Resp: 38942
Ion Ratio Lower Upper
74 100
45 96.1 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.029 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN055977.D

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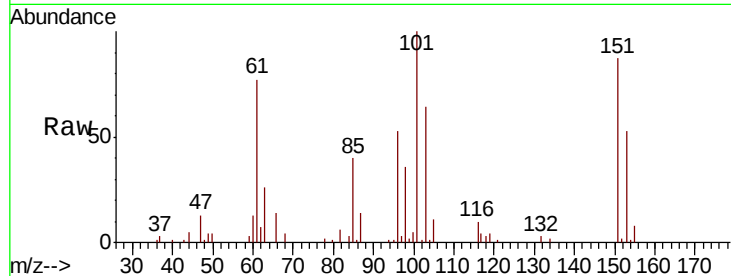
Tot Ion:101 Resp: 58611

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.2

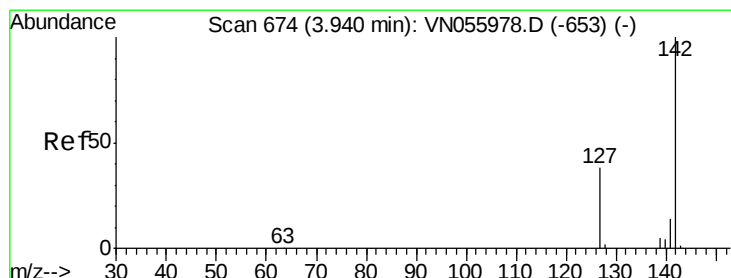
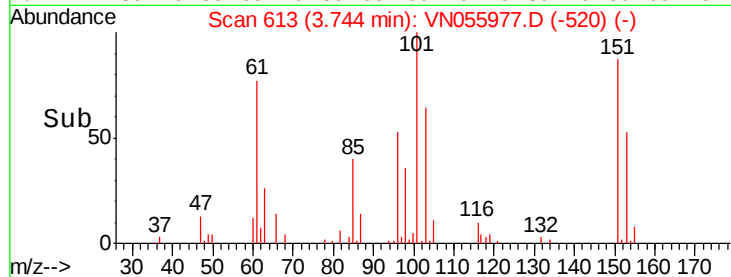
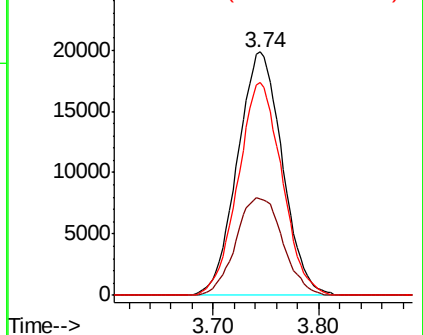
151 85.8 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.232 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

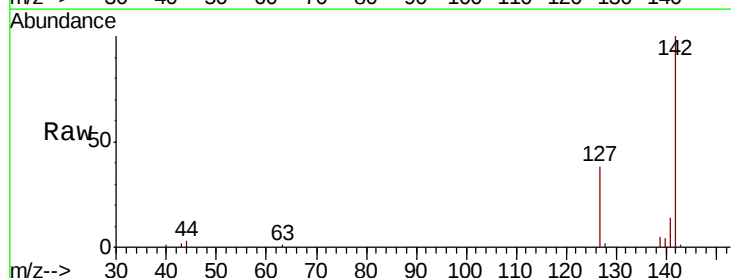
Tgt Ion:142 Resp: 89611

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

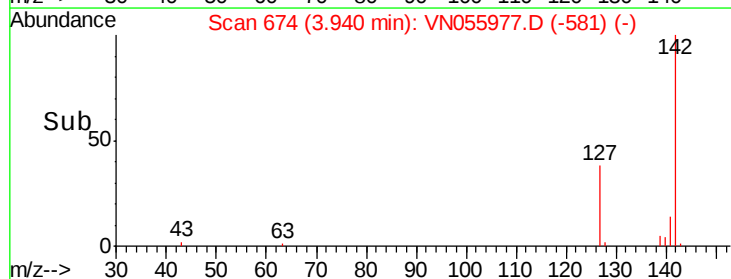
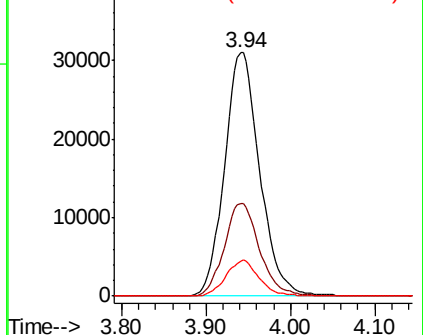
141 13.9 11.4 17.0

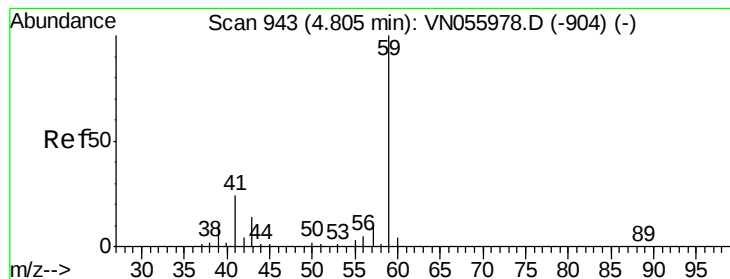


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



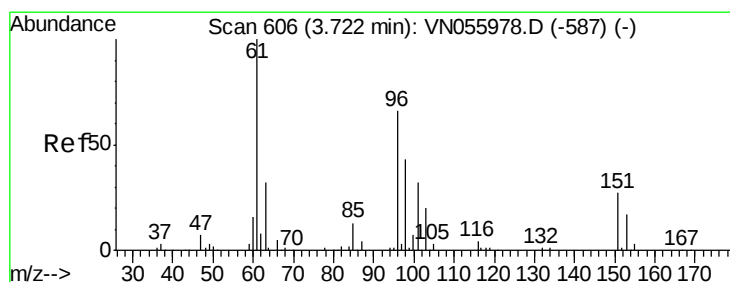
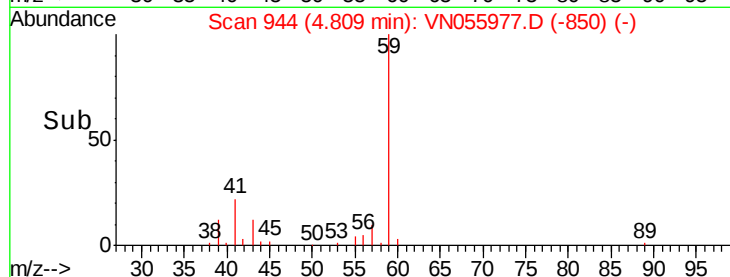
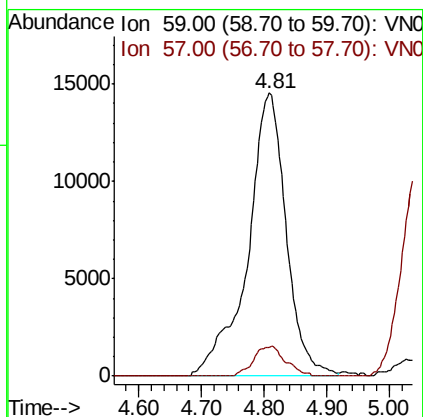
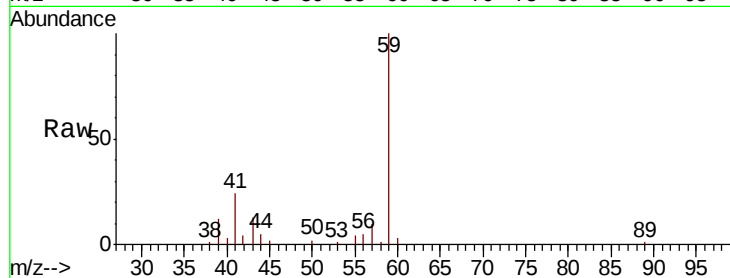


#11

Tert butyl alcohol
 Concen: 108.659 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

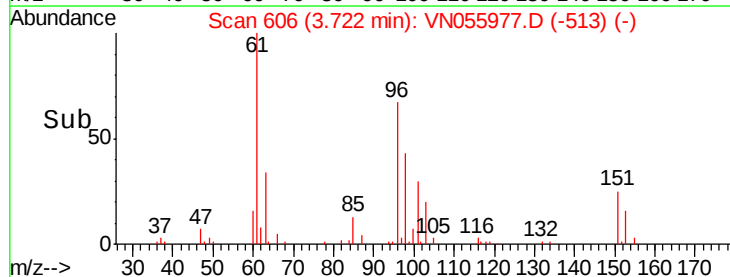
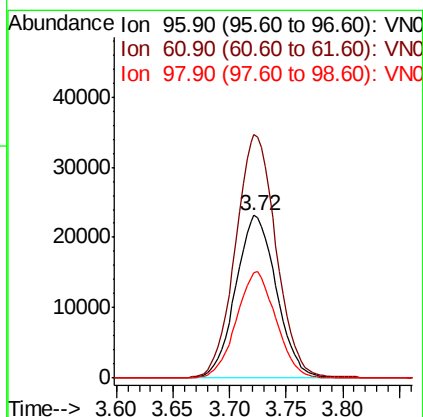
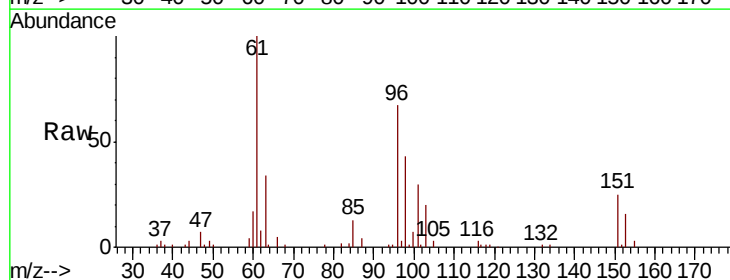
Tot Ion: 59 Resp: 62058
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.8 11.6

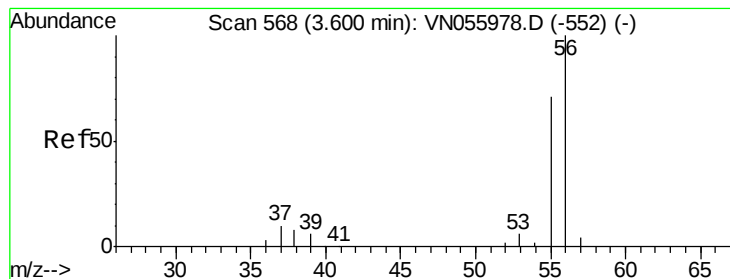


#12

1,1-Dichloroethene
 Concen: 20.882 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion: 96 Resp: 57942
 Ion Ratio Lower Upper
 96 100
 61 149.7 123.2 184.8
 98 65.0 50.4 75.6





#13

Acrolein

Concen: 99.784 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

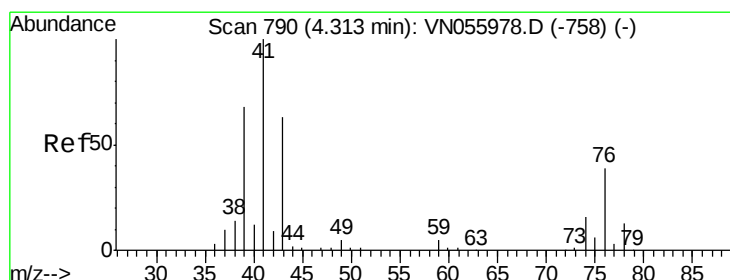
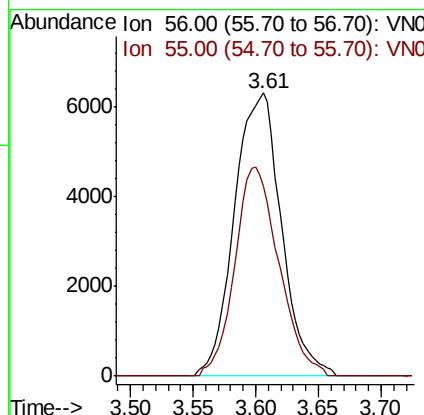
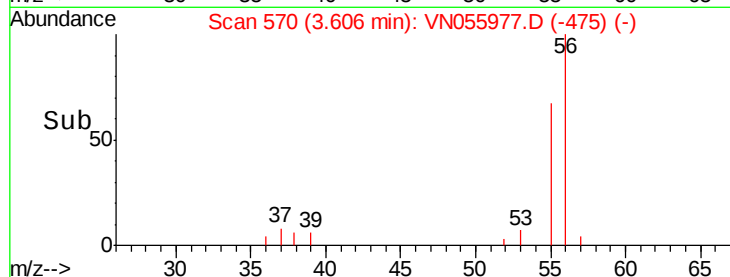
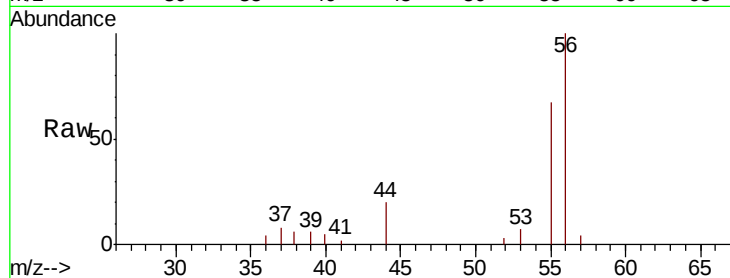
VSTDIC020

Tot Ion: 56 Resp: 16436

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.2



#14

Allyl chloride

Concen: 20.356 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

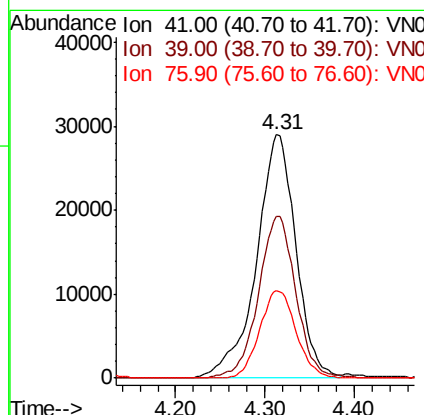
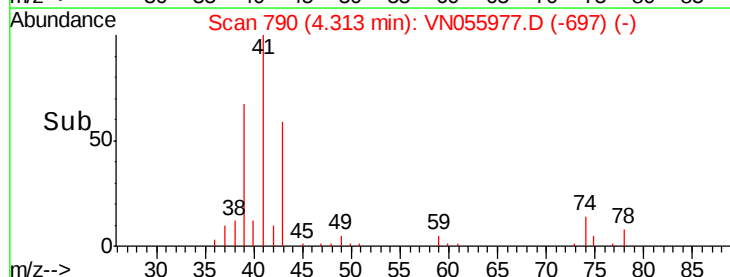
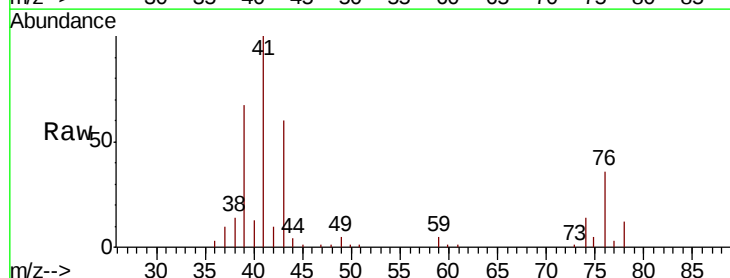
Tgt Ion: 41 Resp: 89188

Ion Ratio Lower Upper

41 100

39 63.1 50.0 75.0

76 33.2 28.2 42.2





#15

Acrylonitrile

Concen: 104.536 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

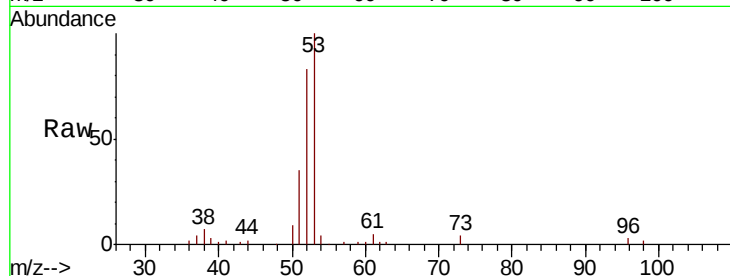
Tot Ion: 53 Resp: 145334

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.8

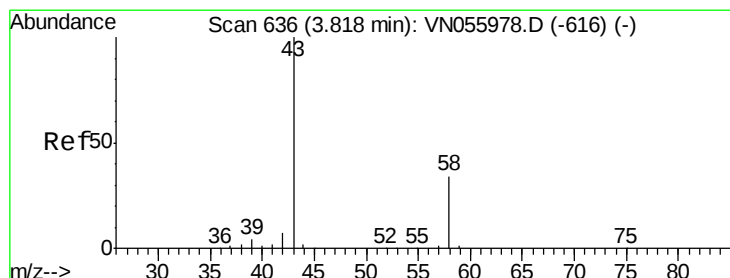
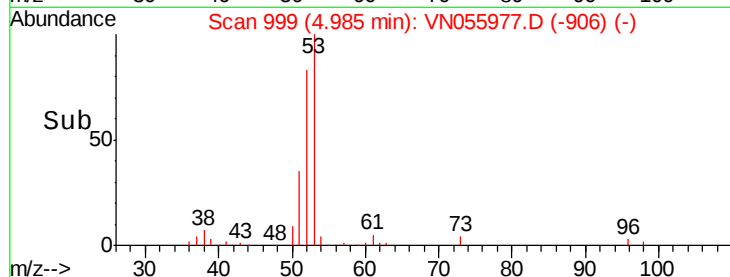
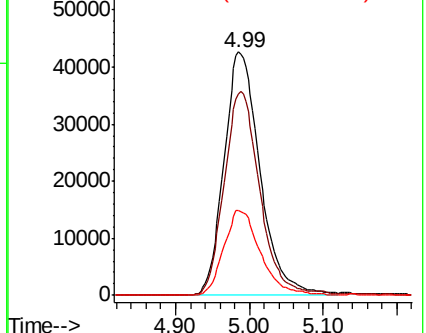
51 35.5 28.2 42.4



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: 107.508 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055977.D

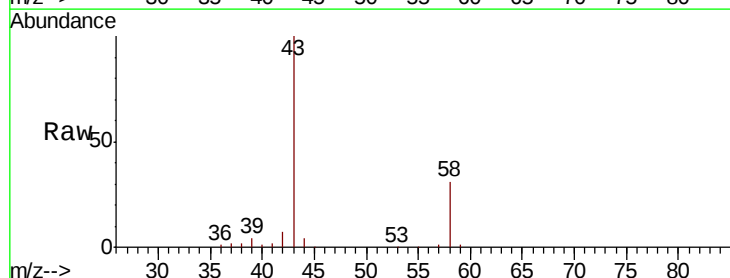
Acq: 4 Jun 2019 9:12

Tgt Ion: 43 Resp: 168748

Ion Ratio Lower Upper

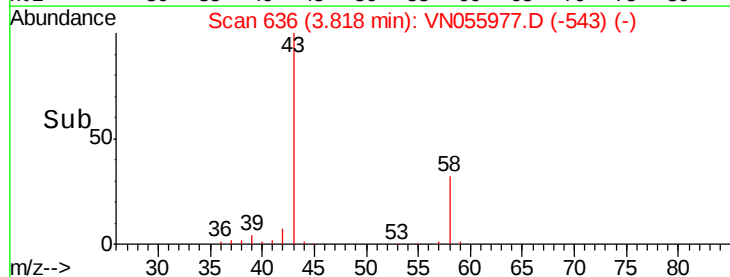
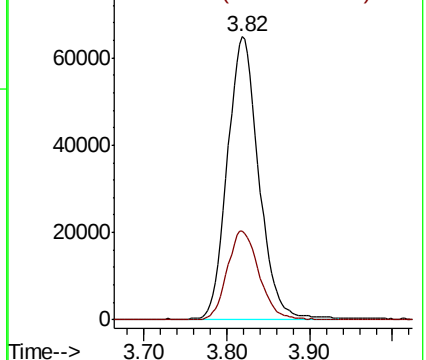
43 100

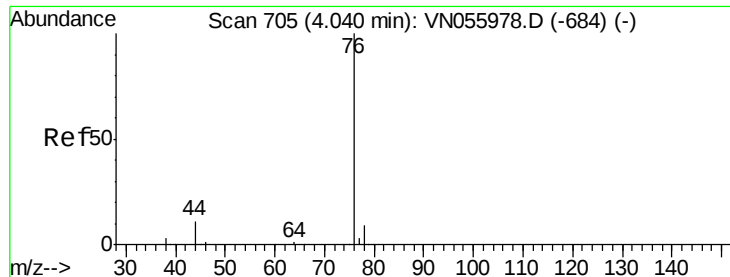
58 31.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

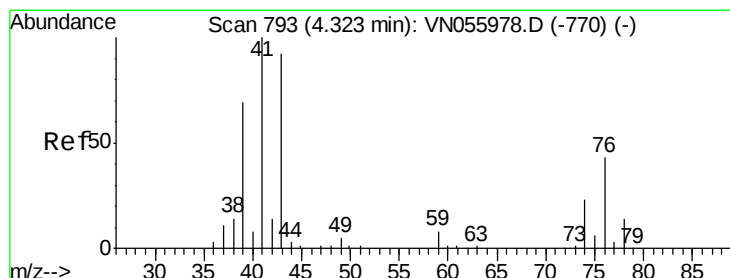
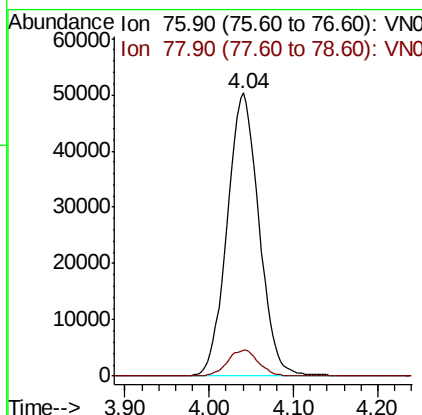
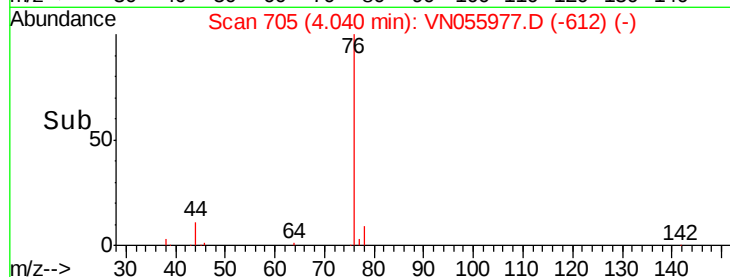
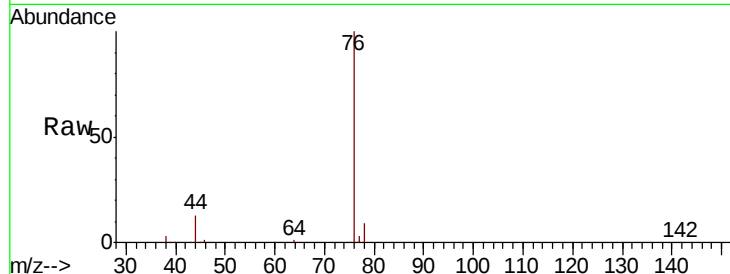




#17
Carbon Disulfide
Concen: 19.878 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

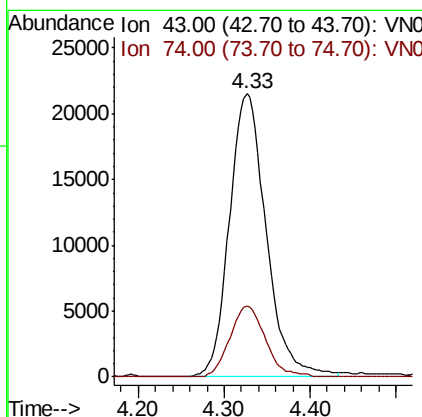
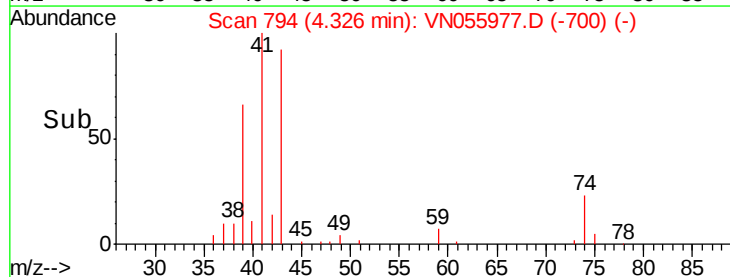
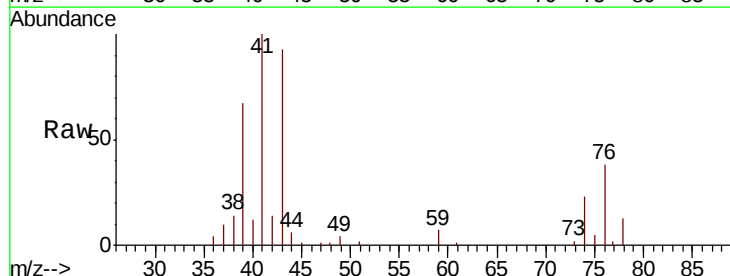
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

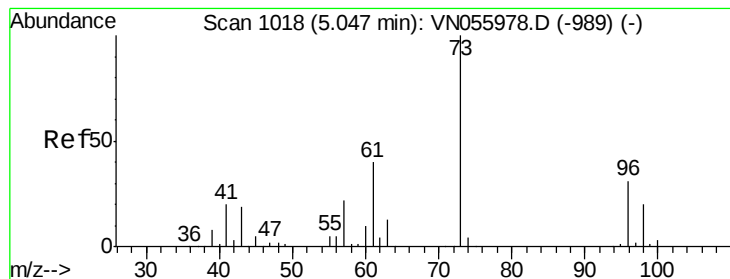
Tot Ion: 76 Resp: 132065
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 20.423 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 43 Resp: 64023
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



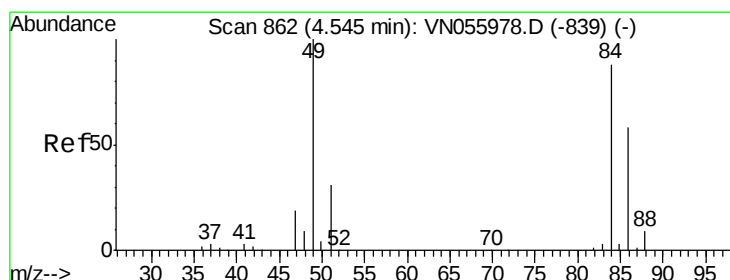
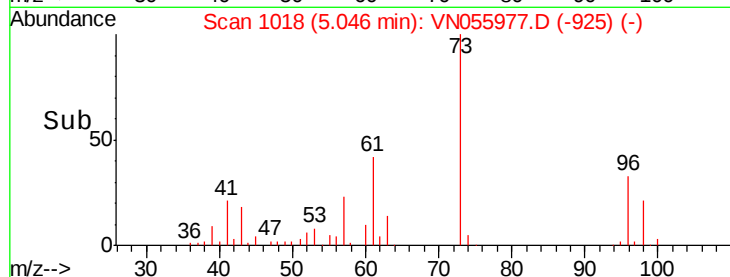
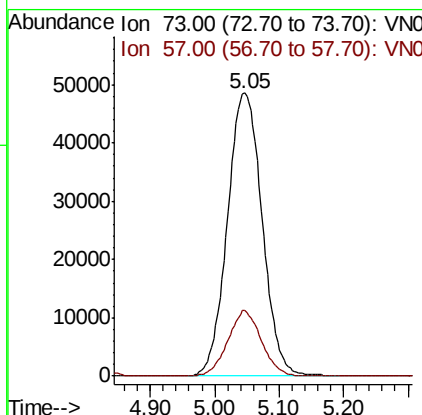
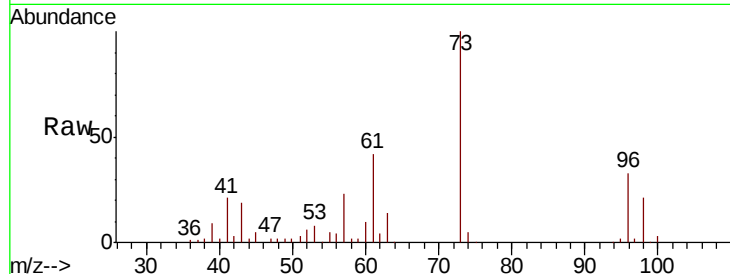


#19

Methyl tert-butyl Ether
 Concen: 20.581 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC020

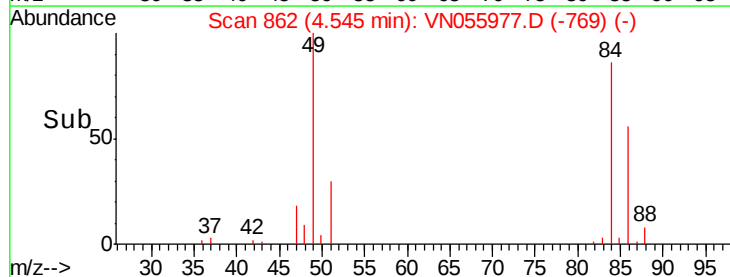
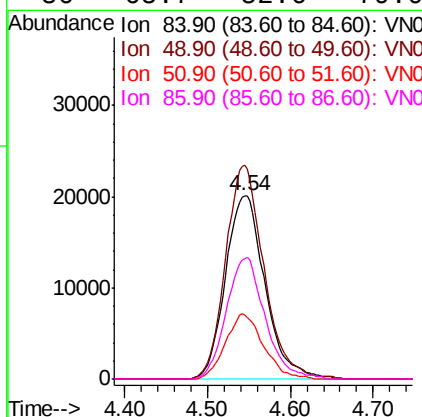
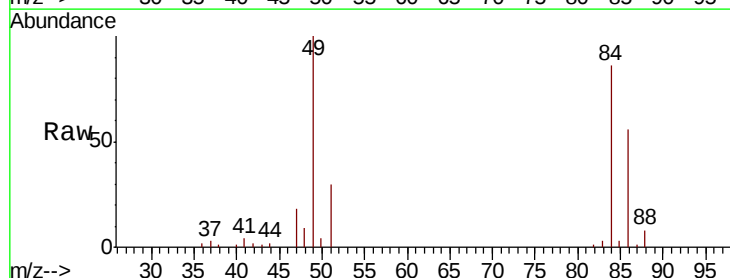
Tot Ion: 73 Resp: 182037
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.8 26.8

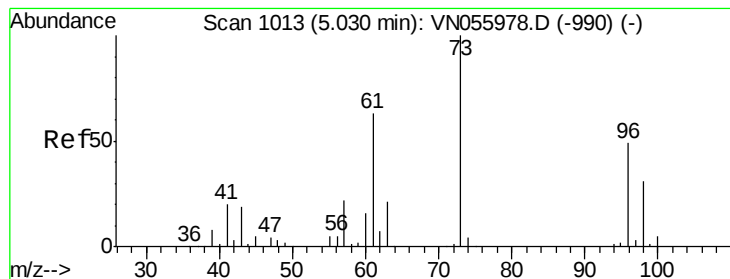


#20

Methylene Chloride
 Concen: 20.590 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion: 84 Resp: 66584
 Ion Ratio Lower Upper
 84 100
 49 116.3 93.5 140.3
 51 34.8 28.6 43.0
 86 65.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.590 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

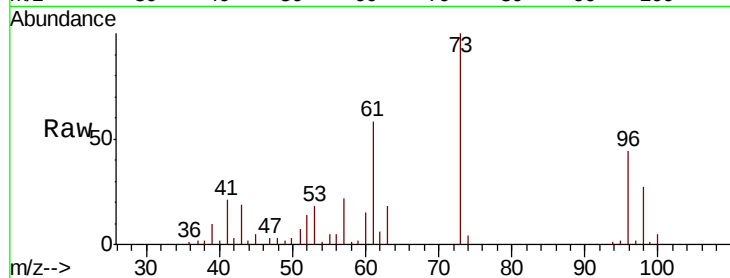
Tot Ion: 96 Resp: 61216

Ion Ratio Lower Upper

96 100

61 132.4 107.8 161.8

98 62.4 49.8 74.8

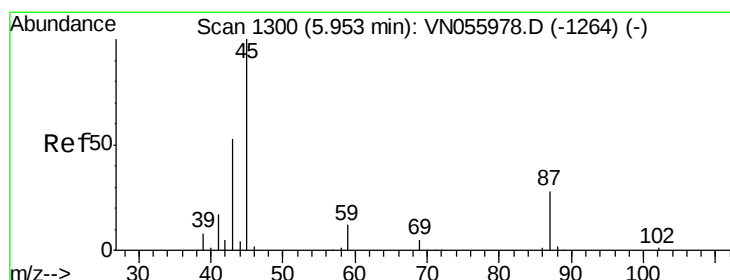
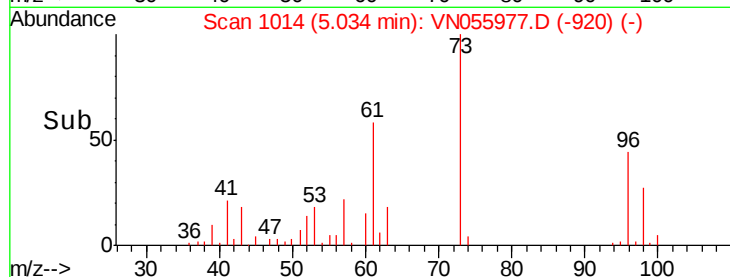
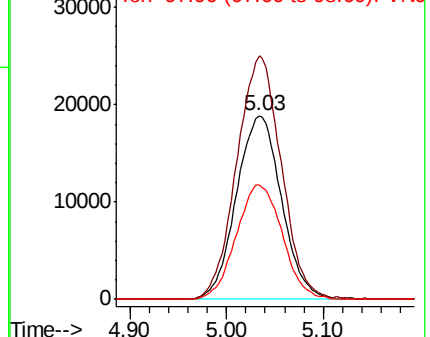


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.213 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Tgt Ion: 45 Resp: 183075

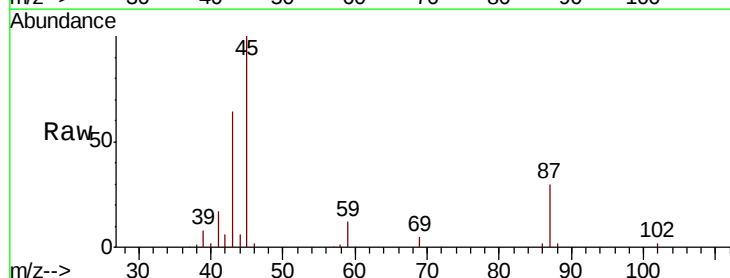
Ion Ratio Lower Upper

45 100

43 61.5 45.0 67.6

87 30.0 22.2 33.4

59 12.2 9.1 13.7



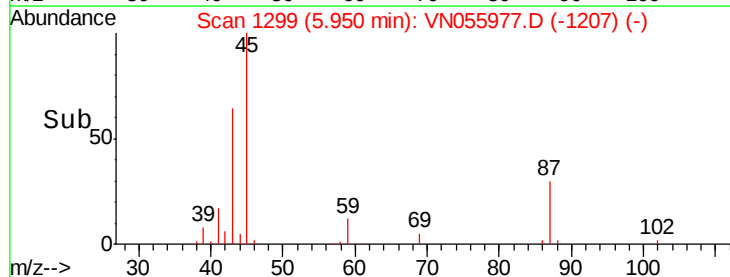
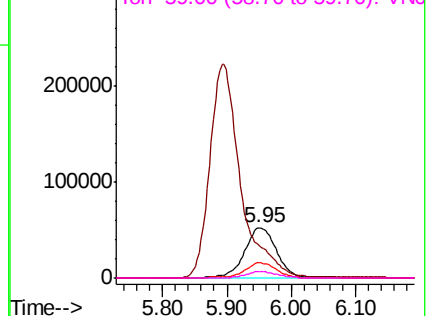
Abundance

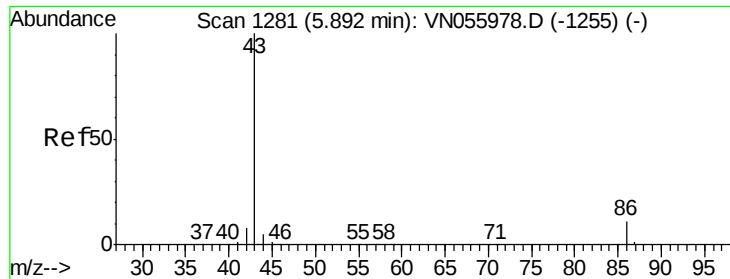
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

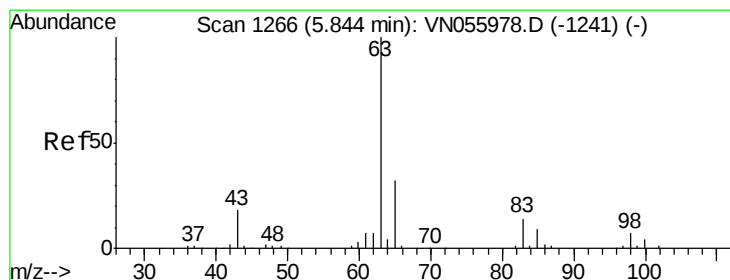
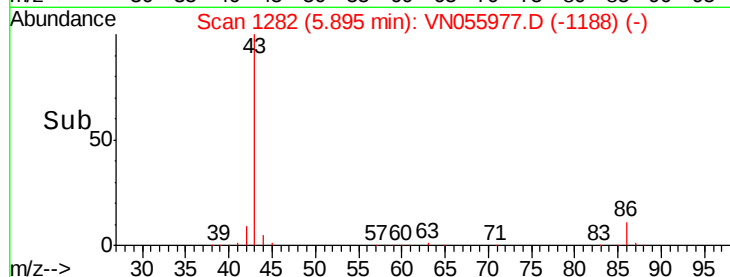
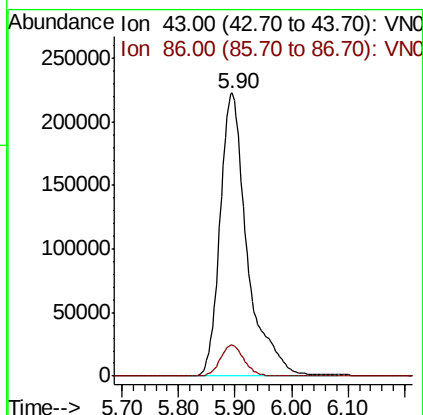
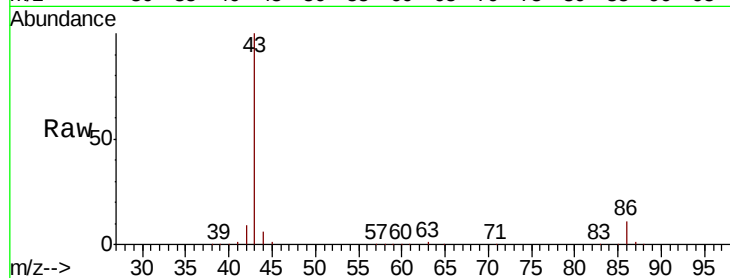




#23
 Vinyl Acetate
 Concen: 104.342 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

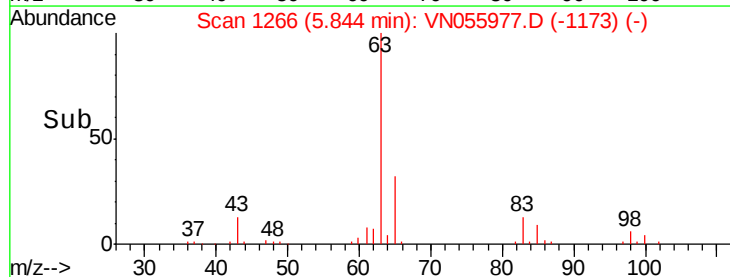
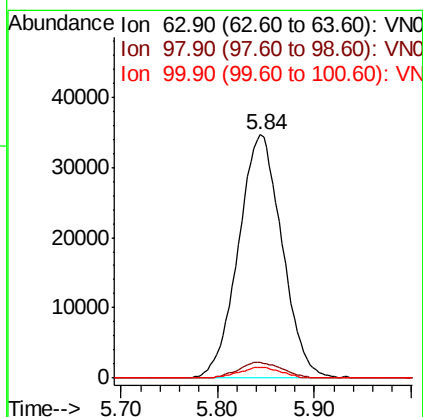
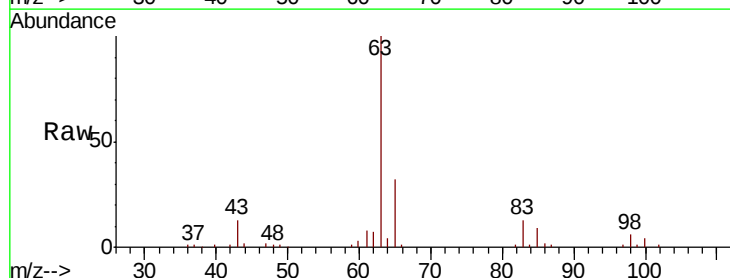
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

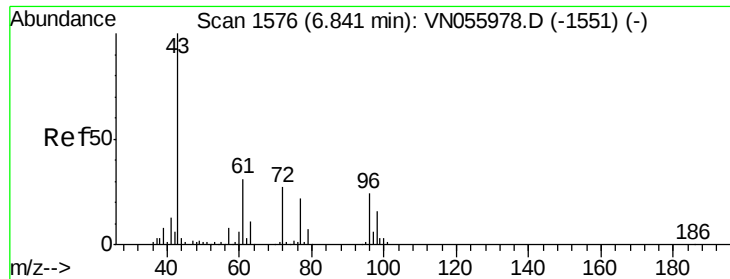
Tot Ion: 43 Resp: 744232
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.742 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion: 63 Resp: 108368
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.4 2.2 6.6

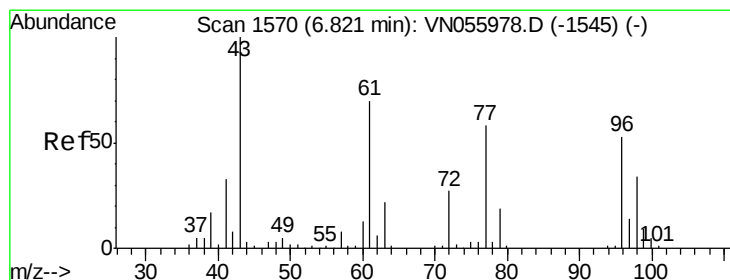
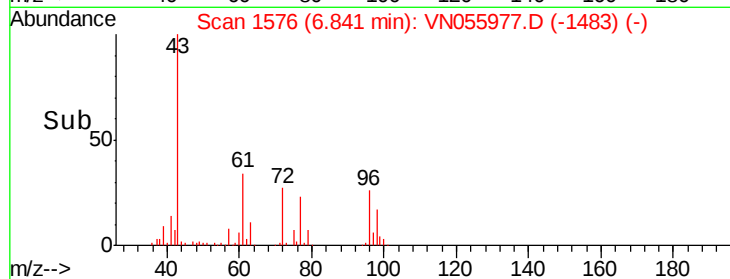
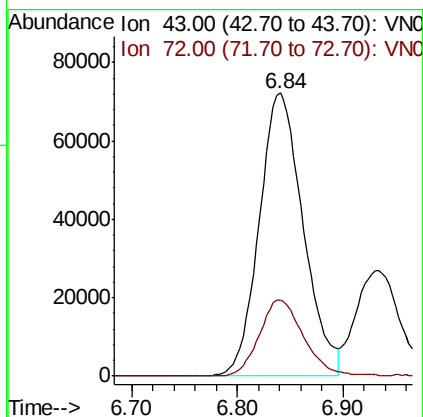
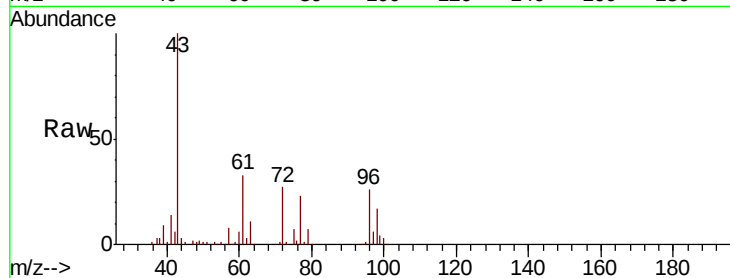




#25
2-Butanone
Concen: 105.592 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

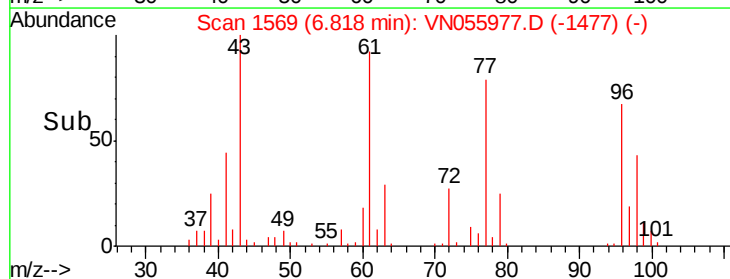
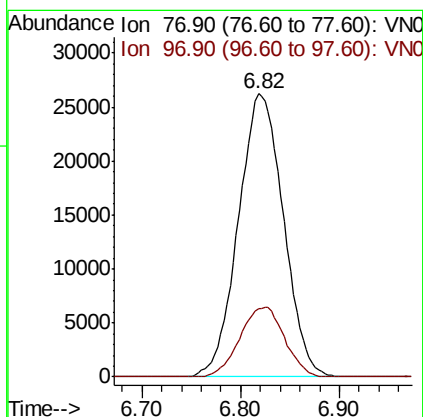
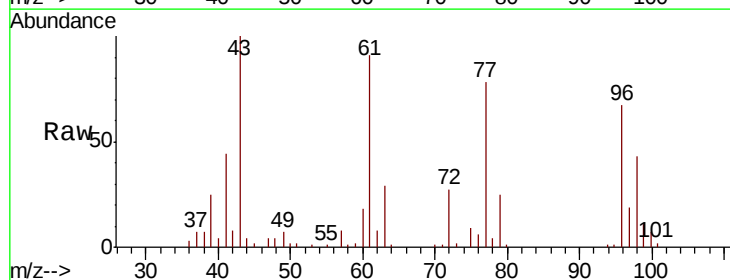
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 209409
Ion Ratio Lower Upper
43 100
72 26.8 21.9 32.9



#26
2,2-Dichloropropane
Concen: 20.313 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 77 Resp: 82812
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.652 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

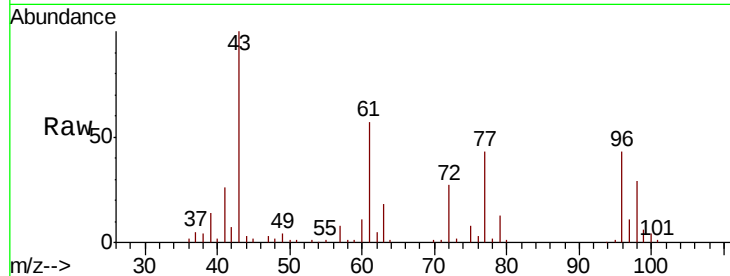
Tot Ion: 96 Resp: 72174

Ion Ratio Lower Upper

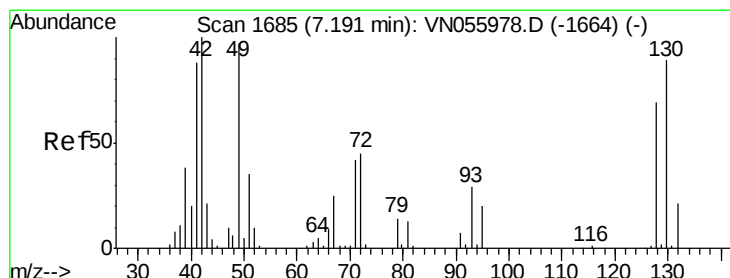
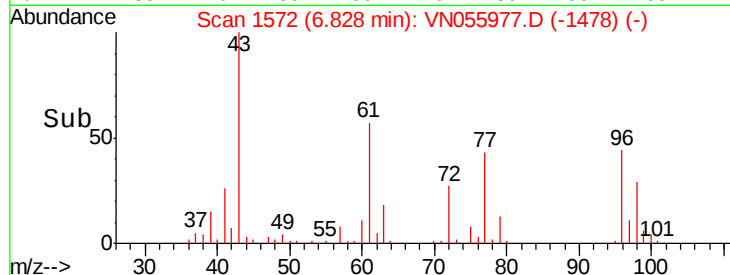
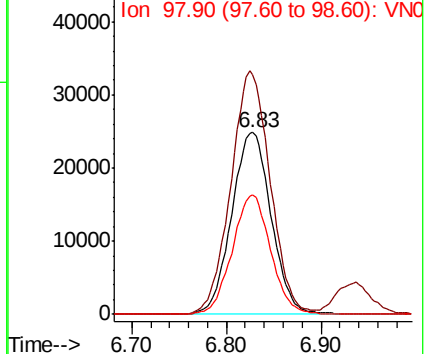
96 100

61 133.0 0.0 275.8

98 63.7 0.0 128.4



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



#28

Bromochloromethane

Concen: 21.113 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

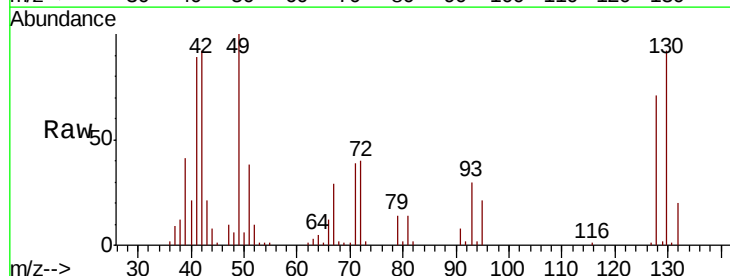
Tgt Ion: 49 Resp: 52164

Ion Ratio Lower Upper

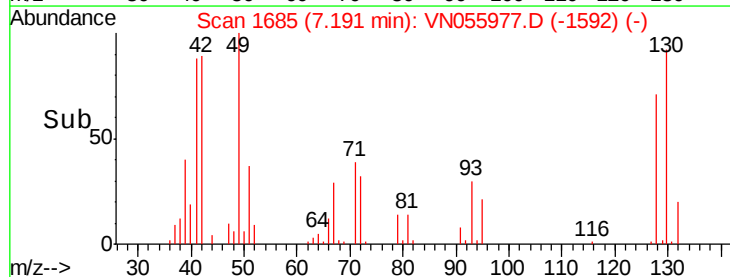
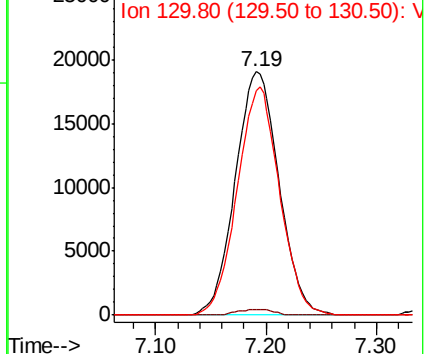
49 100

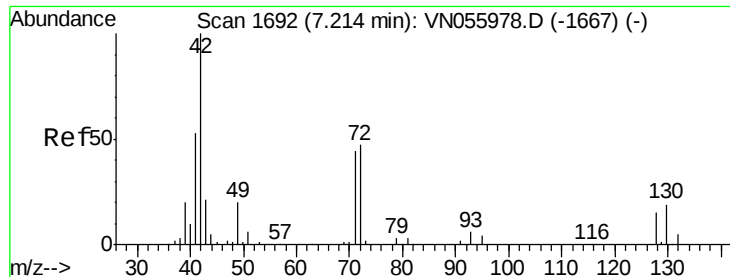
129 1.0 0.0 4.4

130 90.9 71.2 106.8



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





#29

Tetrahydrofuran

Concen: 103.007 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

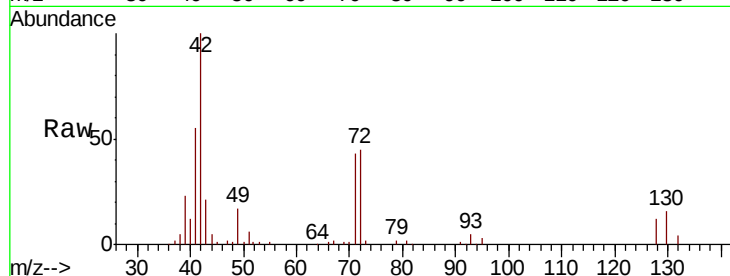
Tot Ion: 42 Resp: 126275

Ion Ratio Lower Upper

42 100

72 45.4 35.9 53.9

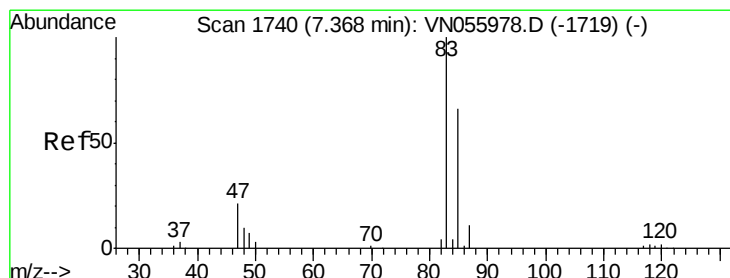
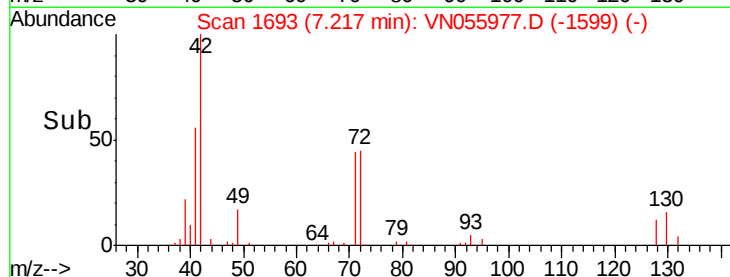
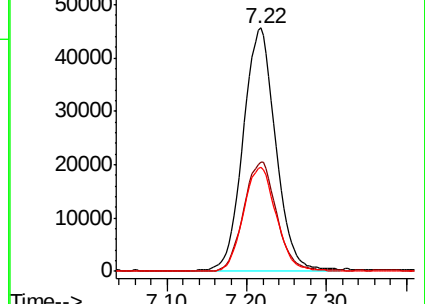
71 42.9 34.0 51.0



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: 20.634 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN055977.D

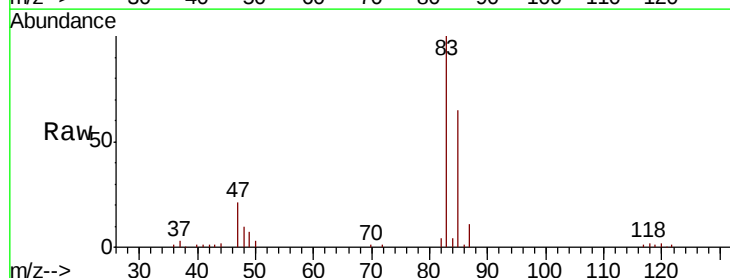
Acq: 4 Jun 2019 9:12

Tgt Ion: 83 Resp: 108446

Ion Ratio Lower Upper

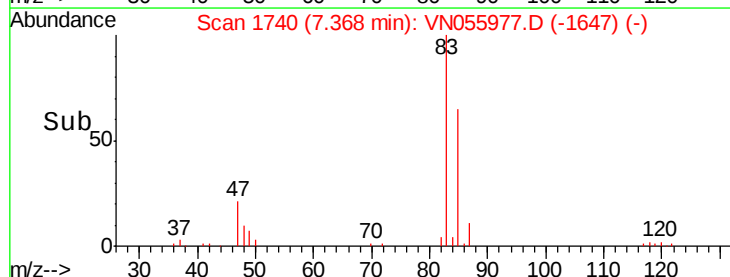
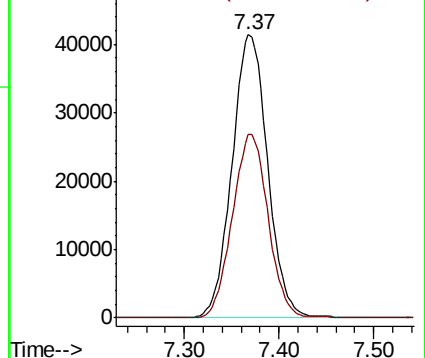
83 100

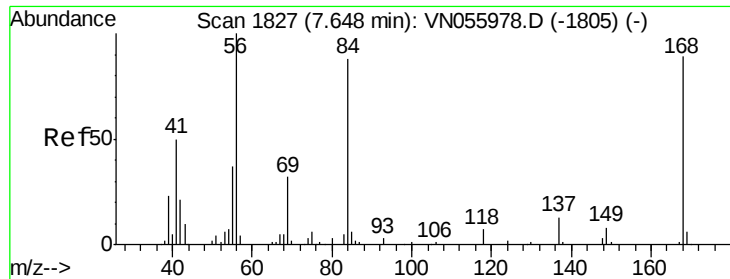
85 64.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

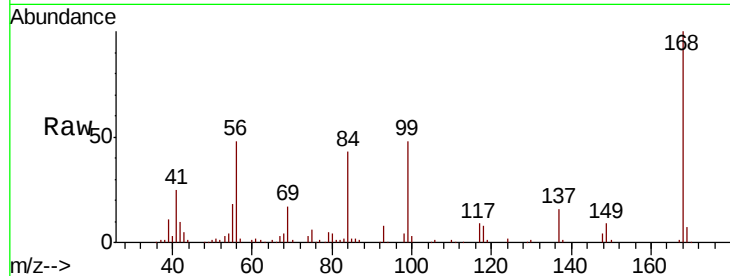




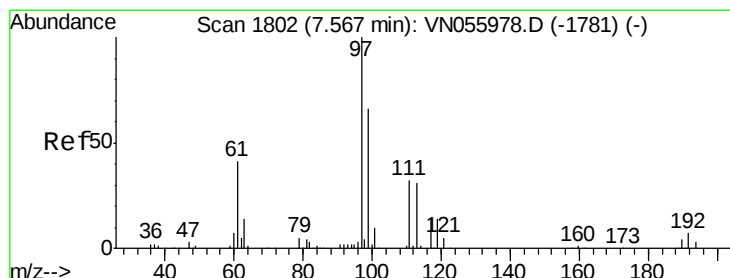
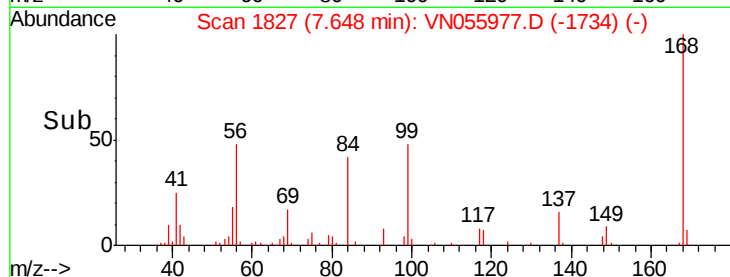
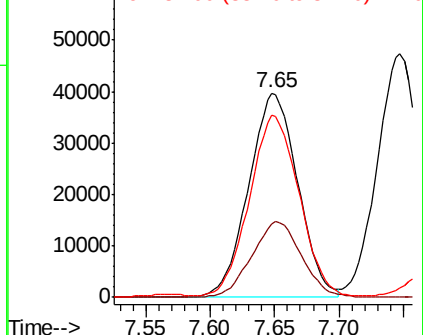
#31
Cyclohexane
Concen: 20.218 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 56 Resp: 105287
Ion Ratio Lower Upper
56 100
69 36.1 25.6 38.4
84 88.1 67.4 101.0

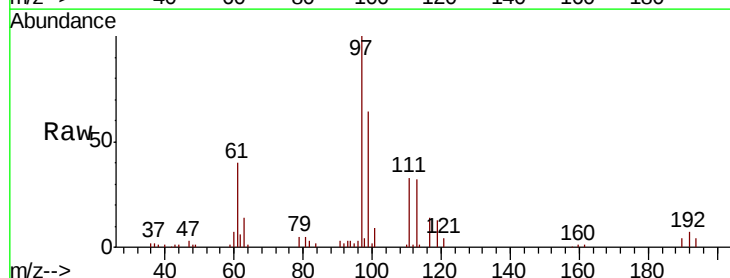


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

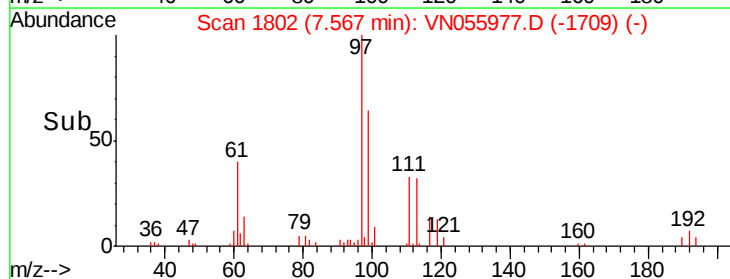
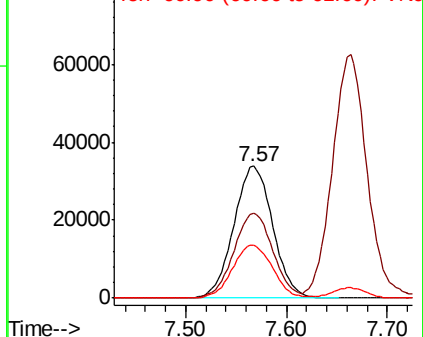


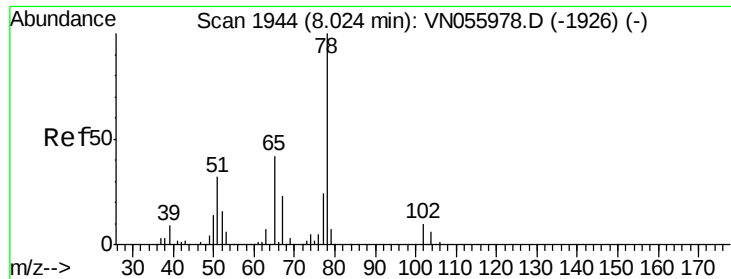
#32
1,1,1-Trichloroethane
Concen: 20.678 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 97 Resp: 90754
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 41.0 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

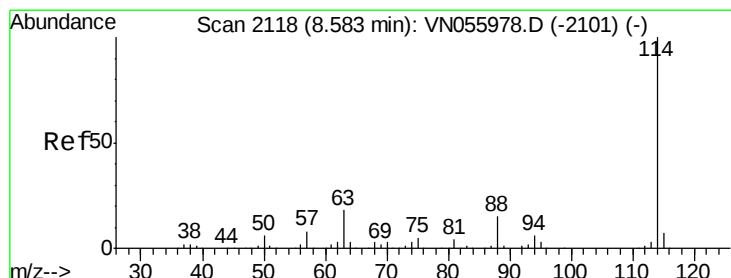
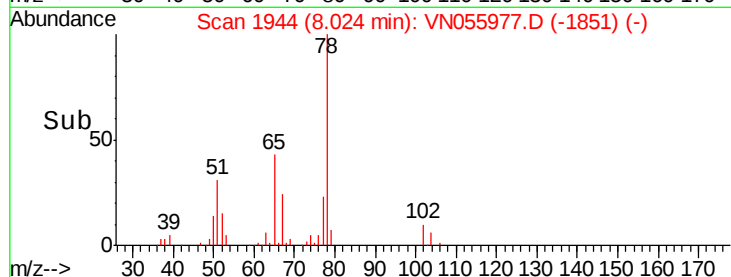
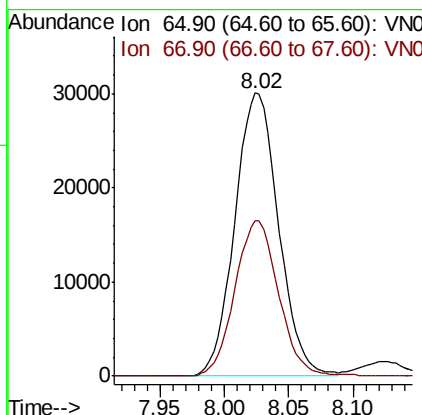
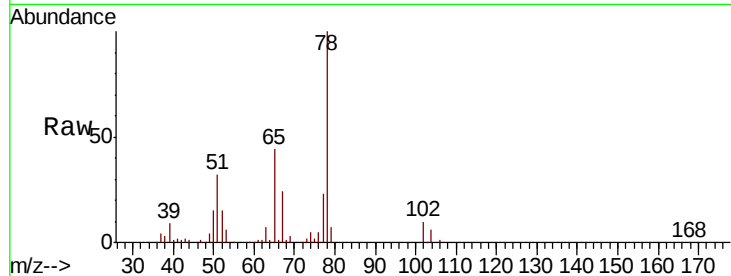




#33
 1,2-Dichloroethane-d4
 Concen: 21.631 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

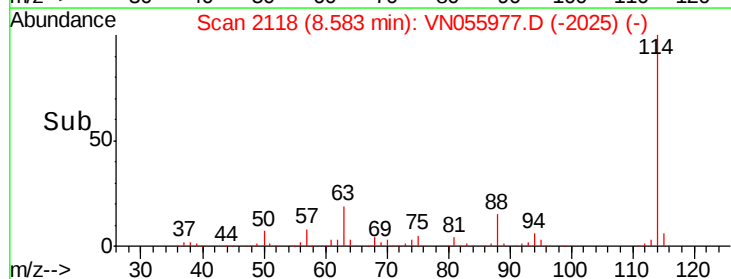
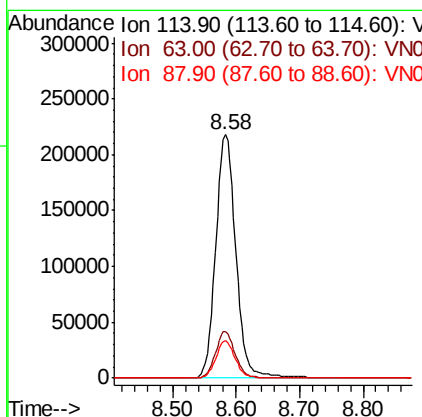
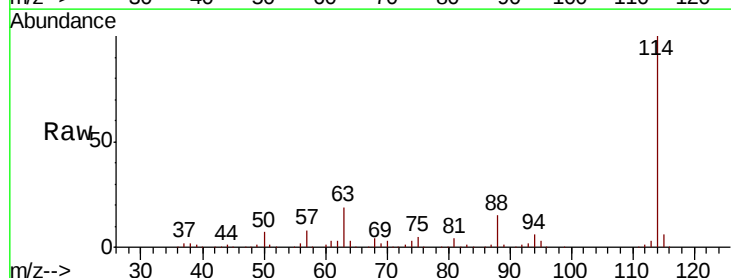
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

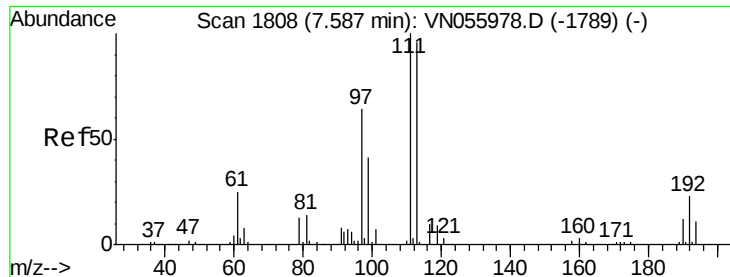
Tot Ion: 65 Resp: 70990
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion: 114 Resp: 478942
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.2 0.0 31.0

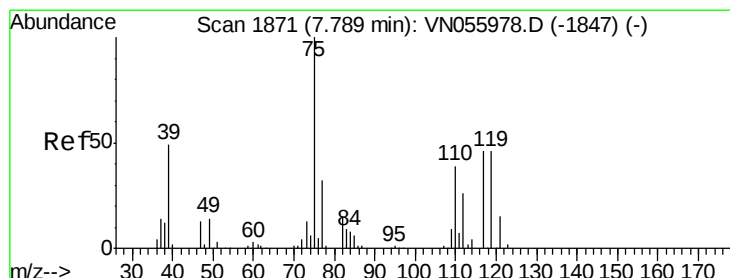
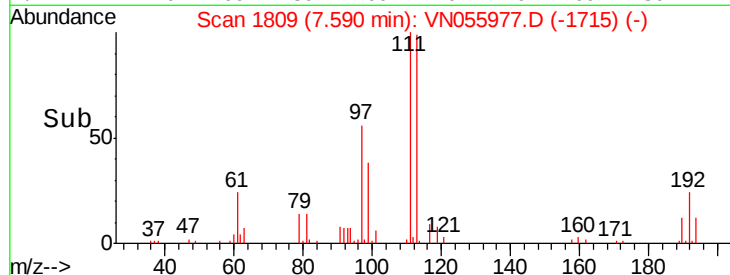
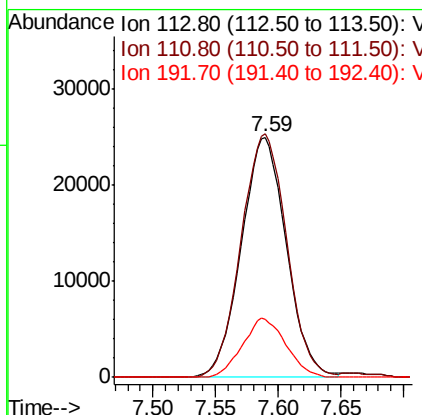
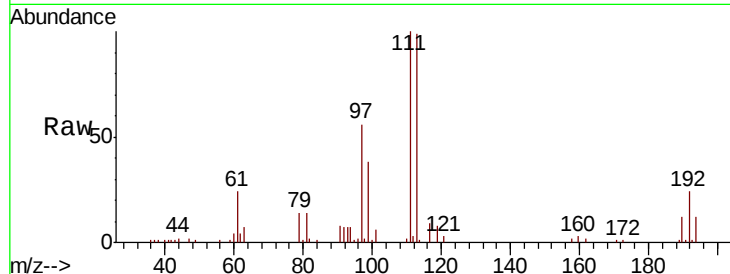




#35
 Dibromofluoromethane
 Concen: 21.210 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

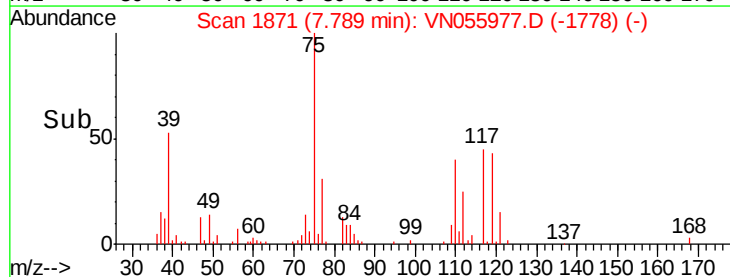
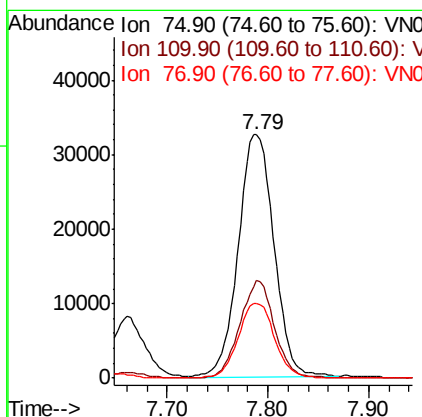
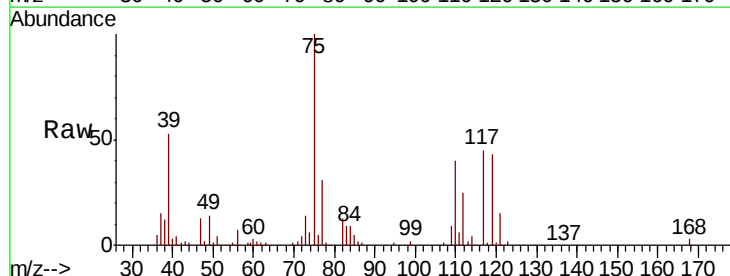
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

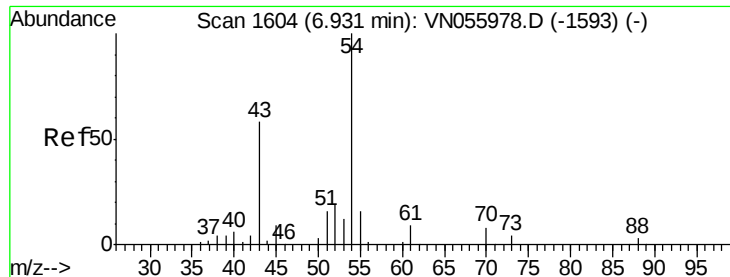
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	23.8	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 19.325 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.0	57.0
77	31.6	25.1	37.7

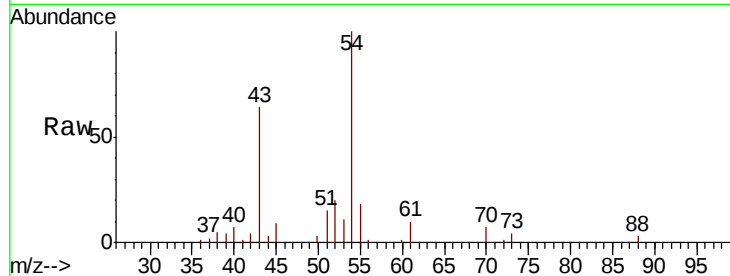




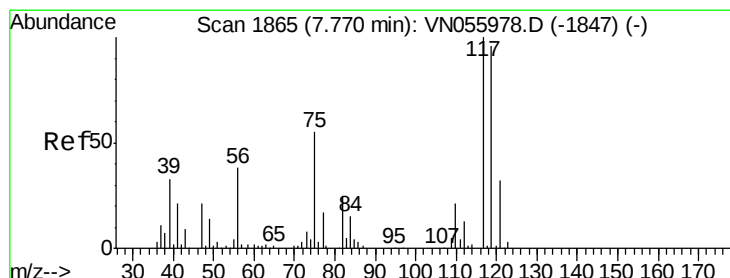
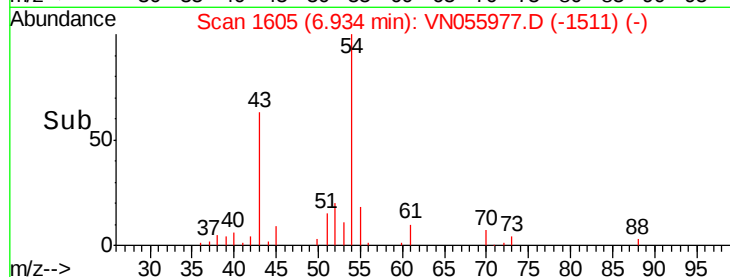
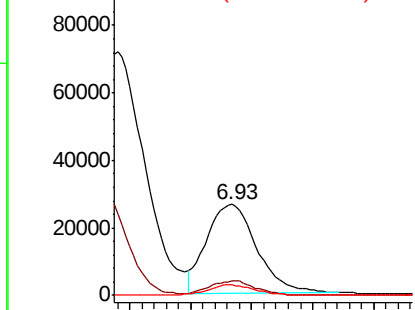
#37
Ethyl Acetate
Concen: 20.637 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleID :
VSTDIC020

Tot Ion: 43 Resp: 75620
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.2
70 11.1 8.9 13.3

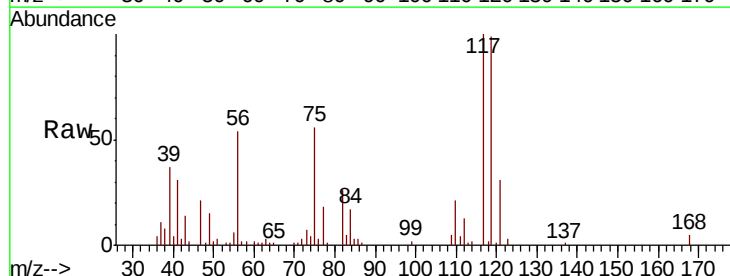


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

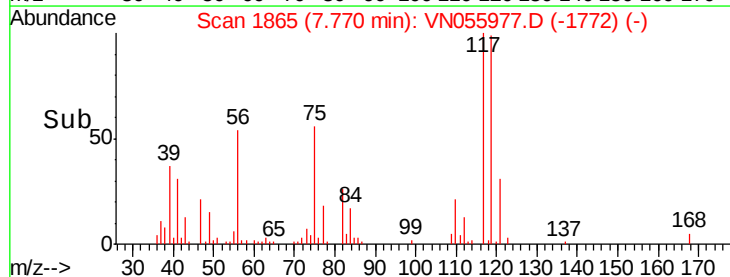
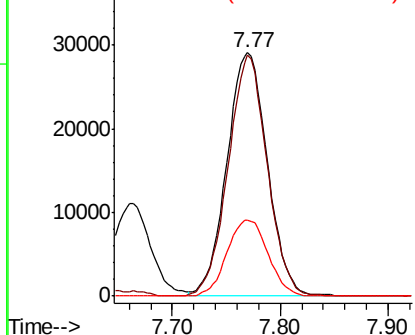


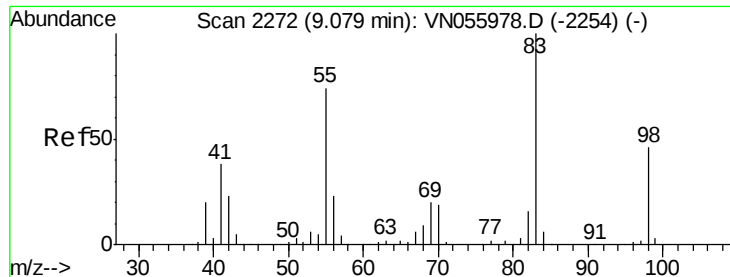
#38
Carbon Tetrachloride
Concen: 19.973 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 117 Resp: 75835
Ion Ratio Lower Upper
117 100
119 98.9 79.0 118.6
121 31.3 24.7 37.1



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

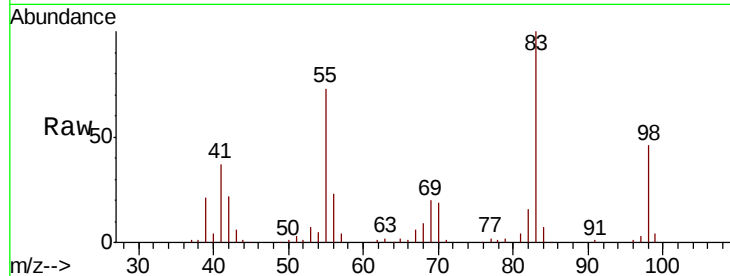




#39
Methvlcvclohexane
Concen: 19.993 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	83.00	Resp	102569
Ion	Ratio	Lower	Upper
83	100		
55	72.6	59.3	88.9
98	46.1	36.6	54.8

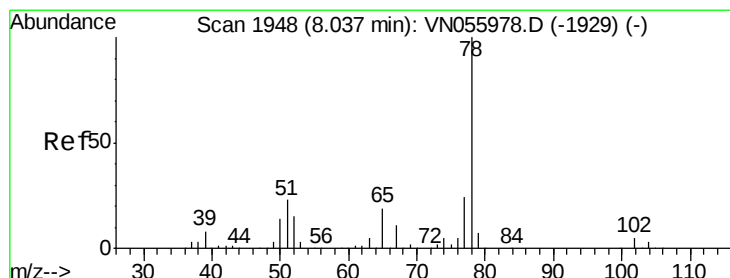
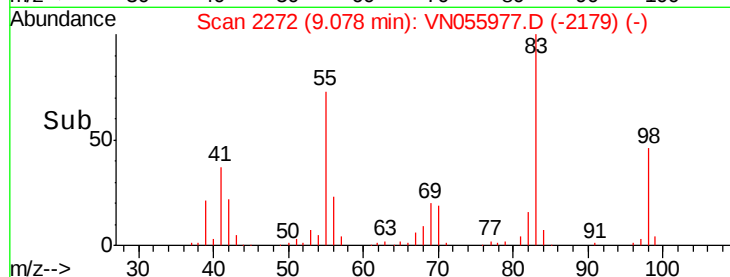
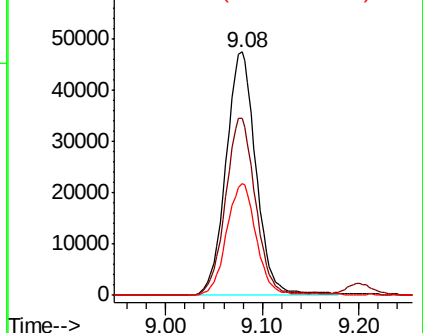


Abundance

Ion 83.00 (82.70 to 83.70): VN0

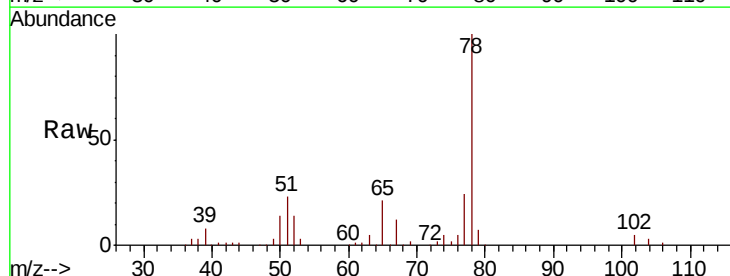
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 20.446 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

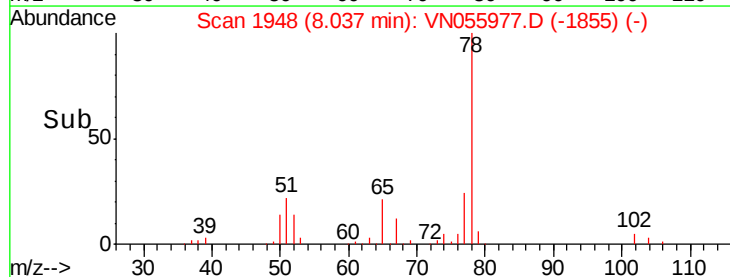
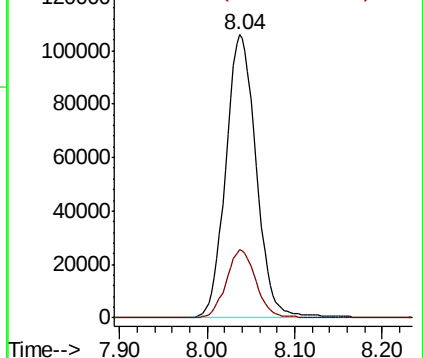
Tgt Ion	78	Resp	255739
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

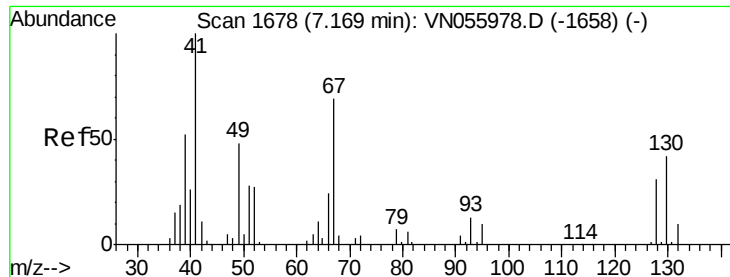


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

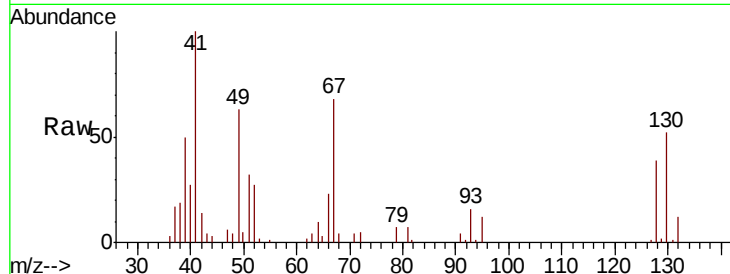




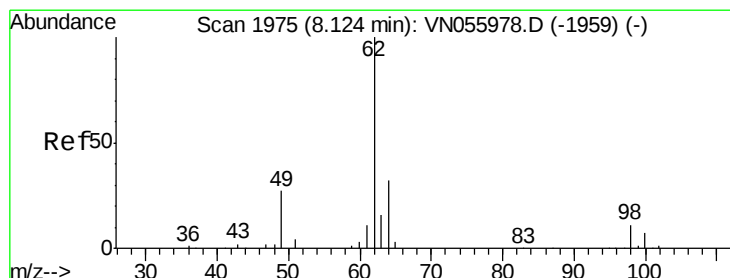
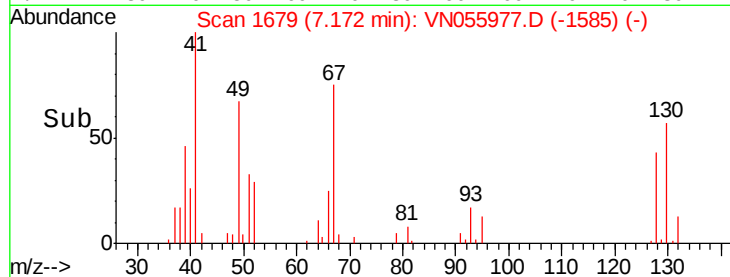
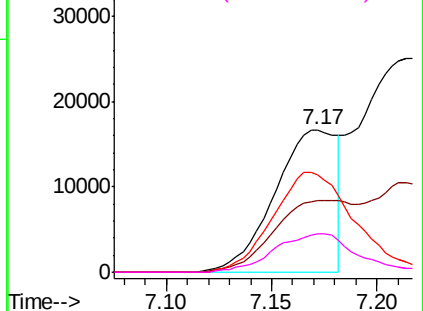
#41
Methacrylonitrile
Concen: 20.314 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 41 Resp: 34248
Ion Ratio Lower Upper
41 100
39 65.5 45.6 68.4
67 93.7 67.7 101.5
52 36.3 26.6 40.0

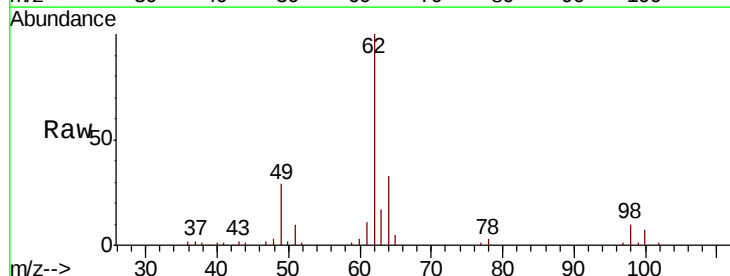


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

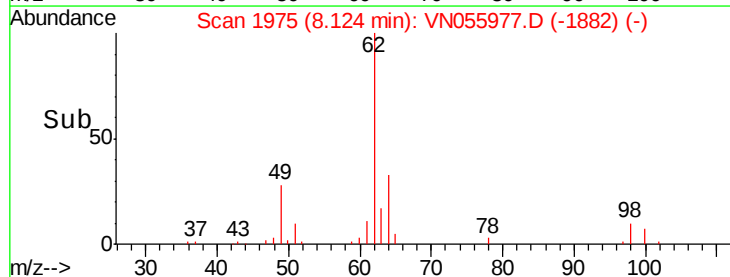
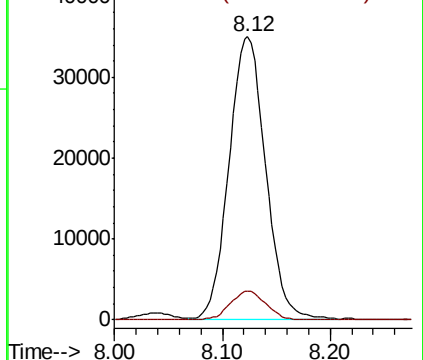


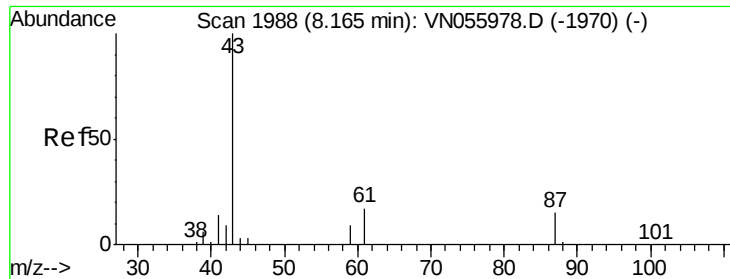
#42
1,2-Dichloroethane
Concen: 20.564 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 62 Resp: 82738
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2



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



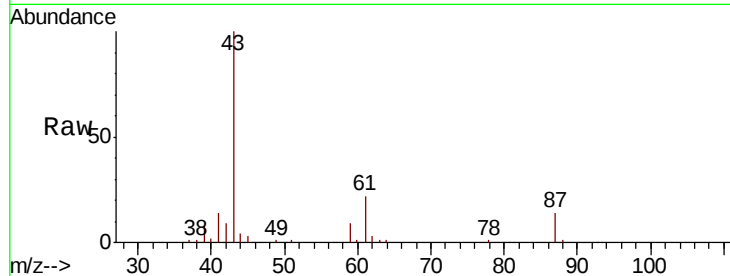


#43

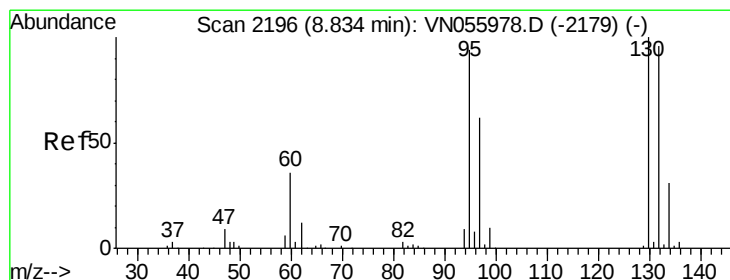
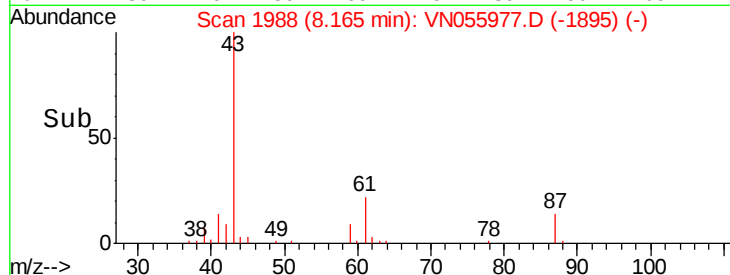
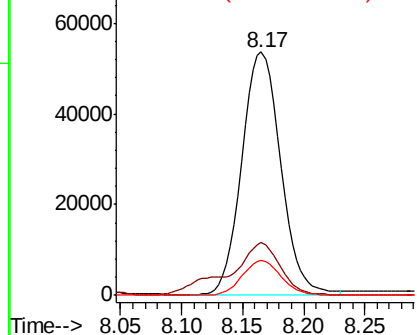
Isopropyl Acetate
 Concen: 20.037 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 43 Resp: 118976
 Ion Ratio Lower Upper
 43 100
 61 28.5 22.2 33.4
 87 14.2 11.4 17.2



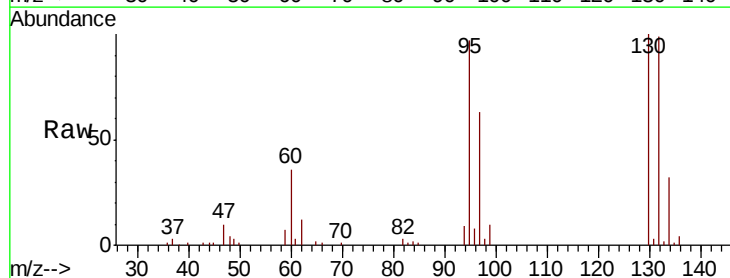
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



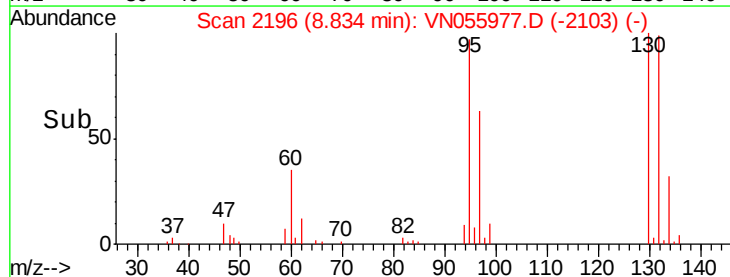
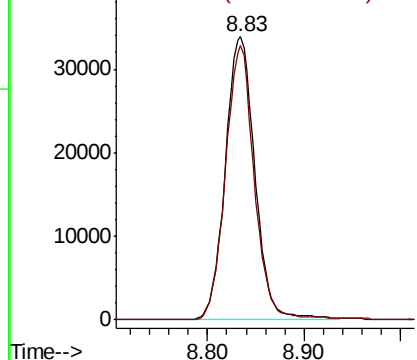
#44

Trichloroethene
 Concen: 20.119 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion: 130 Resp: 72310
 Ion Ratio Lower Upper
 130 100
 95 97.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.697 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

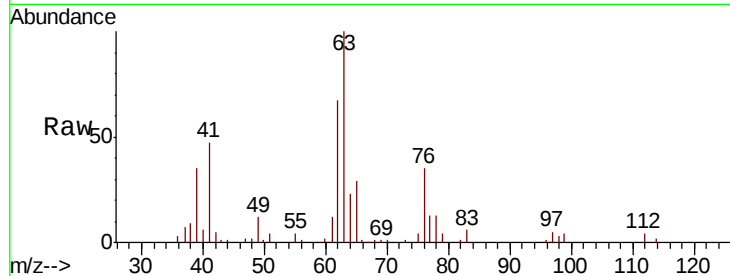
VSTDIC020

Tot Ion: 63 Resp: 66310

Ion Ratio Lower Upper

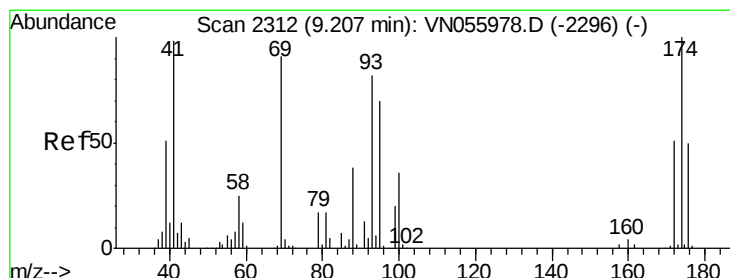
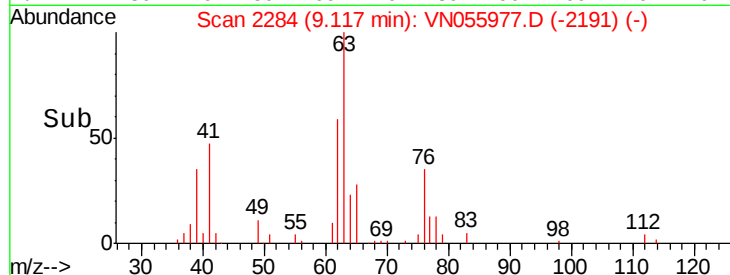
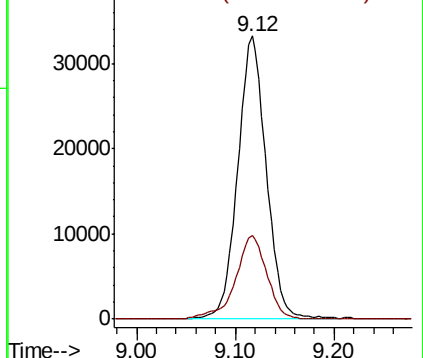
63 100

65 29.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.262 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

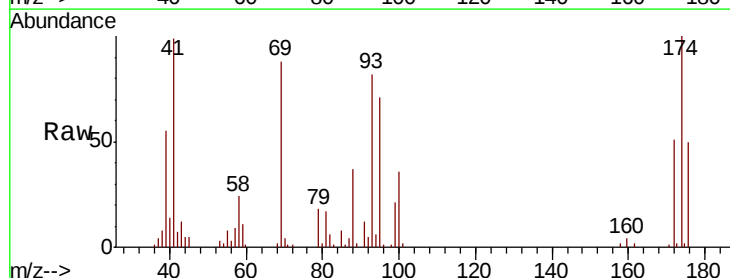
Tgt Ion: 93 Resp: 42450

Ion Ratio Lower Upper

93 100

95 85.6 66.7 100.1

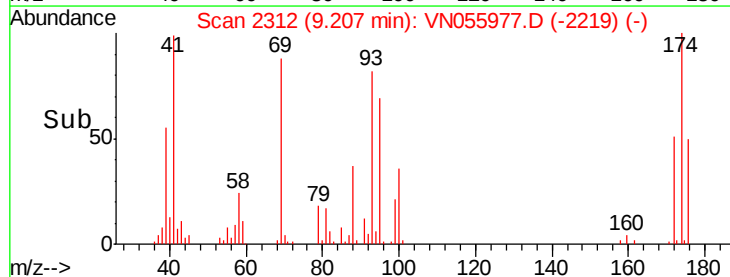
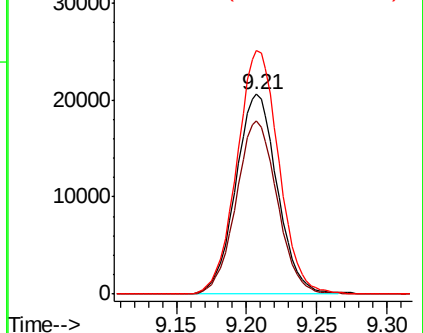
174 123.0 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.036 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

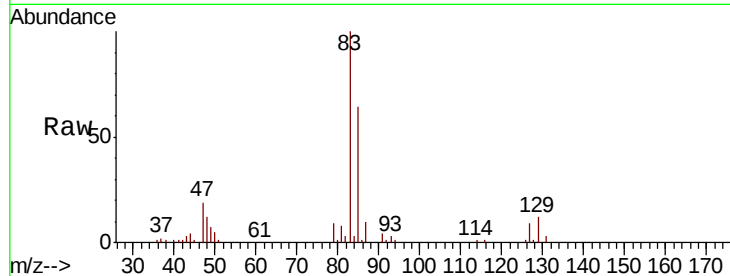
Tot Ion: 83 Resp: 76080

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.2

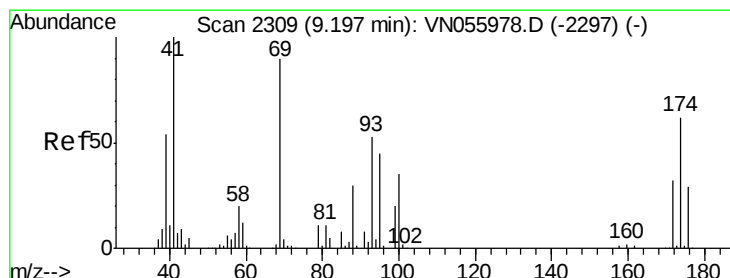
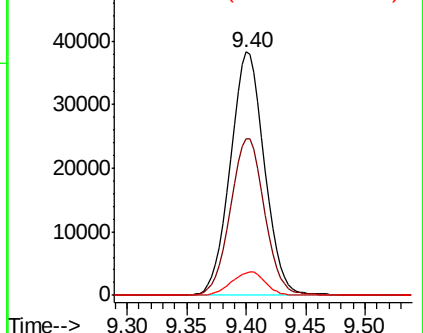
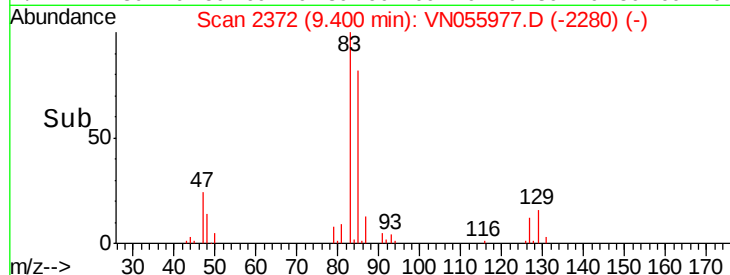
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055977.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055977.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055977.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.220 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

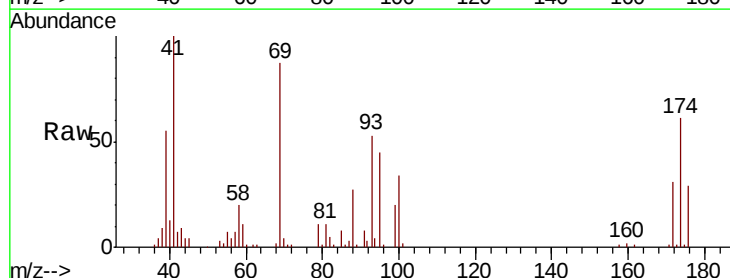
Tgt Ion: 41 Resp: 58738

Ion Ratio Lower Upper

41 100

69 90.8 71.0 106.6

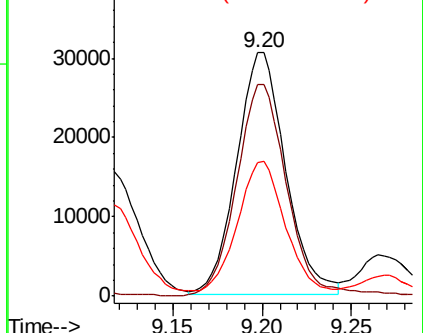
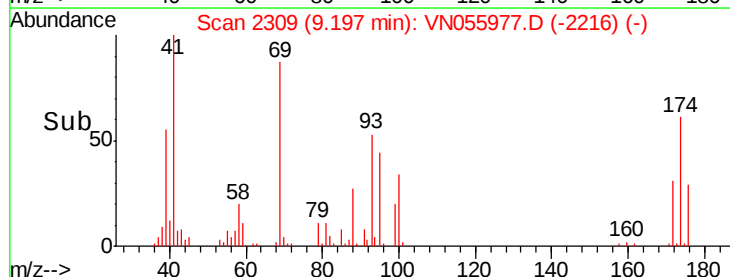
39 56.2 44.2 66.2

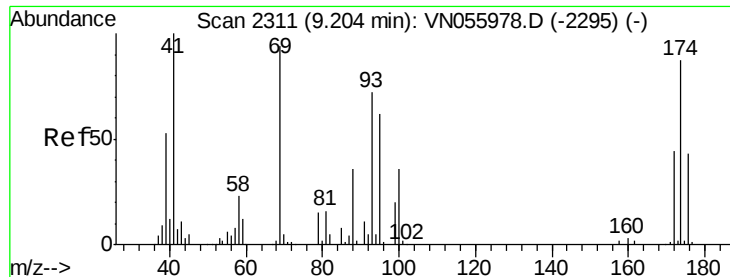


Abundance Ion 41.00 (40.70 to 41.70): VN055977.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN055977.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055977.D (-2216) (-)

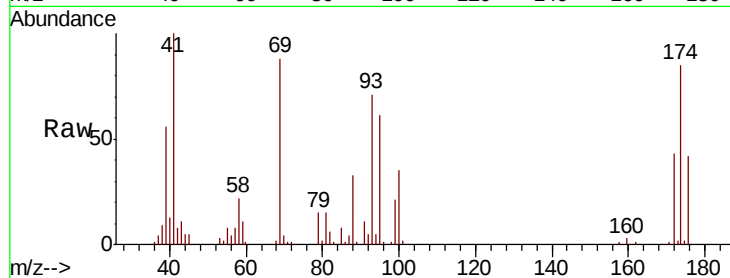




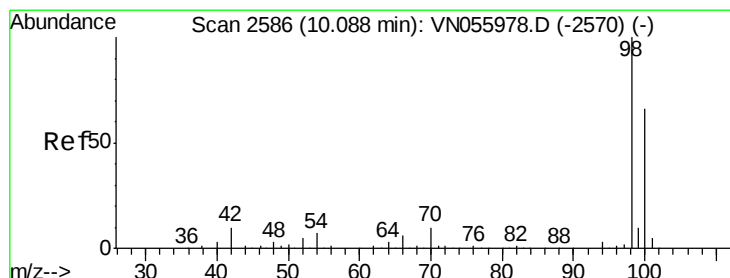
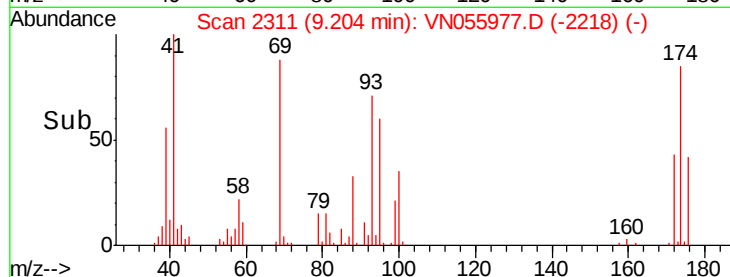
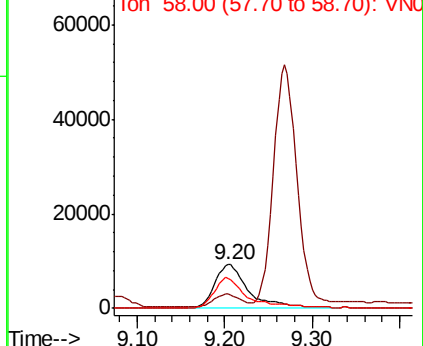
#49
1,4-Dioxane
Concen: 405.955 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 25459
Ion Ratio Lower Upper
88 100
43 23.6 20.5 30.7
58 68.7 55.8 83.6

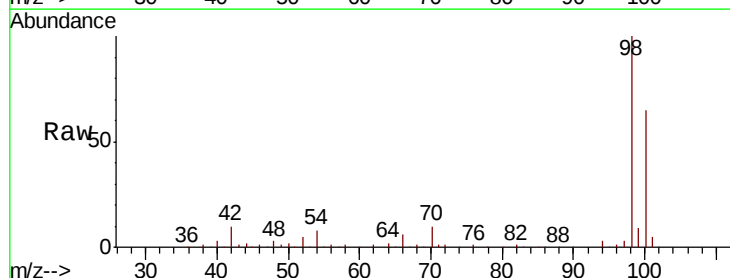


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

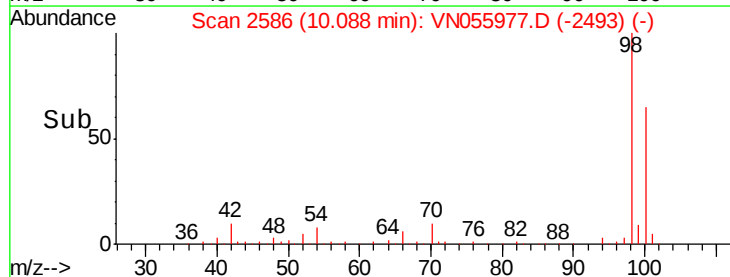
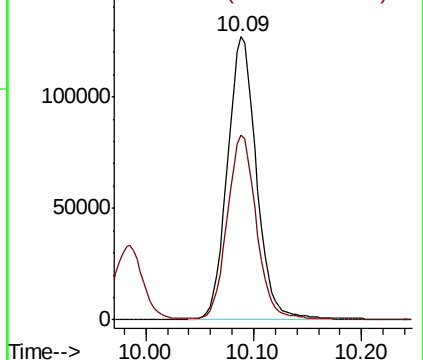


#50
Toluene-d8
Concen: 21.176 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 98 Resp: 239439
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



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: 100.062 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampled :

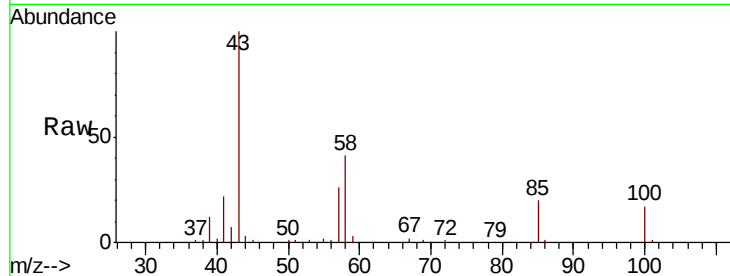
VSTDIC020

Tot Ion: 43 Resp: 371547

Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

200000

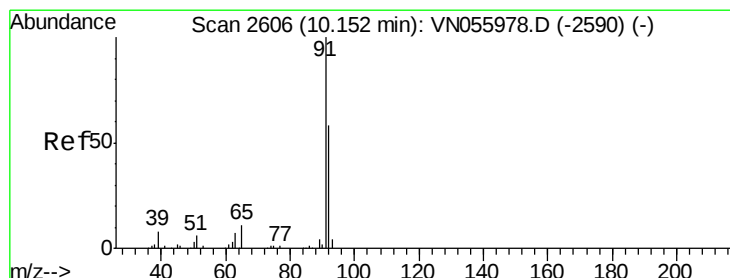
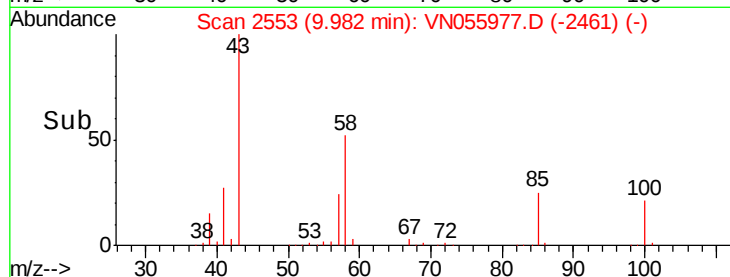
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.614 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055977.D

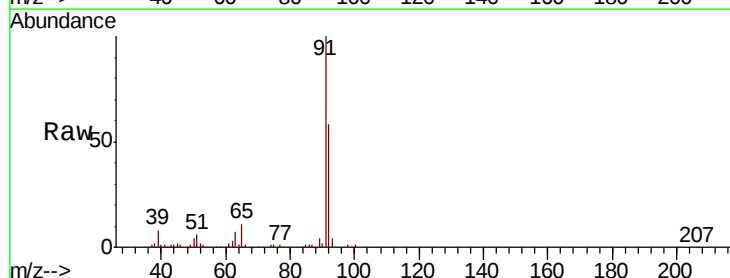
Acq: 4 Jun 2019 9:12

Tgt Ion: 92 Resp: 160441

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

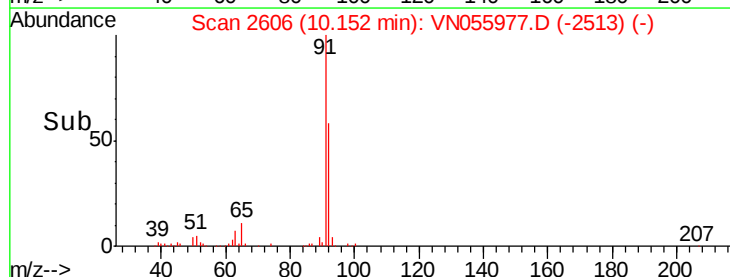
150000

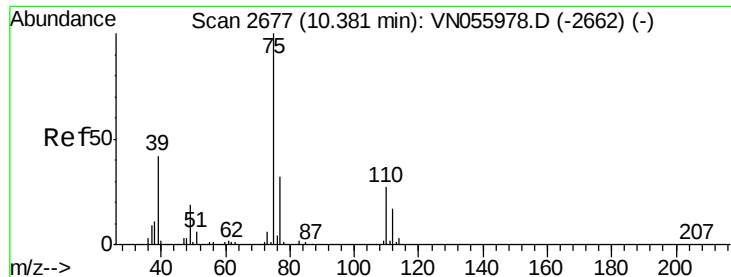
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.228 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

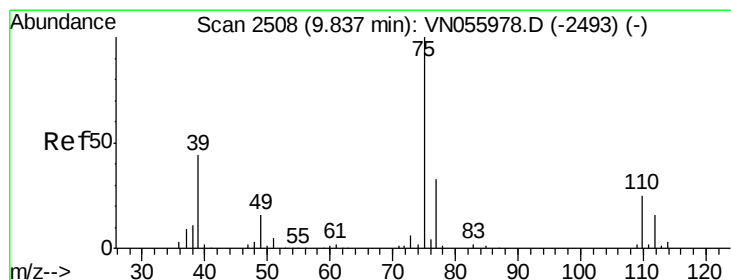
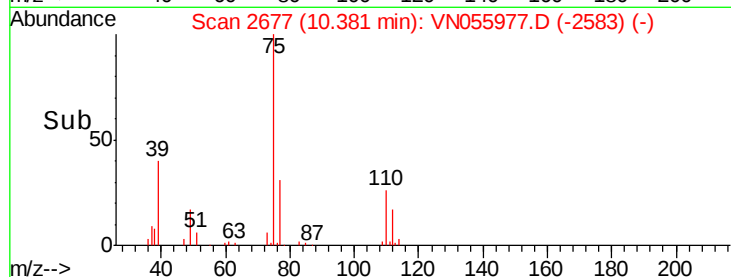
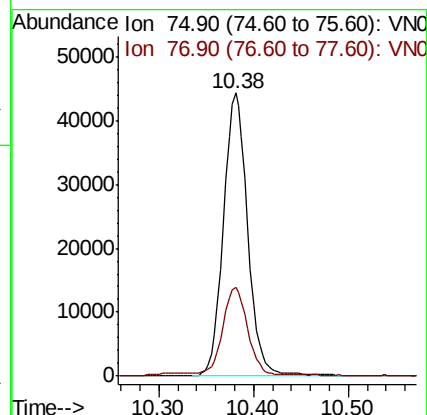
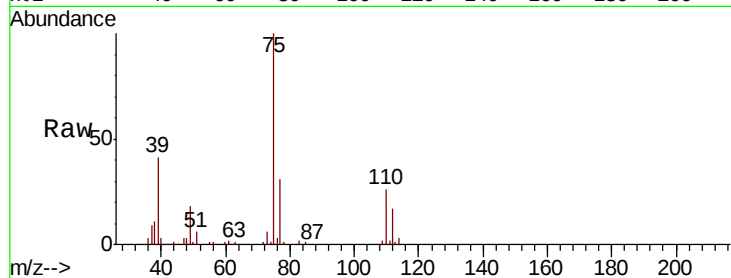
VSTDIC020

Tot Ion: 75 Resp: 78697

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.570 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

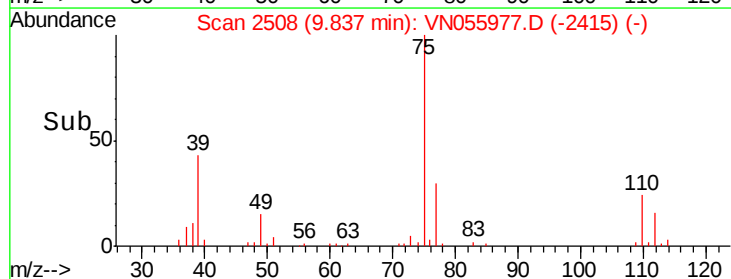
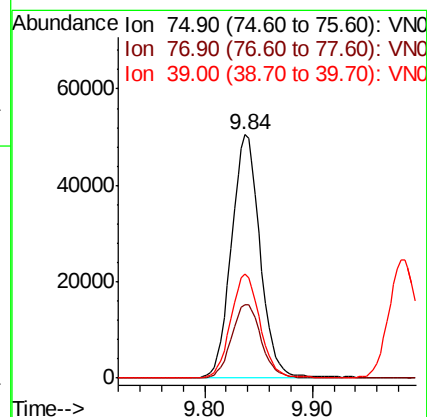
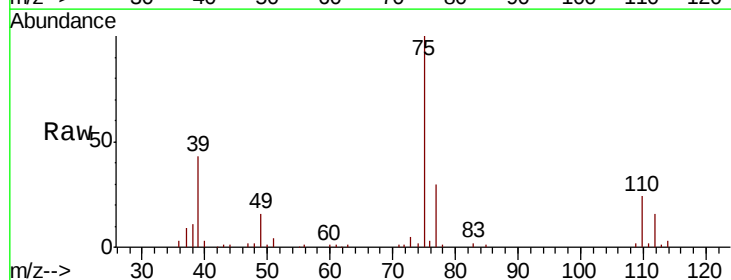
Tgt Ion: 75 Resp: 93885

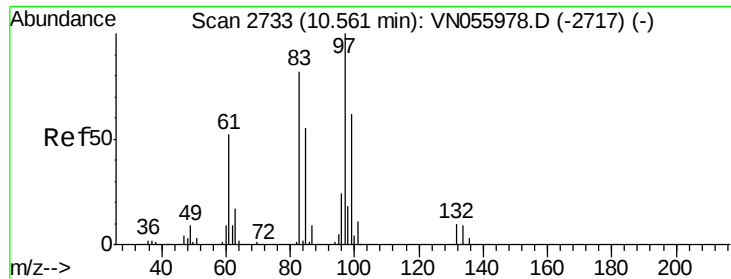
Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.0

39 42.6 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 20.565 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tot Ion: 97 Resp: 63404

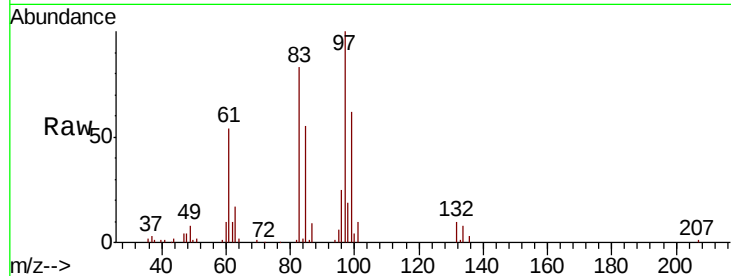
Ion Ratio Lower Upper

97 100

83 83.1 67.0 100.6

85 55.2 44.0 66.0

99 62.4 50.6 75.8

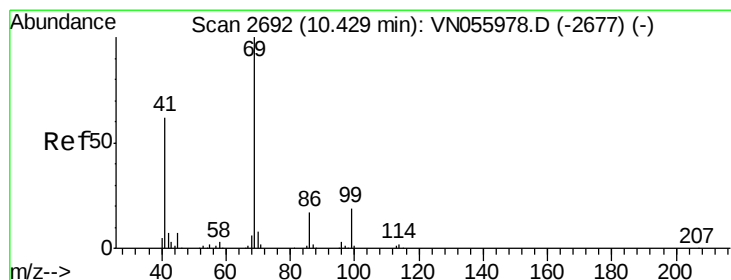
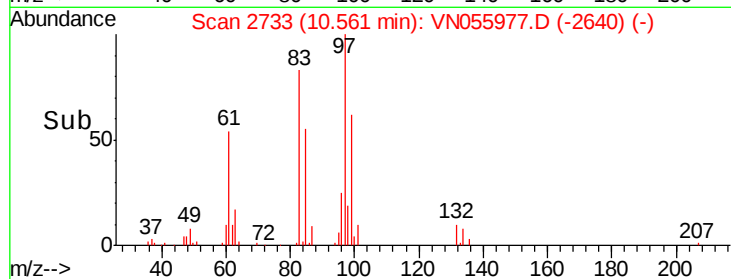
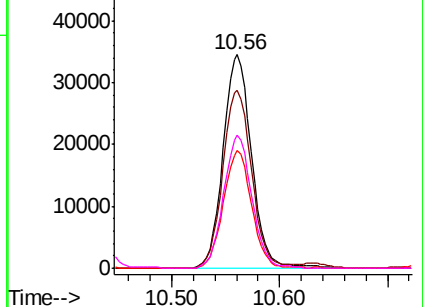


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.703 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

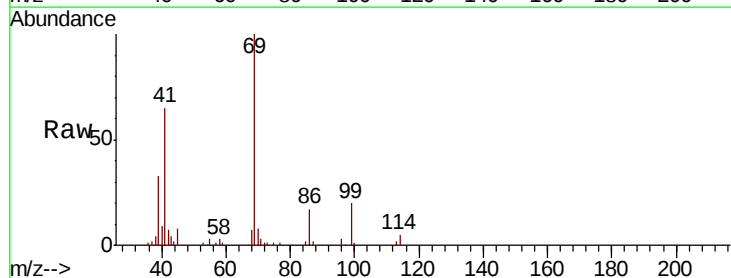
Tgt Ion: 69 Resp: 88620

Ion Ratio Lower Upper

69 100

41 63.5 49.7 74.5

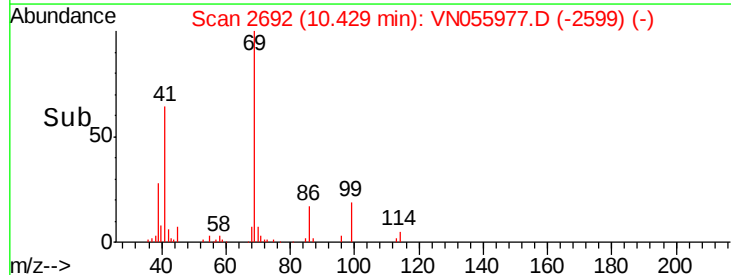
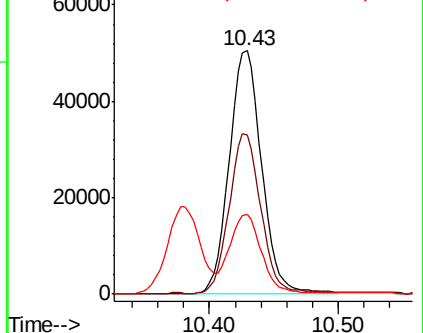
39 32.5 24.7 37.1

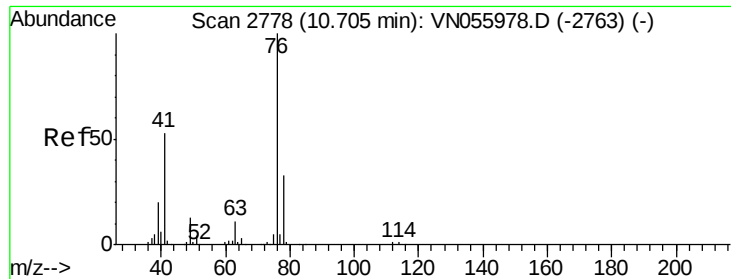


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

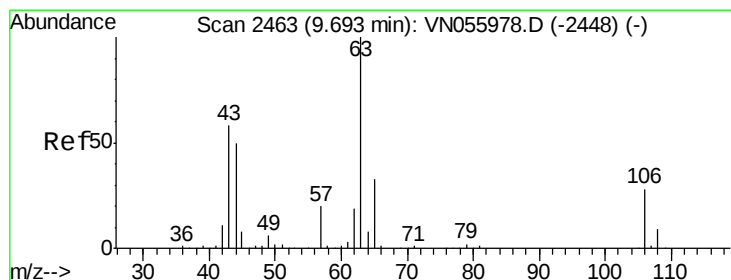
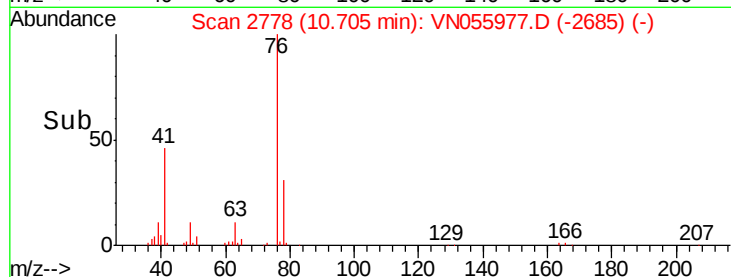
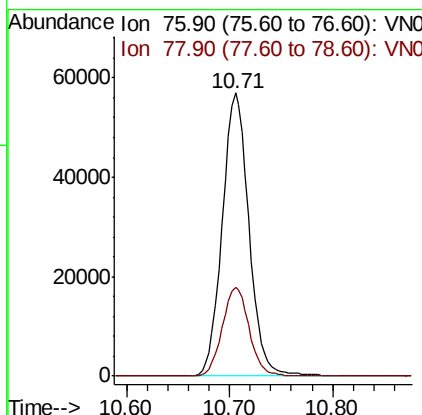
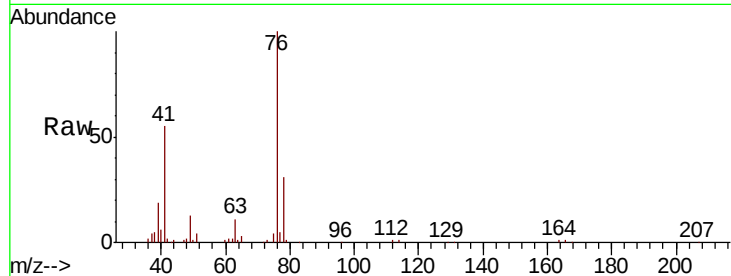




#57
 1,3-Dichloropropane
 Concen: 20.523 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

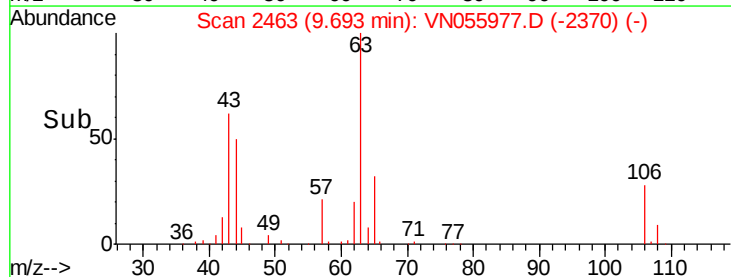
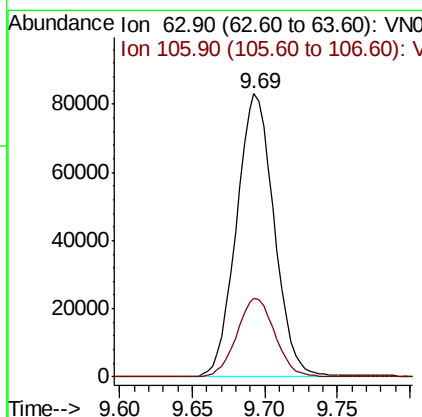
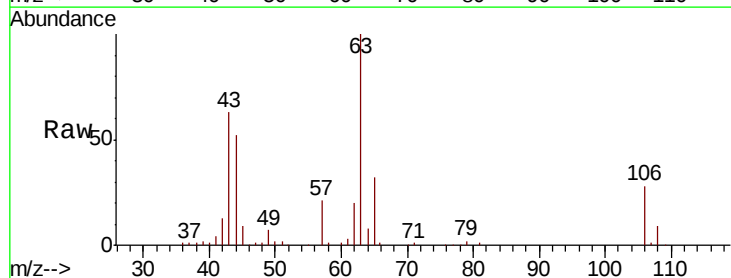
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

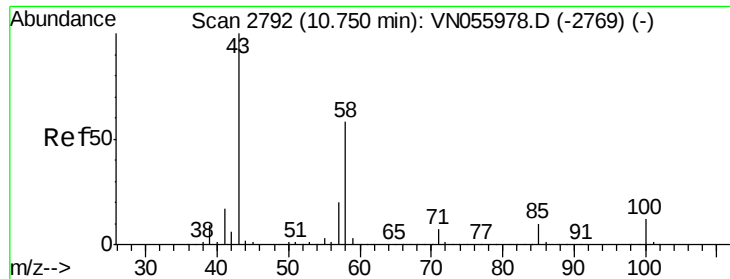
Tot Ion: 76 Resp: 102858
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.074 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion: 63 Resp: 150174
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.7 34.1

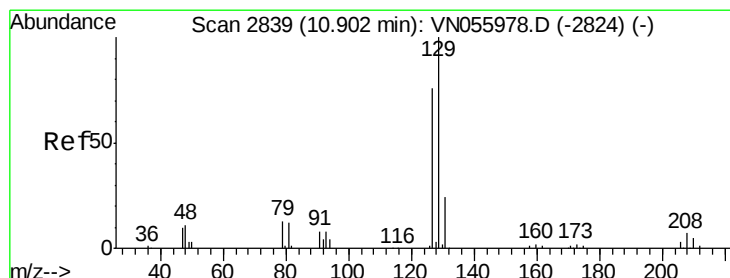
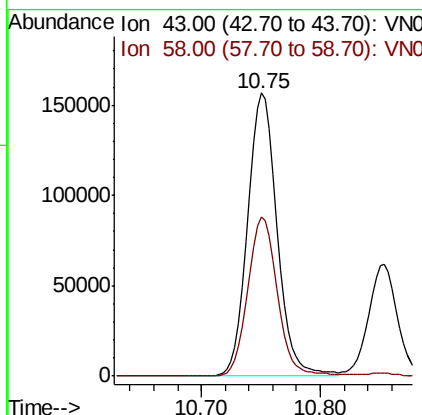
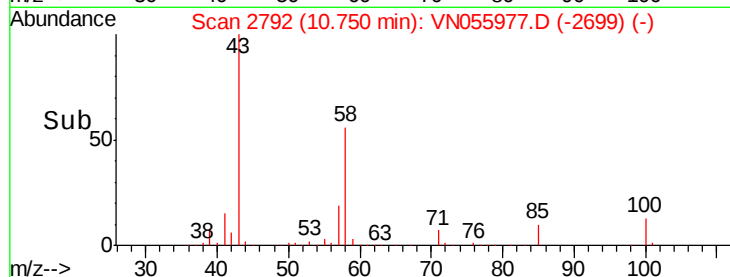
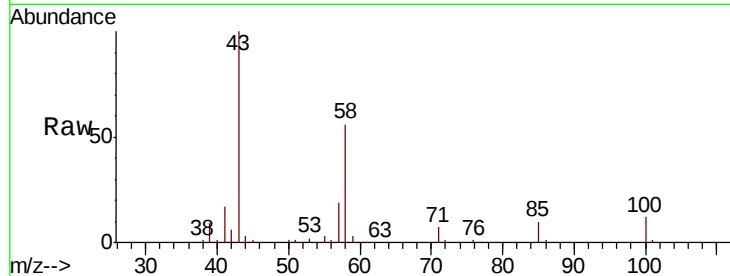




#59
2-Hexanone
Concen: 100.295 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

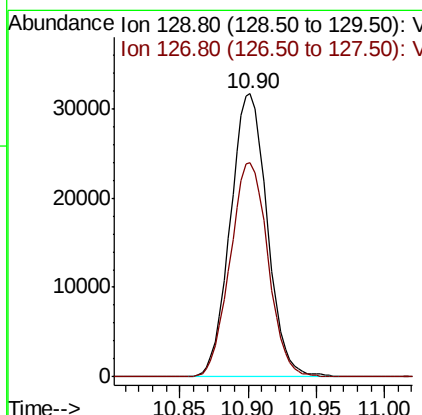
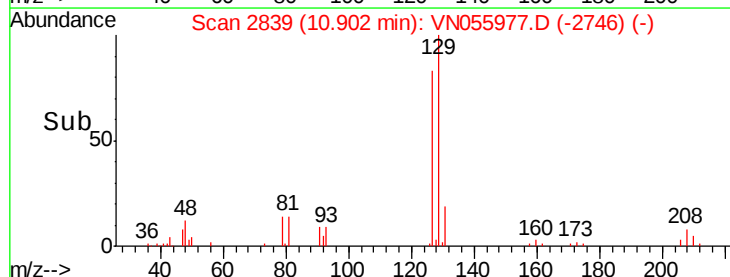
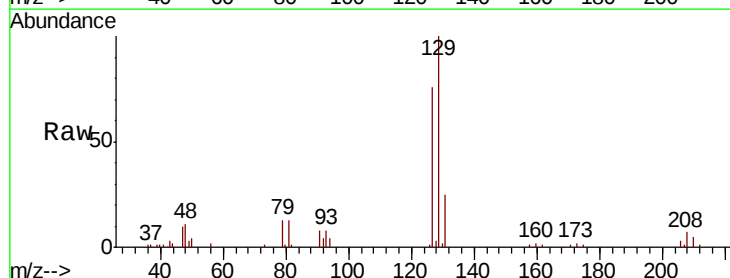
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

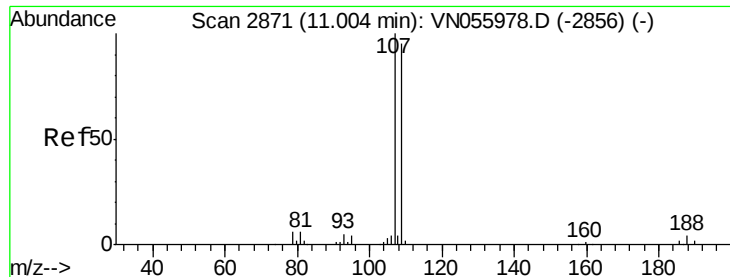
Tot Ion: 43 Resp: 269918
Ion Ratio Lower Upper
43 100
58 56.6 28.2 84.7



#60
Dibromochloromethane
Concen: 19.048 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 129 Resp: 59341
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3

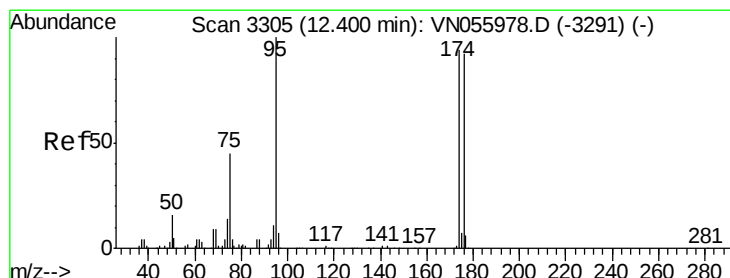
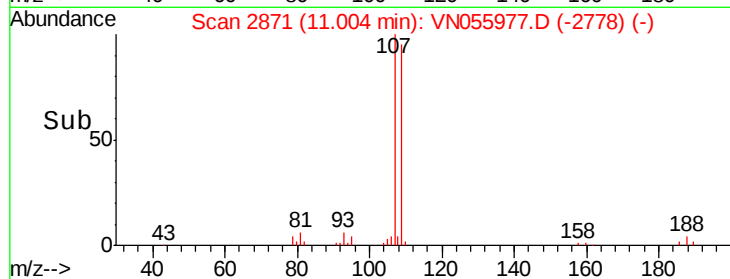
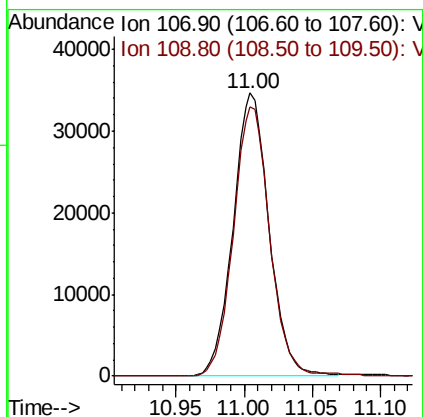
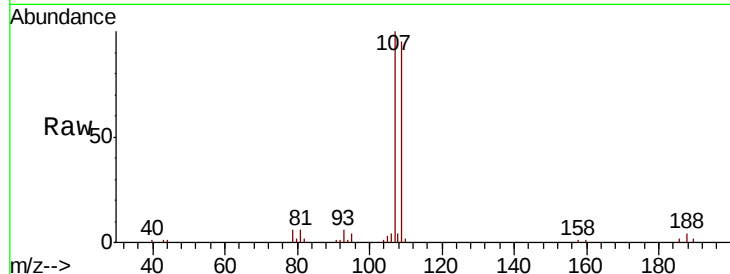




#61
 1,2-Dibromoethane
 Concen: 20.144 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

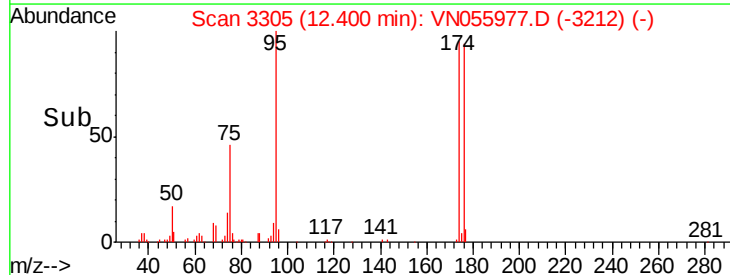
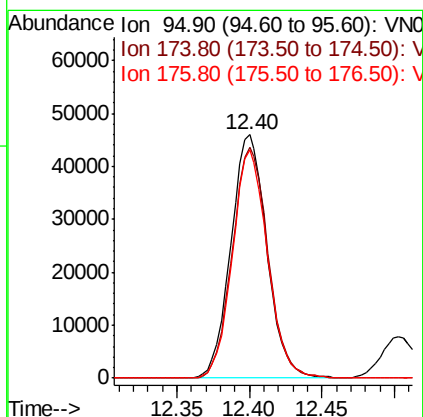
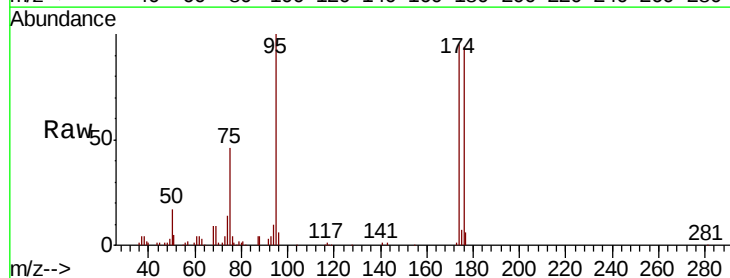
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

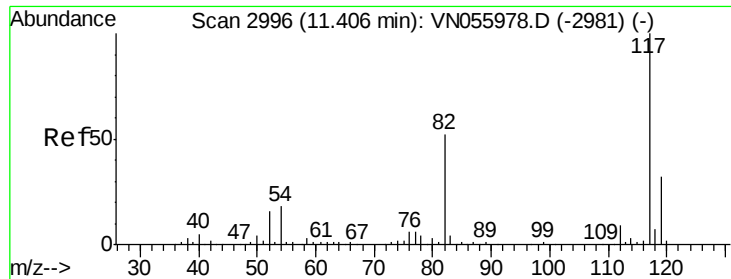
Tot Ion:107 Resp: 63491
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 20.524 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion: 95 Resp: 78923
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 191.0
 176 91.6 0.0 185.2

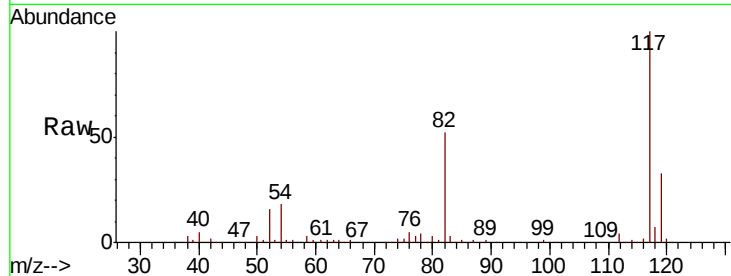




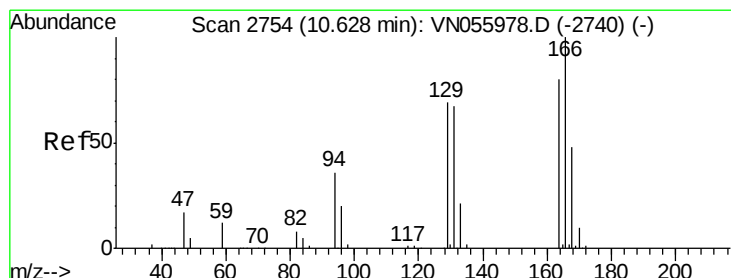
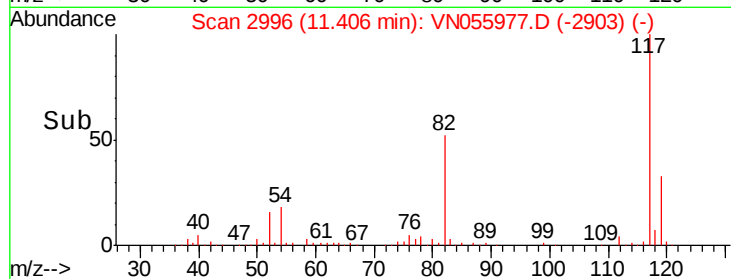
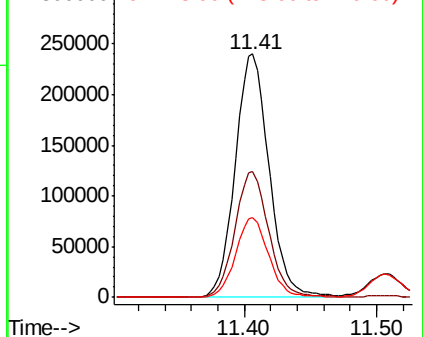
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 425765
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.8 25.4 38.0

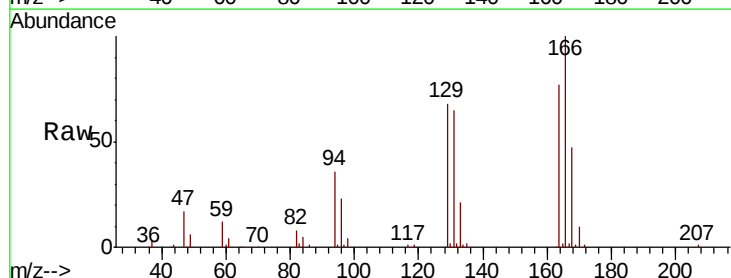


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

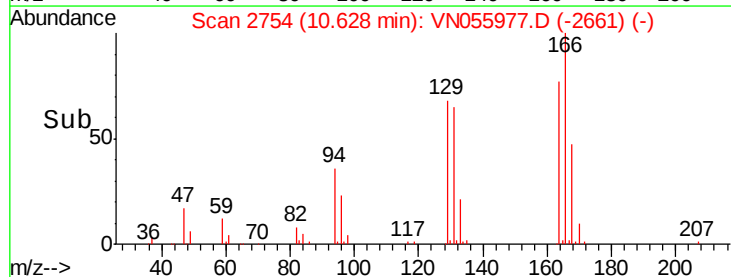
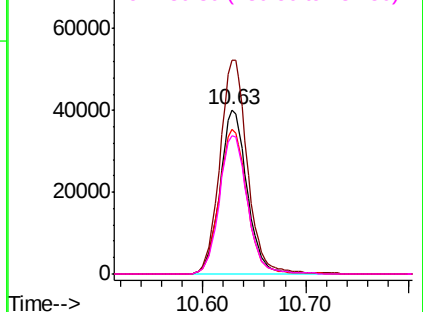


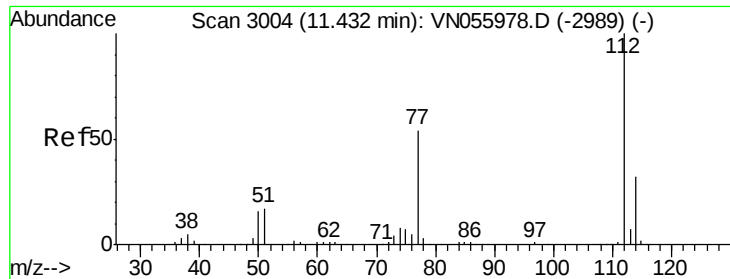
#64
Tetrachloroethene
Concen: 20.016 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion:164 Resp: 73768
Ion Ratio Lower Upper
164 100
166 130.0 103.0 154.6
129 88.1 70.6 105.8
131 84.2 68.6 102.8



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

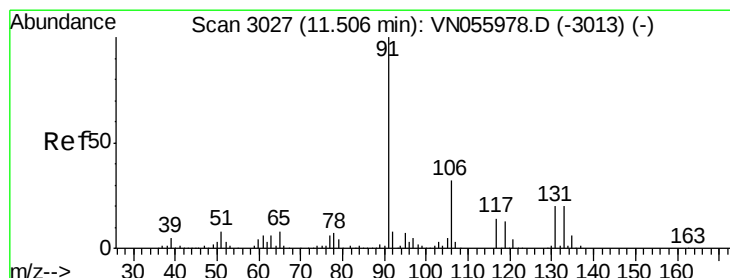
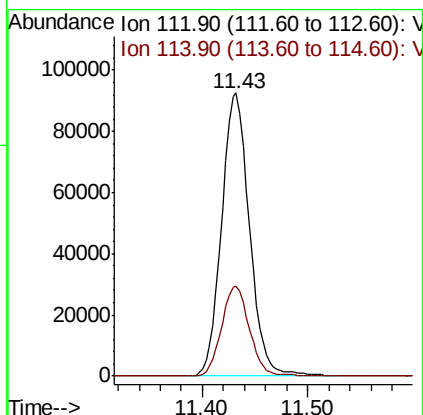
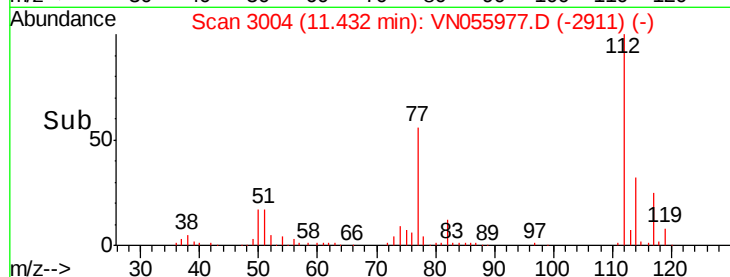
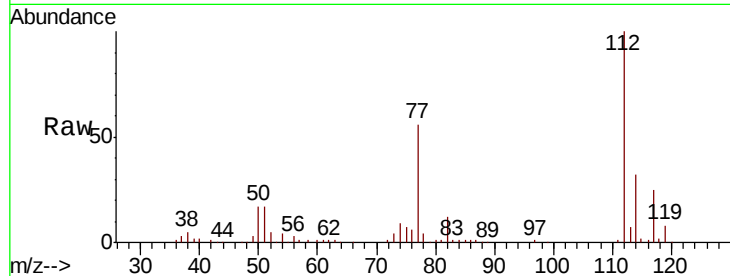




#65
Chlorobenzene
Concen: 19.991 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

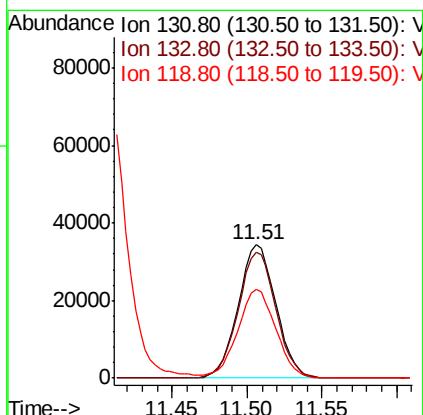
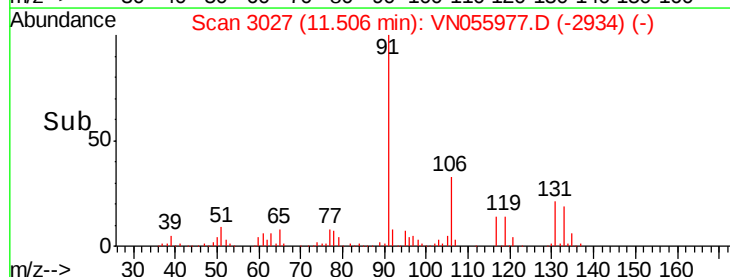
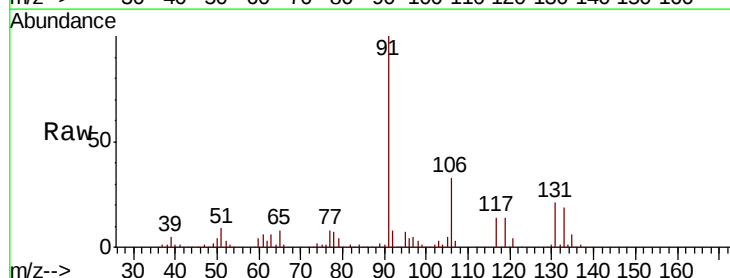
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

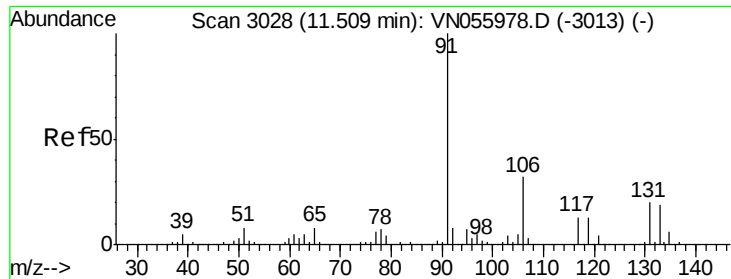
Tot Ion:112 Resp: 169393
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.562 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion:131 Resp: 60162
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 67.6 33.1 99.5

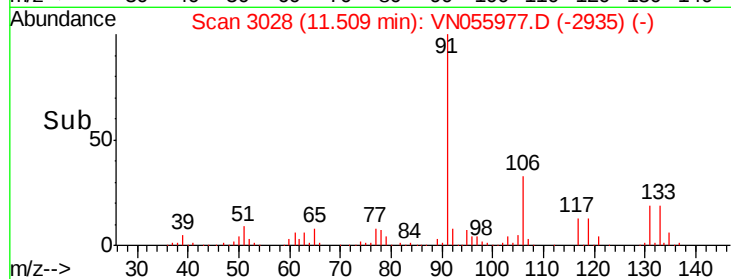
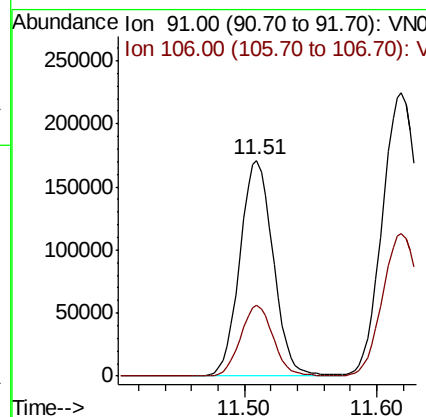
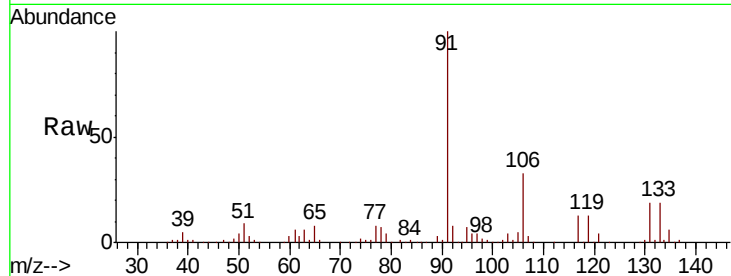




#67
Ethyl Benzene
Concen: 20.307 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

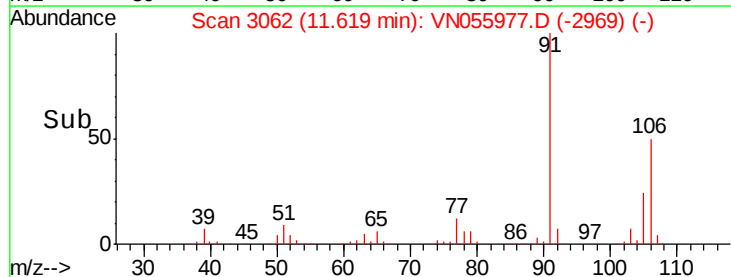
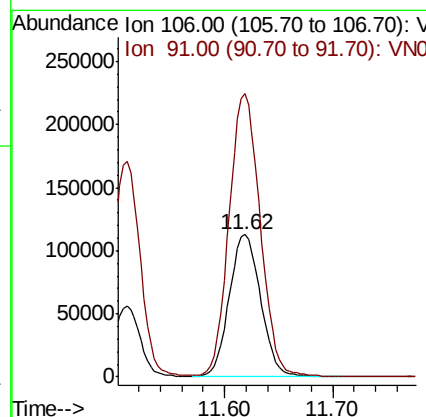
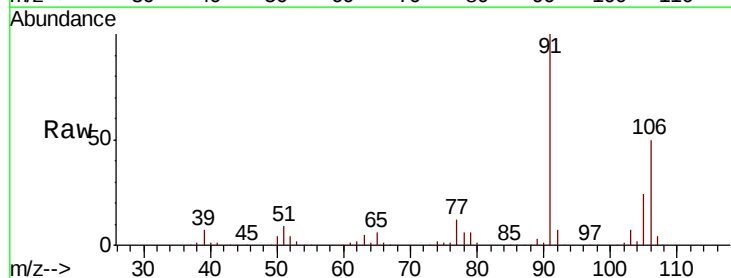
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

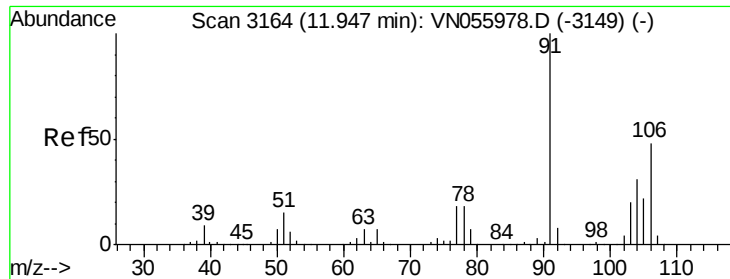
Tot Ion: 91 Resp: 299211
Ion Ratio Lower Upper
91 100
106 32.8 25.1 37.7



#68
m/p-Xylenes
Concen: 40.601 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion: 106 Resp: 228528
Ion Ratio Lower Upper
106 100
91 197.3 159.3 238.9

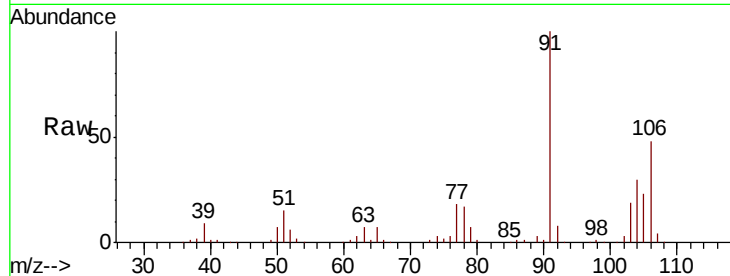




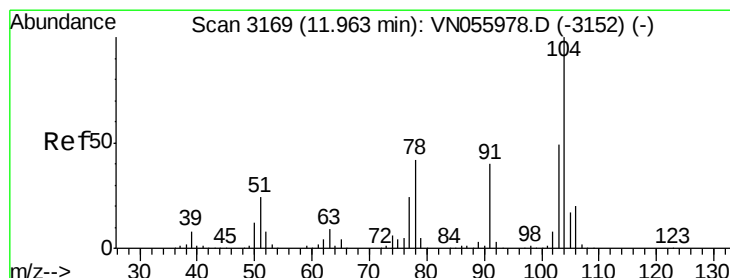
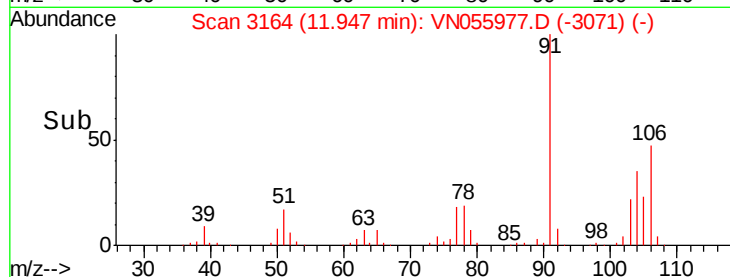
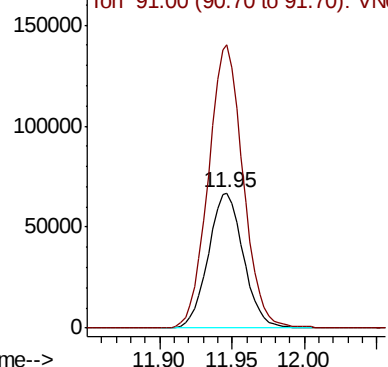
#69
o-Xylene
Concen: 20.291 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 112344
Ion Ratio Lower Upper
106 100
91 207.8 104.7 314.1

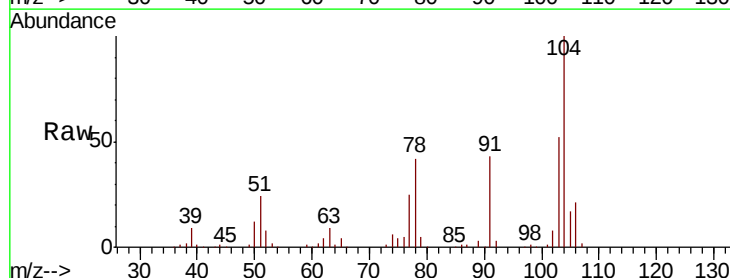


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

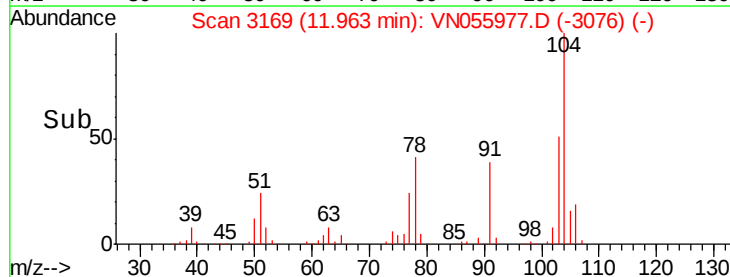
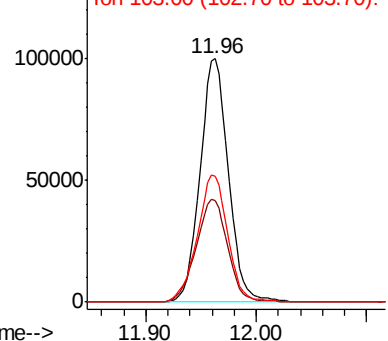


#70
Styrene
Concen: 20.277 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055977.D
Acq: 4 Jun 2019 9:12

Tgt Ion:104 Resp: 178377
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.6
103 56.0 44.2 66.2



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

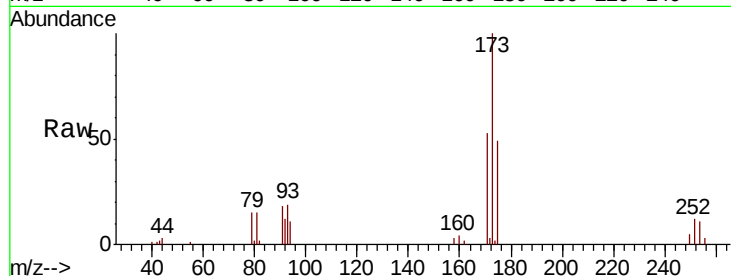




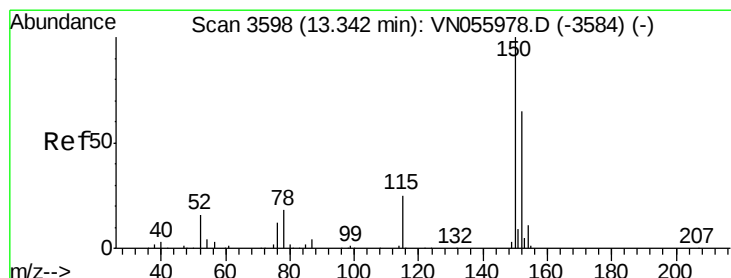
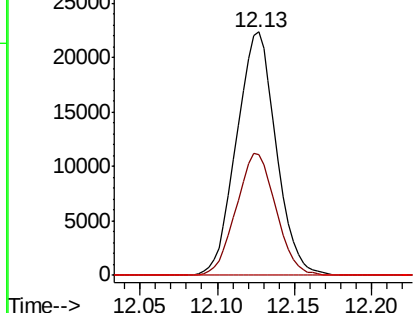
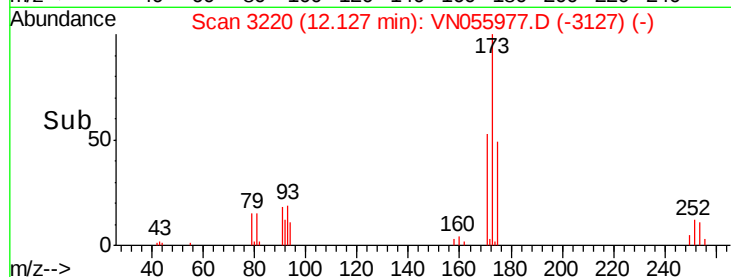
#71
 Bromoform
 Concen: 18.029 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:173 Resp: 39729
 Ion Ratio Lower Upper
 173 100
 175 50.0 24.3 72.8
 254 0.0 0.0 0.0

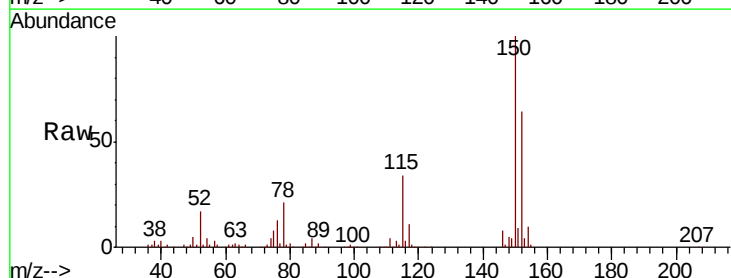


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

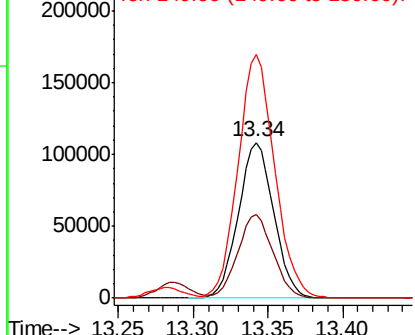
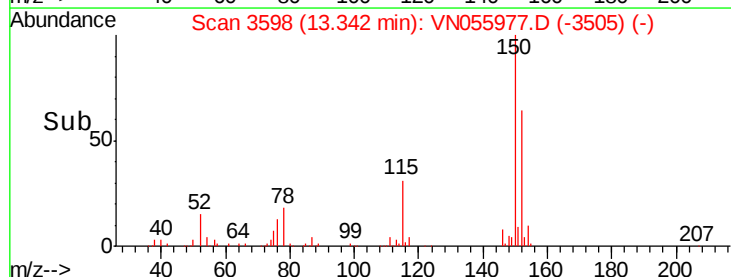


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion:152 Resp: 177794
 Ion Ratio Lower Upper
 152 100
 115 53.7 27.0 81.0
 150 162.9 0.0 343.2



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





#73

Isopropylbenzene

Concen: 21.921 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

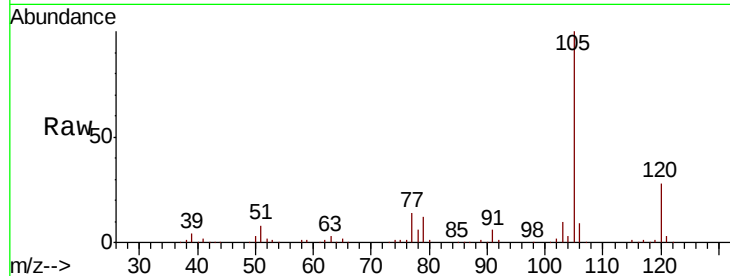
VSTDIC020

Tot Ion:105 Resp: 295026

Ion Ratio Lower Upper

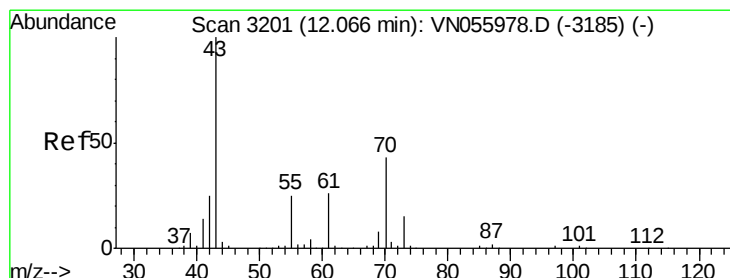
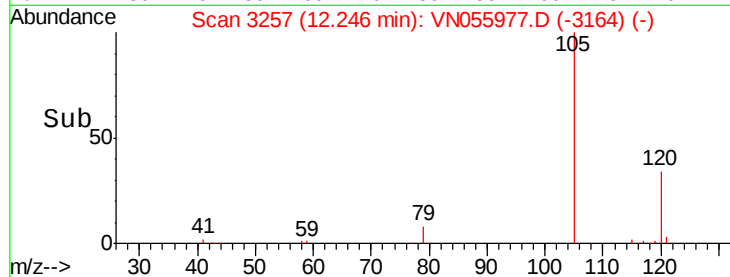
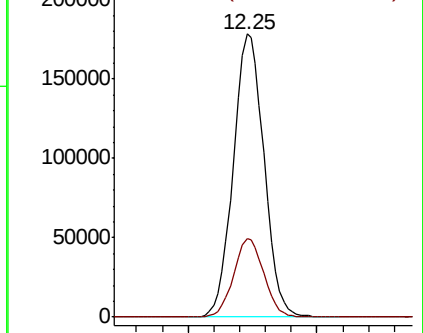
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.392 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Tgt Ion: 43 Resp: 96646

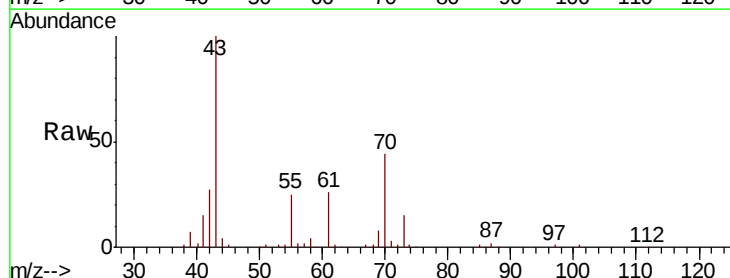
Ion Ratio Lower Upper

43 100

70 43.4 34.0 51.0

55 25.0 18.6 28.0

61 25.2 20.0 30.0

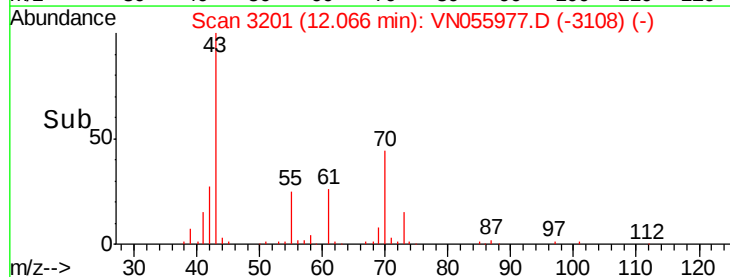
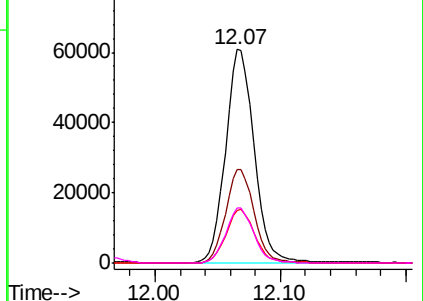


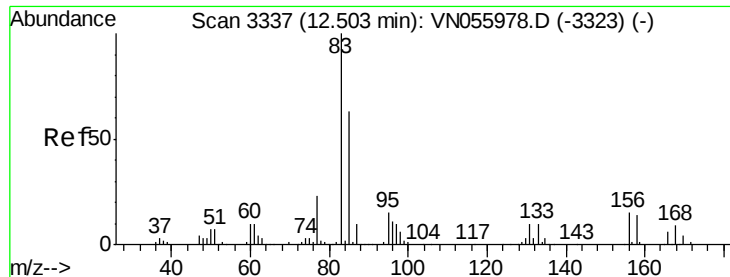
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.419 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

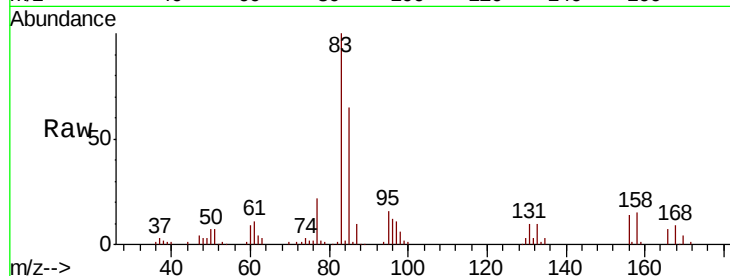
Tot Ion: 83 Resp: 84275

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

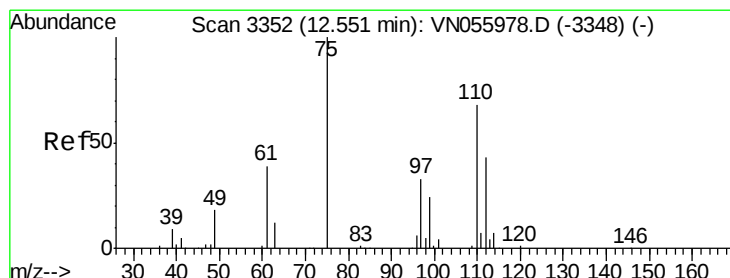
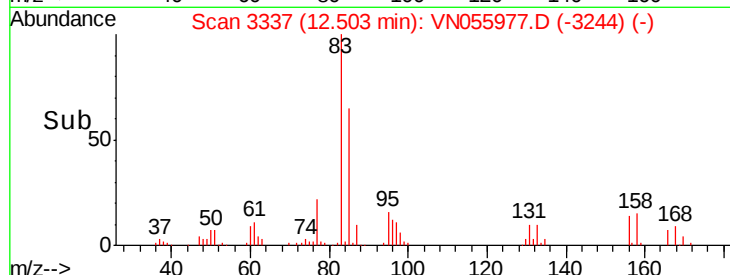
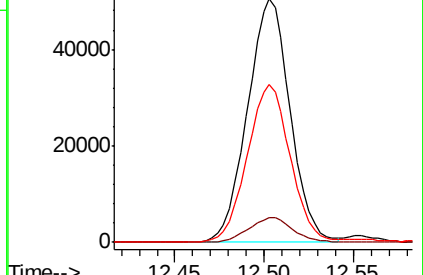
85 65.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055977.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN055977.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN055977.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 30.155 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055977.D

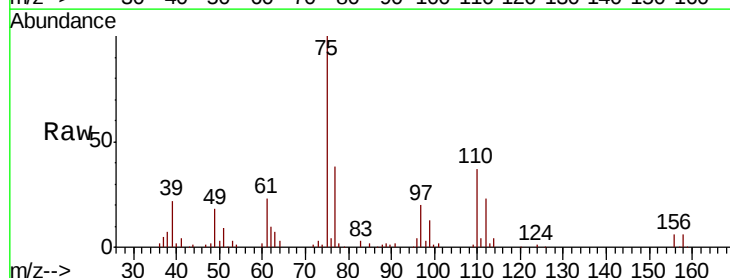
Acq: 4 Jun 2019 9:12

Tgt Ion: 75 Resp: 98652

Ion Ratio Lower Upper

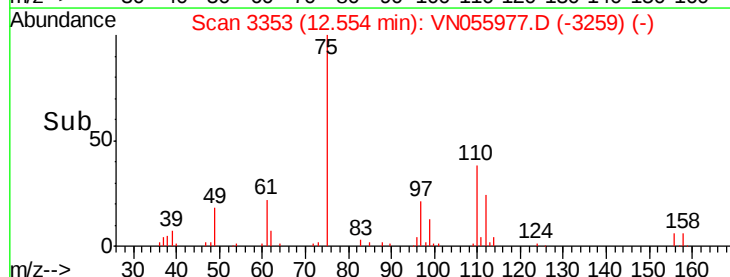
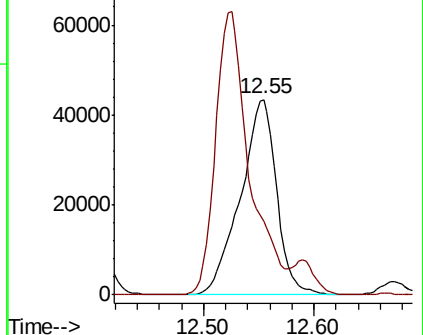
75 100

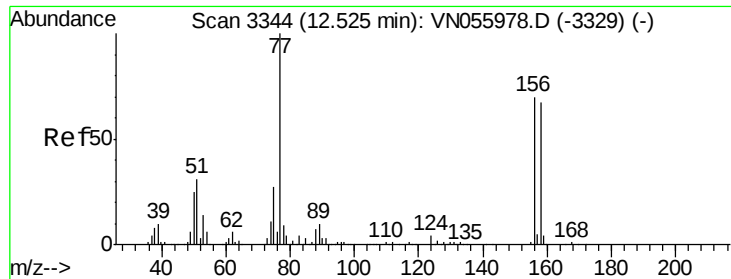
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055977.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN055977.D (-3259) (-)





#77

Bromobenzene

Concen: 20.150 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

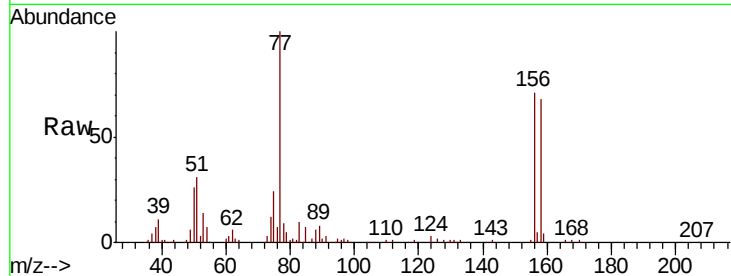
Tot Ion:156 Resp: 76701

Ion Ratio Lower Upper

156 100

77 174.8 90.8 272.5

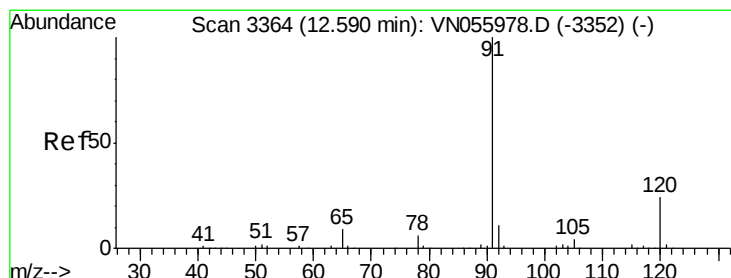
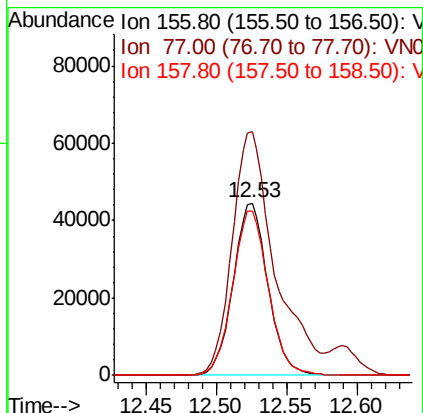
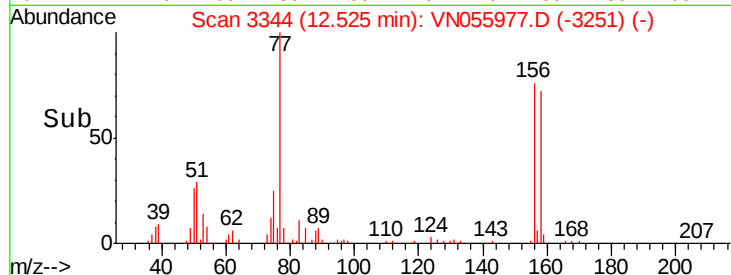
158 98.5 49.3 147.8



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: 20.189 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055977.D

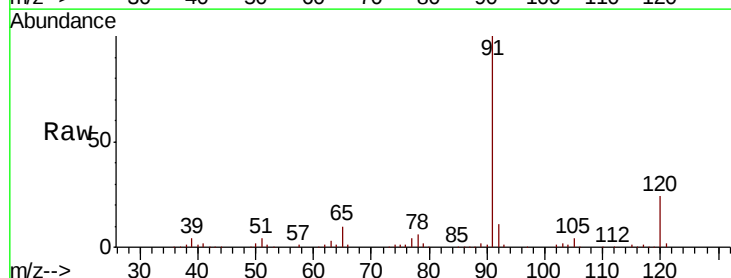
Acq: 4 Jun 2019 9:12

Tgt Ion: 91 Resp: 303665

Ion Ratio Lower Upper

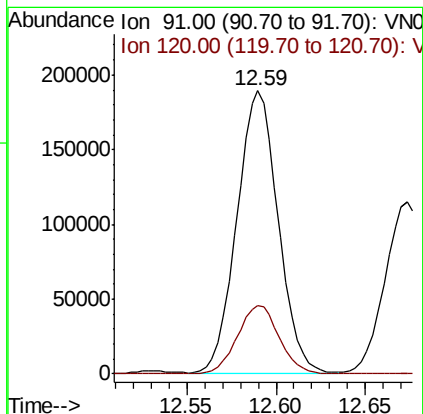
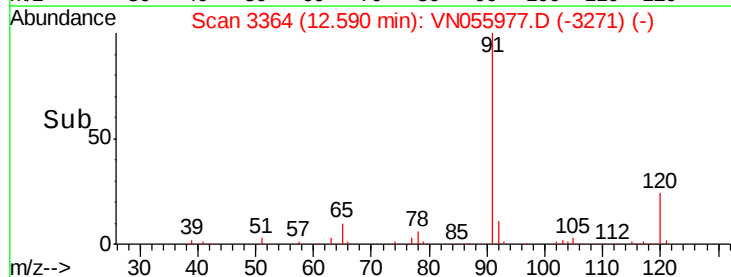
91 100

120 24.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.462 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

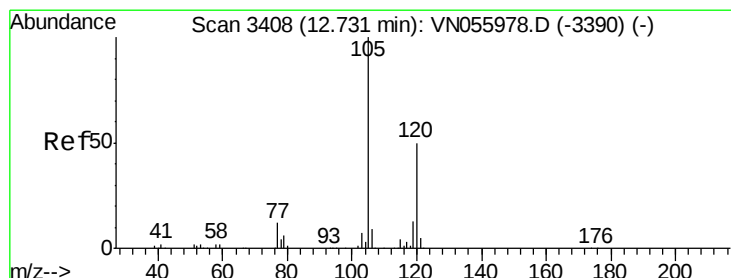
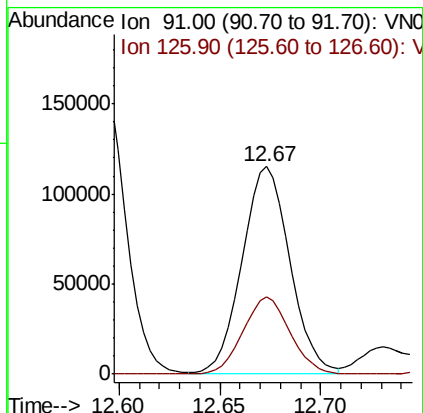
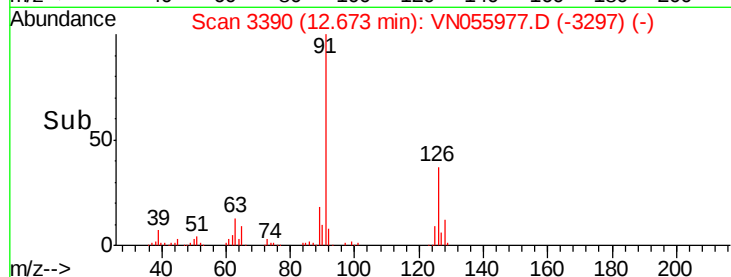
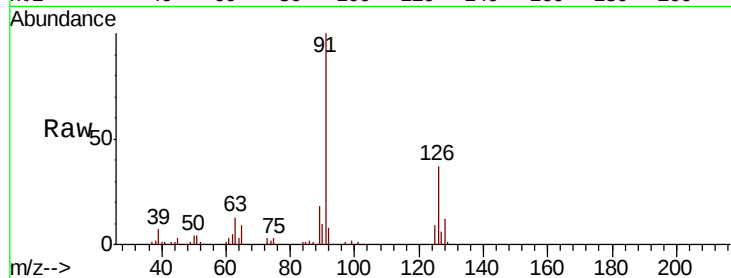
VSTDIC020

Tot Ion: 91 Resp: 190108

Ion Ratio Lower Upper

91 100

126 36.8 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 20.294 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055977.D

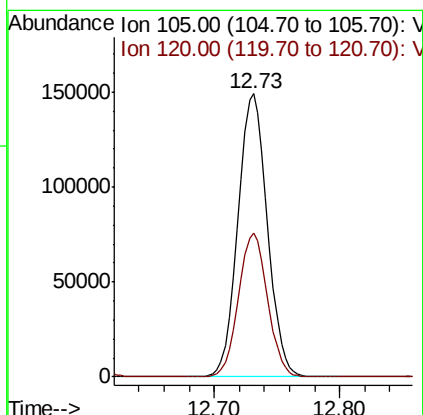
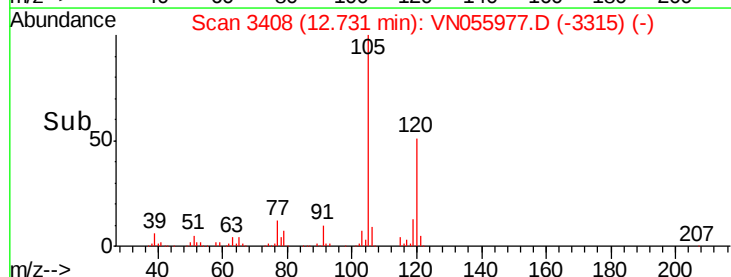
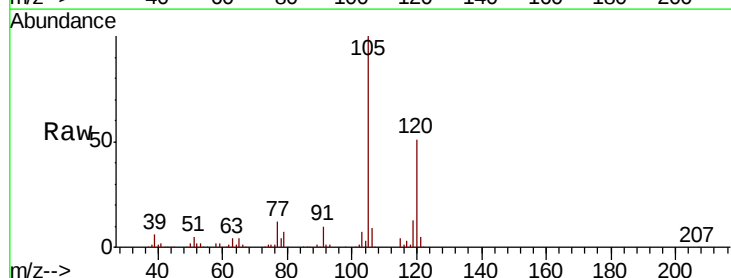
Acq: 4 Jun 2019 9:12

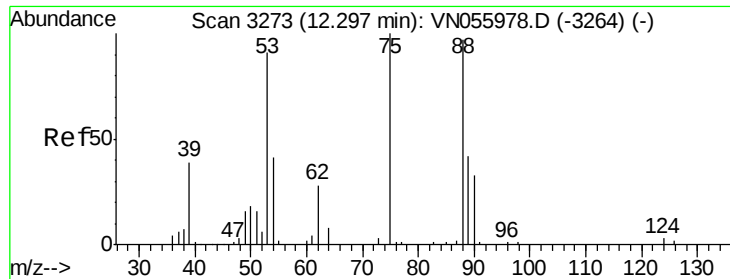
Tgt Ion:105 Resp: 242597

Ion Ratio Lower Upper

105 100

120 50.1 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.266 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

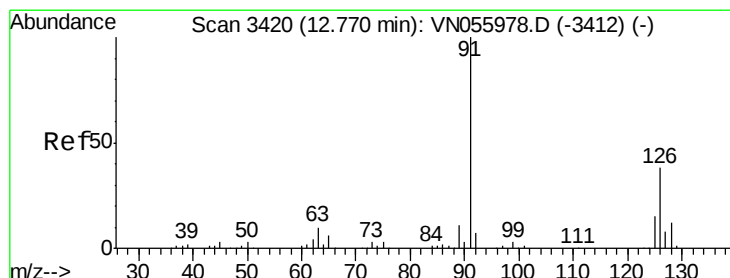
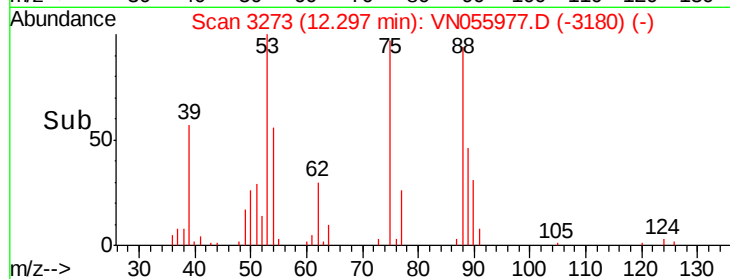
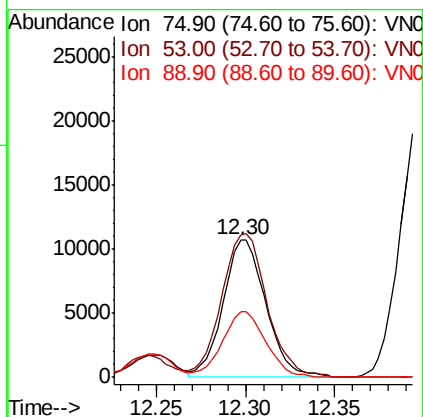
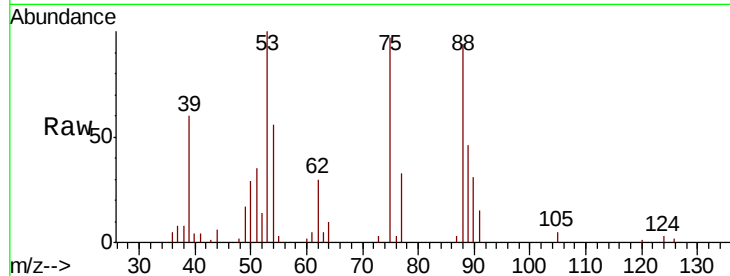
Tot Ion: 75 Resp: 17944

Ion Ratio Lower Upper

75 100

53 111.1 68.1 102.1#

89 48.5 36.9 55.3



#82

4-Chlorotoluene

Concen: 20.218 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055977.D

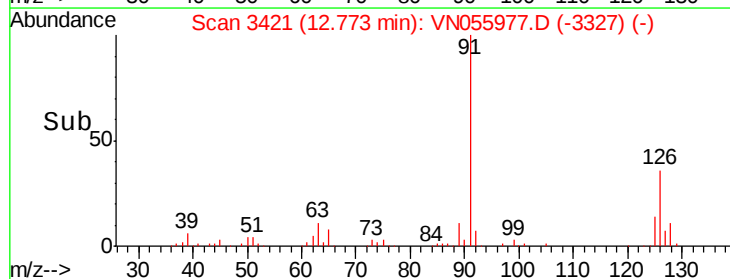
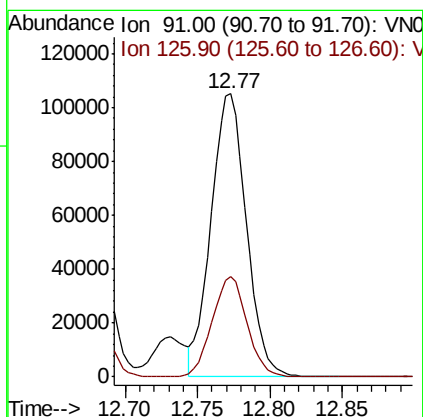
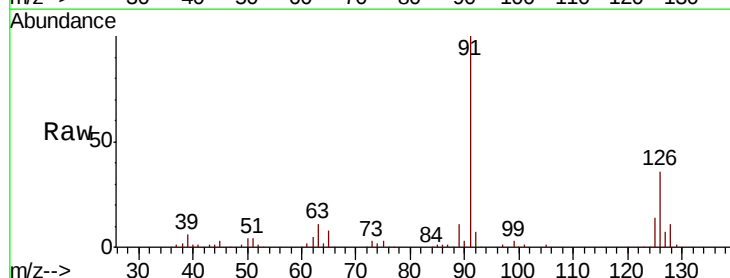
Acq: 4 Jun 2019 9:12

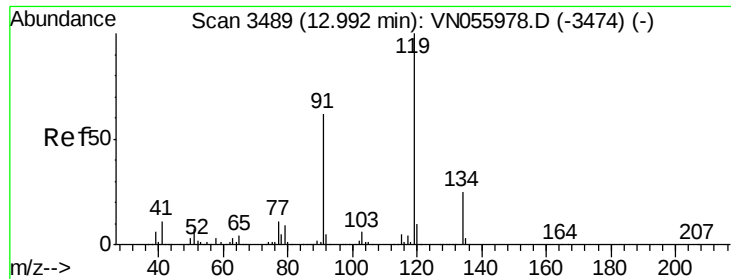
Tgt Ion: 91 Resp: 177914

Ion Ratio Lower Upper

91 100

126 35.0 17.8 53.3

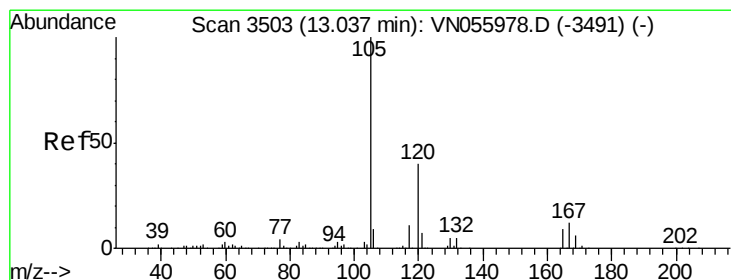
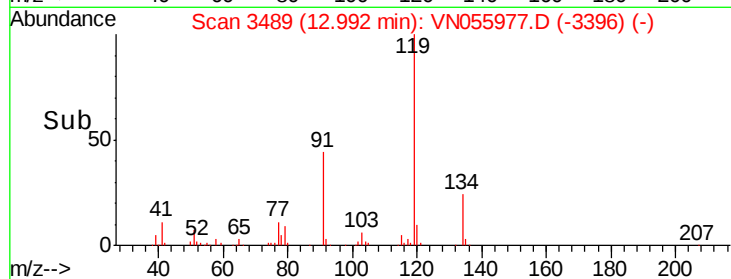
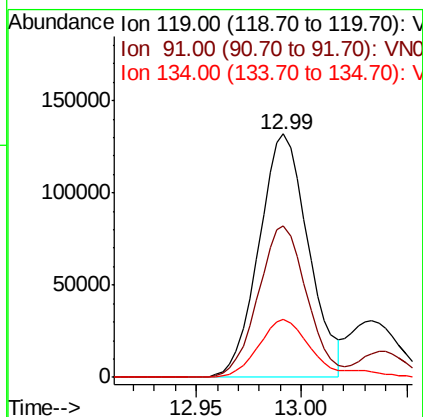
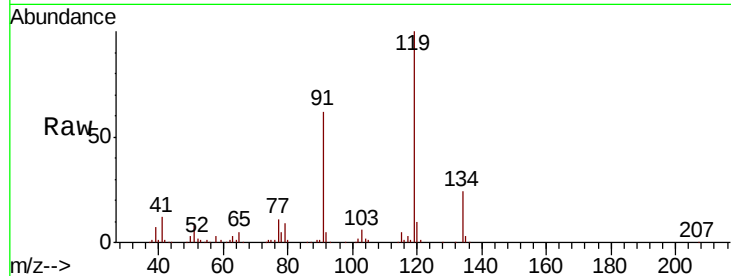




#83
 tert-Butylbenzene
 Concen: 21.695 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

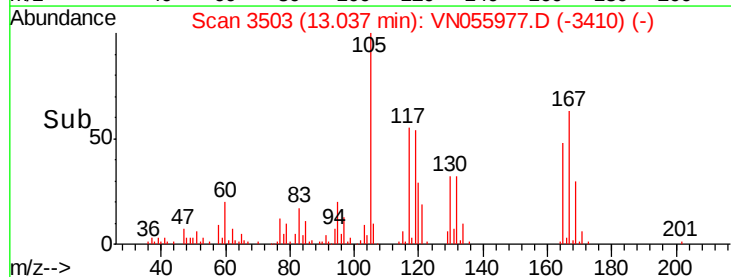
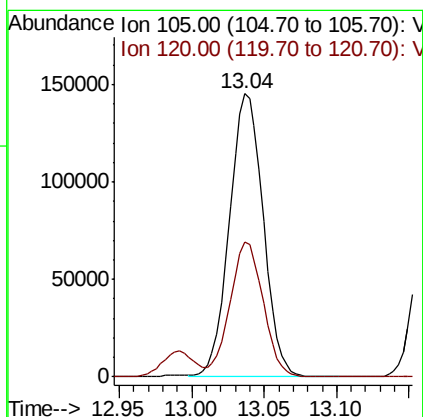
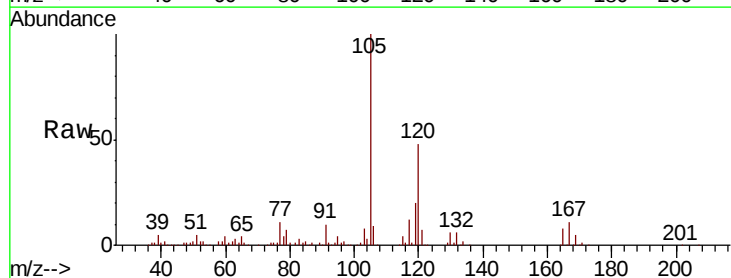
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

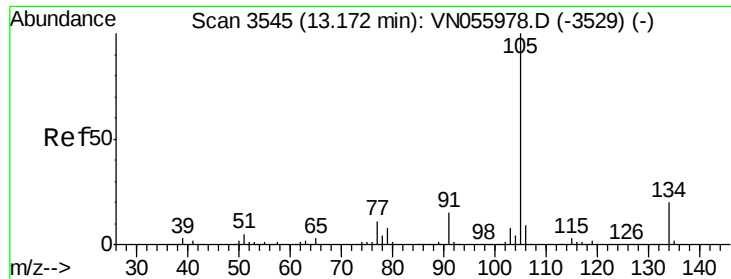
Tot Ion:119 Resp: 215546
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.9 92.8
 134 26.4 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.698 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion:105 Resp: 234635
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.510 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

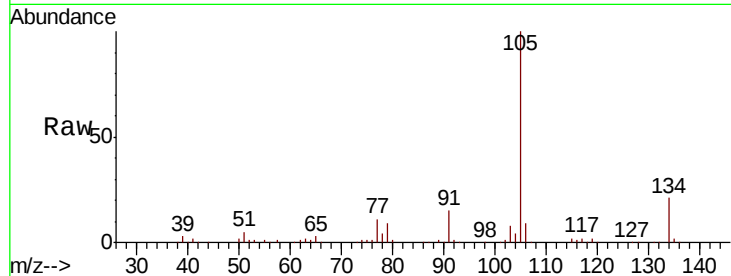
VSTDIC020

Tot Ion:105 Resp: 273208

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

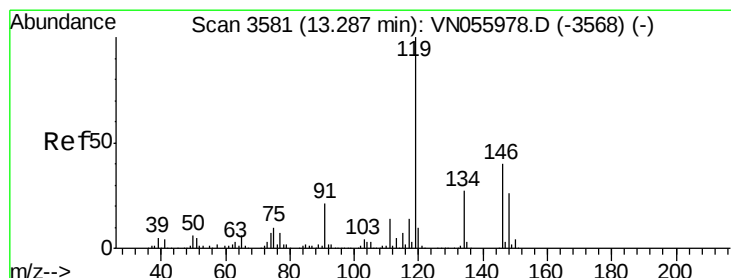
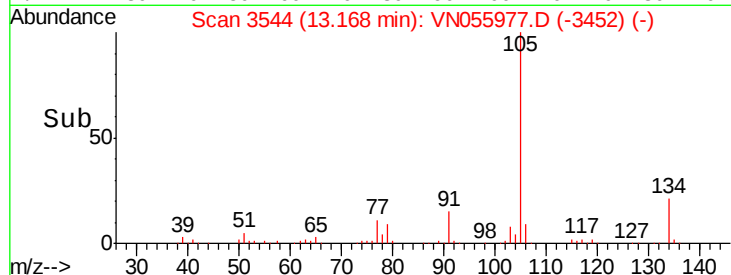
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.589 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

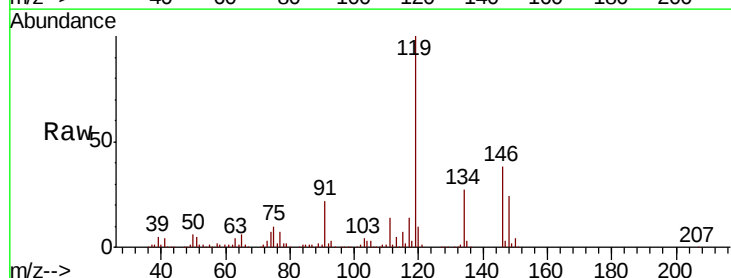
Tgt Ion:119 Resp: 245448

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 21.5 10.9 32.9



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

13.29

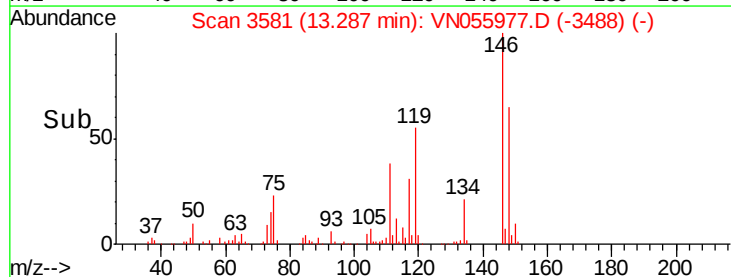
150000

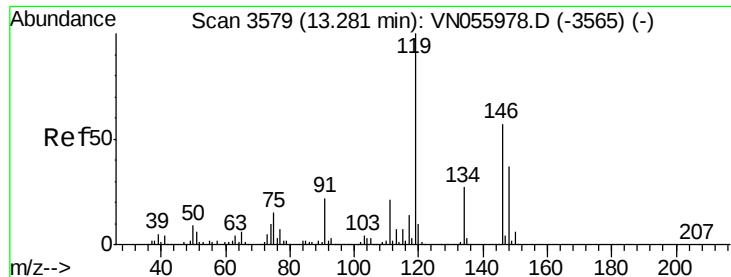
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.370 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

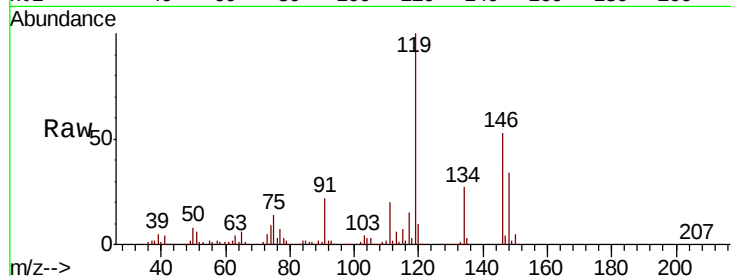
Tot Ion:146 Resp: 120010

Ion Ratio Lower Upper

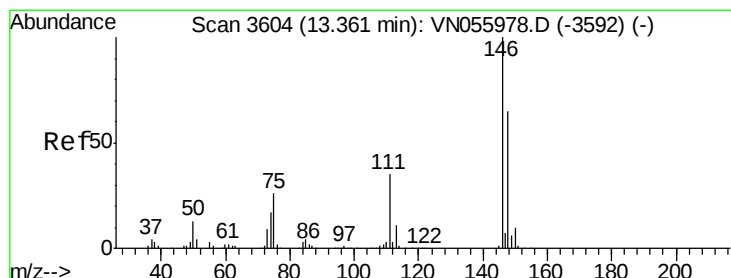
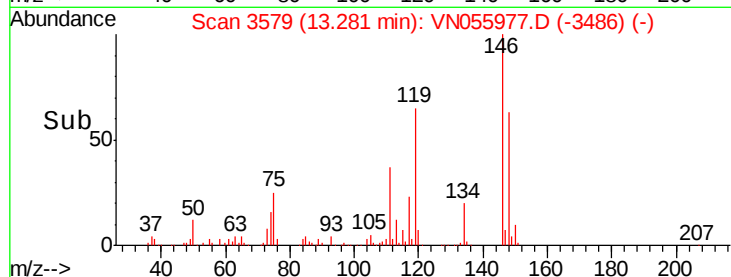
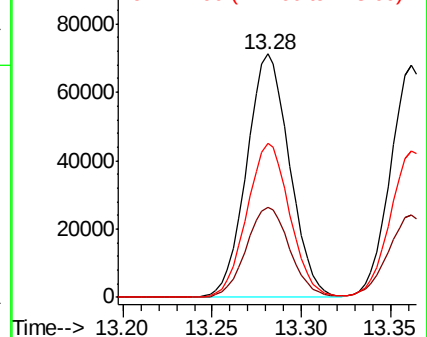
146 100

111 37.4 18.5 55.5

148 63.2 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 19.958 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

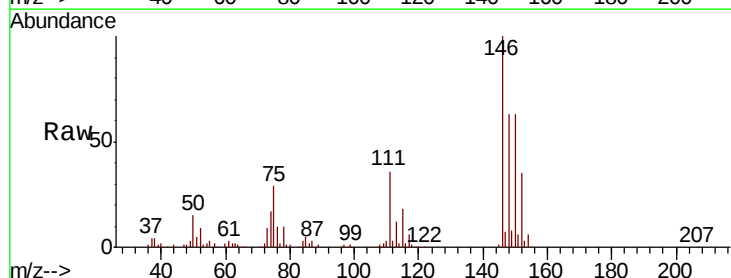
Tgt Ion:146 Resp: 113106

Ion Ratio Lower Upper

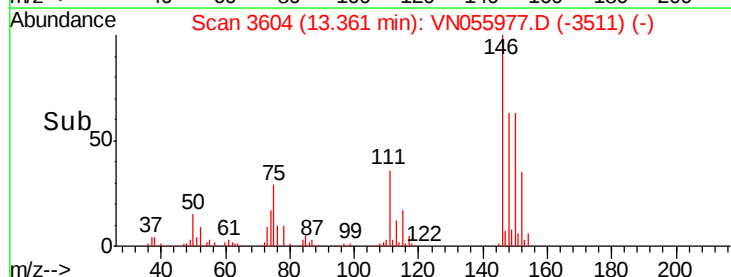
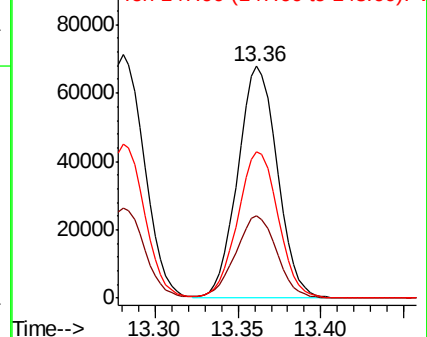
146 100

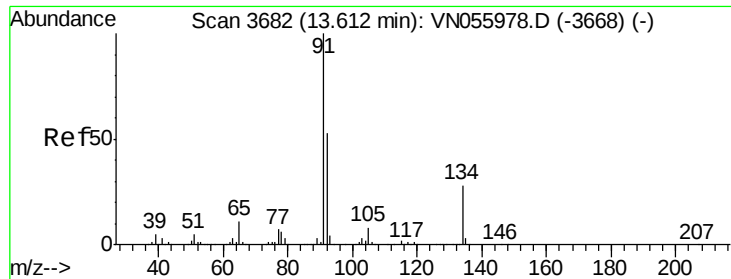
111 37.0 18.1 54.4

148 64.6 32.1 96.5



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





#89

n-Butylbenzene

Concen: 19.594 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

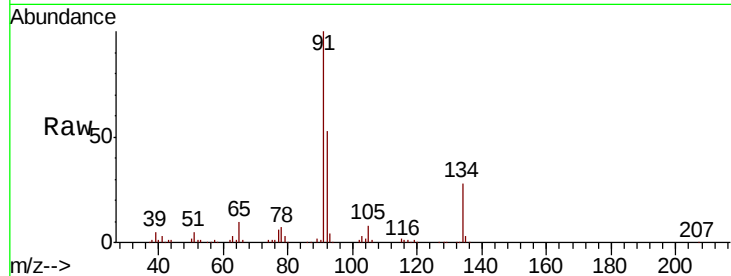
Tot Ion: 91 Resp: 173038

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

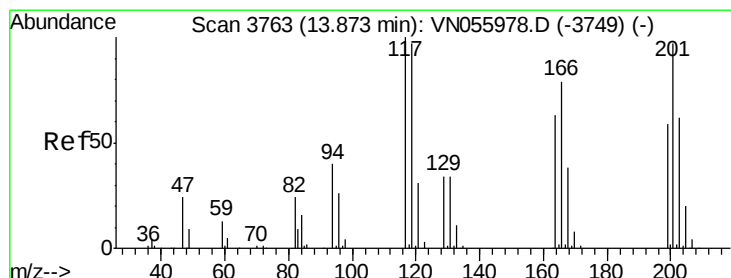
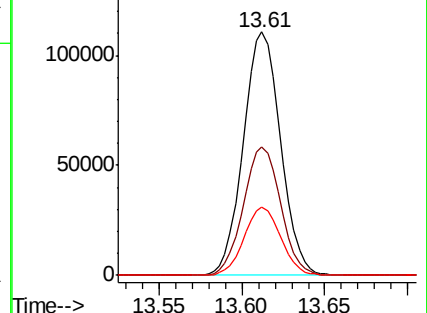
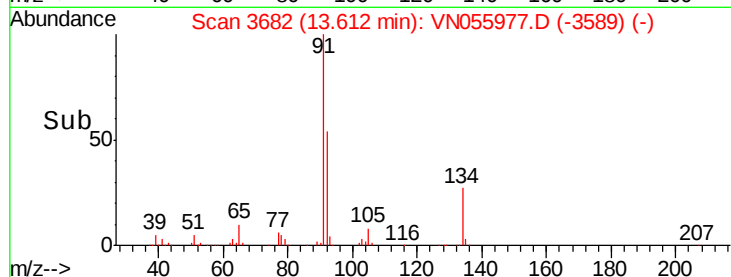
134 27.6 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055977.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055977.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055977.D (-3668) (-)



#90

Hexachloroethane

Concen: 19.594 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055977.D

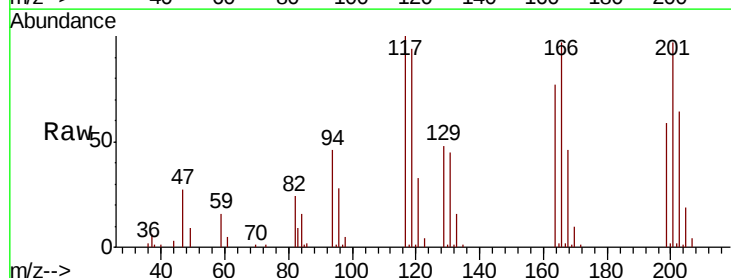
Acq: 4 Jun 2019 9:12

Tgt Ion: 117 Resp: 35227

Ion Ratio Lower Upper

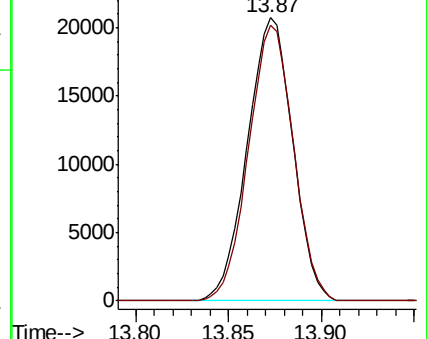
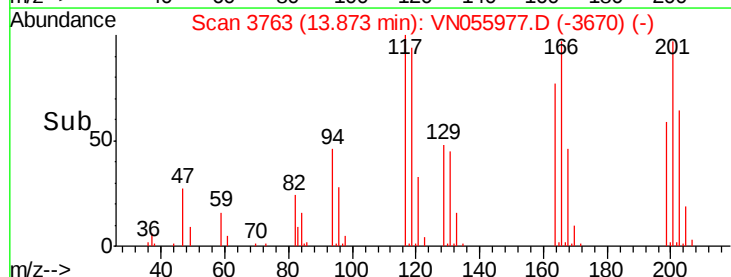
117 100

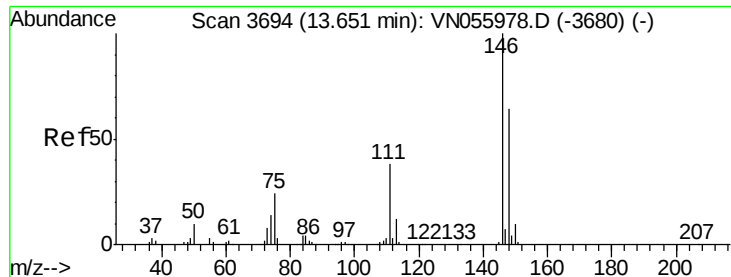
201 96.2 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055977.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055977.D (-3749) (-)

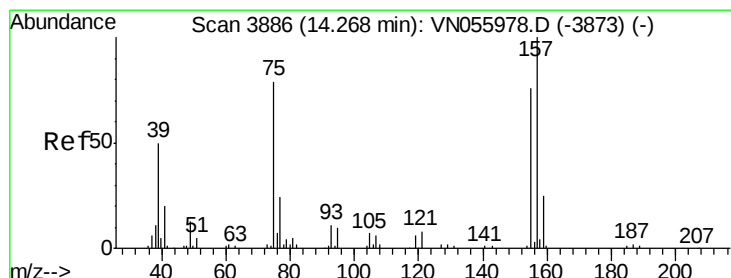
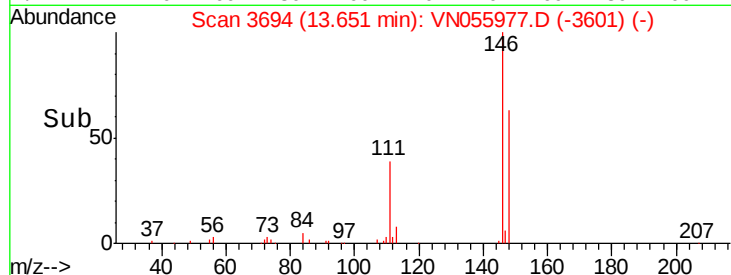
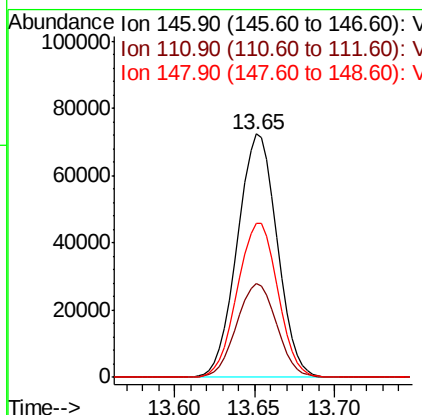
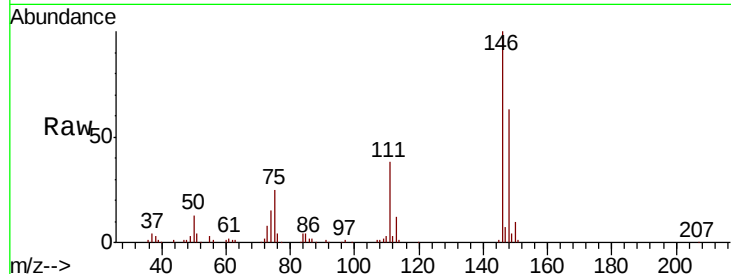




#91
 1,2-Dichlorobenzene
 Concen: 20.706 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

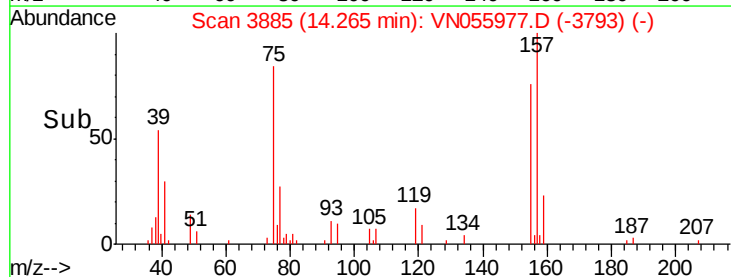
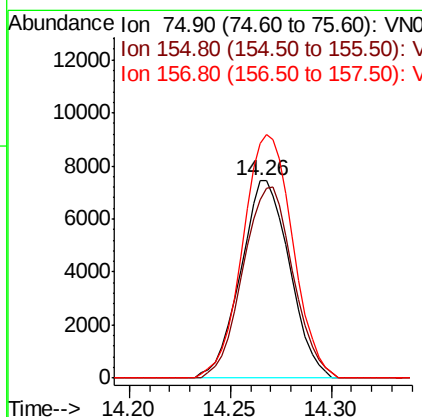
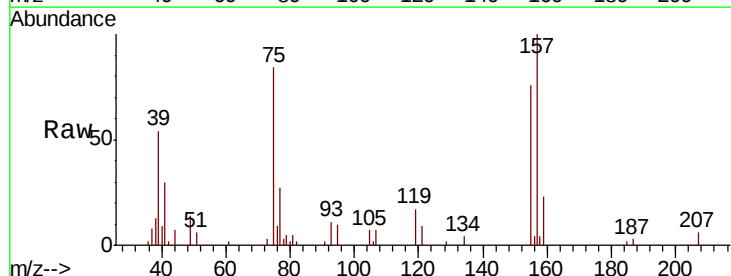
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.442 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	50.0	150.1
157	125.6	64.8	194.3

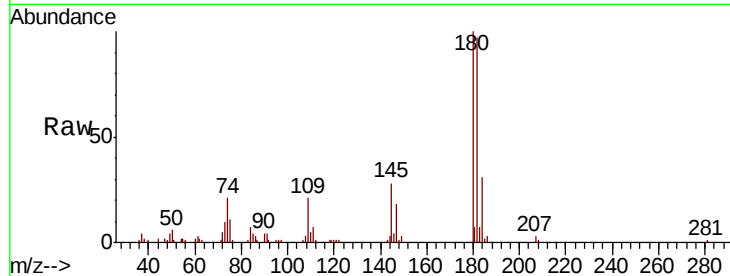




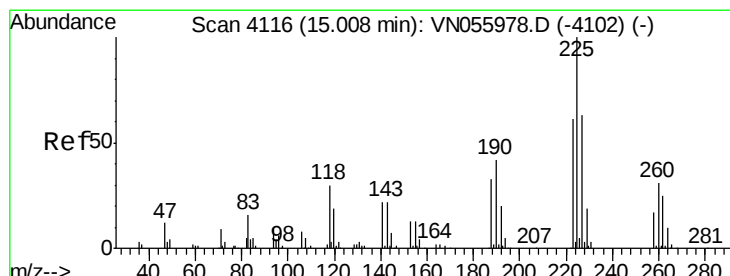
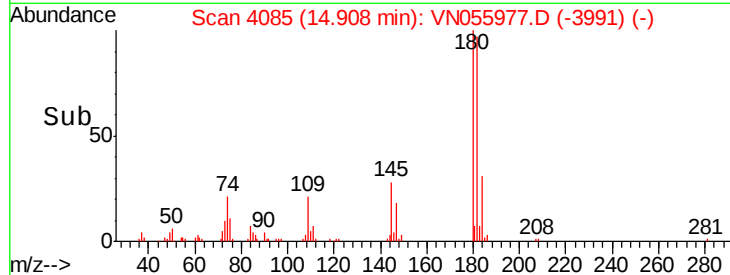
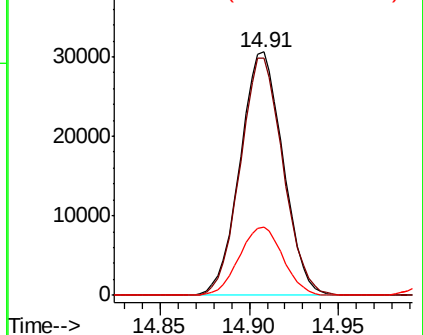
#93
 1,2,4-Trichlorobenzene
 Concen: 18.640 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:180 Resp: 51501
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.3 144.9
 145 28.5 14.0 41.9

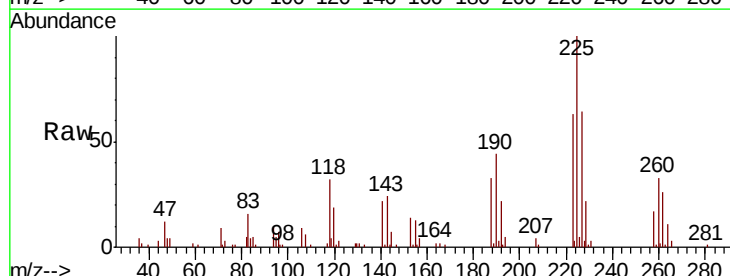


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

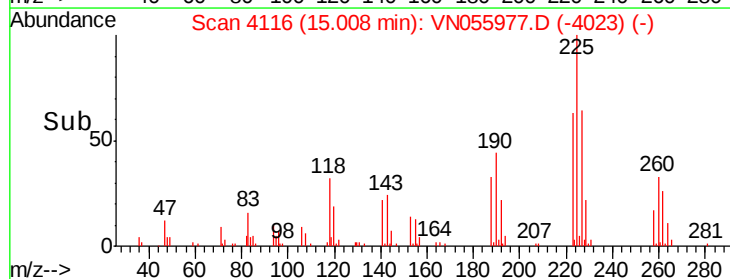
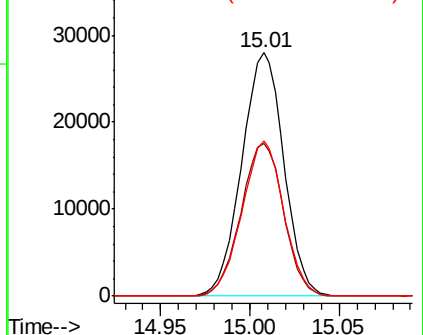


#94
 Hexachlorobutadiene
 Concen: 21.333 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055977.D
 Acq: 4 Jun 2019 9:12

Tgt Ion:225 Resp: 45960
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.9 92.7
 227 63.2 31.6 94.7



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: 18.438 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

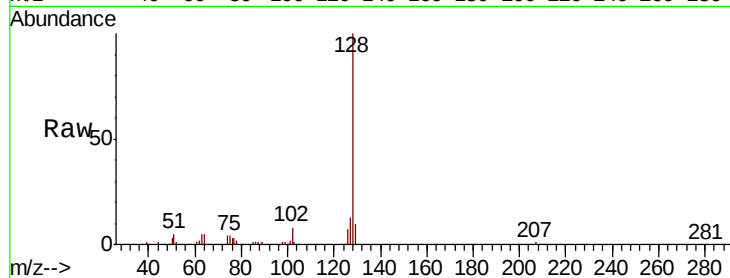
Tot Ion:128 Resp: 134398

Ion Ratio Lower Upper

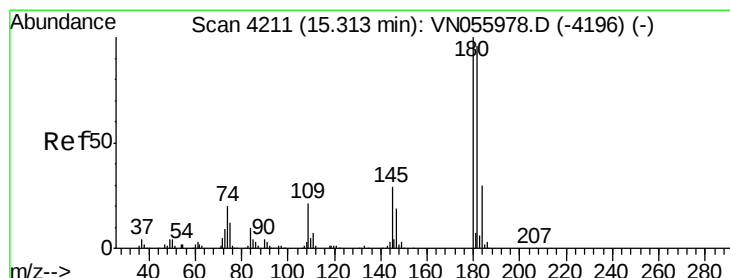
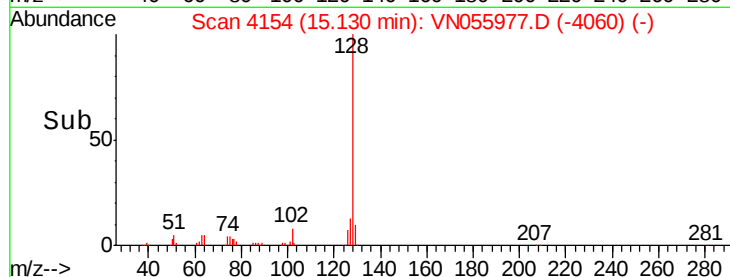
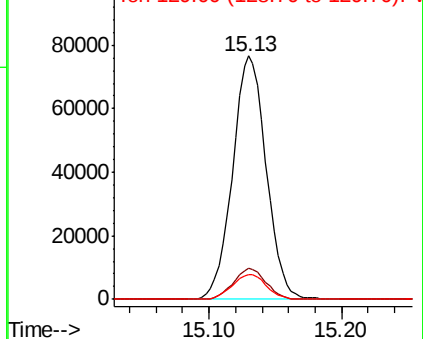
128 100

127 12.3 10.3 15.5

129 10.4 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 19.338 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055977.D

Acq: 4 Jun 2019 9:12

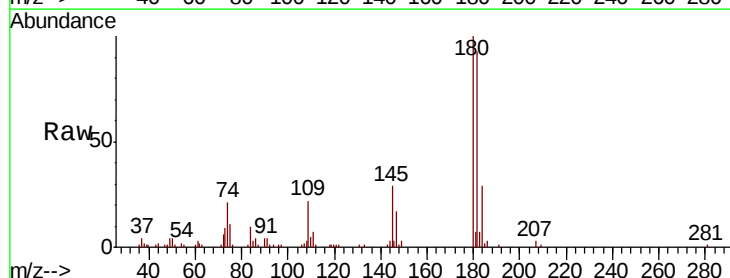
Tgt Ion:180 Resp: 57987

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 29.2 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

