

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056283.D
 Acq On : 13 Jun 2019 15:55
 Operator : JC/SP
 Sample : VN0613WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:13:07 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	7.67	168	328146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	515978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	450956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	171880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	183705	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
35) Dibromofluoromethane	7.59	113	164366	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.09	98	606254	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	197449	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	72400	20.295	ug/l	100
3) Chloromethane	2.06	50	77947	21.913	ug/l	100
4) Vinyl Chloride	2.18	62	78175	21.909	ug/l	98
5) Bromomethane	2.55	94	27101	12.024	ug/l	97
6) Chloroethane	2.69	64	46067	22.268	ug/l	99
7) Trichlorofluoromethane	3.01	101	99379	21.817	ug/l	100
8) Diethyl Ether	3.41	74	41566	22.190	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	63107	22.807	ug/l	97
10) Methyl Iodide	3.94	142	29047	6.606	ug/l	99
11) Tert butyl alcohol	4.81	59	57817	101.970	ug/l	96
12) 1,1-Dichloroethene	3.72	96	59747	21.689	ug/l	97
13) Acrolein	3.60	56	9804	59.953	ug/l	97
14) Allyl chloride	4.32	41	96742	22.240	ug/l	98
15) Acrylonitrile	4.99	53	175102	126.864	ug/l	100
16) Acetone	3.82	43	153732	98.654	ug/l	99
17) Carbon Disulfide	4.04	76	126214	19.135	ug/l	98
18) Methyl Acetate	4.33	43	89289	28.927	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	199637	22.736	ug/l	99
20) Methylene Chloride	4.54	84	70729	22.031	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	62830	21.287	ug/l	97
22) Diisopropyl ether	5.96	45	207791	23.109	ug/l	97
23) Vinyl Acetate	5.90	43	821310	115.986	ug/l	99
24) 1,1-Dichloroethane	5.85	63	120573	23.246	ug/l	99
25) 2-Butanone	6.85	43	231863	117.765	ug/l	99
26) 2,2-Dichloropropane	6.82	77	70929	17.525	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	76987	22.190	ug/l	99
28) Bromochloromethane	7.19	49	59103	24.096	ug/l	97
29) Tetrahydrofuran	7.22	42	156360	128.476	ug/l	98
30) Chloroform	7.37	83	122477	23.473	ug/l	100
31) Cyclohexane	7.65	56	108809	21.046	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	98503	22.607	ug/l	98
36) 1,1-Dichloropropene	7.79	75	85397	19.248	ug/l	99
37) Ethyl Acetate	6.94	43	87829	22.249	ug/l	99
38) Carbon Tetrachloride	7.77	117	82814	20.246	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056283.D
 Acq On : 13 Jun 2019 15:55
 Operator : JC/SP
 Sample : VN0613WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:13:07 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	102987	18.634	ug/l	99
40) Benzene	8.04	78	275444	20.441	ug/l	100
41) Methacrylonitrile	7.18	41	40420	22.254	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	92513	21.343	ug/l	100
43) Isopropyl Acetate	8.17	43	135169	21.130	ug/l	98
44) Trichloroethene	8.83	130	74946	19.355	ug/l	96
45) 1,2-Dichloropropane	9.12	63	74945	21.713	ug/l	98
46) Dibromomethane	9.21	93	48307	21.402	ug/l	98
47) Bromodichloromethane	9.40	83	90885	22.217	ug/l	100
48) Methyl methacrylate	9.20	41	69738	22.284	ug/l	98
49) 1,4-Dioxane	9.21	88	30255	447.801	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	452032	112.999	ug/l	100
52) Toluene	10.16	92	169977	20.271	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	83176	18.909	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	102662	20.878	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	72056	21.694	ug/l	98
56) Ethyl methacrylate	10.43	69	101846	21.018	ug/l	98
57) 1,3-Dichloropropane	10.71	76	119360	22.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	153441	89.989	ug/l	98
59) 2-Hexanone	10.75	43	314519	108.479	ug/l	100
60) Dibromochloromethane	10.90	129	70666	20.796	ug/l	98
61) 1,2-Dibromoethane	11.01	107	73156	21.545	ug/l	99
64) Tetrachloroethene	10.63	164	73833	18.914	ug/l	96
65) Chlorobenzene	11.43	112	184937	20.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	68075	21.967	ug/l	100
67) Ethyl Benzene	11.51	91	319477	20.471	ug/l	100
68) m/p-Xylenes	11.62	106	236364	39.647	ug/l	98
69) o-Xylene	11.95	106	119646	20.403	ug/l	99
70) Styrene	11.96	104	189483	20.336	ug/l	99
71) Bromoform	12.13	173	49367	20.676	ug/l #	100
73) Isopropylbenzene	12.25	105	315813	24.545	ug/l	100
74) N-amyl acetate	12.07	43	105562	23.040	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	102515	25.692	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	111543	35.269	ug/l #	100
77) Bromobenzene	12.53	156	100398	27.283	ug/l	77
78) n-propylbenzene	12.59	91	323072	22.218	ug/l	100
79) 2-Chlorotoluene	12.67	91	203254	23.993	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	255842	22.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19665	20.707	ug/l #	83
82) 4-Chlorotoluene	12.77	91	186927	21.973	ug/l	98
83) tert-Butylbenzene	12.99	119	228581	24.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	245364	22.389	ug/l	100
85) sec-Butylbenzene	13.17	105	284744	22.112	ug/l	99
86) p-Isopropyltoluene	13.29	119	244259	21.194	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	119505	20.983	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	111185	20.294	ug/l	99
89) n-Butylbenzene	13.61	91	163920	19.200	ug/l	99
90) Hexachloroethane	13.87	117	41589	23.929	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	121607	21.148	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14108	24.720	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
Data File : VN056283.D
Acq On : 13 Jun 2019 15:55
Operator : JC/SP
Sample : VN0613WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 14 01:13:07 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)
93) 1,2,4-Trichlorobenzene	14.91	180	42725	16.602	ug/l	98
94) Hexachlorobutadiene	15.01	225	43346	20.759	ug/l	97
95) Naphthalene	15.13	128	127933	18.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	51367	17.973	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

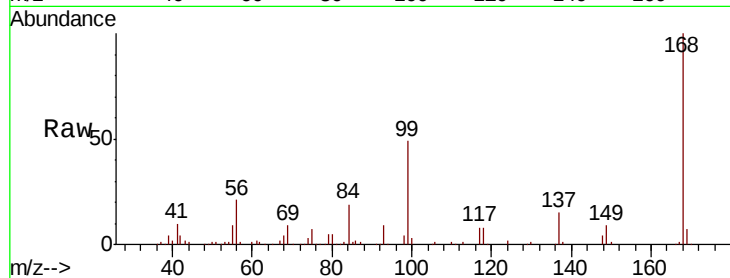
ClientSampleId :

Tot Ion:168 Resp: 328146

Ion Ratio Lower Upper

168 100

99 48.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.67

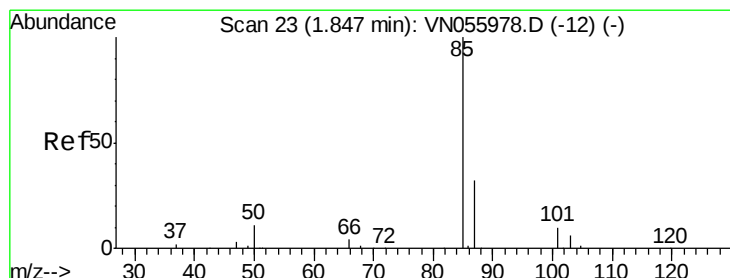
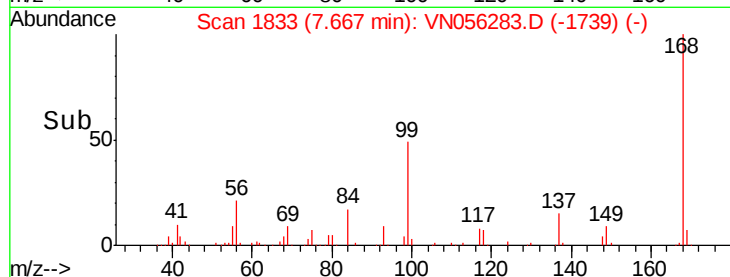
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.295 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056283.D

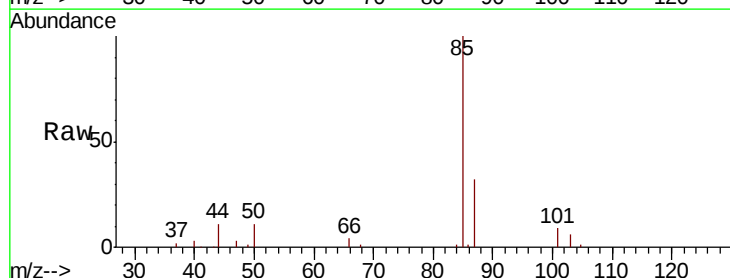
Acq: 13 Jun 2019 15:55

Tgt Ion: 85 Resp: 72400

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

50000

40000

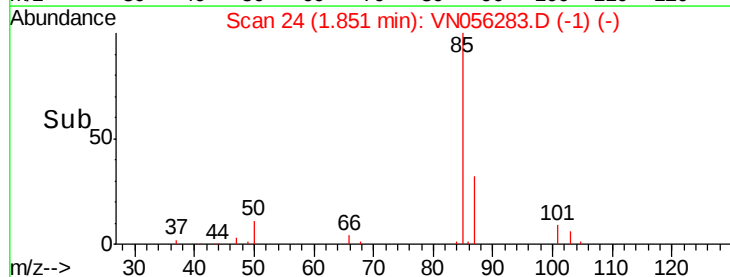
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.913 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

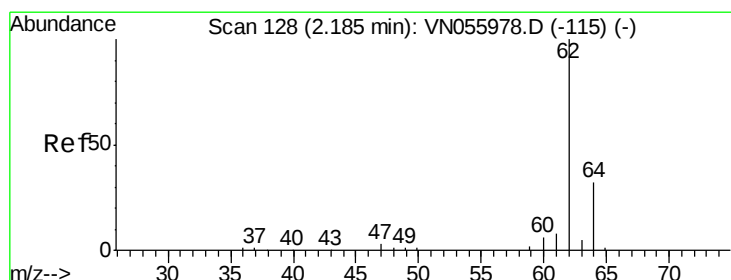
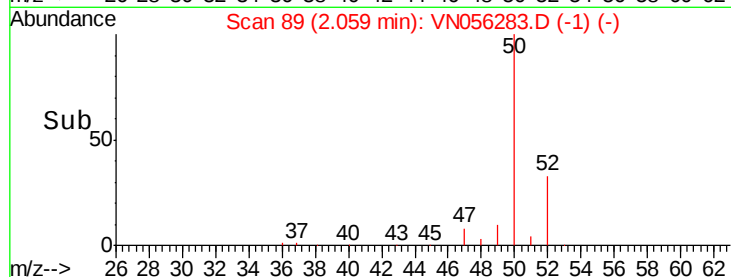
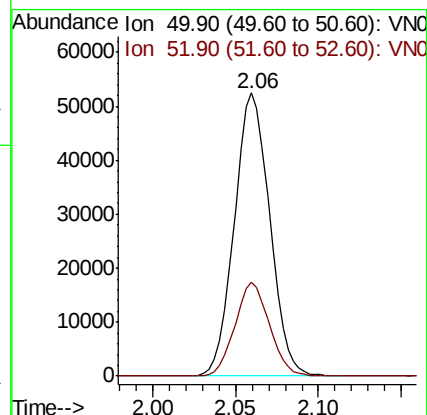
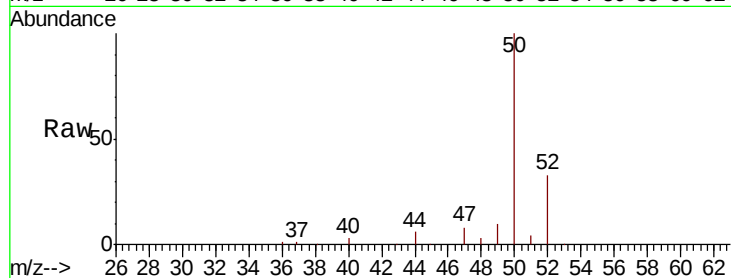
ClientSampled :

Tot Ion: 50 Resp: 77947

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 21.909 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056283.D

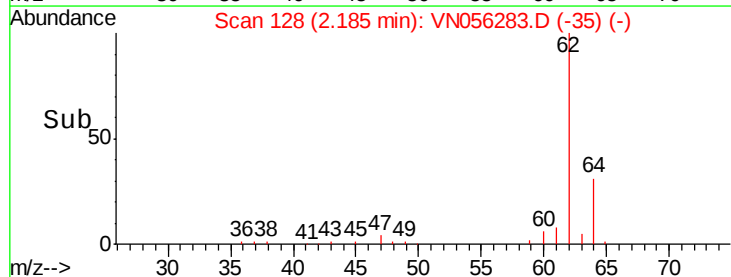
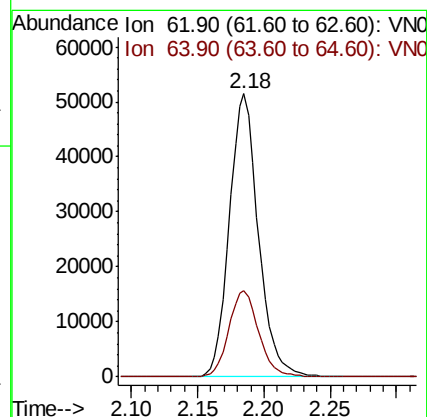
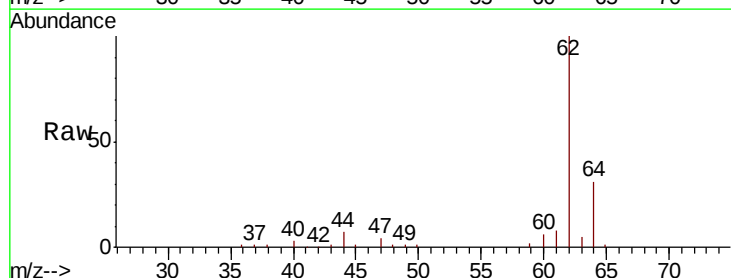
Acq: 13 Jun 2019 15:55

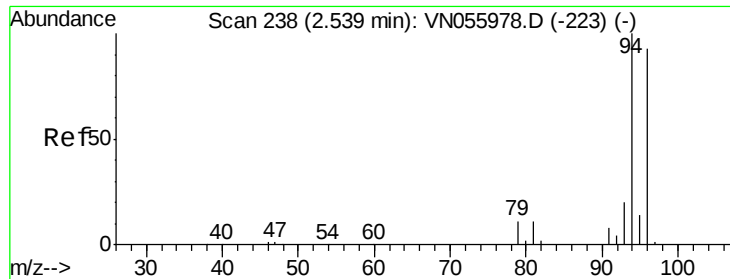
Tgt Ion: 62 Resp: 78175

Ion Ratio Lower Upper

62 100

64 30.6 25.6 38.4

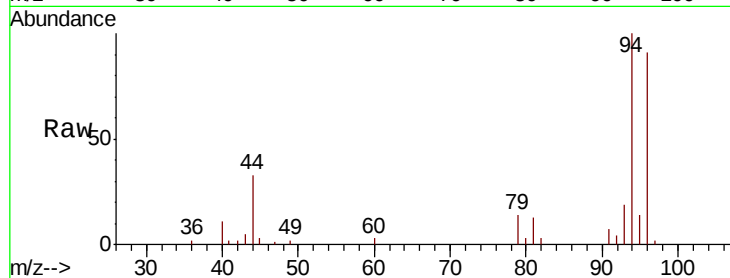




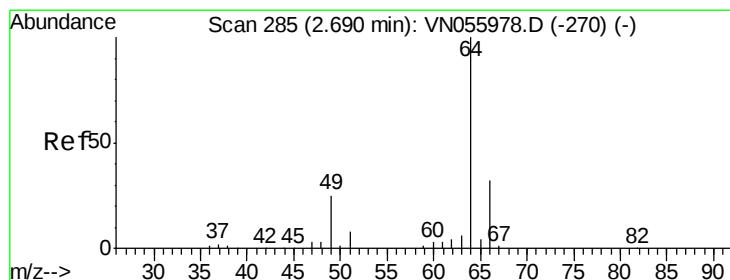
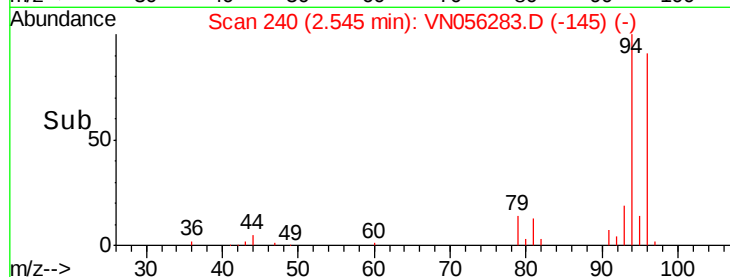
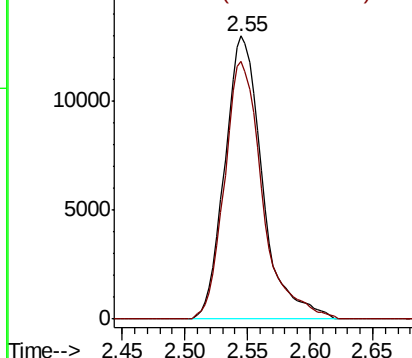
#5
Bromomethane
Concen: 12.024 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 27101
Ion Ratio Lower Upper
94 100
96 91.0 75.5 113.3

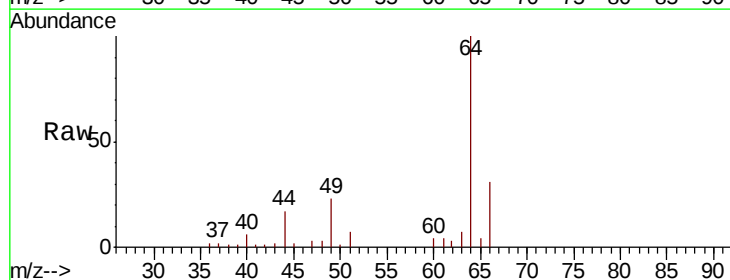


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

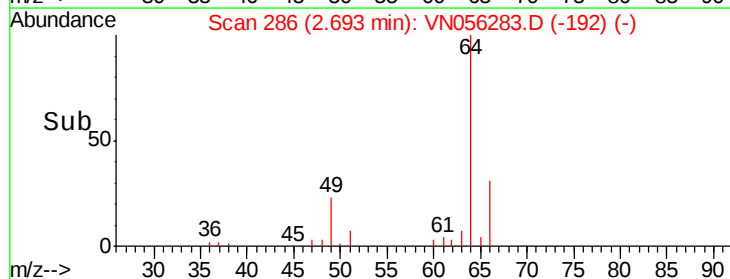
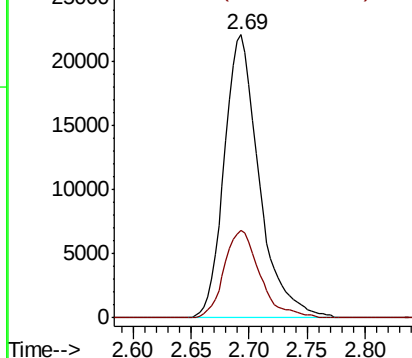


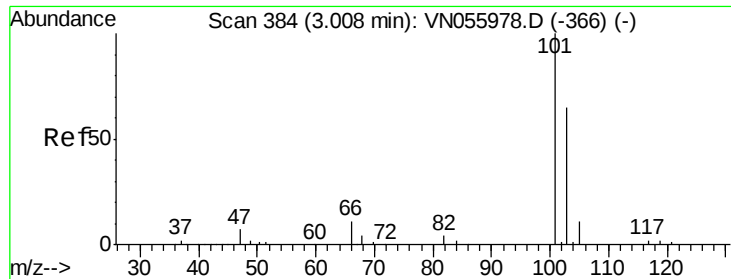
#6
Chloroethane
Concen: 22.268 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 64 Resp: 46067
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



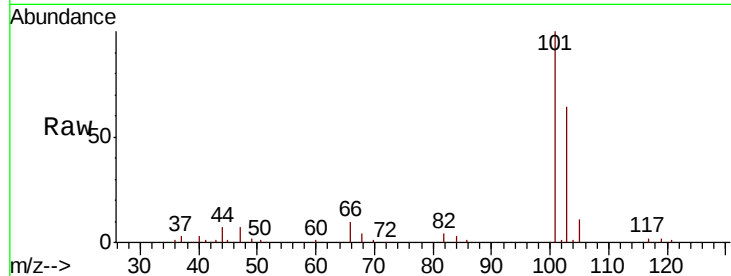


#7

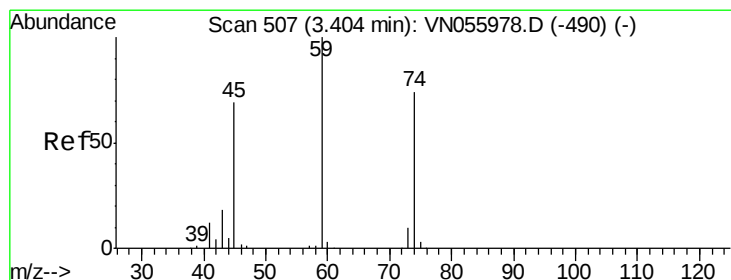
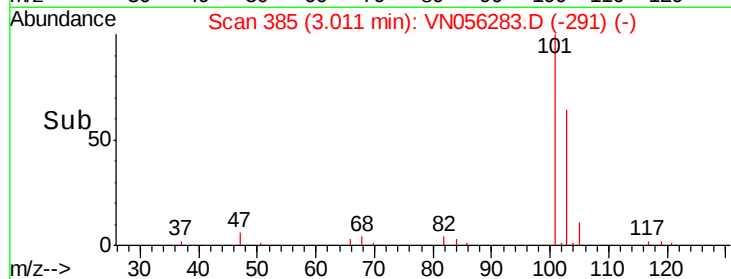
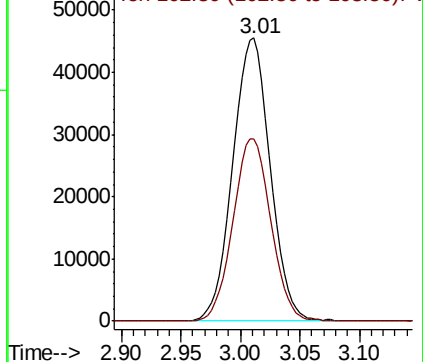
Trichlorofluoromethane
Concen: 21.817 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 99379
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8



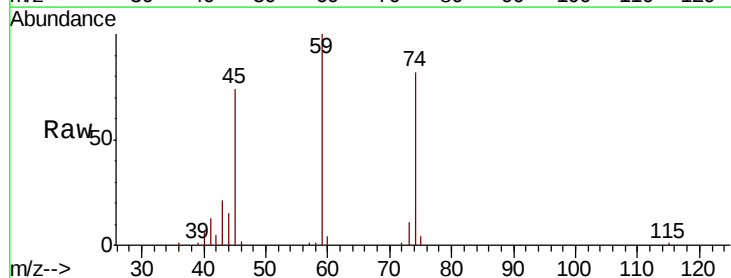
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



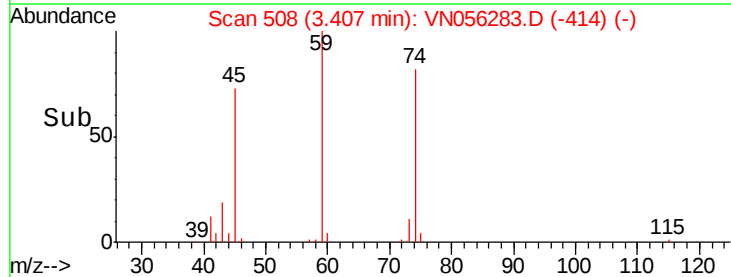
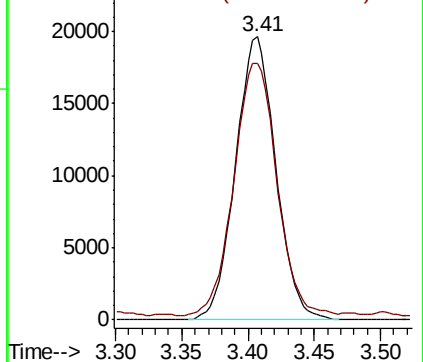
#8

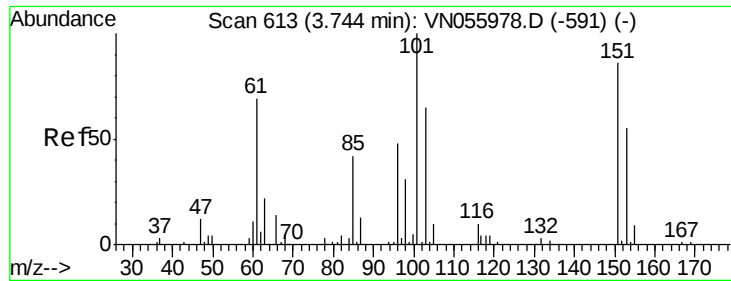
Diethyl Ether
Concen: 22.190 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 74 Resp: 41566
Ion Ratio Lower Upper
74 100
45 94.3 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: 22.807 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

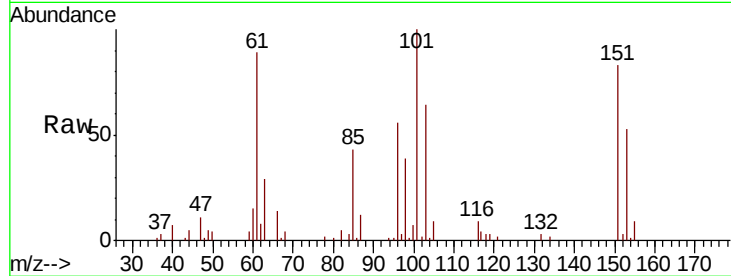
Tot Ion:101 Resp: 63107

Ion Ratio Lower Upper

101 100

85 42.3 33.4 50.2

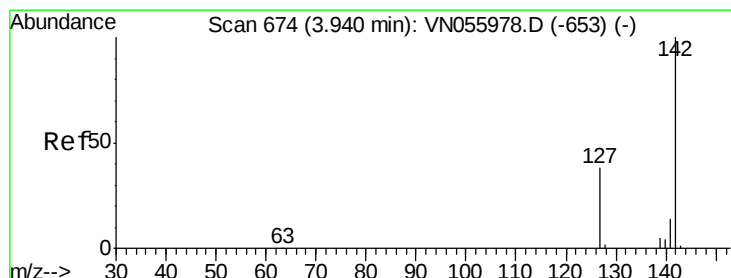
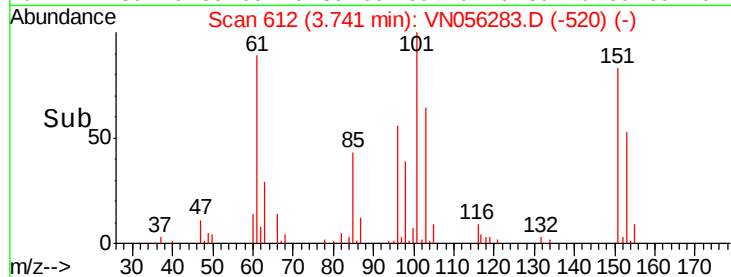
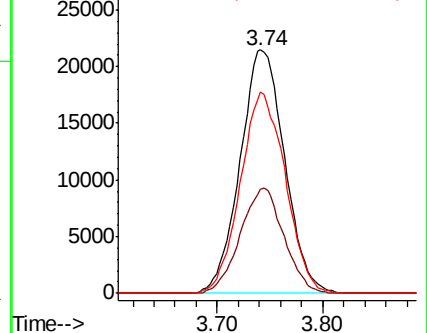
151 83.2 69.4 104.2



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: 6.606 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

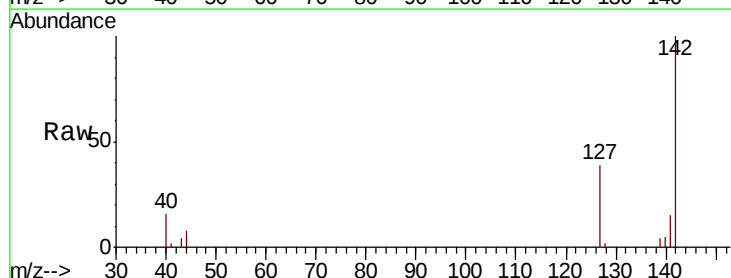
Tgt Ion:142 Resp: 29047

Ion Ratio Lower Upper

142 100

127 37.9 31.0 46.4

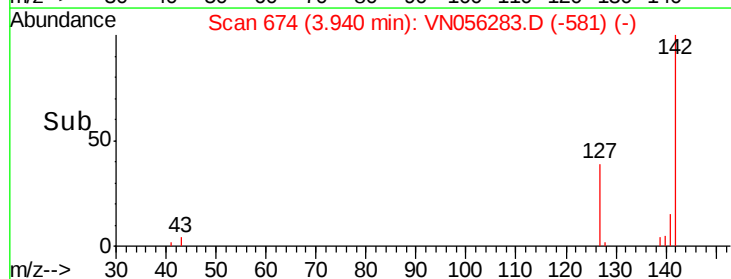
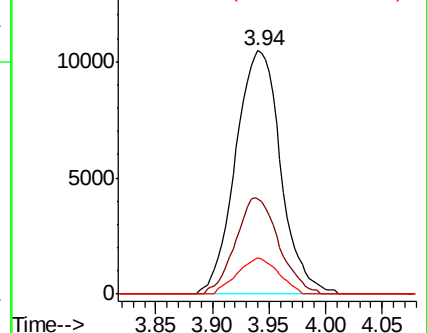
141 13.5 11.4 17.0

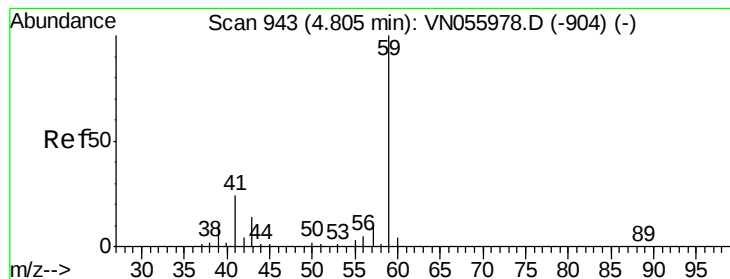


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



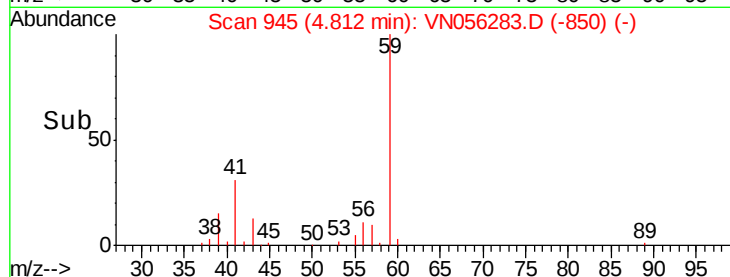
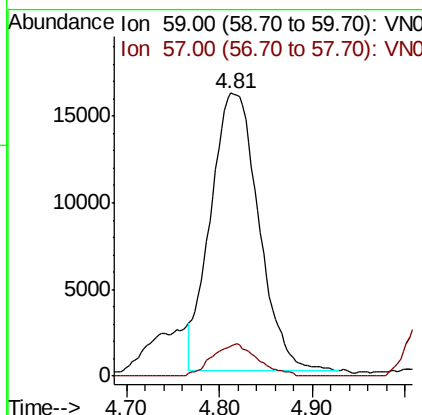
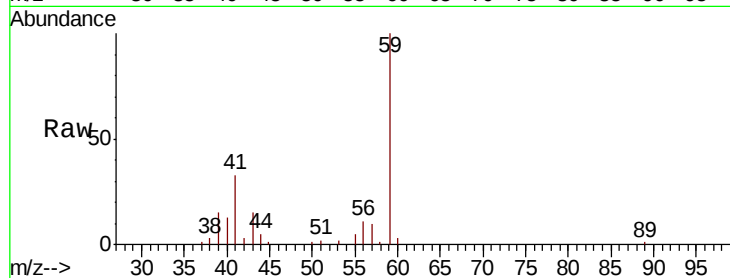


#11

Tert butyl alcohol
 Concen: 101.970 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Instrument :
 MSVOA_N
 ClientSampleId :

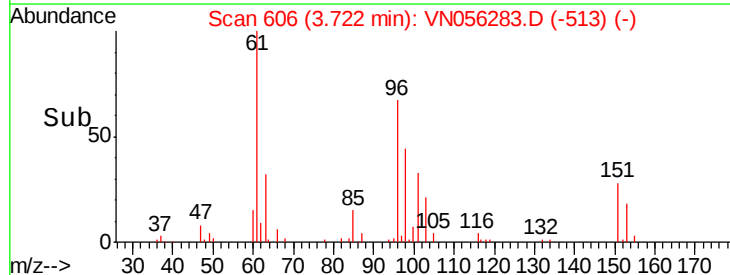
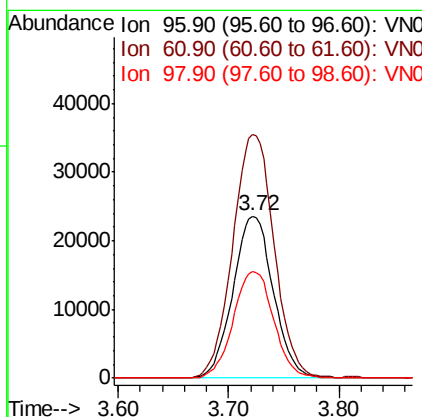
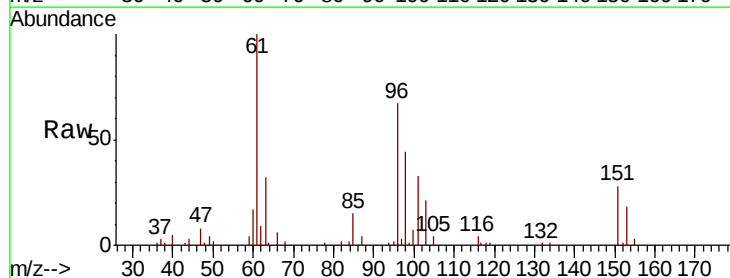
Tot Ion: 59 Resp: 57817
 Ion Ratio Lower Upper
 59 100
 57 11.0 7.8 11.6

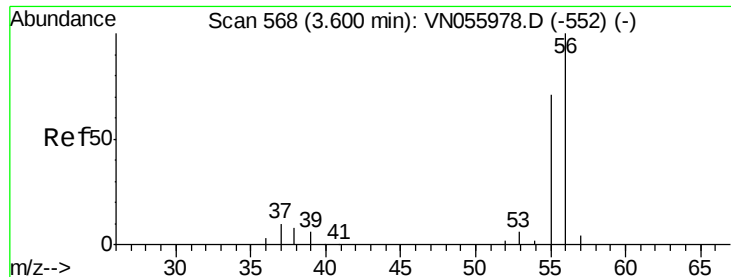


#12

1,1-Dichloroethene
 Concen: 21.689 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Tgt Ion: 96 Resp: 59747
 Ion Ratio Lower Upper
 96 100
 61 150.1 123.2 184.8
 98 65.5 50.4 75.6





#13

Acrolein

Concen: 59.953 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

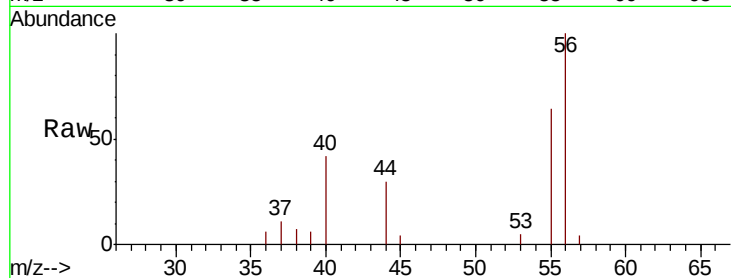
ClientSampled :

Tot Ion: 56 Resp: 9804

Ion Ratio Lower Upper

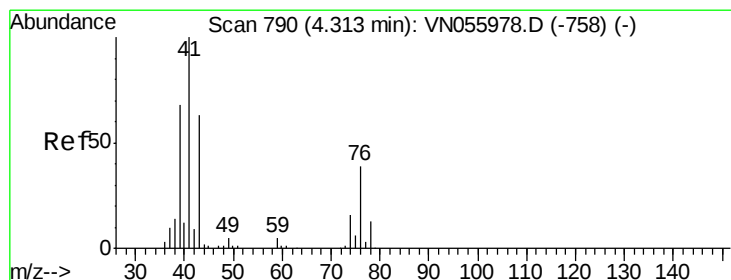
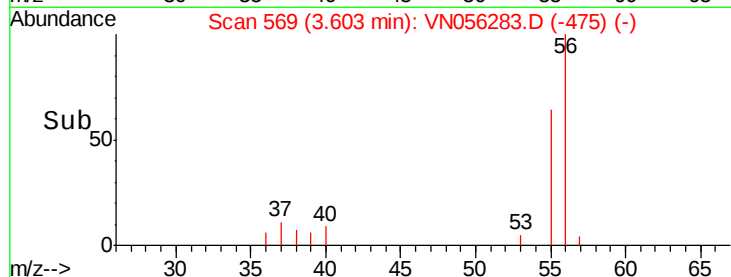
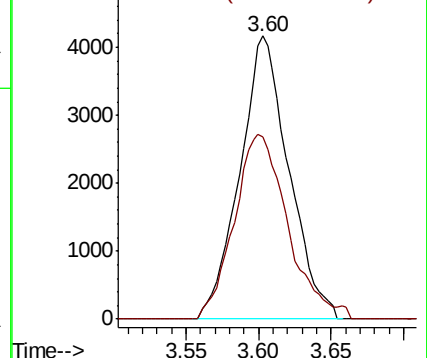
56 100

55 71.5 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: 22.240 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

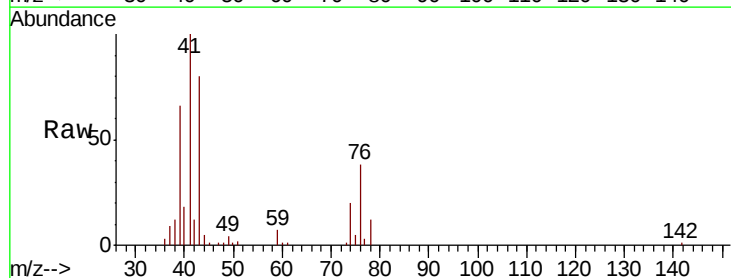
Tgt Ion: 41 Resp: 96742

Ion Ratio Lower Upper

41 100

39 61.4 50.0 75.0

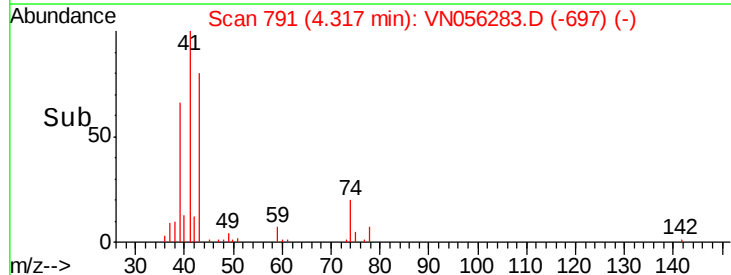
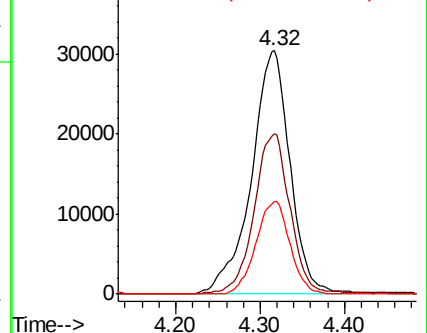
76 33.4 28.2 42.2

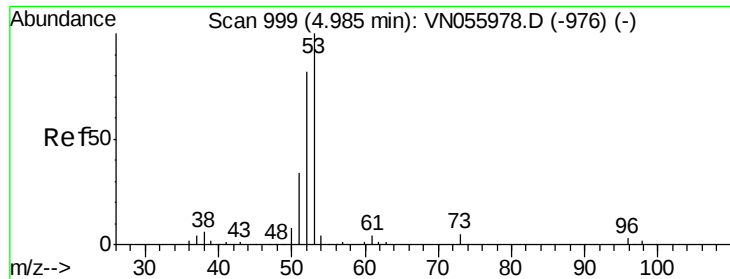


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 126.864 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

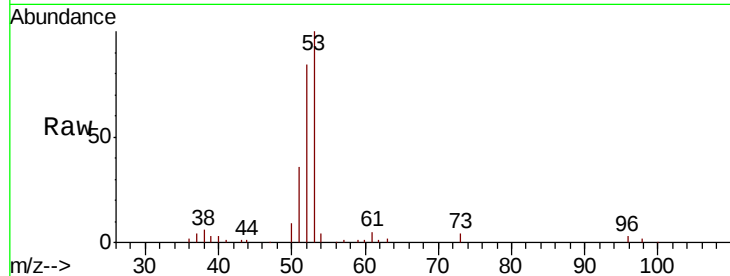
Tot Ion: 53 Resp: 175102

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.8

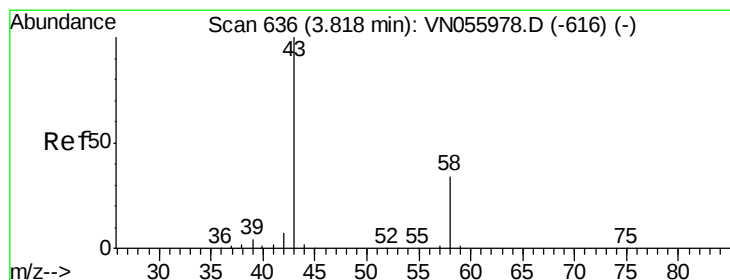
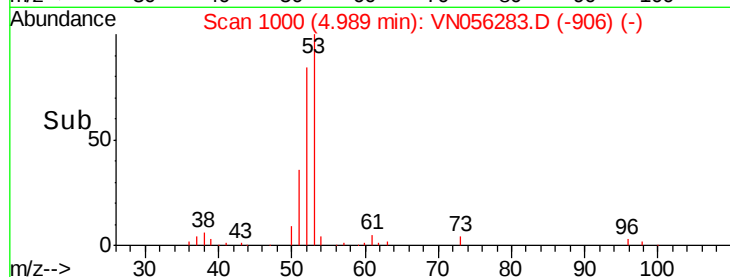
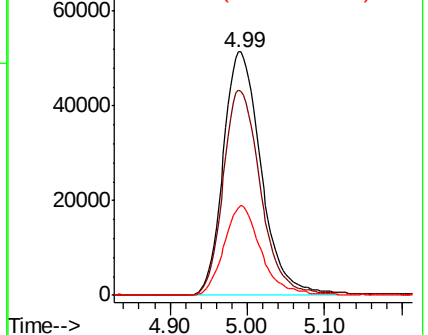
51 35.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 98.654 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056283.D

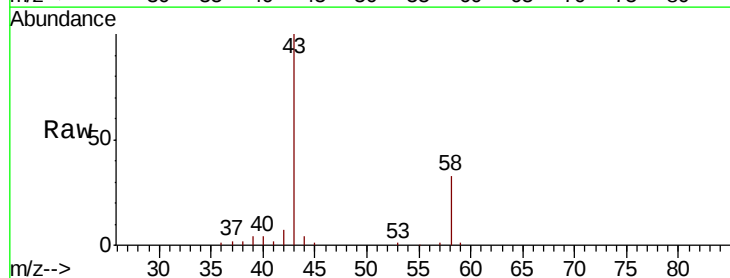
Acq: 13 Jun 2019 15:55

Tgt Ion: 43 Resp: 153732

Ion Ratio Lower Upper

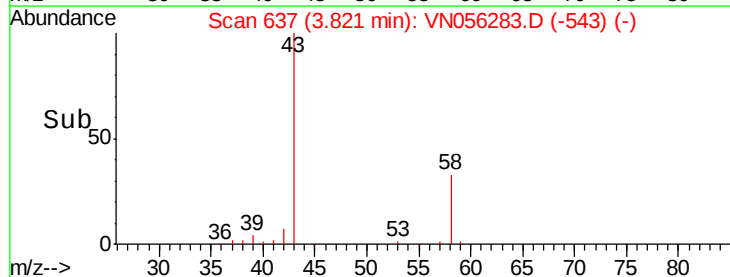
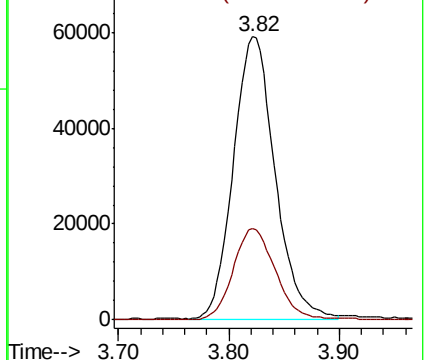
43 100

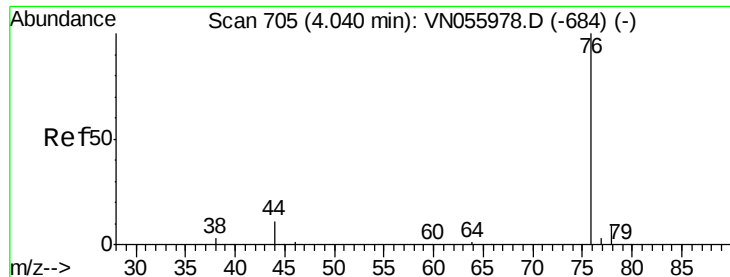
58 32.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

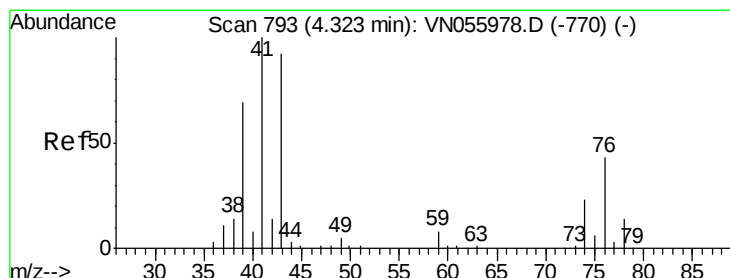
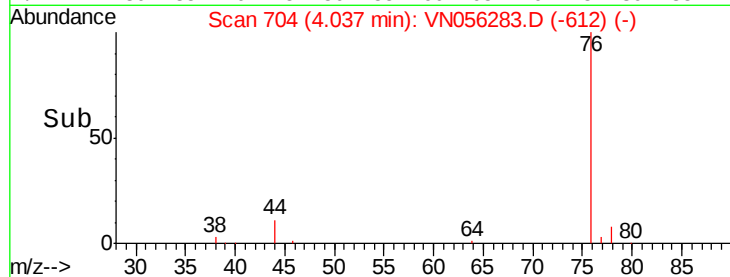
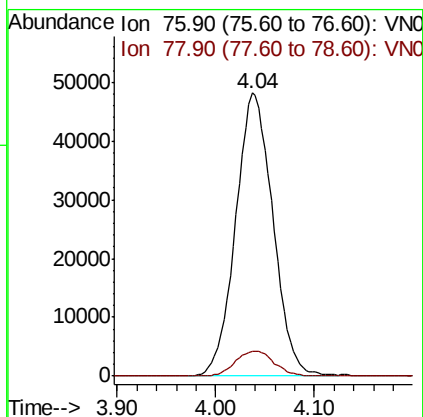
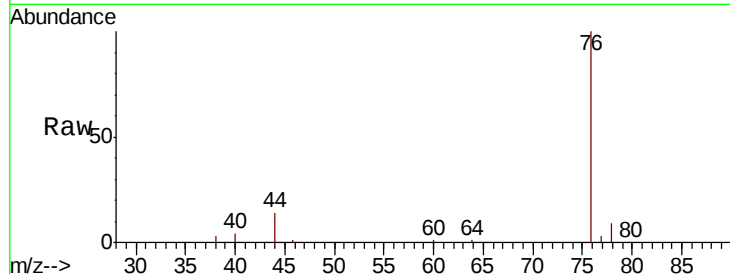




#17
Carbon Disulfide
Concen: 19.135 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

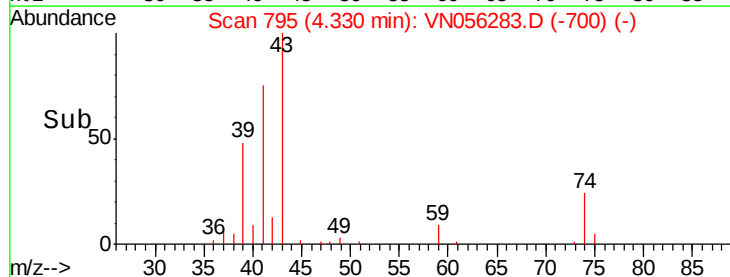
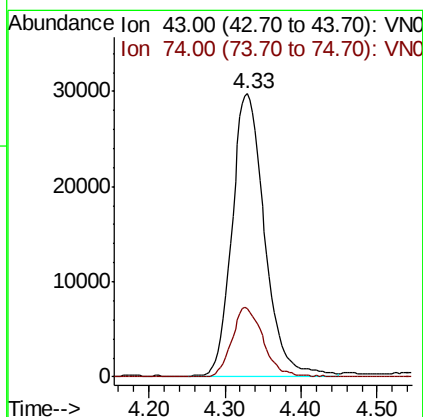
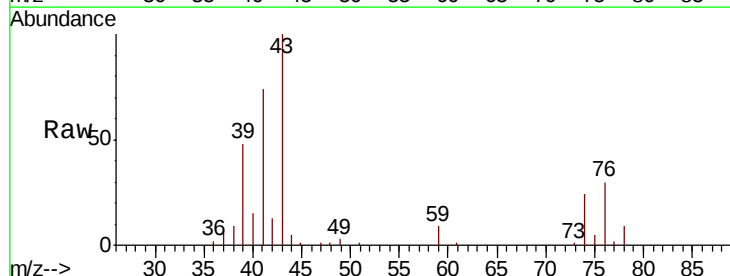
Instrument :
MSVOA_N
ClientSampled :

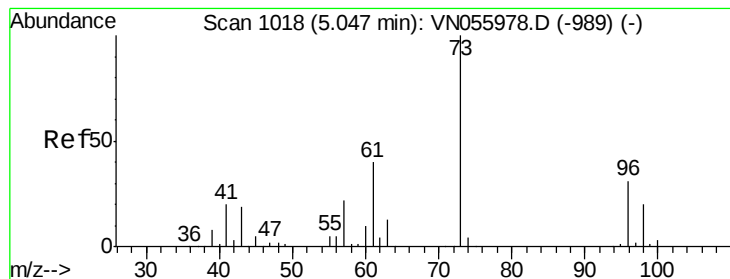
Tot Ion: 76 Resp: 126214
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 28.927 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 43 Resp: 89289
Ion Ratio Lower Upper
43 100
74 23.3 19.3 28.9



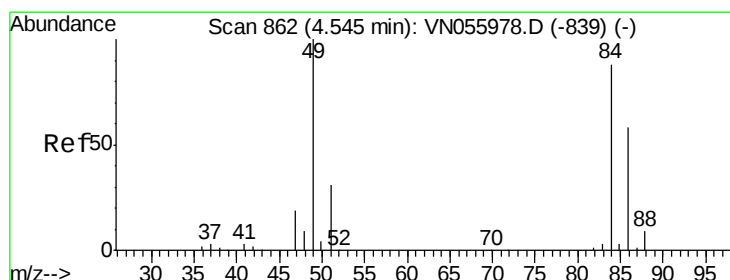
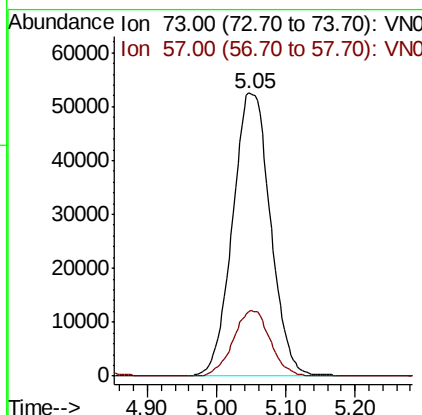
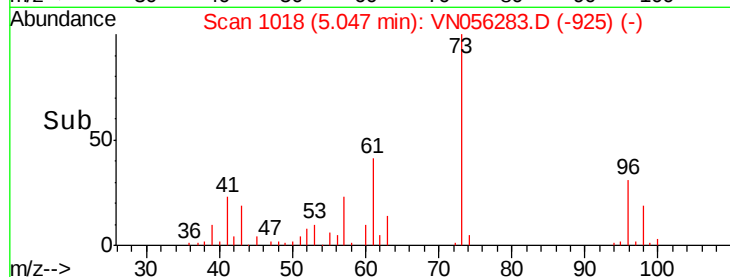
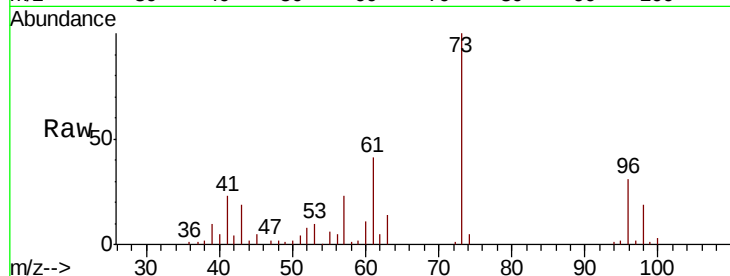


#19

Methyl tert-butyl Ether
 Concen: 22.736 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Instrument :
 MSVOA_N
 ClientSampled :

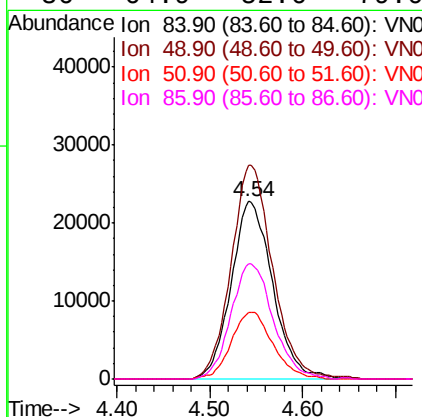
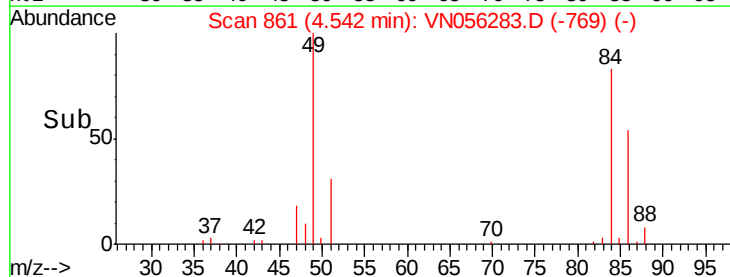
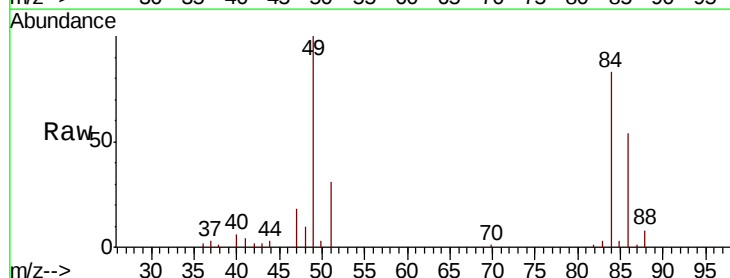
Tot Ion: 73 Resp: 199637
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.8 26.8

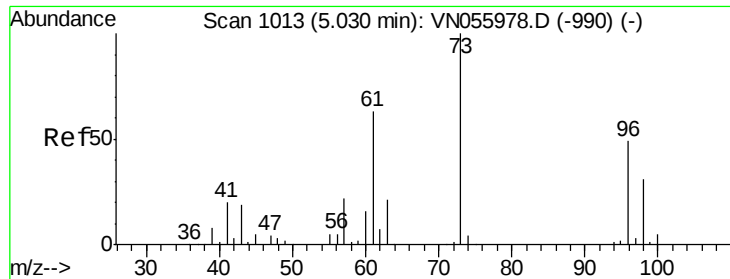


#20

Methylene Chloride
 Concen: 22.031 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Tgt Ion: 84 Resp: 70729
 Ion Ratio Lower Upper
 84 100
 49 120.1 93.5 140.3
 51 37.3 28.6 43.0
 86 64.9 52.6 79.0

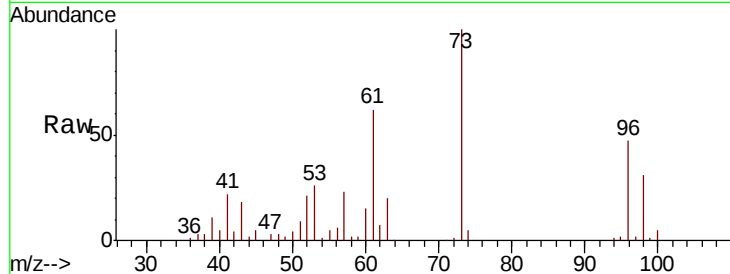




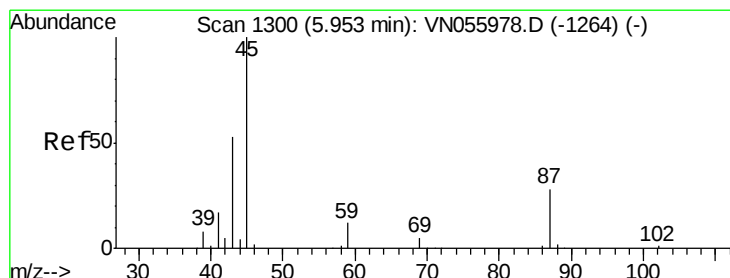
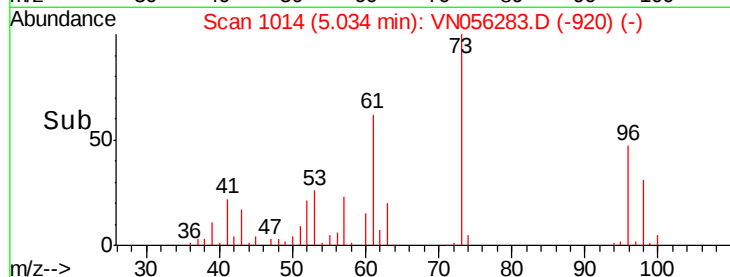
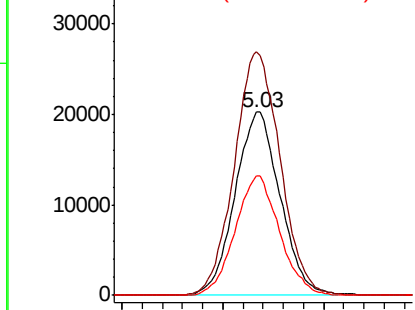
#21
trans-1,2-Dichloroethene
Concen: 21.287 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 62830
Ion Ratio Lower Upper
96 100
61 132.0 107.8 161.8
98 65.2 49.8 74.8

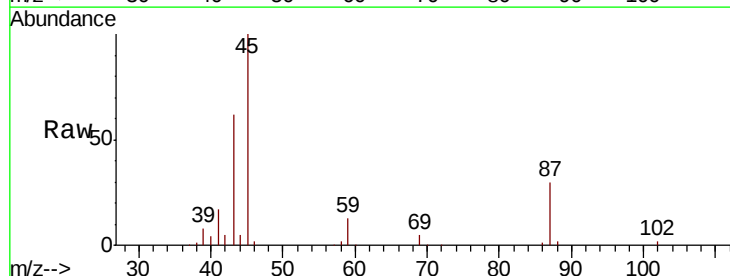


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

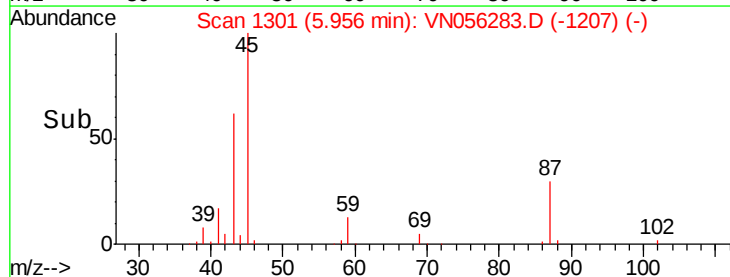
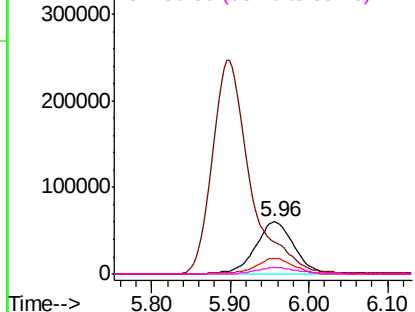


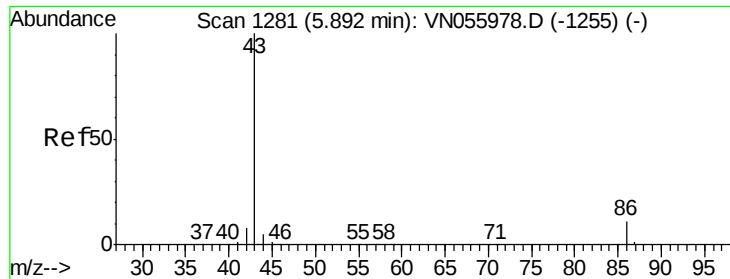
#22
Diisopropyl ether
Concen: 23.109 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 45 Resp: 207791
Ion Ratio Lower Upper
45 100
43 58.3 45.0 67.6
87 29.2 22.2 33.4
59 12.9 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: 115.986 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

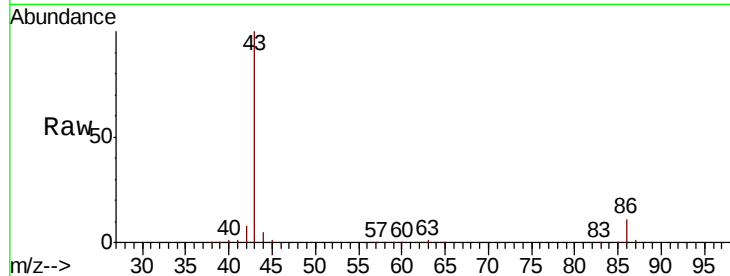
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 821310

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

250000

200000

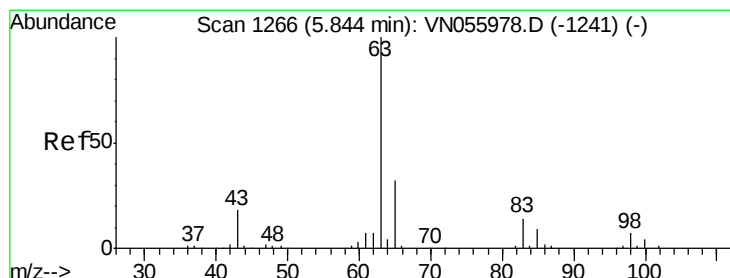
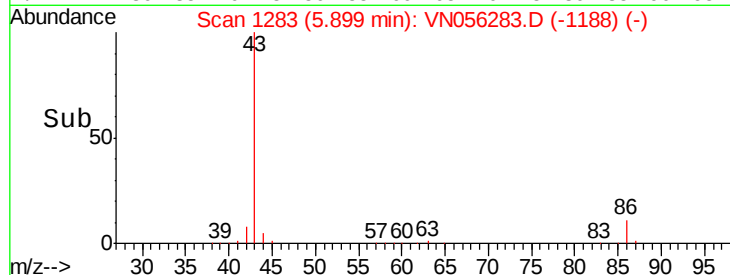
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.246 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

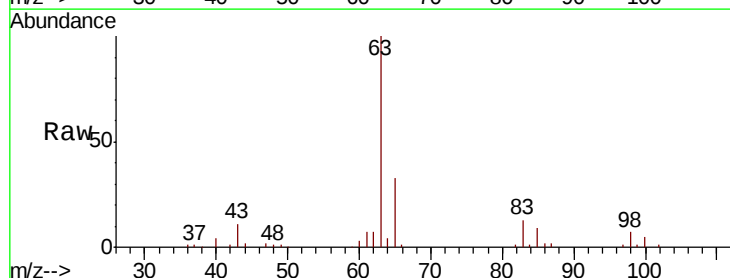
Tgt Ion: 63 Resp: 120573

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

50000

40000

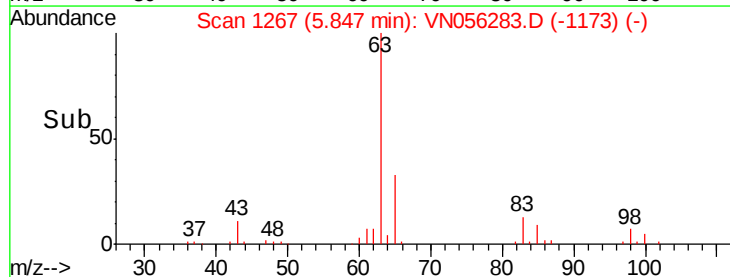
30000

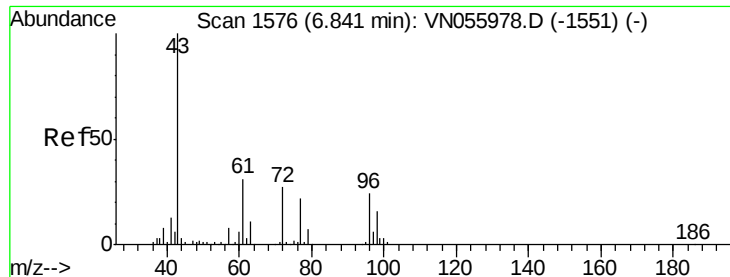
20000

10000

0

Time-->

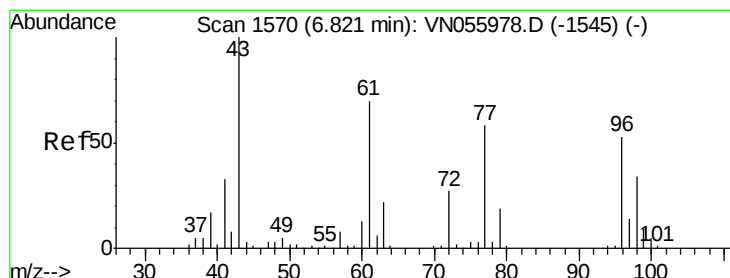
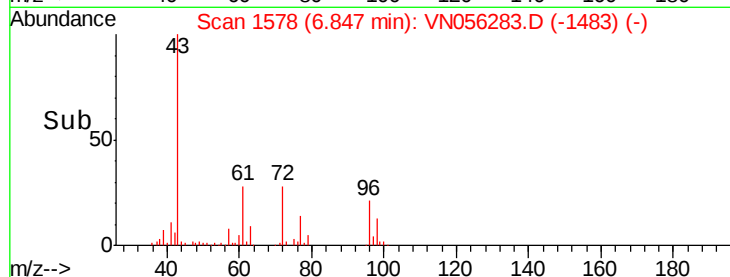
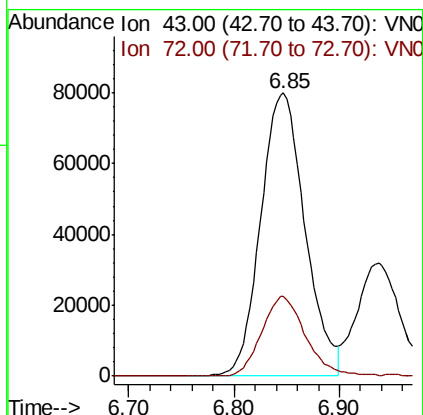
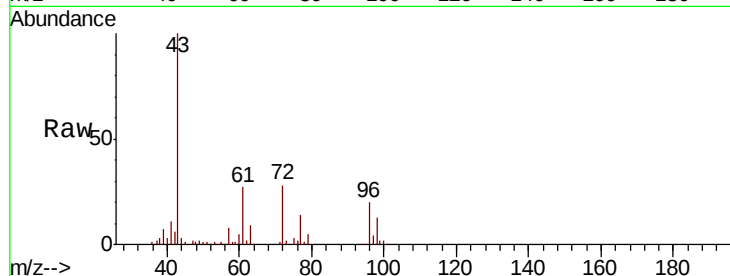




#25
2-Butanone
Concen: 117.765 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

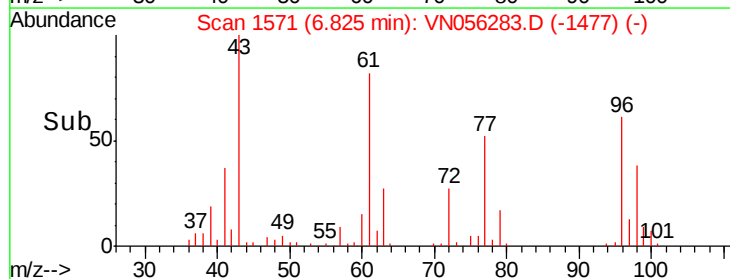
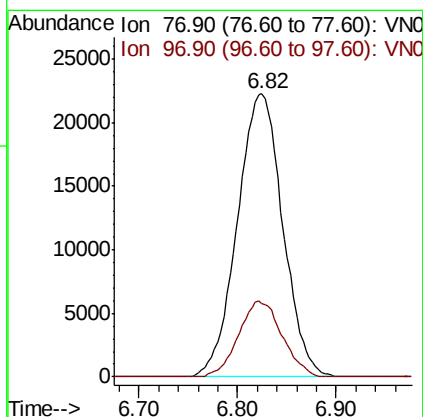
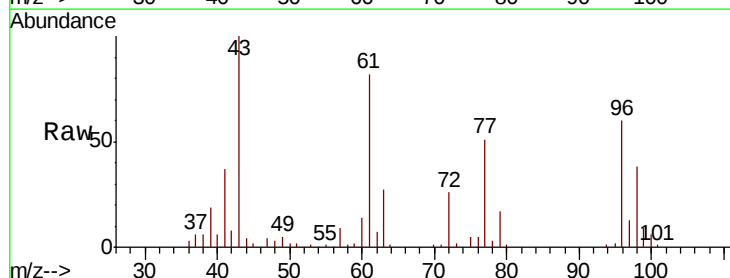
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 231863
Ion Ratio Lower Upper
43 100
72 28.2 21.9 32.9



#26
2,2-Dichloropropane
Concen: 17.525 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 77 Resp: 70929
Ion Ratio Lower Upper
77 100
97 25.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 22.190 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampled :

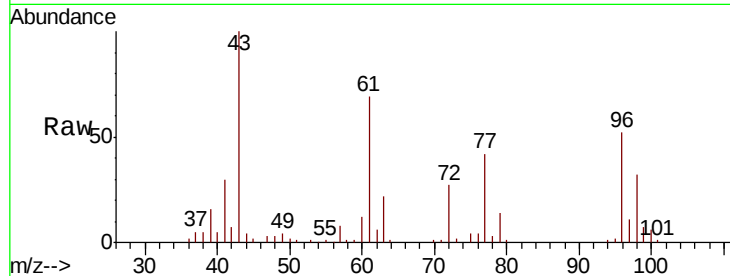
Tot Ion: 96 Resp: 76987

Ion Ratio Lower Upper

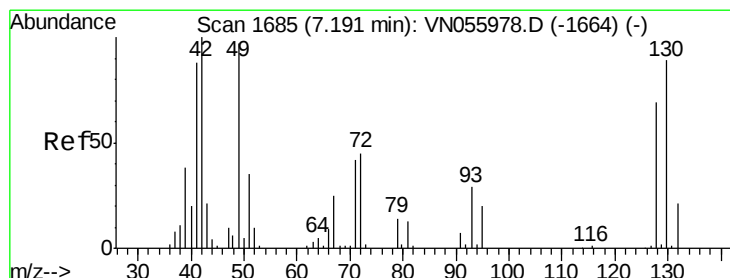
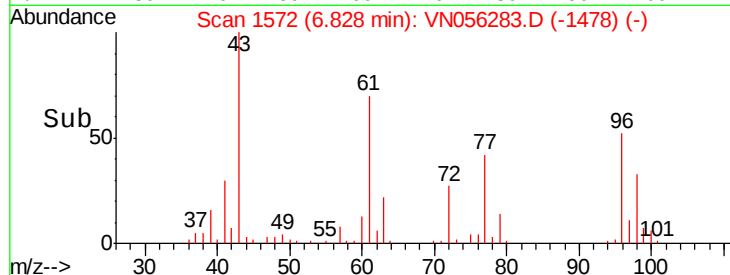
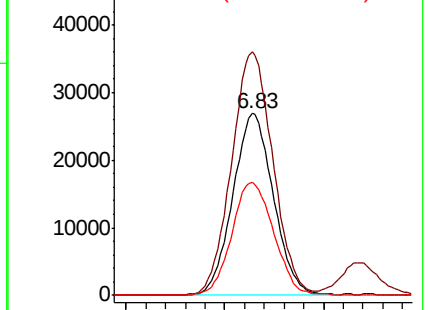
96 100

61 136.4 0.0 275.8

98 64.1 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: 24.096 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

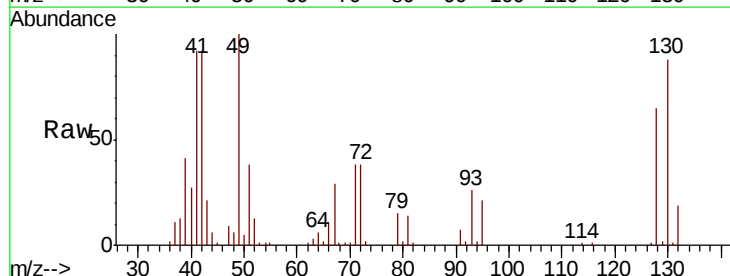
Tgt Ion: 49 Resp: 59103

Ion Ratio Lower Upper

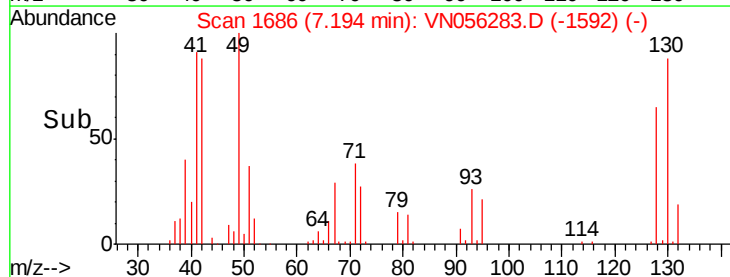
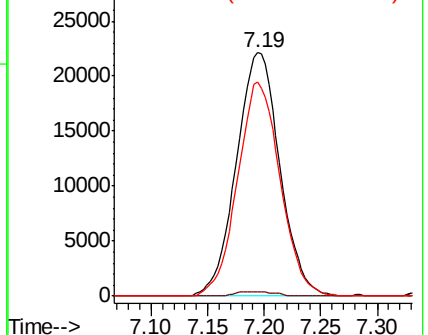
49 100

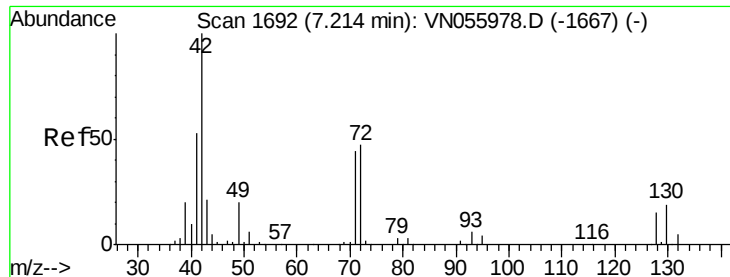
129 0.8 0.0 4.4

130 86.3 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

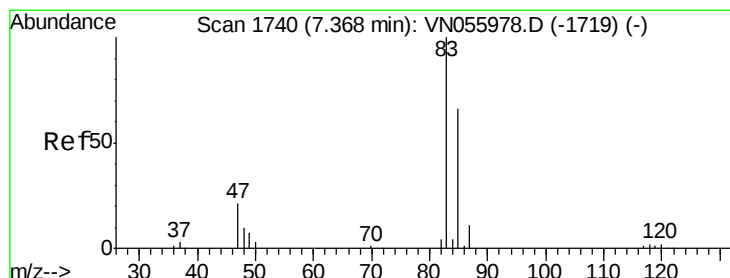
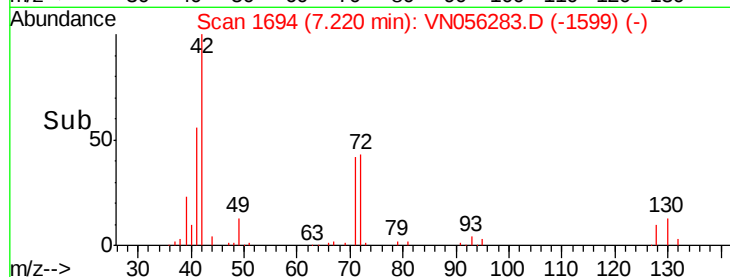
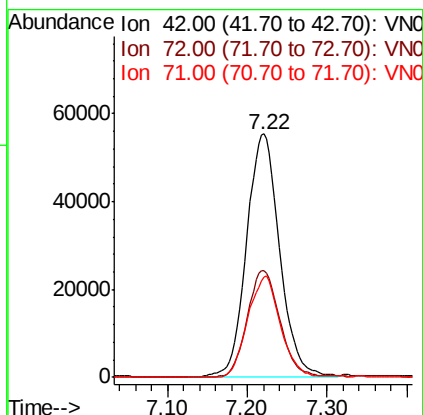
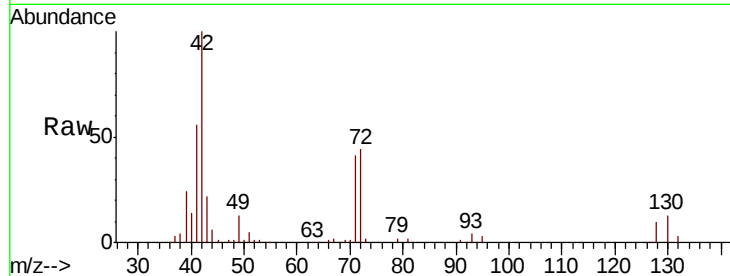




#29
Tetrahydrofuran
Concen: 128.476 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

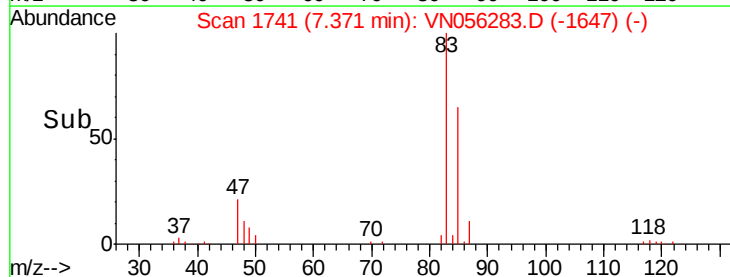
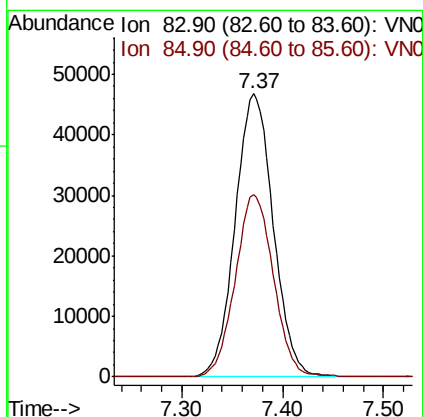
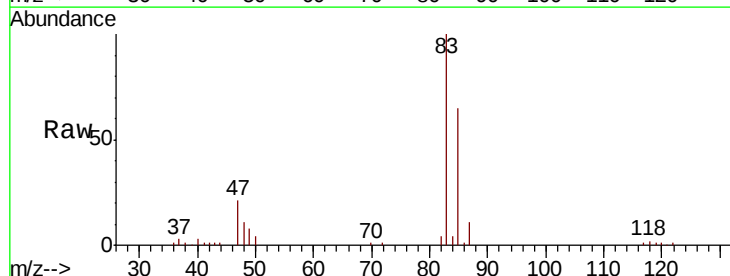
Instrument :
MSVOA_N
ClientSampleId :

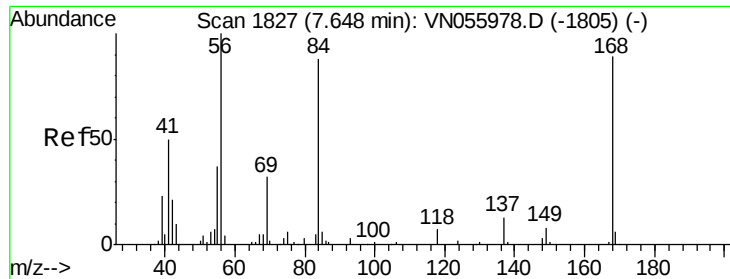
Tot Ion: 42 Resp: 156360
Ion Ratio Lower Upper
42 100
72 43.4 35.9 53.9
71 40.9 34.0 51.0



#30
Chloroform
Concen: 23.473 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 83 Resp: 122477
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8

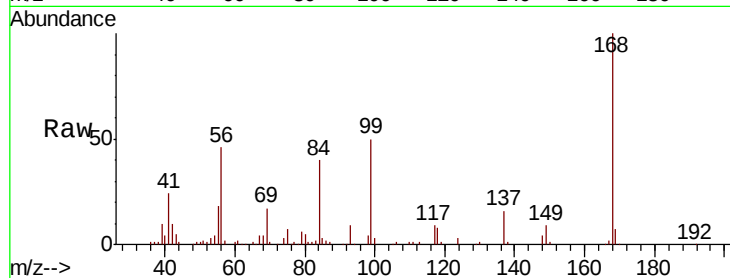




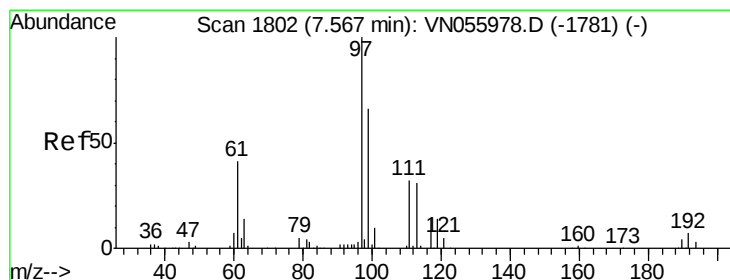
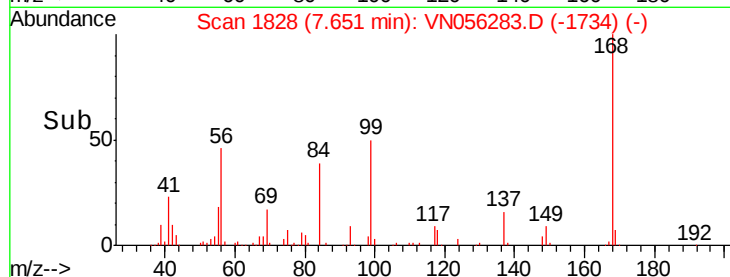
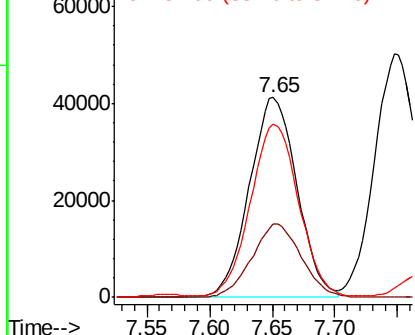
#31
Cyclohexane
Concen: 21.046 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 108809
Ion Ratio Lower Upper
56 100
69 36.5 25.6 38.4
84 85.8 67.4 101.0

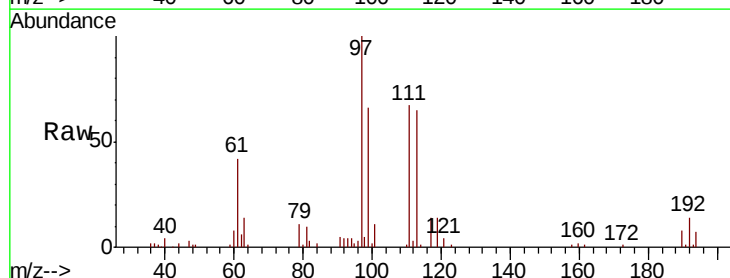


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

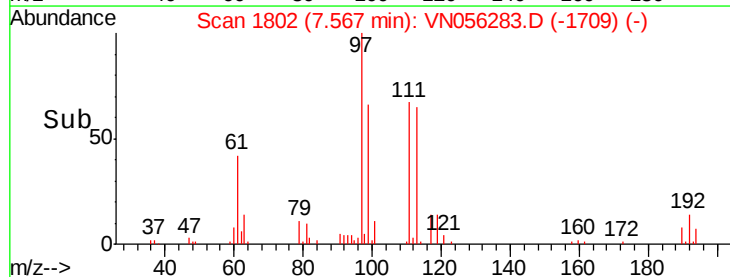
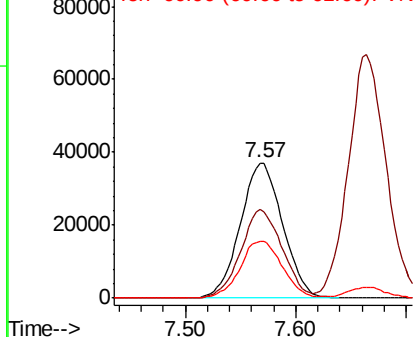


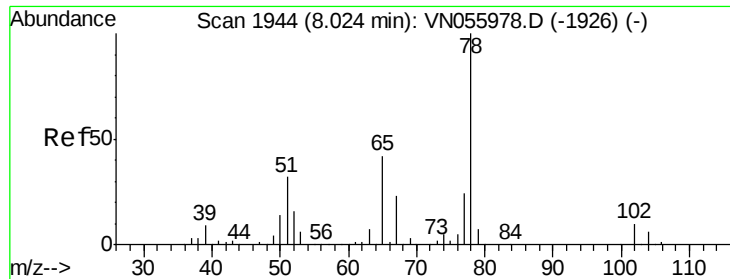
#32
1,1,1-Trichloroethane
Concen: 22.607 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 97 Resp: 98503
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 42.3 32.9 49.3



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





#33

1,2-Dichloroethane-d4

Concen: 56.382 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

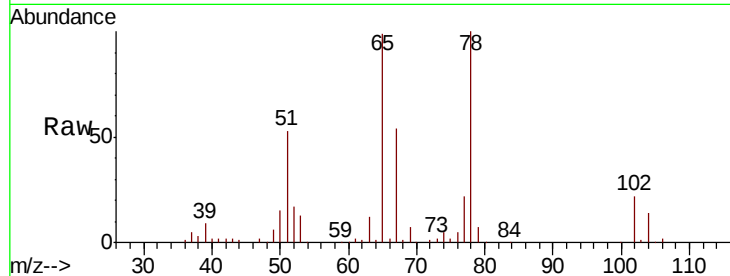
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 183705

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

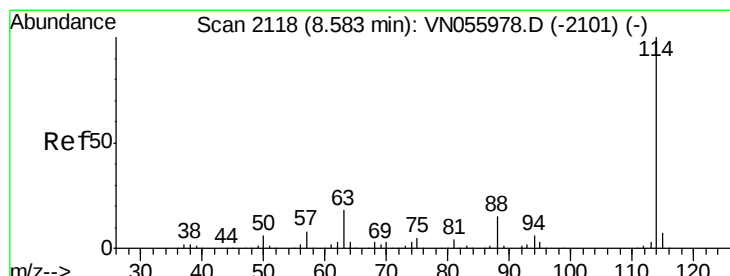
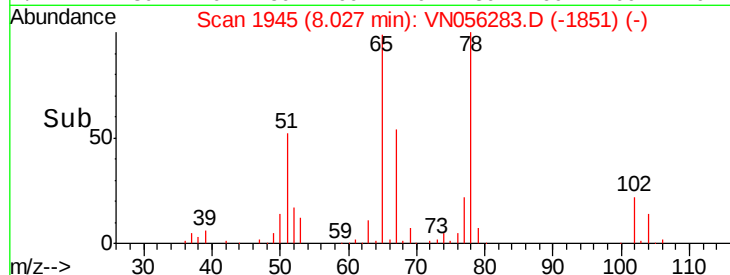
8.03

8.03

8.03

8.03

8.03



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

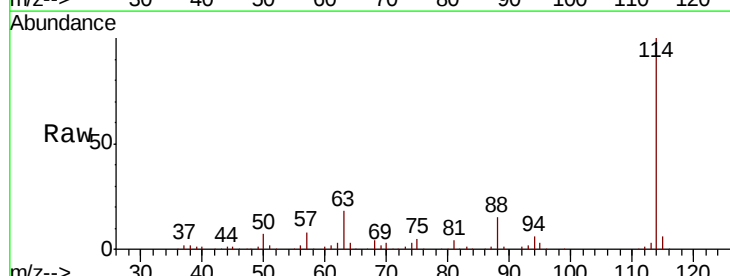
Tgt Ion:114 Resp: 515978

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

88 14.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

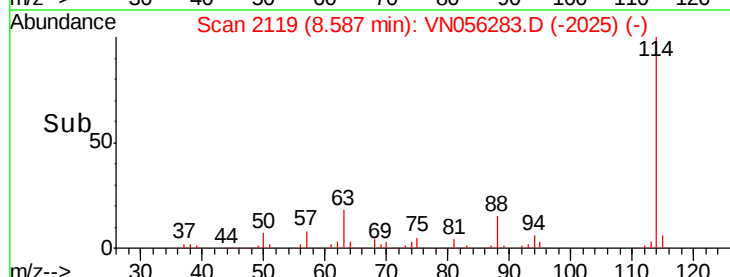
8.59

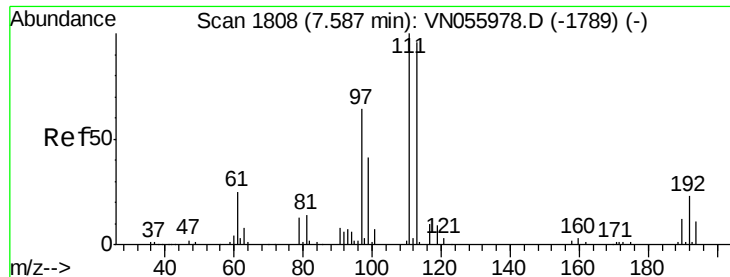
8.59

8.59

8.59

8.59

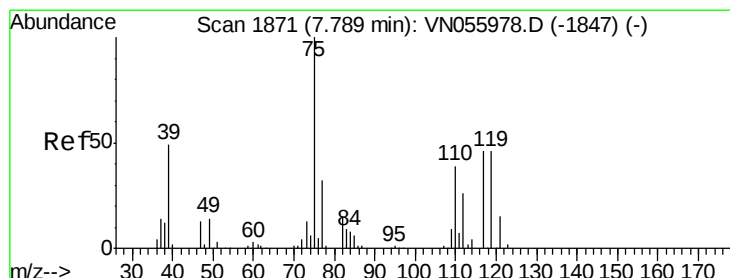
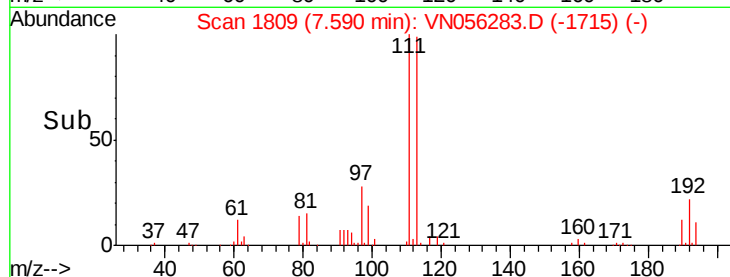
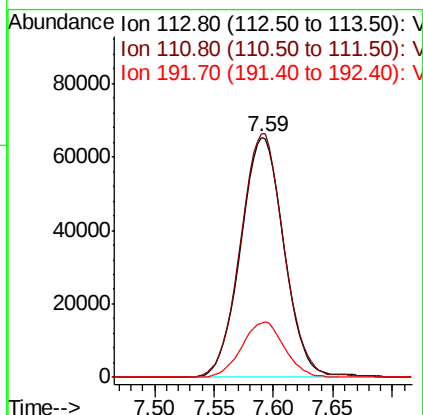
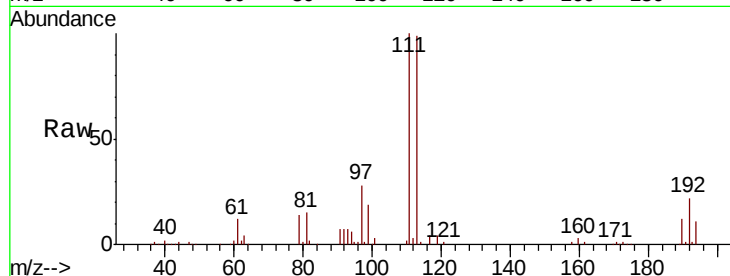




#35
 Dibromofluoromethane
 Concen: 51.921 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

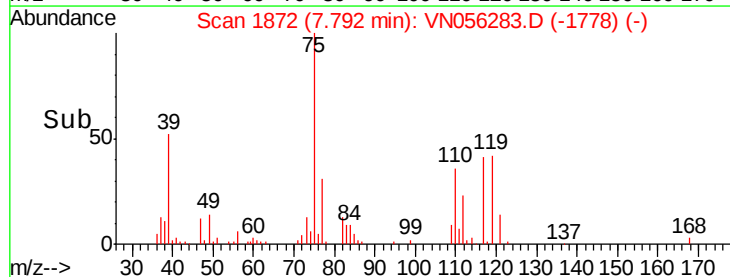
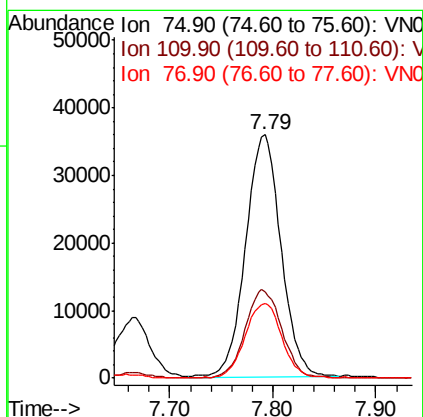
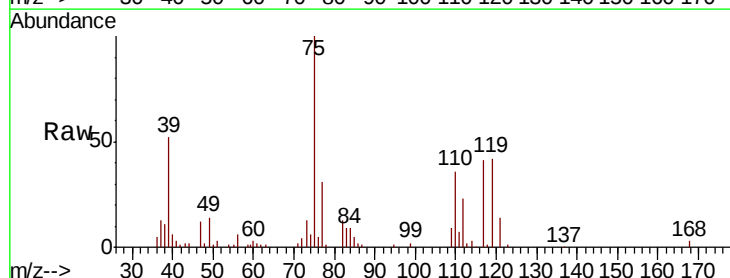
Instrument :
 MSVOA_N
 ClientSampleId :

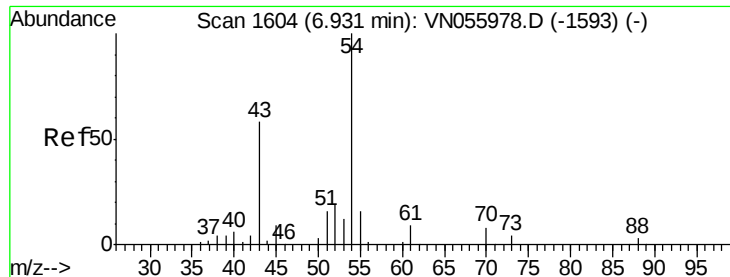
Tot Ion:113 Resp: 164366
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 22.8 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 19.248 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Tgt Ion: 75 Resp: 85397
 Ion Ratio Lower Upper
 75 100
 110 37.8 19.0 57.0
 77 32.1 25.1 37.7

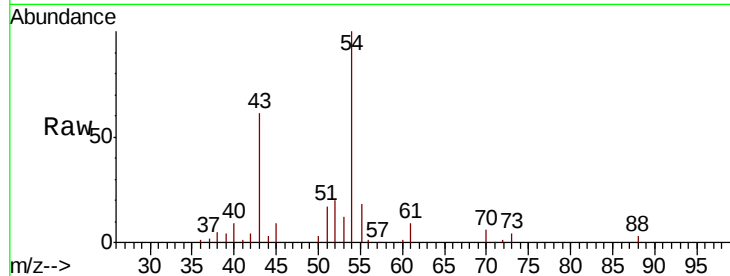




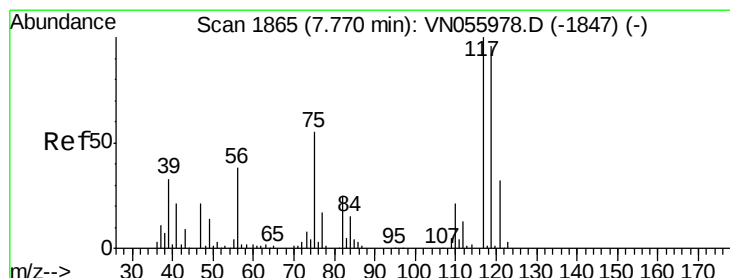
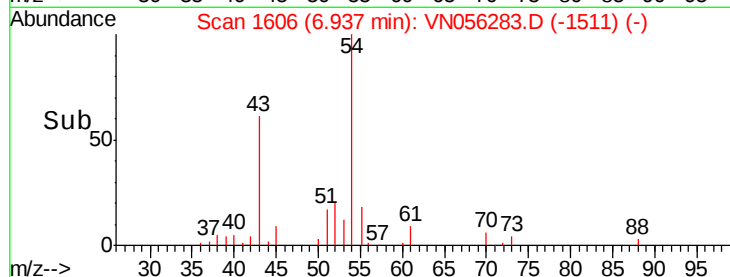
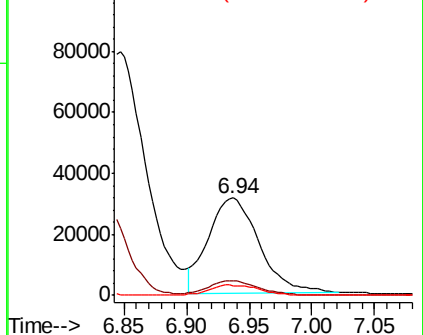
#37
Ethyl Acetate
Concen: 22.249 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 87829
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.2
70 10.7 8.9 13.3

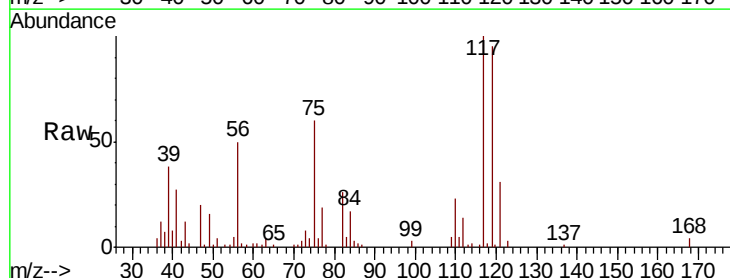


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

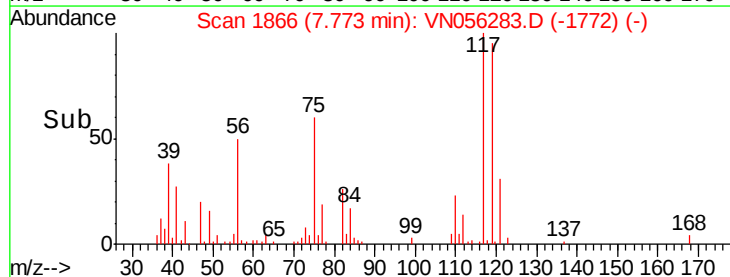
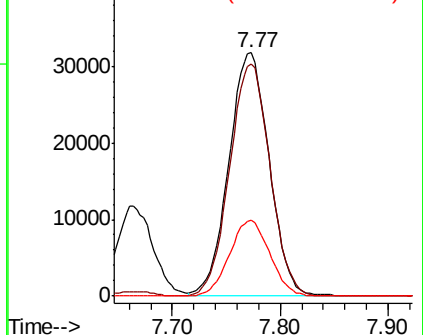


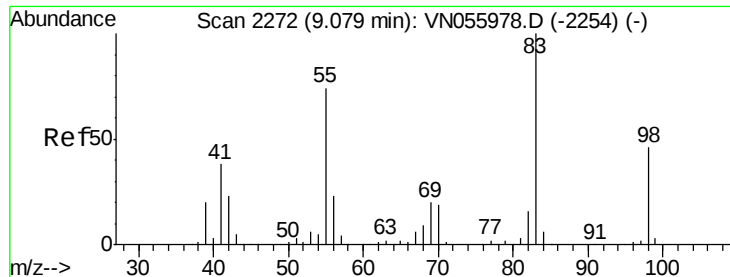
#38
Carbon Tetrachloride
Concen: 20.246 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 117 Resp: 82814
Ion Ratio Lower Upper
117 100
119 95.4 79.0 118.6
121 31.1 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

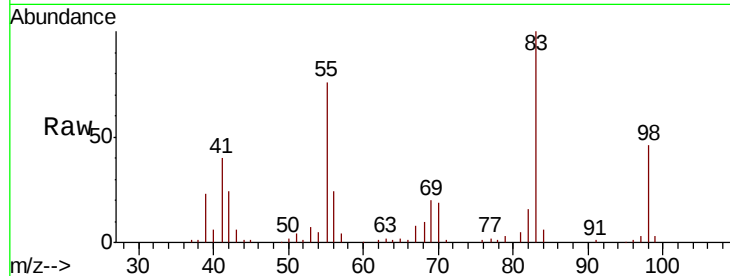




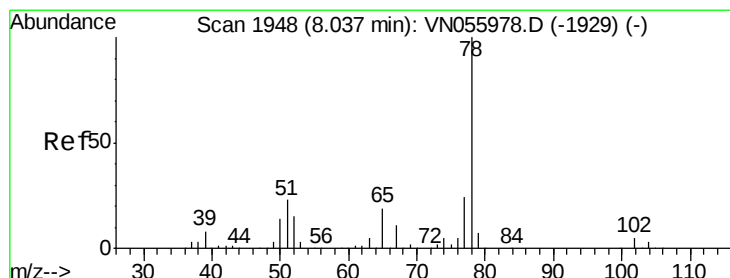
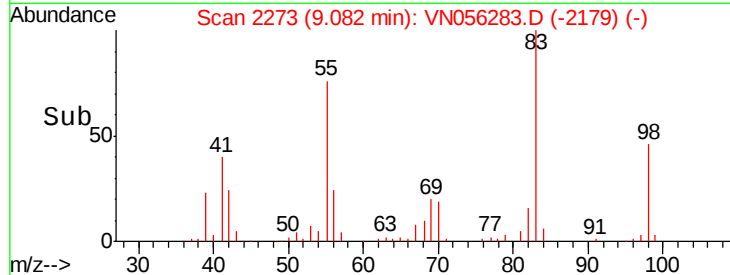
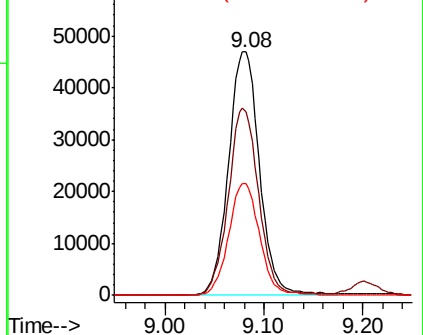
#39
Methvlcvclohexane
Concen: 18.634 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 102987
Ion Ratio Lower Upper
83 100
55 75.6 59.3 88.9
98 46.0 36.6 54.8

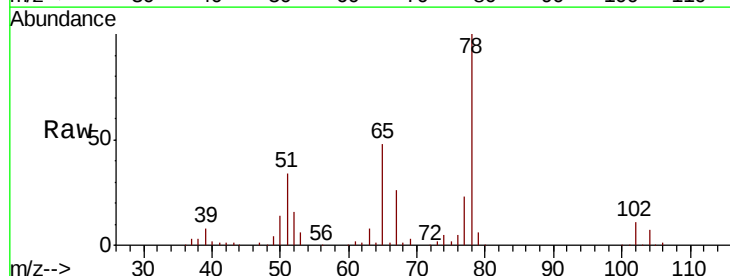


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

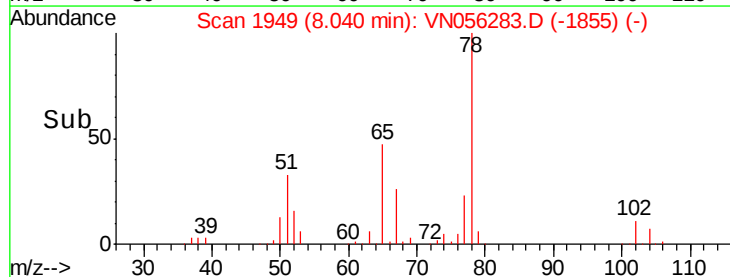
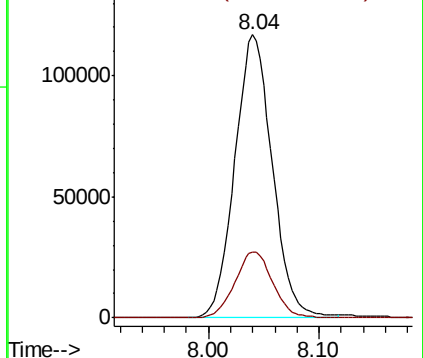


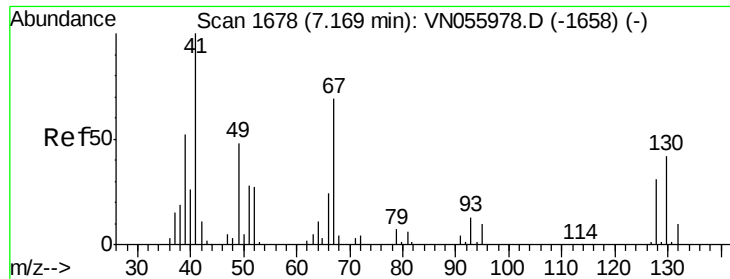
#40
Benzene
Concen: 20.441 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 78 Resp: 275444
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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

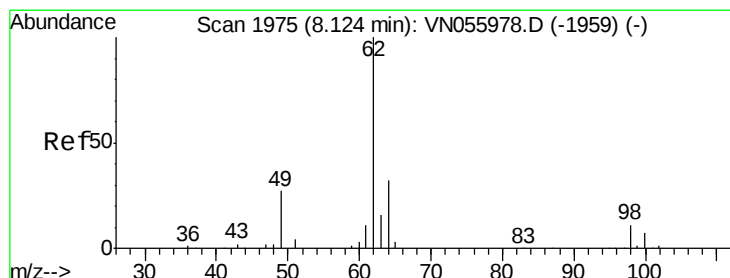
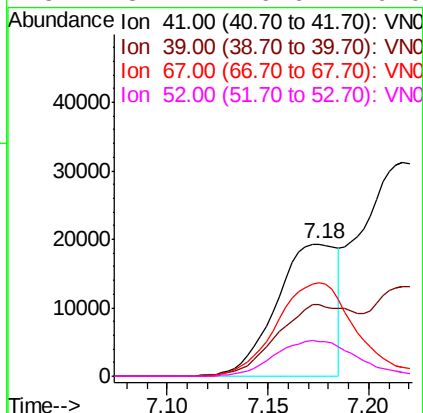
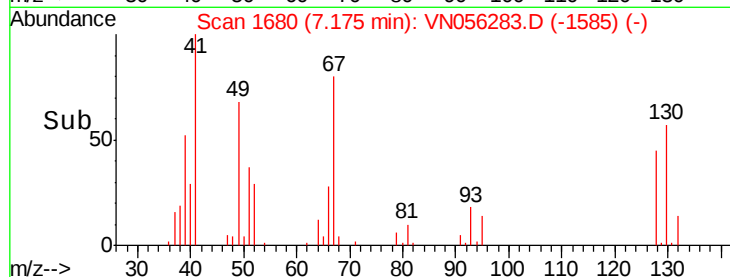
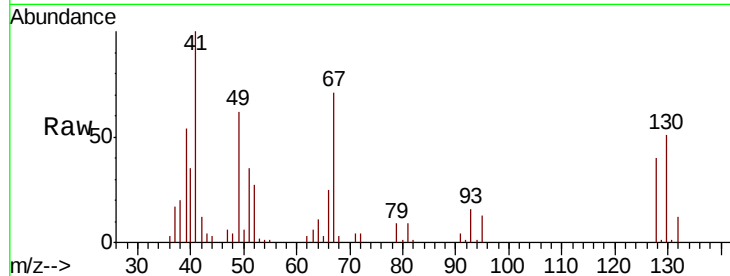




#41
Methacrylonitrile
Concen: 22.254 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

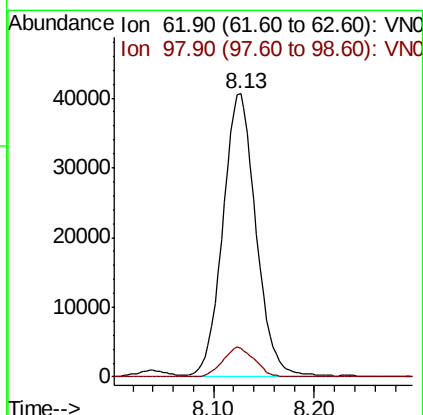
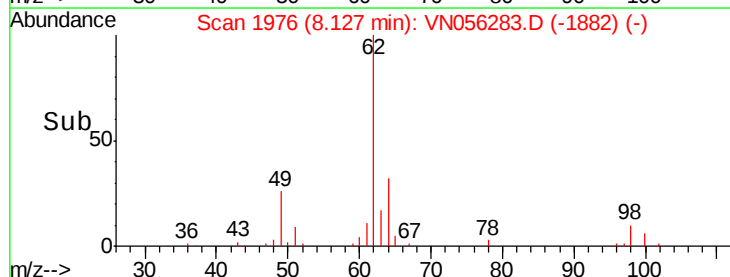
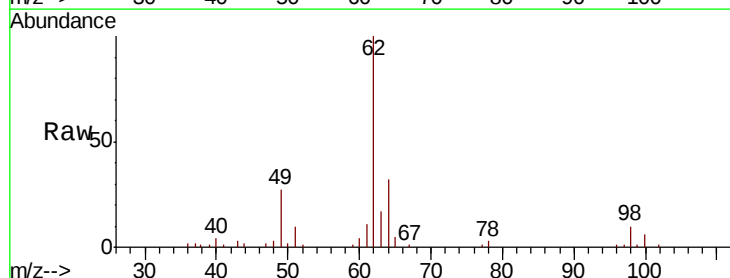
Instrument :
MSVOA_N
ClientSampleId :

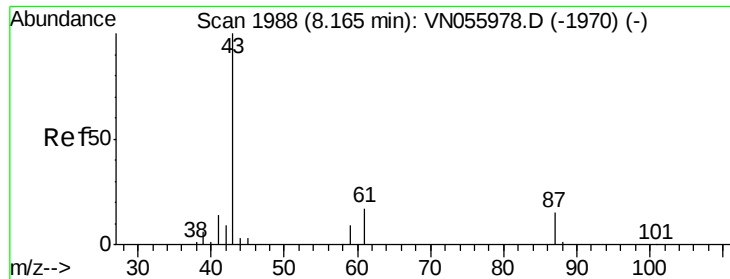
Tot Ion: 41 Resp: 40420
Ion Ratio Lower Upper
41 100
39 71.4 45.6 68.4#
67 92.5 67.7 101.5
52 37.1 26.6 40.0



#42
1,2-Dichloroethane
Concen: 21.343 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 62 Resp: 92513
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 21.130 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

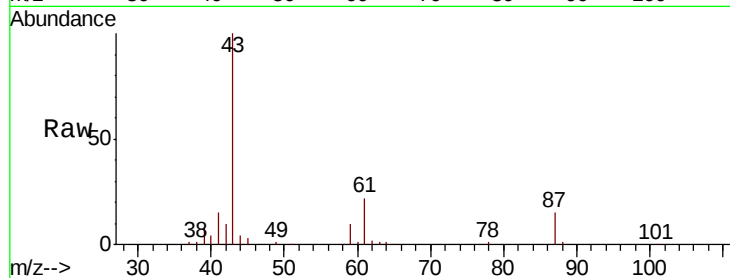
Tot Ion: 43 Resp: 135169

Ion Ratio Lower Upper

43 100

61 29.4 22.2 33.4

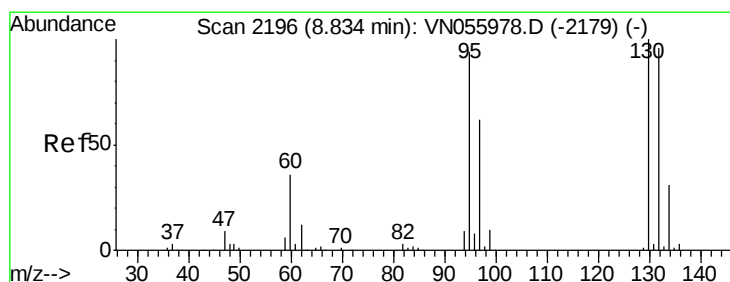
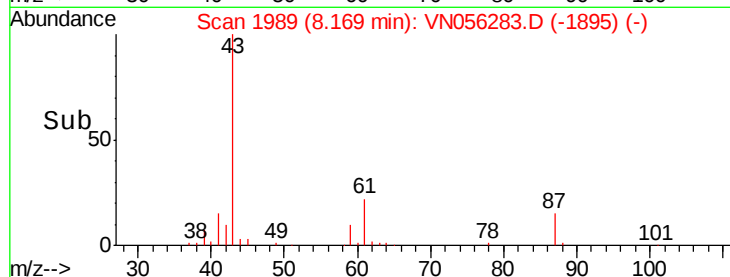
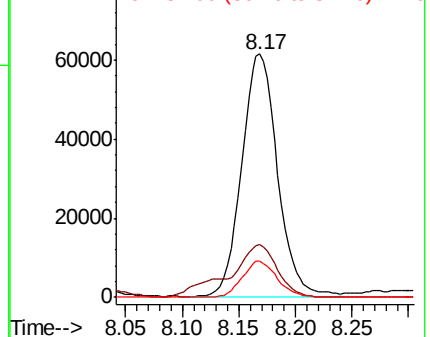
87 14.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 19.355 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056283.D

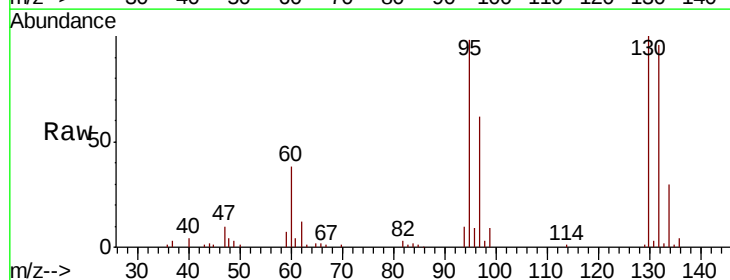
Acq: 13 Jun 2019 15:55

Tgt Ion:130 Resp: 74946

Ion Ratio Lower Upper

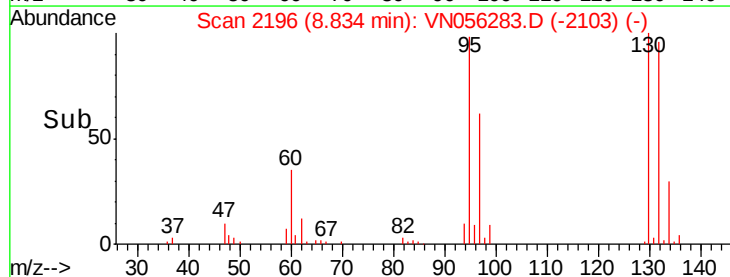
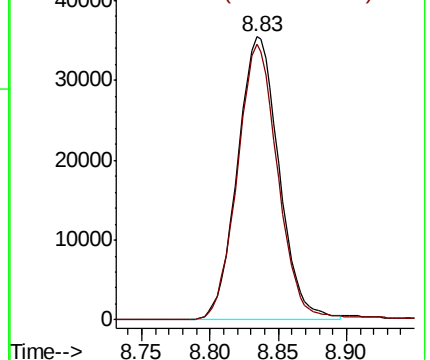
130 100

95 97.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 21.713 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

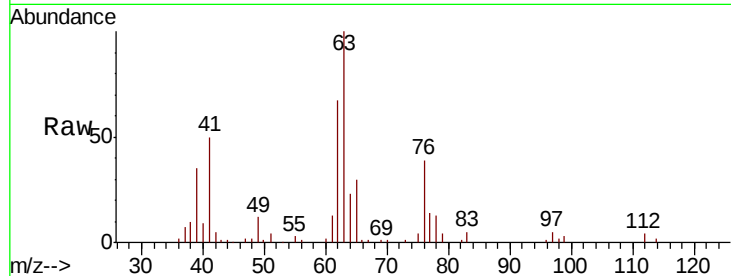
ClientSampleId :

Tot Ion: 63 Resp: 74945

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

40000

30000

20000

10000

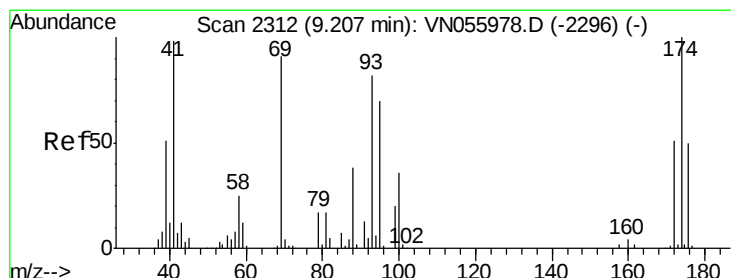
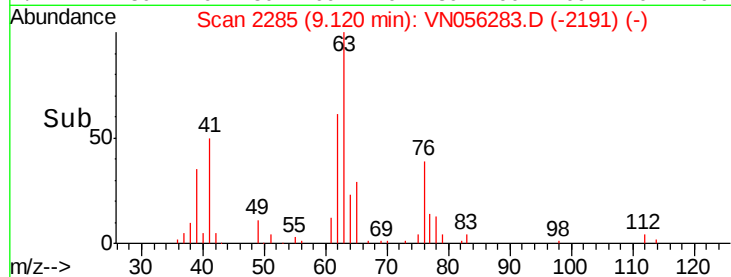
0

Time-->

9.00

9.10

9.20



#46

Dibromomethane

Concen: 21.402 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

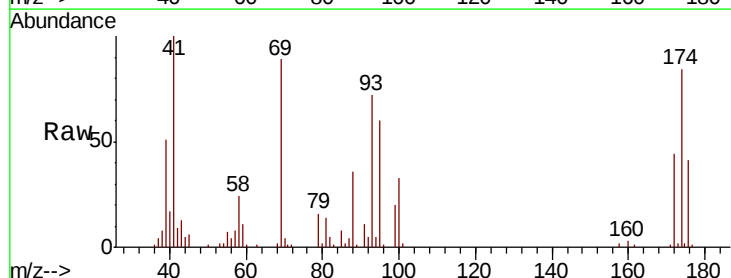
Tgt Ion: 93 Resp: 48307

Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 118.0 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

30000

20000

10000

0

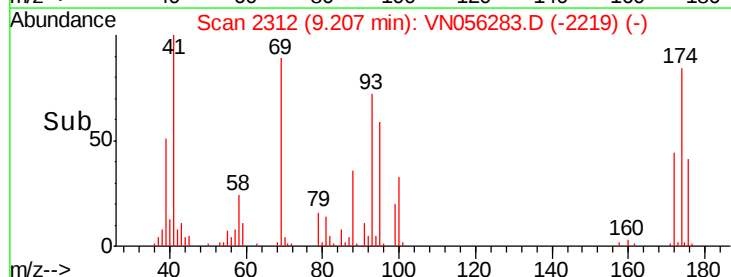
Time-->

9.15

9.20

9.25

9.30





#47

Bromodichloromethane

Concen: 22.217 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

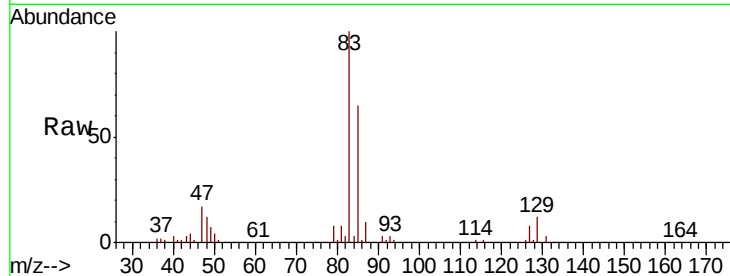
Tot Ion: 83 Resp: 90885

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.2

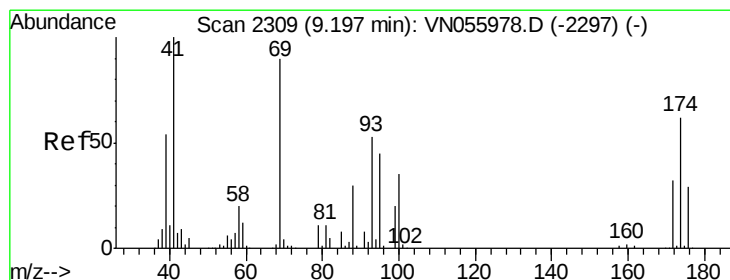
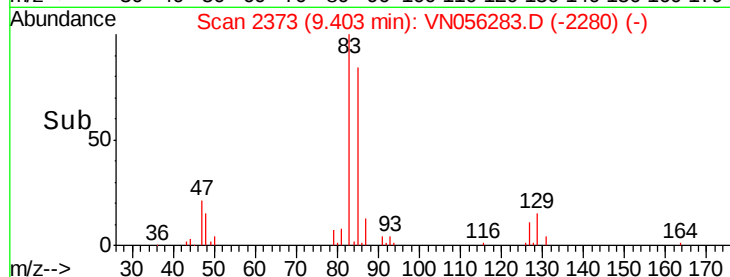
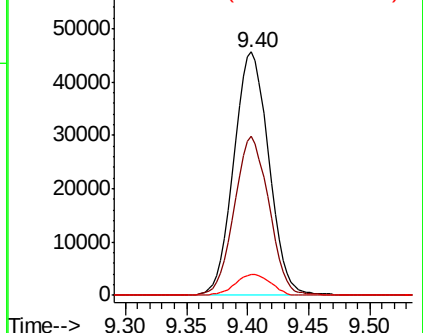
127 8.5 7.4 11.0



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) (-)



#48

Methyl methacrylate

Concen: 22.284 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

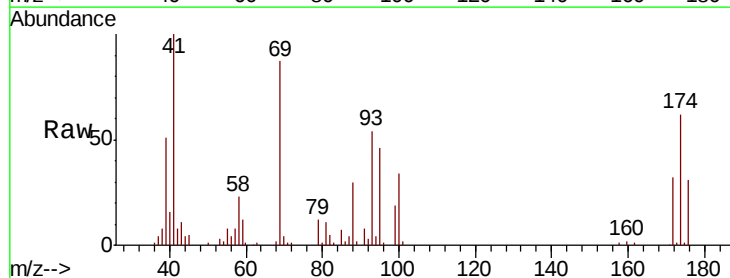
Tgt Ion: 41 Resp: 69738

Ion Ratio Lower Upper

41 100

69 89.6 71.0 106.6

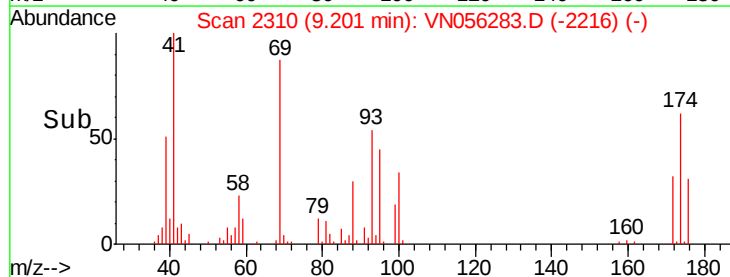
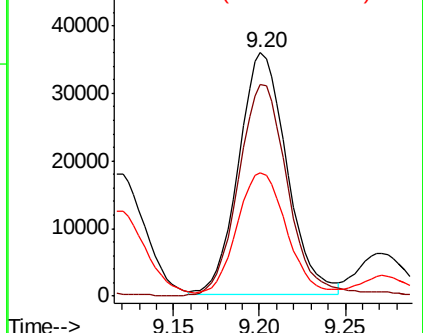
39 52.4 44.2 66.2

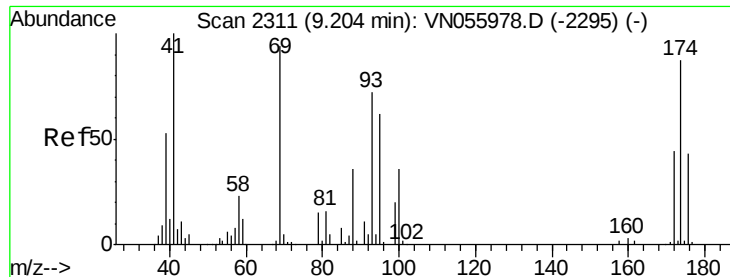


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

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

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





#49

1,4-Dioxane

Concen: 447.801 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampleId :

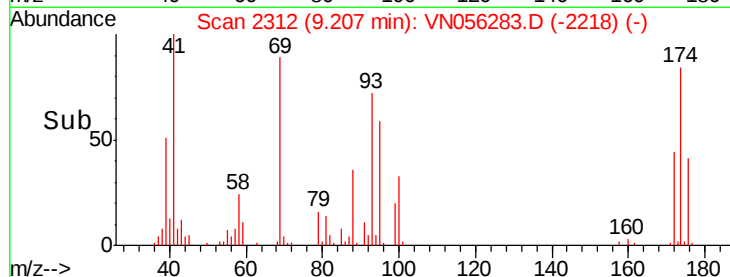
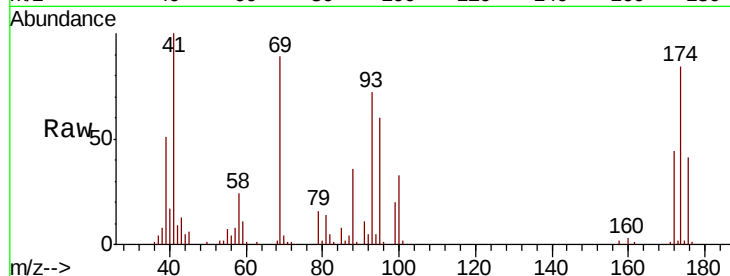
Tot Ion: 88 Resp: 30255

Ion Ratio Lower Upper

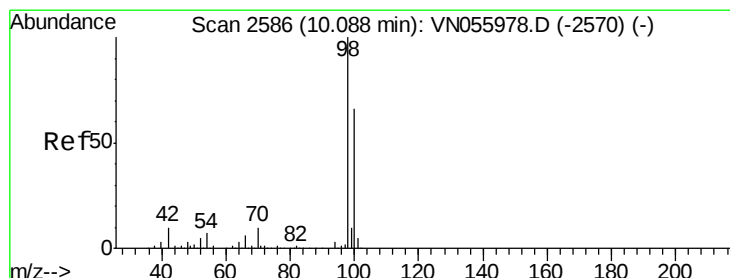
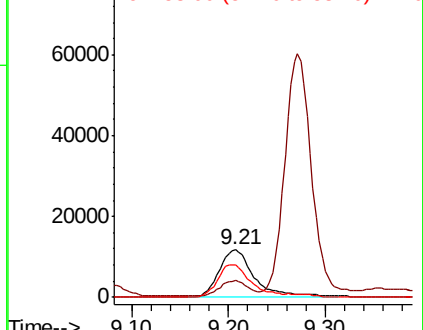
88 100

43 26.2 20.5 30.7

58 63.9 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: 49.768 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056283.D

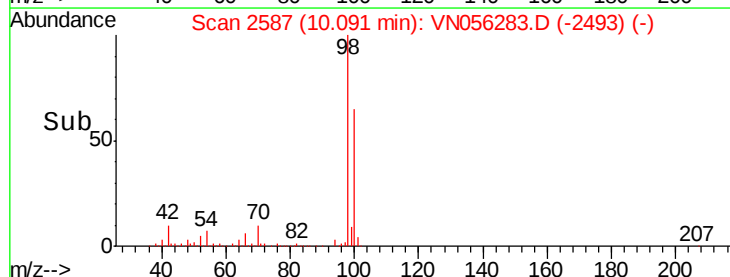
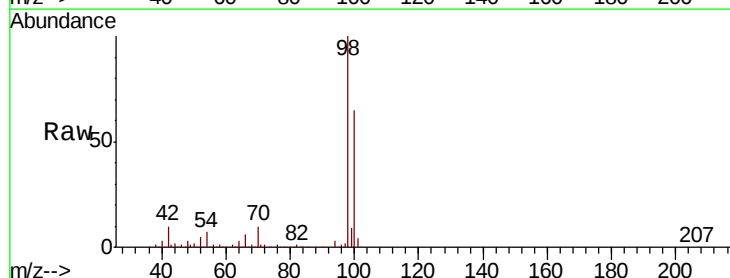
Acq: 13 Jun 2019 15:55

Tgt Ion: 98 Resp: 606254

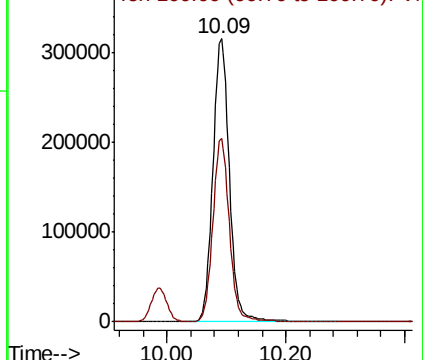
Ion Ratio Lower Upper

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: 112.999 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

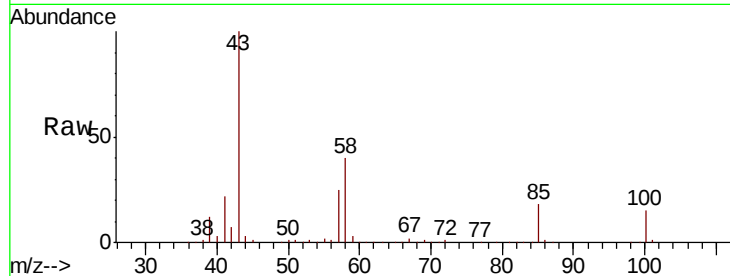
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 452032

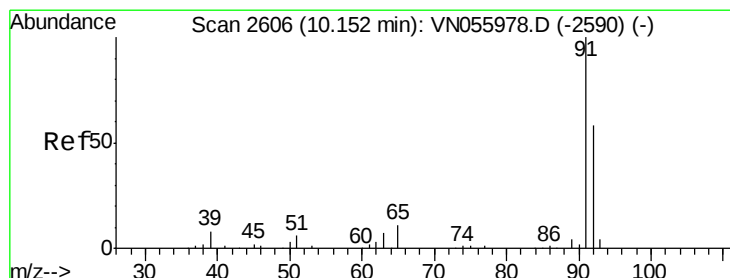
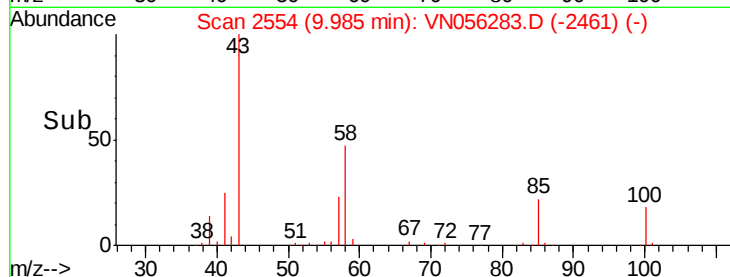
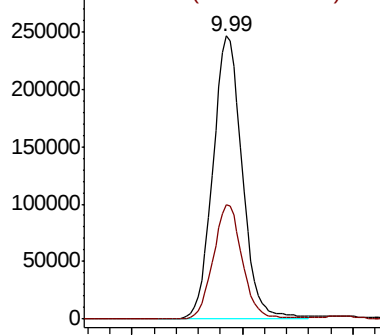
Ion Ratio Lower Upper

43 100

58 40.0 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: 20.271 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056283.D

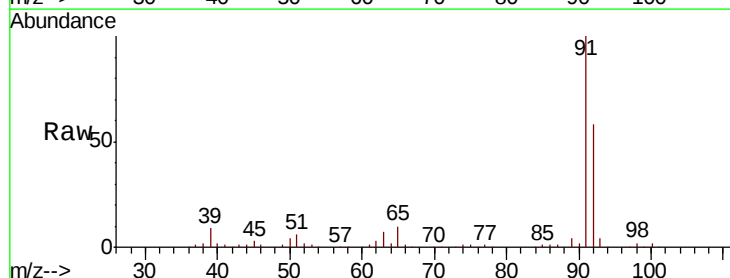
Acq: 13 Jun 2019 15:55

Tgt Ion: 92 Resp: 169977

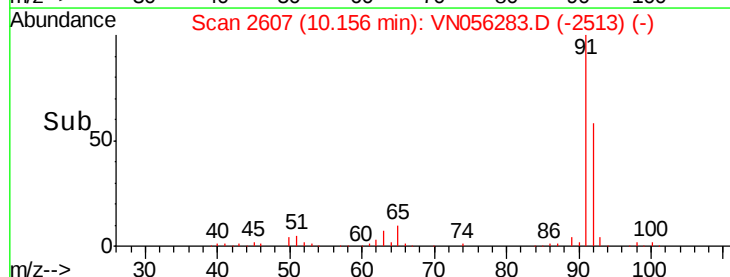
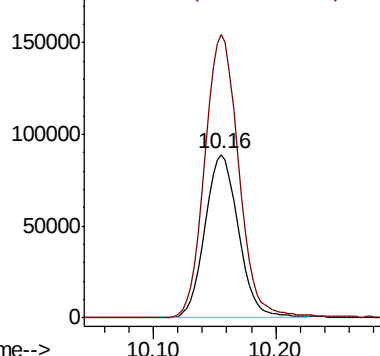
Ion Ratio Lower Upper

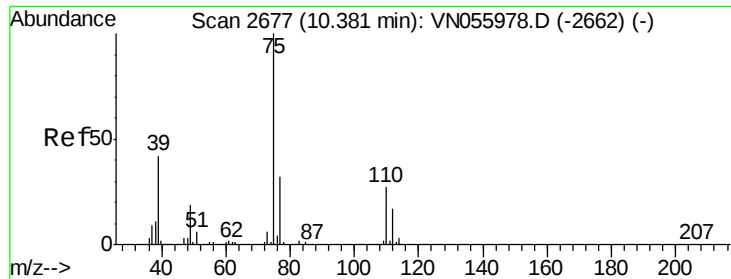
92 100

91 175.7 139.4 209.2



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

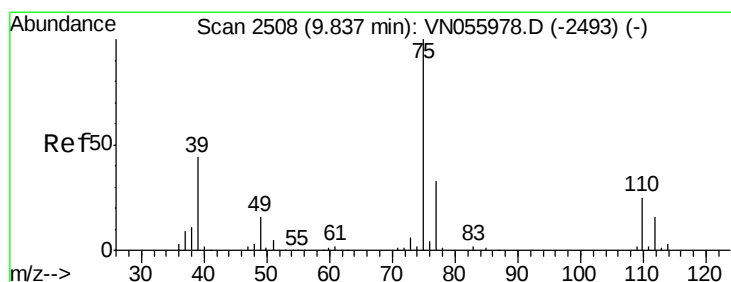
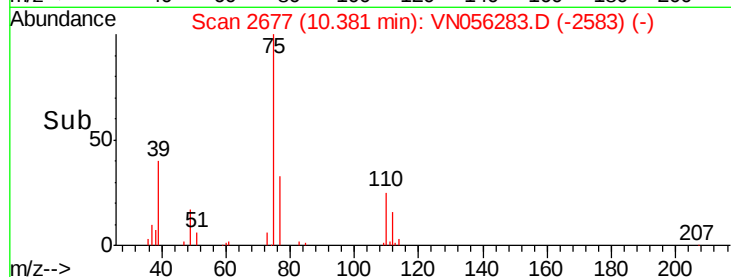
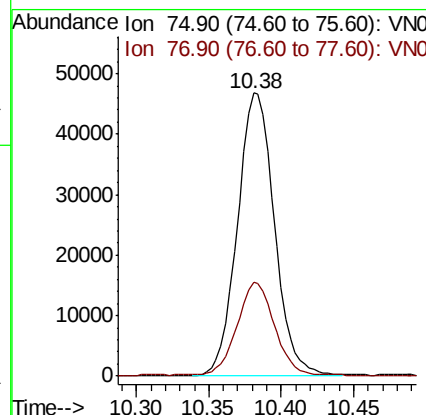
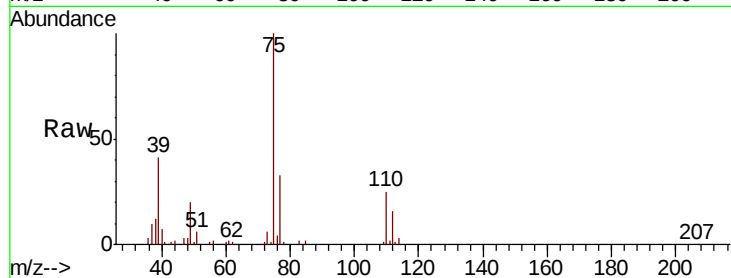




#53
t-1,3-Dichloropropene
Concen: 18.909 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

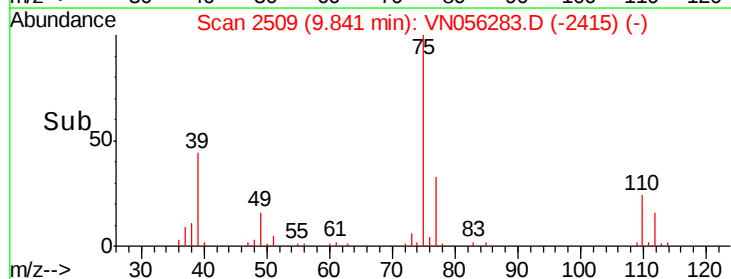
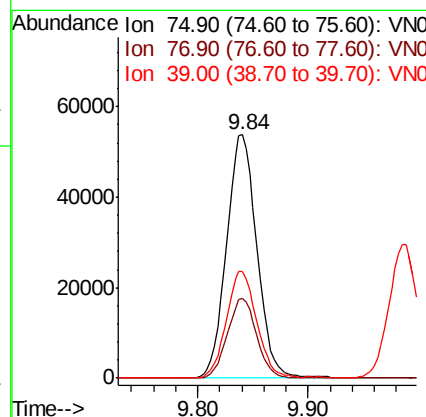
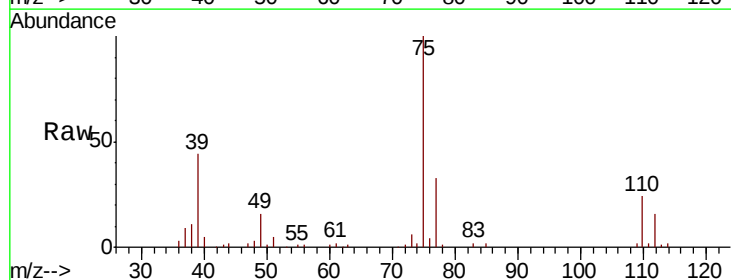
Instrument :
MSVOA_N
ClientSampled :

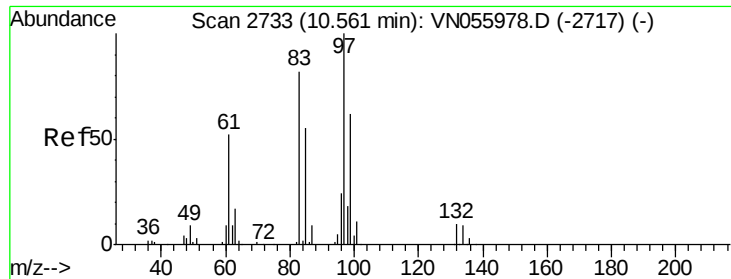
Tot Ion: 75 Resp: 83176
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 20.878 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 75 Resp: 102662
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 43.7 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 21.694 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 72056

Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.0	100.6
85	54.0	44.0	66.0
99	61.4	50.6	75.8

Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

10.56

40000

30000

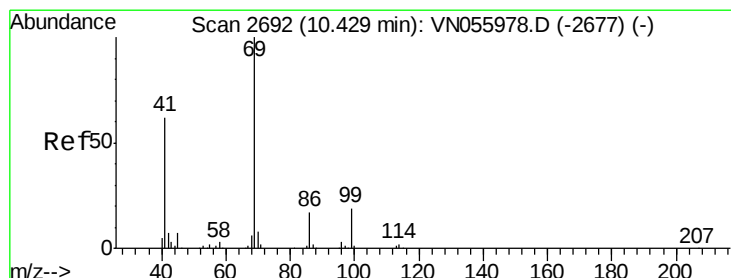
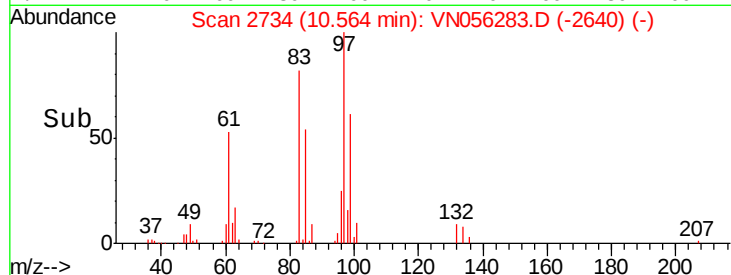
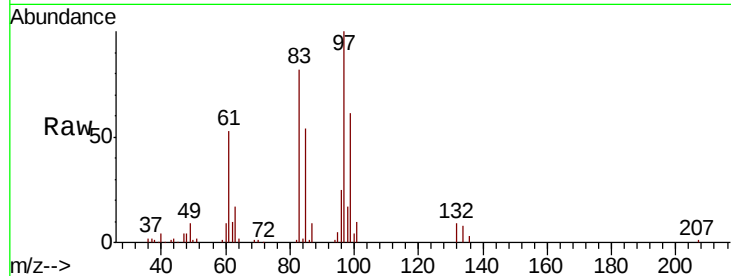
20000

10000

0

Time-->

10.50 10.55 10.60 10.65



#56

Ethyl methacrylate

Concen: 21.018 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Tgt Ion: 69 Resp: 101846

Ion	Ratio	Lower	Upper
69	100		
41	64.3	49.7	74.5
39	31.3	24.7	37.1

Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

80000

60000

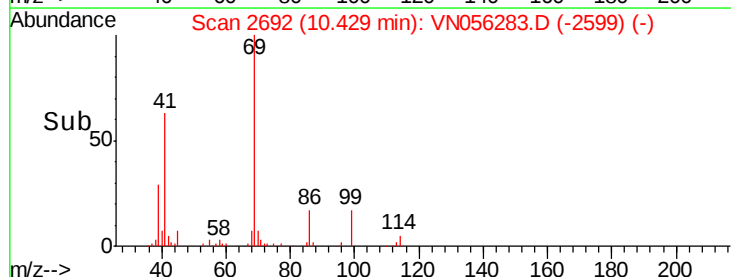
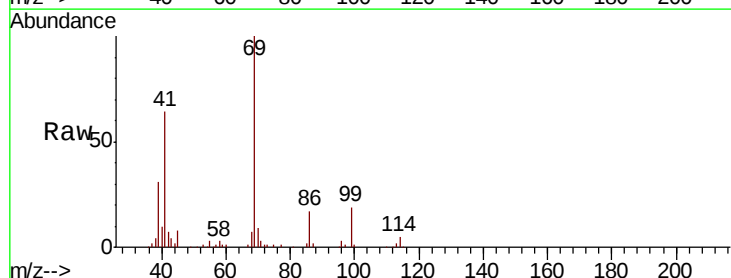
40000

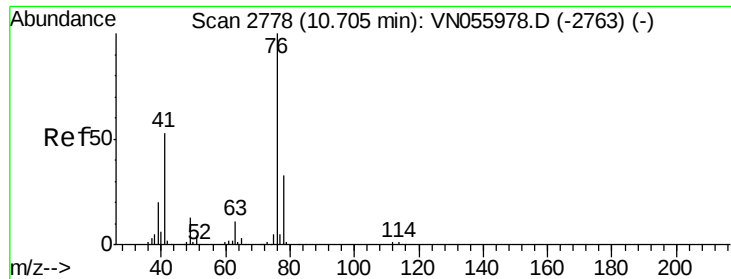
20000

0

Time-->

10.35 10.40 10.45 10.50

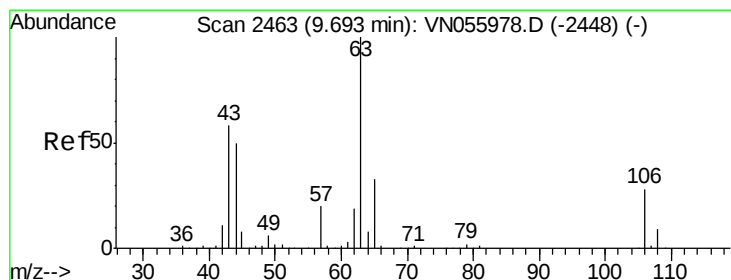
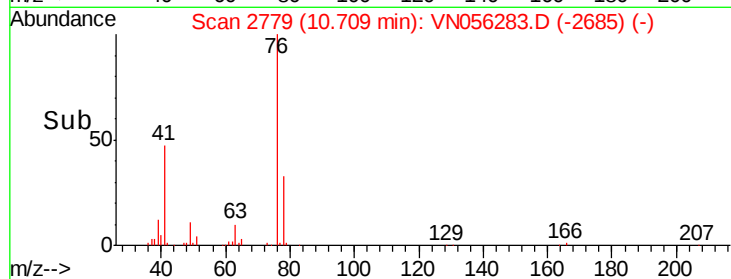
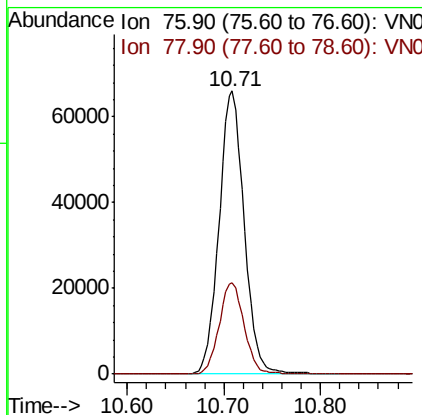
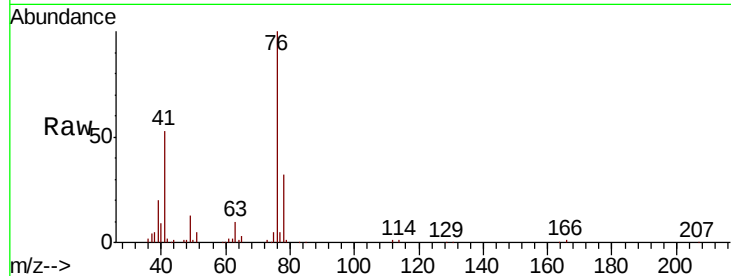




#57
 1,3-Dichloropropane
 Concen: 22.106 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

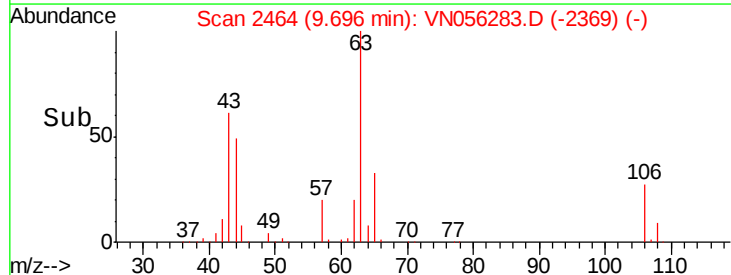
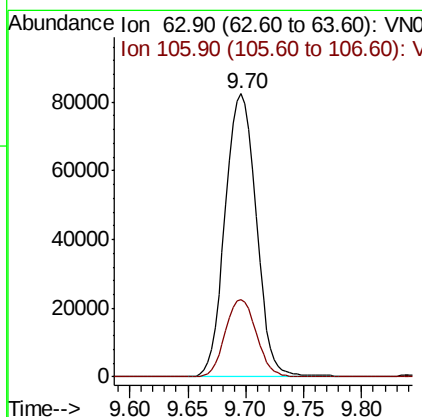
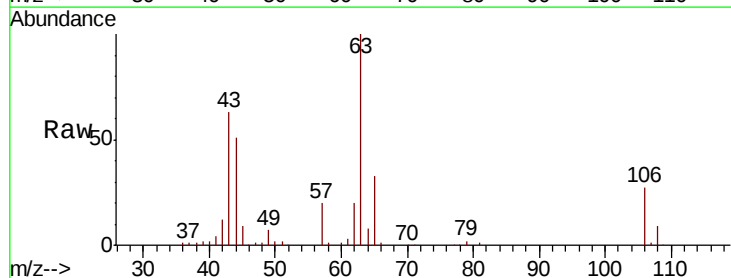
Instrument :
 MSVOA_N
 ClientSampled :

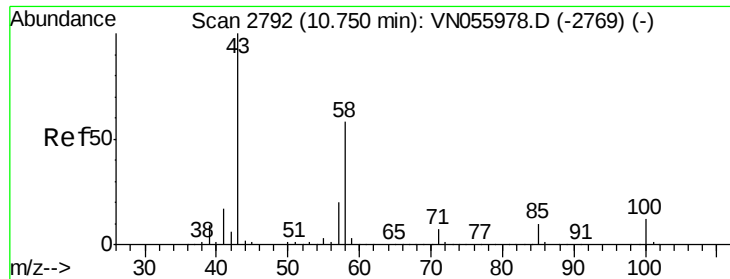
Tot Ion: 76 Resp: 119360
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.989 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Tgt Ion: 63 Resp: 153441
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.7 34.1

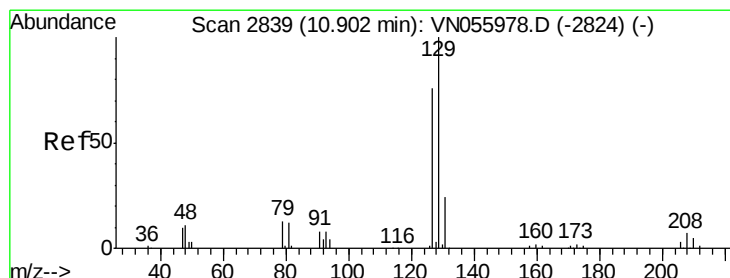
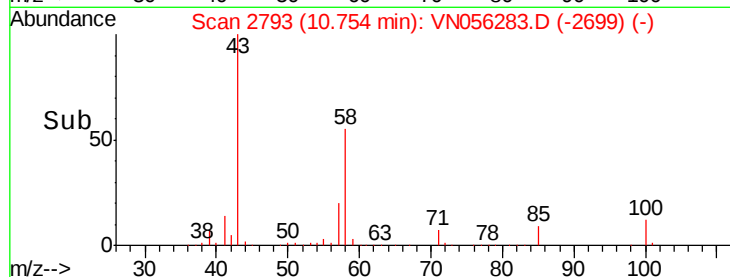
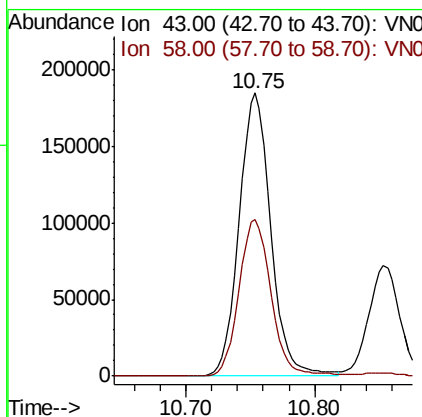
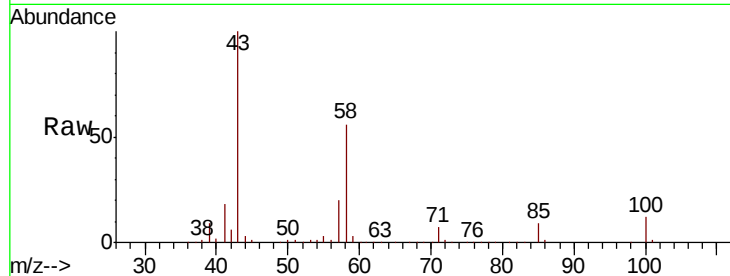




#59
2-Hexanone
Concen: 108.479 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

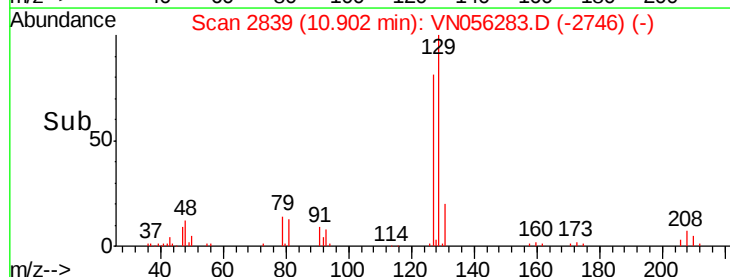
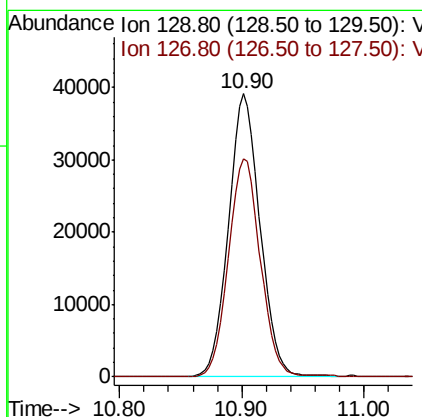
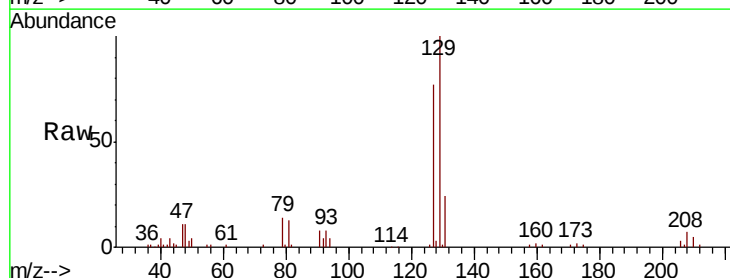
Instrument :
MSVOA_N
ClientSampleId :

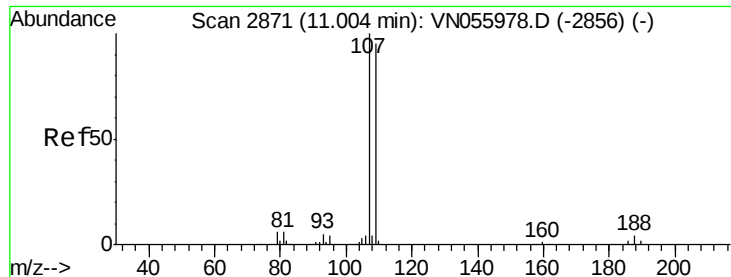
Tot Ion: 43 Resp: 314519
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.7



#60
Dibromochloromethane
Concen: 20.796 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 129 Resp: 70666
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.3





#61

1,2-Dibromoethane

Concen: 21.545 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

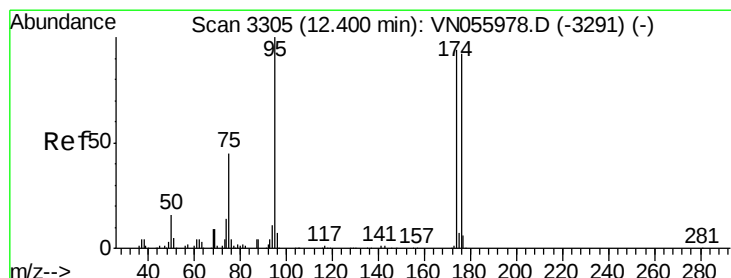
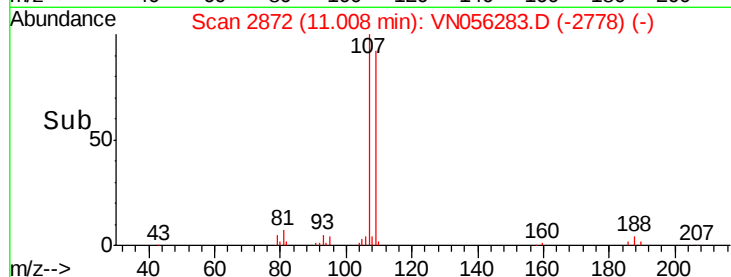
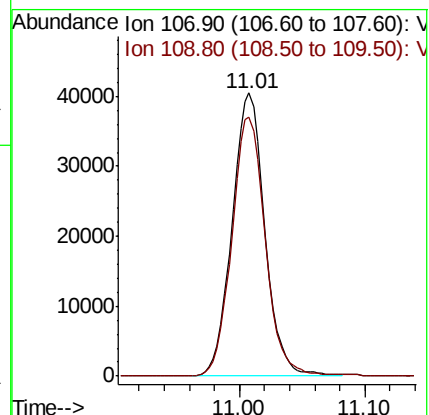
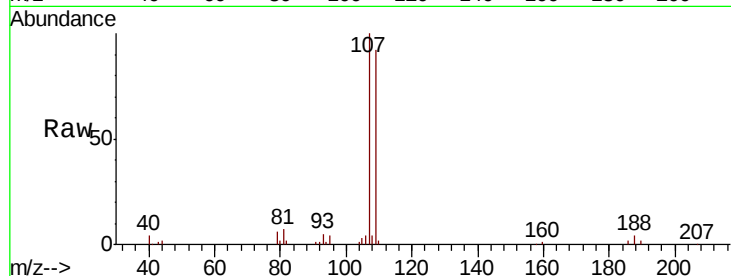
ClientSampleId :

Tot Ion:107 Resp: 73156

Ion Ratio Lower Upper

107 100

109 94.0 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 47.662 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

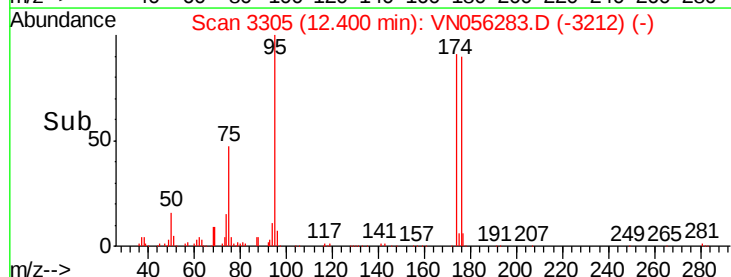
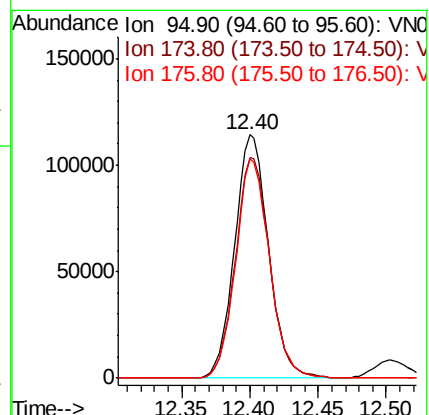
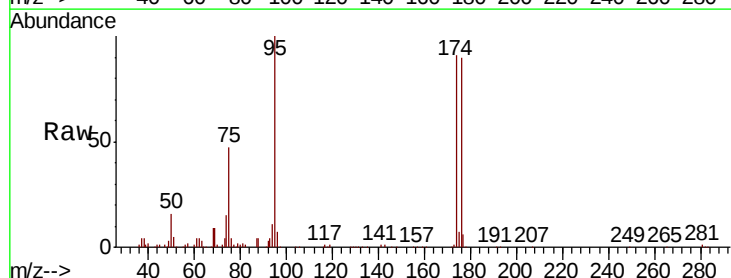
Tgt Ion: 95 Resp: 197449

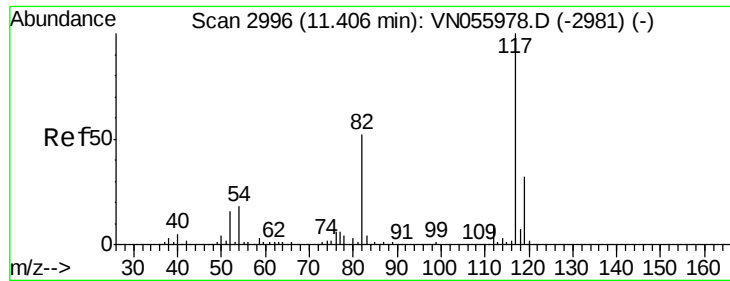
Ion Ratio Lower Upper

95 100

174 91.3 0.0 191.0

176 89.5 0.0 185.2

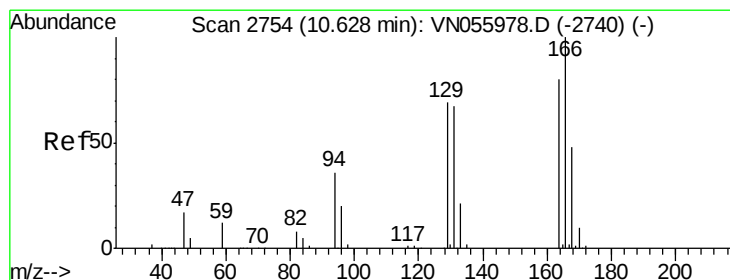
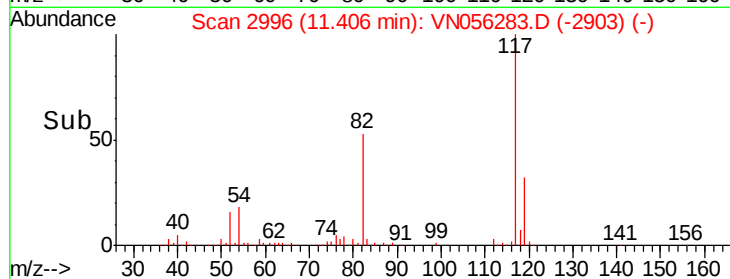
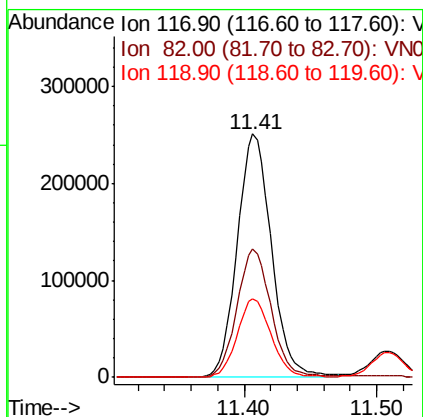
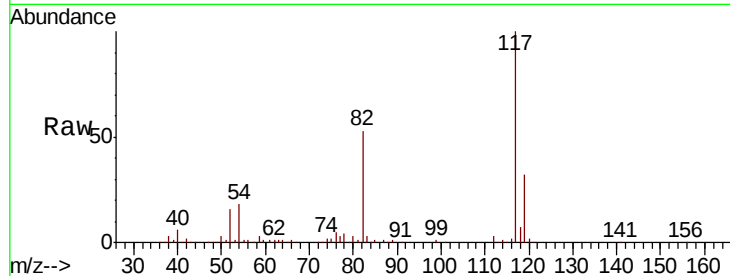




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

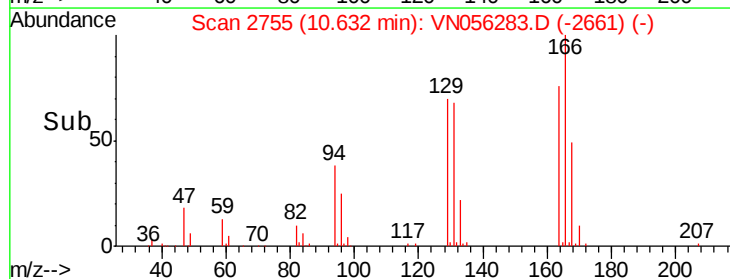
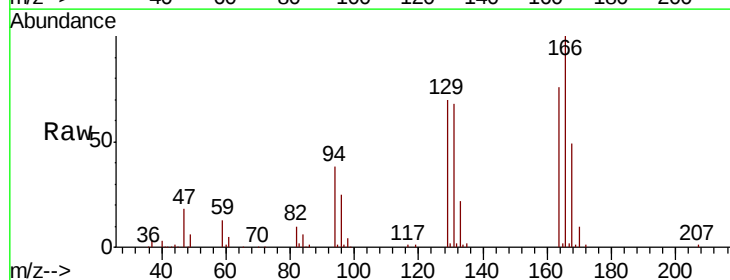
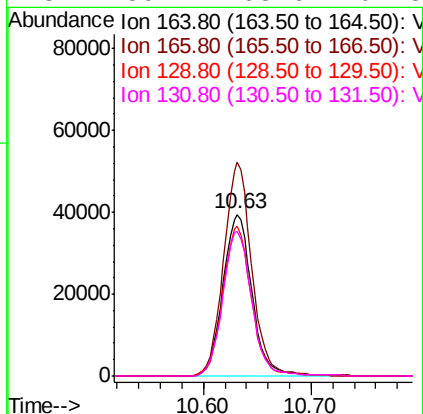
Instrument :
MSVOA_N
ClientSampleId :

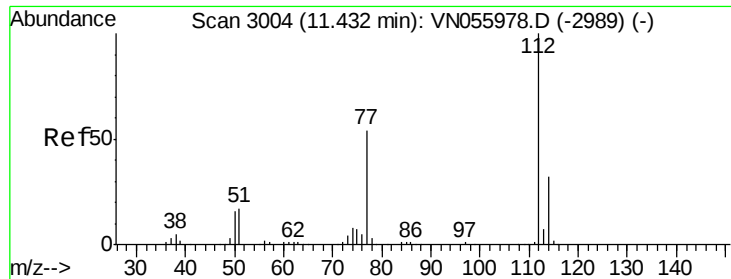
Tot Ion:117 Resp: 450956
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 18.914 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion:164 Resp: 73833
Ion Ratio Lower Upper
164 100
166 131.9 103.0 154.6
129 92.8 70.6 105.8
131 89.1 68.6 102.8

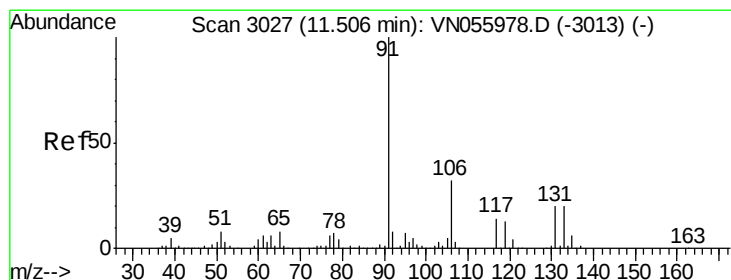
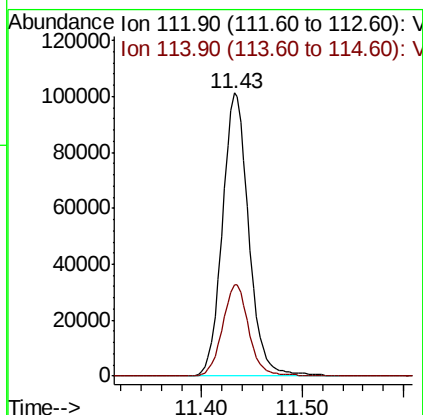
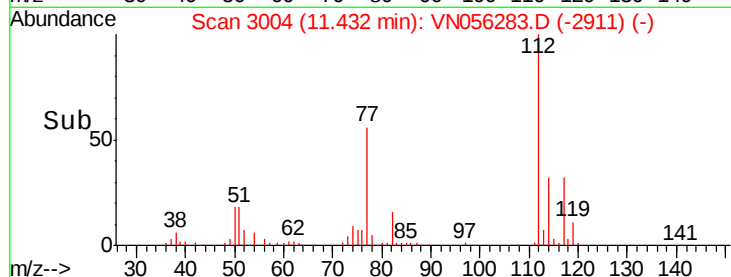
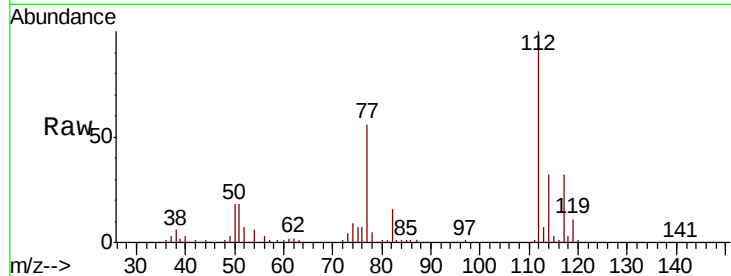




#65
Chlorobenzene
Concen: 20.606 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

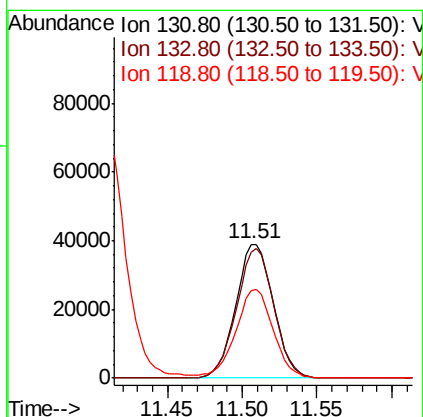
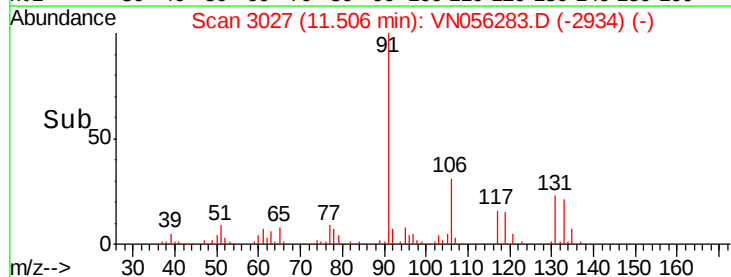
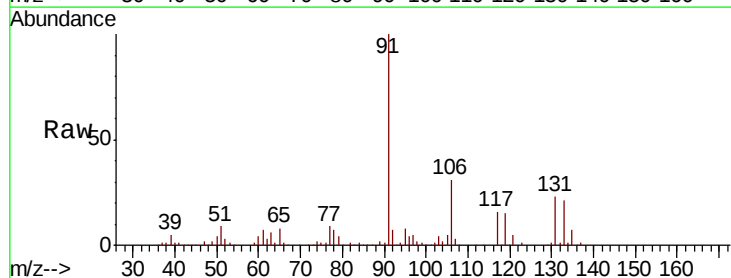
Instrument :
MSVOA_N
ClientSampled :

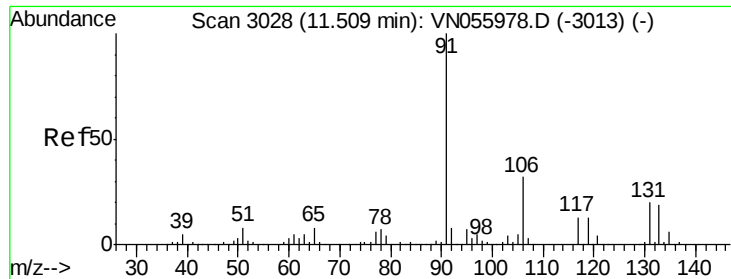
Tot Ion:112 Resp: 184937
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.967 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion:131 Resp: 68075
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.0
119 66.8 33.1 99.5

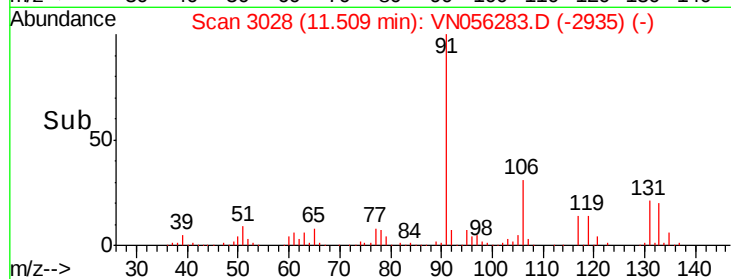
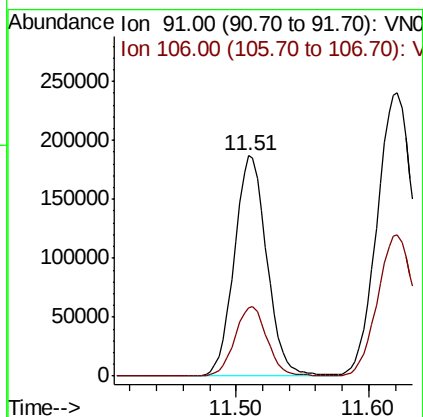
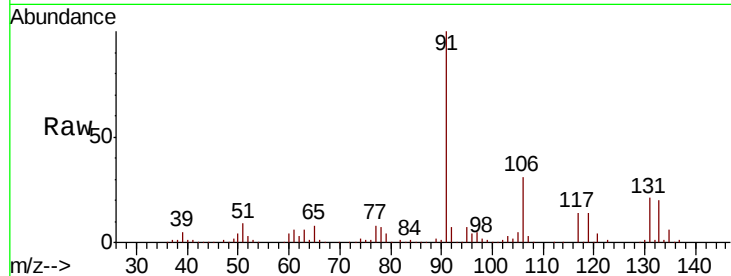




#67
Ethyl Benzene
Concen: 20.471 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

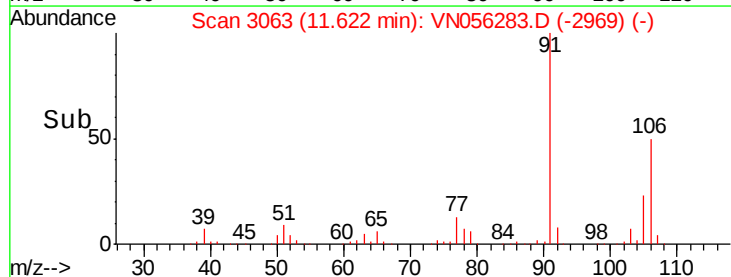
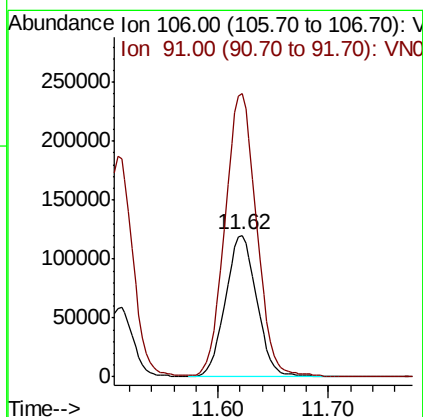
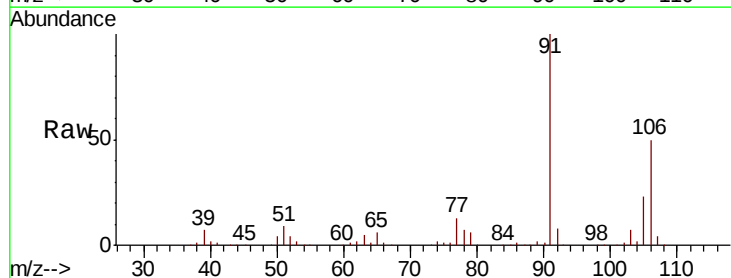
Instrument :
MSVOA_N
ClientSampled :

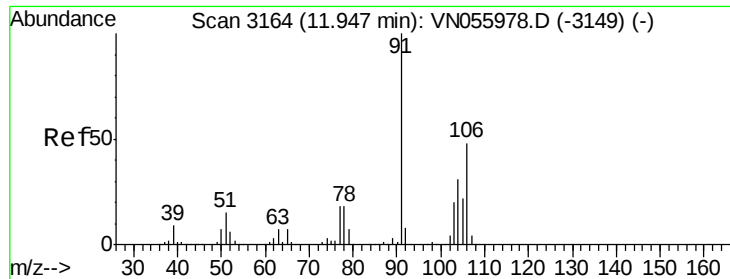
Tot Ion: 91 Resp: 319477
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 39.647 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 106 Resp: 236364
Ion Ratio Lower Upper
106 100
91 201.9 159.3 238.9

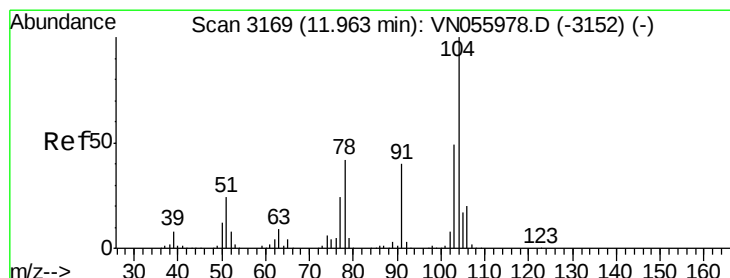
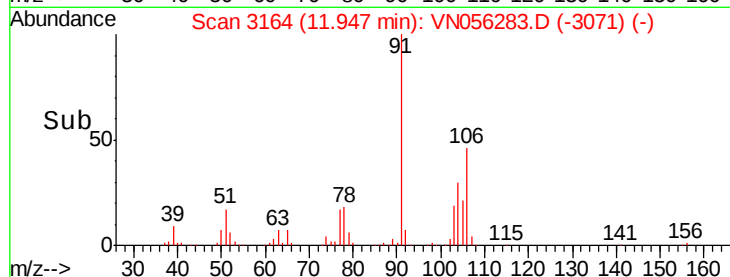
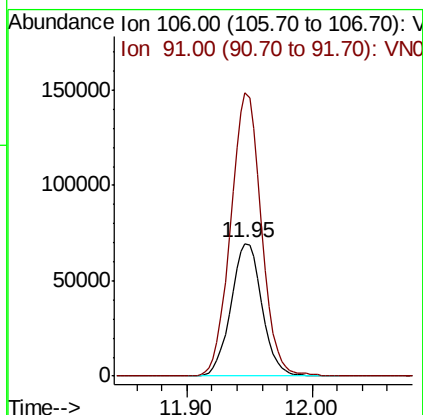
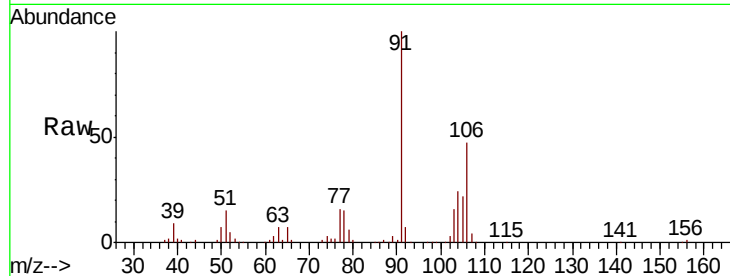




#69
o-Xylene
Concen: 20.403 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

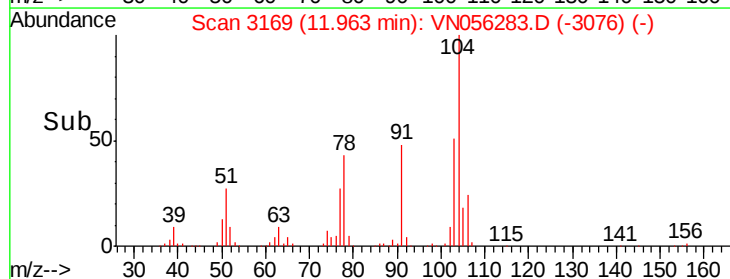
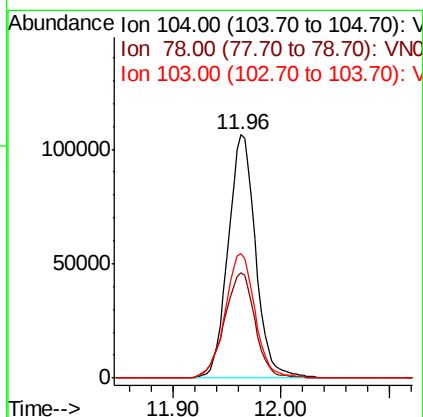
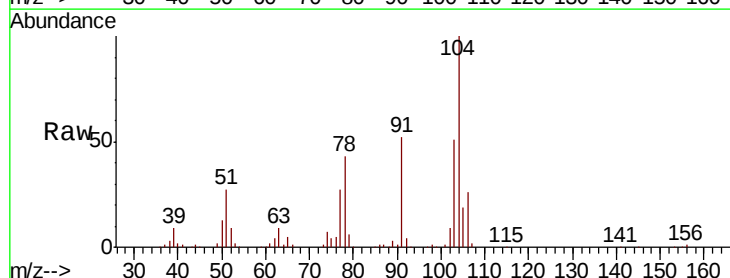
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 119646
Ion Ratio Lower Upper
106 100
91 211.0 104.7 314.1



#70
Styrene
Concen: 20.336 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion:104 Resp: 189483
Ion Ratio Lower Upper
104 100
78 48.4 37.8 56.6
103 55.6 44.2 66.2

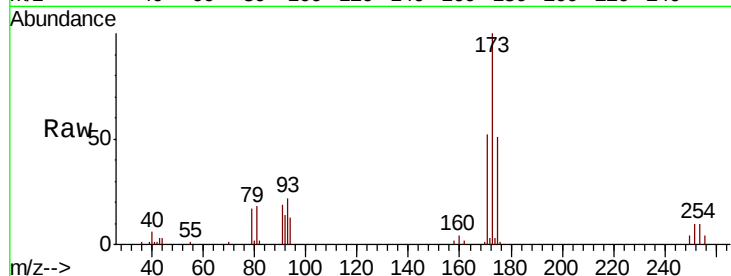




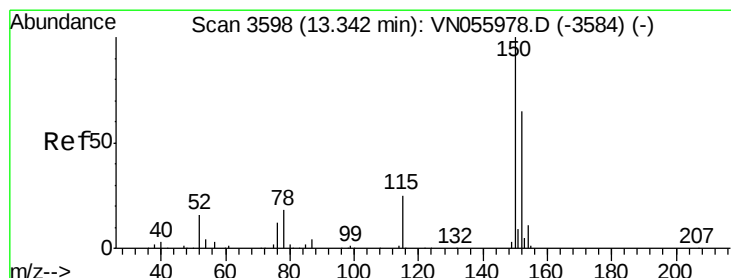
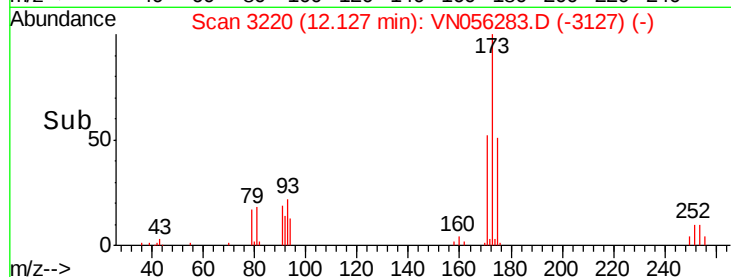
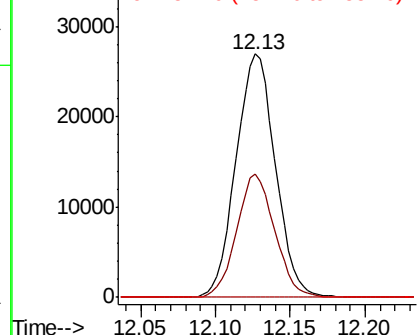
#71
Bromoform
Concen: 20.676 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampleId :

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

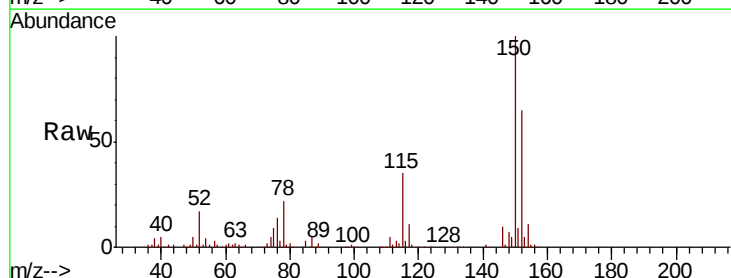


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

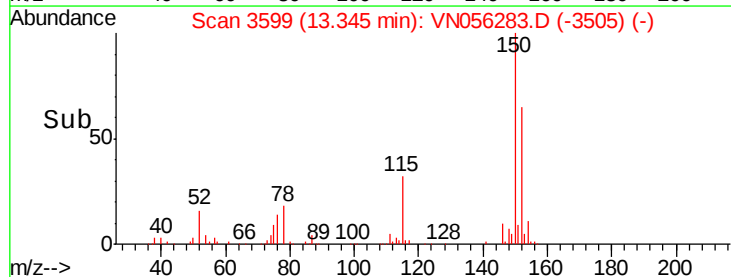
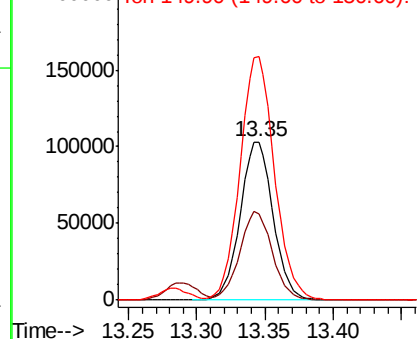


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.0	81.0
150	161.6	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: 24.545 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

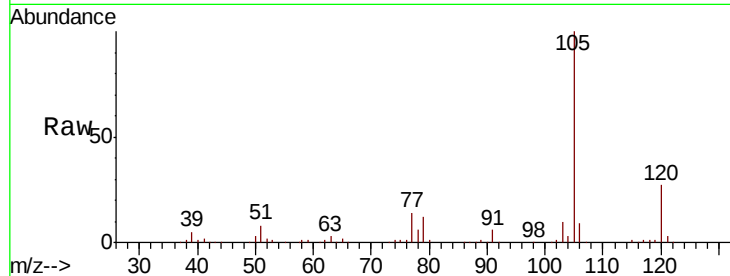
ClientSampled :

Tot Ion:105 Resp: 315813

Ion Ratio Lower Upper

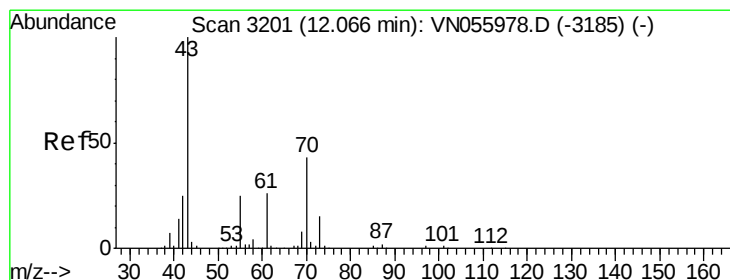
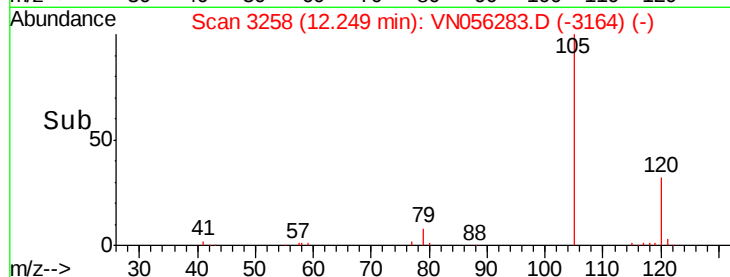
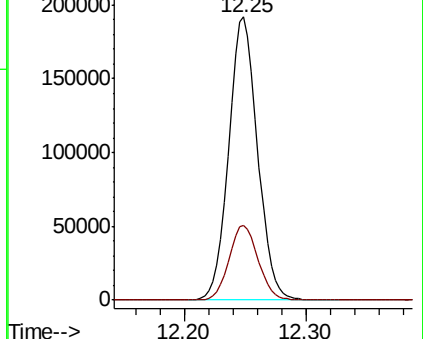
105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.040 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Tgt Ion: 43 Resp: 105562

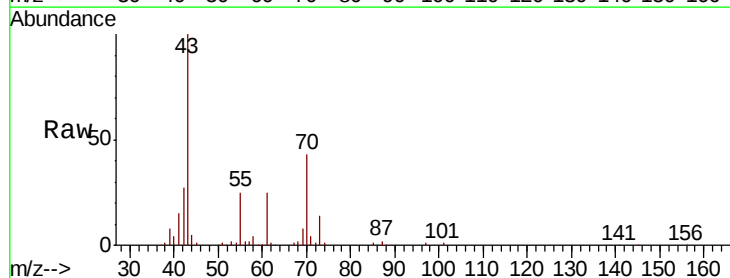
Ion Ratio Lower Upper

43 100

70 44.4 34.0 51.0

55 26.4 18.6 28.0

61 25.5 20.0 30.0

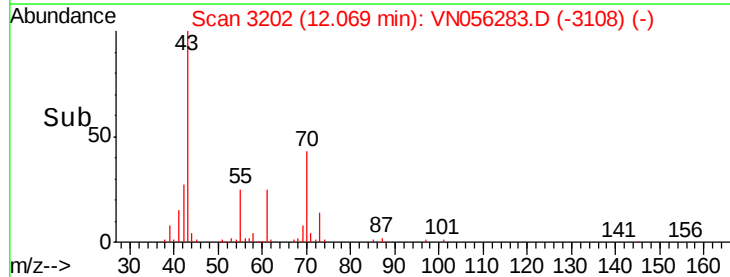
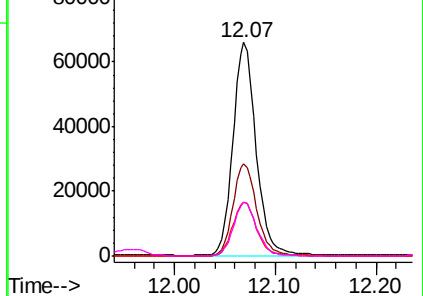


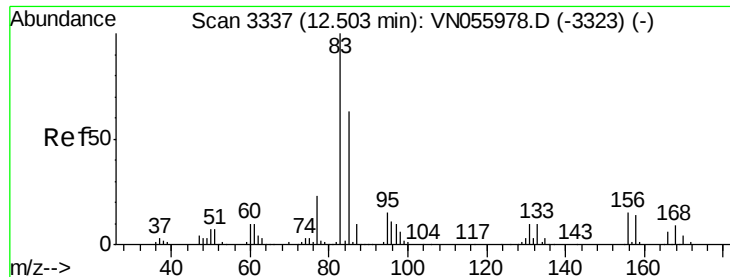
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 25.692 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

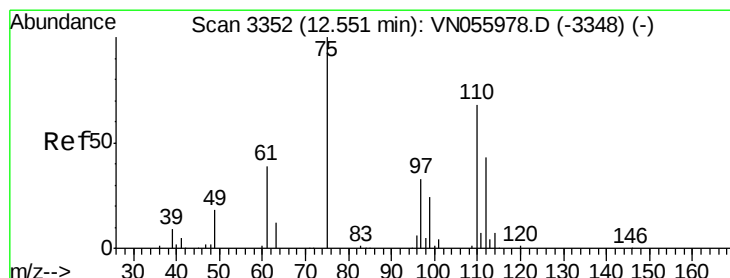
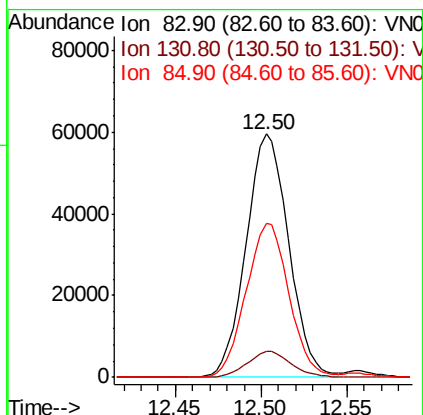
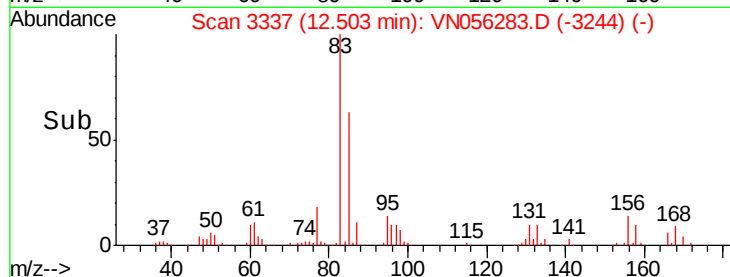
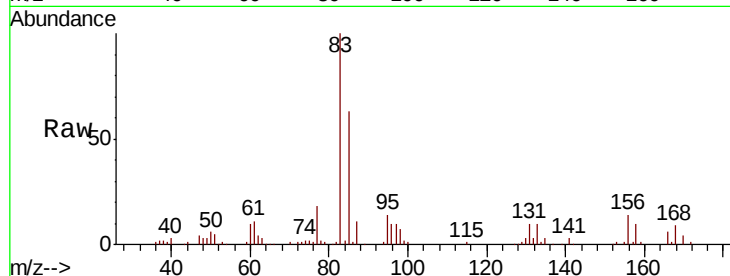
Tot Ion: 83 Resp: 102515

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 63.4 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 35.269 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056283.D

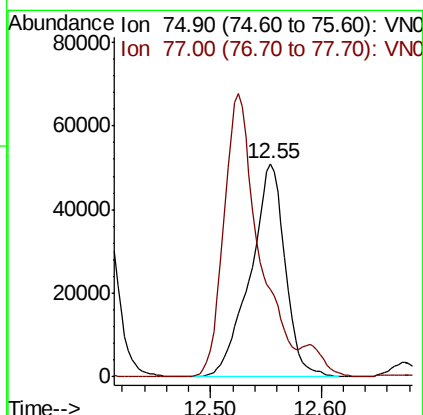
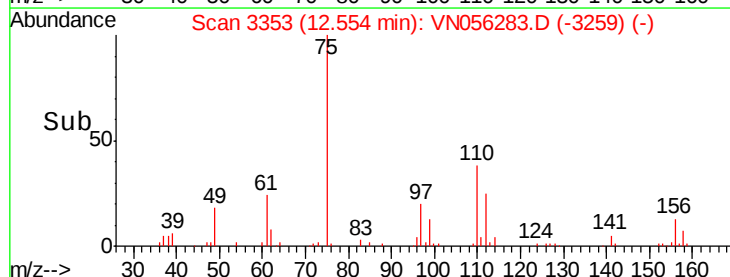
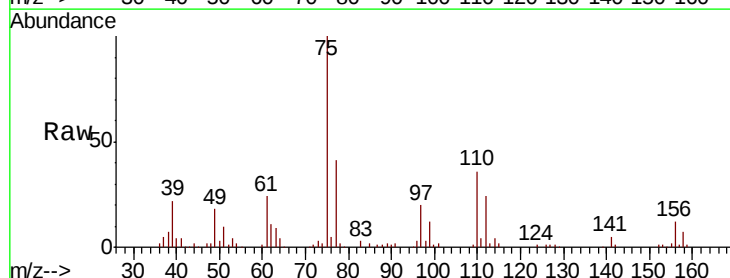
Acq: 13 Jun 2019 15:55

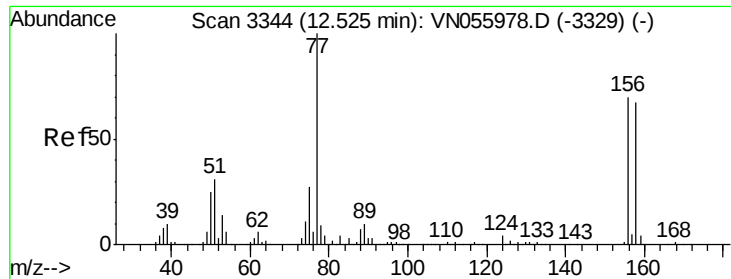
Tgt Ion: 75 Resp: 111543

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 27.283 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

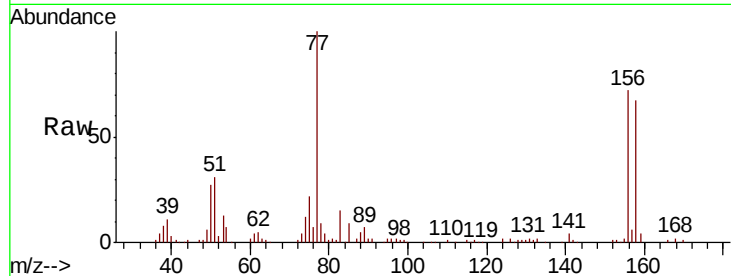
Tot Ion:156 Resp: 100398

Ion Ratio Lower Upper

156 100

77 147.3 90.8 272.5

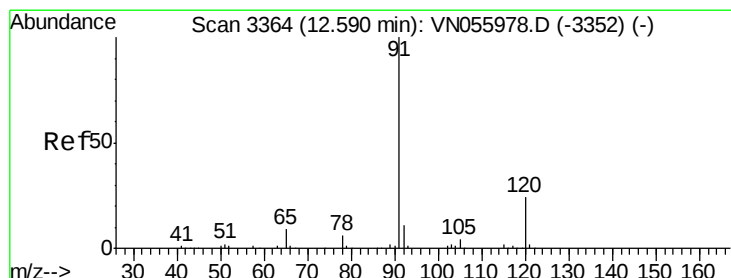
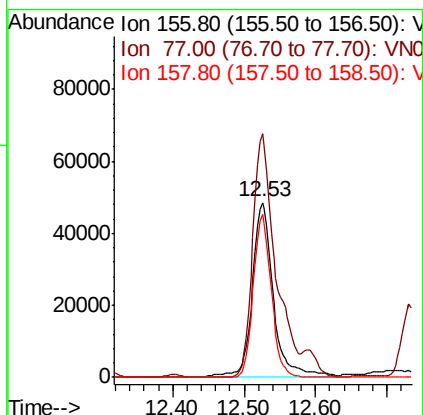
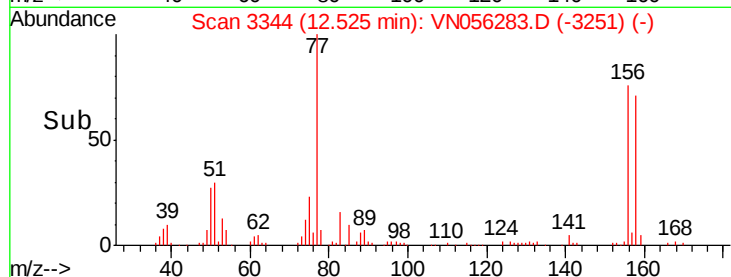
158 78.4 49.3 147.8



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: 22.218 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056283.D

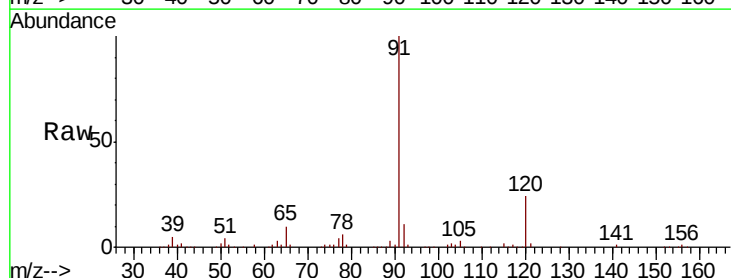
Acq: 13 Jun 2019 15:55

Tgt Ion: 91 Resp: 323072

Ion Ratio Lower Upper

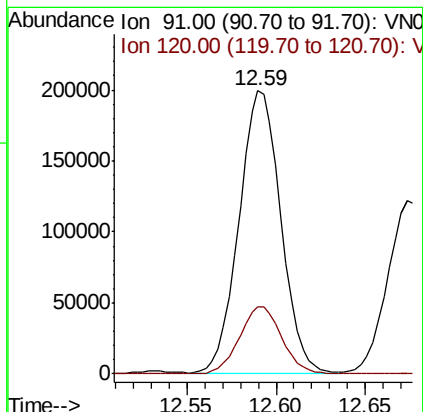
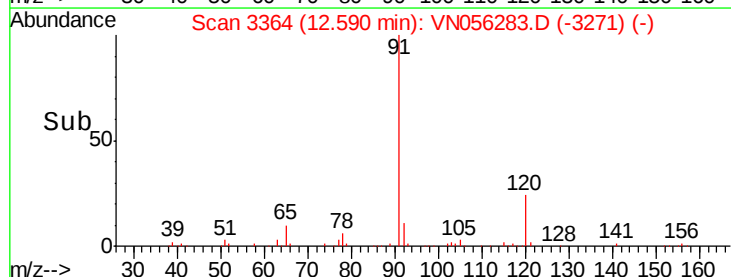
91 100

120 24.1 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: 23.993 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

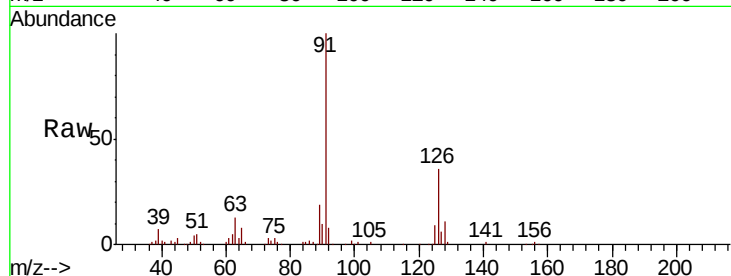
ClientSampleId :

Tot Ion: 91 Resp: 203254

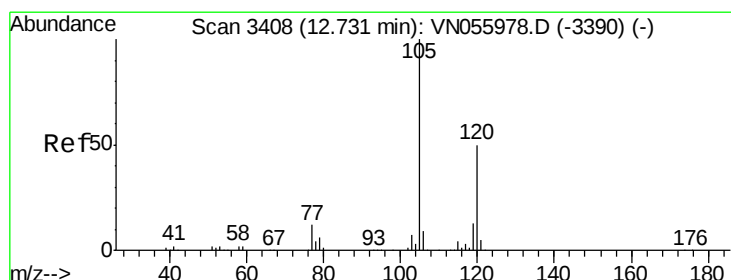
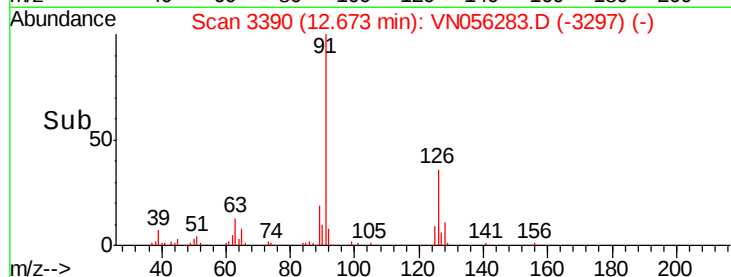
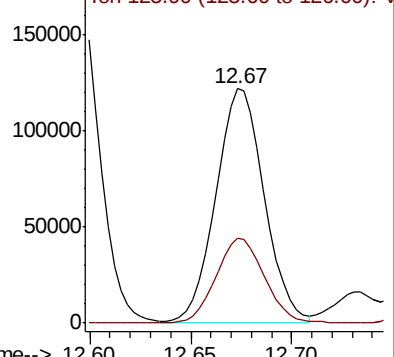
Ion Ratio Lower Upper

91 100

126 36.5 18.1 54.4



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



#80

1,3,5-Trimethylbenzene

Concen: 22.138 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056283.D

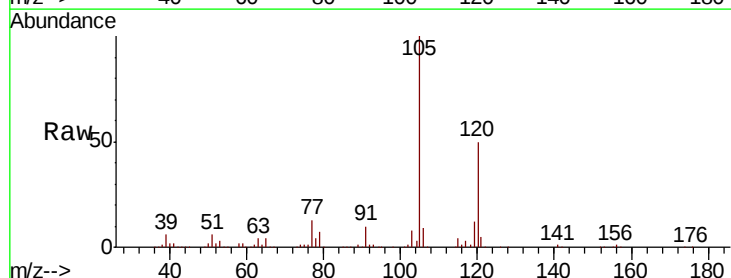
Acq: 13 Jun 2019 15:55

Tgt Ion: 105 Resp: 255842

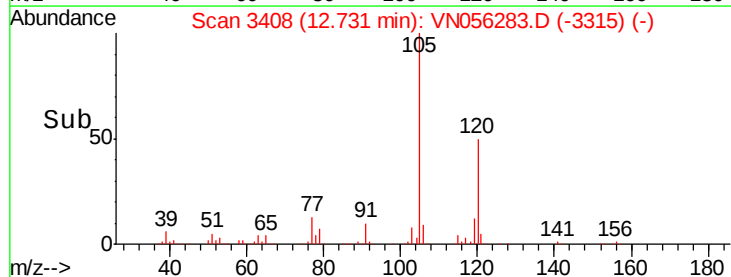
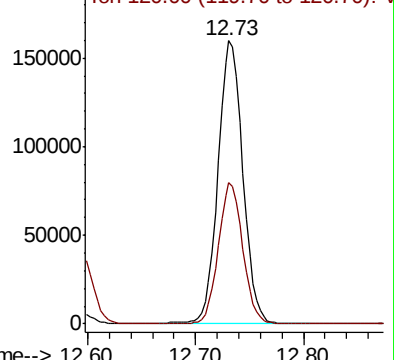
Ion Ratio Lower Upper

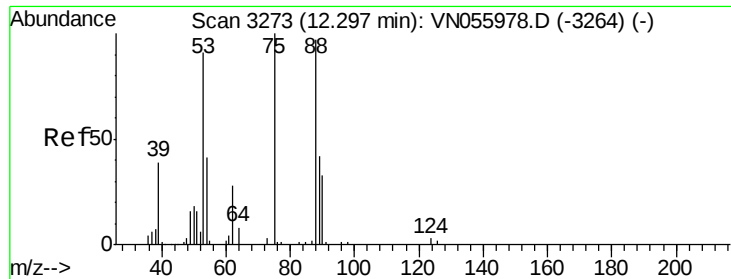
105 100

120 49.0 24.7 74.1



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

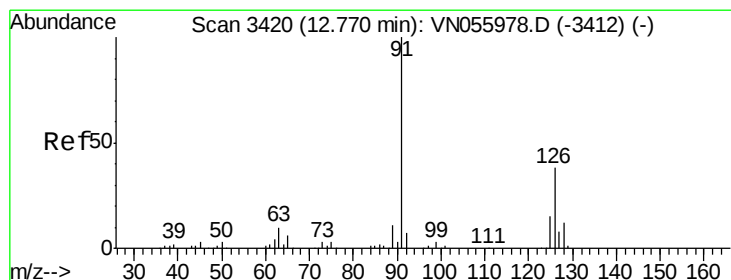
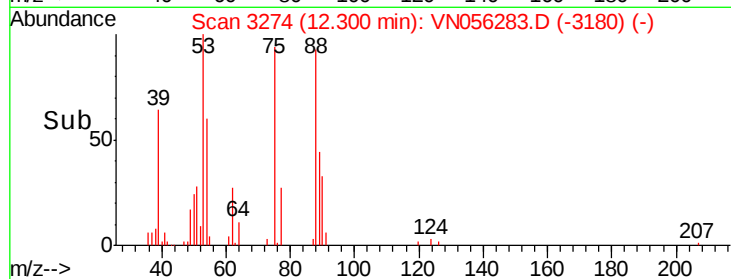
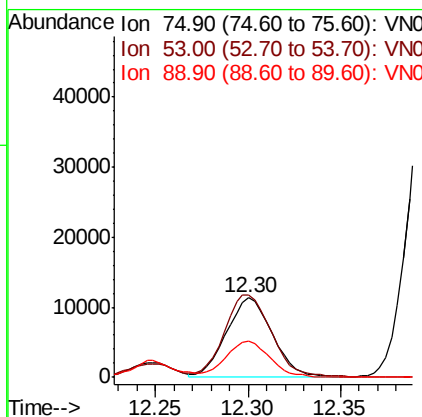
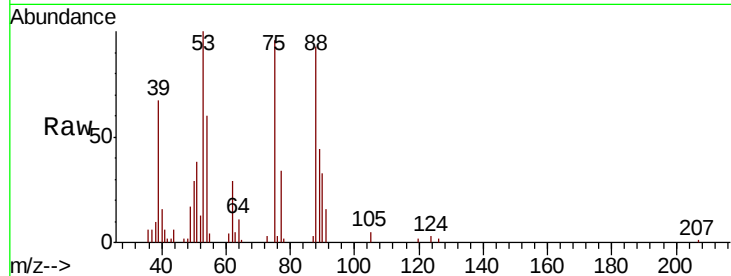




#81
trans-1,4-Dichloro-2-butene
Concen: 20.707 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

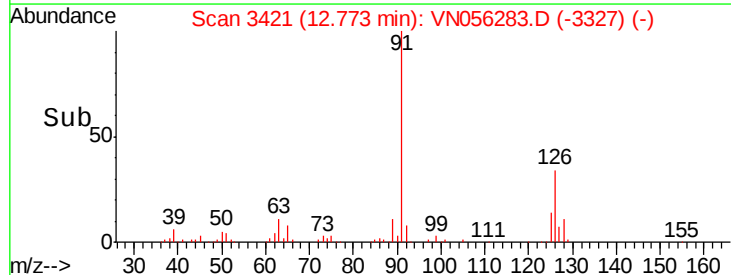
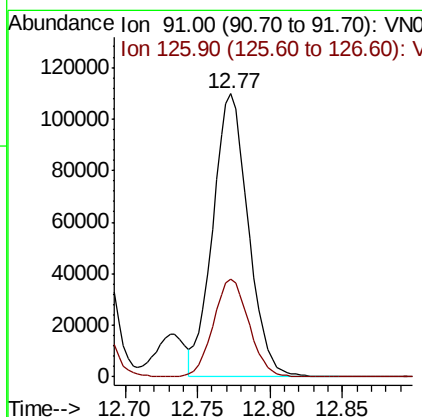
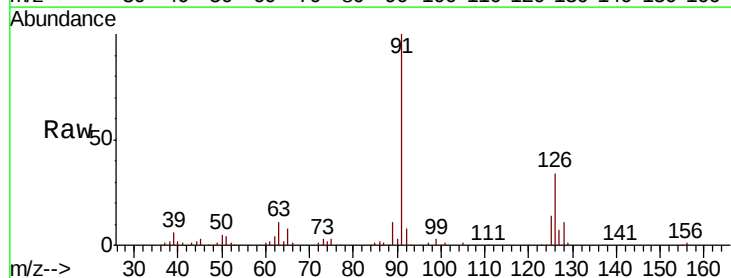
Instrument :
MSVOA_N
ClientSampleId :

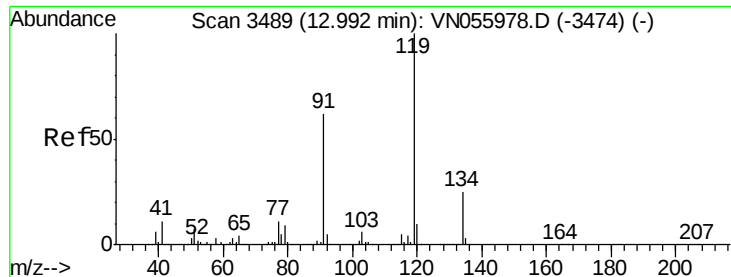
Tot Ion: 75 Resp: 19665
Ion Ratio Lower Upper
75 100
53 106.2 68.1 102.1#
89 43.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 21.973 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion: 91 Resp: 186927
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.3

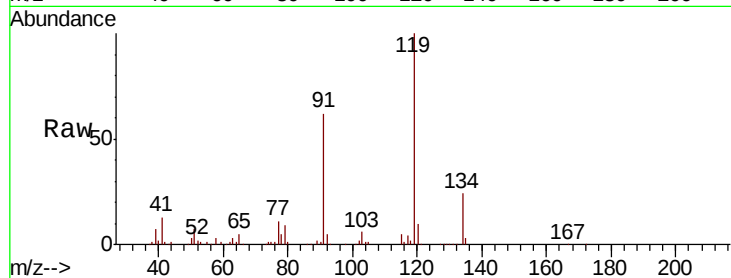




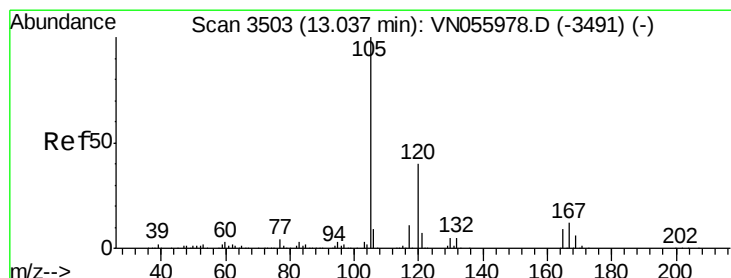
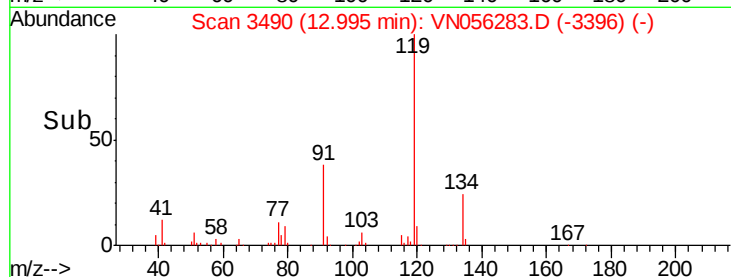
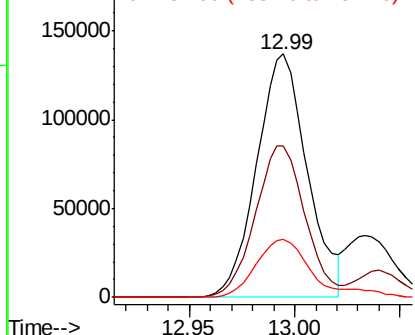
#83
tert-Butylbenzene
Concen: 24.078 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 228581
Ion Ratio Lower Upper
119 100
91 61.2 30.9 92.8
134 26.7 13.3 39.8

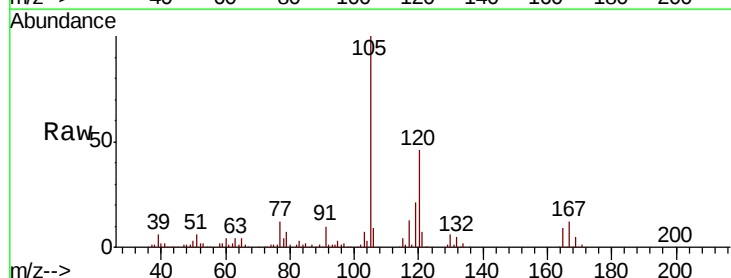


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

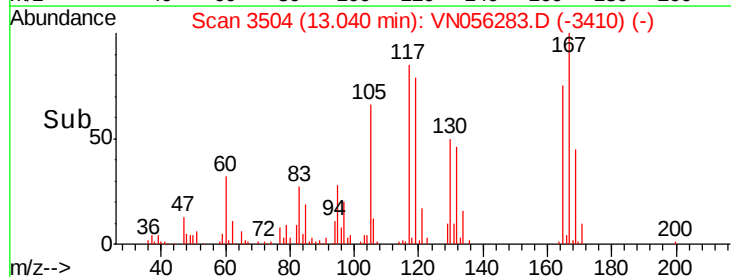
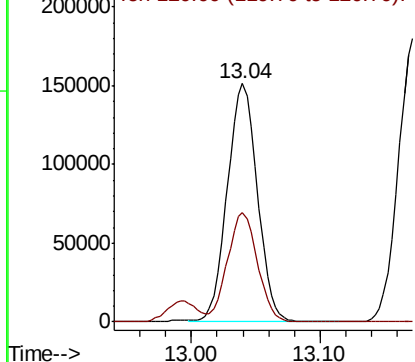


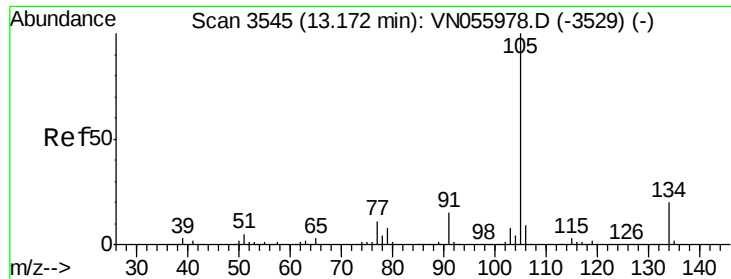
#84
1,2,4-Trimethylbenzene
Concen: 22.389 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056283.D
Acq: 13 Jun 2019 15:55

Tgt Ion:105 Resp: 245364
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0



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

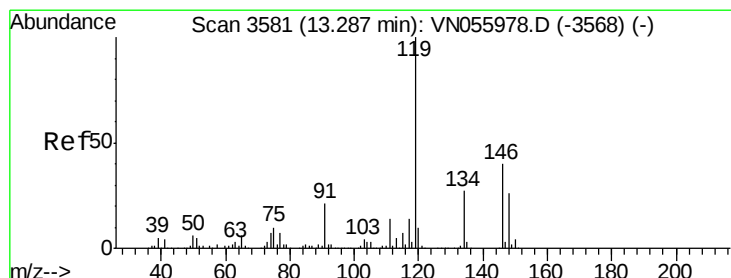
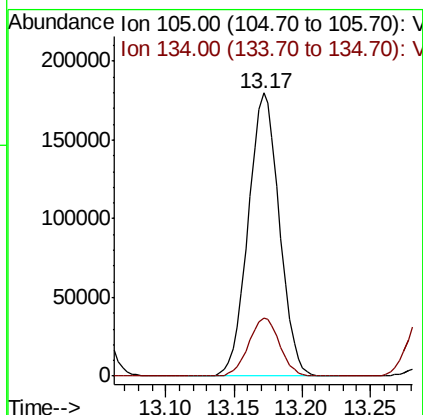
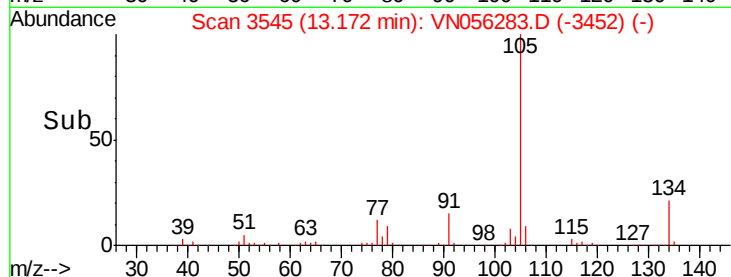
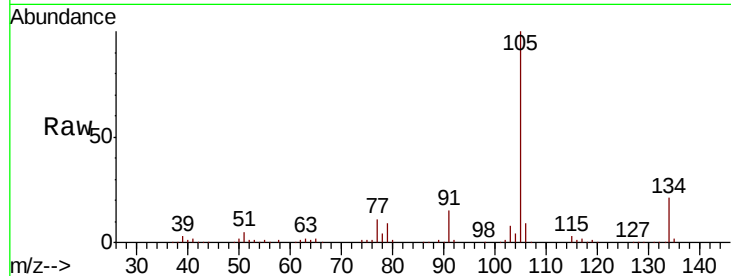




#85
 sec-Butylbenzene
 Concen: 22.112 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

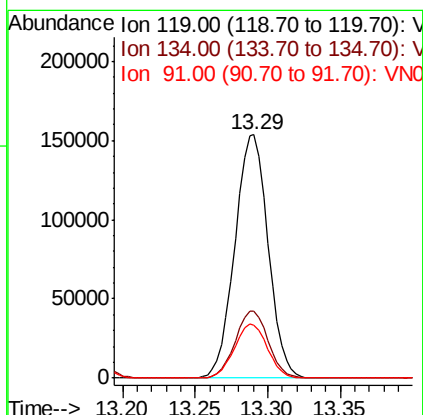
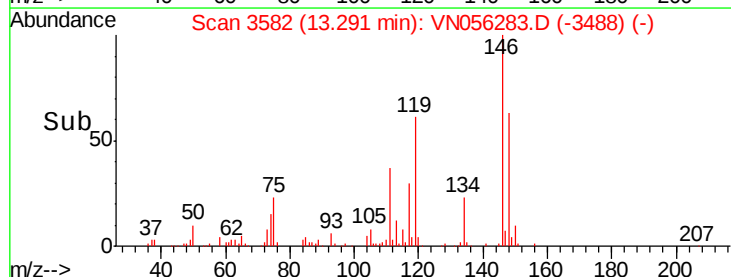
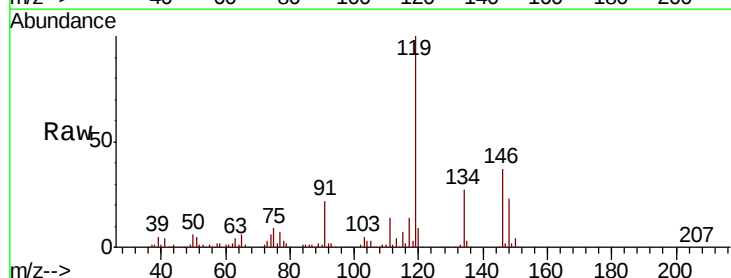
Instrument :
 MSVOA_N
 ClientSampled :

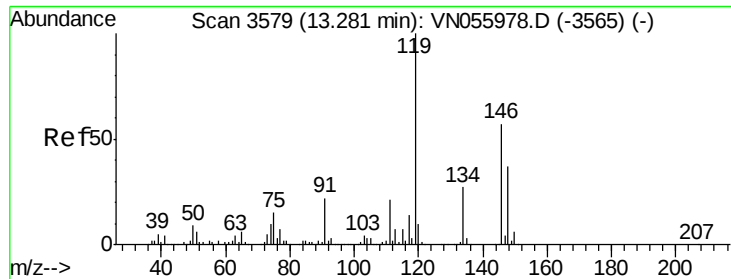
Tot Ion:105 Resp: 284744
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.194 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Tgt Ion:119 Resp: 244259
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 21.9 10.9 32.9

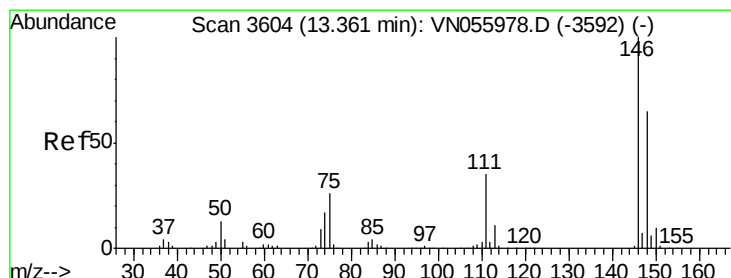
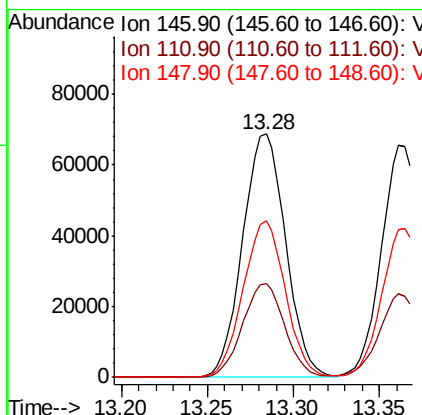
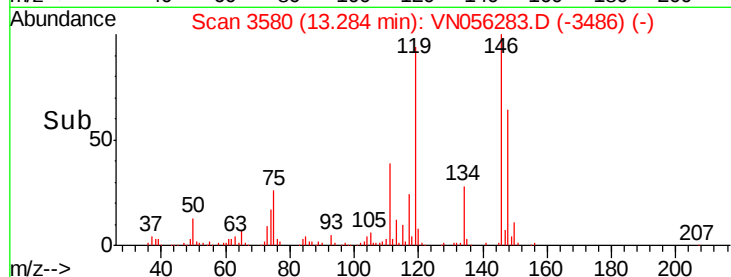
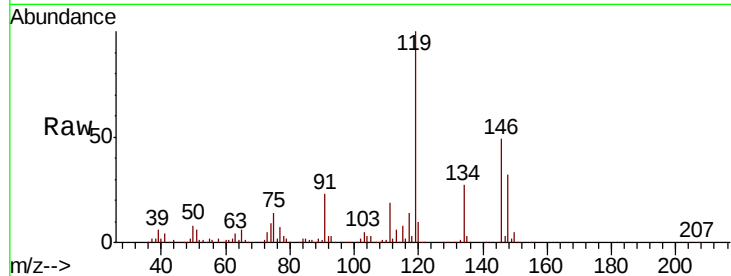




#87
 1,3-Dichlorobenzene
 Concen: 20.983 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

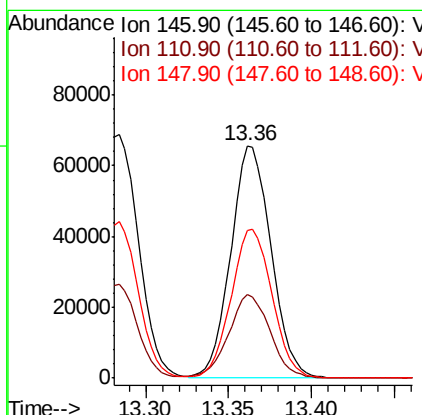
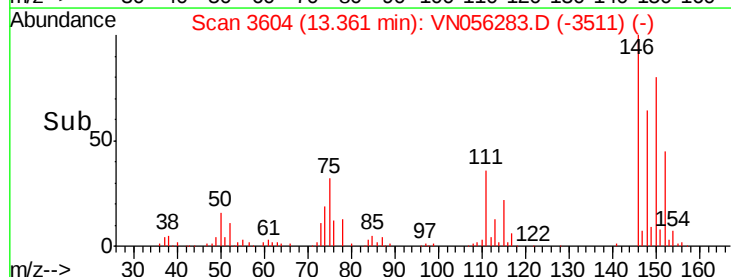
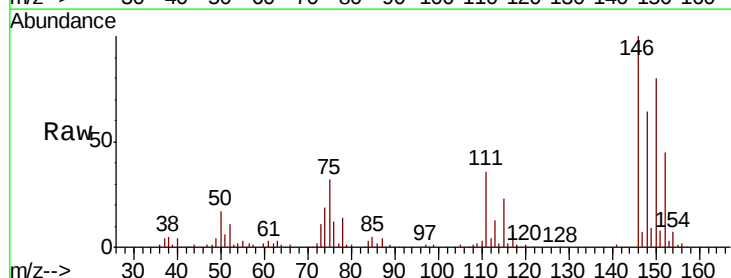
Instrument :
 MSVOA_N
 ClientSampled :

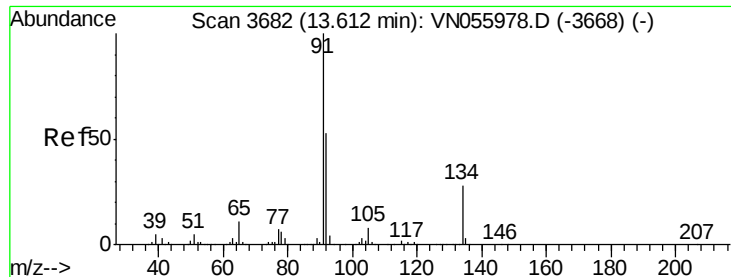
Tot Ion:146 Resp: 119505
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.5 55.5
 148 63.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.294 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Tgt Ion:146 Resp: 111185
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.4
 148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 19.200 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

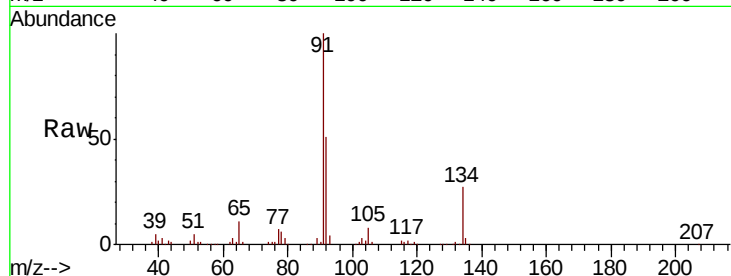
Tot Ion: 91 Resp: 163920

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 27.2 13.9 41.7

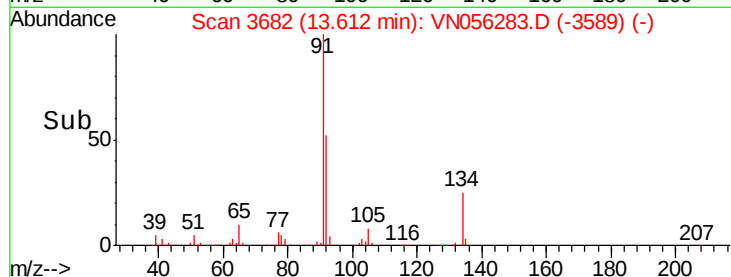


Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)

Time-->

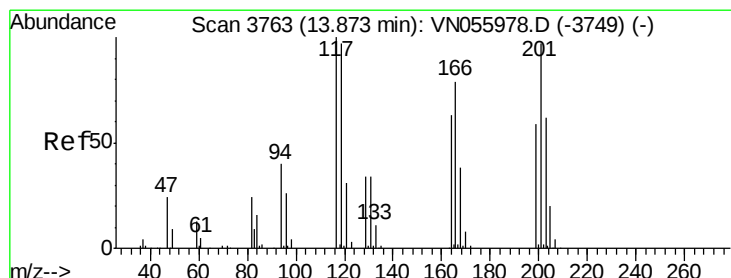


Abundance Ion 91.00 (90.70 to 91.70): VN056283.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN056283.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN056283.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: 23.929 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056283.D

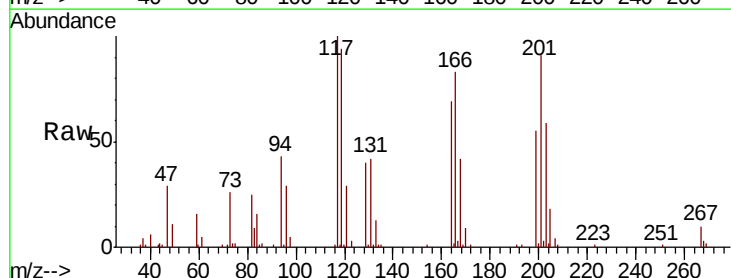
Acq: 13 Jun 2019 15:55

Tgt Ion: 117 Resp: 41589

Ion Ratio Lower Upper

117 100

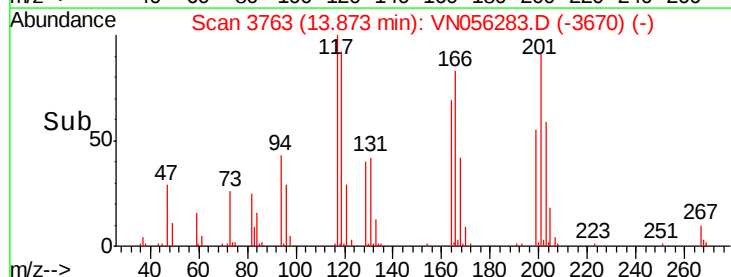
201 90.3 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN056283.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN056283.D (-3670) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 21.148 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

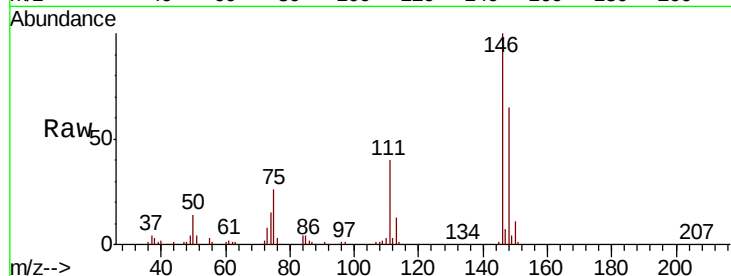
Tot Ion:146 Resp: 121607

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.5

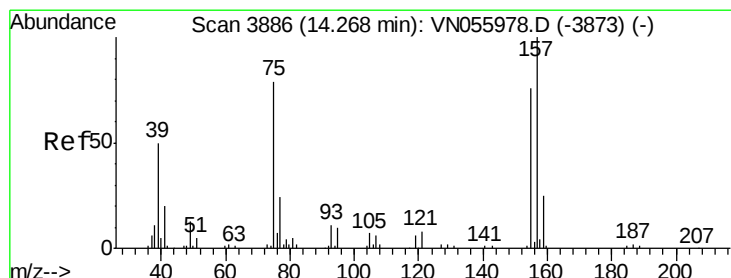
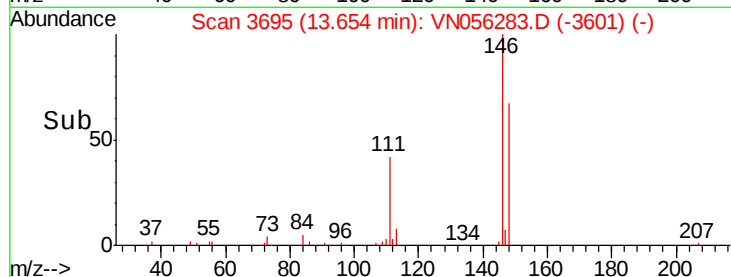
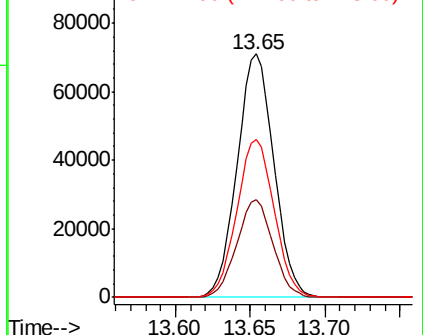
148 65.9 31.9 95.9



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: 24.720 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

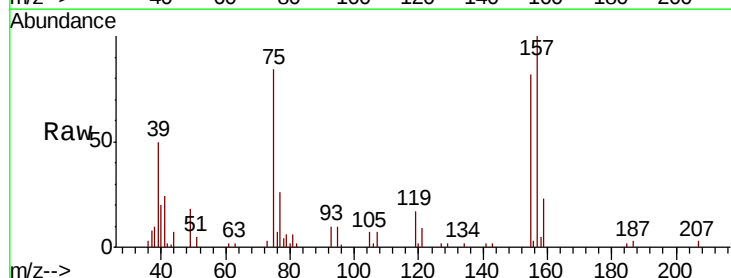
Tgt Ion: 75 Resp: 14108

Ion Ratio Lower Upper

75 100

155 103.8 50.0 150.1

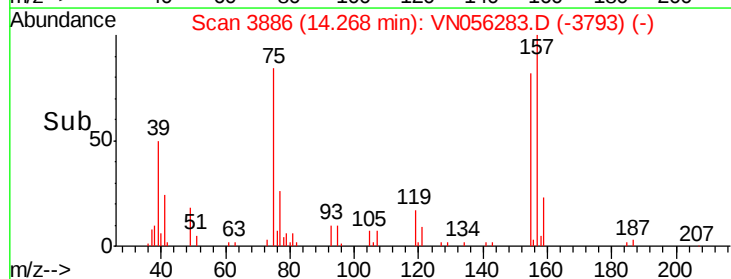
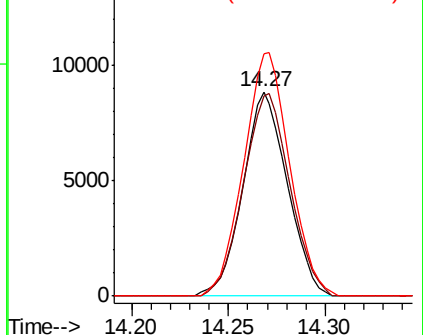
157 123.8 64.8 194.3



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

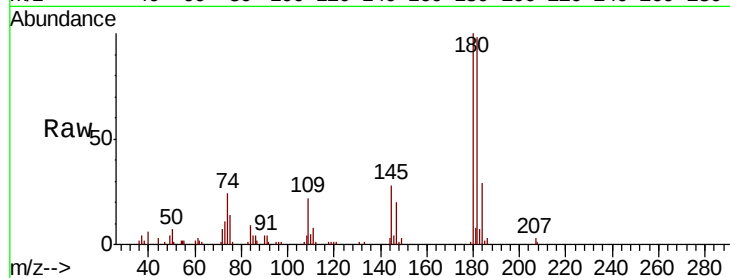




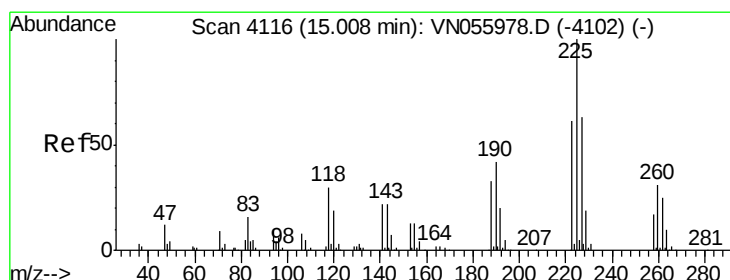
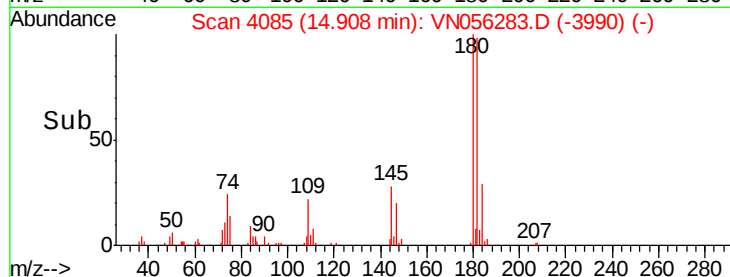
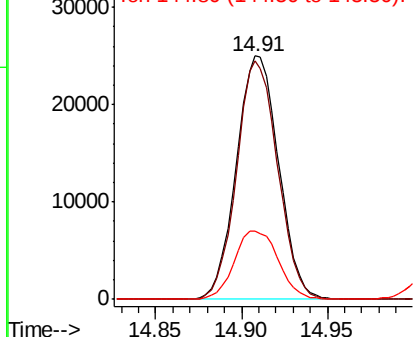
#93
 1,2,4-Trichlorobenzene
 Concen: 16.602 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 42725
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.3 144.9
 145 29.3 14.0 41.9

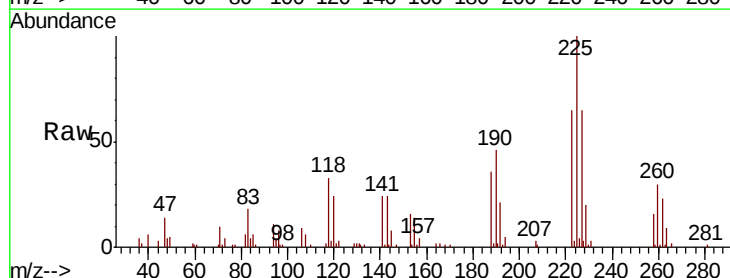


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

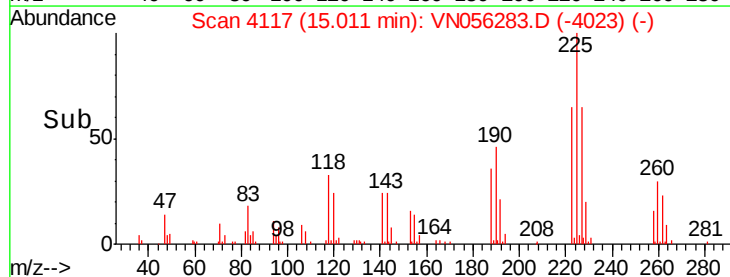
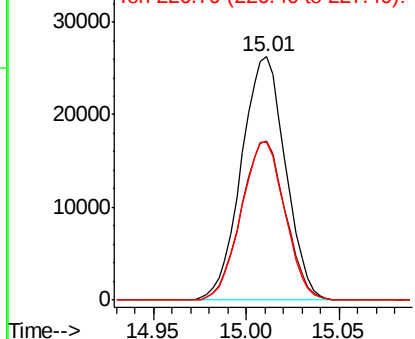


#94
 Hexachlorobutadiene
 Concen: 20.759 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN056283.D
 Acq: 13 Jun 2019 15:55

Tgt Ion:225 Resp: 43346
 Ion Ratio Lower Upper
 225 100
 223 65.8 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: 18.214 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

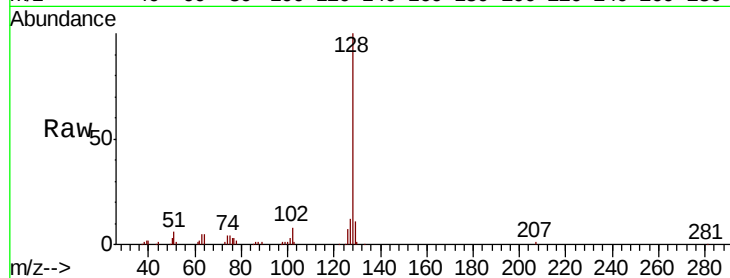
Tot Ion:128 Resp: 127933

Ion Ratio Lower Upper

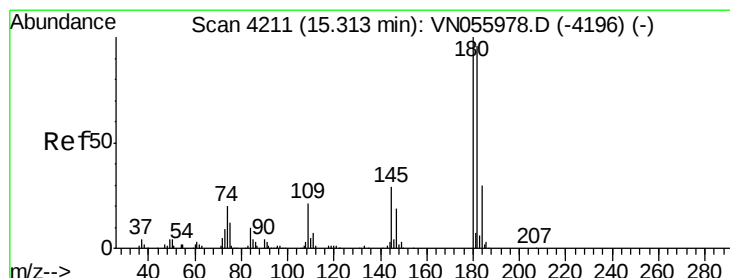
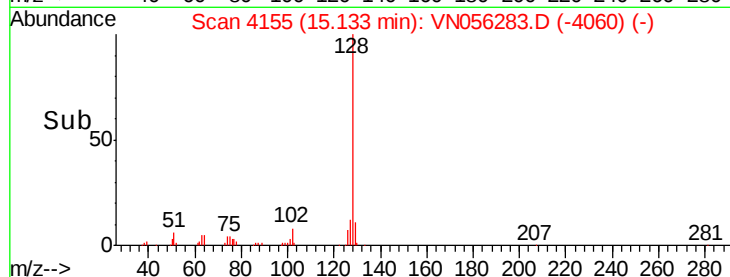
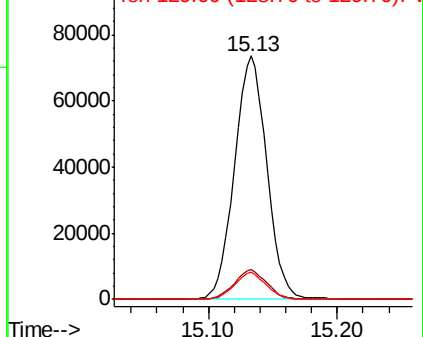
128 100

127 12.3 10.3 15.5

129 10.7 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: 17.973 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056283.D

Acq: 13 Jun 2019 15:55

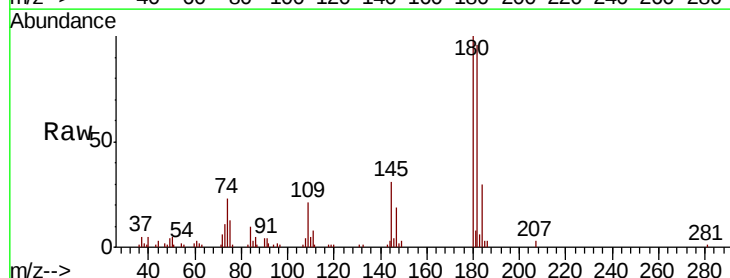
Tgt Ion:180 Resp: 51367

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 30.6 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

