

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056142.D
 Acq On : 8 Jun 2019 10:22
 Operator : JC/SP
 Sample : VN0608WBS04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 01:23:17 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	273857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	423663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	372420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150583	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	146711	53.95	ug/l	0.00
Spiked Amount			Recovery	=	107.90%	
35) Dibromofluoromethane	7.59	113	129916	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	495595	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	162550	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	61765	20.739	ug/l	98
3) Chloromethane	2.06	50	67965	22.894	ug/l	99
4) Vinyl Chloride	2.18	62	65582	22.024	ug/l	99
5) Bromomethane	2.54	94	39258	20.870	ug/l	100
6) Chloroethane	2.69	64	37216	21.555	ug/l	99
7) Trichlorofluoromethane	3.01	101	79314	20.864	ug/l	100
8) Diethyl Ether	3.40	74	32085	20.524	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	47622	20.622	ug/l	99
10) Methyl Iodide	3.94	142	71883	19.588	ug/l	99
11) Tert butyl alcohol	4.82	59	45855	96.905	ug/l	98
12) 1,1-Dichloroethene	3.72	96	47874	20.824	ug/l	98
13) Acrolein	3.61	56	10127	74.205	ug/l	98
14) Allyl chloride	4.31	41	68451	18.856	ug/l	97
15) Acrylonitrile	4.99	53	137461	119.335	ug/l	100
16) Acetone	3.82	43	113596	87.348	ug/l	98
17) Carbon Disulfide	4.04	76	93026	16.900	ug/l	98
18) Methyl Acetate	4.32	43	65648	25.414	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	157603	21.507	ug/l	98
20) Methylene Chloride	4.55	84	58523	21.842	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	51378	20.858	ug/l	97
22) Diisopropyl ether	5.95	45	163417	21.777	ug/l	99
23) Vinyl Acetate	5.90	43	605273	102.422	ug/l	99
24) 1,1-Dichloroethane	5.84	63	93622	21.628	ug/l	98
25) 2-Butanone	6.84	43	177725	108.162	ug/l	100
26) 2,2-Dichloropropane	6.82	77	30390	8.997	ug/l	92
27) cis-1,2-Dichloroethene	6.82	96	62233	21.493	ug/l	92
28) Bromochloromethane	7.19	49	45982	22.463	ug/l	99
29) Tetrahydrofuran	7.22	42	119991	118.138	ug/l	100
30) Chloroform	7.37	83	94658	21.738	ug/l	98
31) Cyclohexane	7.65	56	86030	19.939	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	73443	20.197	ug/l	99
36) 1,1-Dichloropropene	7.79	75	67252	18.461	ug/l	99
37) Ethyl Acetate	6.93	43	70490	21.747	ug/l	99
38) Carbon Tetrachloride	7.77	117	62127	18.498	ug/l	98

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Instrument :
 MSVOA_N
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Quant Time: Jun 10 01:23:17 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)
39) Methylcyclohexane	9.08	83	78692	17.341	ug/l	99
40) Benzene	8.04	78	226347	20.457	ug/l	99
41) Methacrylonitrile	7.18	41	33026	22.146	ug/l	96
42) 1,2-Dichloroethane	8.12	62	73052	20.526	ug/l	99
43) Isopropyl Acetate	8.17	43	104315	19.860	ug/l	97
44) Trichloroethene	8.83	130	64194	20.191	ug/l	97
45) 1,2-Dichloropropane	9.12	63	58879	20.776	ug/l	99
46) Dibromomethane	9.21	93	37532	20.252	ug/l	96
47) Bromodichloromethane	9.40	83	63874	19.017	ug/l	100
48) Methyl methacrylate	9.20	41	53742	20.914	ug/l	97
49) 1,4-Dioxane	9.20	88	23283	419.699	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	346777	105.576	ug/l	98
52) Toluene	10.16	92	138497	20.116	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	55224	15.749	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	70245	17.399	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	56080	20.563	ug/l	98
56) Ethyl methacrylate	10.43	69	80358	20.197	ug/l	99
57) 1,3-Dichloropropane	10.71	76	91682	20.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	138890	97.680	ug/l	99
59) 2-Hexanone	10.75	43	248206	104.261	ug/l	99
60) Dibromochloromethane	10.90	129	48843	17.894	ug/l	100
61) 1,2-Dibromoethane	11.00	107	57369	20.577	ug/l	97
64) Tetrachloroethene	10.63	164	70730	21.941	ug/l	98
65) Chlorobenzene	11.43	112	147977	19.965	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	50350	19.674	ug/l	99
67) Ethyl Benzene	11.51	91	253178	19.644	ug/l	99
68) m/p-Xylenes	11.62	106	194570	39.519	ug/l	99
69) o-Xylene	11.95	106	98798	20.400	ug/l	96
70) Styrene	11.96	104	155737	20.239	ug/l	99
71) Bromoform	12.13	173	32930	17.228	ug/l #	100
73) Isopropylbenzene	12.25	105	252458	22.174	ug/l	99
74) N-amyl acetate	12.07	43	85280	21.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	76836	21.980	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	83592	30.169	ug/l #	100
77) Bromobenzene	12.53	156	70168	21.765	ug/l	91
78) n-propylbenzene	12.59	91	255743	20.075	ug/l	99
79) 2-Chlorotoluene	12.67	91	164008	21.906	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	203410	20.091	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	11672	14.028	ug/l #	76
82) 4-Chlorotoluene	12.77	91	151011	20.262	ug/l	99
83) tert-Butylbenzene	12.99	119	185539	22.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	197965	20.619	ug/l	99
85) sec-Butylbenzene	13.17	105	227289	20.147	ug/l	99
86) p-Isopropyltoluene	13.29	119	198955	19.705	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	101034	20.248	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	95588	19.915	ug/l	99
89) n-Butylbenzene	13.61	91	131257	17.549	ug/l	99
90) Hexachloroethane	13.87	117	27642	18.153	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	105407	20.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9397	18.794	ug/l	87

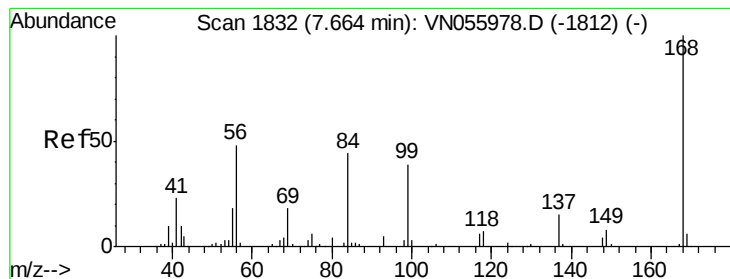
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	37529	16.634	ug/l	98
94) Hexachlorobutadiene	15.01	225	36811	20.056	ug/l	99
95) Naphthalene	15.13	128	107545	17.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44765	17.895	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

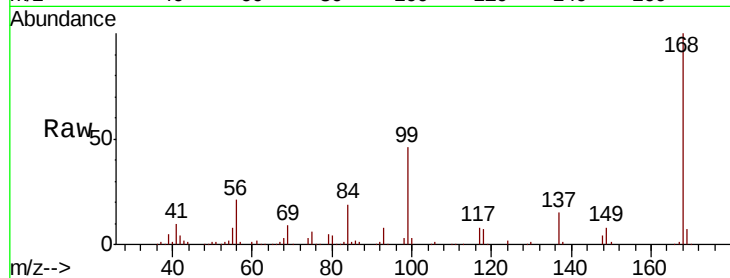
ClientSampleId :

Tot Ion:168 Resp: 273857

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

120000

100000

80000

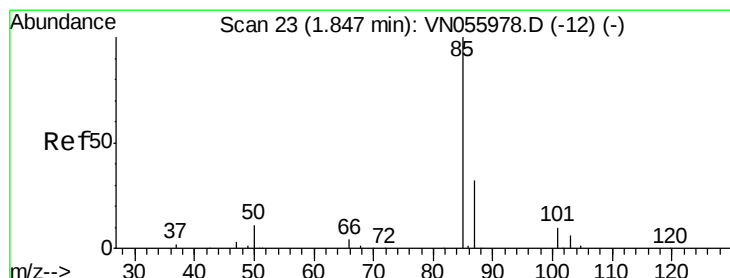
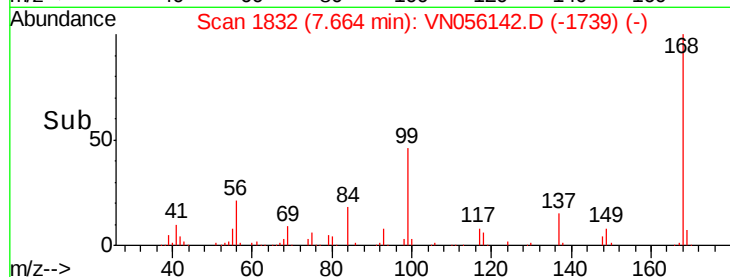
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.739 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056142.D

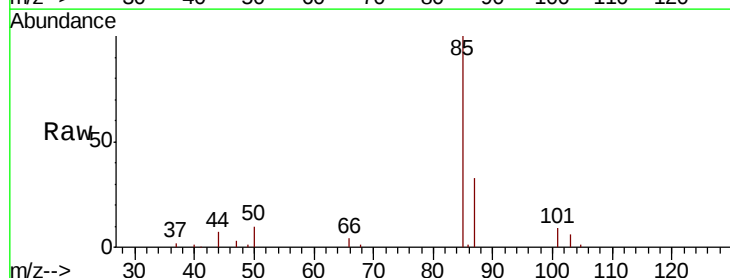
Acq: 8 Jun 2019 10:22

Tgt Ion: 85 Resp: 61765

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

40000

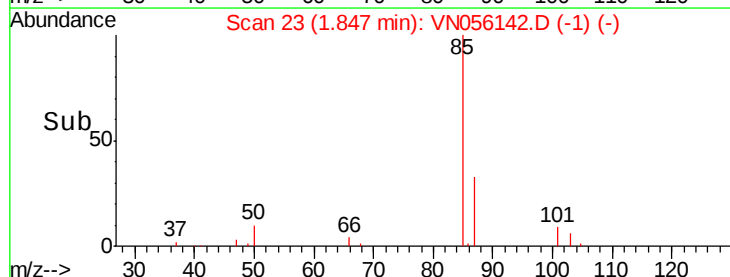
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 22.894 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

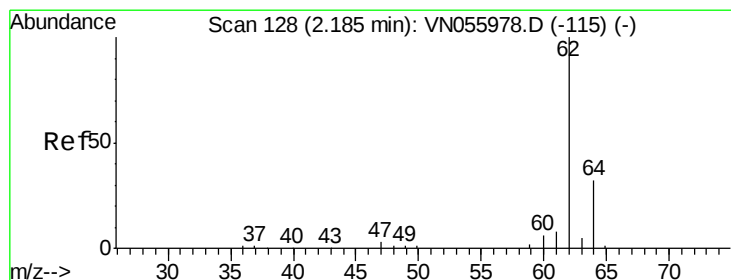
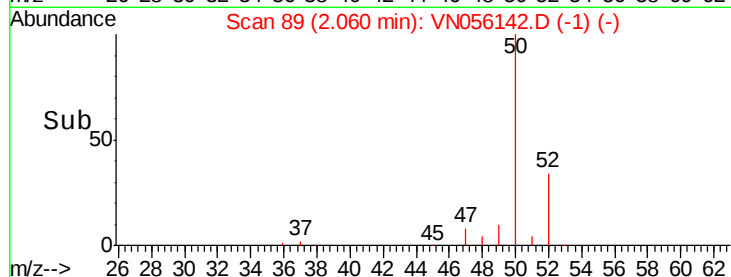
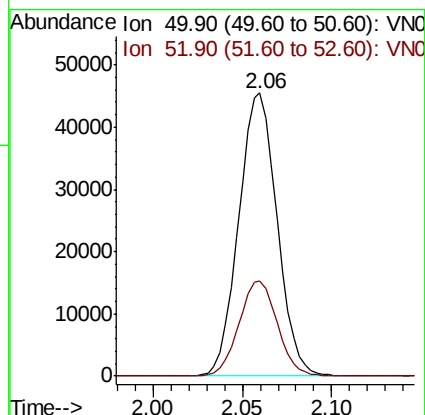
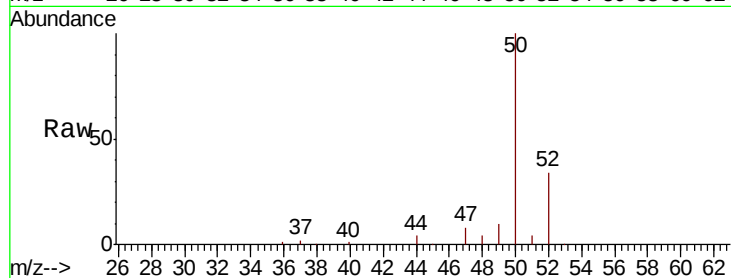
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 67965

Ion Ratio Lower Upper

50 100

52 33.6 26.6 40.0



#4

Vinyl Chloride

Concen: 22.024 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056142.D

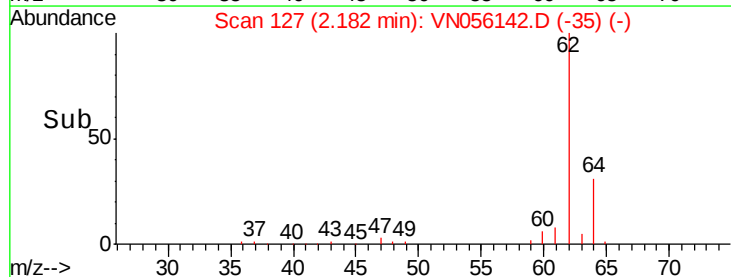
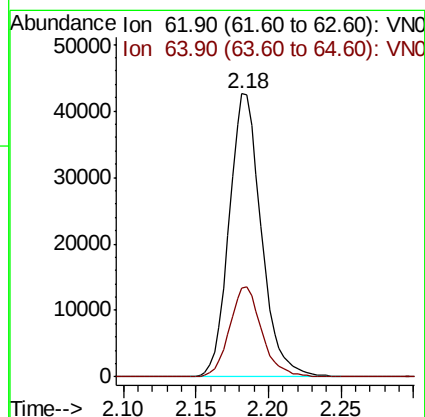
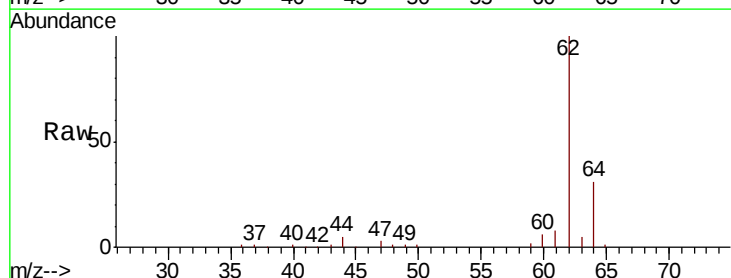
Acq: 8 Jun 2019 10:22

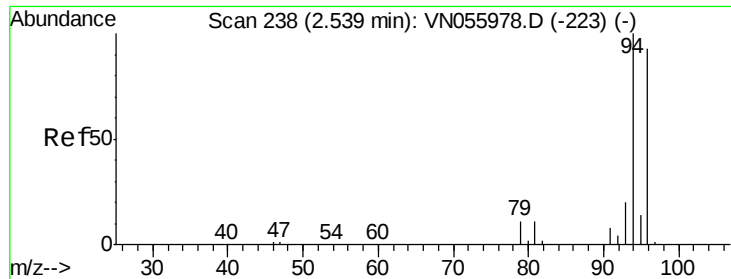
Tgt Ion: 62 Resp: 65582

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4

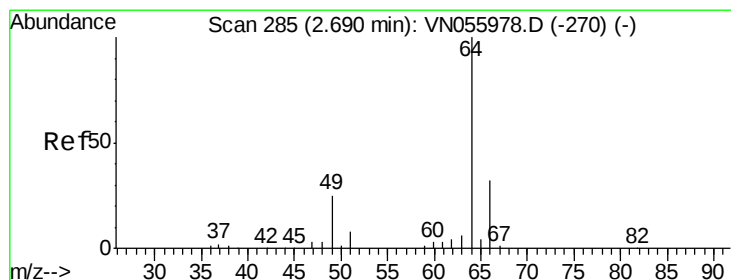
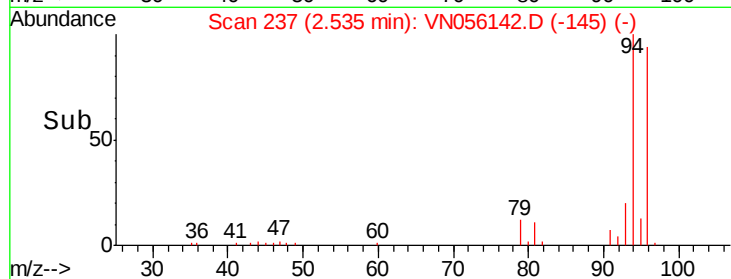
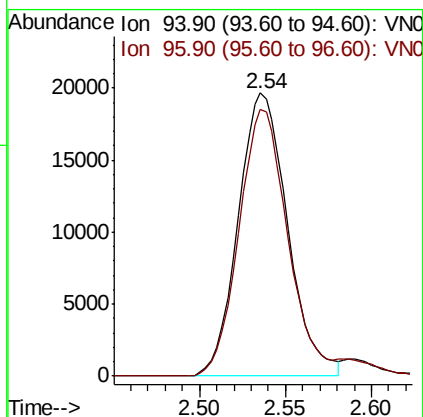
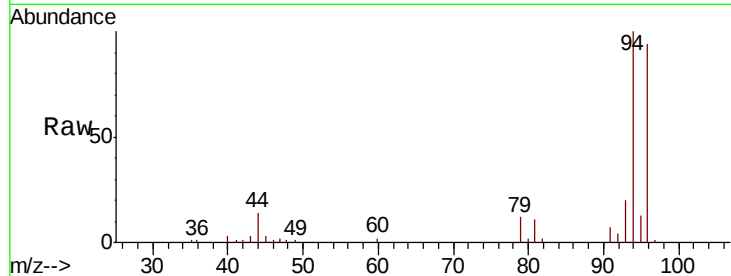




#5
Bromomethane
Concen: 20.870 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

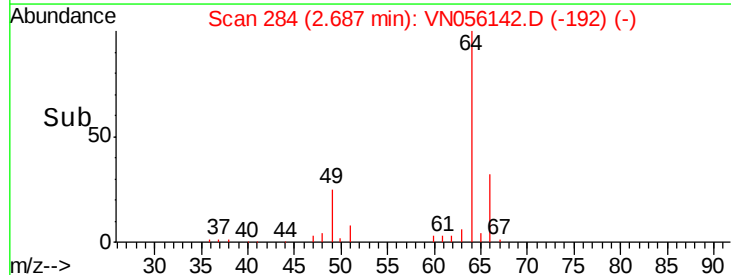
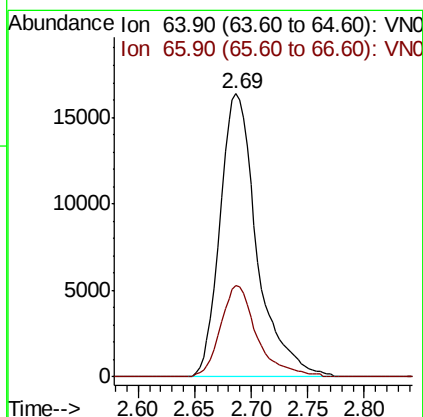
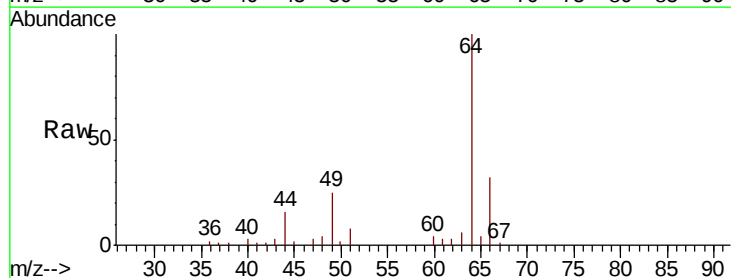
Instrument :
MSVOA_N
ClientSampled :

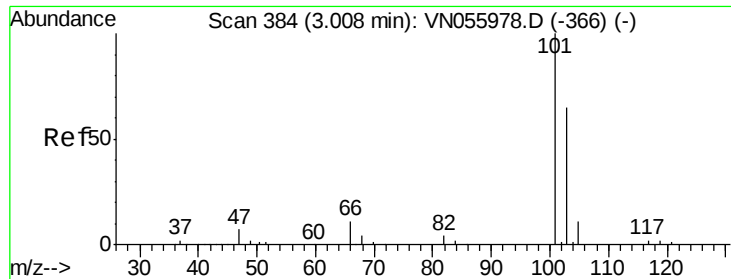
Tot Ion: 94 Resp: 39258
Ion Ratio Lower Upper
94 100
96 94.1 75.5 113.3



#6
Chloroethane
Concen: 21.555 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 64 Resp: 37216
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0



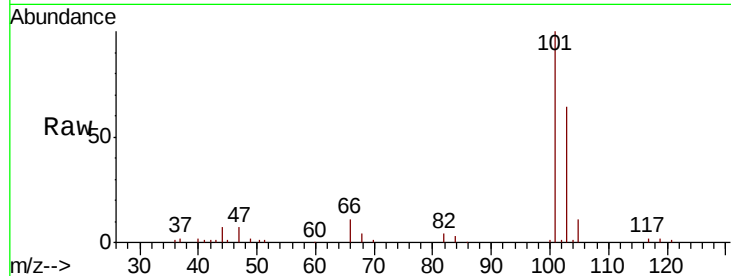


#7

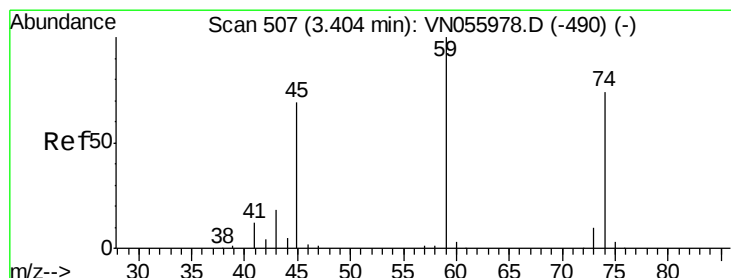
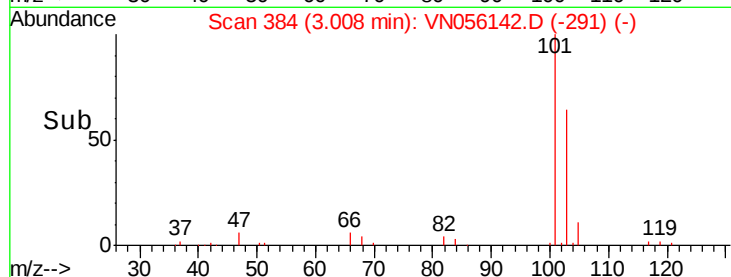
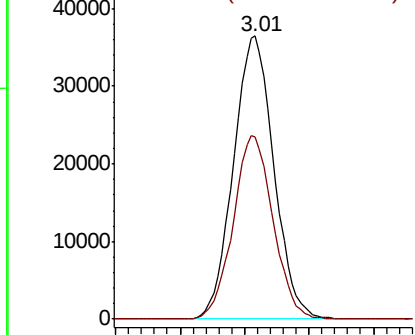
Trichlorofluoromethane
Concen: 20.864 ug/l
RT: 3.01 min Scan# 384
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 79314
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8



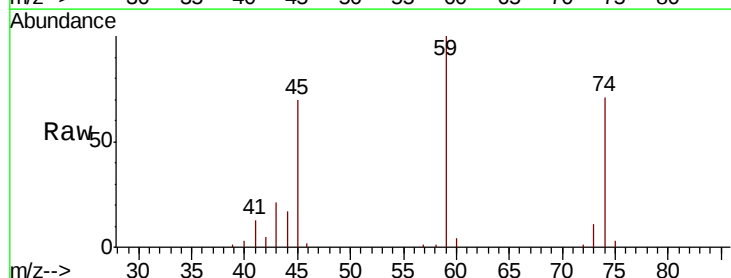
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



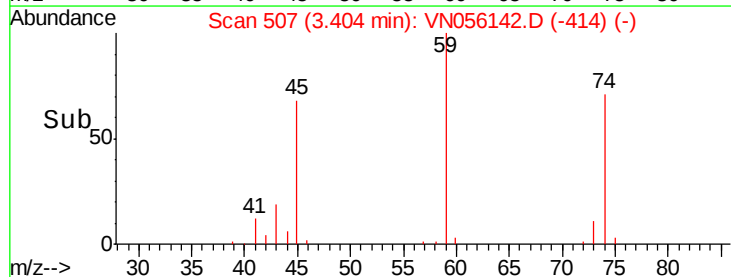
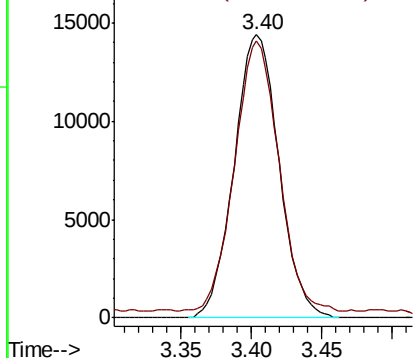
#8

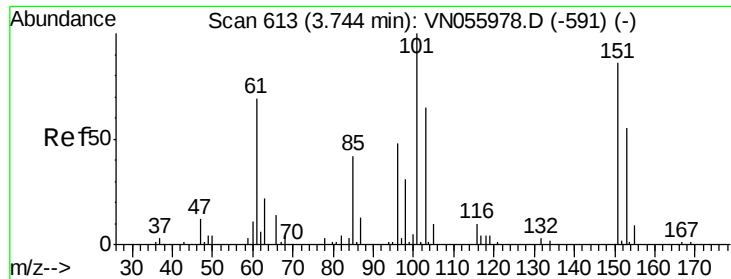
Diethyl Ether
Concen: 20.524 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 74 Resp: 32085
Ion Ratio Lower Upper
74 100
45 93.7 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: 20.622 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampleId :

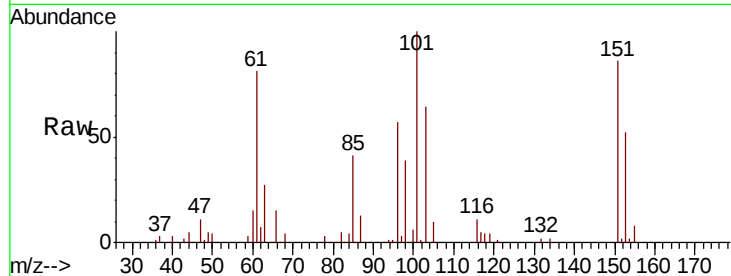
Tot Ion:101 Resp: 47622

Ion Ratio Lower Upper

101 100

85 42.3 33.4 50.2

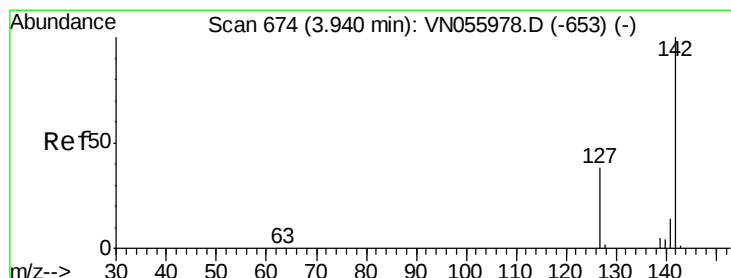
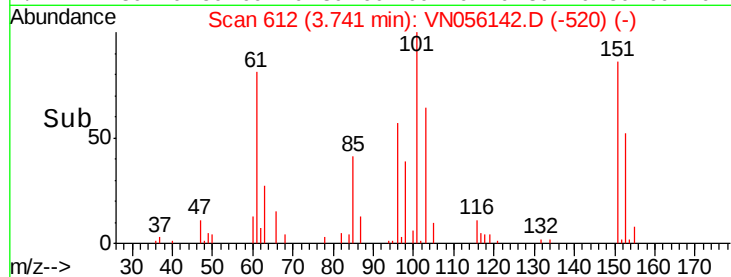
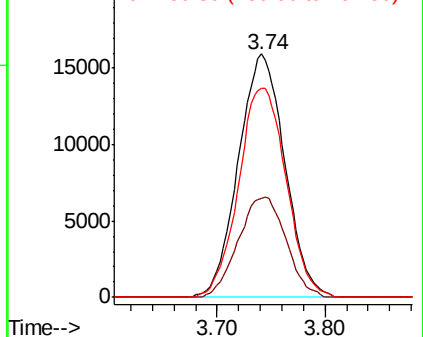
151 88.0 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.588 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

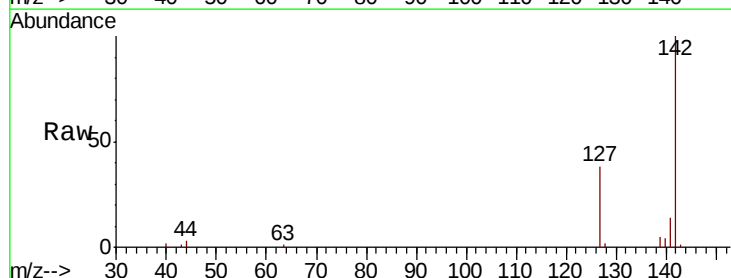
Tgt Ion:142 Resp: 71883

Ion Ratio Lower Upper

142 100

127 37.8 31.0 46.4

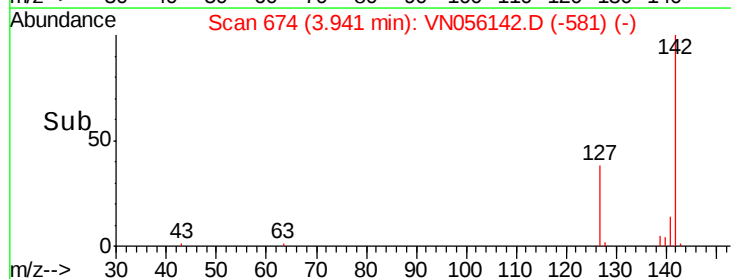
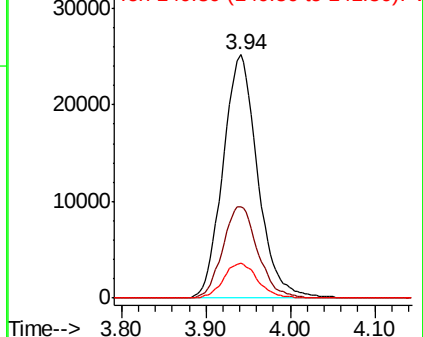
141 14.1 11.4 17.0



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



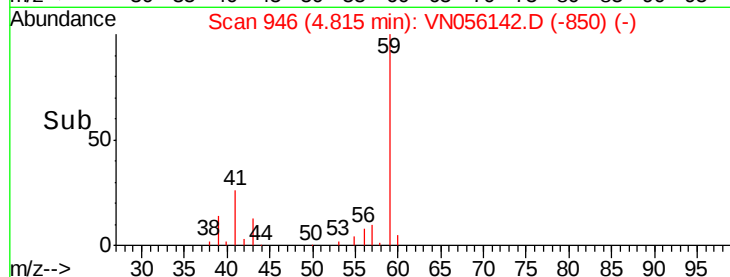
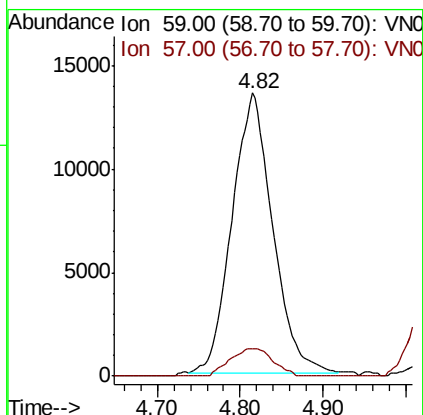
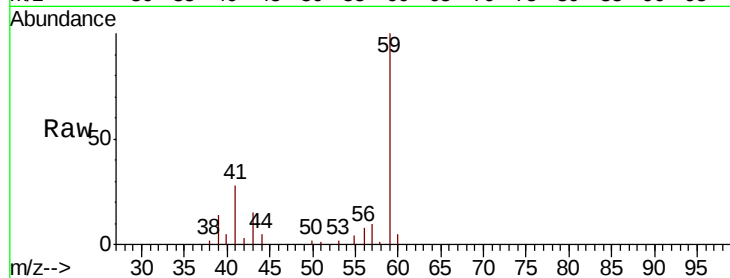


#11

Tert butyl alcohol
 Concen: 96.905 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Instrument :
 MSVOA_N
 ClientSampled :

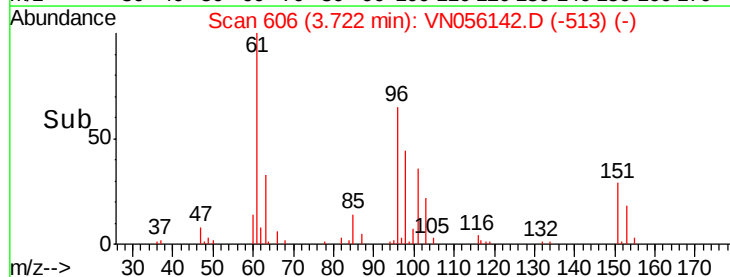
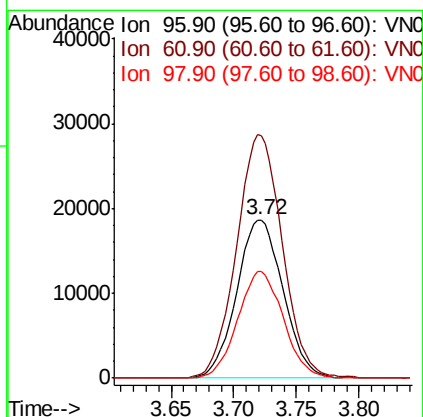
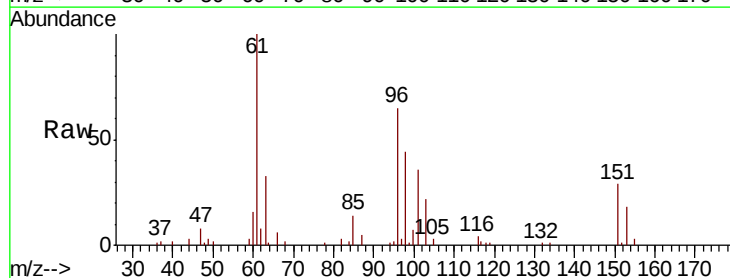
Tot Ion: 59 Resp: 45855
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.8 11.6

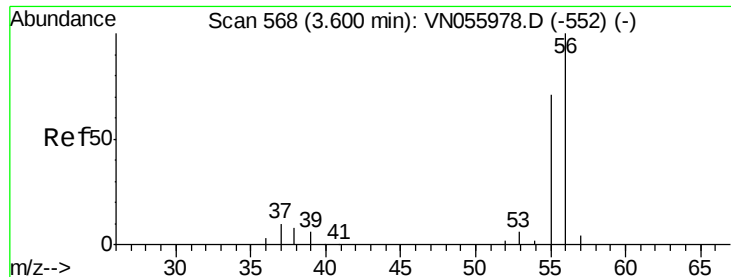


#12

1,1-Dichloroethene
 Concen: 20.824 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion: 96 Resp: 47874
 Ion Ratio Lower Upper
 96 100
 61 153.5 123.2 184.8
 98 67.5 50.4 75.6





#13

Acrolein

Concen: 74.205 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

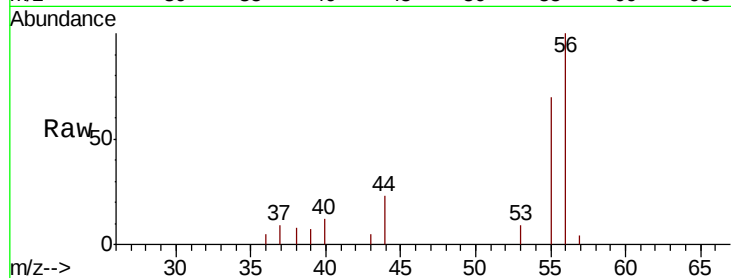
ClientSampleId :

Tot Ion: 56 Resp: 10127

Ion Ratio Lower Upper

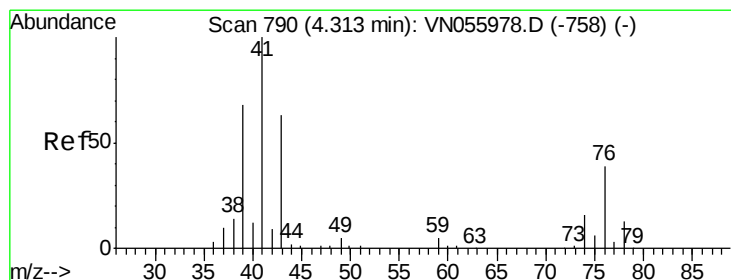
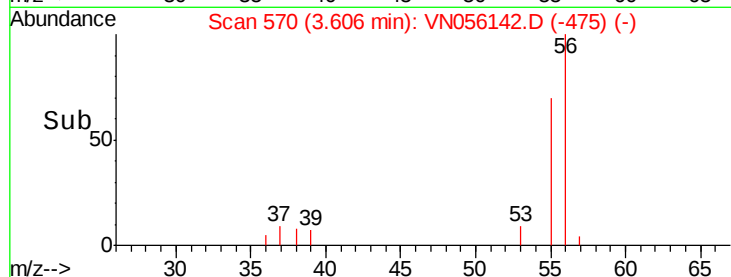
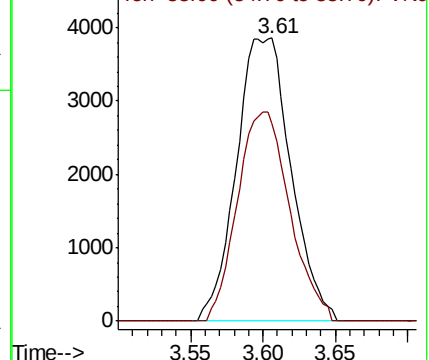
56 100

55 70.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.856 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

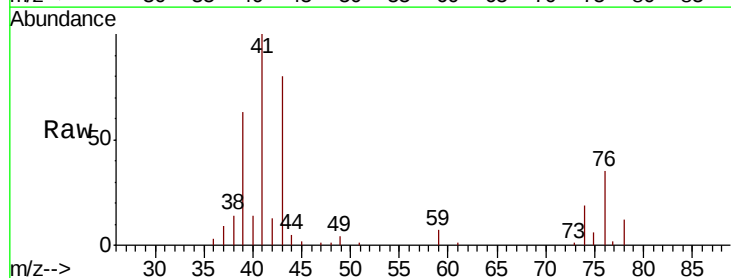
Tgt Ion: 41 Resp: 68451

Ion Ratio Lower Upper

41 100

39 60.8 50.0 75.0

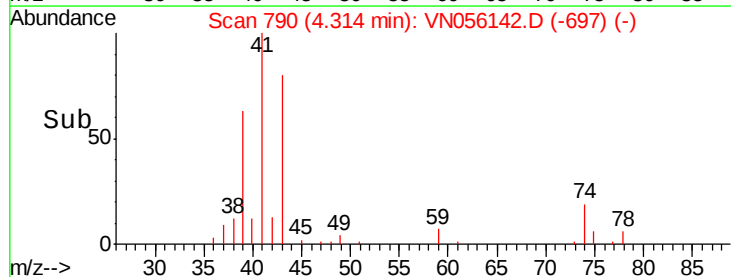
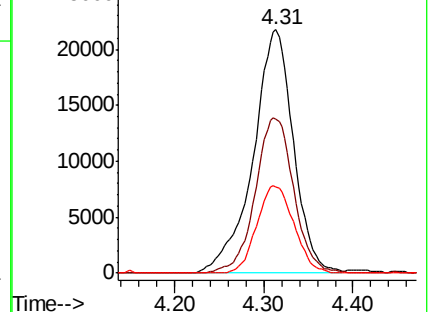
76 32.9 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



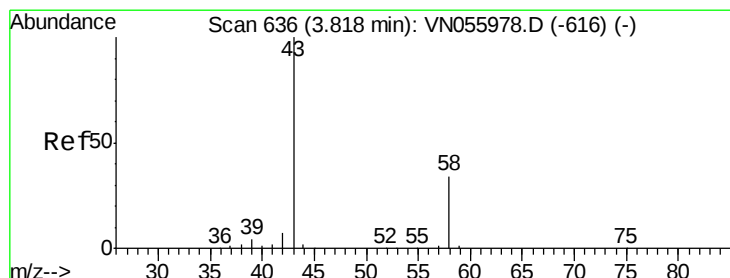
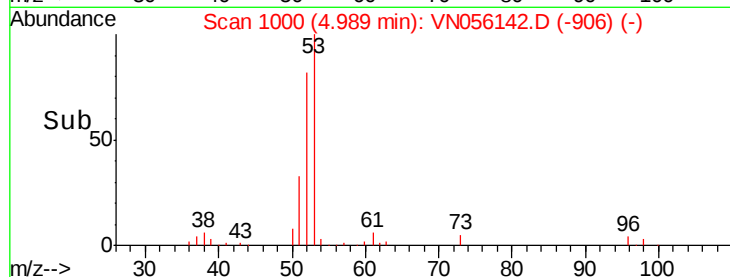
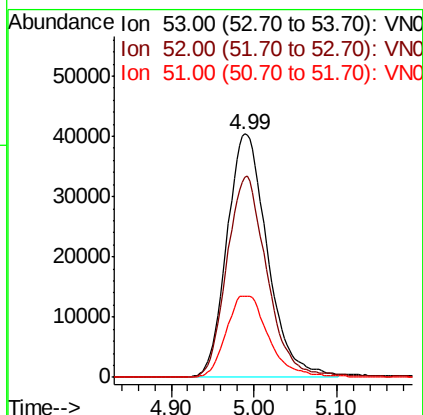
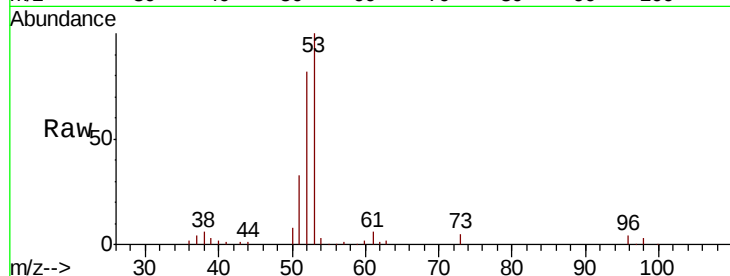


#15
 Acrylonitrile
 Concen: 119.335 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 53 Resp: 137461

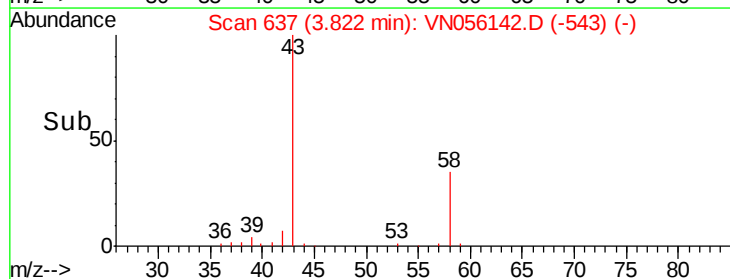
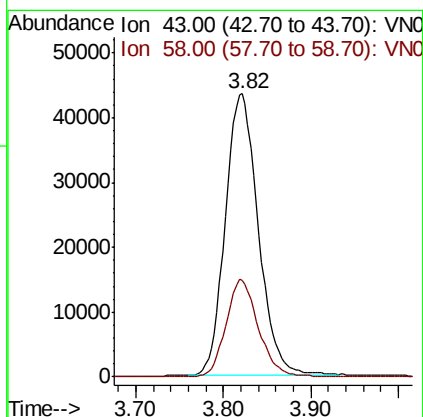
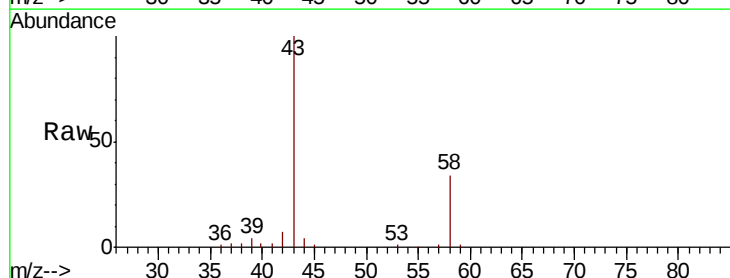
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.8	98.8
51	35.0	28.2	42.4

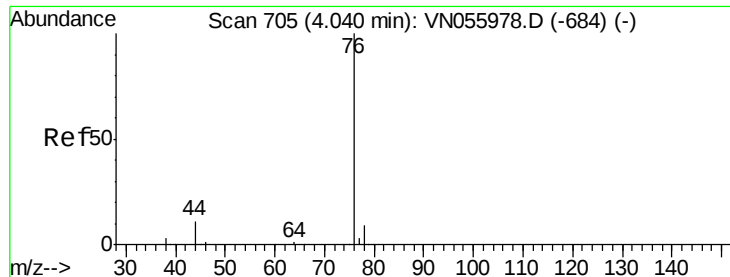


#16
 Acetone
 Concen: 87.348 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion: 43 Resp: 113596

Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.6	39.8

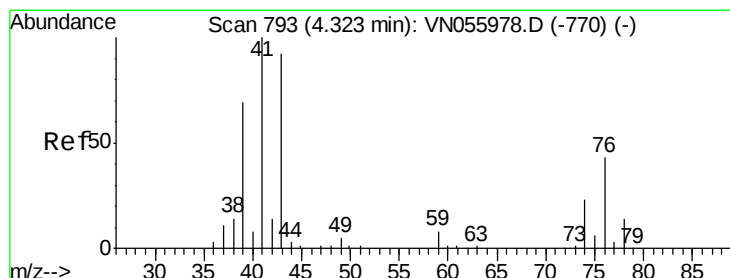
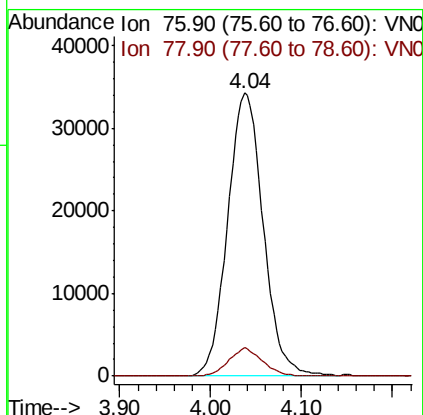
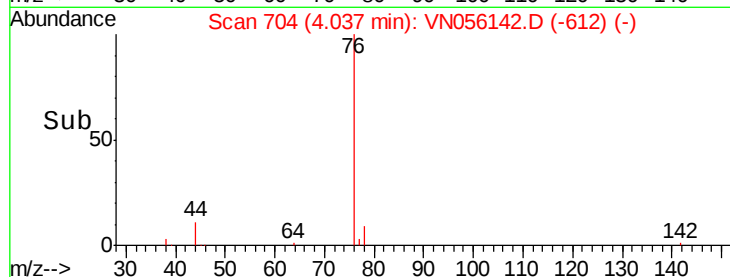
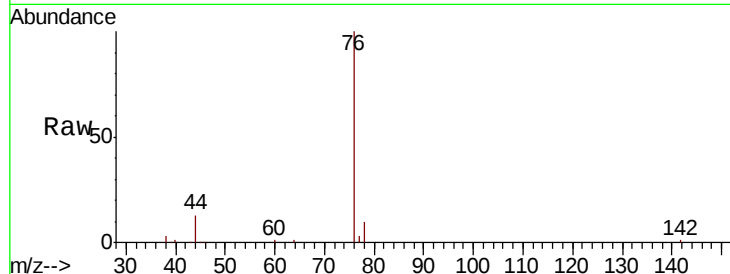




#17
Carbon Disulfide
Concen: 16.900 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

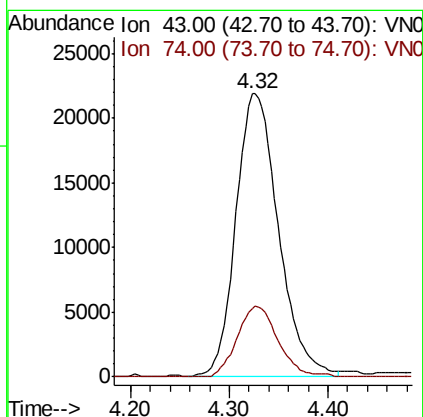
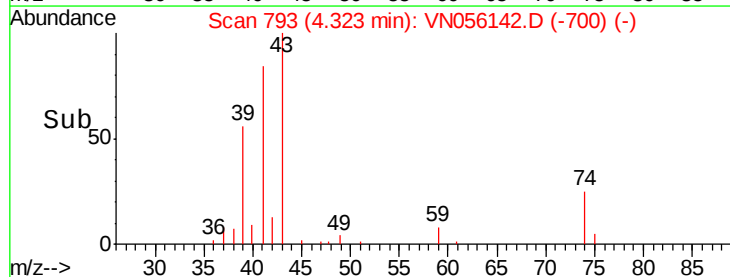
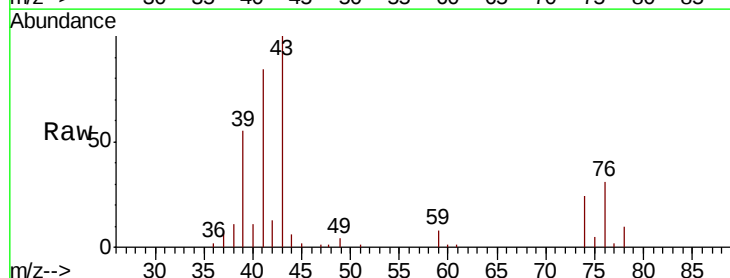
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 93026
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#18
Methyl Acetate
Concen: 25.414 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 43 Resp: 65648
Ion Ratio Lower Upper
43 100
74 23.9 19.3 28.9

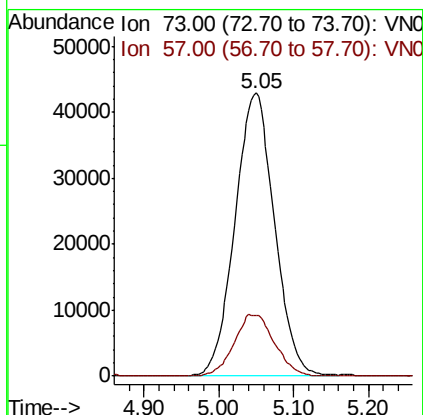
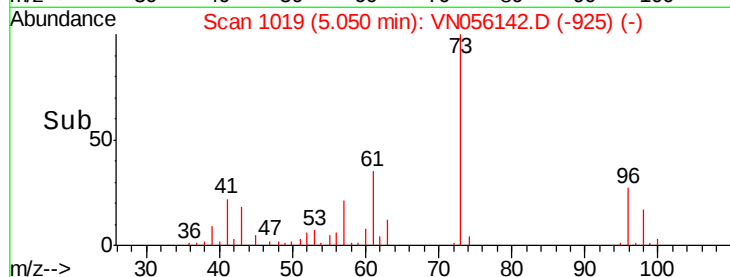
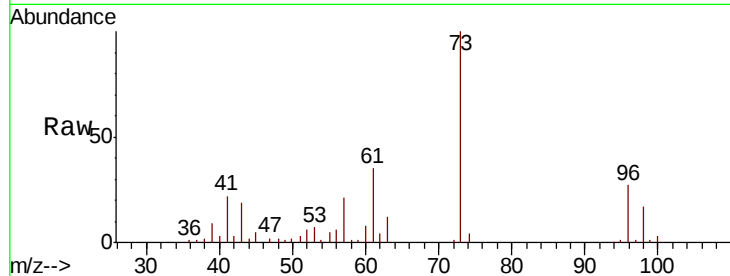




#19
Methvl tert-butvl Ether
Concen: 21.507 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

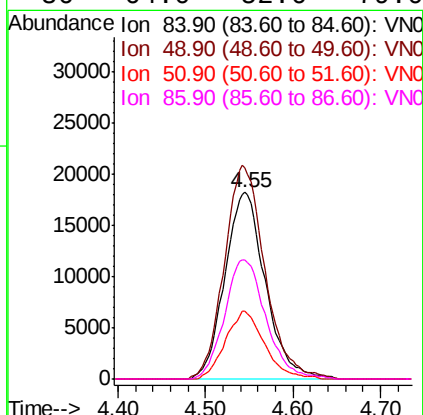
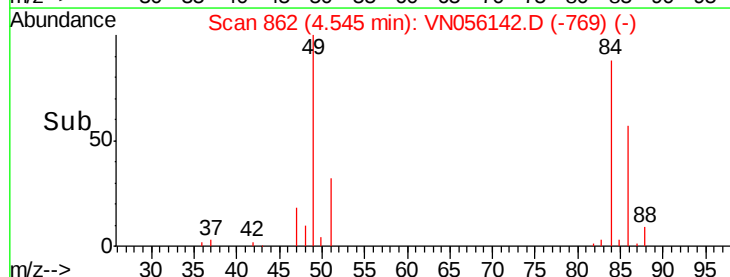
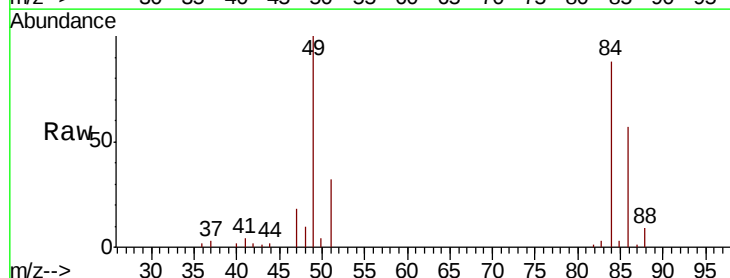
Instrument :
MSVOA_N
ClientSampled :

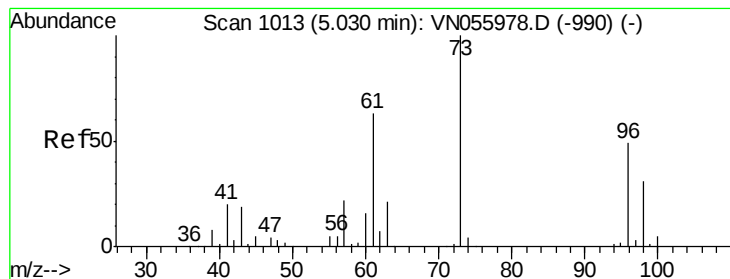
Tot Ion: 73 Resp: 157603
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.8



#20
Methylene Chloride
Concen: 21.842 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 84 Resp: 58523
Ion Ratio Lower Upper
84 100
49 113.3 93.5 140.3
51 36.5 28.6 43.0
86 64.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.858 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

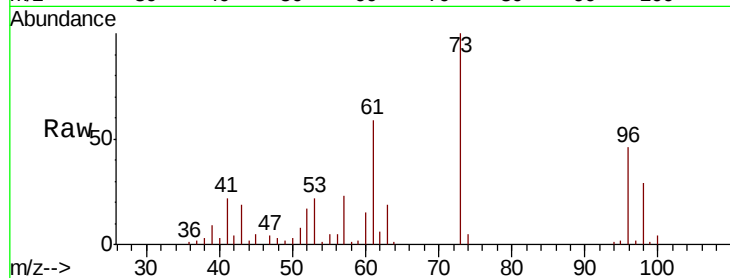
Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 51378

Ion	Ratio	Lower	Upper
96	100		
61	129.8	107.8	161.8
98	62.9	49.8	74.8

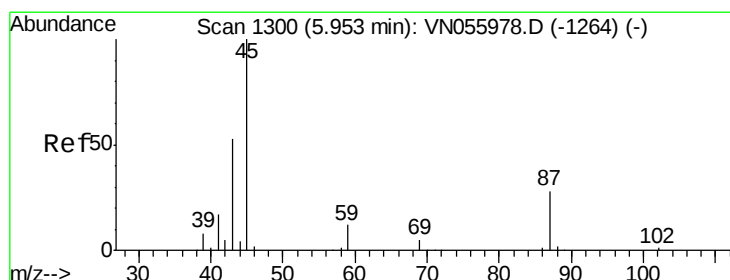
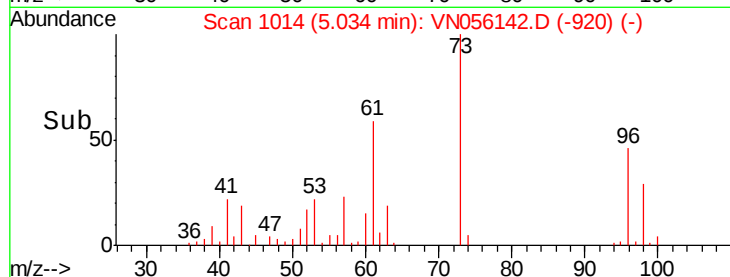
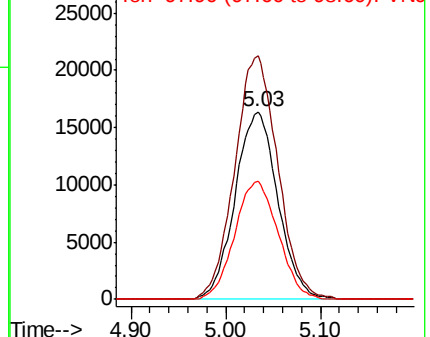


Abundance

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: 21.777 ug/l

RT: 5.95 min Scan# 1300

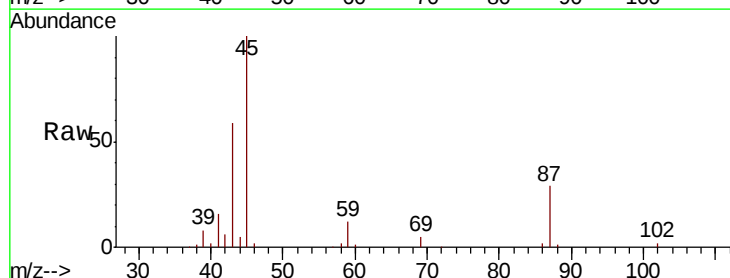
Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Tgt Ion: 45 Resp: 163417

Ion	Ratio	Lower	Upper
45	100		
43	56.8	45.0	67.6
87	28.6	22.2	33.4
59	12.3	9.1	13.7



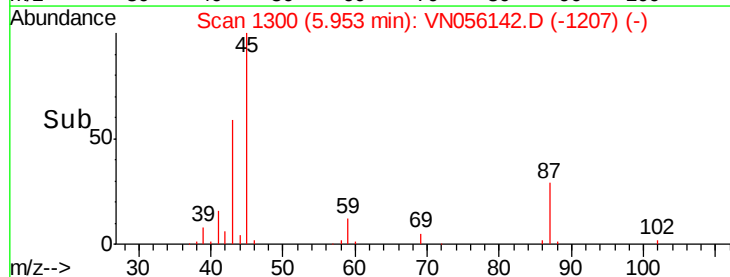
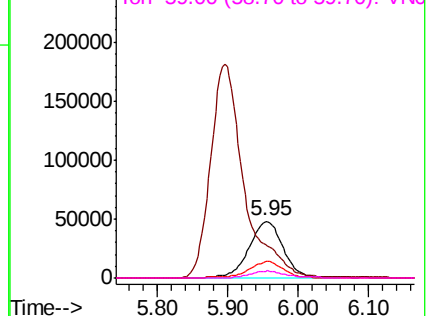
Abundance

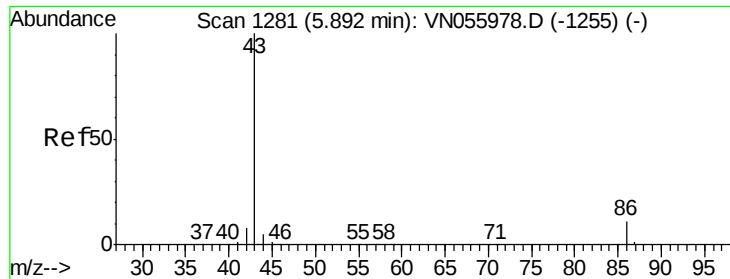
Ion 45.00 (44.70 to 45.70): VN0

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

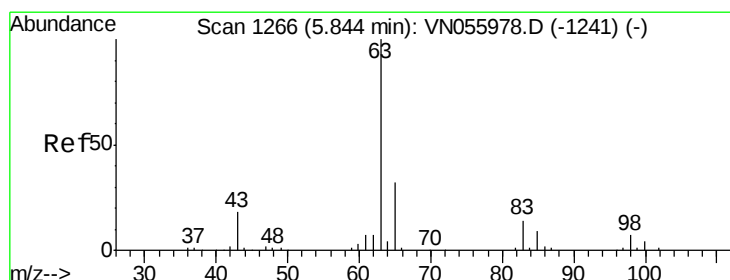
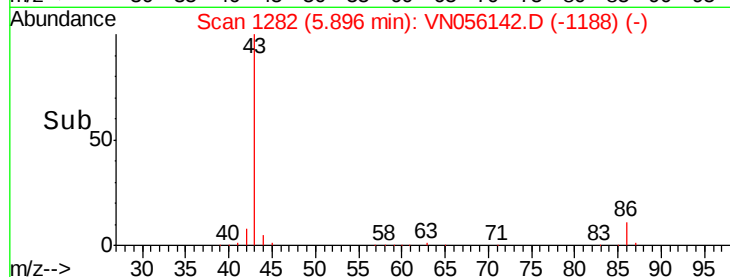
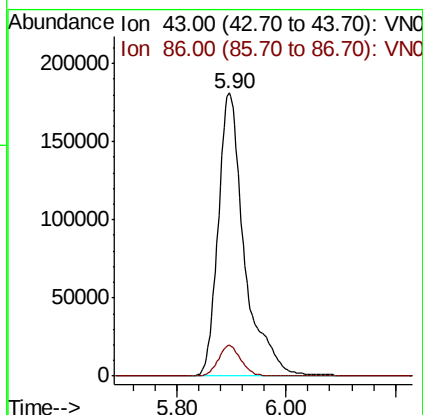
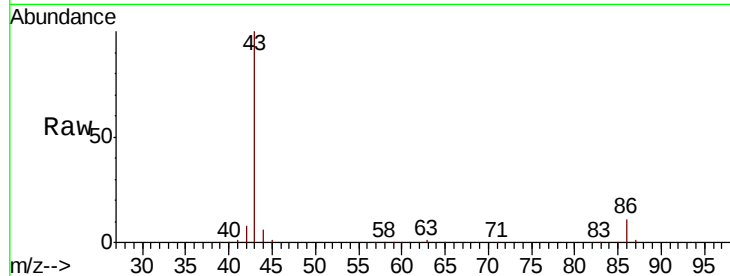




#23
 Vinyl Acetate
 Concen: 102.422 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

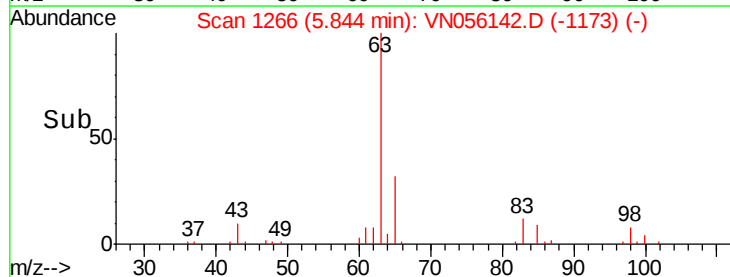
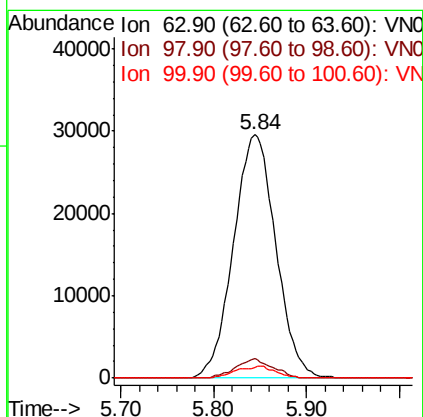
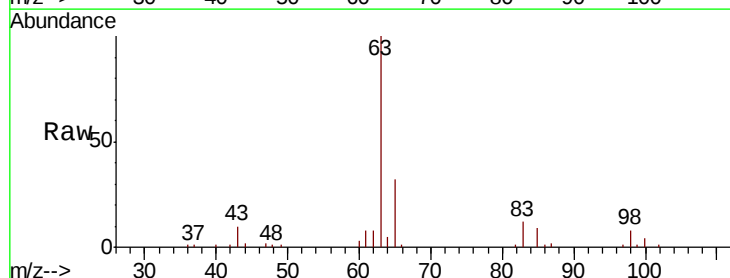
Instrument :
 MSVOA_N
 ClientSampleId :

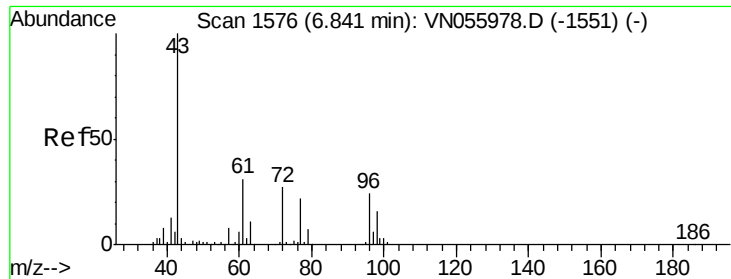
Tot Ion: 43 Resp: 605273
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.628 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion: 63 Resp: 93622
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.1
 100 4.4 2.2 6.6

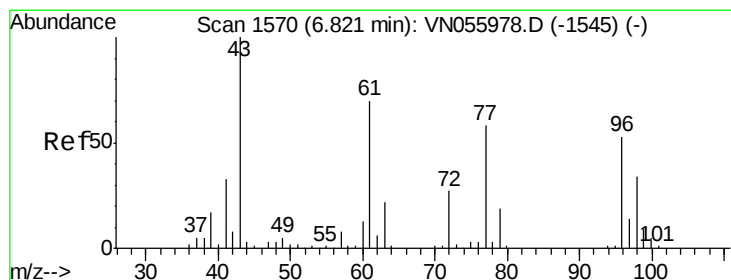
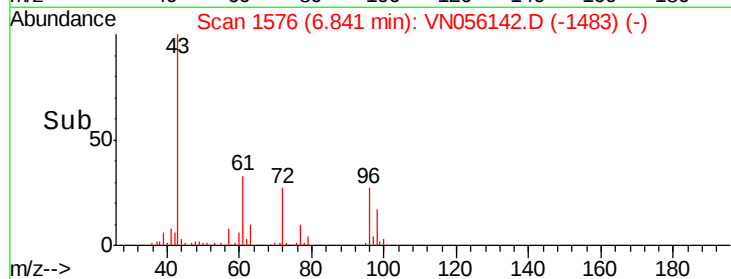
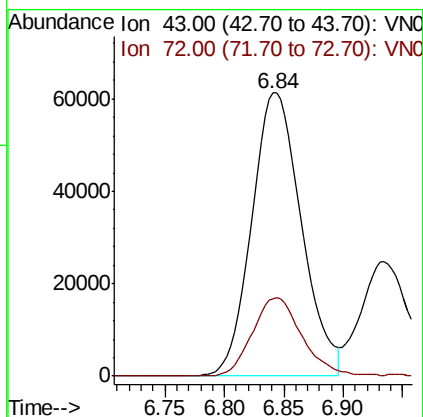
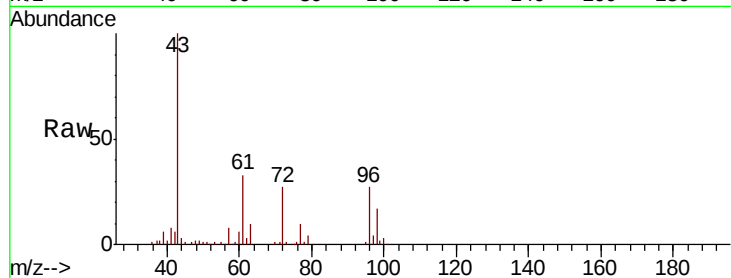




#25
2-Butanone
Concen: 108.162 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

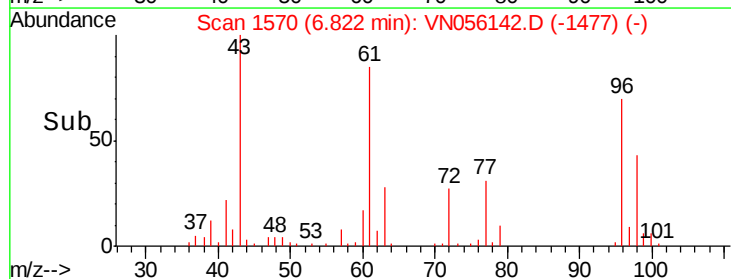
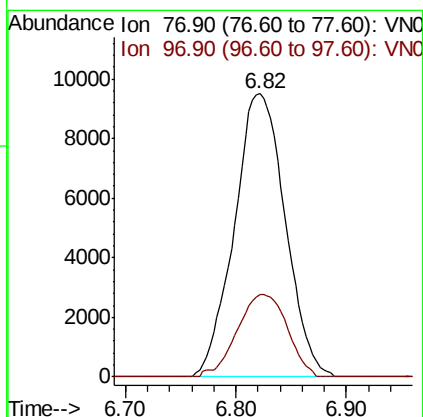
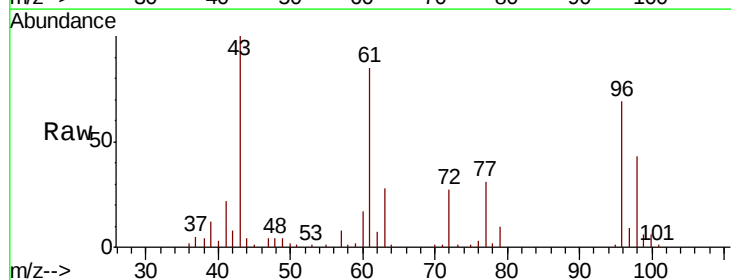
Instrument :
MSVOA_N
ClientSampleId :

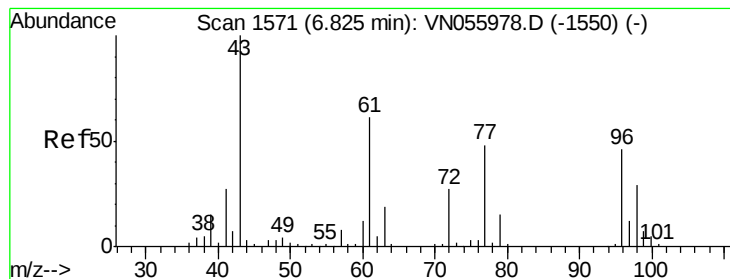
Tot Ion: 43 Resp: 177725
Ion Ratio Lower Upper
43 100
72 27.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 8.997 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 77 Resp: 30390
Ion Ratio Lower Upper
77 100
97 28.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 21.493 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampled :

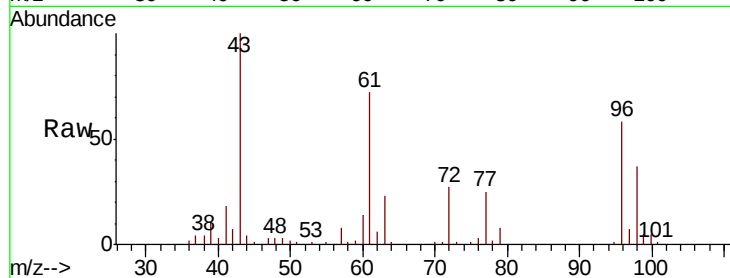
Tot Ion: 96 Resp: 62233

Ion Ratio Lower Upper

96 100

61 125.5 0.0 275.8

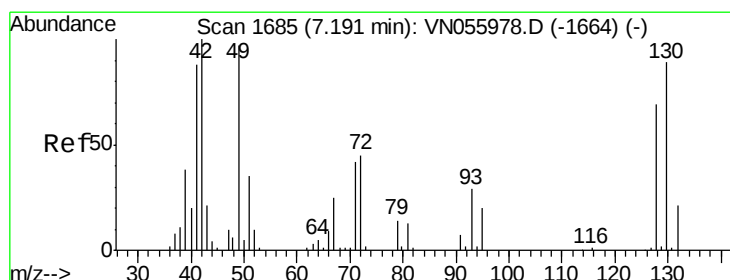
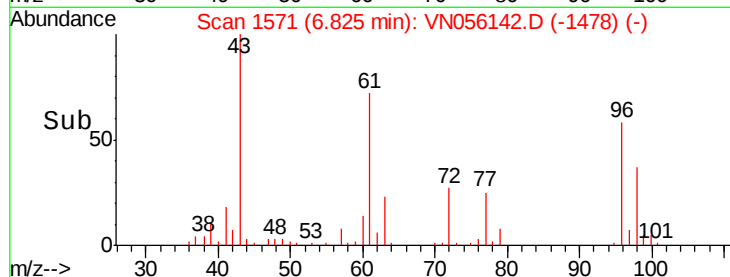
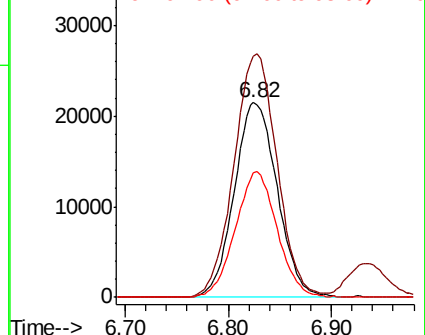
98 62.6 0.0 128.4



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: 22.463 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

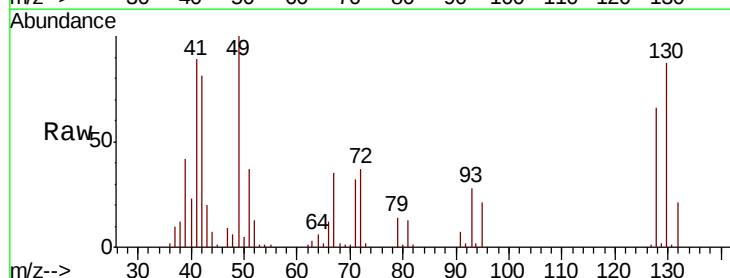
Tgt Ion: 49 Resp: 45982

Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.4

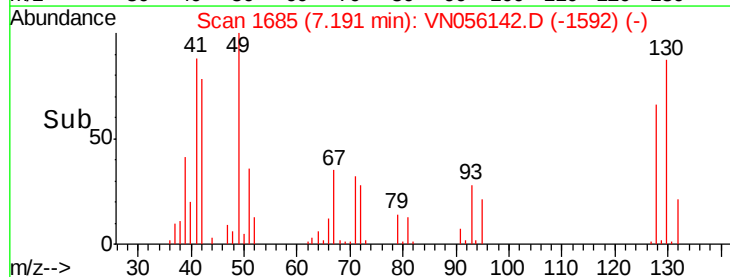
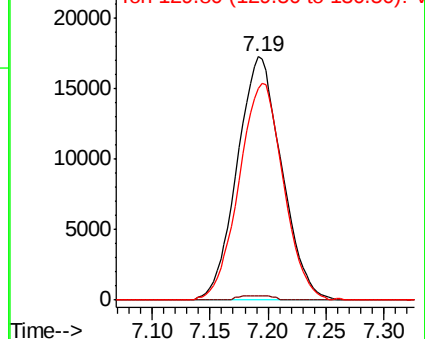
130 88.6 71.2 106.8

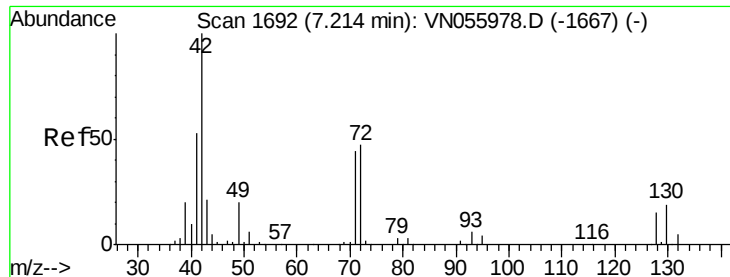


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

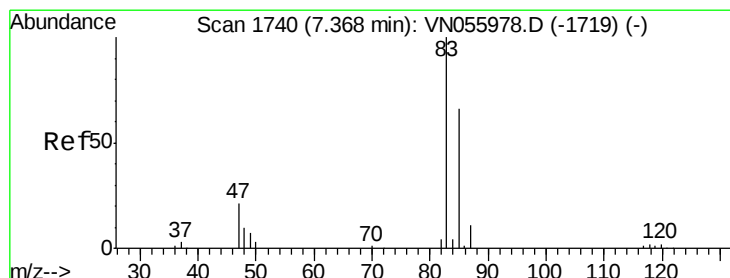
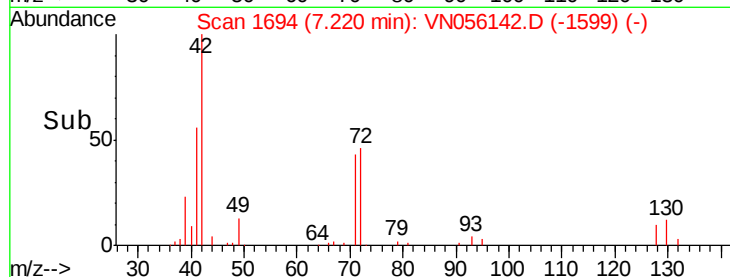
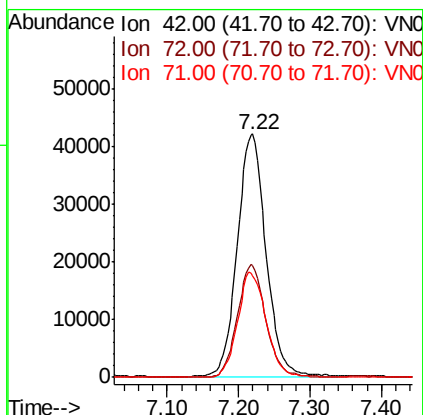
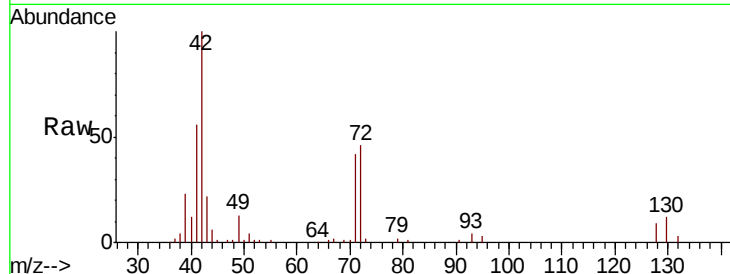




#29
Tetrahydrofuran
Concen: 118.138 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

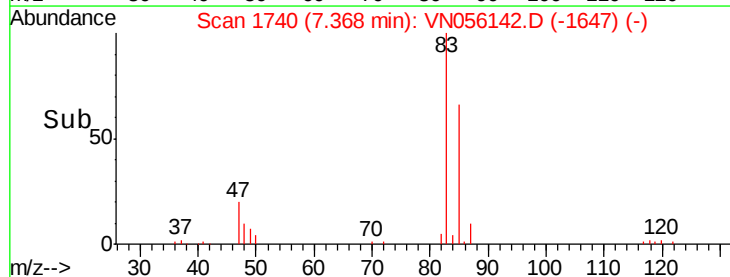
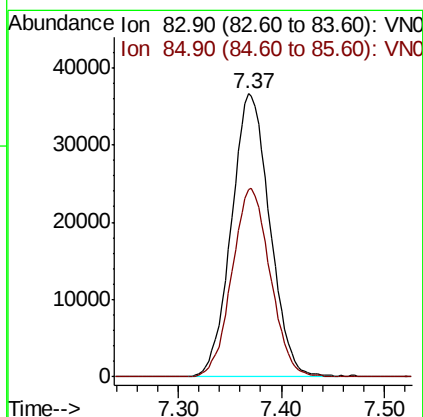
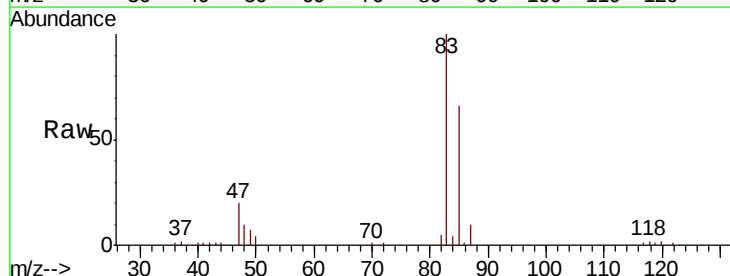
Instrument :
MSVOA_N
ClientSampled :

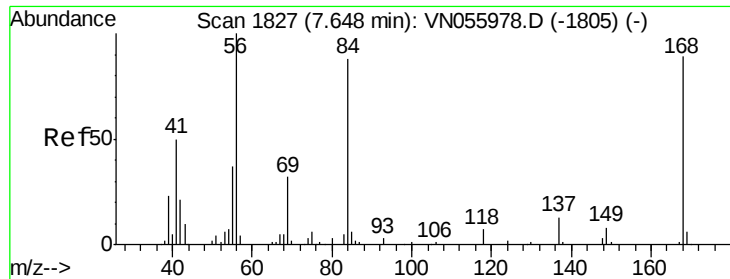
Tot Ion: 42 Resp: 119991
Ion Ratio Lower Upper
42 100
72 44.9 35.9 53.9
71 42.3 34.0 51.0



#30
Chloroform
Concen: 21.738 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 83 Resp: 94658
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.8

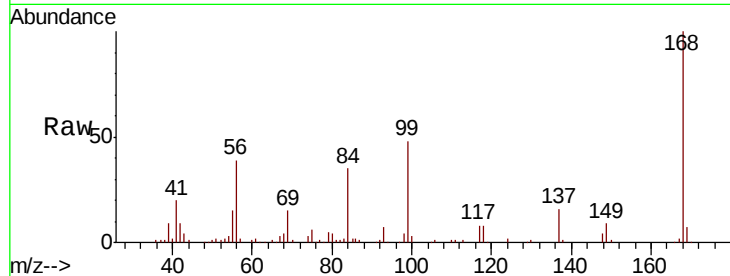




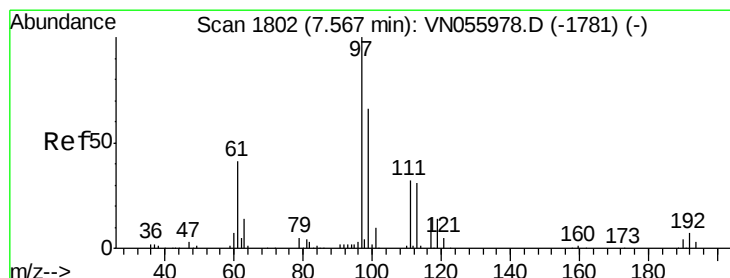
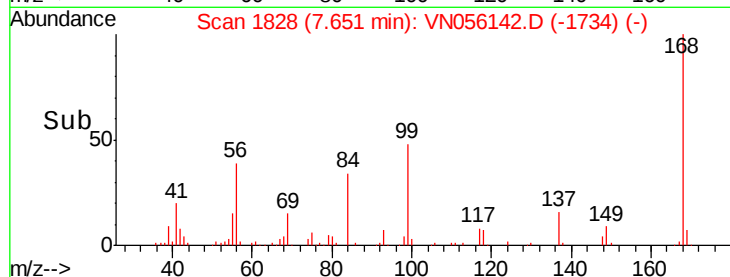
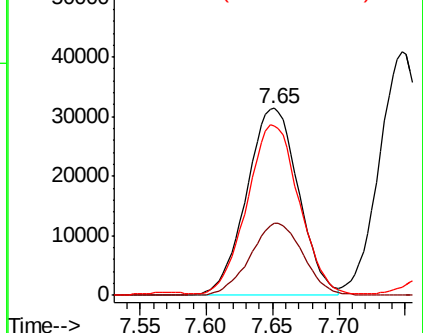
#31
Cyclohexane
Concen: 19.939 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 86030
Ion Ratio Lower Upper
56 100
69 38.3 25.6 38.4
84 90.0 67.4 101.0

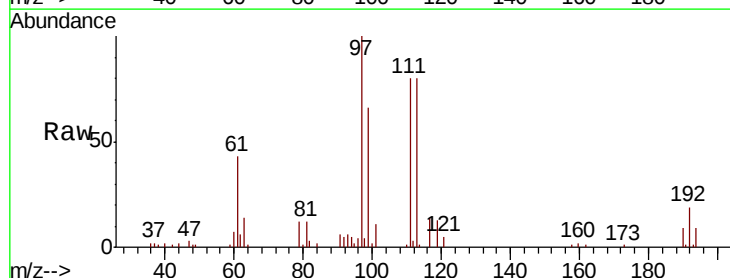


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

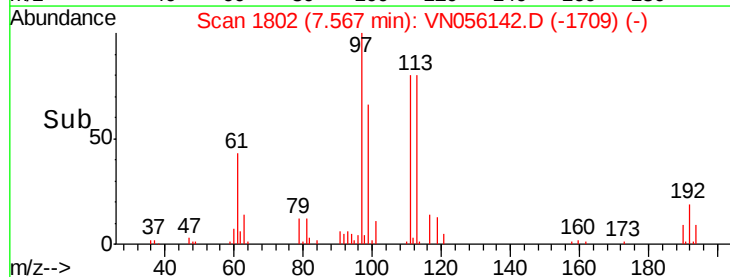
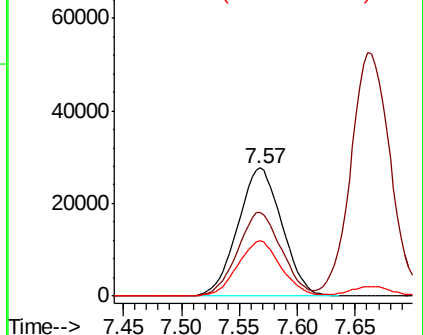


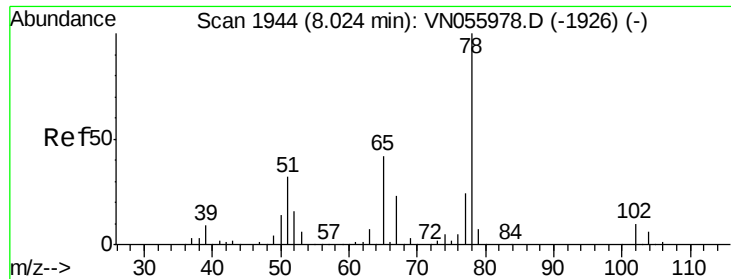
#32
1,1,1-Trichloroethane
Concen: 20.197 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 97 Resp: 73443
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 42.2 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

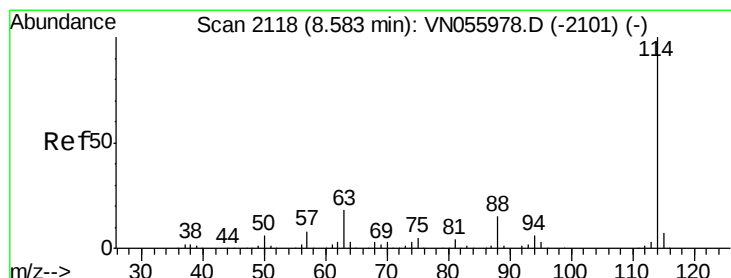
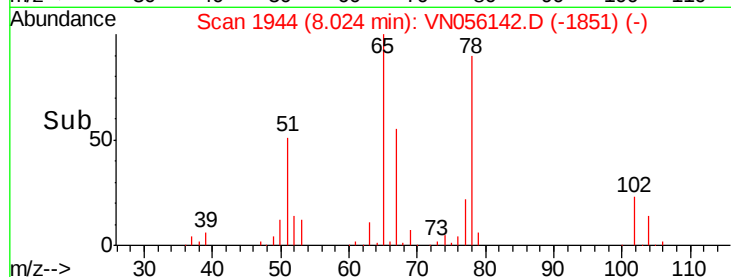
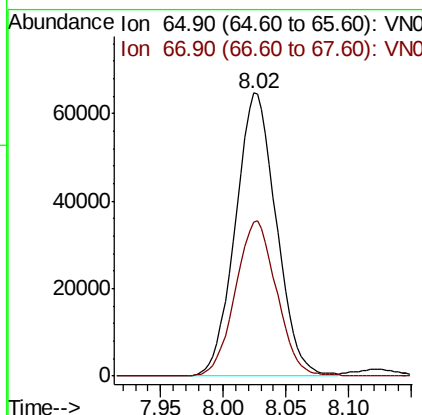
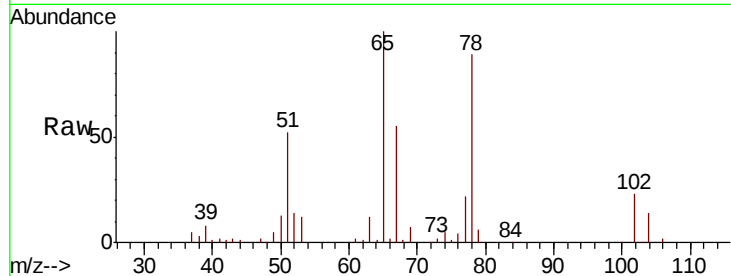




#33
 1,2-Dichloroethane-d4
 Concen: 53.954 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

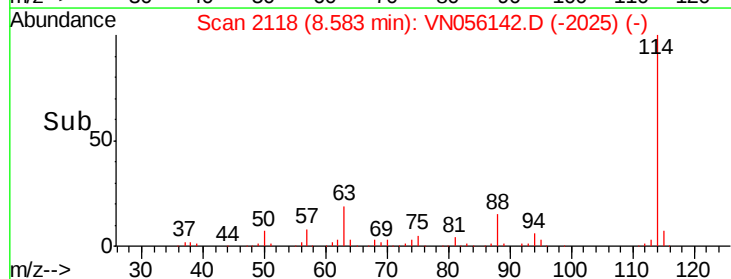
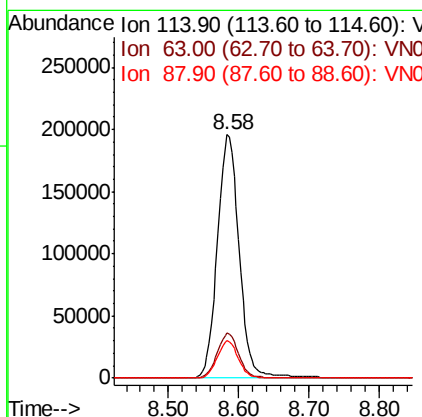
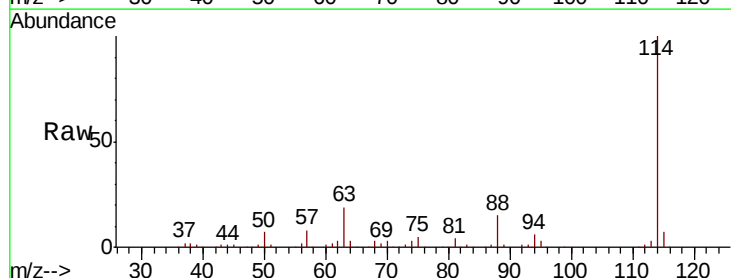
Instrument :
 MSVOA_N
 ClientSampleId :

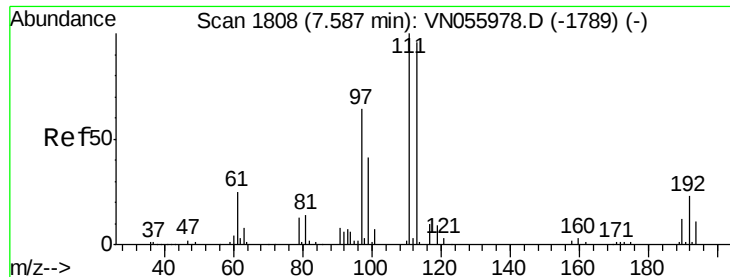
Tot Ion: 65 Resp: 146711
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion: 114 Resp: 423663
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.2 0.0 31.0

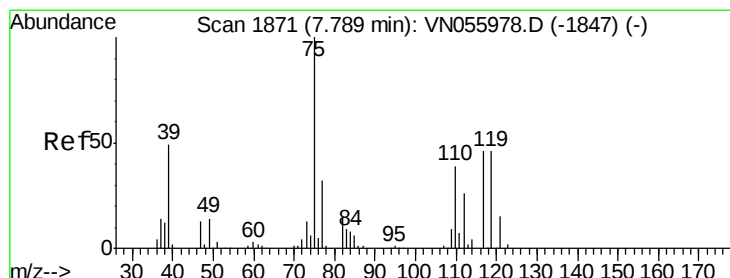
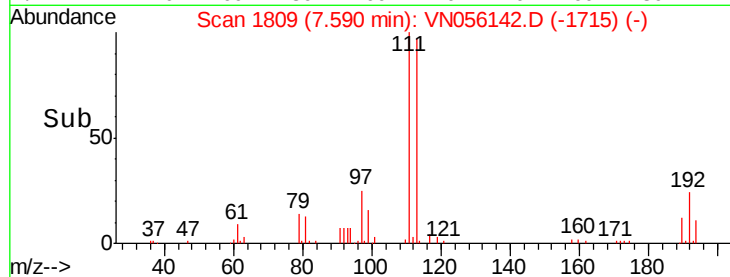
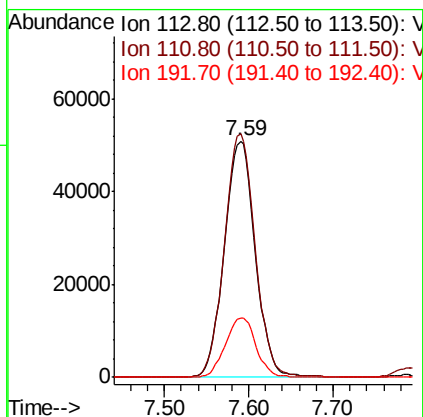
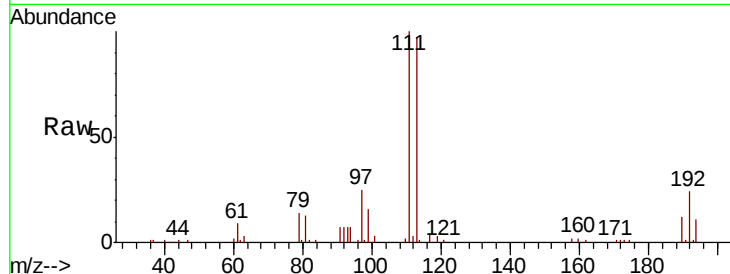




#35
 Dibromofluoromethane
 Concen: 49.981 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

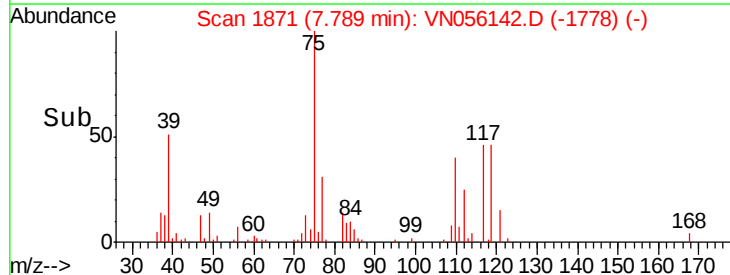
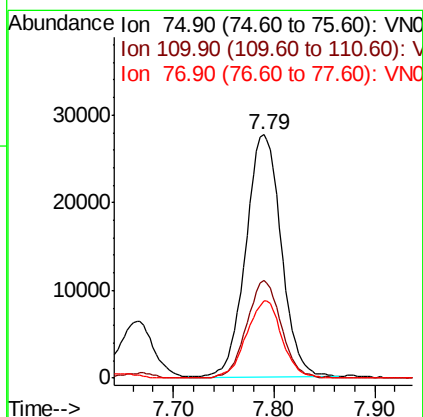
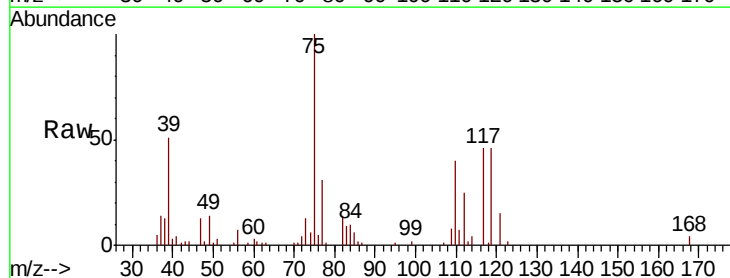
Instrument :
 MSVOA_N
 ClientSampleId :

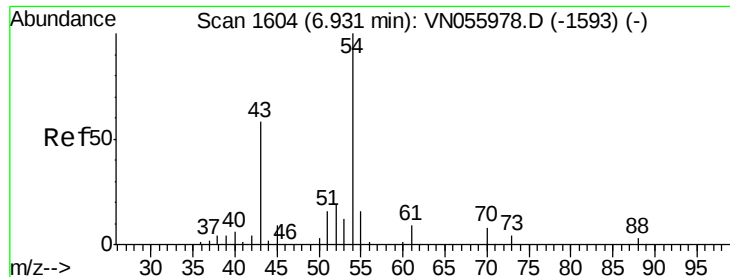
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	24.8	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 18.461 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.0	57.0
77	32.0	25.1	37.7

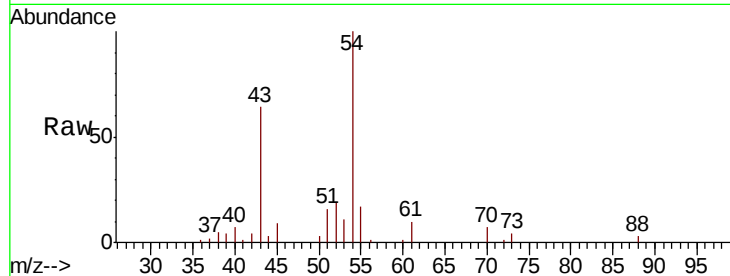




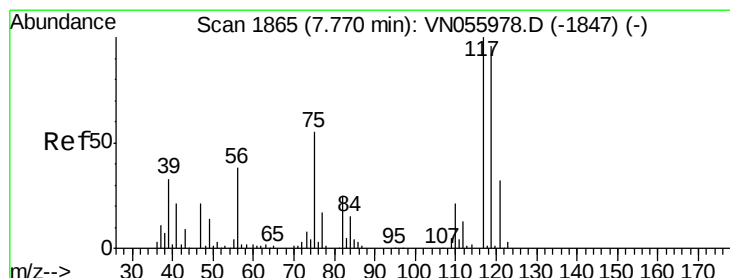
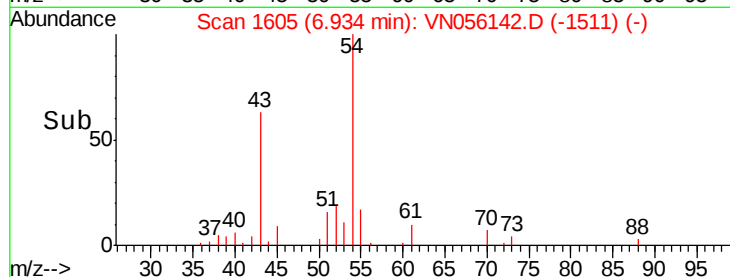
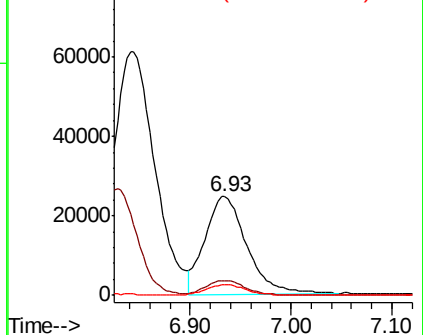
#37
Ethyl Acetate
Concen: 21.747 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 70490
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.2
70 10.6 8.9 13.3

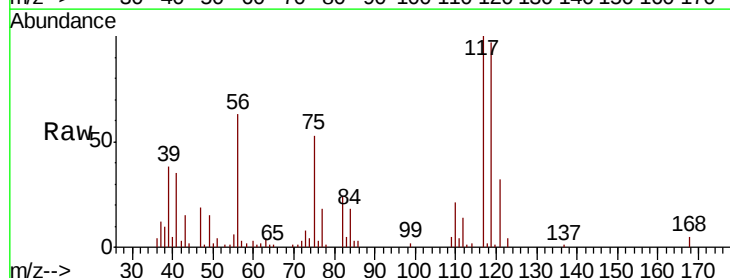


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

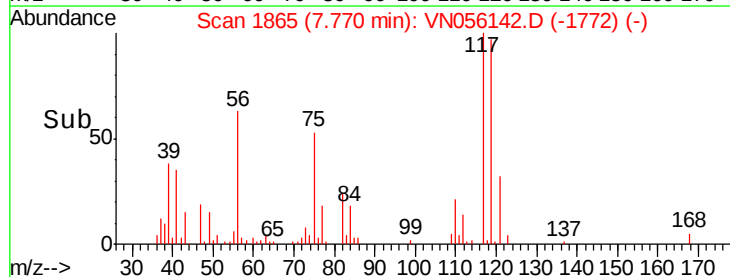
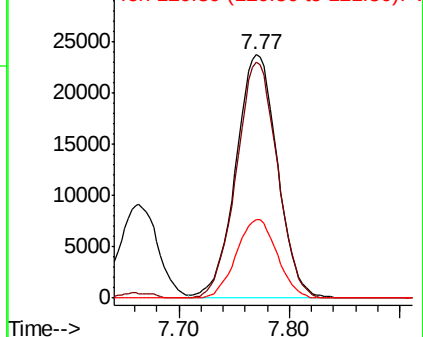


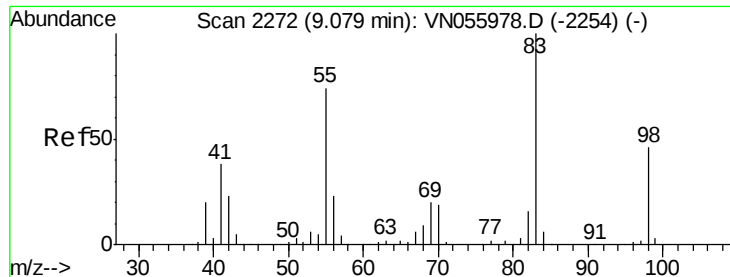
#38
Carbon Tetrachloride
Concen: 18.498 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 117 Resp: 62127
Ion Ratio Lower Upper
117 100
119 96.8 79.0 118.6
121 32.1 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

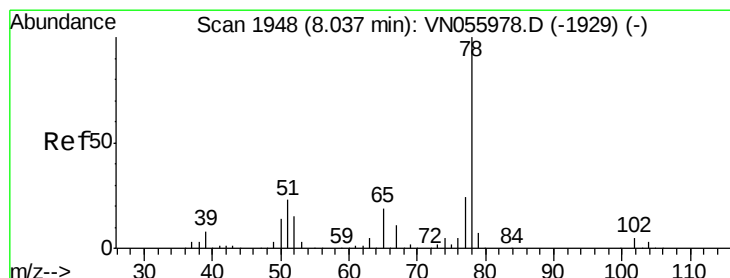
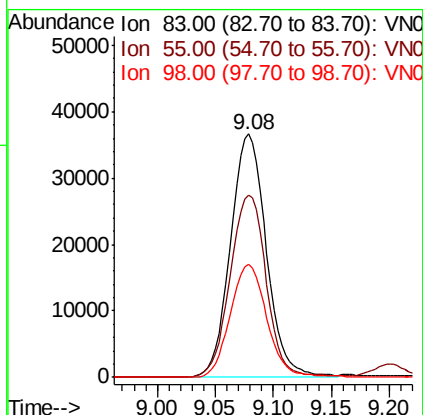
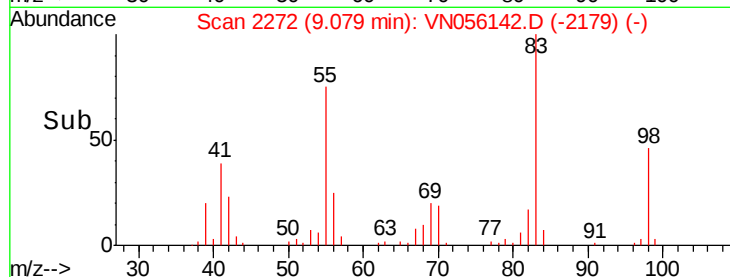
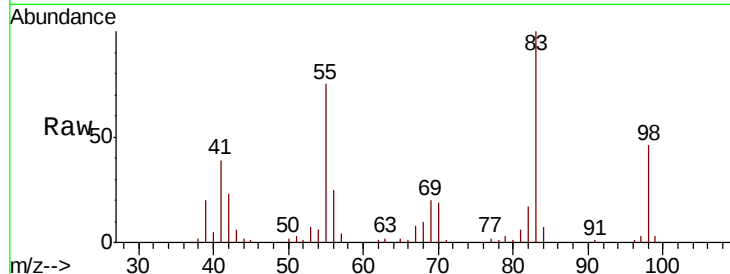




#39
Methvlcvclohexane
Concen: 17.341 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

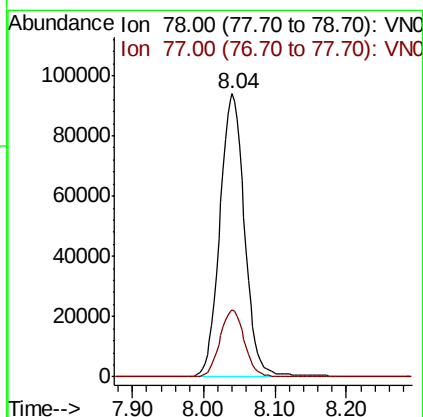
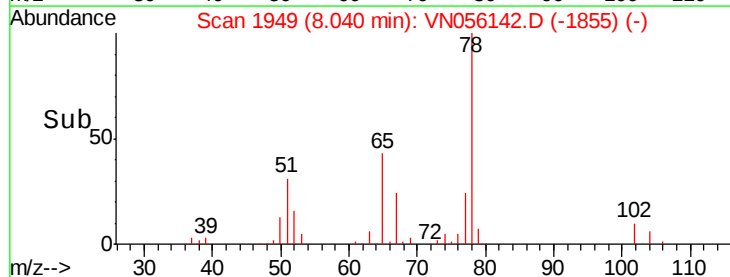
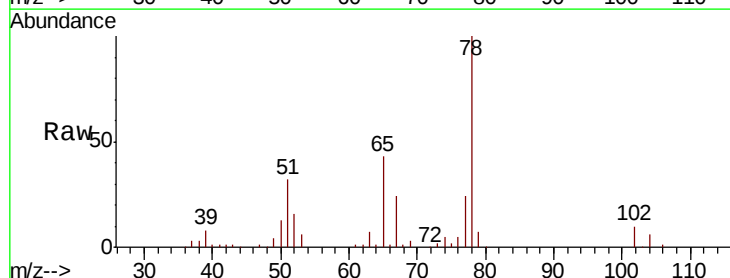
Instrument :
MSVOA_N
ClientSampled :

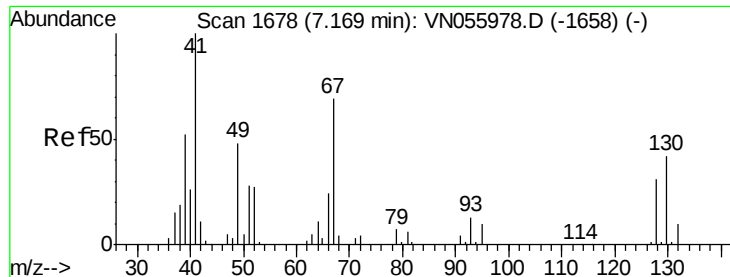
Tot Ion: 83 Resp: 78692
Ion Ratio Lower Upper
83 100
55 75.0 59.3 88.9
98 46.4 36.6 54.8



#40
Benzene
Concen: 20.457 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 78 Resp: 226347
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

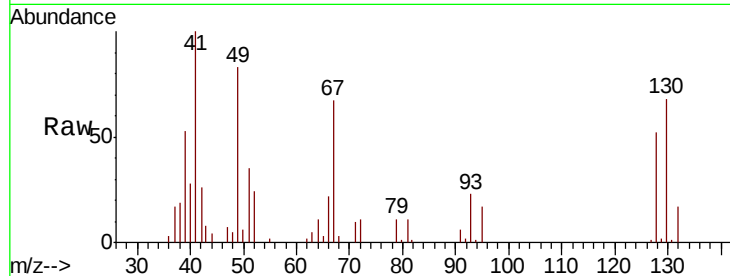




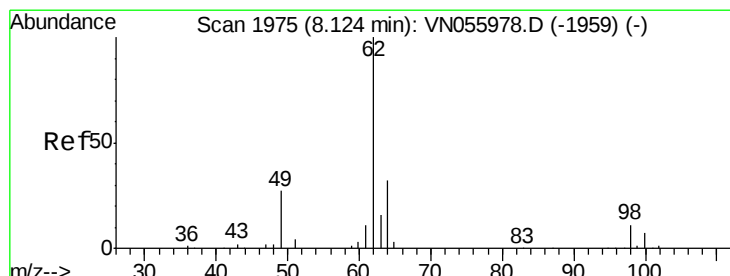
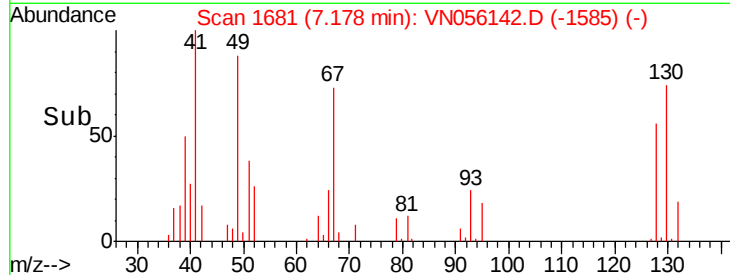
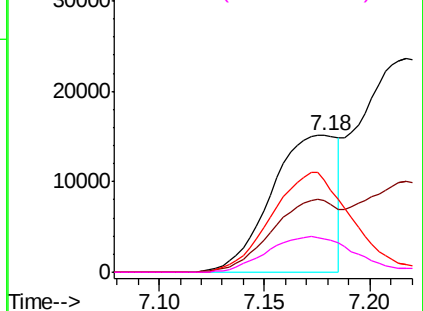
#41
Methacrylonitrile
Concen: 22.146 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 33026
Ion Ratio Lower Upper
41 100
39 55.6 45.6 68.4
67 89.8 67.7 101.5
52 34.8 26.6 40.0

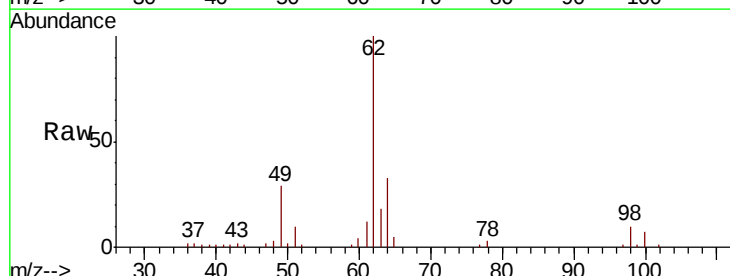


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

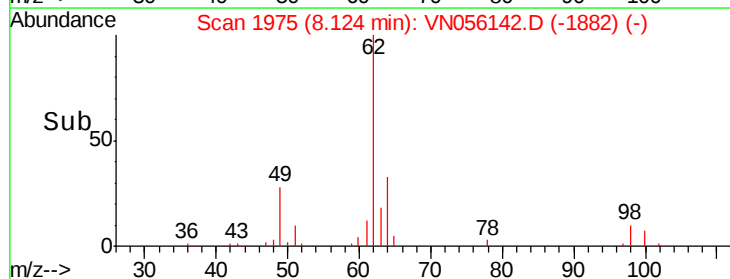
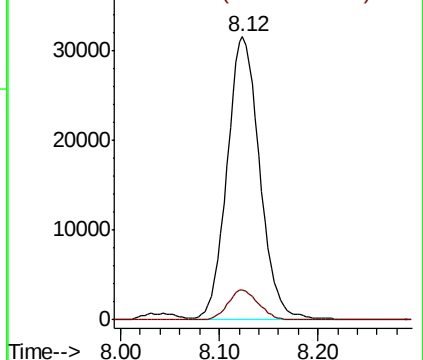


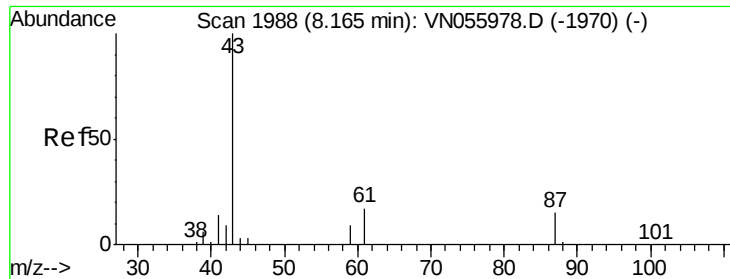
#42
1,2-Dichloroethane
Concen: 20.526 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 62 Resp: 73052
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2



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



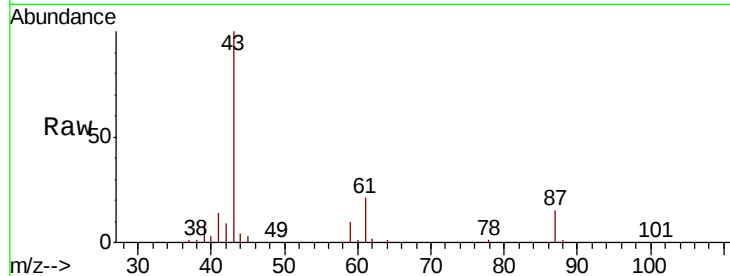


#43

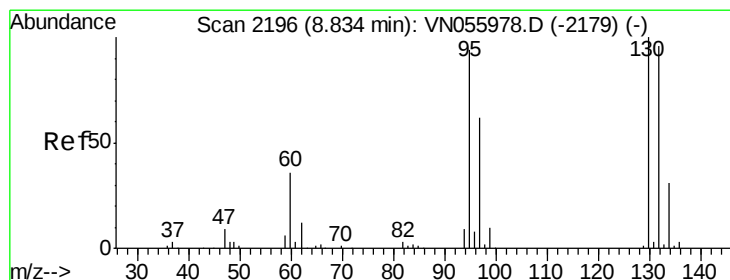
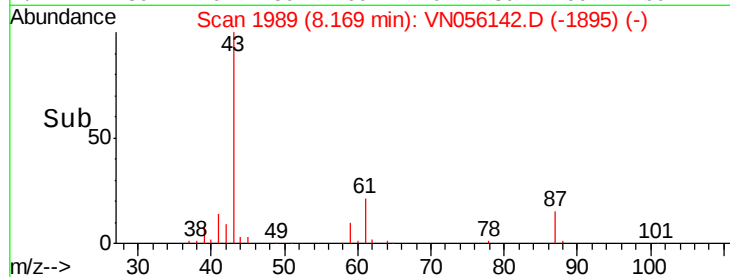
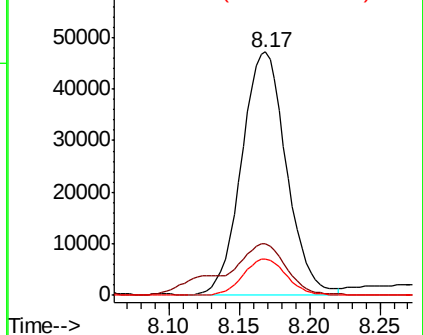
Isopropyl Acetate
 Concen: 19.860 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 104315
 Ion Ratio Lower Upper
 43 100
 61 29.8 22.2 33.4
 87 14.5 11.4 17.2



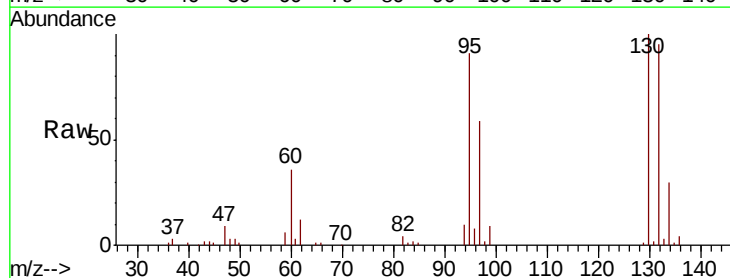
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



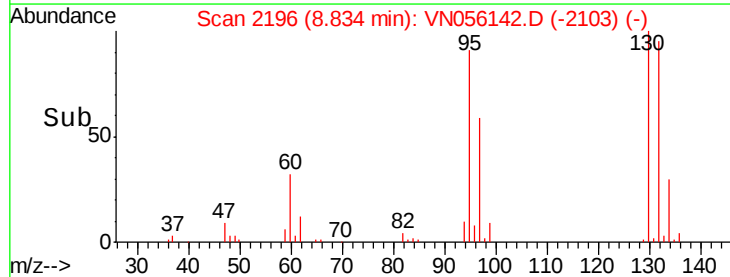
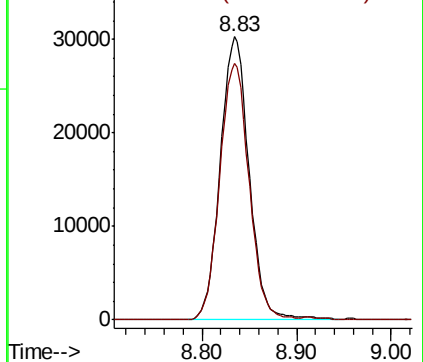
#44

Trichloroethene
 Concen: 20.191 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion: 130 Resp: 64194
 Ion Ratio Lower Upper
 130 100
 95 90.8 0.0 188.0



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

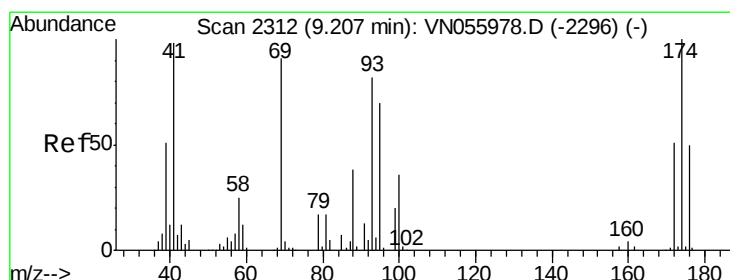
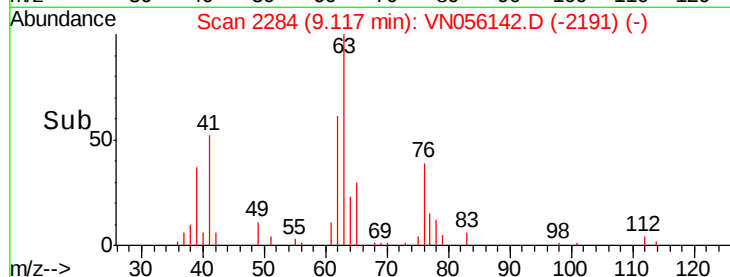
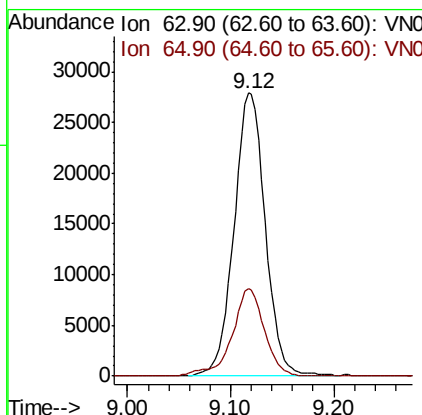
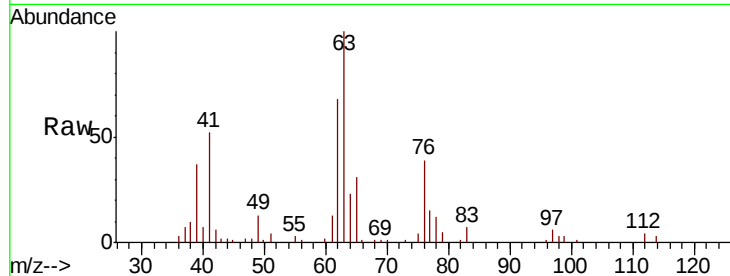




#45
 1,2-Dichloropropane
 Concen: 20.776 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

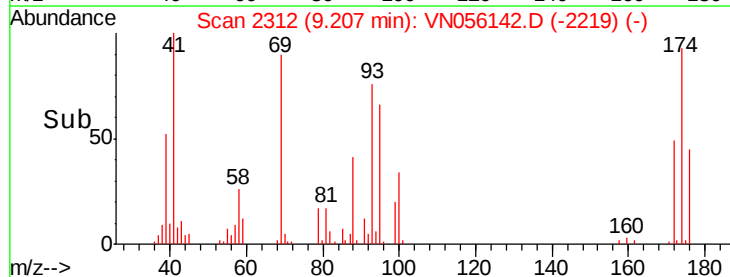
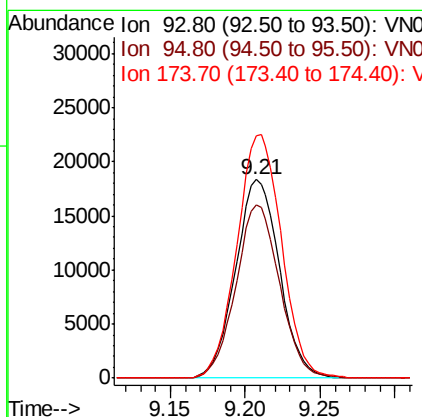
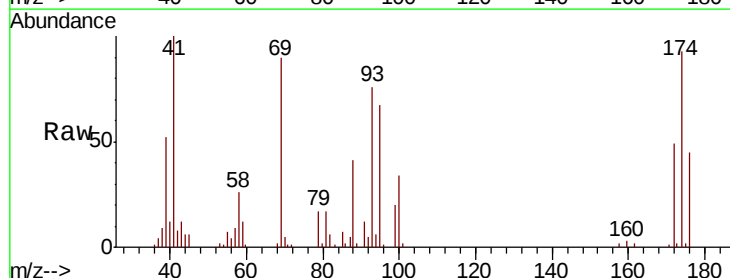
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 58879
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 20.252 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion: 93 Resp: 37532
 Ion Ratio Lower Upper
 93 100
 95 86.9 66.7 100.1
 174 124.6 96.4 144.6





#47

Bromodichloromethane

Concen: 19.017 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampleId :

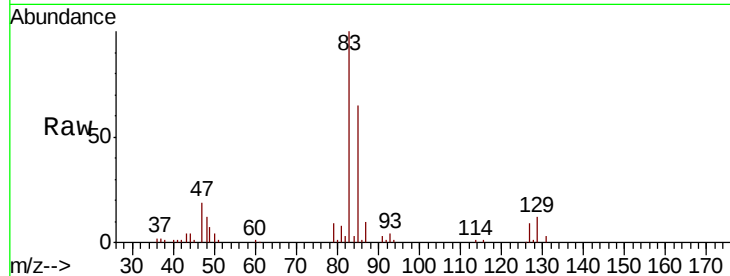
Tot Ion: 83 Resp: 63874

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.2

127 9.3 7.4 11.0

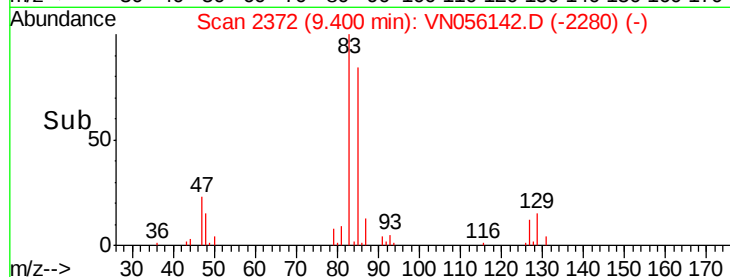


Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)

Time-->

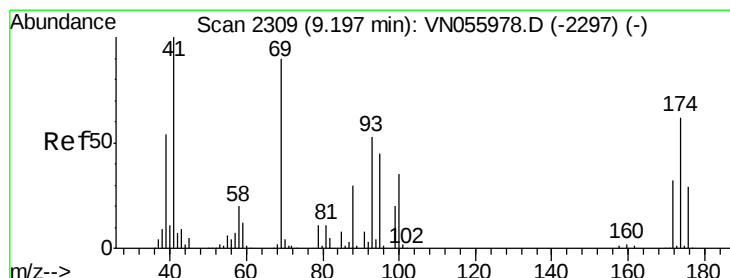


Abundance Ion 82.90 (82.60 to 83.60): VN056142.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056142.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056142.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 20.914 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

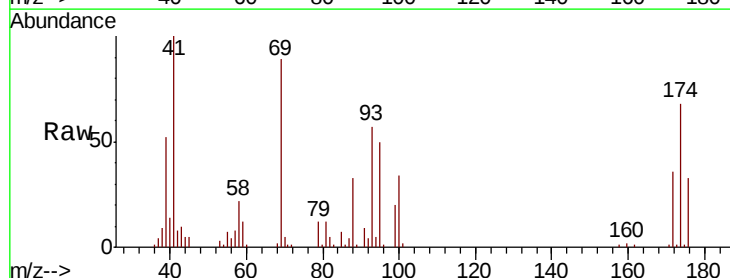
Tgt Ion: 41 Resp: 53742

Ion Ratio Lower Upper

41 100

69 90.7 71.0 106.6

39 51.8 44.2 66.2

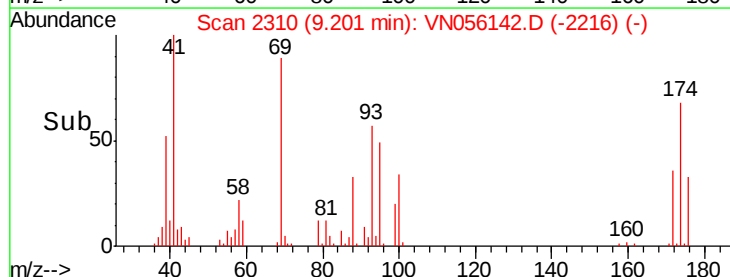


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)

Time-->

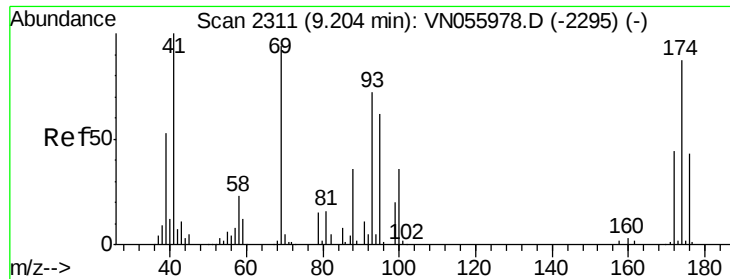


Abundance Ion 41.00 (40.70 to 41.70): VN056142.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056142.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056142.D (-2216) (-)

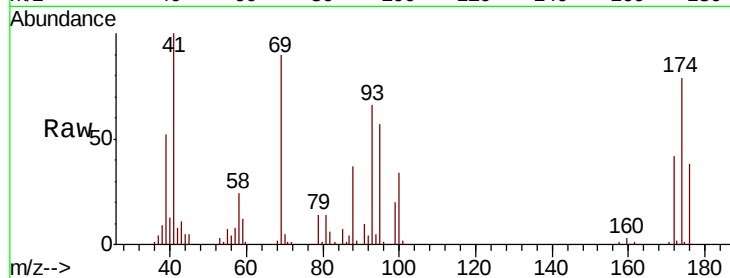
Time-->



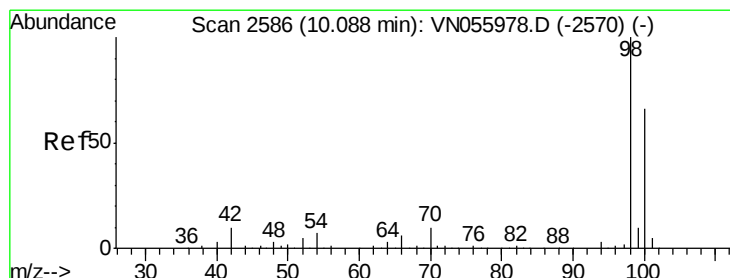
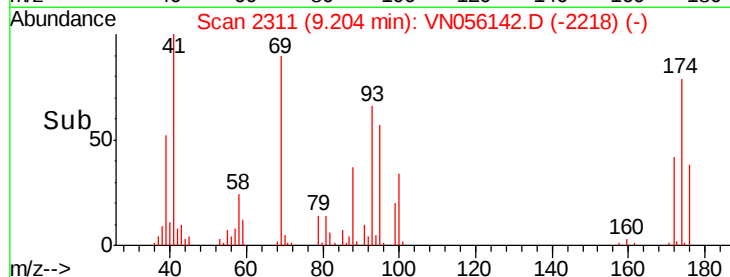
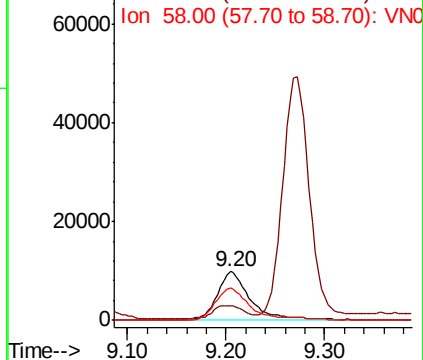
#49
1,4-Dioxane
Concen: 419.699 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 23283
Ion Ratio Lower Upper
88 100
43 25.4 20.5 30.7
58 65.6 55.8 83.6

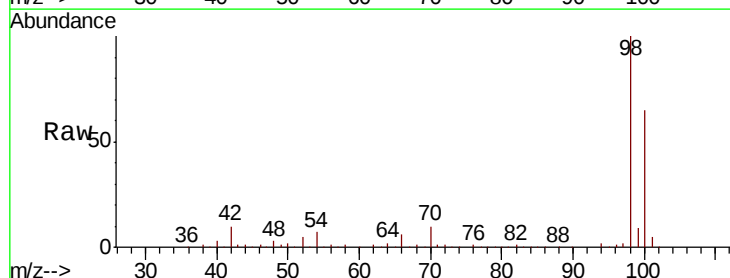


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

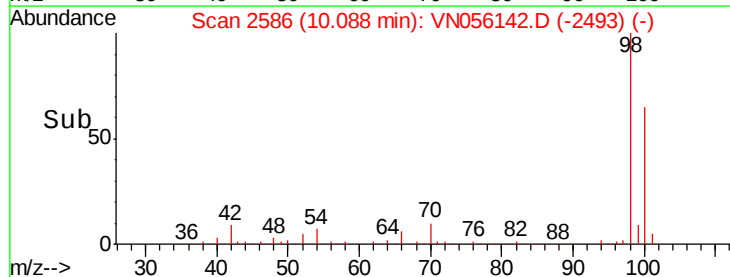
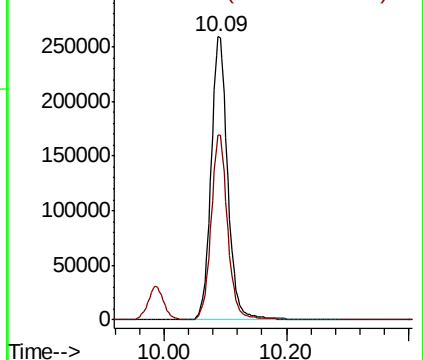


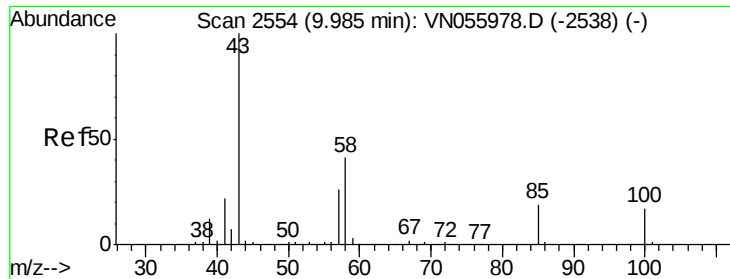
#50
Toluene-d8
Concen: 49.549 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 98 Resp: 495595
Ion Ratio Lower Upper
98 100
100 64.2 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: 105.576 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

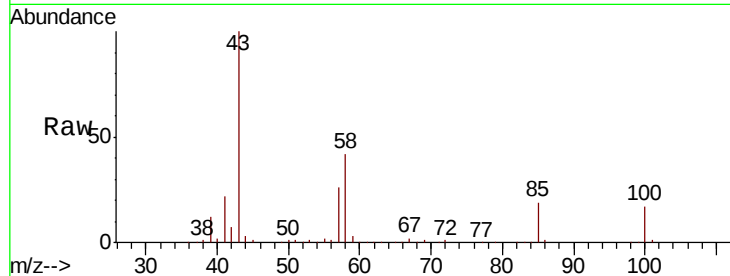
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 346777

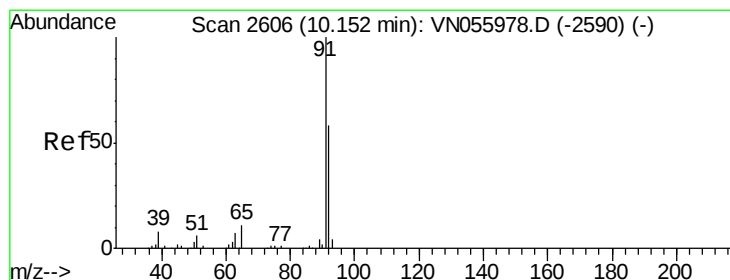
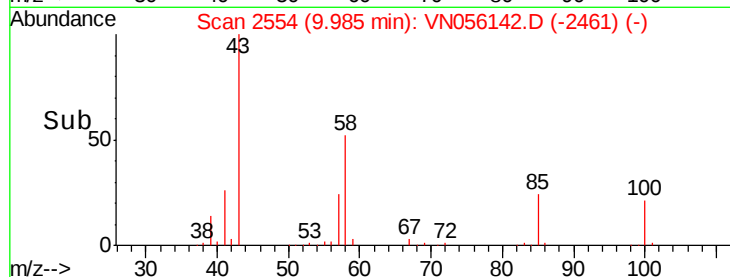
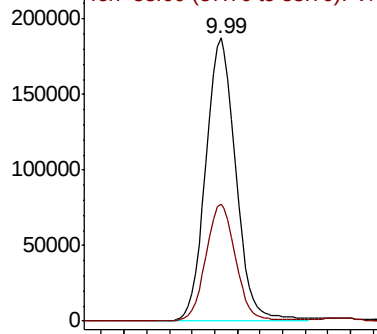
Ion Ratio Lower Upper

43 100

58 41.2 32.1 48.1



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



#52

Toluene

Concen: 20.116 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056142.D

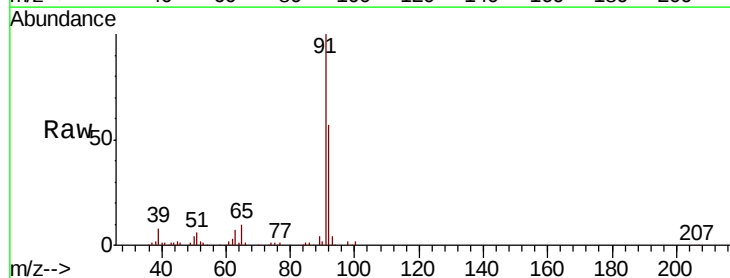
Acq: 8 Jun 2019 10:22

Tgt Ion: 92 Resp: 138497

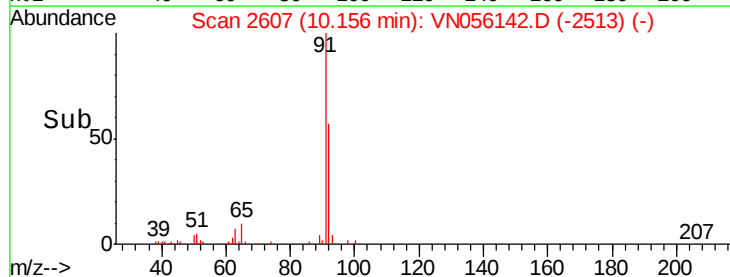
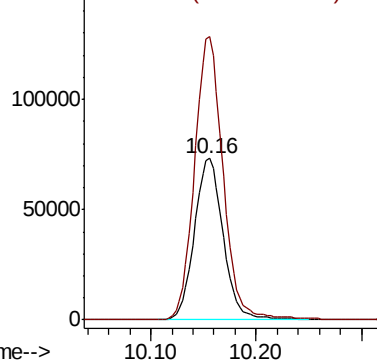
Ion Ratio Lower Upper

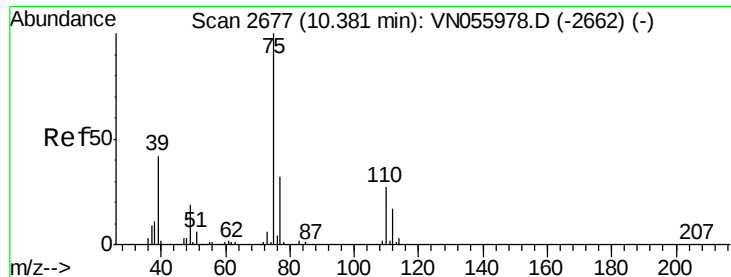
92 100

91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0
Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 15.749 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

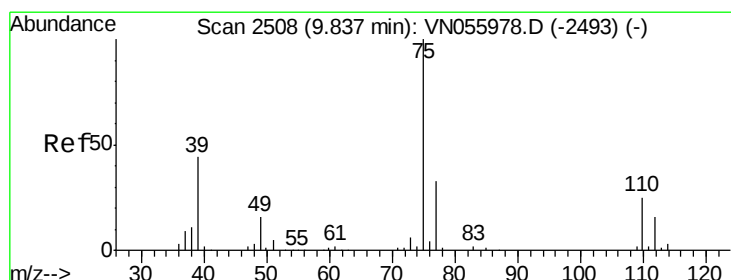
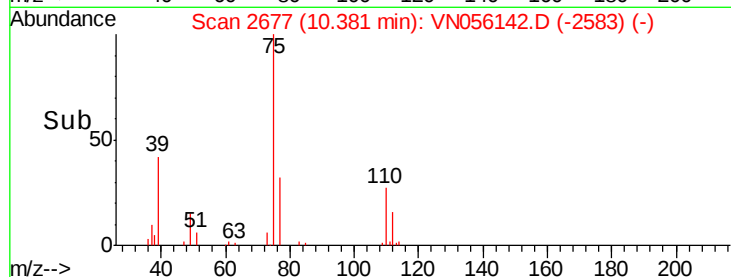
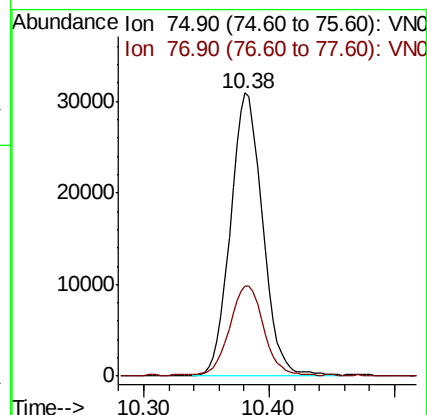
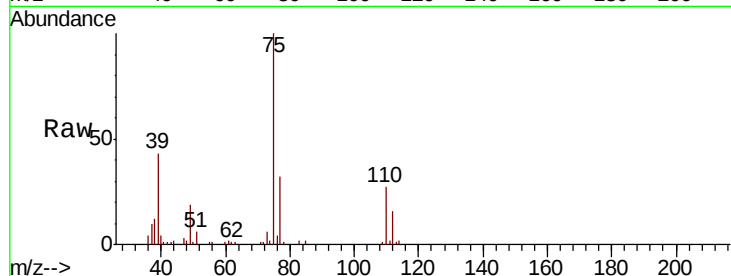
ClientSampleId :

Tot Ion: 75 Resp: 55224

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.399 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

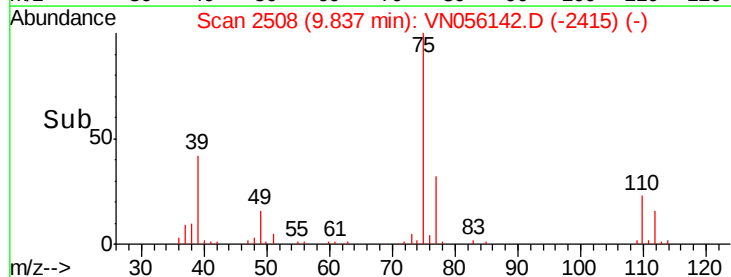
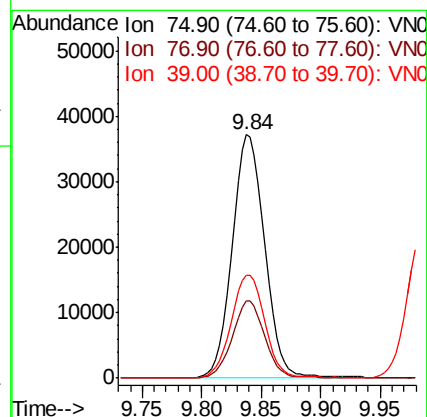
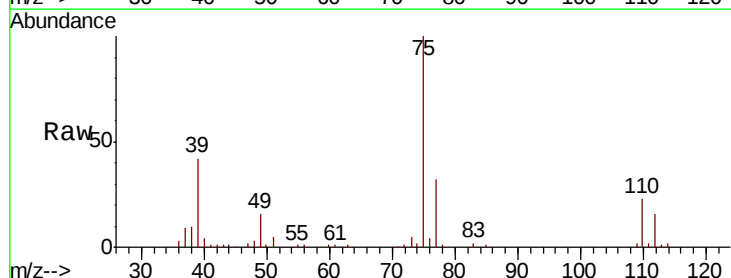
Tgt Ion: 75 Resp: 70245

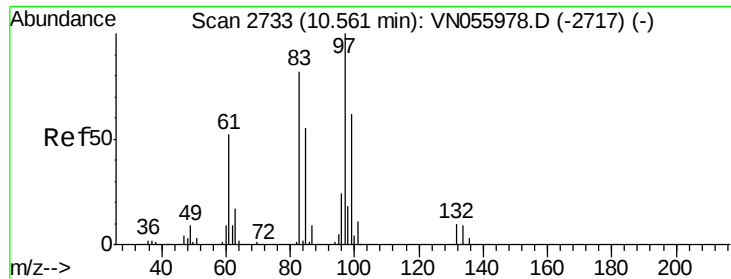
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 42.1 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 20.563 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 56080

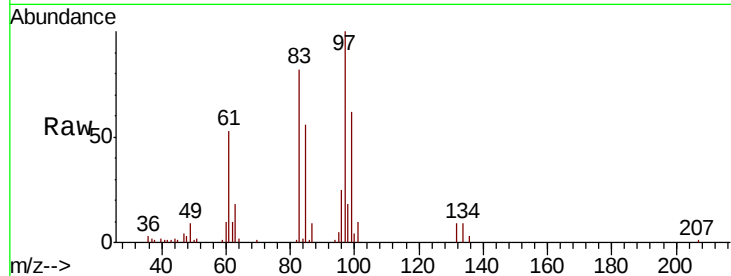
Ion Ratio Lower Upper

97 100

83 82.3 67.0 100.6

85 56.0 44.0 66.0

99 62.2 50.6 75.8

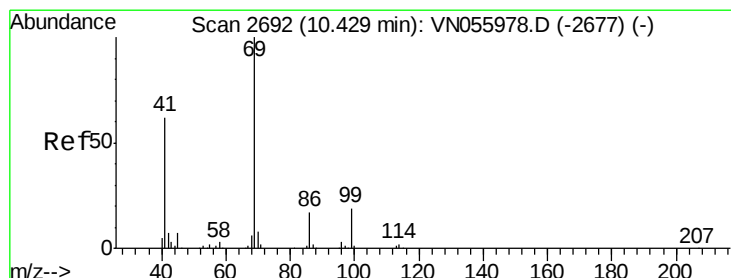
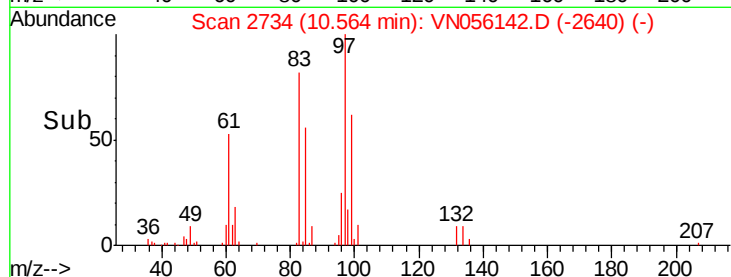
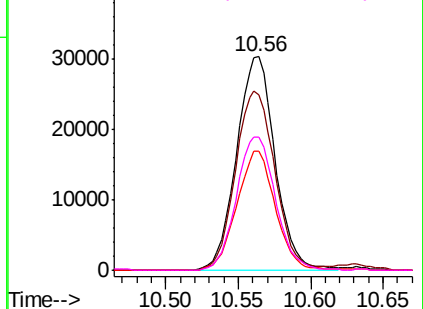


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 20.197 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

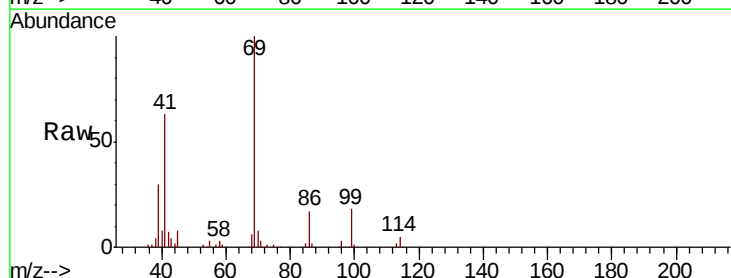
Tgt Ion: 69 Resp: 80358

Ion Ratio Lower Upper

69 100

41 61.8 49.7 74.5

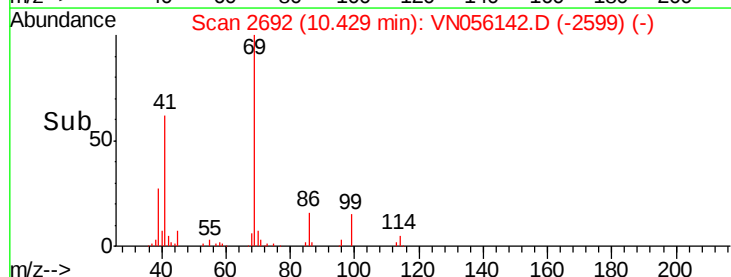
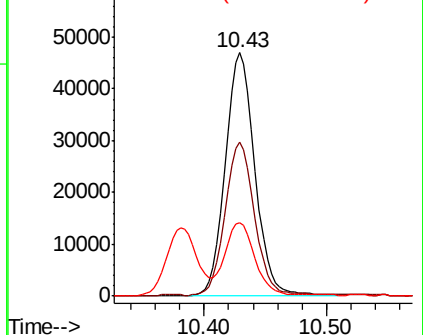
39 29.2 24.7 37.1

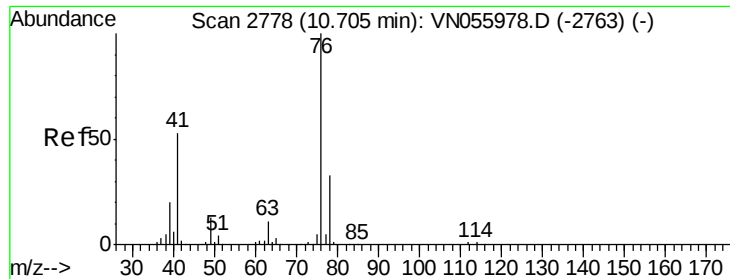


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

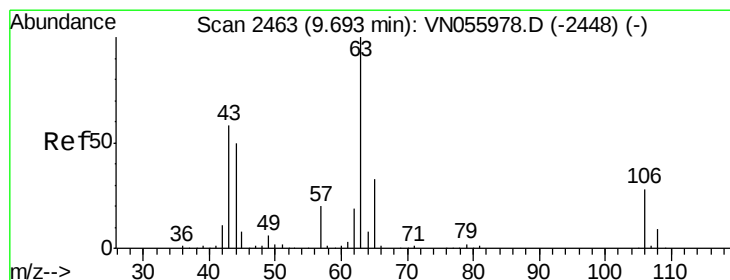
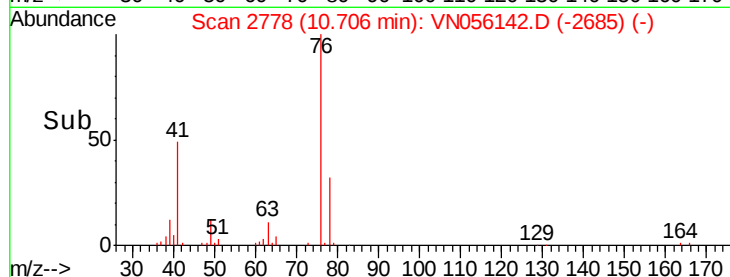
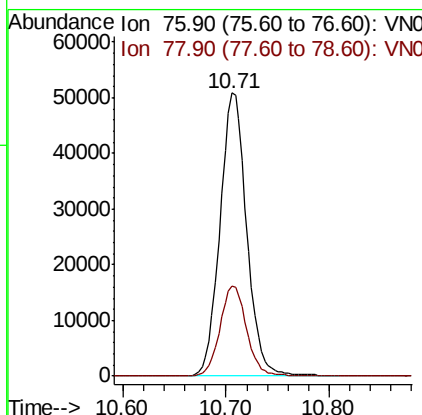
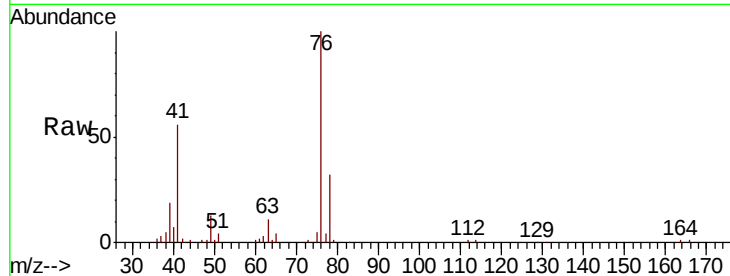




#57
 1,3-Dichloropropane
 Concen: 20.680 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

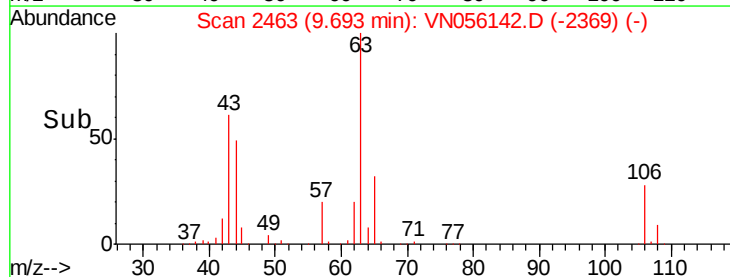
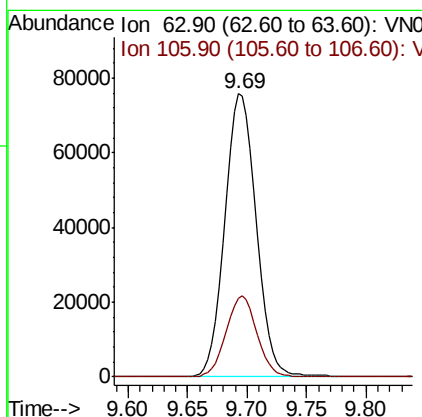
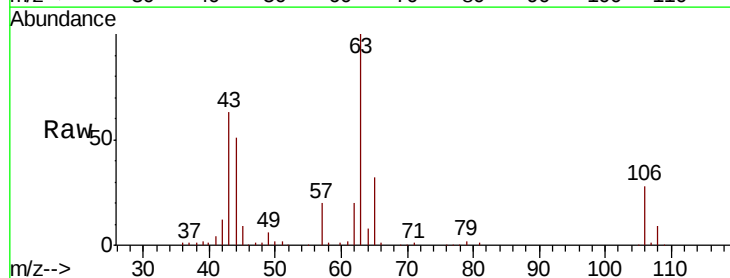
Instrument :
 MSVOA_N
 ClientSampled :

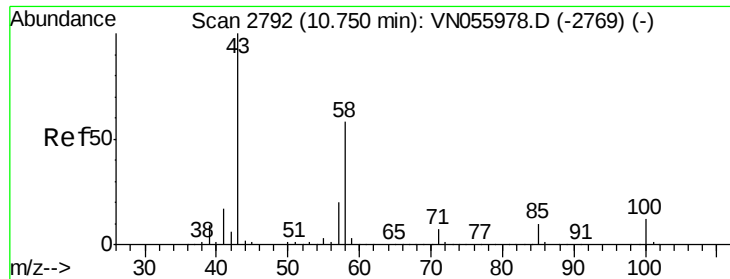
Tot Ion: 76 Resp: 91682
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.680 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion: 63 Resp: 138890
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.7 34.1

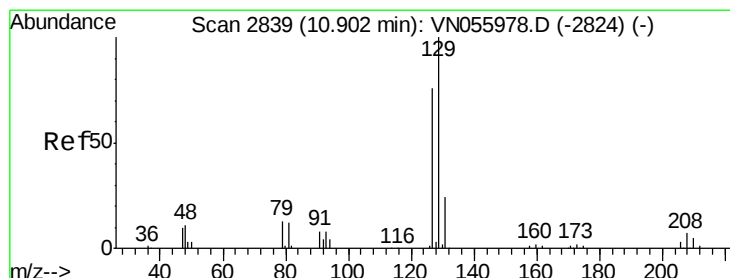
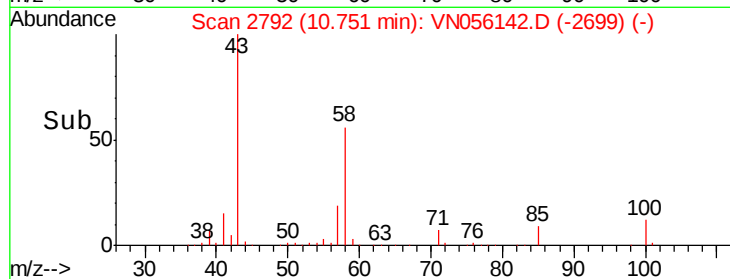
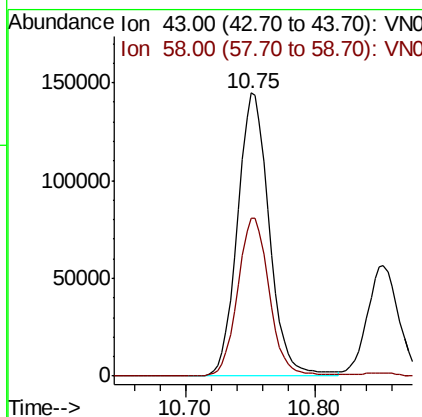
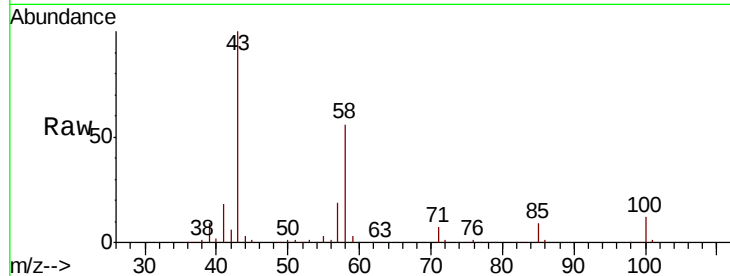




#59
2-Hexanone
Concen: 104.261 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

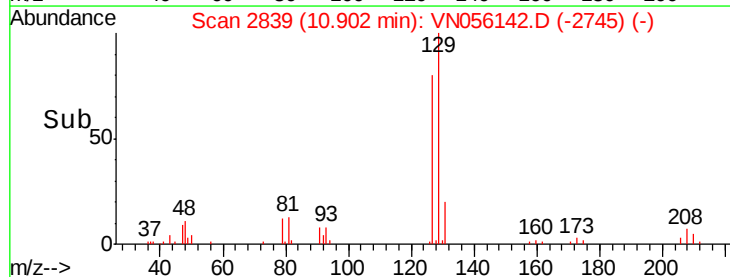
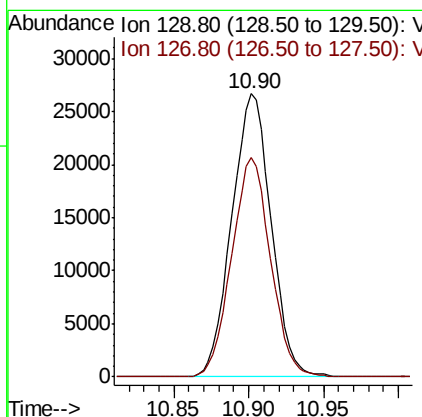
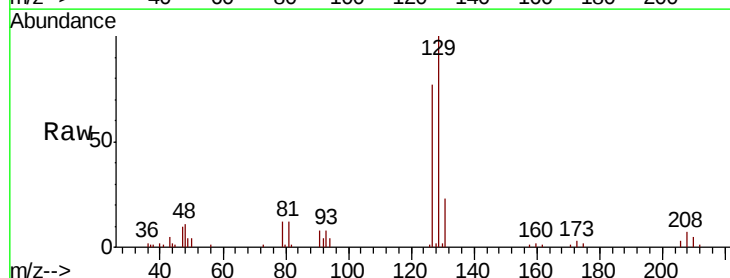
Instrument :
MSVOA_N
ClientSampled :

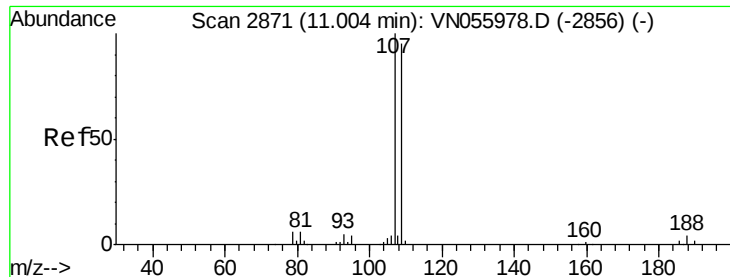
Tot Ion: 43 Resp: 248206
Ion Ratio Lower Upper
43 100
58 55.9 28.2 84.7



#60
Dibromochloromethane
Concen: 17.894 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 129 Resp: 48843
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 20.577 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

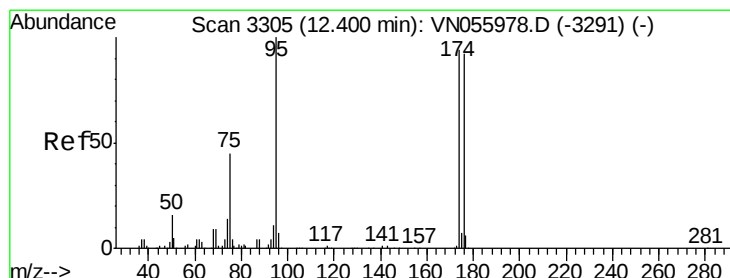
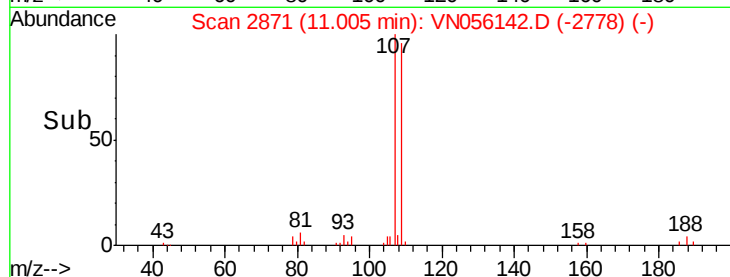
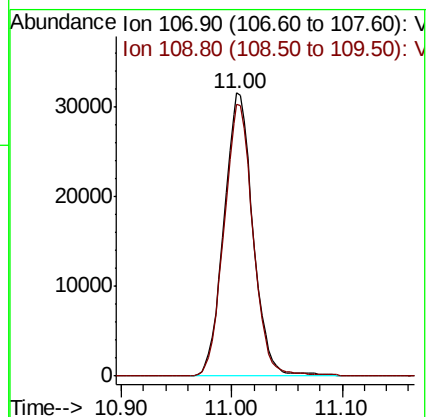
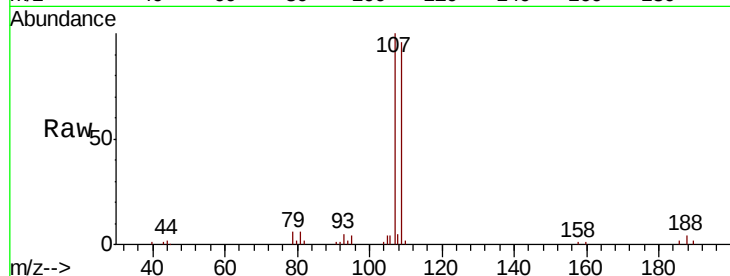
ClientSampleId :

Tot Ion:107 Resp: 57369

Ion Ratio Lower Upper

107 100

109 96.1 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 47.788 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

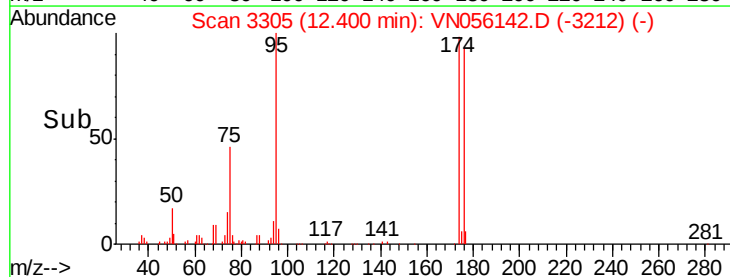
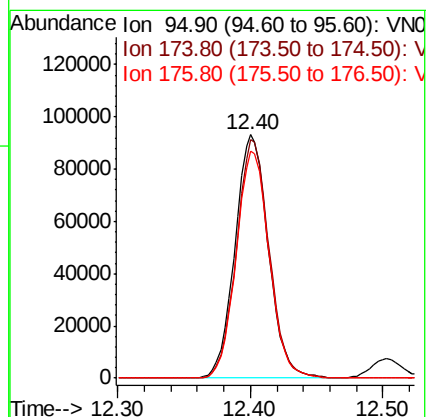
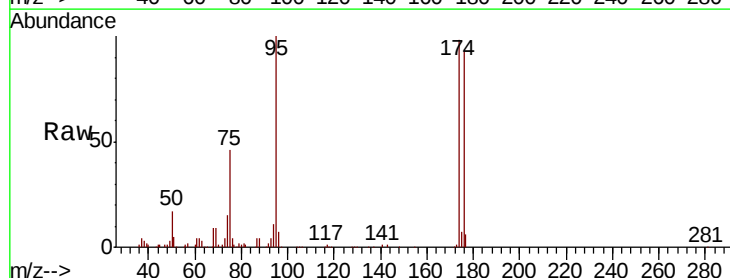
Tgt Ion: 95 Resp: 162550

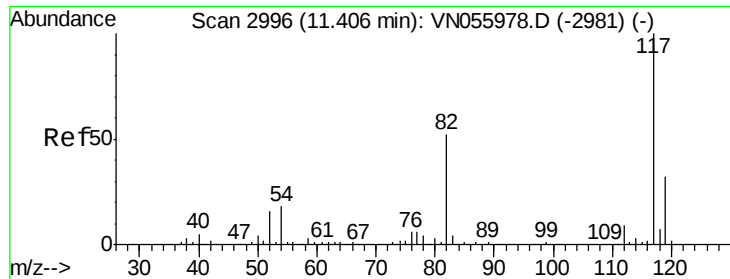
Ion Ratio Lower Upper

95 100

174 96.4 0.0 191.0

176 92.3 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: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampled :

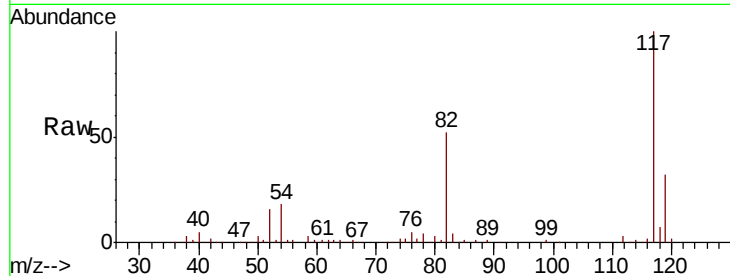
Tot Ion:117 Resp: 372420

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.8

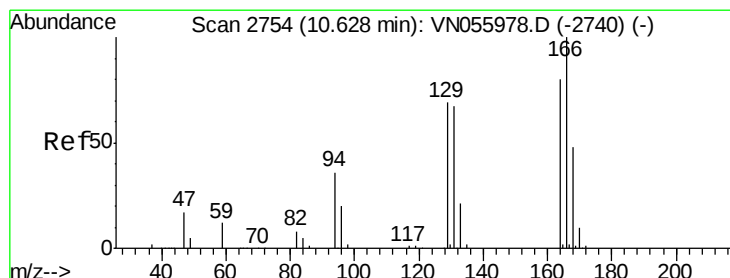
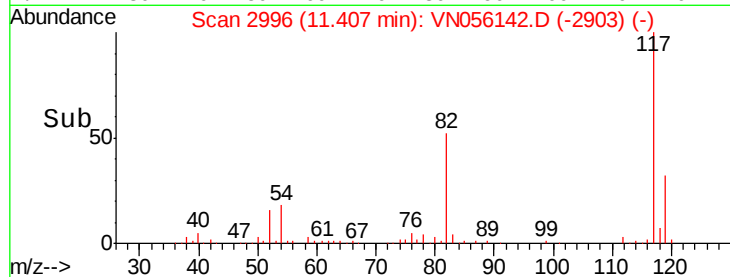
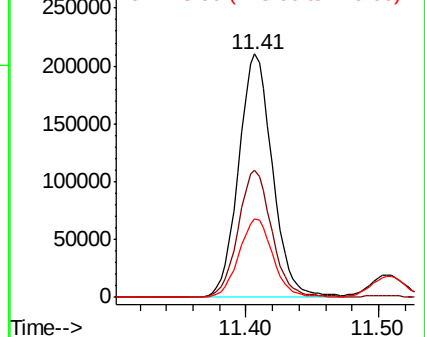
119 32.2 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.941 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Tgt Ion:164 Resp: 70730

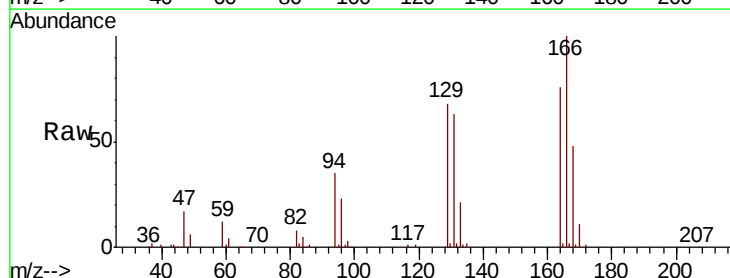
Ion Ratio Lower Upper

164 100

166 130.9 103.0 154.6

129 89.7 70.6 105.8

131 82.8 68.6 102.8

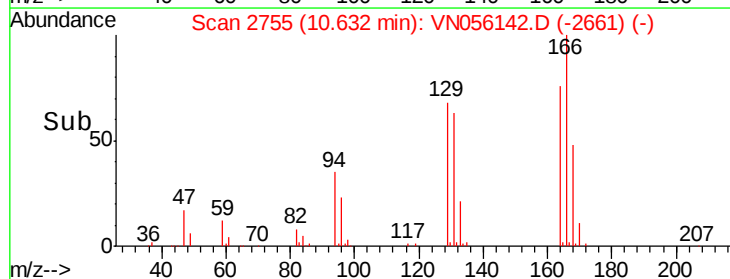
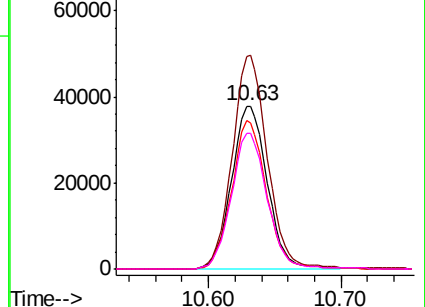


Abundance Ion 163.80 (163.50 to 164.50): V

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

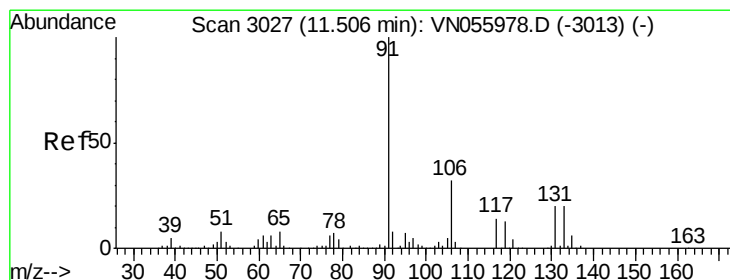
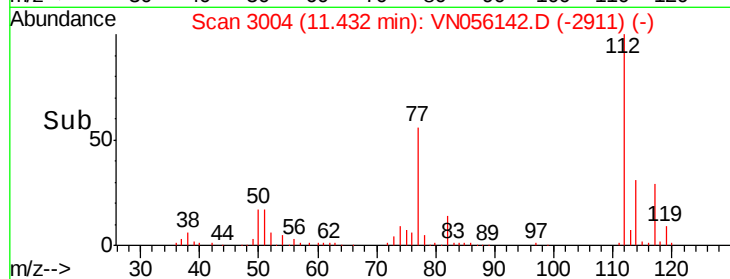
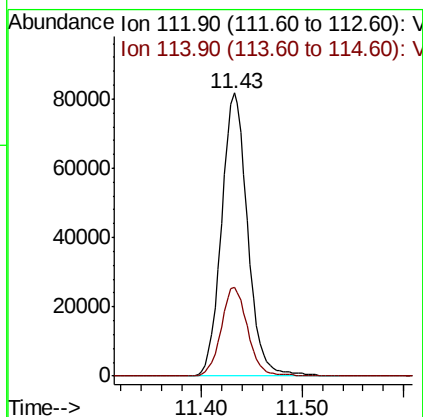
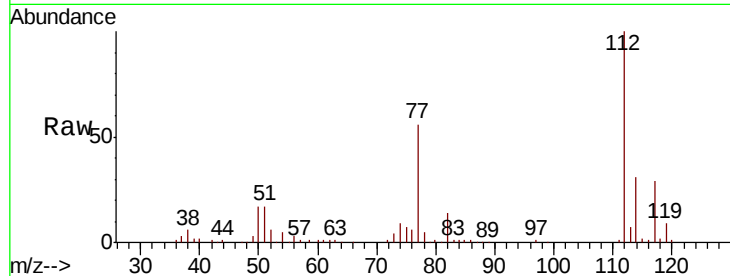




#65
Chlorobenzene
Concen: 19.965 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

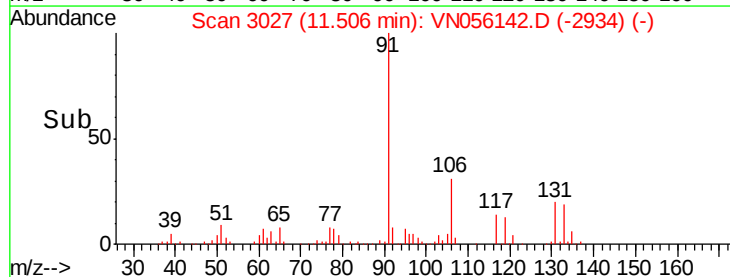
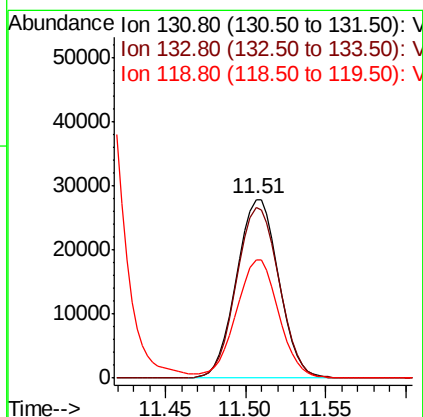
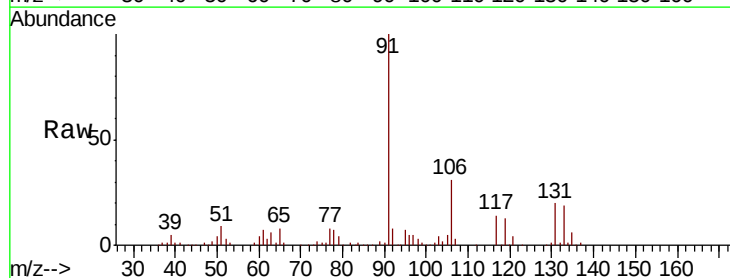
Instrument :
MSVOA_N
ClientSampled :

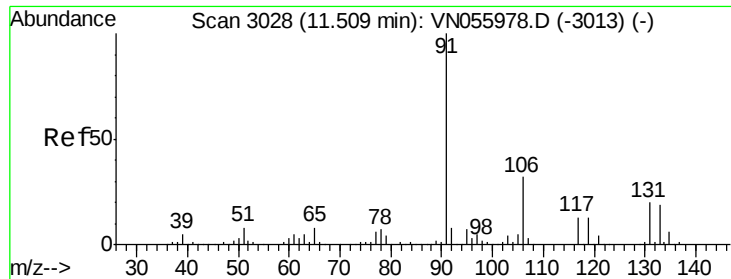
Tot Ion:112 Resp: 147977
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.674 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion:131 Resp: 50350
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.0
119 67.1 33.1 99.5

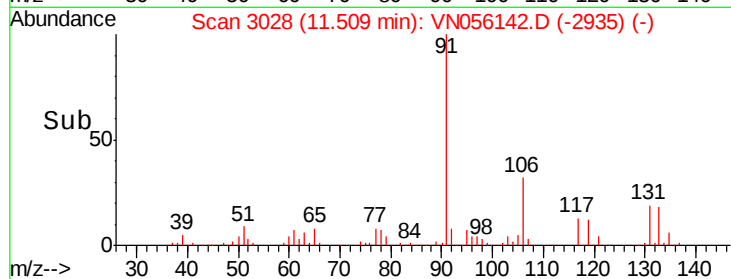
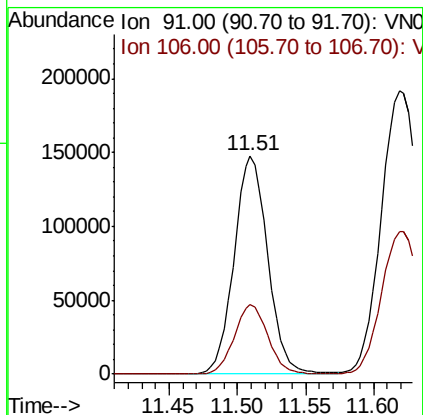
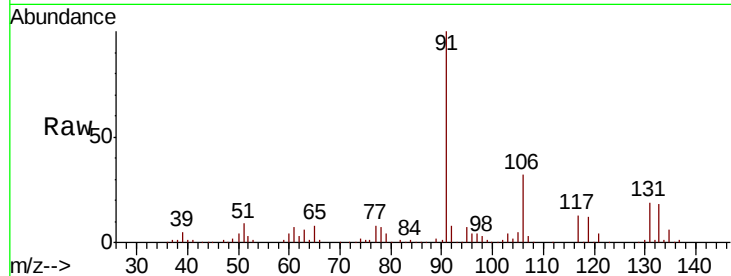




#67
Ethyl Benzene
Concen: 19.644 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

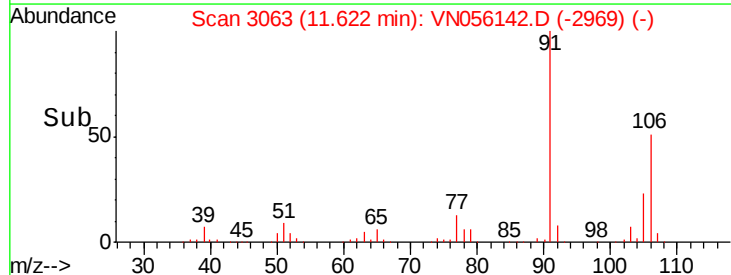
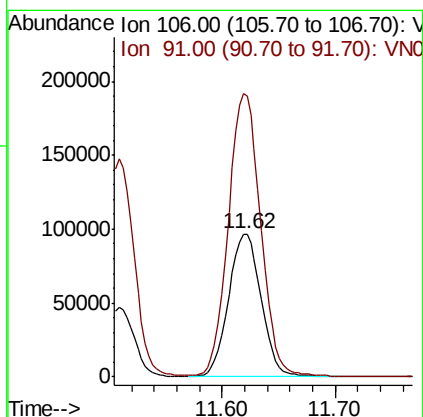
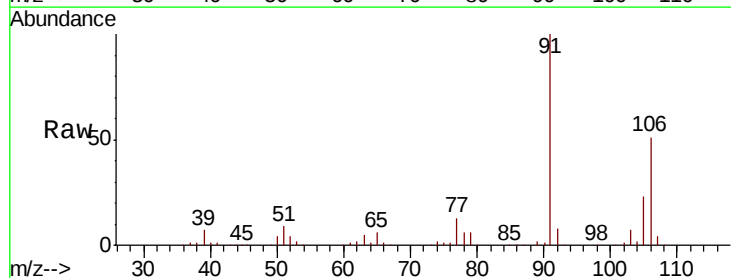
Instrument :
MSVOA_N
ClientSampled :

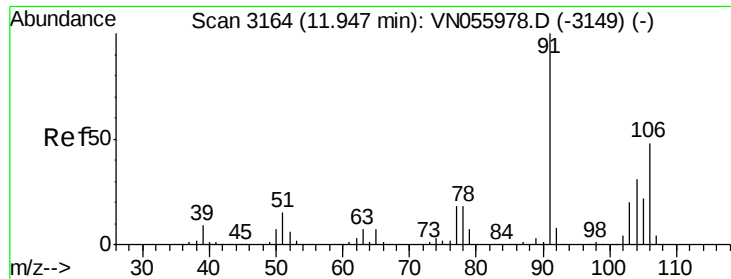
Tot Ion: 91 Resp: 253178
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 39.519 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 106 Resp: 194570
Ion Ratio Lower Upper
106 100
91 197.0 159.3 238.9

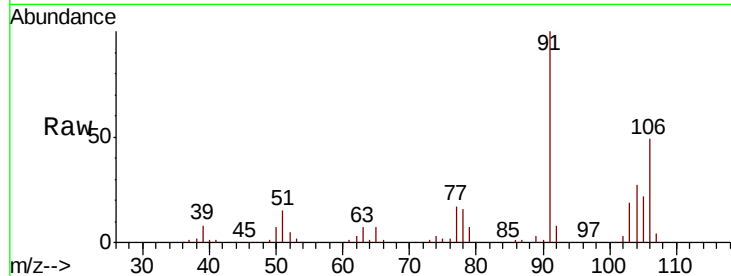




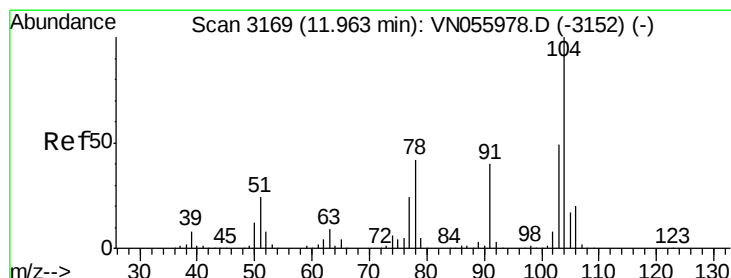
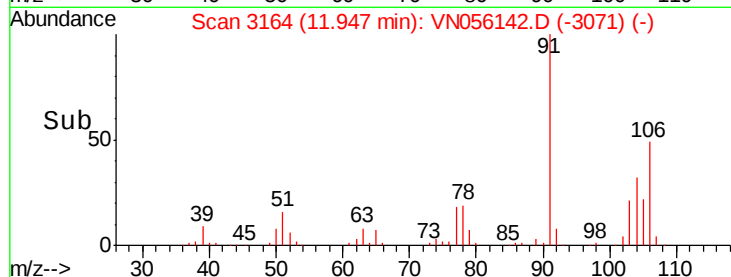
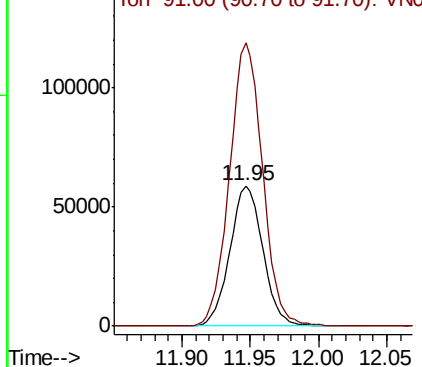
#69
o-Xylene
Concen: 20.400 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 98798
Ion Ratio Lower Upper
106 100
91 202.6 104.7 314.1

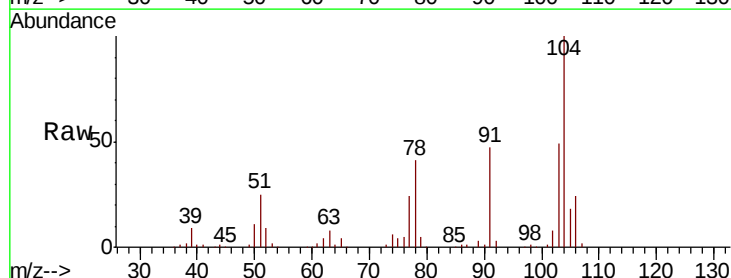


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

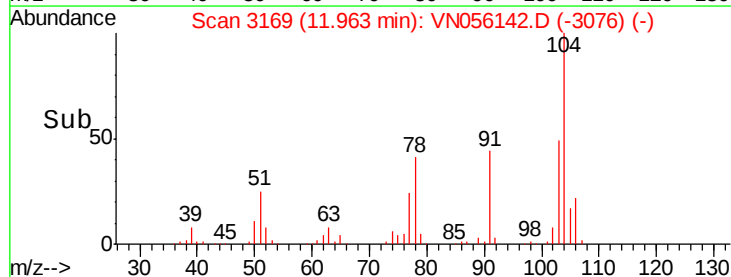
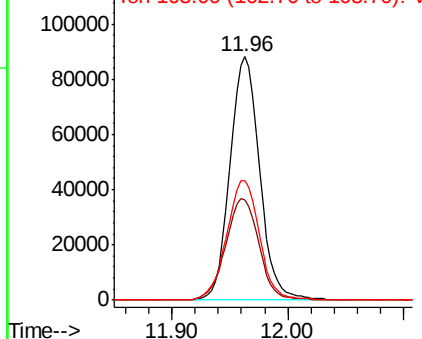


#70
Styrene
Concen: 20.239 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion:104 Resp: 155737
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.6
103 54.6 44.2 66.2



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

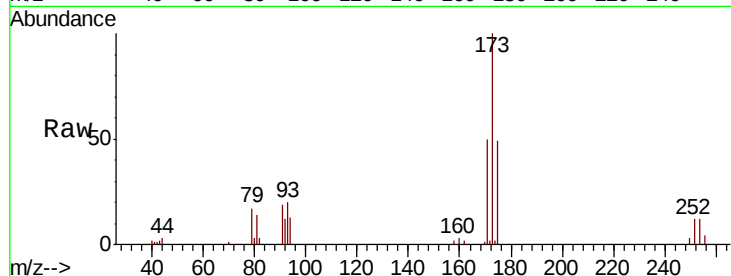




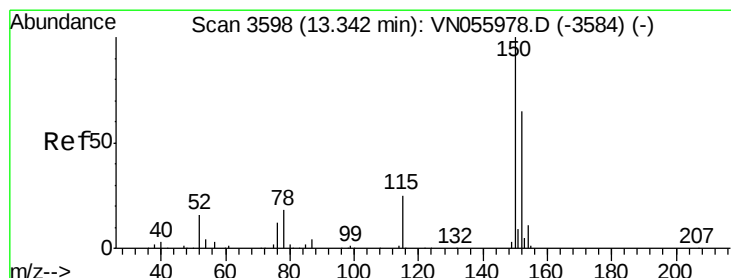
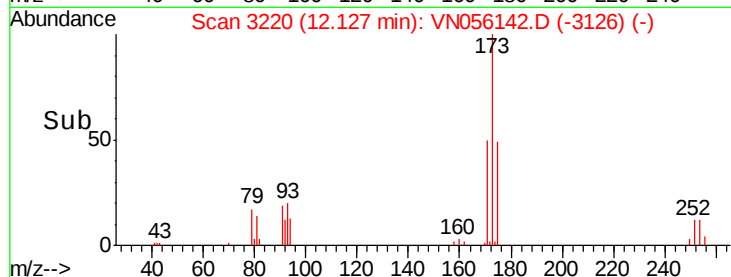
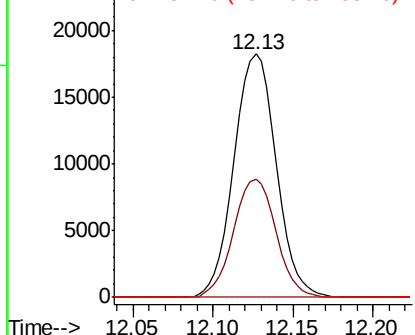
#71
Bromoform
Concen: 17.228 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 32930
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.0 0.0 0.0

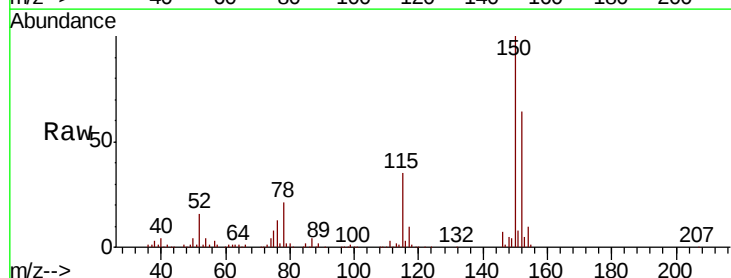


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

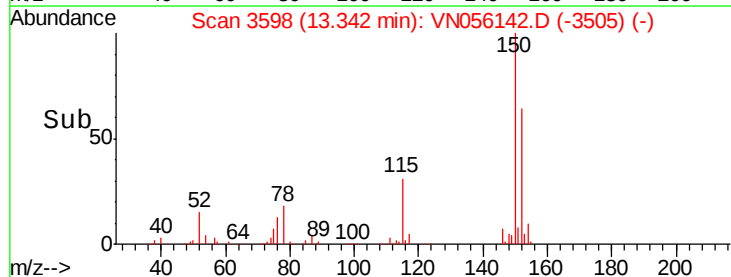
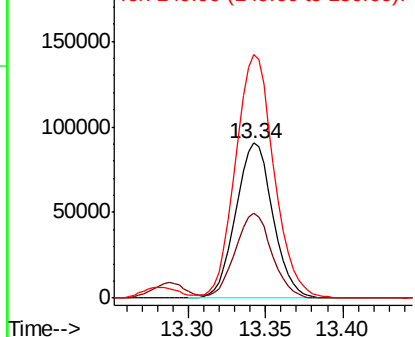


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion:152 Resp: 150583
Ion Ratio Lower Upper
152 100
115 54.2 27.0 81.0
150 163.5 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: 22.174 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

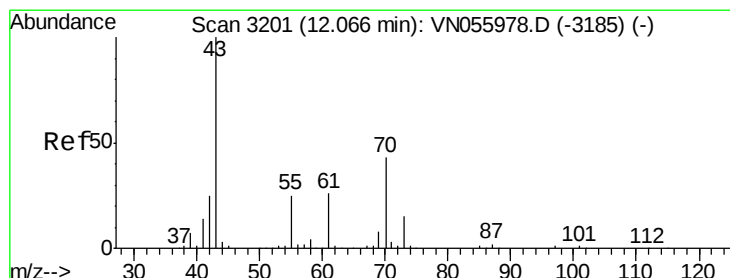
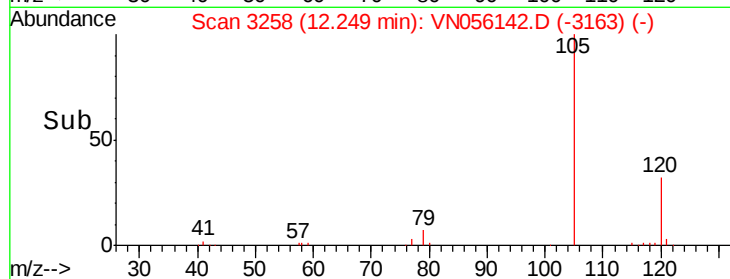
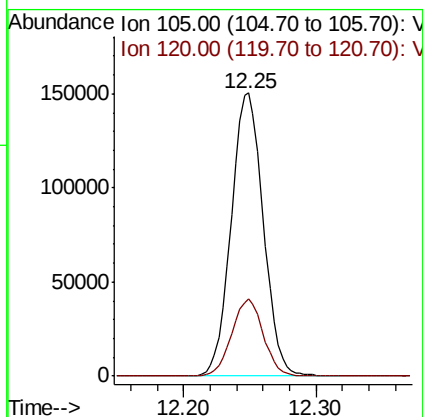
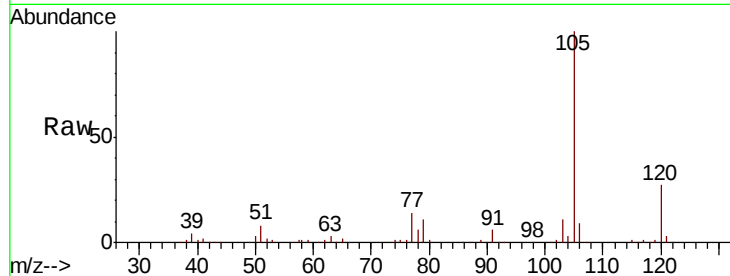
ClientSampleId :

Tot Ion:105 Resp: 252458

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



#74

N-ethyl acetate

Concen: 21.246 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Tgt Ion: 43 Resp: 85280

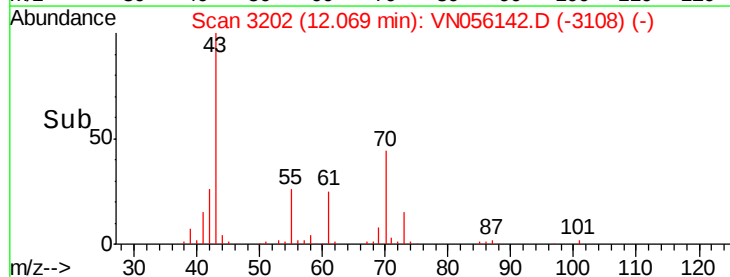
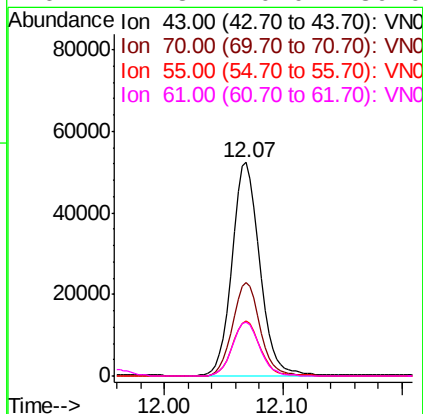
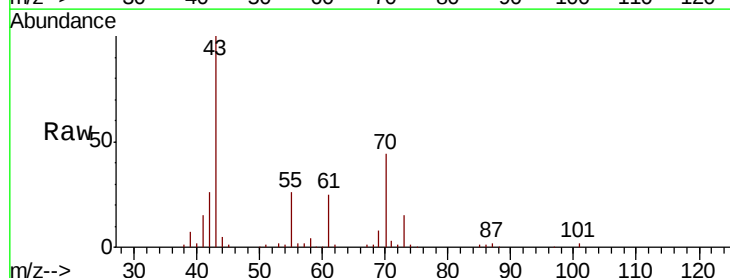
Ion Ratio Lower Upper

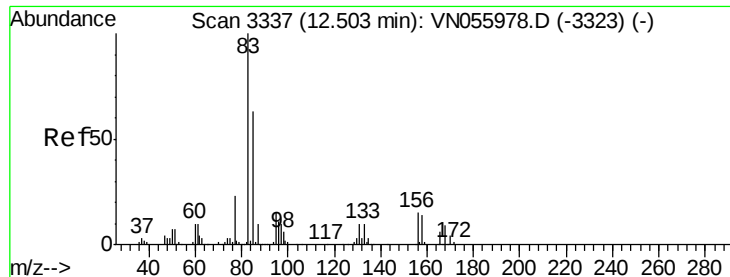
43 100

70 43.1 34.0 51.0

55 25.5 18.6 28.0

61 24.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.980 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampled :

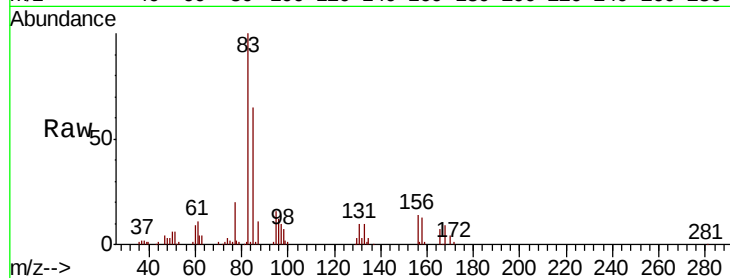
Tot Ion: 83 Resp: 76836

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

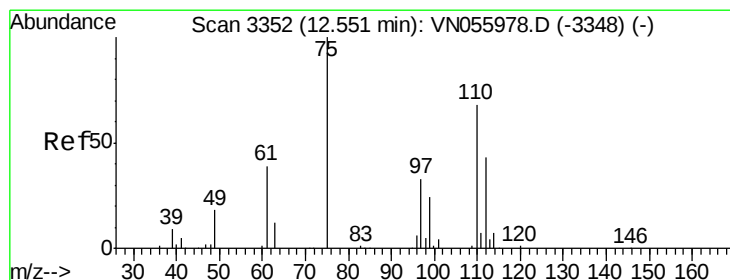
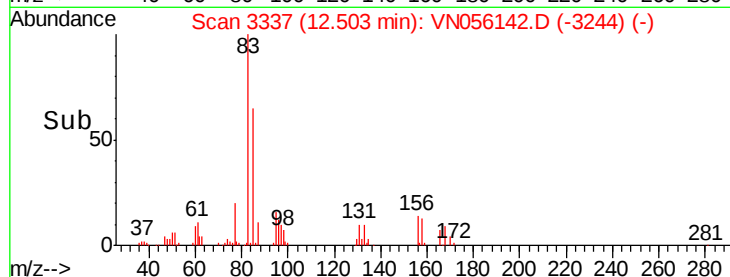
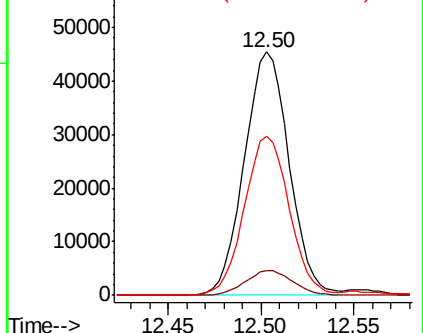
85 65.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN

Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 30.169 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056142.D

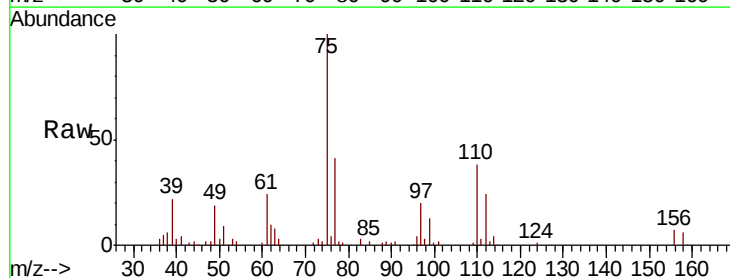
Acq: 8 Jun 2019 10:22

Tgt Ion: 75 Resp: 83592

Ion Ratio Lower Upper

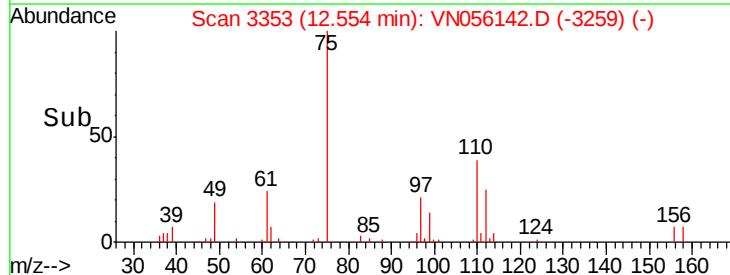
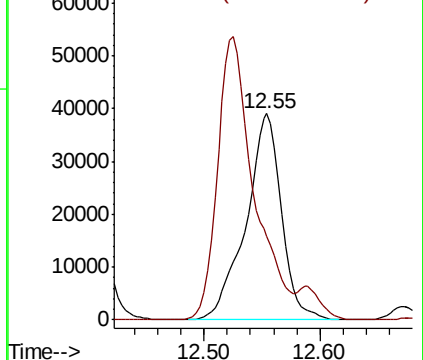
75 100

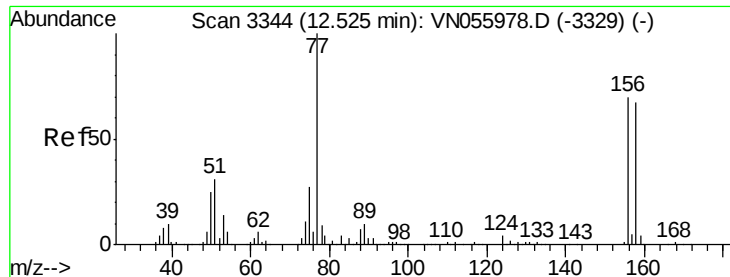
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.765 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampleId :

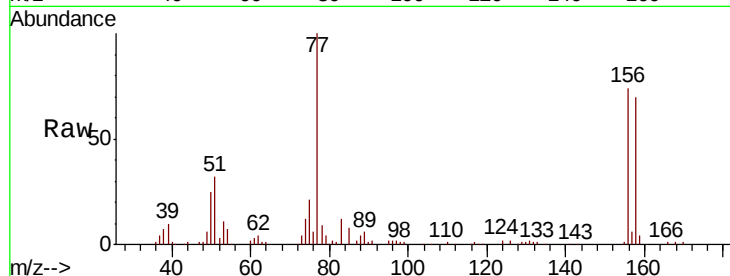
Tot Ion:156 Resp: 70168

Ion Ratio Lower Upper

156 100

77 166.7 90.8 272.5

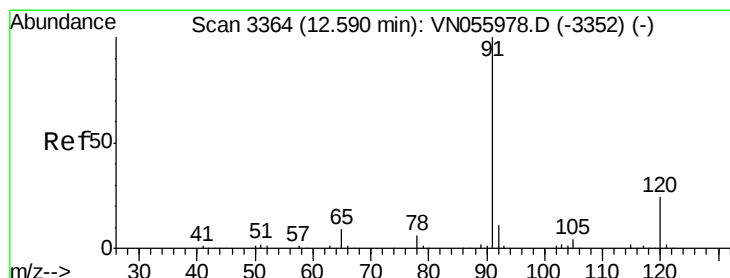
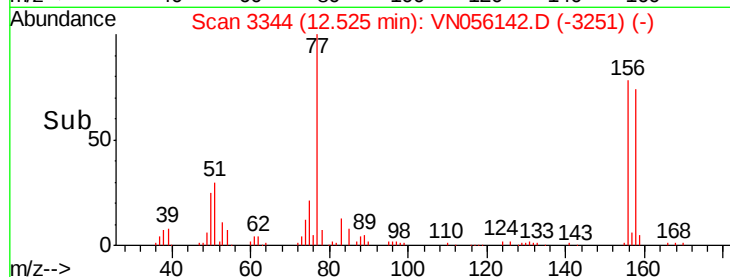
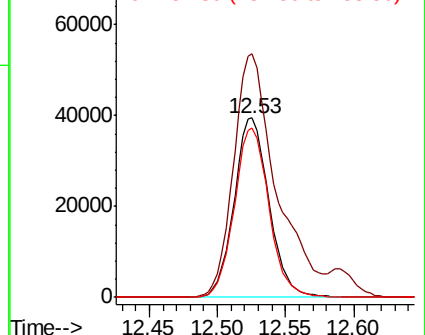
158 93.6 49.3 147.8



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: 20.075 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056142.D

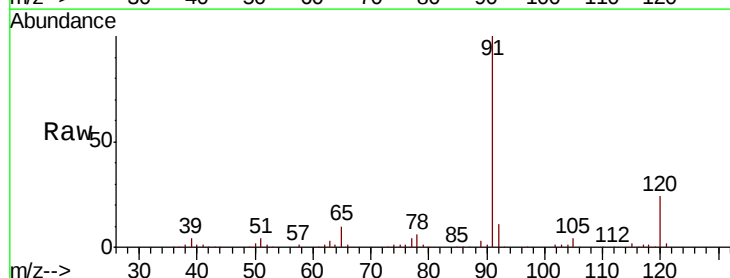
Acq: 8 Jun 2019 10:22

Tgt Ion: 91 Resp: 255743

Ion Ratio Lower Upper

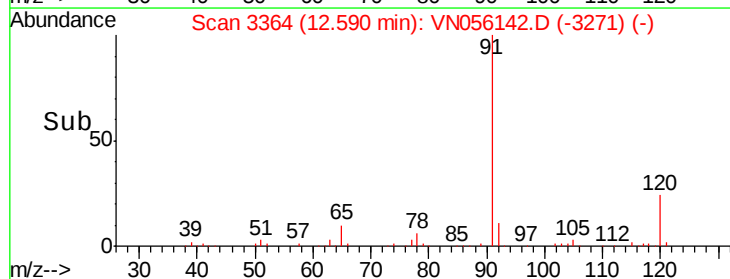
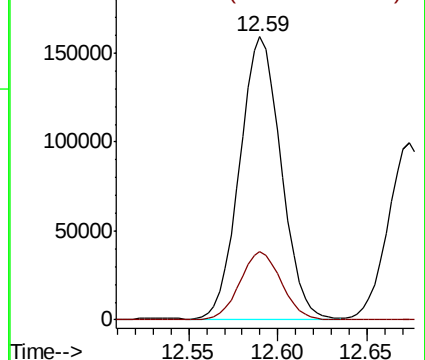
91 100

120 24.3 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: 21.906 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

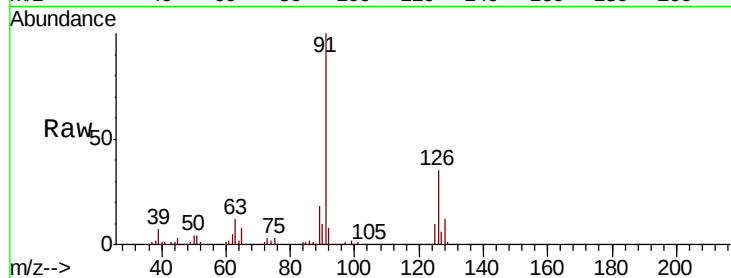
ClientSampled :

Tot Ion: 91 Resp: 164008

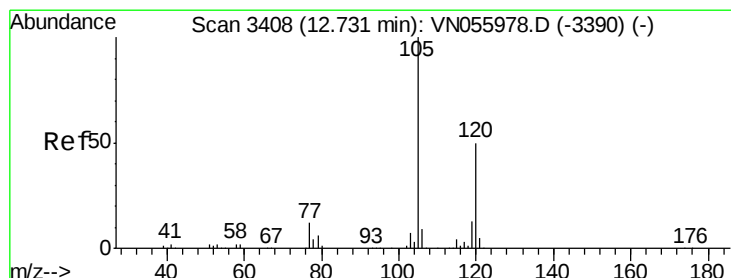
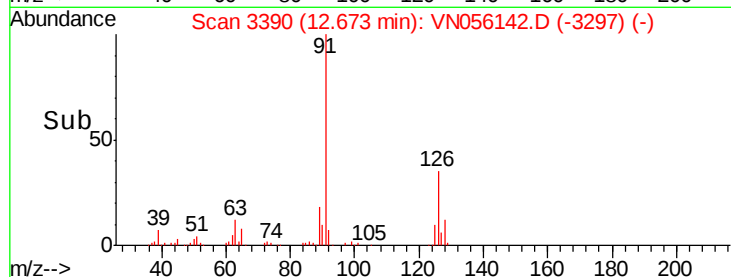
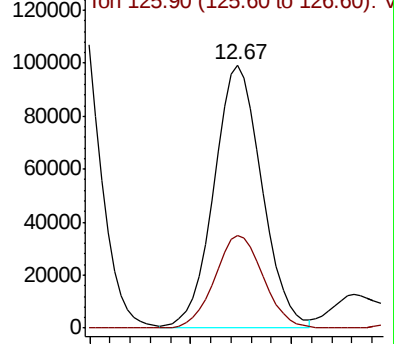
Ion Ratio Lower Upper

91 100

126 36.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.091 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056142.D

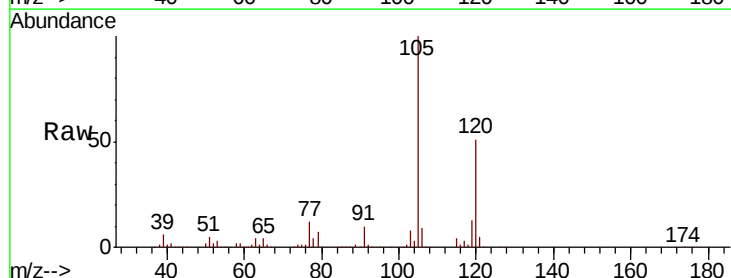
Acq: 8 Jun 2019 10:22

Tgt Ion: 105 Resp: 203410

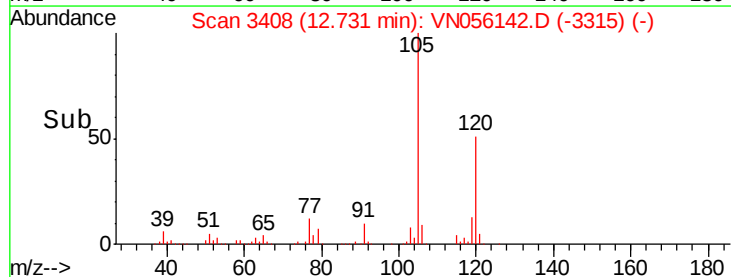
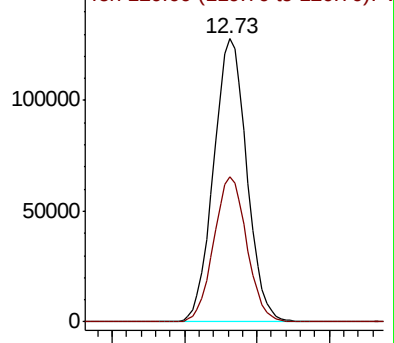
Ion Ratio Lower Upper

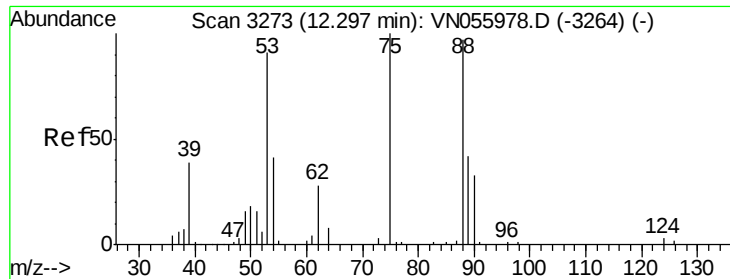
105 100

120 51.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 14.028 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampleId :

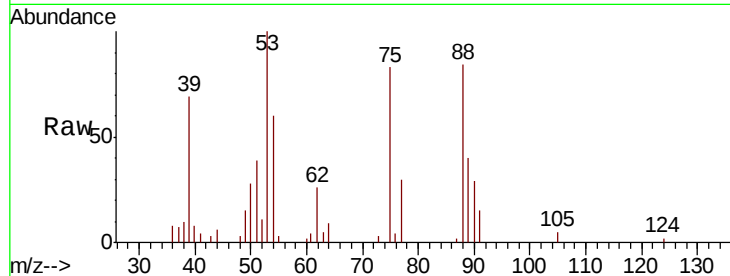
Tot Ion: 75 Resp: 11672

Ion Ratio Lower Upper

75 100

53 119.1 68.1 102.1#

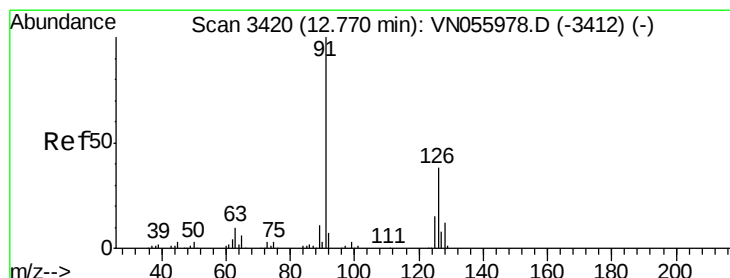
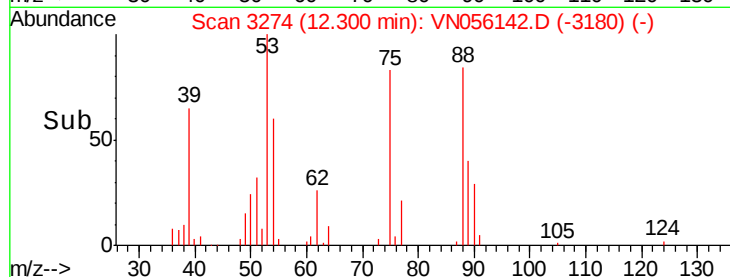
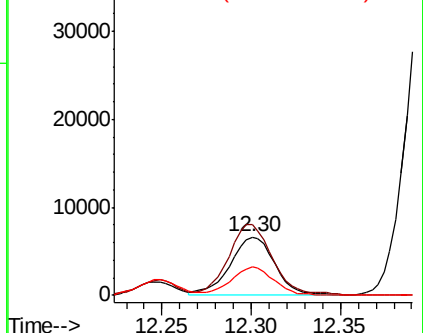
89 45.5 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.262 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056142.D

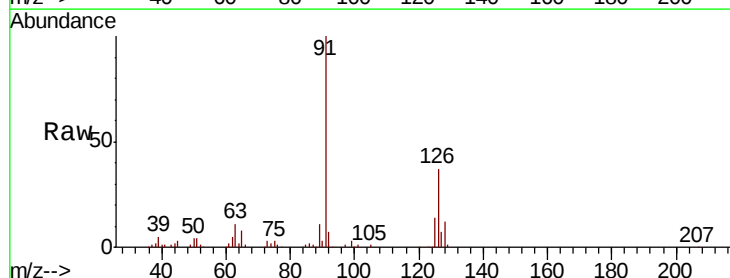
Acq: 8 Jun 2019 10:22

Tgt Ion: 91 Resp: 151011

Ion Ratio Lower Upper

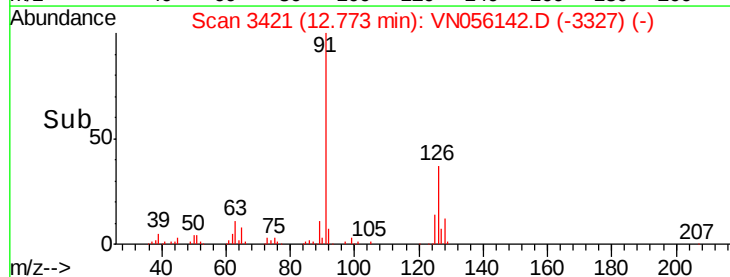
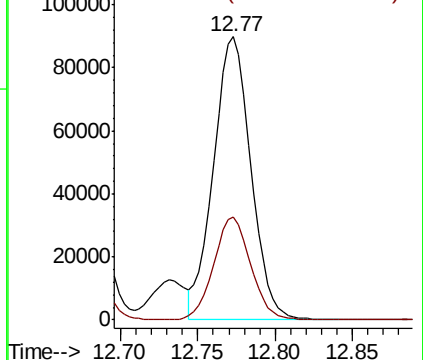
91 100

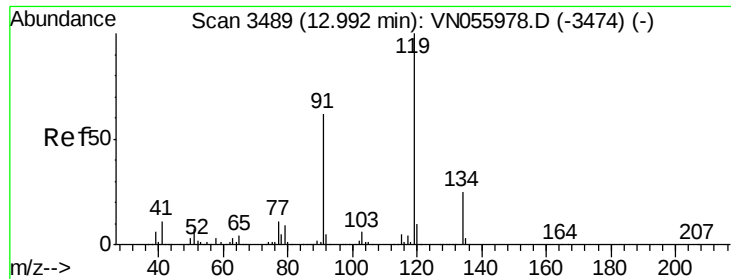
126 36.1 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

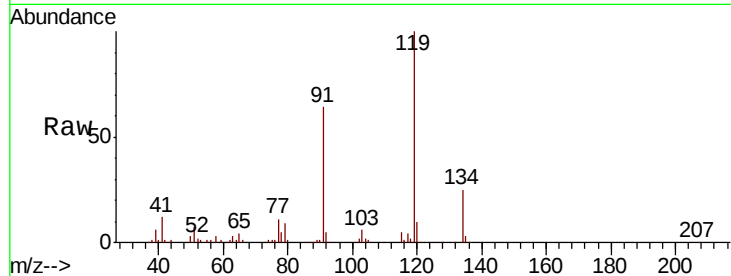




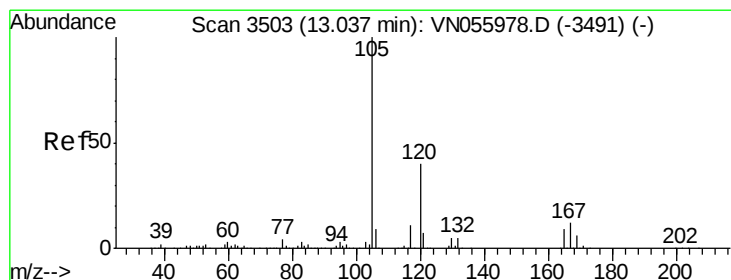
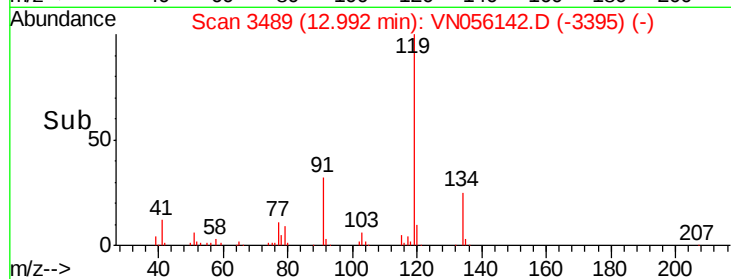
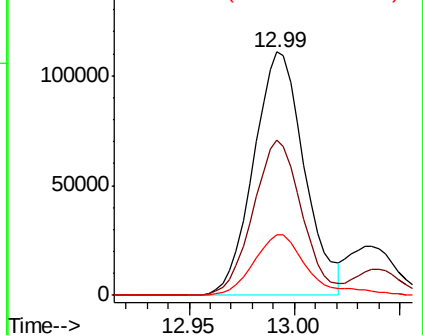
#83
tert-Butylbenzene
Concen: 22.096 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 185539
Ion Ratio Lower Upper
119 100
91 61.2 30.9 92.8
134 26.4 13.3 39.8

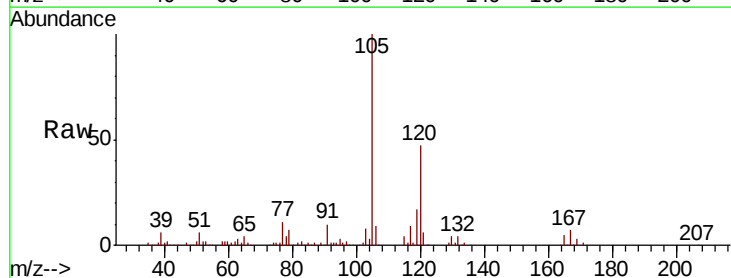


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

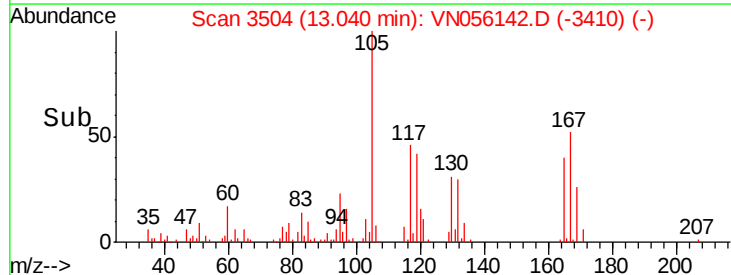
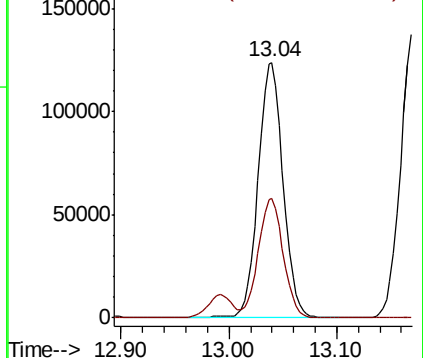


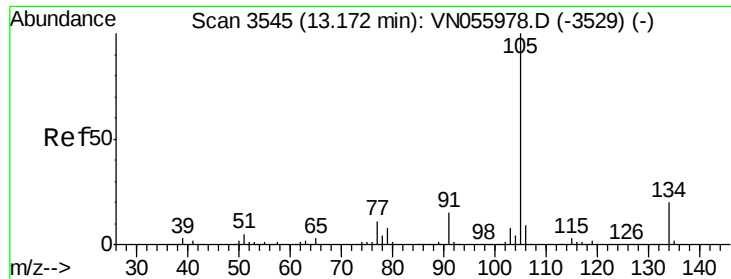
#84
1,2,4-Trimethylbenzene
Concen: 20.619 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion:105 Resp: 197965
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0



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

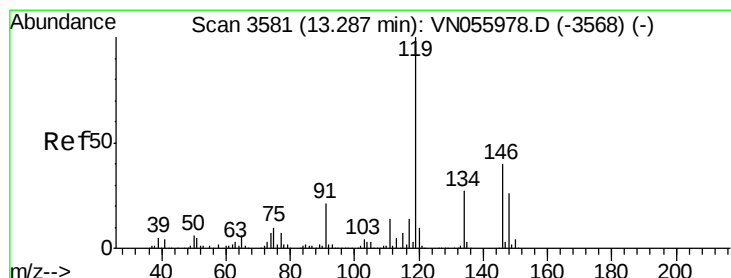
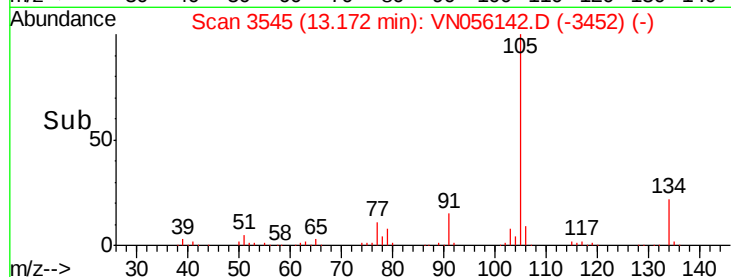
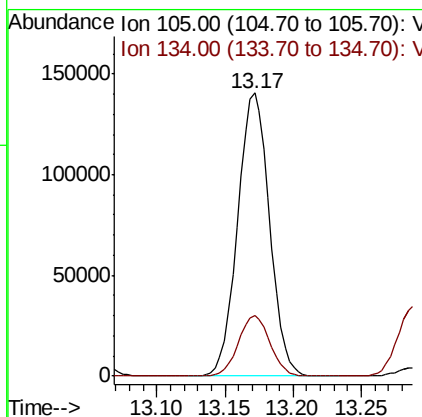
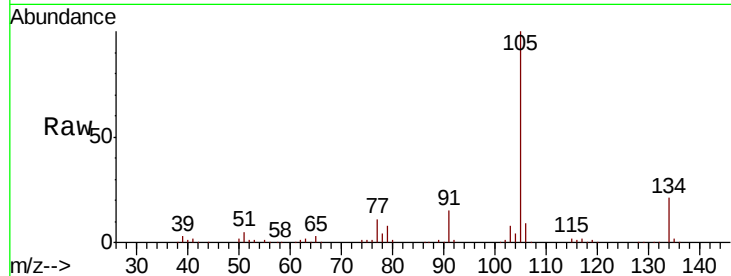




#85
 sec-Butylbenzene
 Concen: 20.147 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

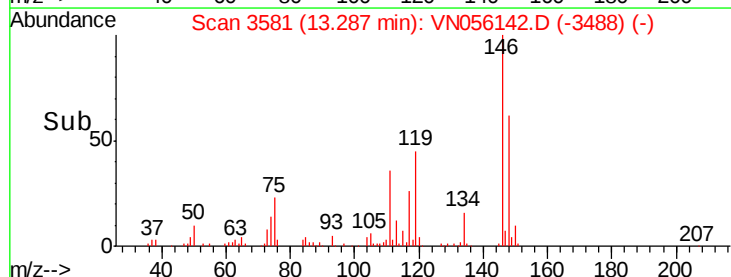
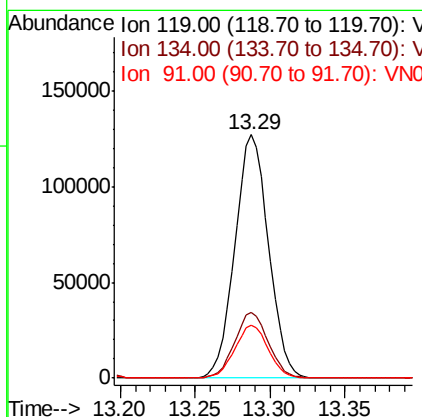
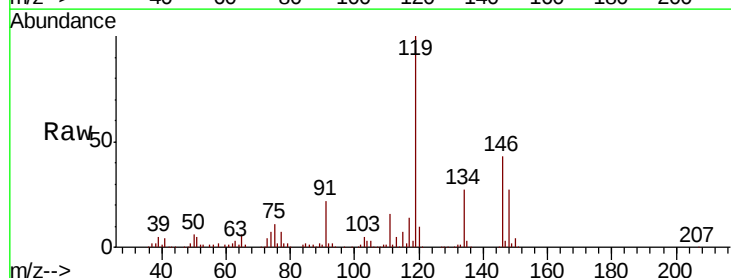
Instrument :
 MSVOA_N
 ClientSampled :

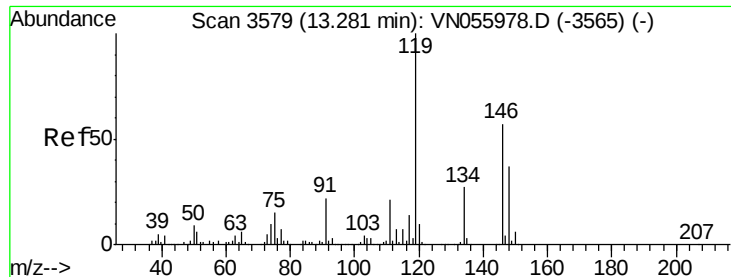
Tot Ion:105 Resp: 227289
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.705 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion:119 Resp: 198955
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 21.6 10.9 32.9

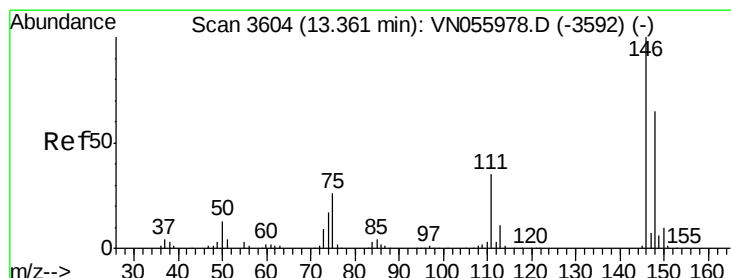
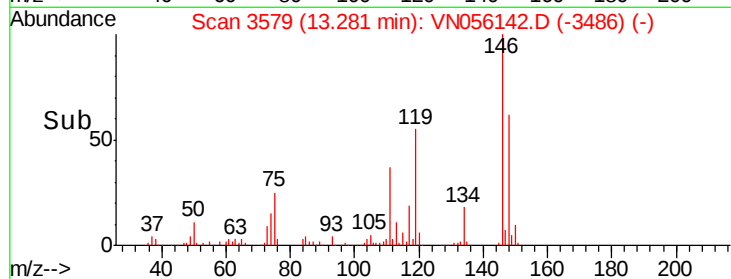
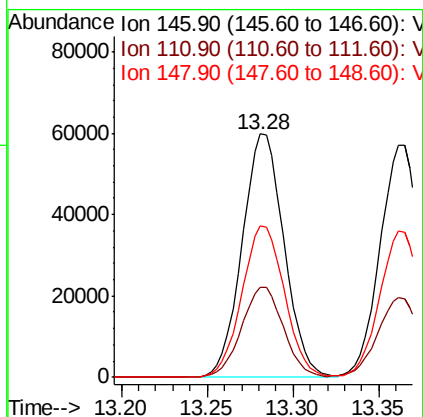
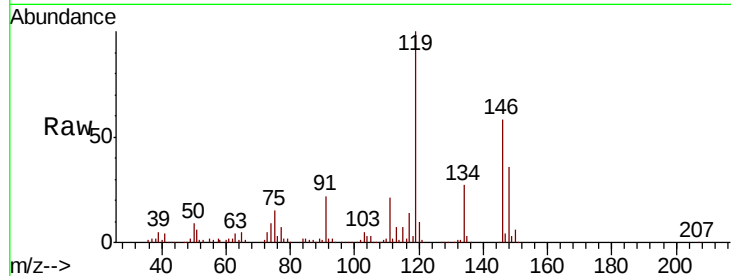




#87
 1,3-Dichlorobenzene
 Concen: 20.248 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

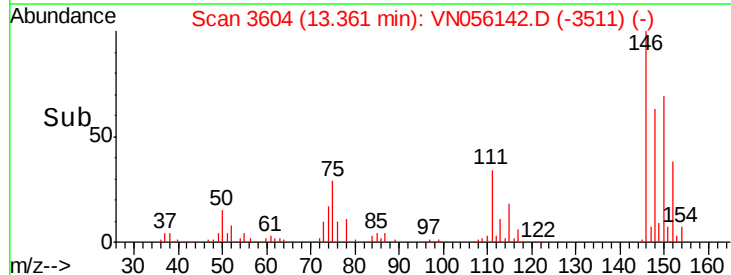
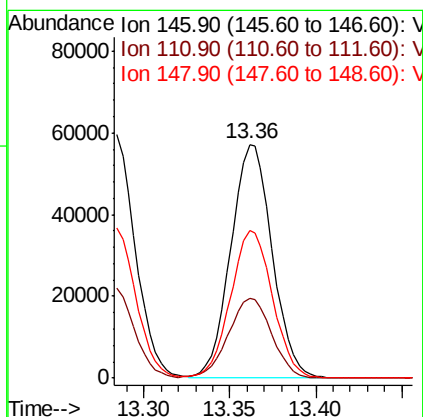
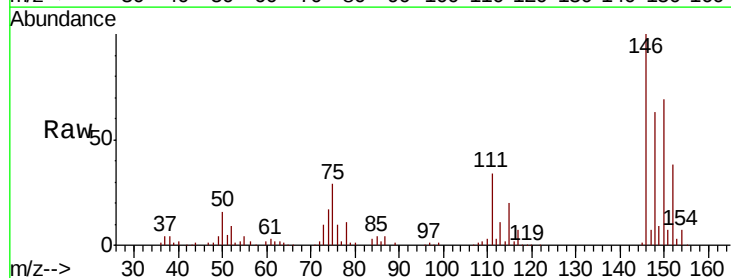
Instrument :
 MSVOA_N
 ClientSampleId :

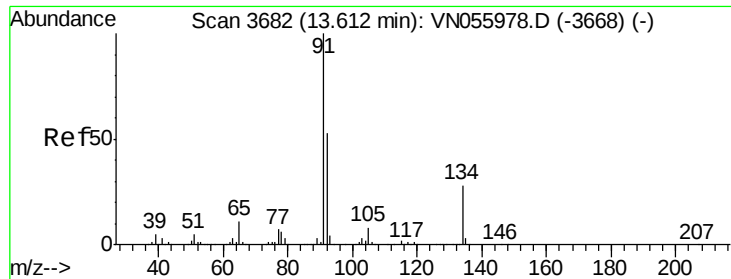
Tot Ion:146 Resp: 101034
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.5 55.5
 148 63.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.915 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion:146 Resp: 95588
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.1 54.4
 148 63.9 32.1 96.5

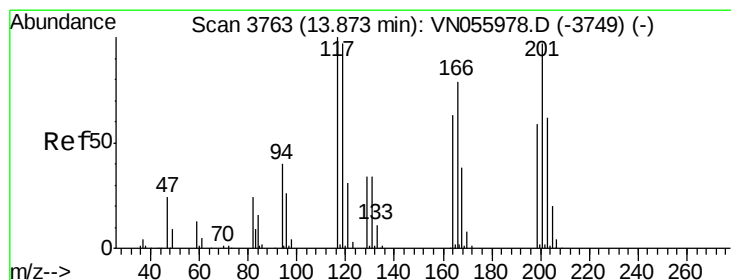
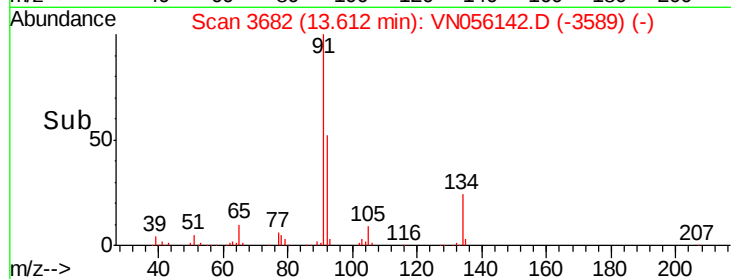
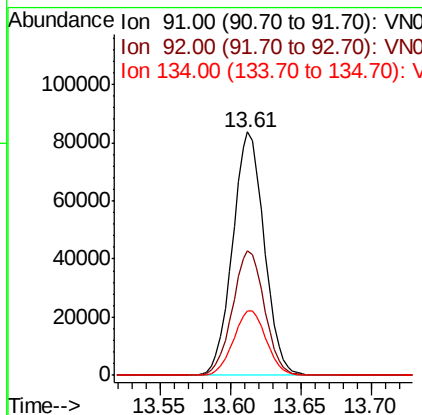
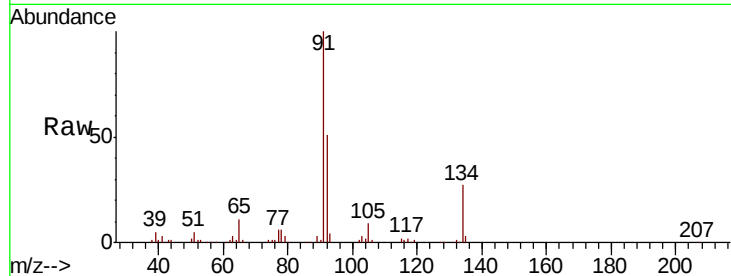




#89
n-Butylbenzene
Concen: 17.549 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

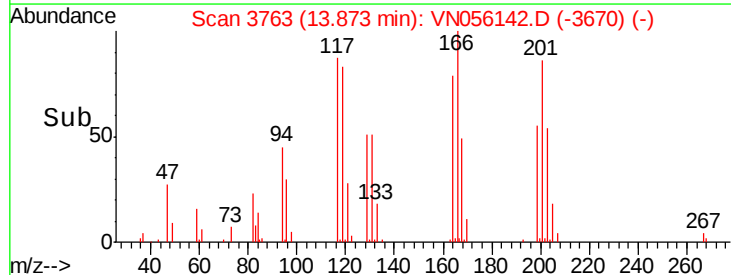
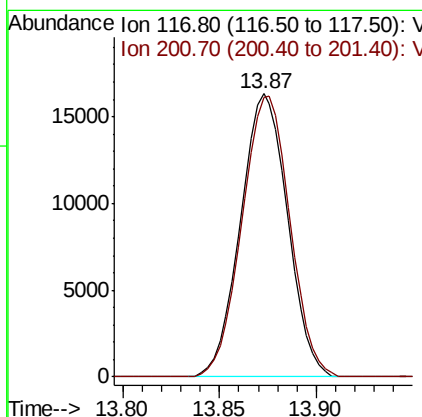
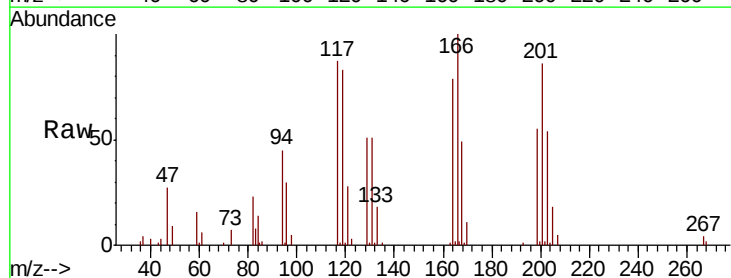
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 131257
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 27.5 13.9 41.7



#90
Hexachloroethane
Concen: 18.153 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056142.D
Acq: 8 Jun 2019 10:22

Tgt Ion: 117 Resp: 27642
Ion Ratio Lower Upper
117 100
201 101.0 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 20.924 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampleId :

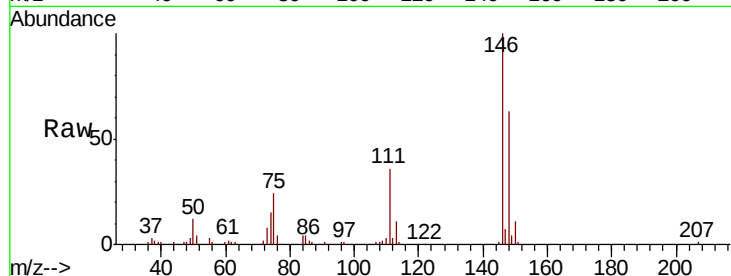
Tot Ion:146 Resp: 105407

Ion Ratio Lower Upper

146 100

111 36.5 19.1 57.5

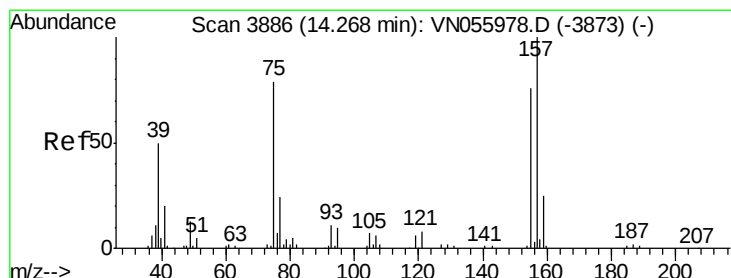
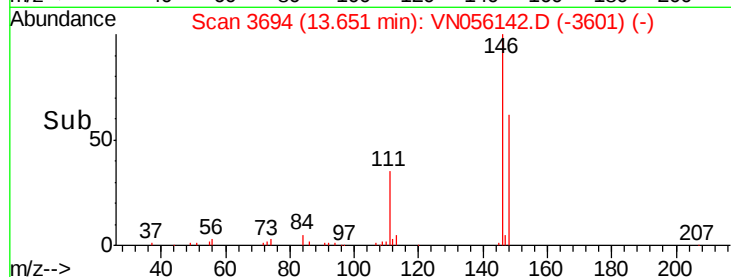
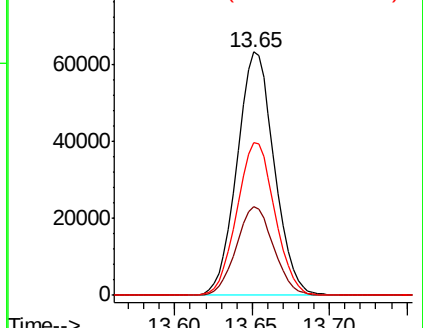
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.794 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

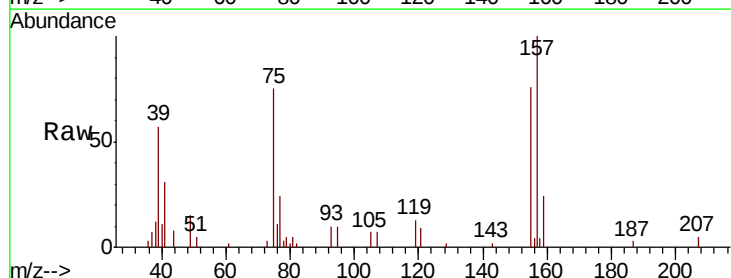
Tgt Ion: 75 Resp: 9397

Ion Ratio Lower Upper

75 100

155 112.1 50.0 150.1

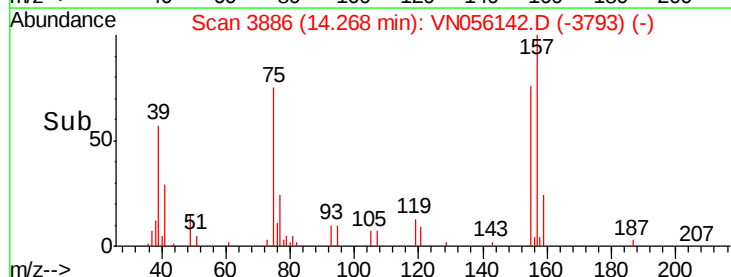
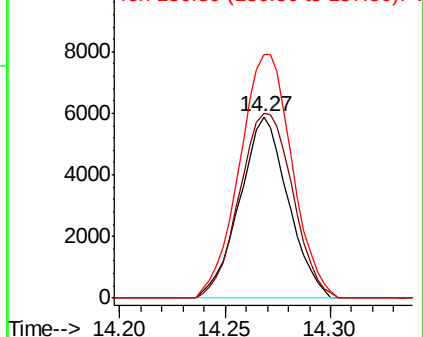
157 145.5 64.8 194.3

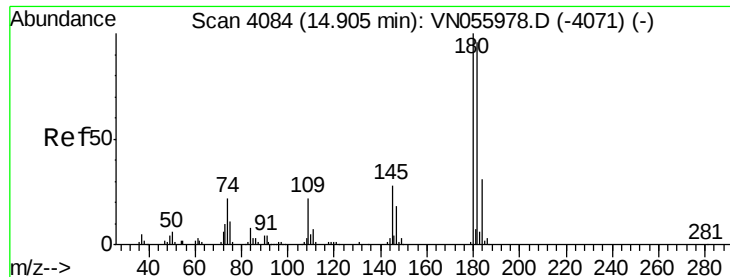


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

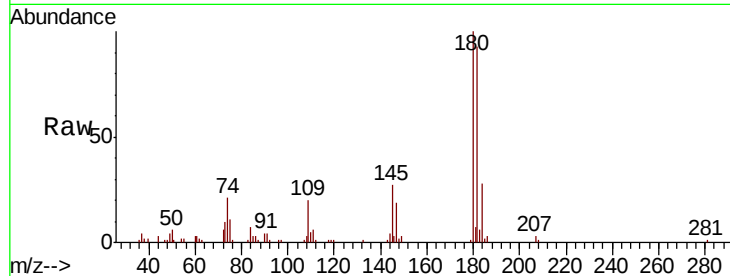




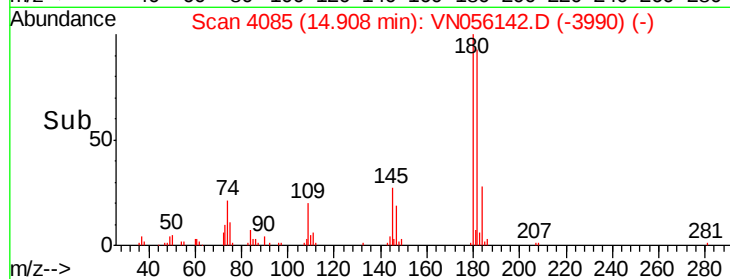
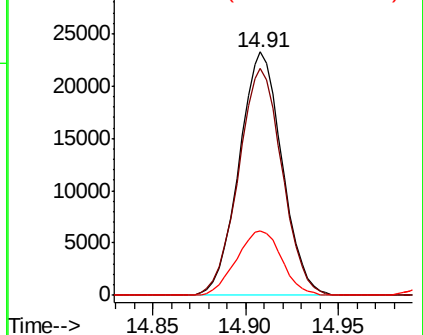
#93
 1,2,4-Trichlorobenzene
 Concen: 16.634 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 37529
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.3 144.9
 145 27.9 14.0 41.9

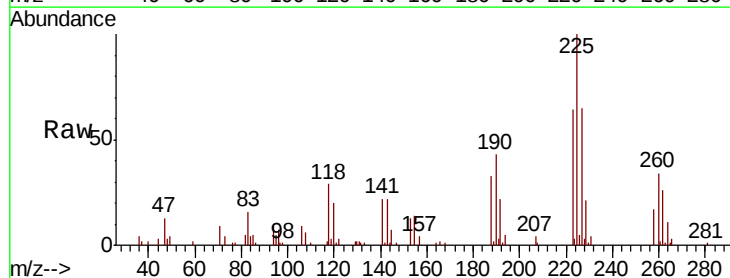


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

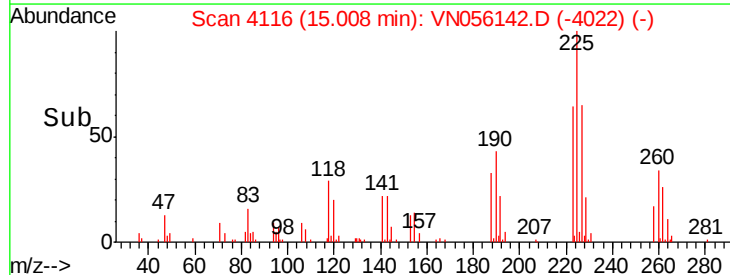
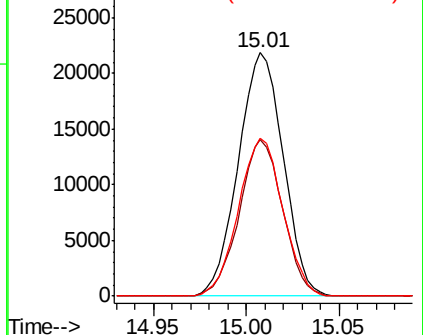


#94
 Hexachlorobutadiene
 Concen: 20.056 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056142.D
 Acq: 8 Jun 2019 10:22

Tgt Ion:225 Resp: 36811
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 64.1 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: 17.633 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

Instrument :

MSVOA_N

ClientSampled :

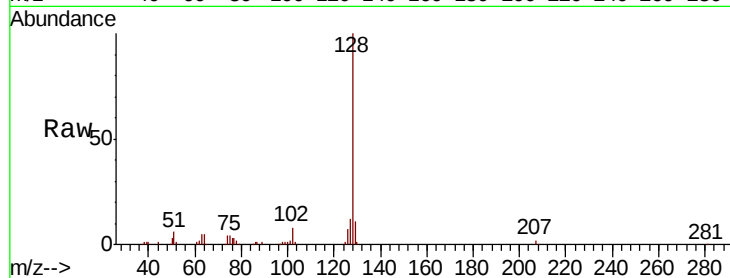
Tot Ion:128 Resp: 107545

Ion Ratio Lower Upper

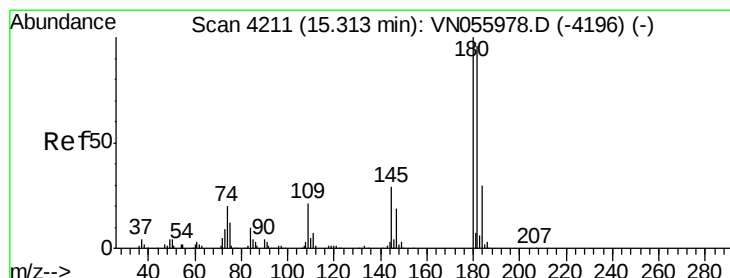
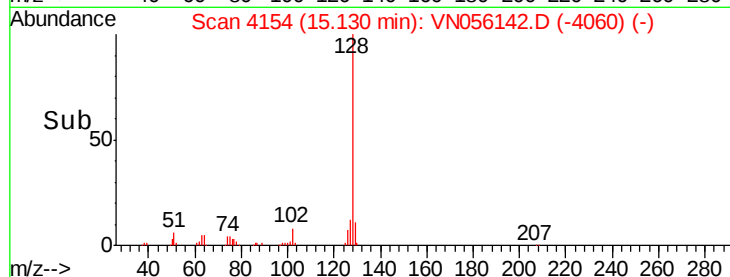
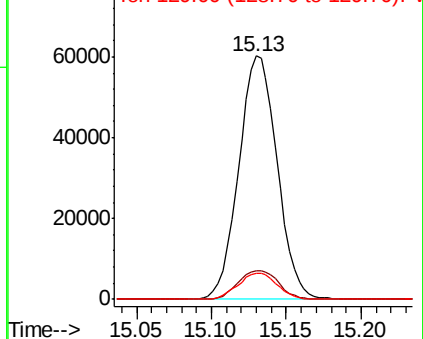
128 100

127 12.4 10.3 15.5

129 11.0 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: 17.895 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056142.D

Acq: 8 Jun 2019 10:22

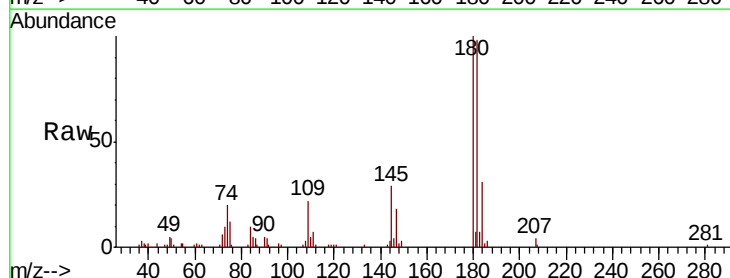
Tgt Ion:180 Resp: 44765

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

145 29.6 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

