

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058200.D
 Acq On : 19 Sep 2019 13:06
 Operator : JC/SP
 Sample : VN0919WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 01:50:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	469239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	804415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	337611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	352785	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
35) Dibromofluoromethane	7.57	113	254808	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.08	98	1005754	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	356126	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	72978	18.932	ug/l	97
3) Chloromethane	2.04	50	60460	19.722	ug/l	97
4) Vinyl Chloride	2.17	62	66929	20.056	ug/l	99
5) Bromomethane	2.55	94	33209	19.752	ug/l	94
6) Chloroethane	2.69	64	44347	20.266	ug/l	95
7) Trichlorofluoromethane	3.00	101	100312	19.065	ug/l	98
8) Diethyl Ether	3.39	74	47537	19.718	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	74734	19.701	ug/l	98
10) Methyl Iodide	3.93	142	53697	16.893	ug/l	99
11) Tert butyl alcohol	4.75	59	80968	104.149	ug/l #	89
12) 1,1-Dichloroethene	3.72	96	58824	20.221	ug/l	94
13) Acrolein	3.59	56	7797	67.676	ug/l #	49
14) Allyl chloride	4.30	41	106038	17.083	ug/l	90
15) Acrylonitrile	4.96	53	212986	102.828	ug/l	99
16) Acetone	3.80	43	197936	89.223	ug/l	96
17) Carbon Disulfide	4.03	76	72111	17.970	ug/l	100
18) Methyl Acetate	4.30	43	115089	19.716	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	291828	20.396	ug/l	100
20) Methylene Chloride	4.53	84	82317	21.065	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	64561	20.341	ug/l	98
22) Diisopropyl ether	5.93	45	319631	20.271	ug/l	95
23) Vinyl Acetate	5.87	43	1121054	103.904	ug/l	100
24) 1,1-Dichloroethane	5.83	63	171961	20.433	ug/l	100
25) 2-Butanone	6.81	43	299593	99.126	ug/l	98
26) 2,2-Dichloropropane	6.81	77	128408	17.985	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	94663	19.894	ug/l	100
28) Bromochloromethane	7.18	49	86345	21.689	ug/l	100
29) Tetrahydrofuran	7.19	42	184849	99.291	ug/l	98
30) Chloroform	7.36	83	180156	19.888	ug/l	99
31) Cyclohexane	7.64	56	113220	19.332	ug/l	93
32) 1,1,1-Trichloroethane	7.55	97	137749	19.975	ug/l	99
36) 1,1-Dichloropropene	7.78	75	106830	18.416	ug/l	99
37) Ethyl Acetate	6.91	43	117975	19.597	ug/l	99
38) Carbon Tetrachloride	7.76	117	109109	18.711	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	104137	18.611	ug/l	98
40) Benzene	8.03	78	338059	19.080	ug/l	99
41) Methacrylonitrile	7.15	41	57155	19.413	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	144924	19.493	ug/l	100
43) Isopropyl Acetate	8.15	43	217136	19.312	ug/l	99
44) Trichloroethene	8.82	130	83640	19.290	ug/l	97
45) 1,2-Dichloropropane	9.11	63	104743	19.795	ug/l	98
46) Dibromomethane	9.20	93	63369	19.698	ug/l	97
47) Bromodichloromethane	9.39	83	131868	19.566	ug/l	97
48) Methyl methacrylate	9.19	41	100086	19.606	ug/l	98
49) 1,4-Dioxane	9.19	88	33376	398.216	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	657152	110.039	ug/l	98
52) Toluene	10.15	92	210169	18.927	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	129402	18.744	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	146210	19.182	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	97854	19.858	ug/l	98
56) Ethyl methacrylate	10.43	69	141867	19.953	ug/l	98
57) 1,3-Dichloropropane	10.71	76	166945	19.707	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	348599	102.933	ug/l	100
59) 2-Hexanone	10.75	43	454917	102.567	ug/l	98
60) Dibromochloromethane	10.90	129	90339	19.056	ug/l	99
61) 1,2-Dibromoethane	11.00	107	89474	19.592	ug/l	99
64) Tetrachloroethene	10.63	164	65892	18.775	ug/l	99
65) Chlorobenzene	11.43	112	248717	19.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	92294	20.100	ug/l	100
67) Ethyl Benzene	11.51	91	438360	20.203	ug/l	100
68) m/p-Xylenes	11.62	106	316749	38.759	ug/l	99
69) o-Xylene	11.95	106	156625	19.491	ug/l	98
70) Styrene	11.97	104	275187	19.876	ug/l	99
71) Bromoform	12.13	173	55074	18.610	ug/l #	100
73) Isopropylbenzene	12.25	105	446329	21.121	ug/l	99
74) N-amyl acetate	12.07	43	184943	20.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	148884	21.039	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	178049	29.468	ug/l #	100
77) Bromobenzene	12.53	156	106075	19.955	ug/l	98
78) n-propylbenzene	12.60	91	516362	21.503	ug/l	100
79) 2-Chlorotoluene	12.68	91	311732	20.771	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	380216	21.277	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	31682	19.582	ug/l	90
82) 4-Chlorotoluene	12.78	91	323739	20.521	ug/l	99
83) tert-Butylbenzene	13.00	119	335253	21.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	384347	21.613	ug/l	99
85) sec-Butylbenzene	13.18	105	452557	21.717	ug/l	100
86) p-Isopropyltoluene	13.29	119	400740	21.631	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	196857	20.276	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	199580	20.135	ug/l	99
89) n-Butylbenzene	13.62	91	356215	20.281	ug/l	99
90) Hexachloroethane	13.88	117	57449	19.508	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	203931	20.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	25329	19.881	ug/l	99

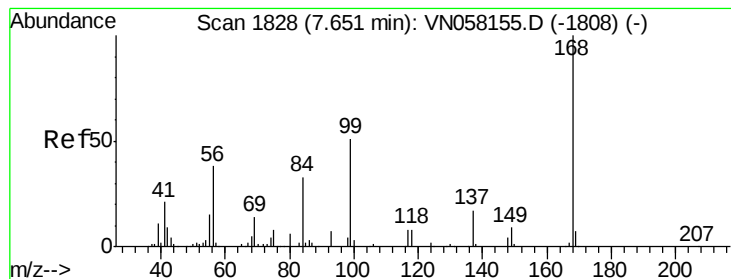
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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	121894	19.589	ug/l	98
94) Hexachlorobutadiene	15.02	225	59144	19.665	ug/l	97
95) Naphthalene	15.13	128	327397	20.302	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	116031	19.728	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

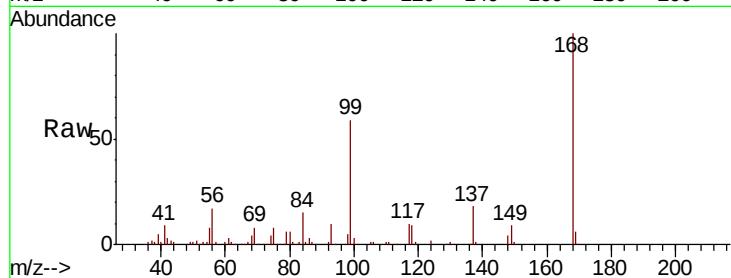
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 469239

Ion Ratio Lower Upper

168 100

99 59.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

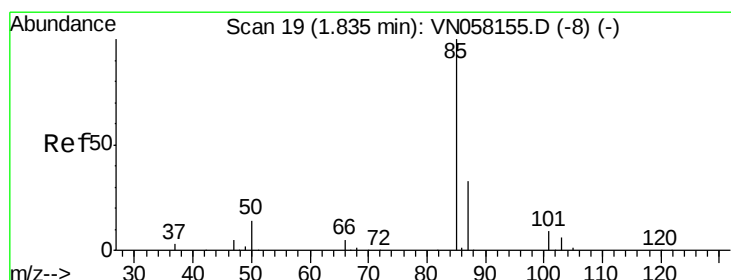
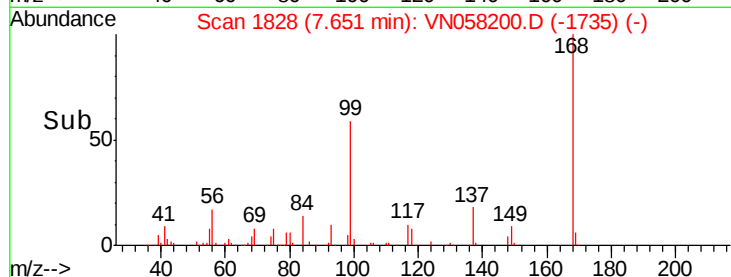
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.932 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058200.D

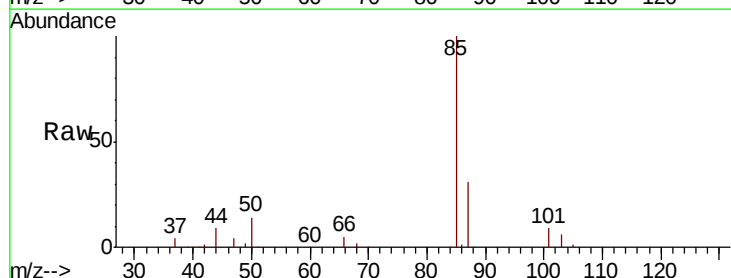
Acq: 19 Sep 2019 13:06

Tgt Ion: 85 Resp: 72978

Ion Ratio Lower Upper

85 100

87 31.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

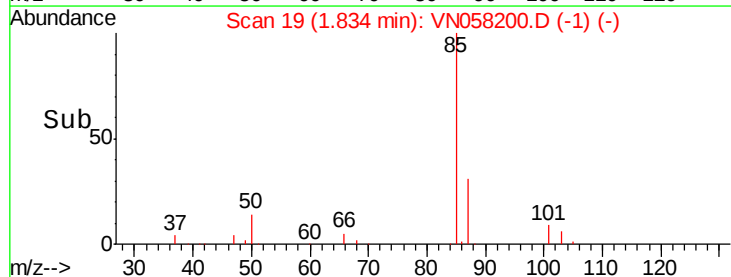
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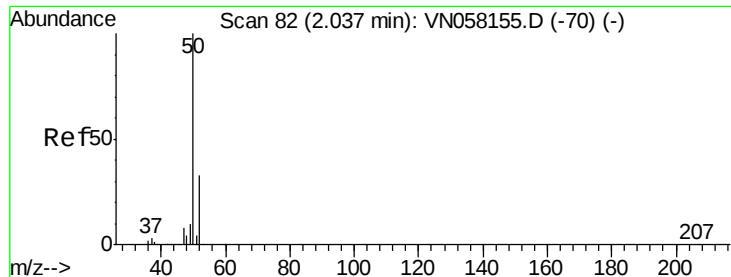
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Time-->

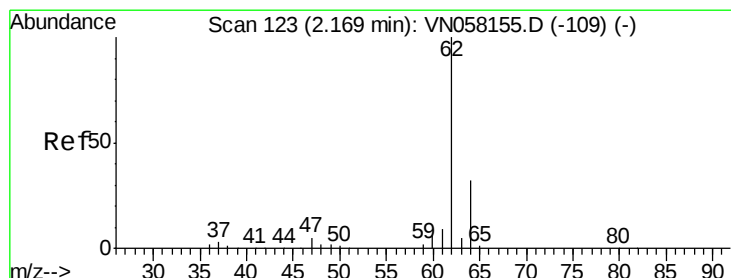
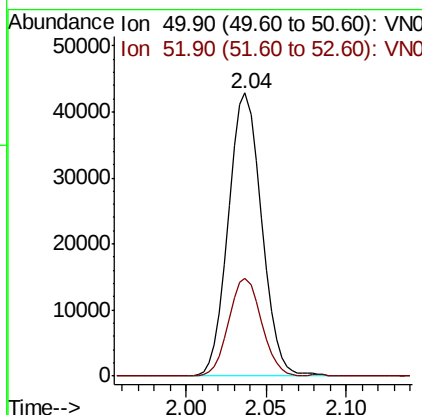
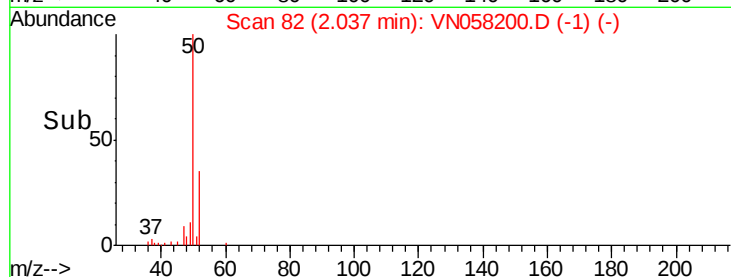
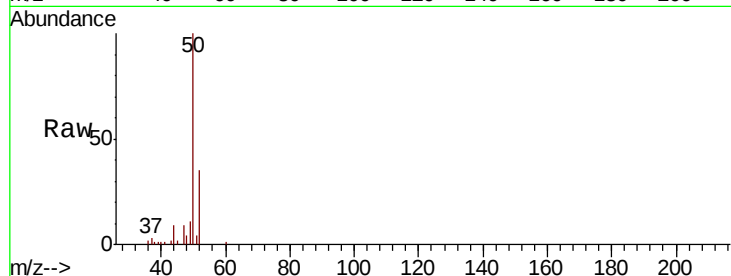




#3
Chloromethane
Concen: 19.722 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

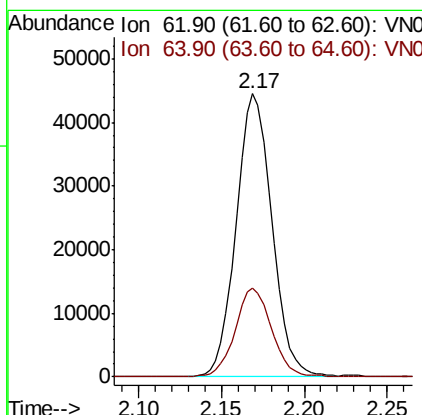
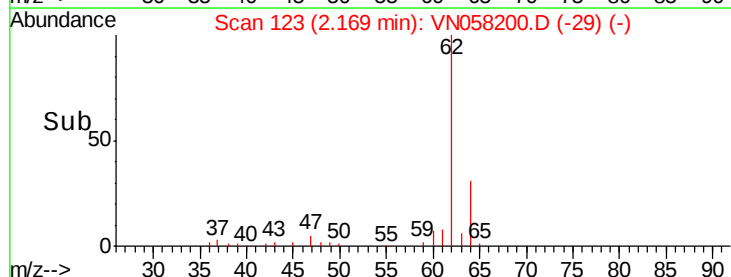
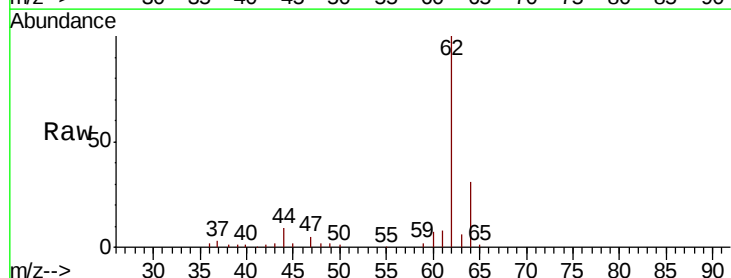
Instrument :
MSVOA_N
ClientSampleId :

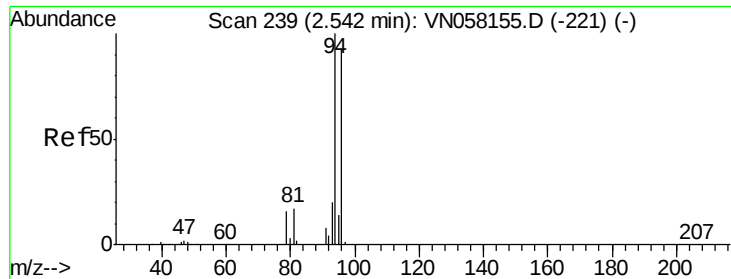
Tot Ion: 50 Resp: 60460
Ion Ratio Lower Upper
50 100
52 34.7 26.3 39.5



#4
Vinyl Chloride
Concen: 20.056 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 62 Resp: 66929
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.2





#5

Bromomethane

Concen: 19.752 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

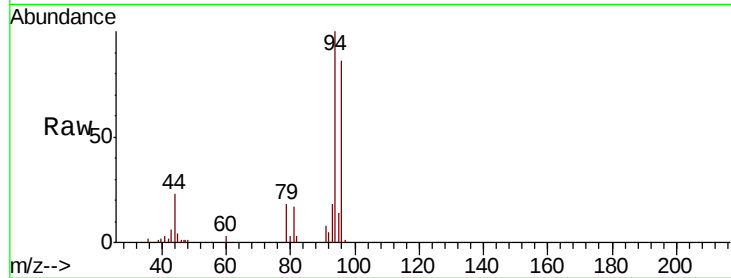
ClientSampled :

Tot Ion: 94 Resp: 33209

Ion Ratio Lower Upper

94 100

96 86.3 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

20000

15000

10000

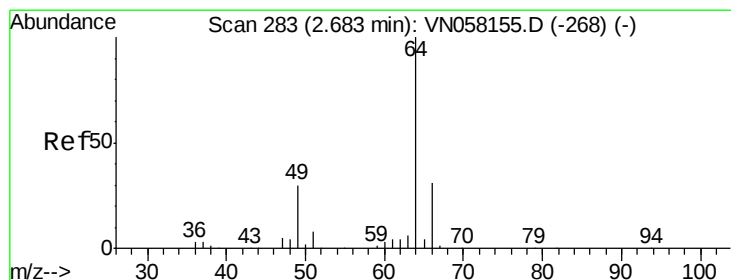
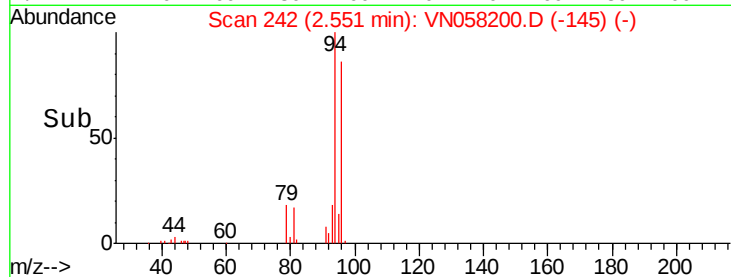
5000

0

2.55

2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 20.266 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058200.D

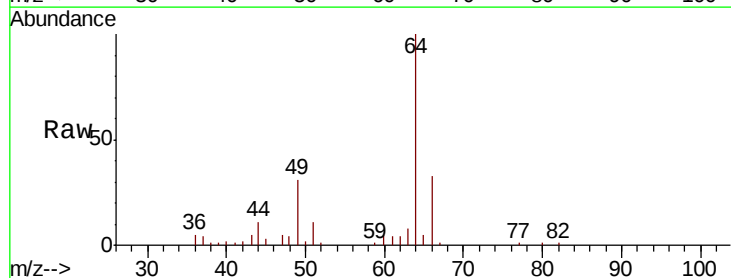
Acq: 19 Sep 2019 13:06

Tgt Ion: 64 Resp: 44347

Ion Ratio Lower Upper

64 100

66 33.4 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

25000

20000

15000

10000

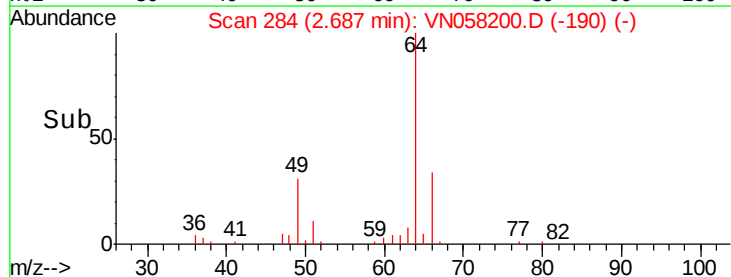
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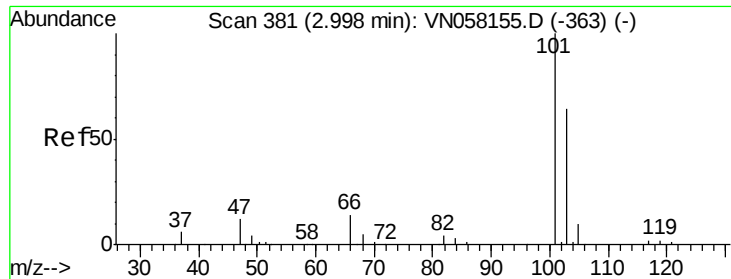
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2.69

2.60 2.65 2.70 2.75

Time-->



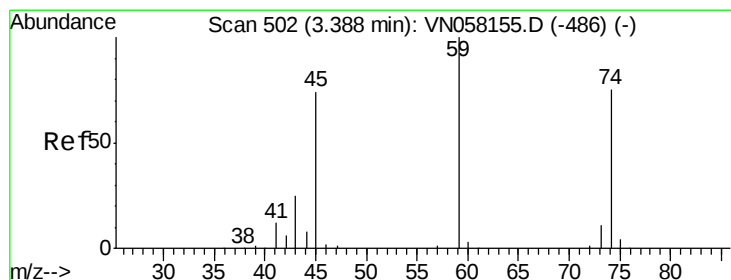
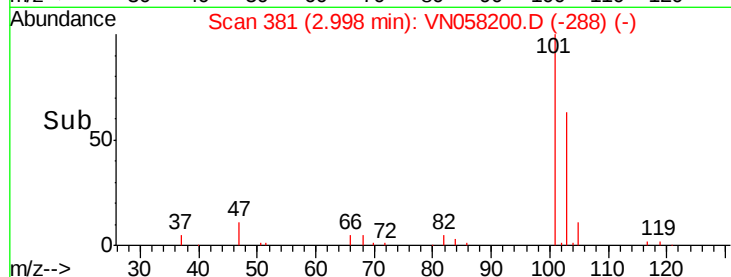
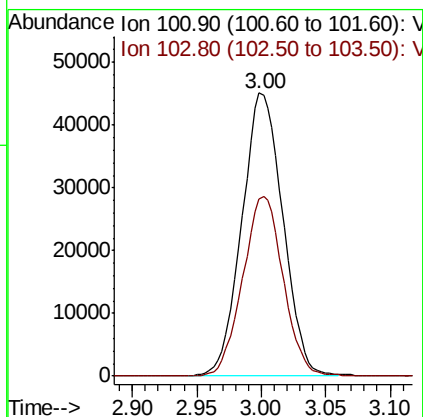
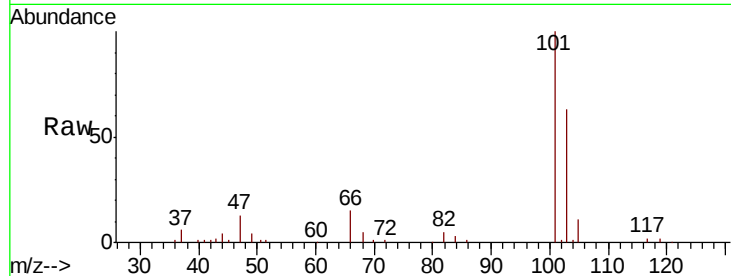


#7

Trichlorofluoromethane
 Concen: 19.065 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampled :

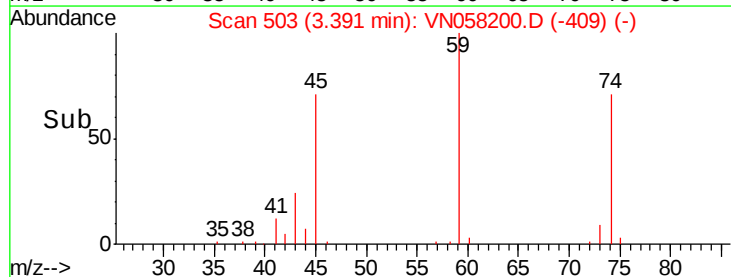
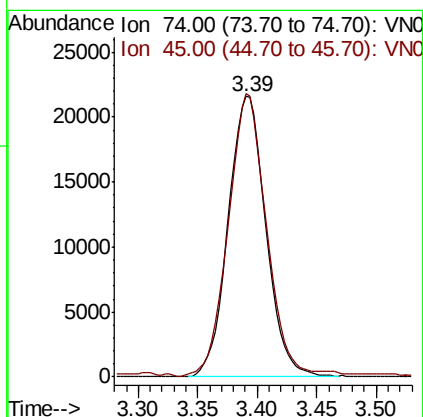
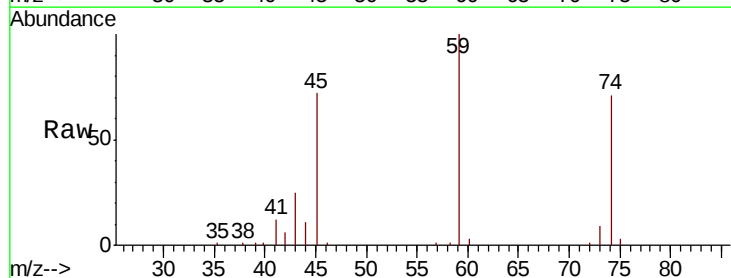
Tot Ion:101 Resp: 100312
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.0 76.6



#8

Diethyl Ether
 Concen: 19.718 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 74 Resp: 47537
 Ion Ratio Lower Upper
 74 100
 45 101.6 48.5 145.5

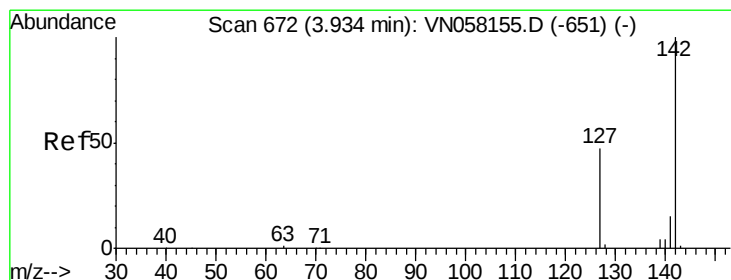
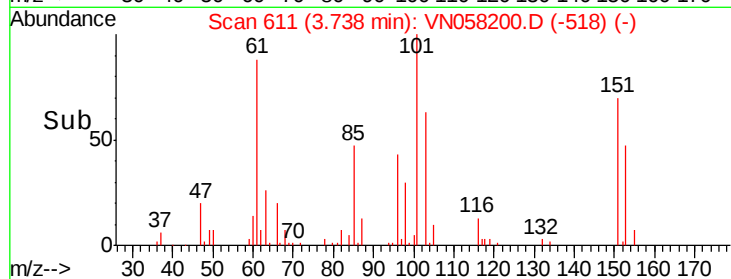
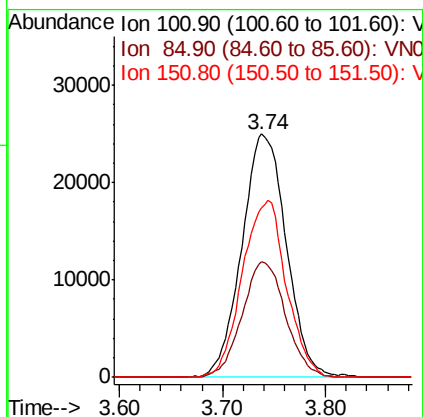
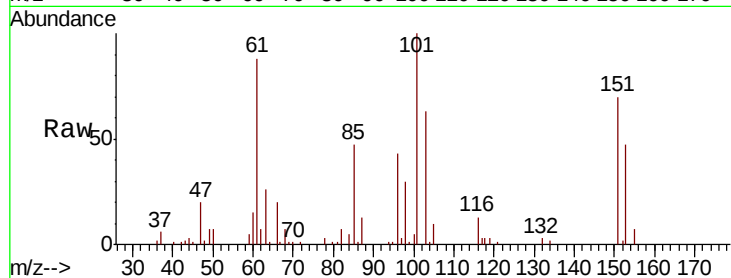




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.701 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

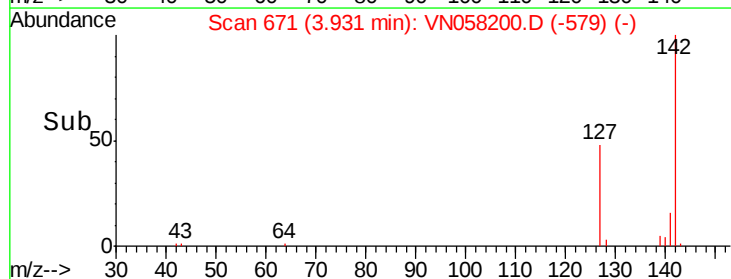
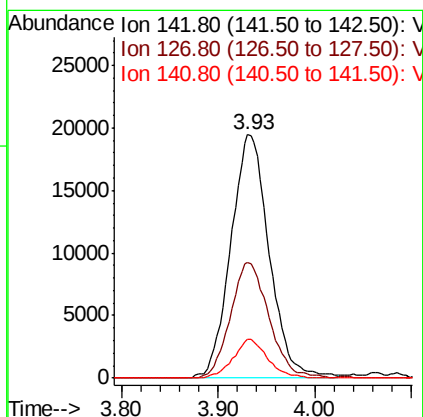
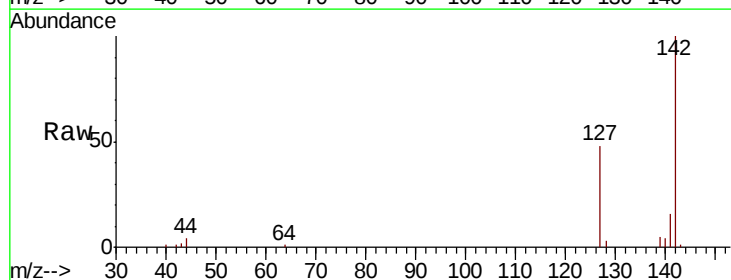
Instrument :
 MSVOA_N
 ClientSampled :

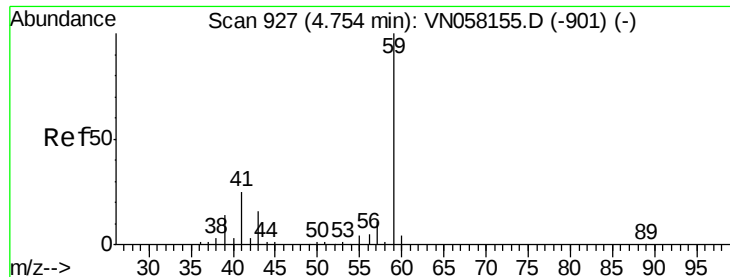
Tot Ion:101 Resp: 74734
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.3 55.9
 151 72.2 59.6 89.4



#10
 Methyl Iodide
 Concen: 16.893 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion:142 Resp: 53697
 Ion Ratio Lower Upper
 142 100
 127 47.5 37.5 56.3
 141 14.3 11.4 17.2

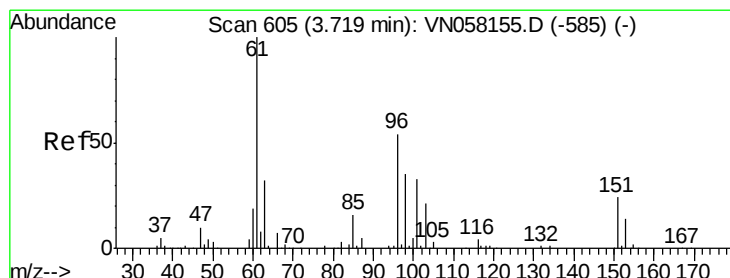
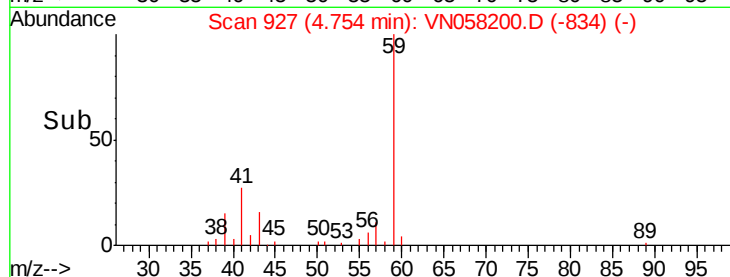
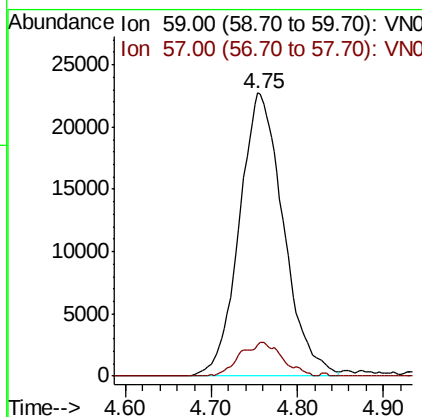
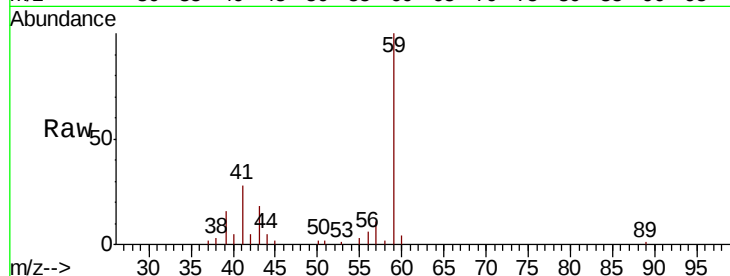




#11
Tert butyl alcohol
Concen: 104.149 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

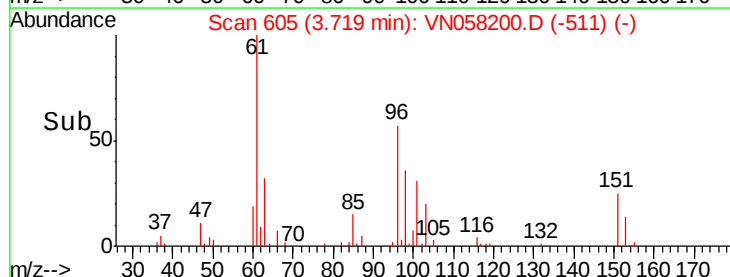
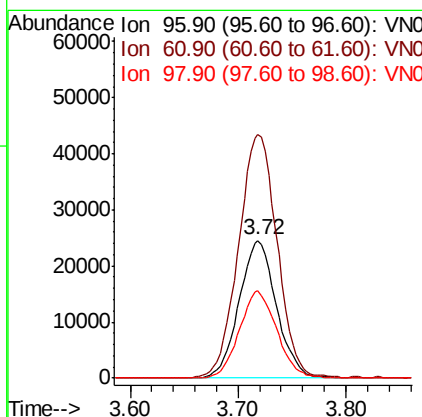
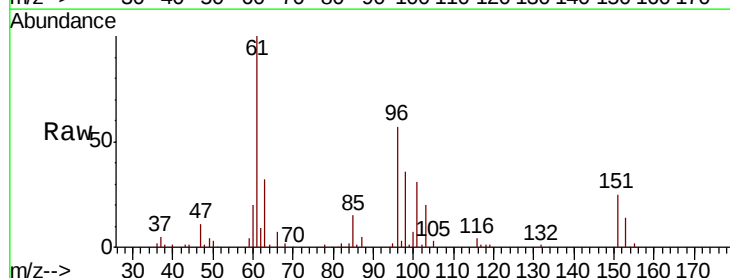
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 59 Resp: 80968
Ion Ratio Lower Upper
59 100
57 6.8 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 20.221 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 96 Resp: 58824
Ion Ratio Lower Upper
96 100
61 176.9 149.5 224.3
98 63.2 52.4 78.6





#13

Acrolein

Concen: 67.676 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

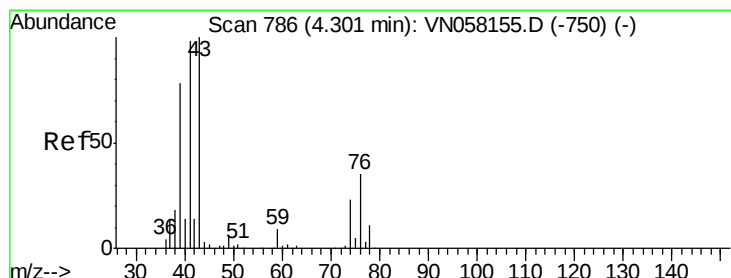
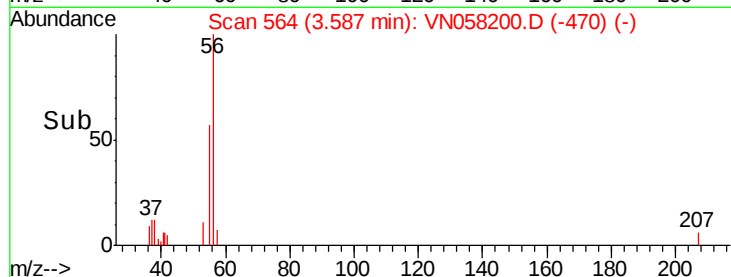
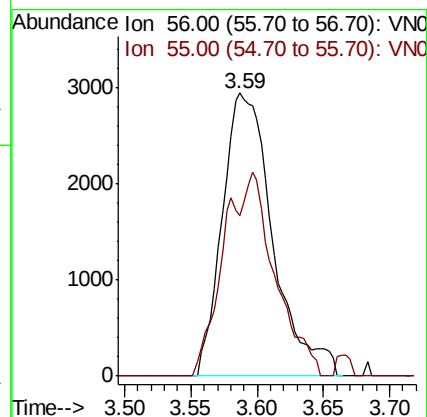
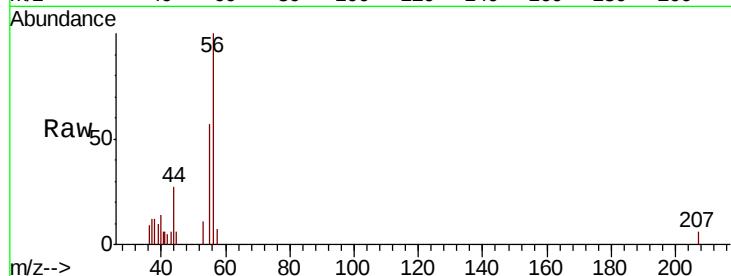
ClientSampleId :

Tot Ion: 56 Resp: 7797

Ion Ratio Lower Upper

56 100

55 28.2 56.1 84.1#



#14

Allyl chloride

Concen: 17.083 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

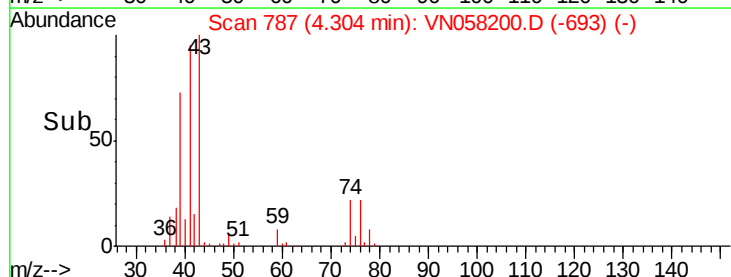
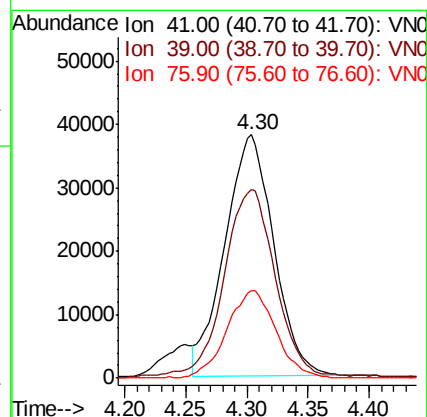
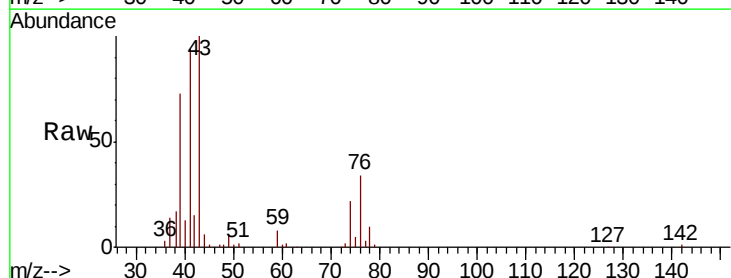
Tgt Ion: 41 Resp: 106038

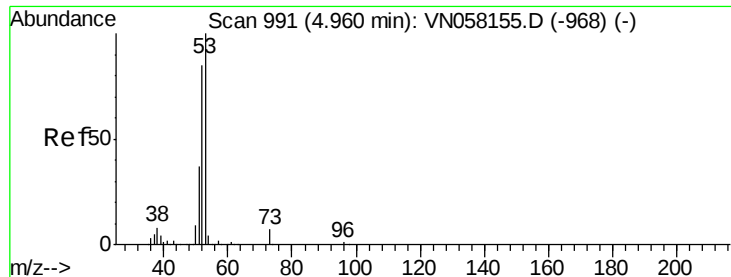
Ion Ratio Lower Upper

41 100

39 83.2 59.1 88.7

76 36.4 25.1 37.7





#15

Acrylonitrile

Concen: 102.828 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

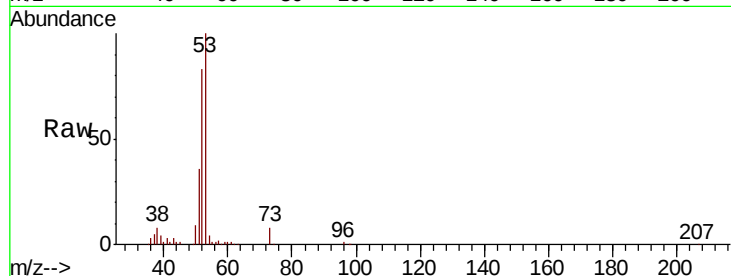
Tot Ion: 53 Resp: 212986

Ion Ratio Lower Upper

53 100

52 84.2 66.6 100.0

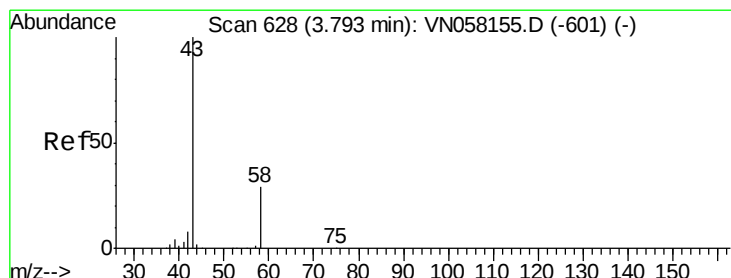
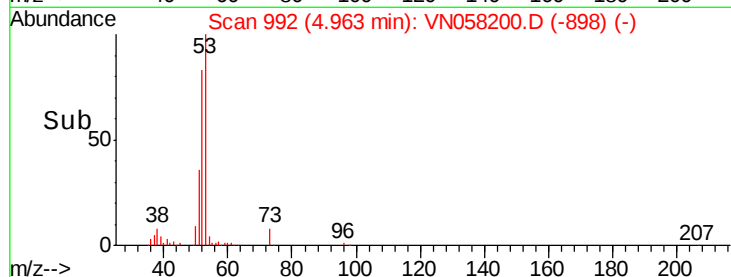
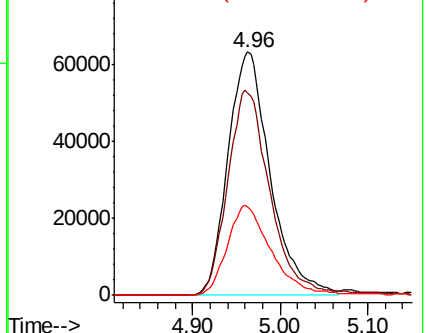
51 38.2 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN058155.D (-968) (-)

Ion 52.00 (51.70 to 52.70): VN058155.D (-968) (-)

Ion 51.00 (50.70 to 51.70): VN058155.D (-968) (-)



#16

Acetone

Concen: 89.223 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058200.D

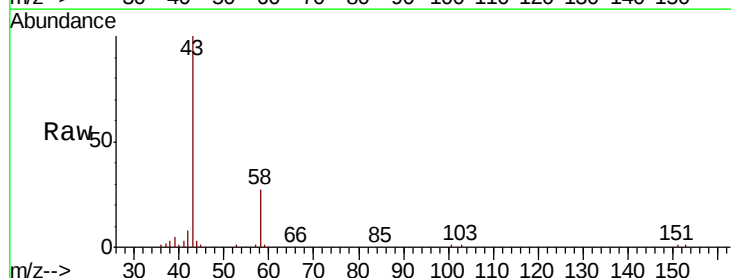
Acq: 19 Sep 2019 13:06

Tgt Ion: 43 Resp: 197936

Ion Ratio Lower Upper

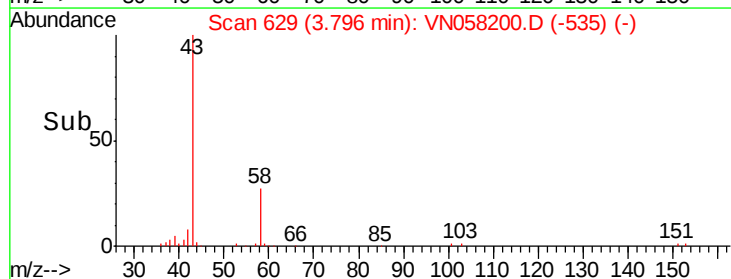
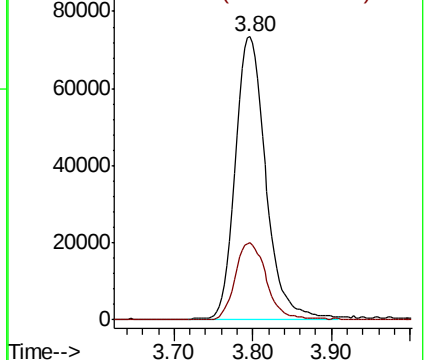
43 100

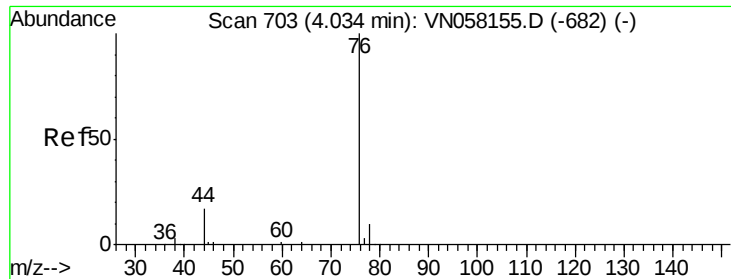
58 27.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN058155.D (-601) (-)

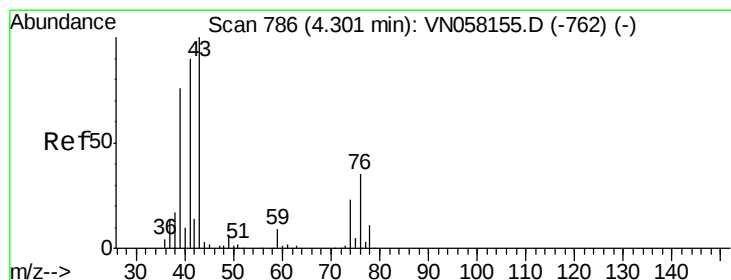
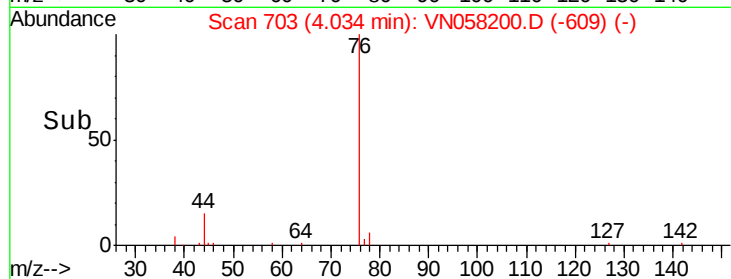
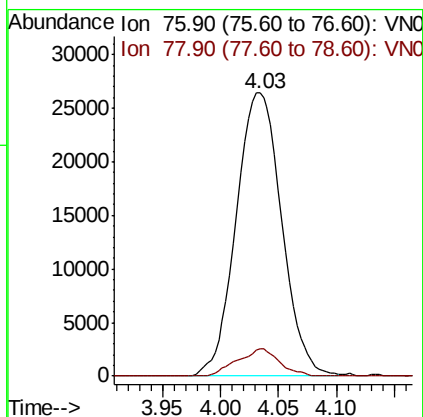
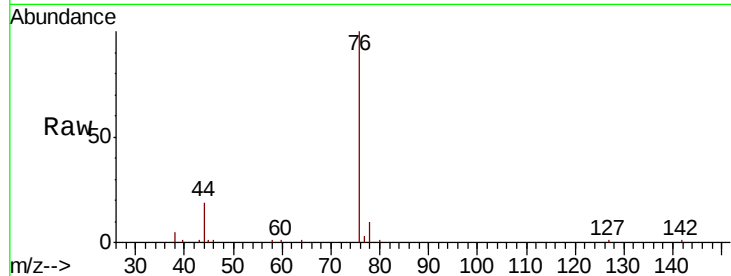




#17
Carbon Disulfide
Concen: 17.970 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

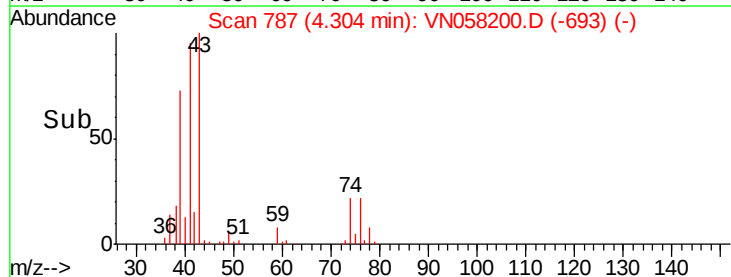
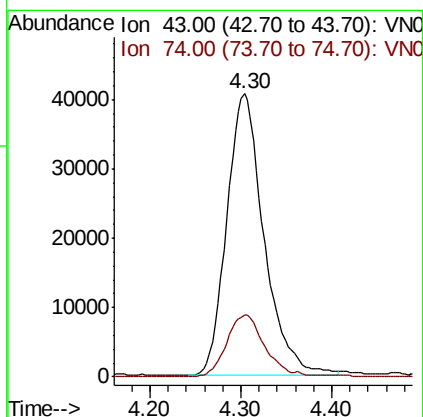
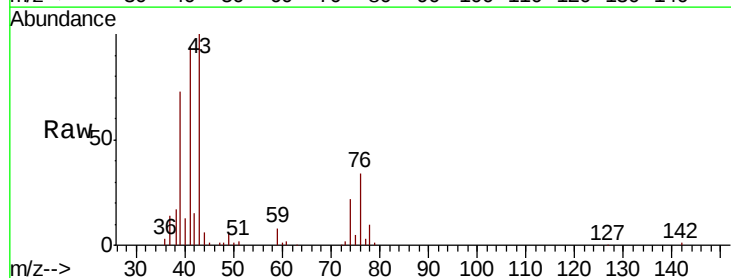
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 72111
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5



#18
Methyl Acetate
Concen: 19.716 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 43 Resp: 115089
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0

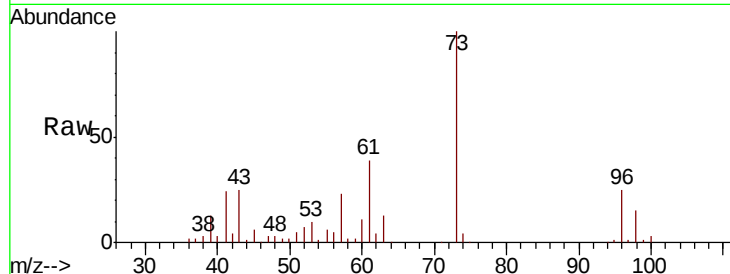




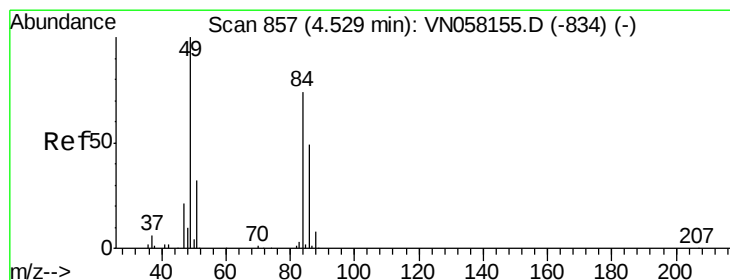
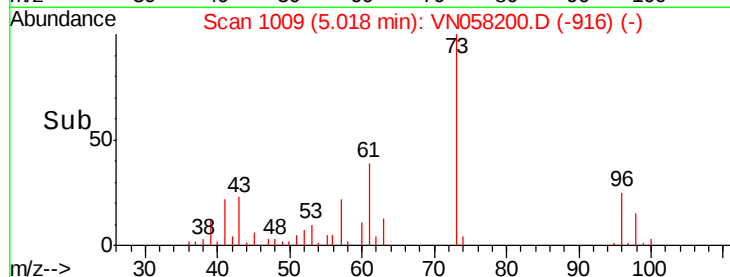
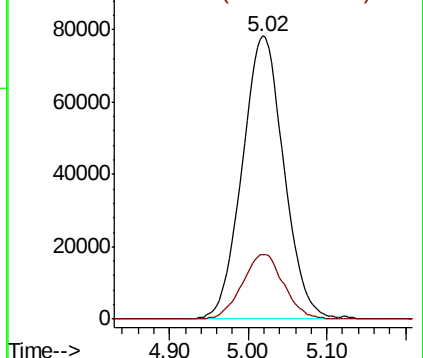
#19
Methvl tert-butvl Ether
Concen: 20.396 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 291828
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1

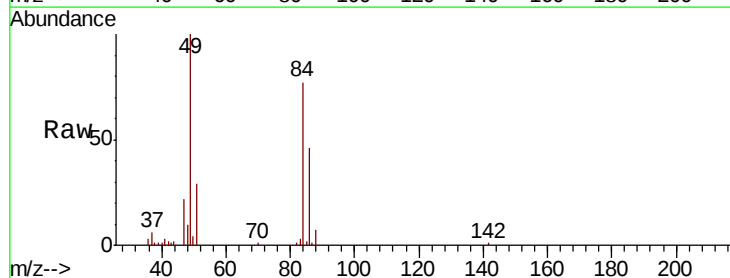


Abundance Ion 73.00 (72.70 to 73.70): VNO
Ion 57.00 (56.70 to 57.70): VNO

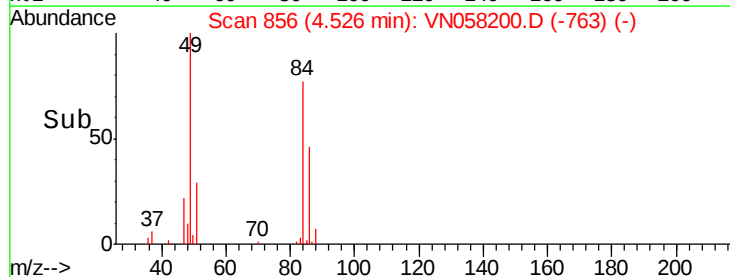
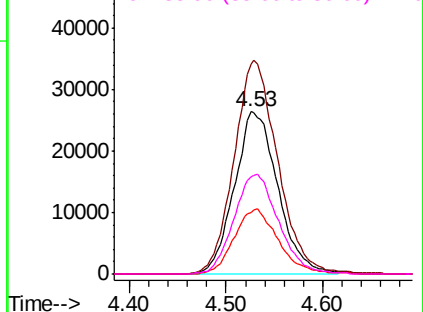


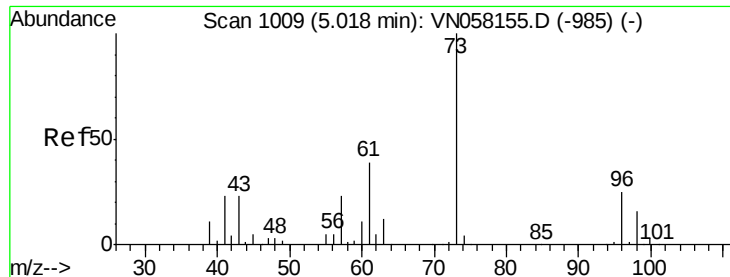
#20
Methylene Chloride
Concen: 21.065 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 84 Resp: 82317
Ion Ratio Lower Upper
84 100
49 129.7 107.5 161.3
51 37.8 33.9 50.9
86 59.6 52.4 78.6



Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



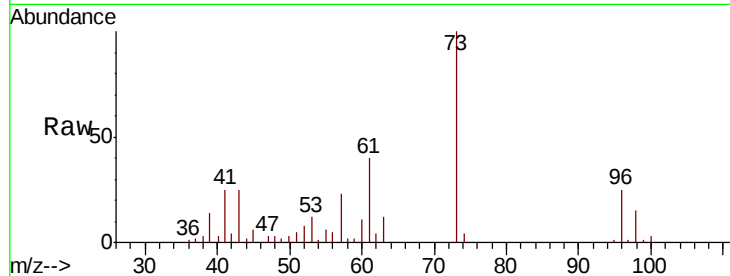


#21

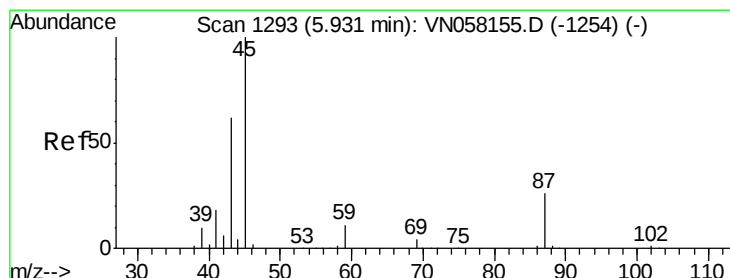
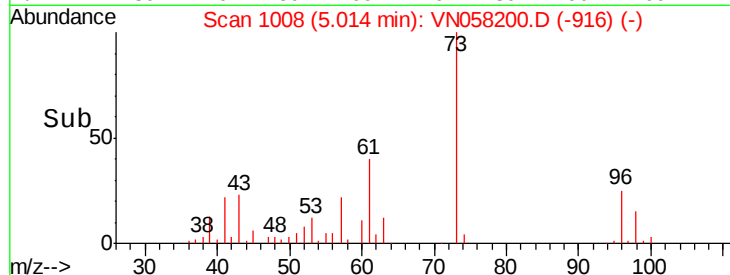
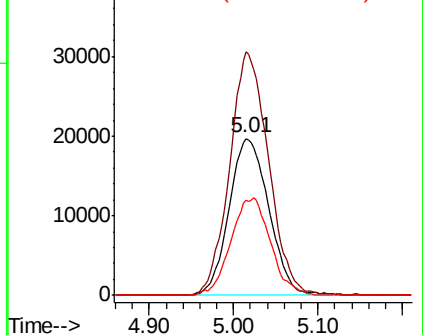
trans-1,2-Dichloroethene
Concen: 20.341 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 64561
Ion Ratio Lower Upper
96 100
61 155.2 122.2 183.4
98 60.5 49.9 74.9



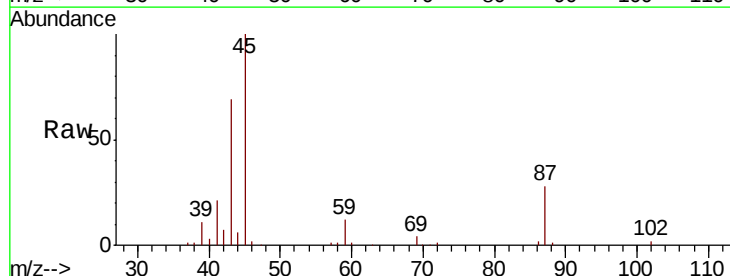
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



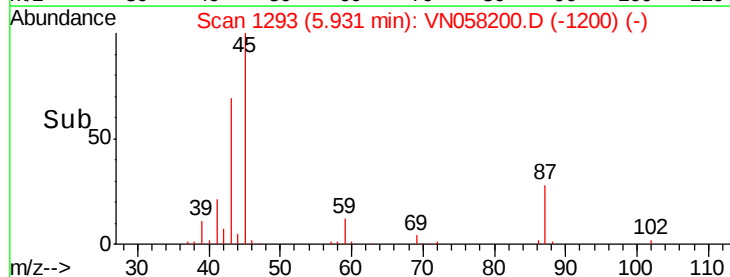
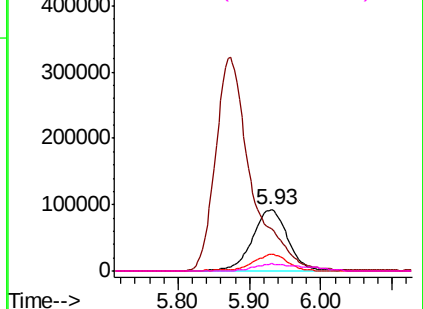
#22

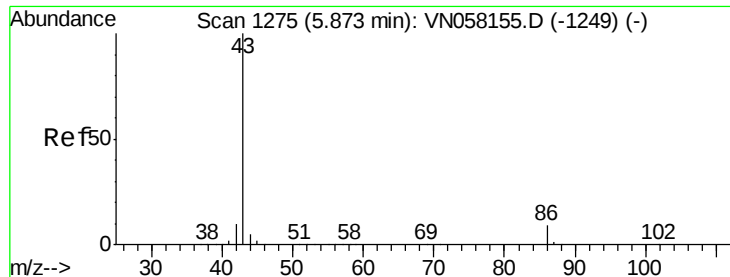
Diisopropyl ether
Concen: 20.271 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 45 Resp: 319631
Ion Ratio Lower Upper
45 100
43 67.4 49.7 74.5
87 27.7 20.7 31.1
59 11.3 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

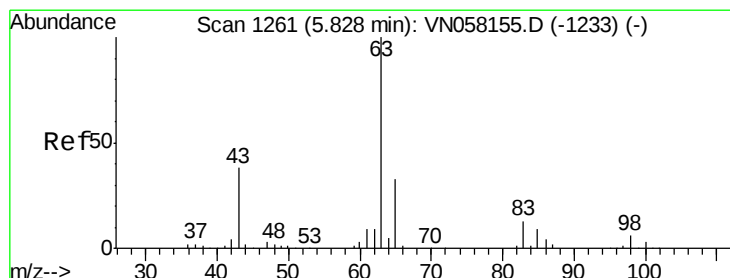
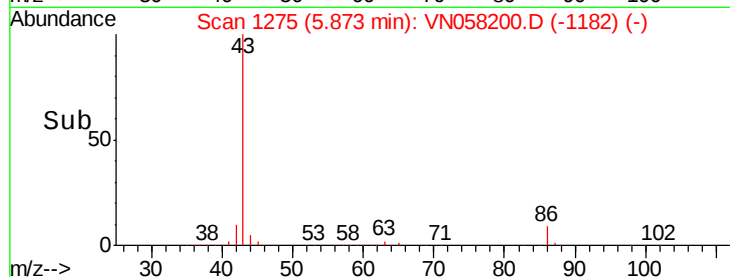
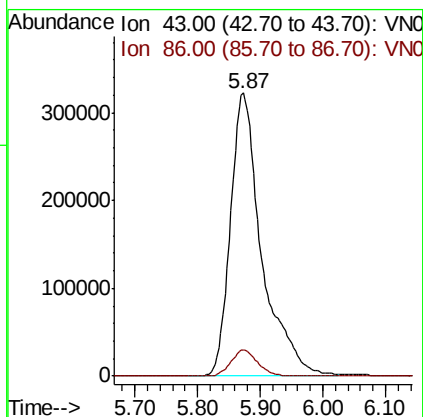
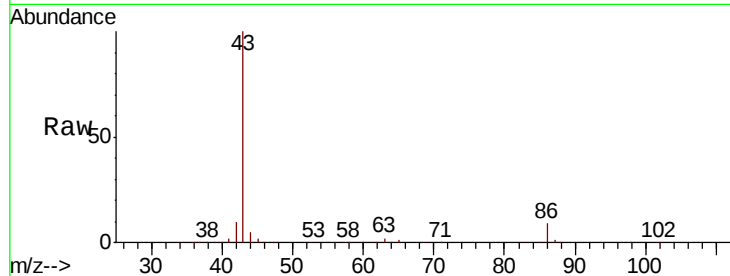




#23
 Vinyl Acetate
 Concen: 103.904 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

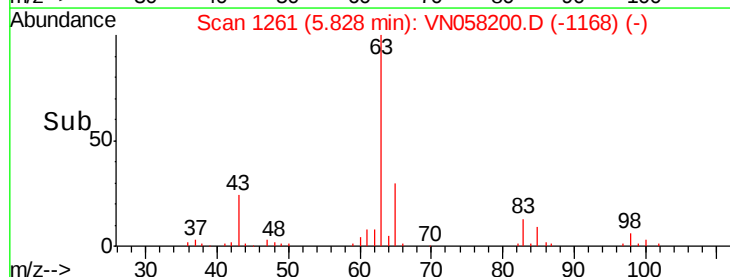
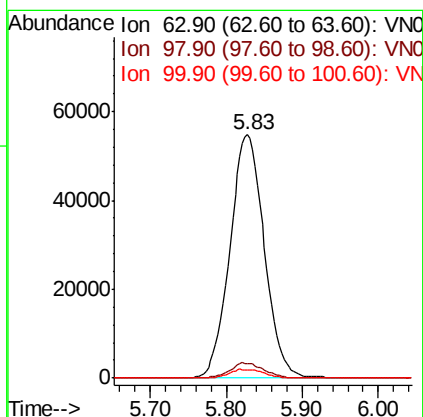
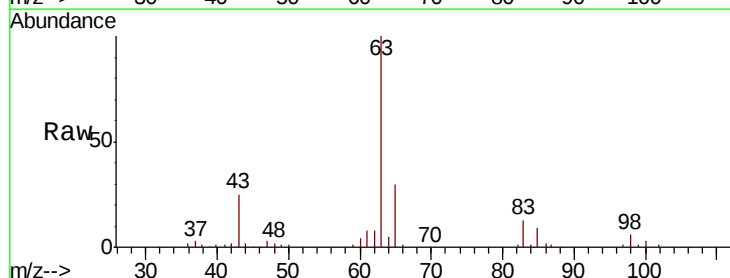
Instrument :
 MSVOA_N
 ClientSampled :

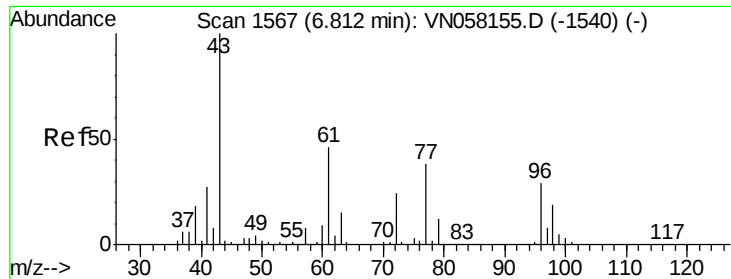
Tot Ion: 43 Resp: 1121054
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 20.433 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 63 Resp: 171961
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.6
 100 3.3 1.8 5.3





#25

2-Butanone

Concen: 99.126 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

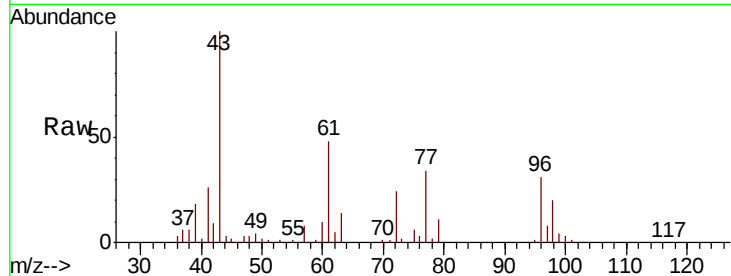
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 299593

Ion Ratio Lower Upper

43 100

72 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN058155.D (-1540) (-)

6.81

120000

100000

80000

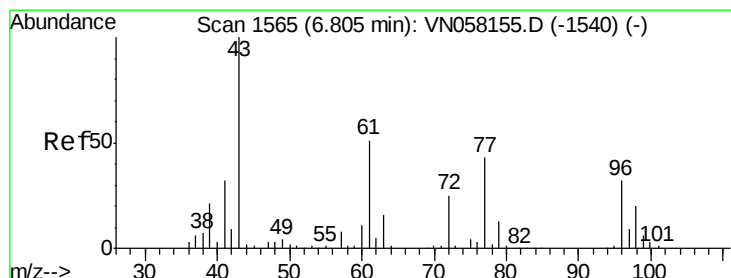
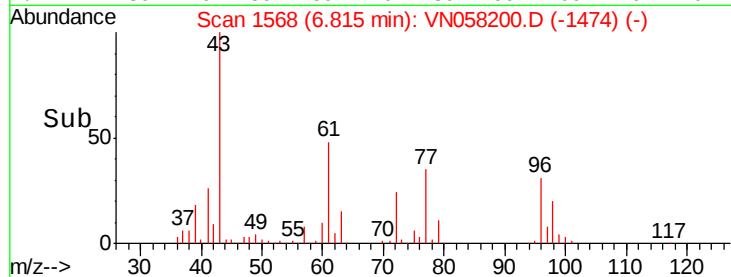
60000

40000

20000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 17.985 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058200.D

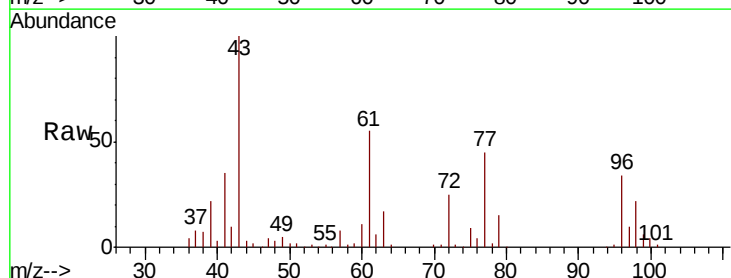
Acq: 19 Sep 2019 13:06

Tgt Ion: 77 Resp: 128408

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN058155.D (-1540) (-)

Ion 96.90 (96.60 to 97.60): VN058155.D (-1540) (-)

6.81

40000

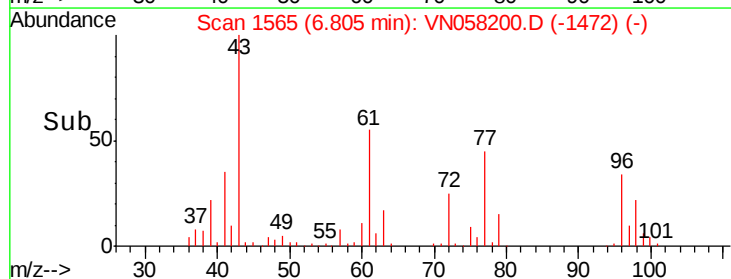
30000

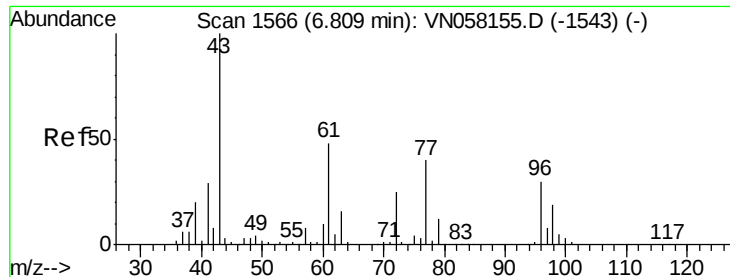
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 19.894 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :

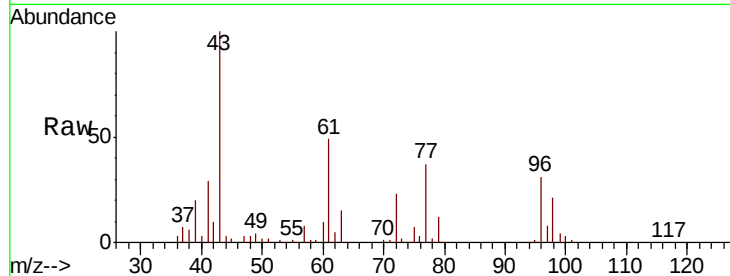
Tot Ion: 96 Resp: 94663

Ion Ratio Lower Upper

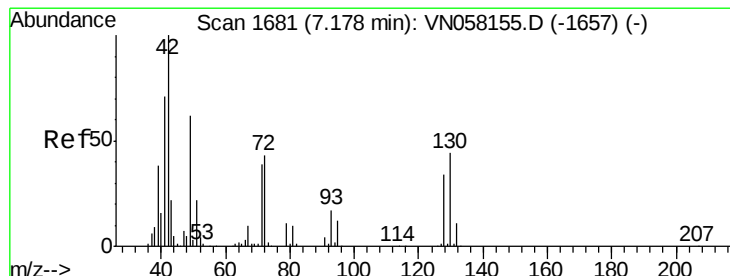
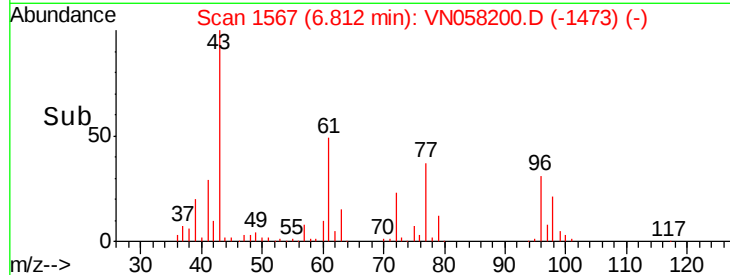
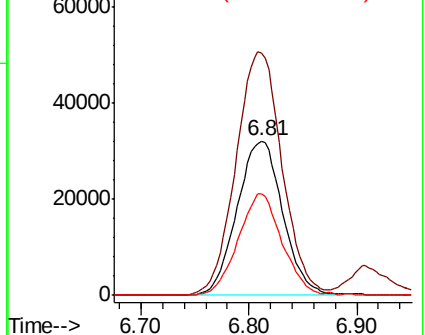
96 100

61 159.1 0.0 319.0

98 63.4 0.0 126.6



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



#28

Bromochloromethane

Concen: 21.689 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

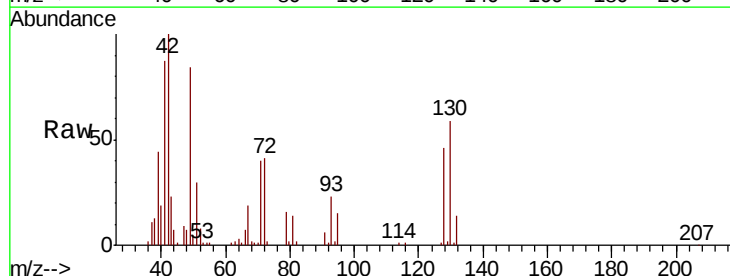
Tgt Ion: 49 Resp: 86345

Ion Ratio Lower Upper

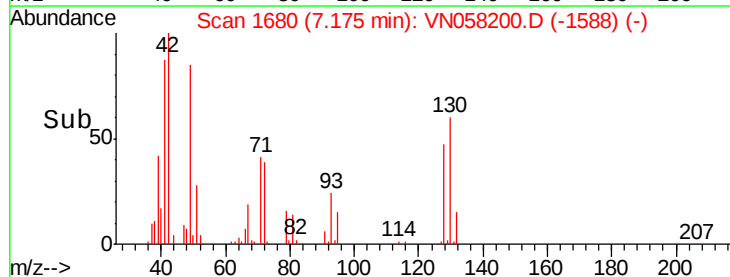
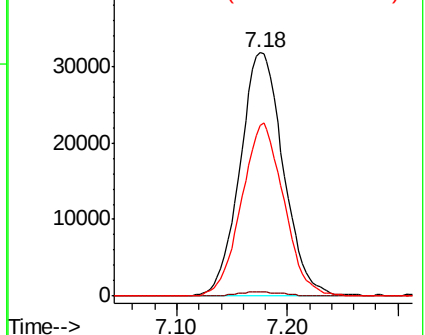
49 100

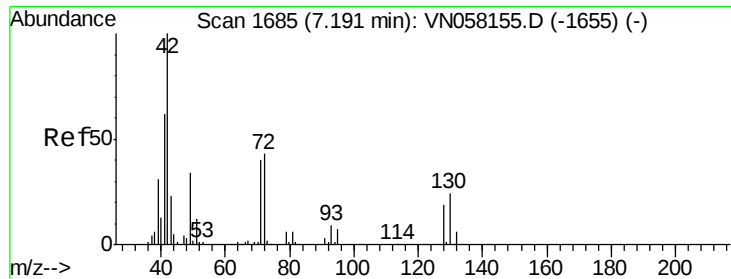
129 1.7 0.0 1.8

130 69.6 55.4 83.2



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

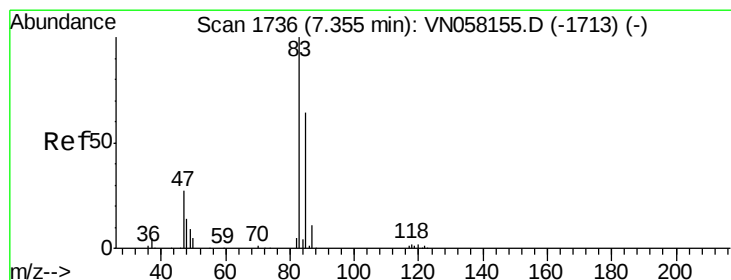
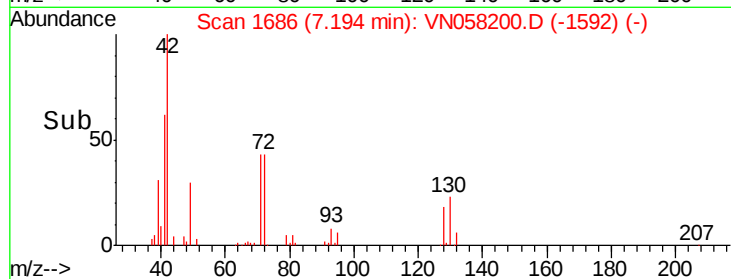
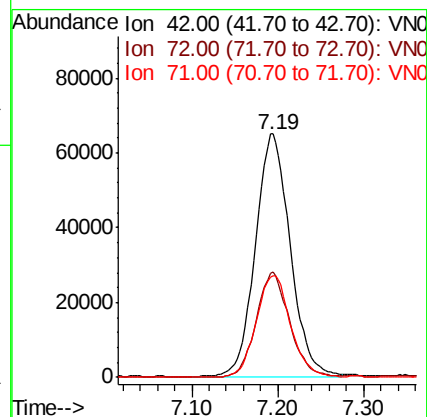
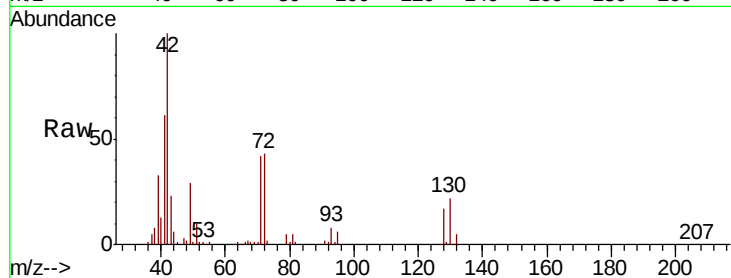




#29
Tetrahydrofuran
Concen: 99.291 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

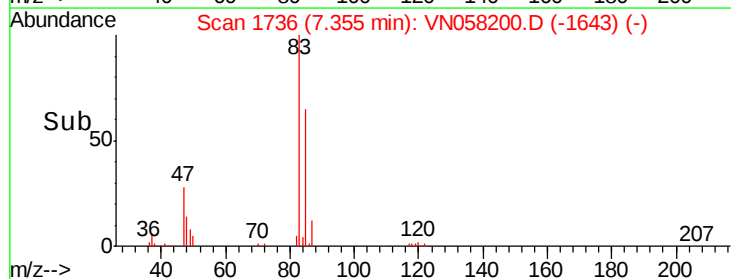
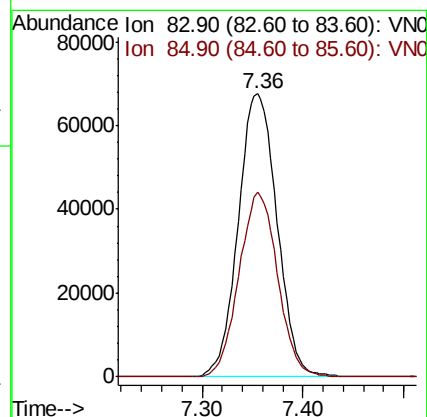
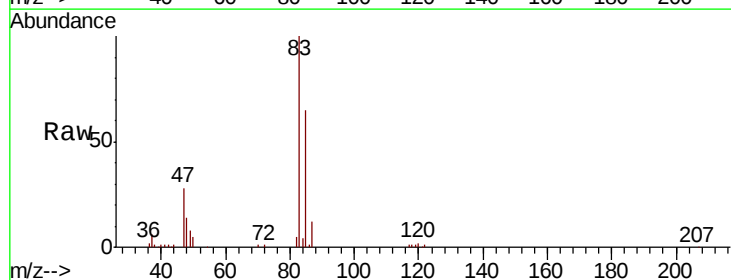
Instrument :
MSVOA_N
ClientSampleId :

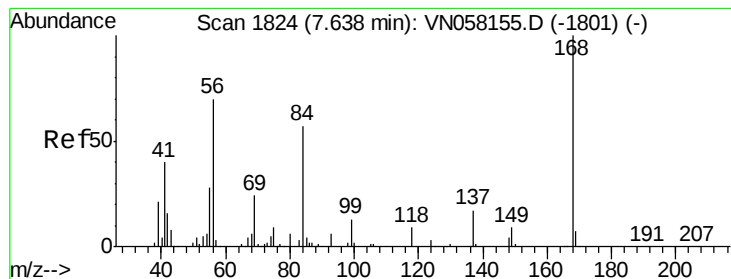
Tot Ion: 42 Resp: 184849
Ion Ratio Lower Upper
42 100
72 41.4 33.8 50.6
71 41.0 31.4 47.0



#30
Chloroform
Concen: 19.888 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 83 Resp: 180156
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2





#31

Cyclohexane

Concen: 19.332 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :

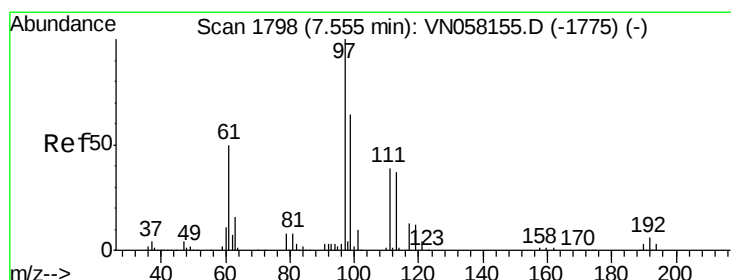
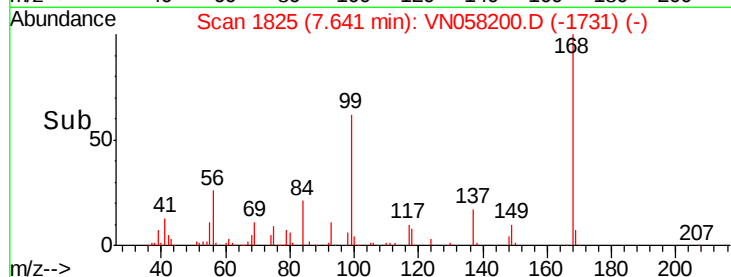
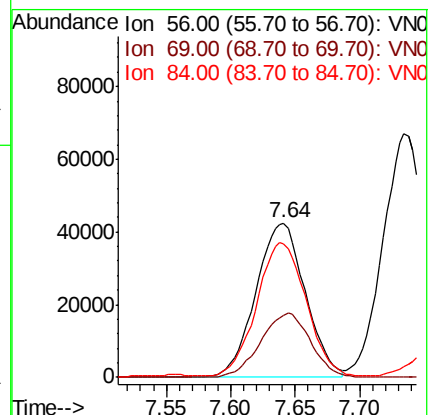
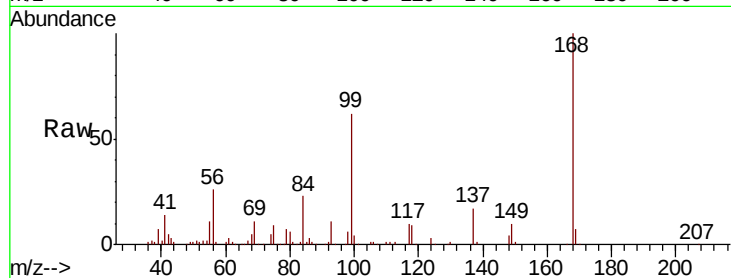
Tot Ion: 56 Resp: 113220

Ion Ratio Lower Upper

56 100

69 40.2 27.3 40.9

84 85.6 65.0 97.4



#32

1,1,1-Trichloroethane

Concen: 19.975 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

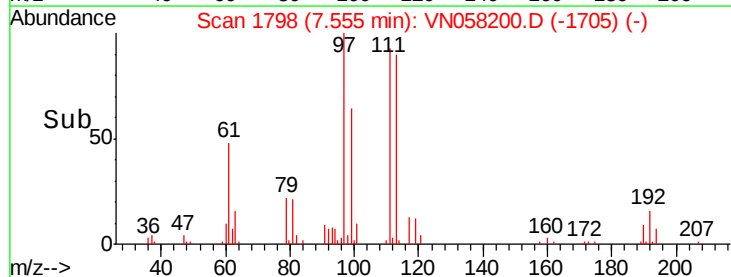
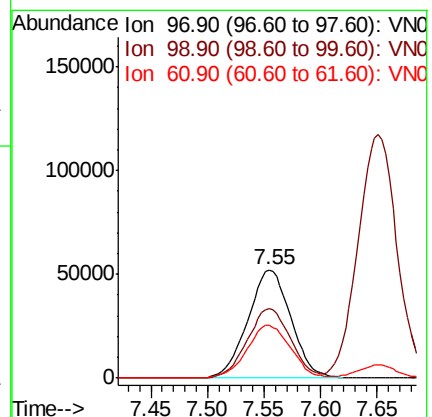
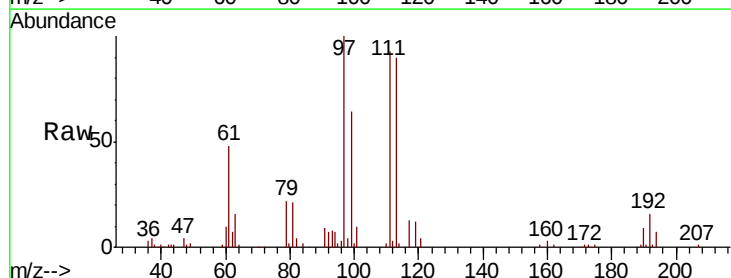
Tgt Ion: 97 Resp: 137749

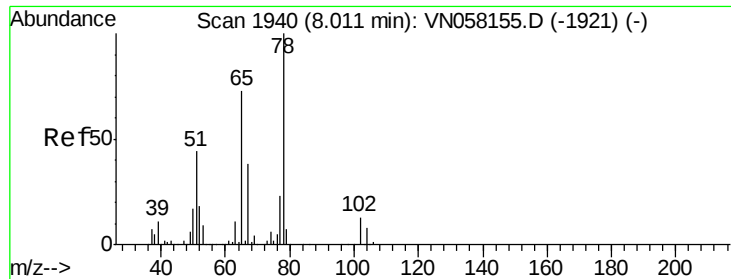
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 49.7 39.2 58.8

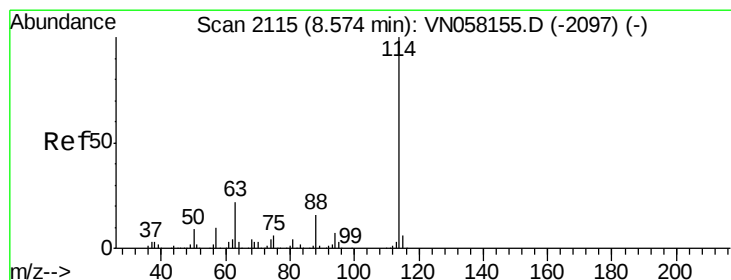
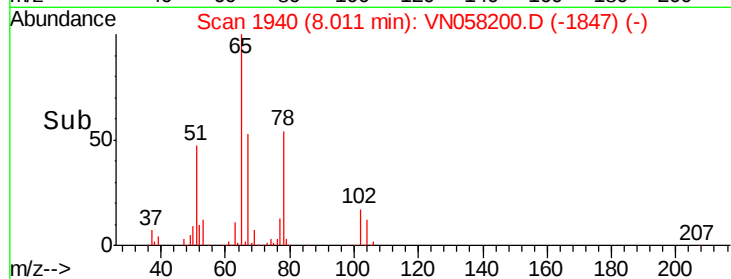
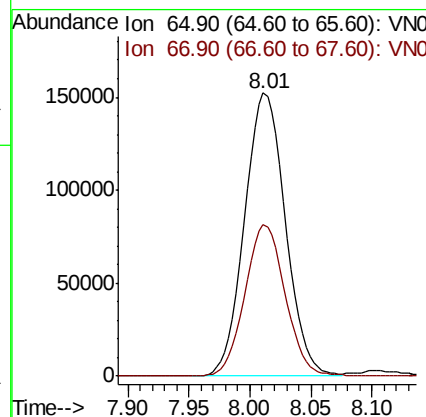
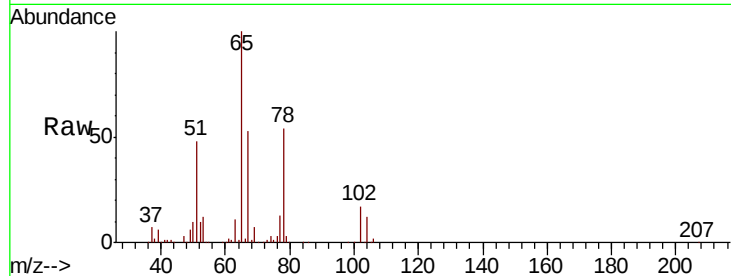




#33
 1,2-Dichloroethane-d4
 Concen: 53.979 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

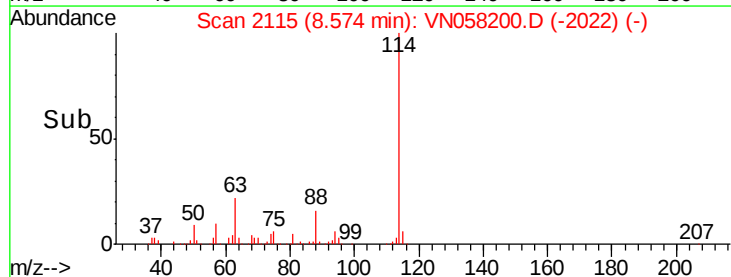
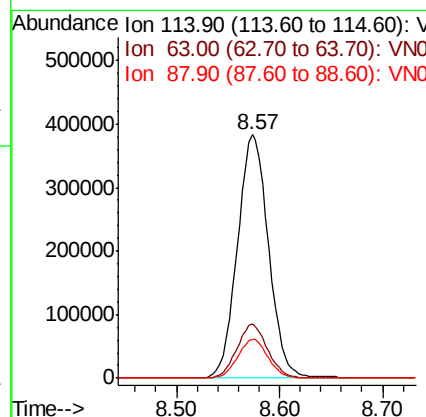
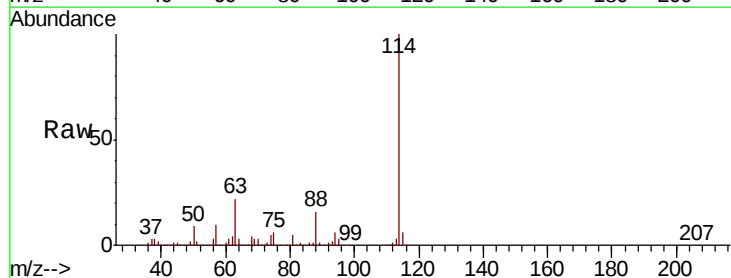
Instrument :
 MSVOA_N
 ClientSampleId :

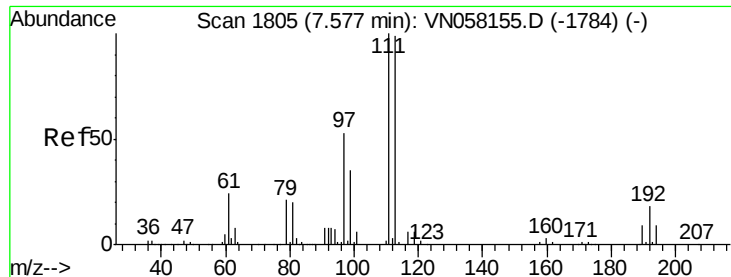
Tot Ion: 65 Resp: 352785
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 114 Resp: 804415
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.2
 88 15.9 0.0 31.6

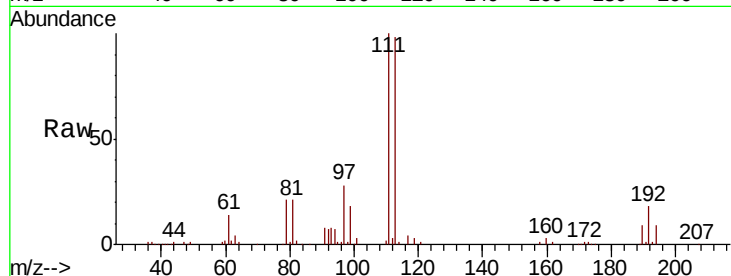




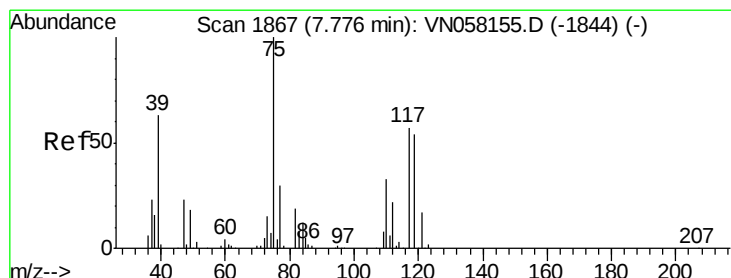
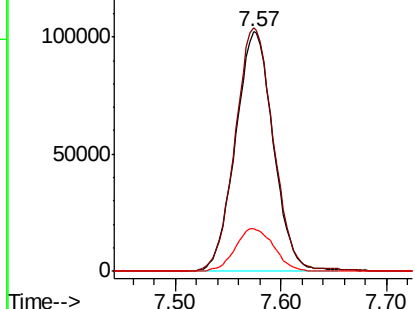
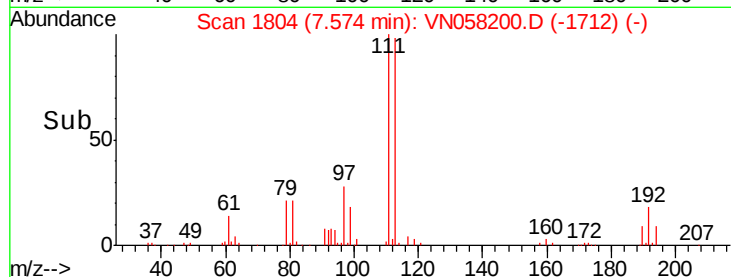
#35
 Dibromofluoromethane
 Concen: 52.106 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	18.3	14.5	21.7

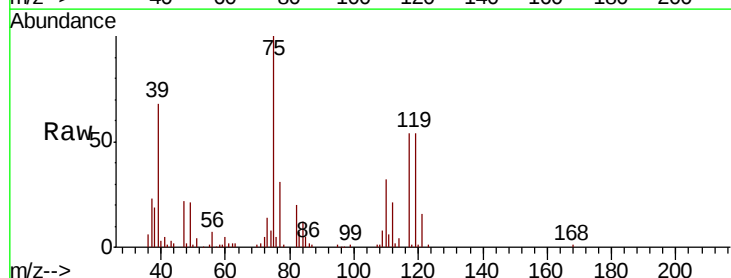


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

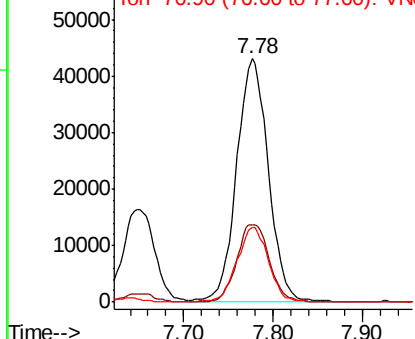
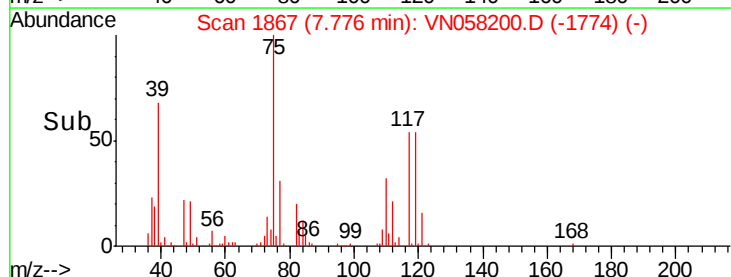


#36
 1,1-Dichloropropene
 Concen: 18.416 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.6	49.7
77	30.3	24.3	36.5



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

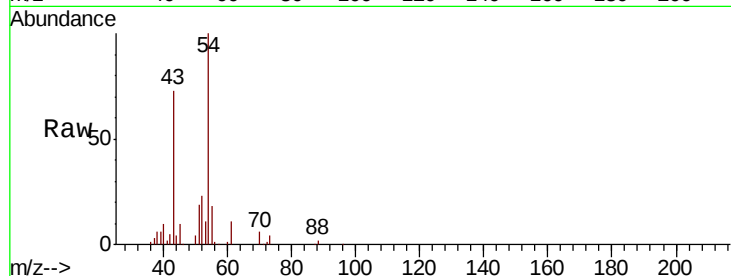




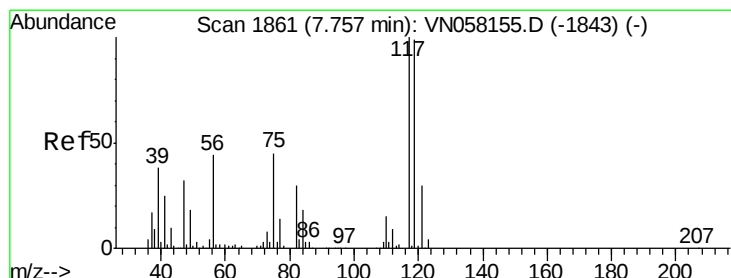
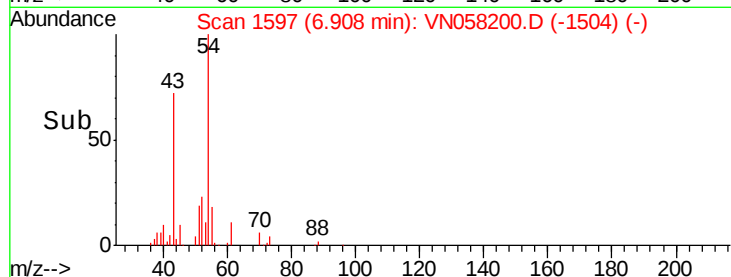
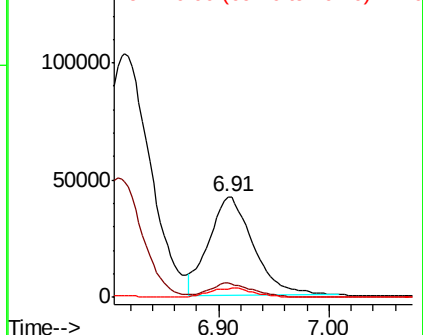
#37
Ethyl Acetate
Concen: 19.597 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 117975
Ion Ratio Lower Upper
43 100
61 12.8 10.7 16.1
70 9.4 7.6 11.4

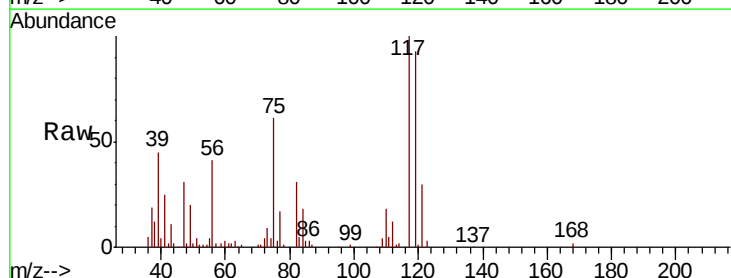


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

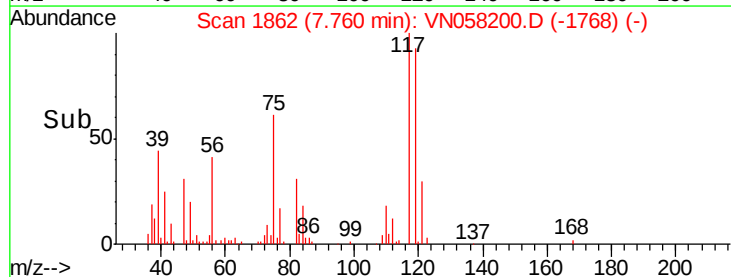
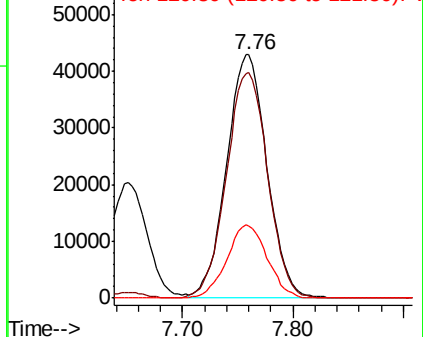


#38
Carbon Tetrachloride
Concen: 18.711 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 117 Resp: 109109
Ion Ratio Lower Upper
117 100
119 92.8 78.6 117.8
121 29.8 24.1 36.1



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

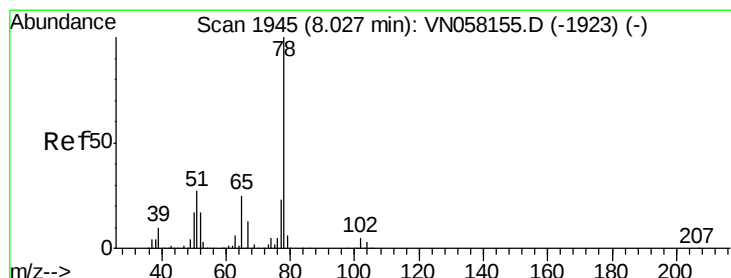
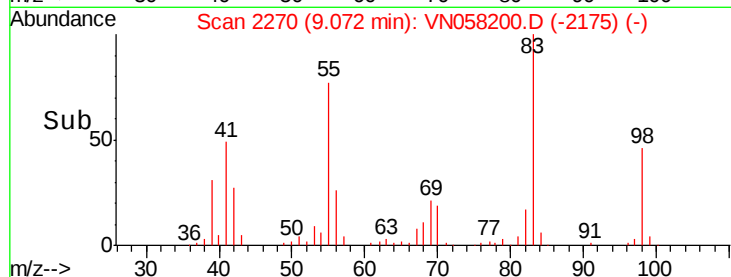
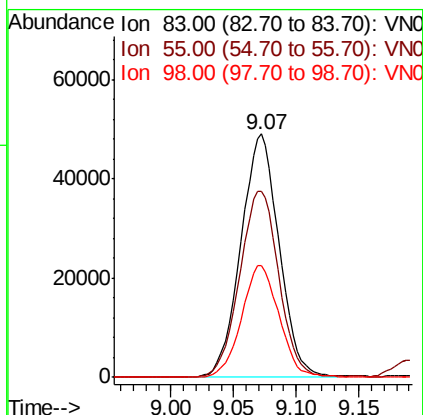
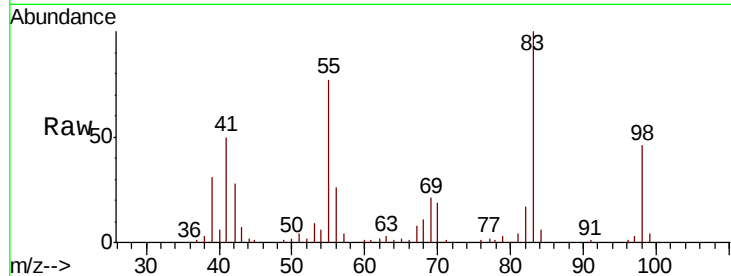




#39
Methvlcvclohexane
Concen: 18.611 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

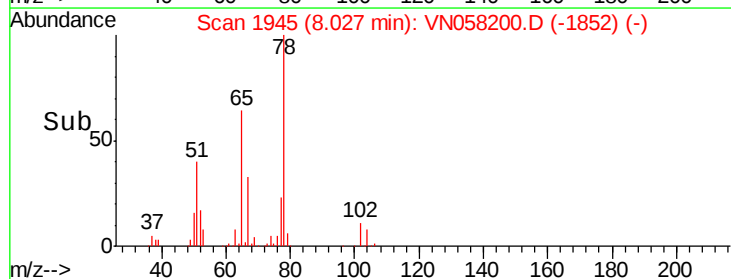
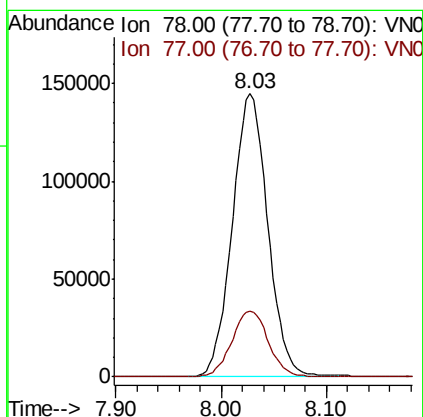
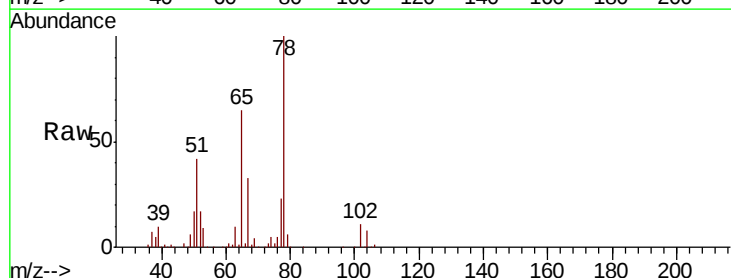
Instrument :
MSVOA_N
ClientSampleId :

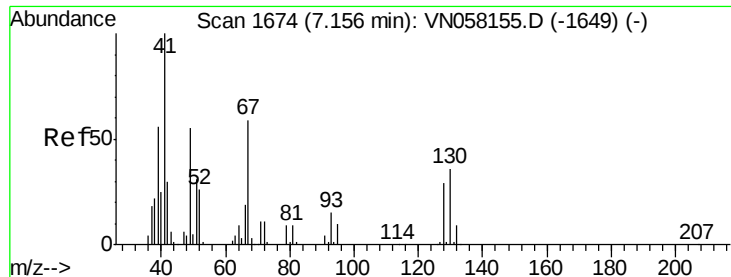
Tot Ion	83	Resp	104137
Ion Ratio	Lower	Upper	
83	100		
55	76.5	61.9	92.9
98	46.2	35.4	53.2



#40
Benzene
Concen: 19.080 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	78	Resp	338059
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.8	28.2





#41

Methacrylonitrile

Concen: 19.413 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 57155

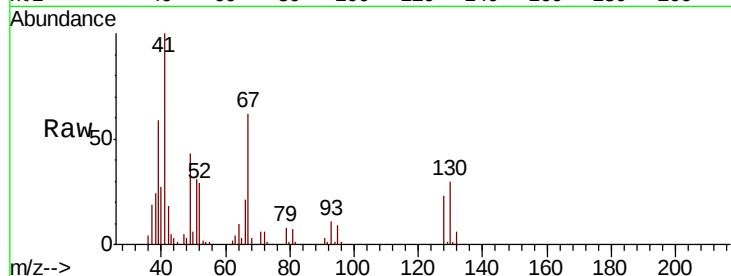
Ion Ratio Lower Upper

41 100

39 57.6 0.0 0.0#

67 85.2 0.0 0.0#

52 40.0 0.0 0.0#

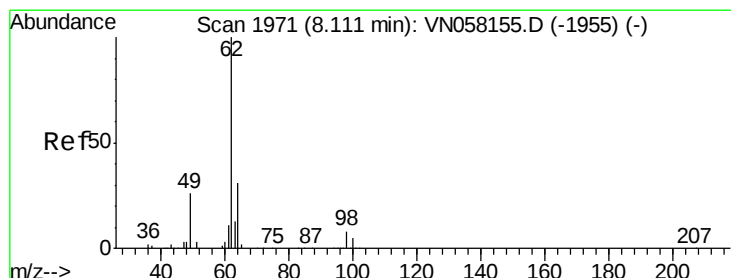
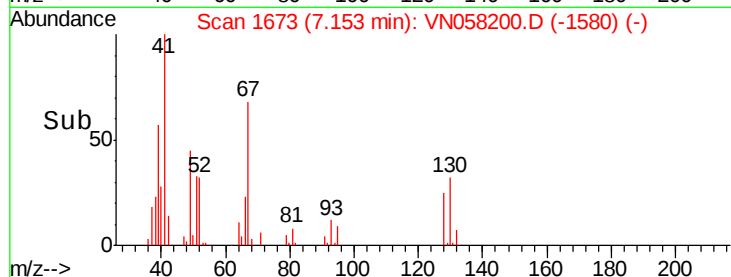
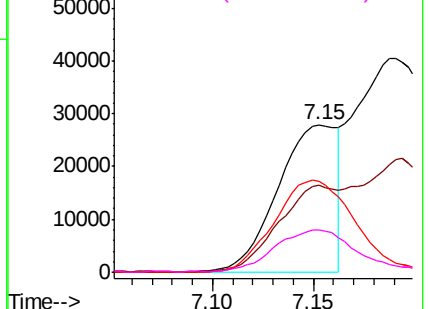


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.493 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VN058200.D

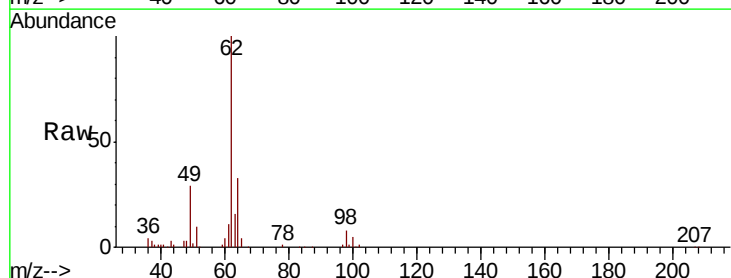
Acq: 19 Sep 2019 13:06

Tgt Ion: 62 Resp: 144924

Ion Ratio Lower Upper

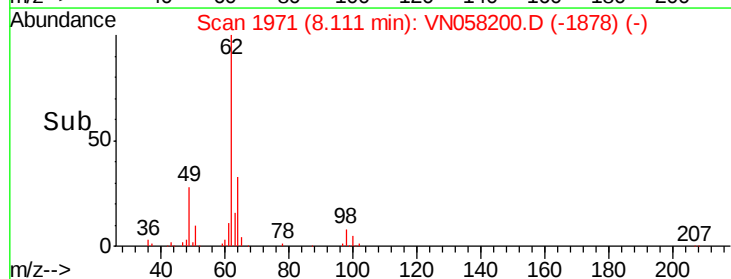
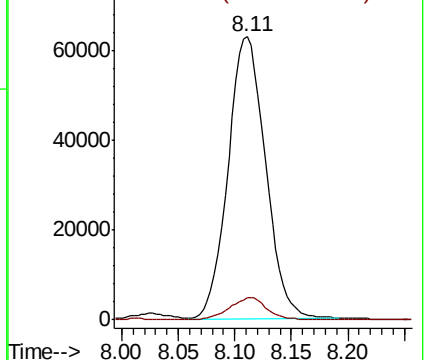
62 100

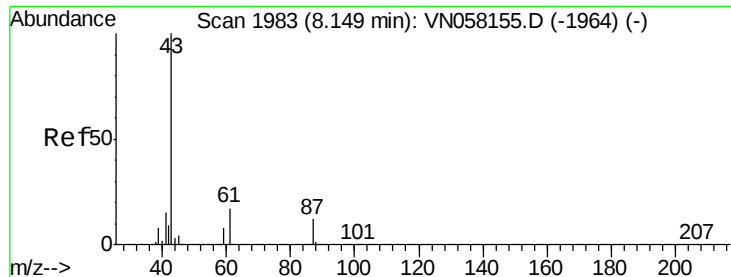
98 7.8 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



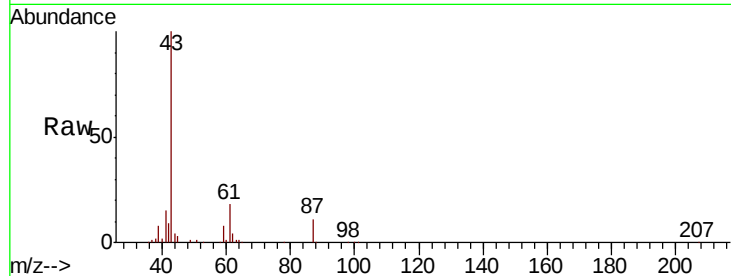


#43

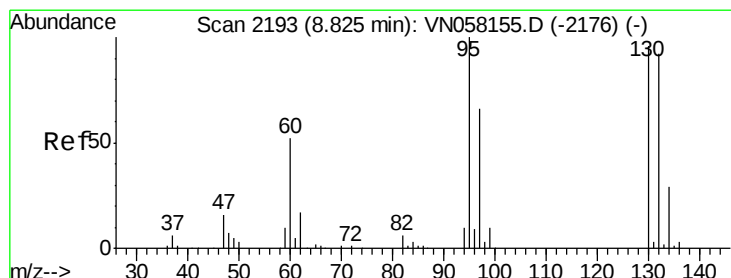
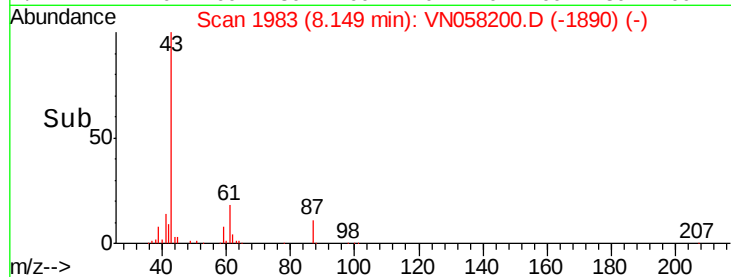
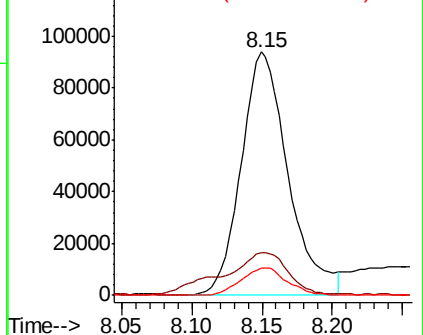
Isopropyl Acetate
 Concen: 19.312 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 217136
 Ion Ratio Lower Upper
 43 100
 61 24.2 19.7 29.5
 87 11.2 9.4 14.2



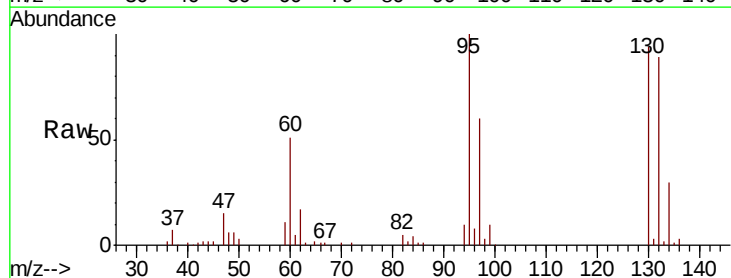
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



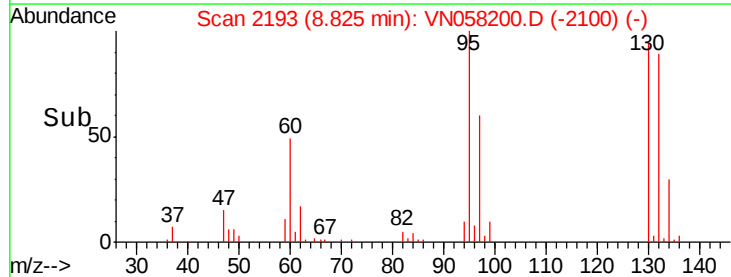
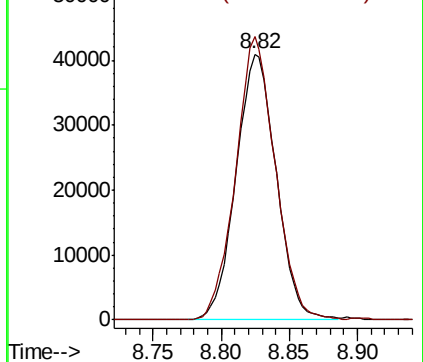
#44

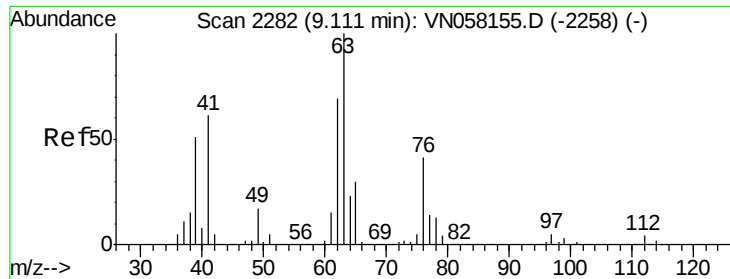
Trichloroethene
 Concen: 19.290 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 130 Resp: 83640
 Ion Ratio Lower Upper
 130 100
 95 106.5 0.0 207.8



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

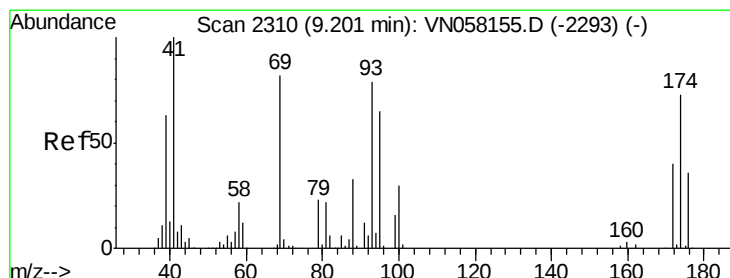
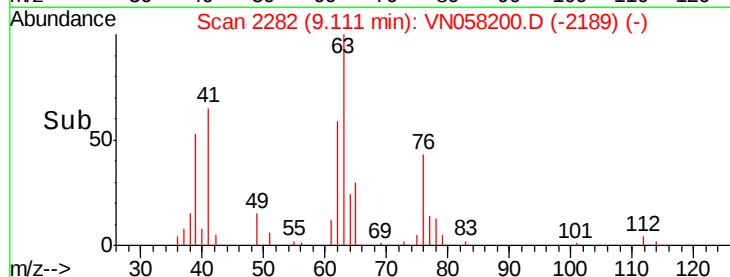
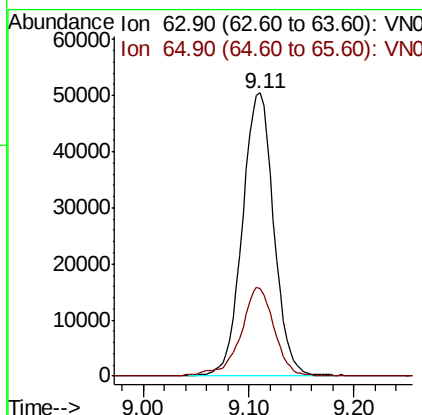
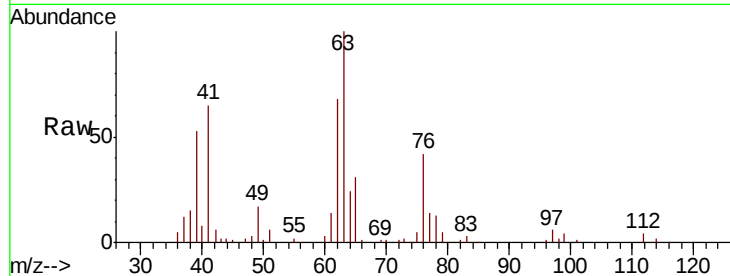




#45
 1,2-Dichloropropane
 Concen: 19.795 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

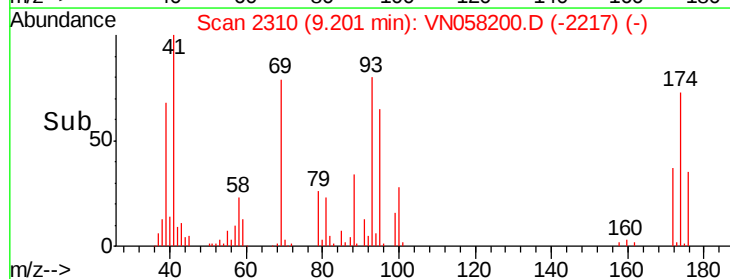
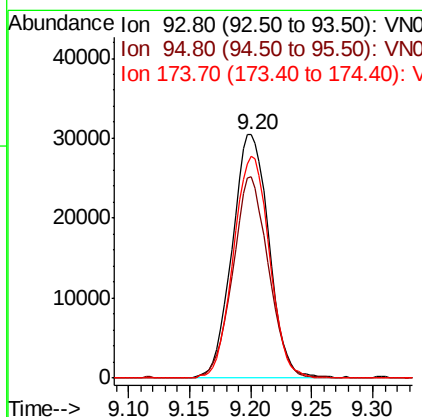
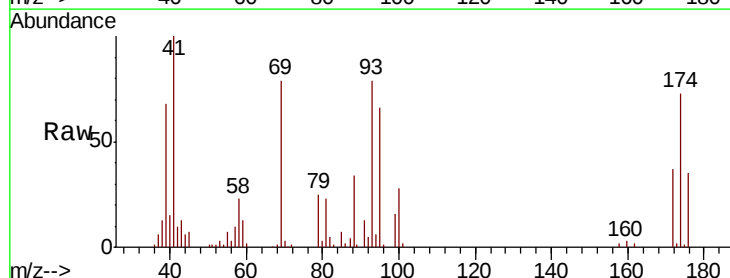
Instrument :
 MSVOA_N
 ClientSampled :

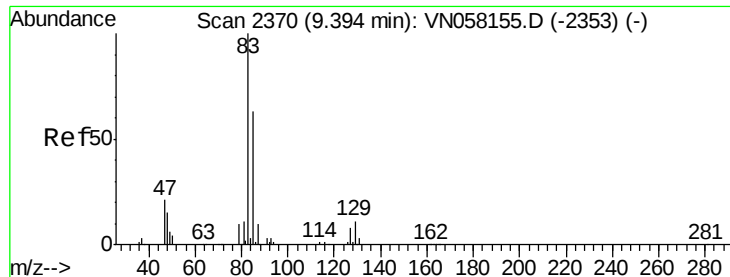
Tot Ion: 63 Resp: 104743
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.8 35.6



#46
 Dibromomethane
 Concen: 19.698 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 93 Resp: 63369
 Ion Ratio Lower Upper
 93 100
 95 80.7 66.8 100.2
 174 89.3 73.8 110.8





#47

Bromodichloromethane

Concen: 19.566 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

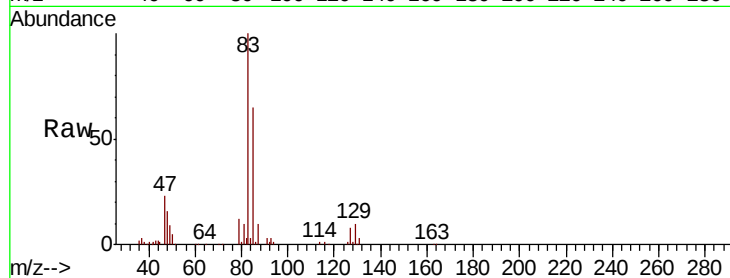
Tot Ion: 83 Resp: 131868

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

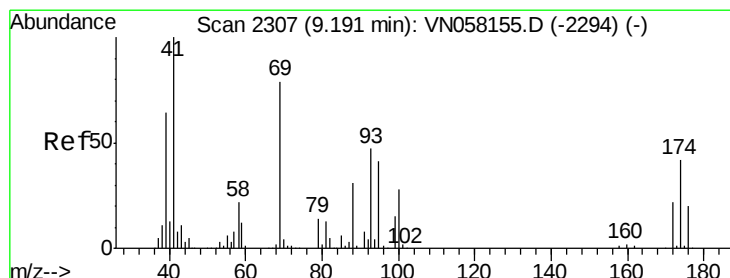
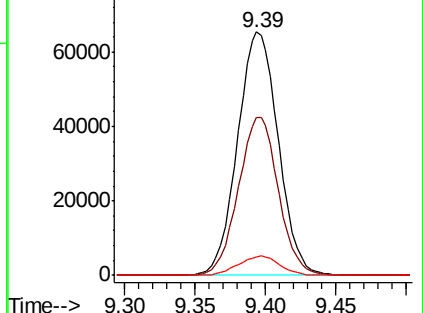
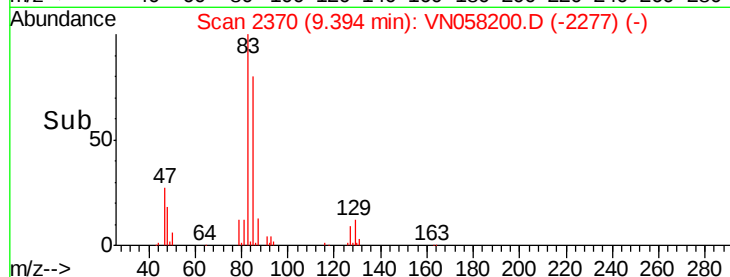
127 7.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN058200.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN058200.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN058200.D (-2277) (-)



#48

Methyl methacrylate

Concen: 19.606 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

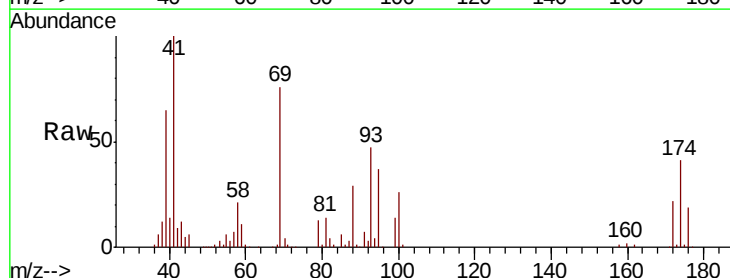
Tgt Ion: 41 Resp: 100086

Ion Ratio Lower Upper

41 100

69 78.5 62.5 93.7

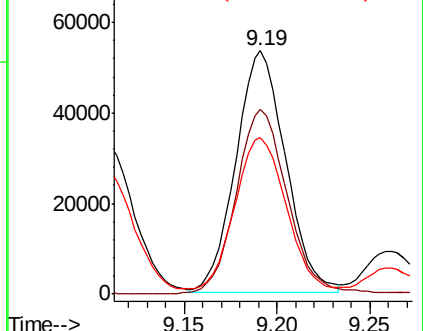
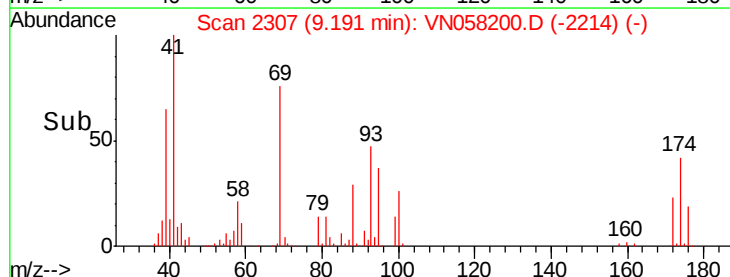
39 67.7 52.3 78.5

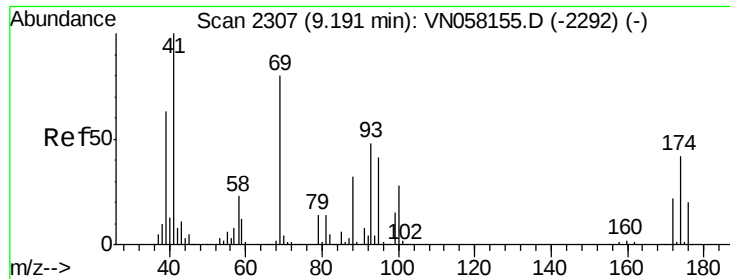


Abundance Ion 41.00 (40.70 to 41.70): VN058200.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN058200.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN058200.D (-2214) (-)

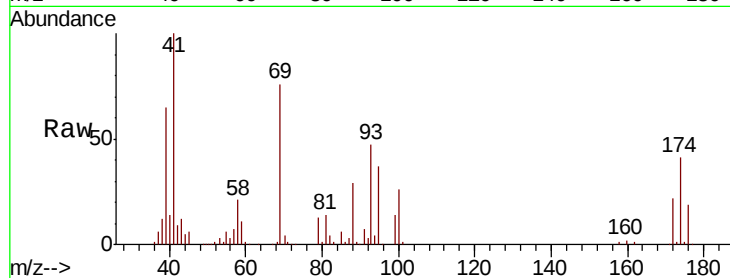




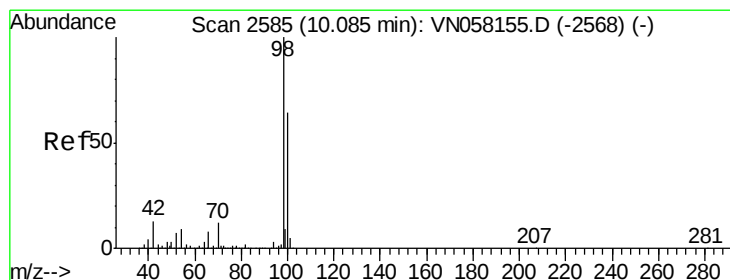
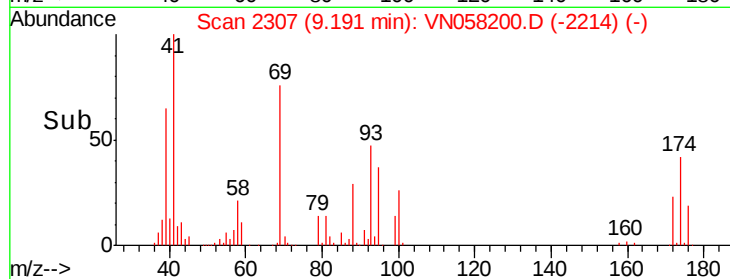
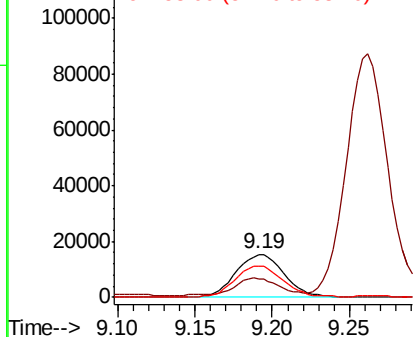
#49
1,4-Dioxane
Concen: 398.216 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 33376
Ion Ratio Lower Upper
88 100
43 33.8 27.8 41.8
58 73.1 55.0 82.4

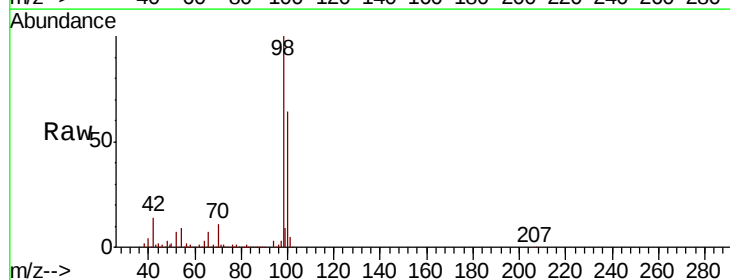


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

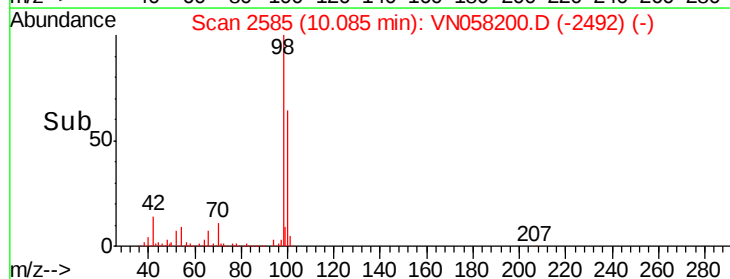
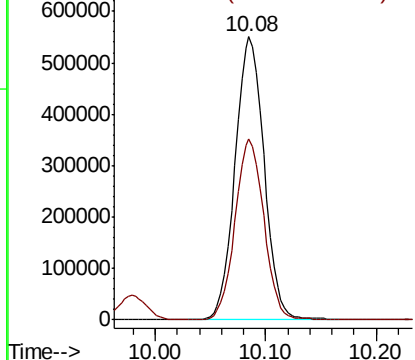


#50
Toluene-d8
Concen: 52.787 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 98 Resp: 1005754
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



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: 110.039 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

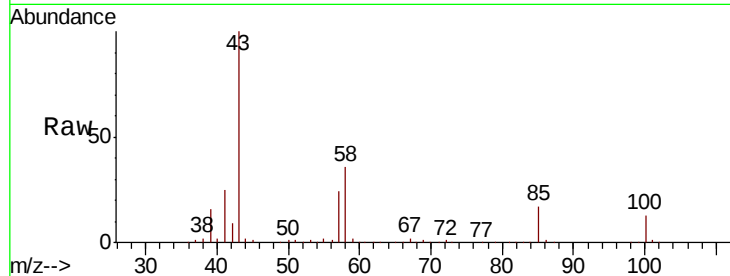
ClientSampled :

Tot Ion: 43 Resp: 657152

Ion Ratio Lower Upper

43 100

58 36.5 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058155.D (-2533) (-)

9.98

400000

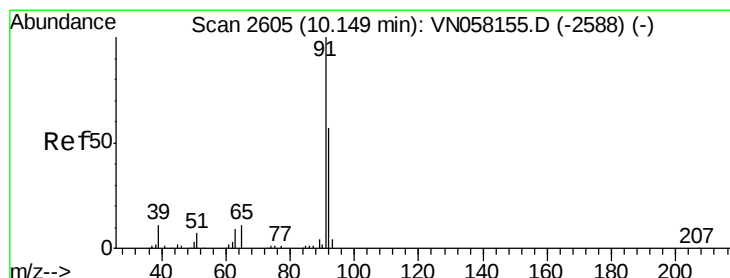
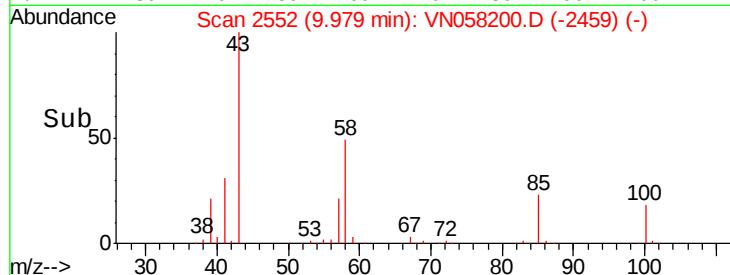
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.927 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058200.D

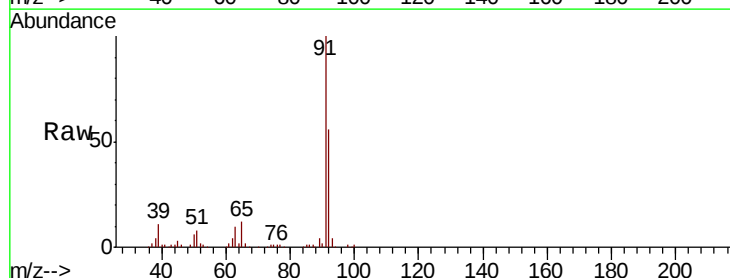
Acq: 19 Sep 2019 13:06

Tgt Ion: 92 Resp: 210169

Ion Ratio Lower Upper

92 100

91 177.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN058155.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN058155.D (-2588) (-)

10.15

200000

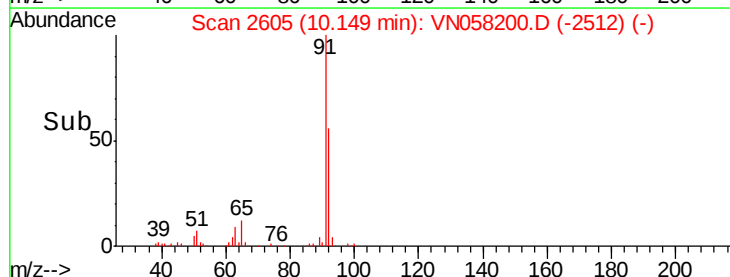
150000

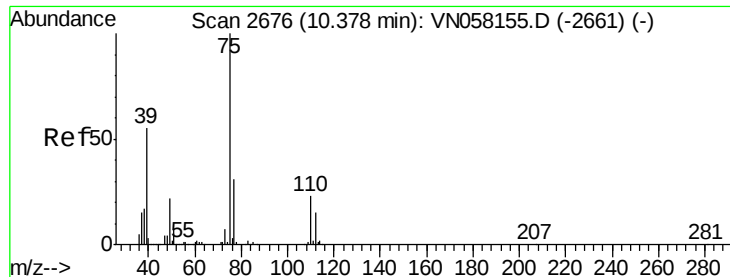
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.744 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

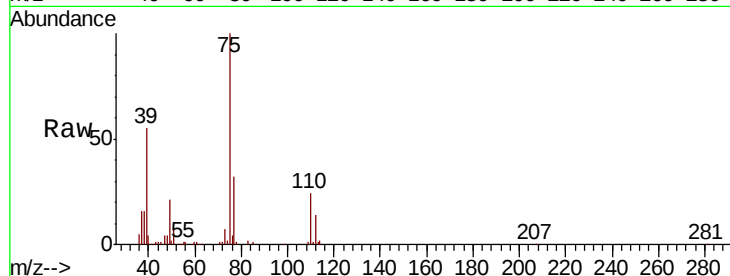
ClientSampleId :

Tot Ion: 75 Resp: 129402

Ion Ratio Lower Upper

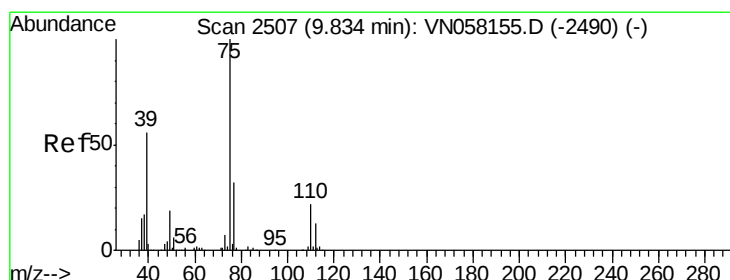
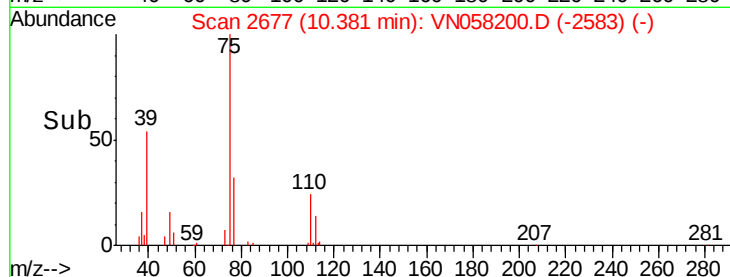
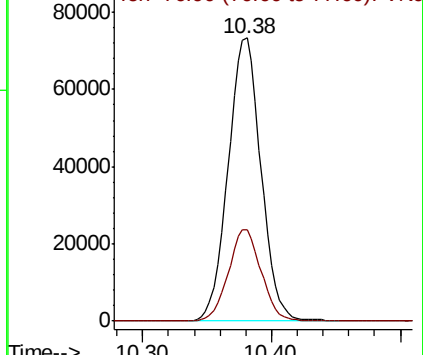
75 100

77 31.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.182 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

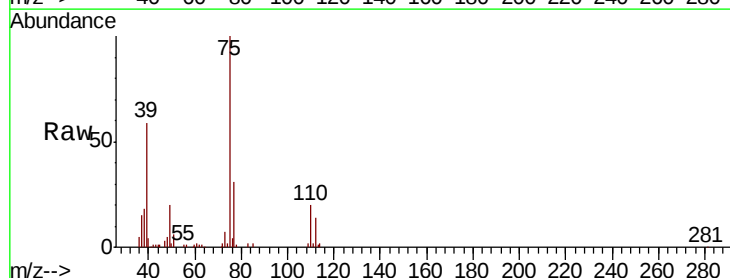
Tgt Ion: 75 Resp: 146210

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

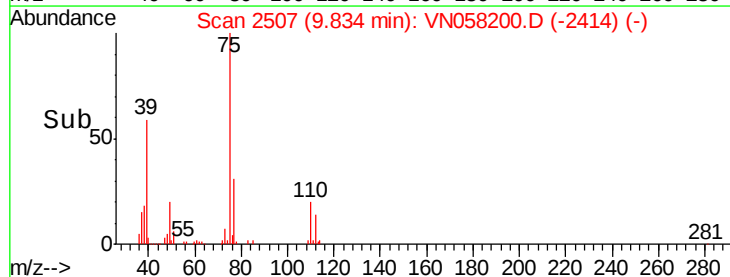
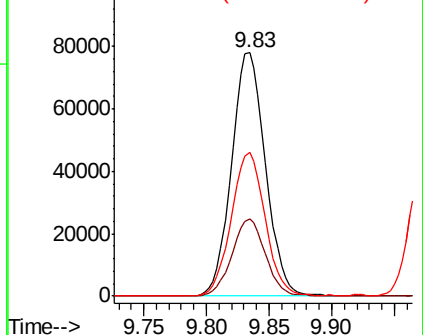
39 58.7 45.0 67.6

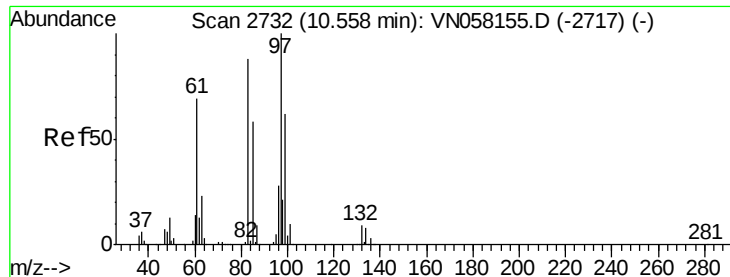


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.858 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 97854

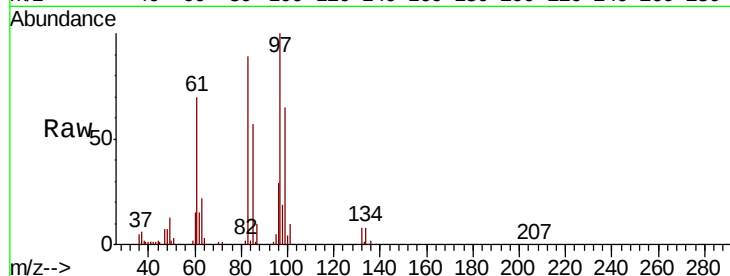
Ion Ratio Lower Upper

97 100

83 88.5 70.4 105.6

85 57.0 46.8 70.2

99 65.4 49.9 74.9



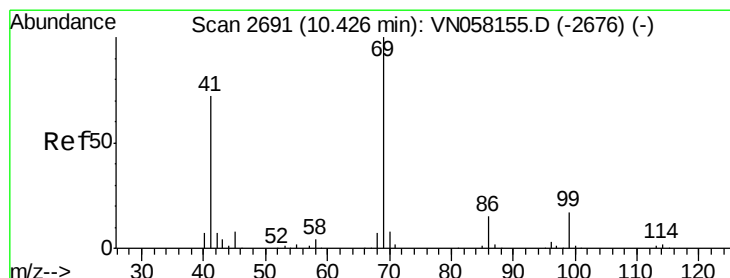
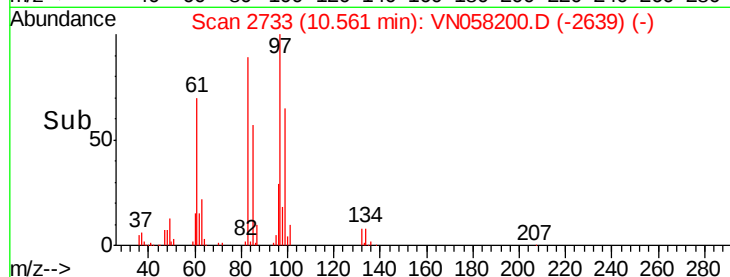
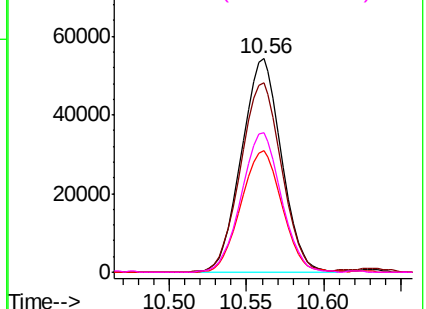
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.953 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

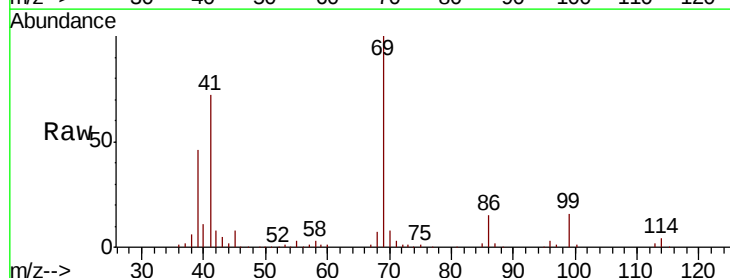
Tgt Ion: 69 Resp: 141867

Ion Ratio Lower Upper

69 100

41 71.0 57.5 86.3

39 46.7 36.1 54.1

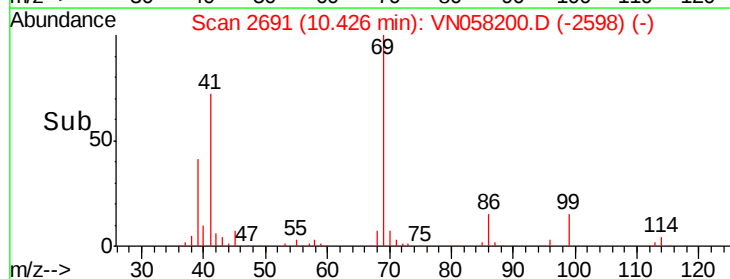
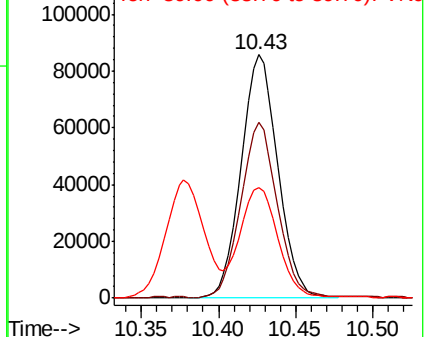


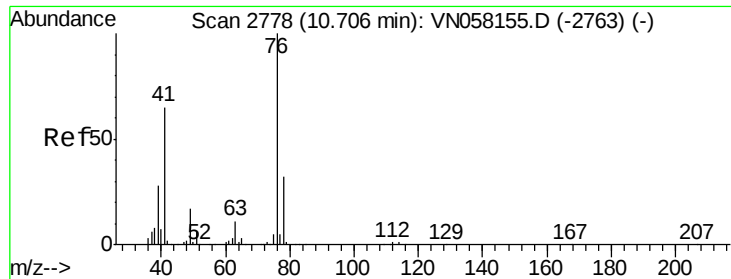
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

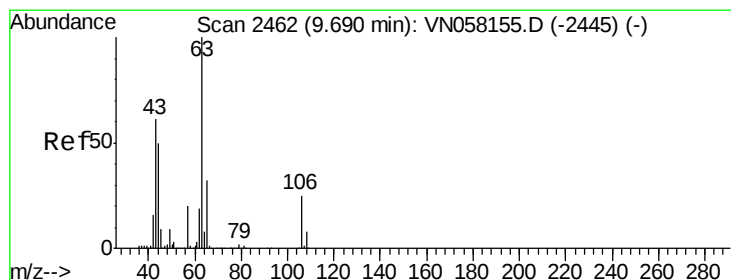
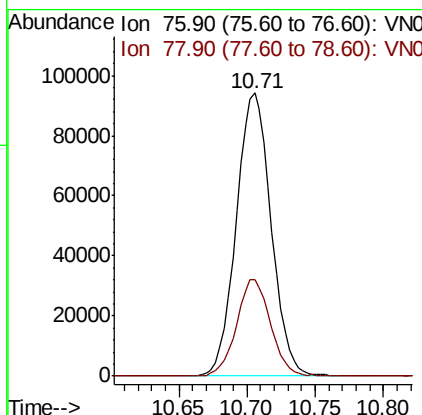
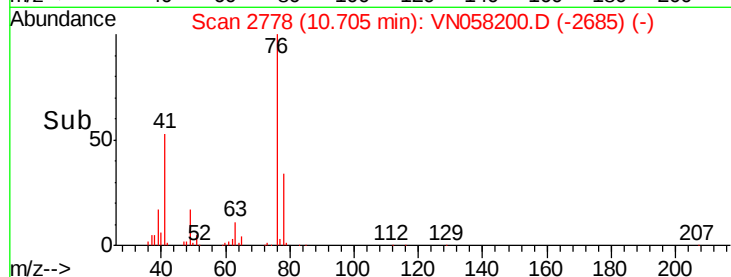
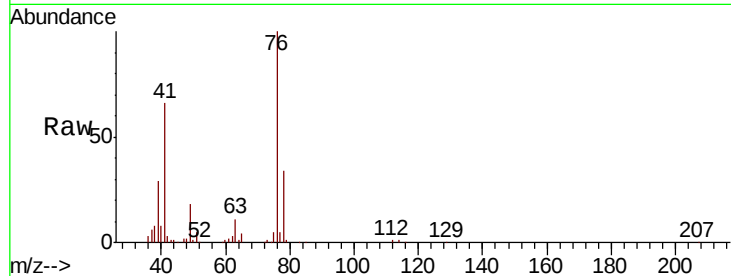




#57
 1,3-Dichloropropane
 Concen: 19.707 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

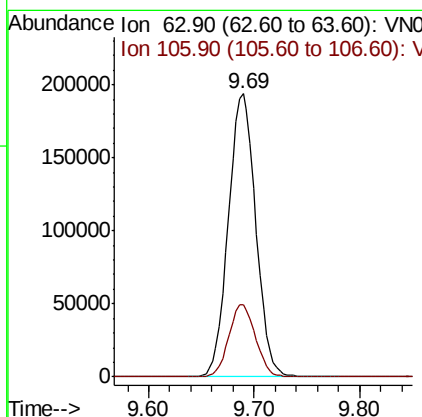
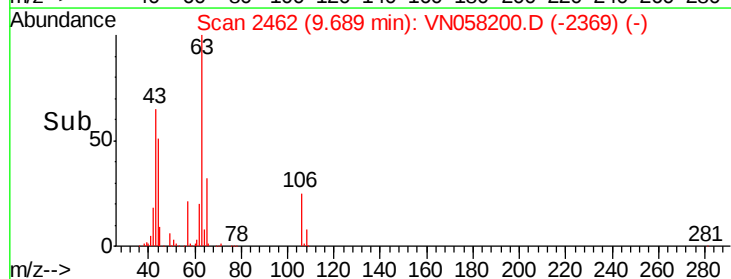
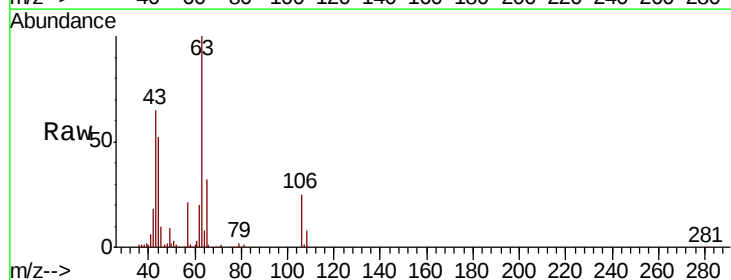
Instrument :
 MSVOA_N
 ClientSampled :

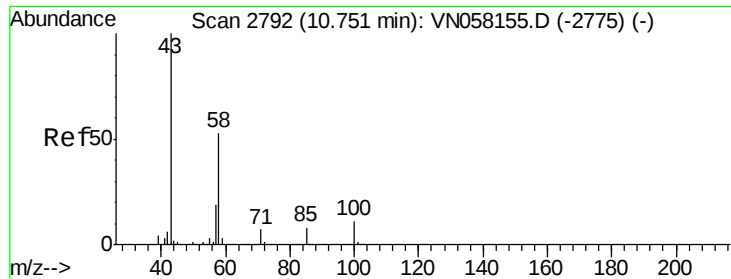
Tot Ion: 76 Resp: 166945
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.933 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 63 Resp: 348599
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.9 29.9

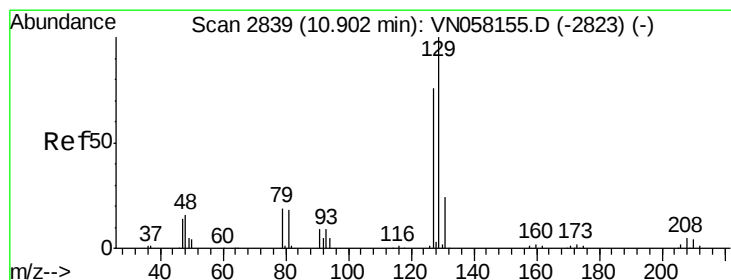
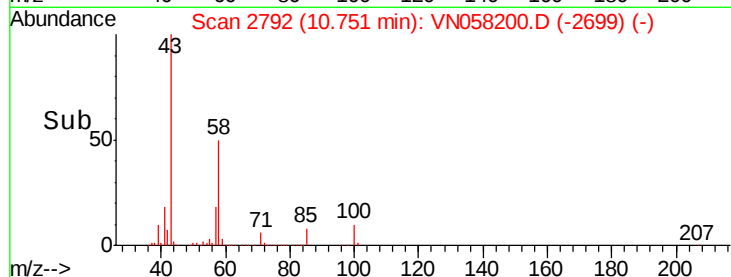
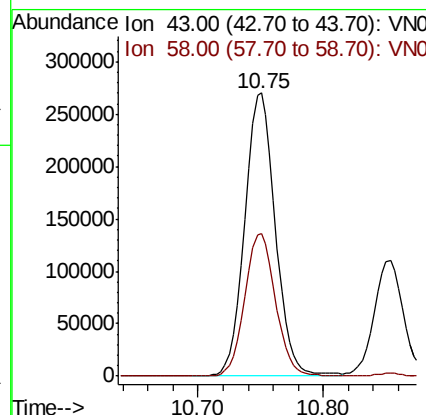
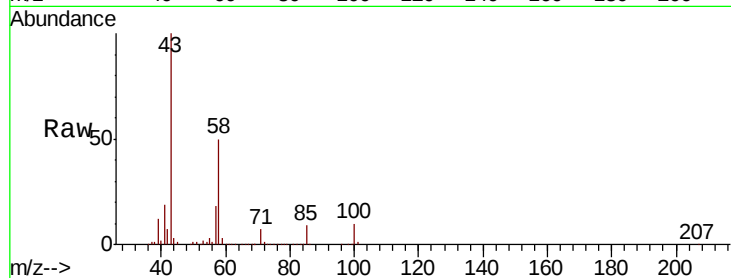




#59
2-Hexanone
Concen: 102.567 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

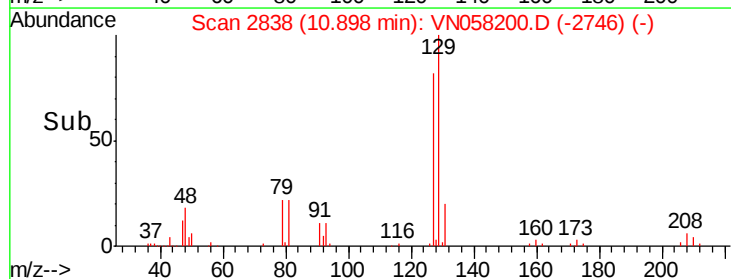
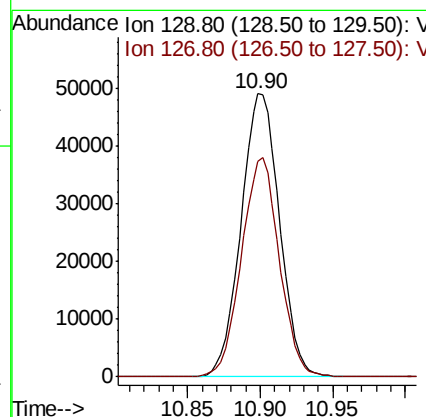
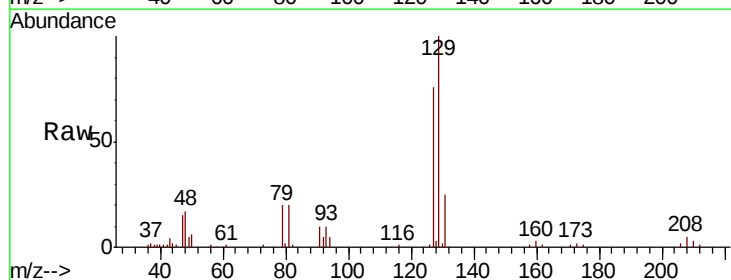
Instrument :
MSVOA_N
ClientSampleId :

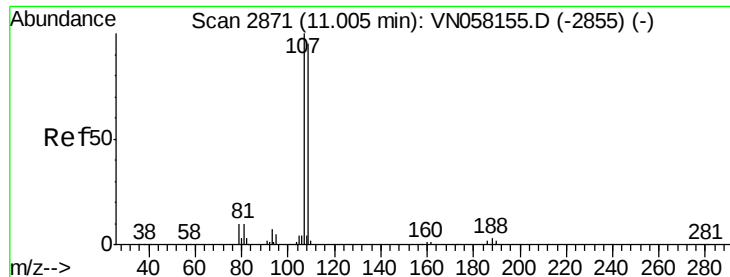
Tot Ion: 43 Resp: 454917
Ion Ratio Lower Upper
43 100
58 50.8 26.0 78.0



#60
Dibromochloromethane
Concen: 19.056 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 129 Resp: 90339
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1

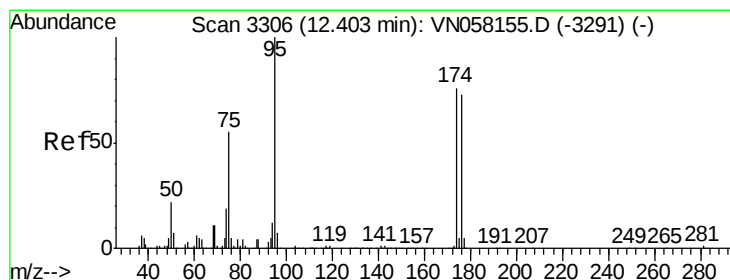
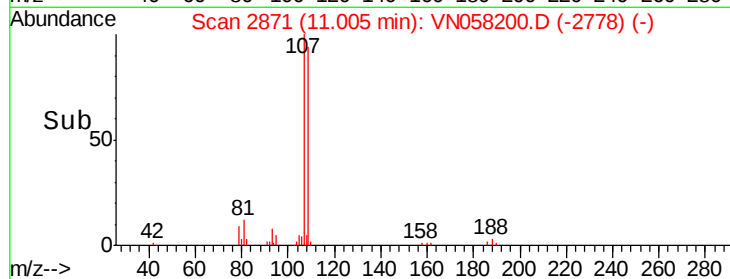
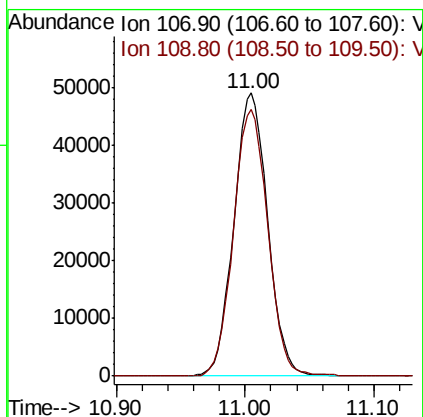
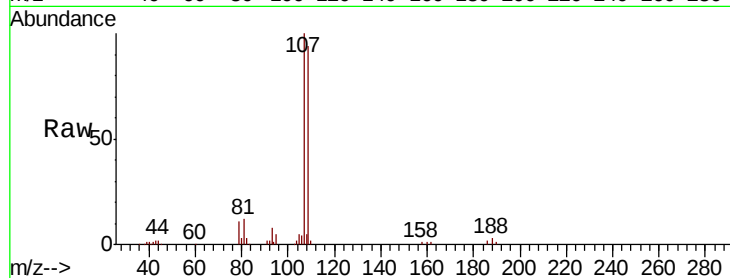




#61
 1,2-Dibromoethane
 Concen: 19.592 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

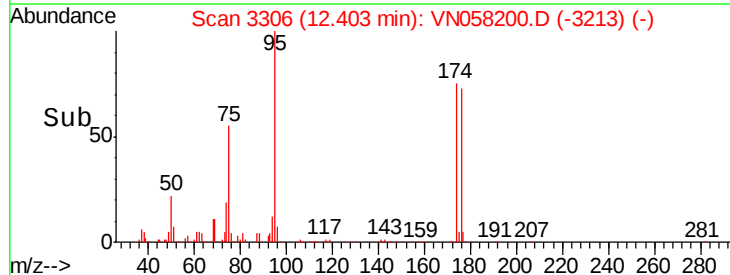
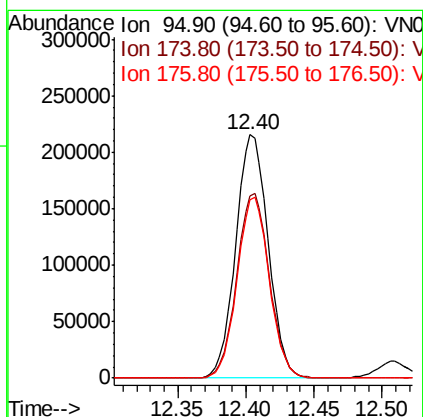
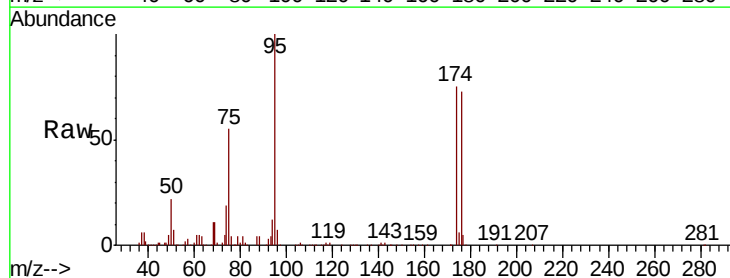
Instrument :
 MSVOA_N
 ClientSampled :

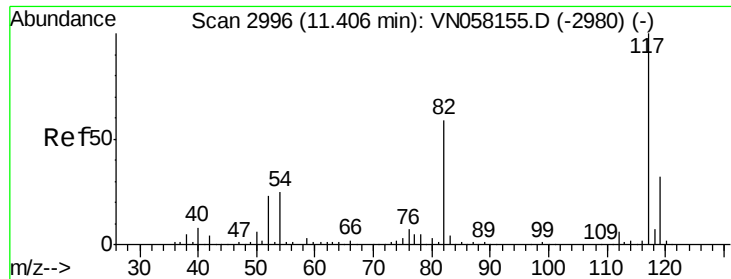
Tot Ion:107 Resp: 89474
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.318 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 95 Resp: 356126
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 152.2
 176 73.4 0.0 148.0

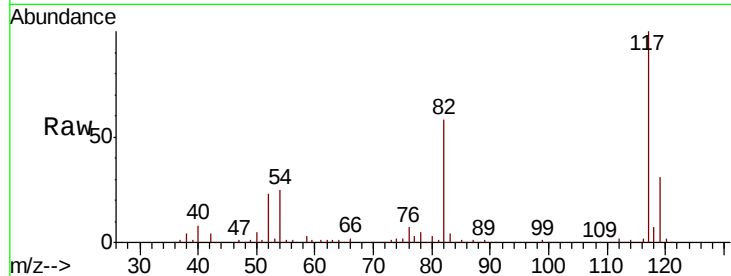




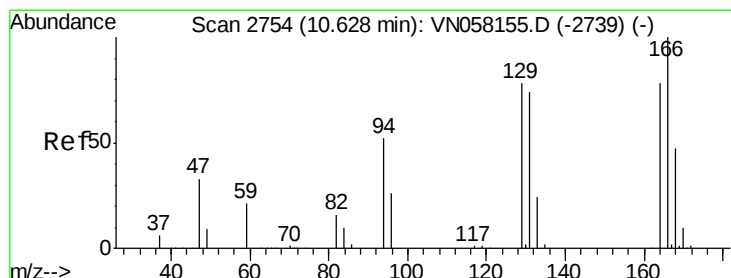
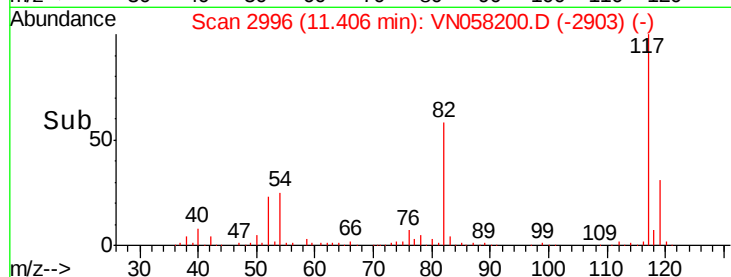
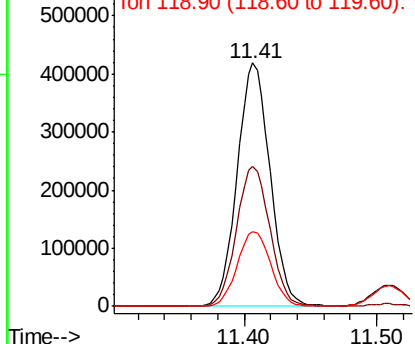
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 719933
Ion Ratio Lower Upper
117 100
82 57.5 46.9 70.3
119 30.9 25.3 37.9

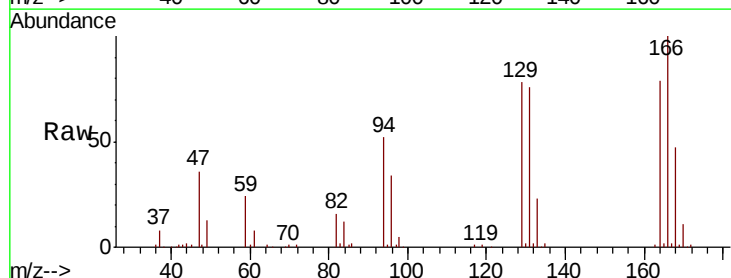


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

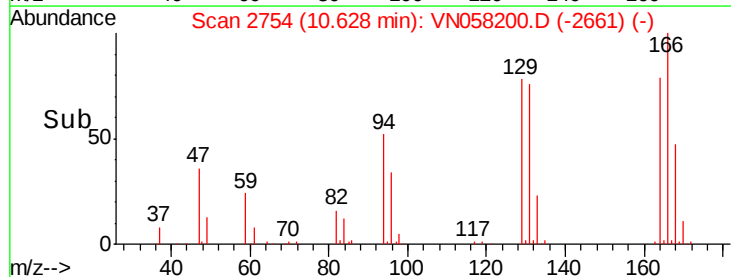
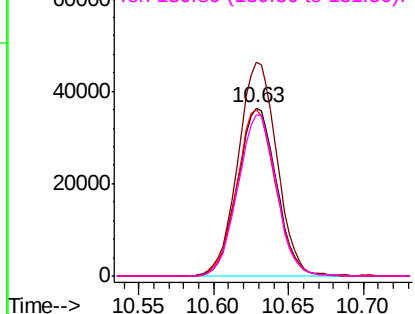


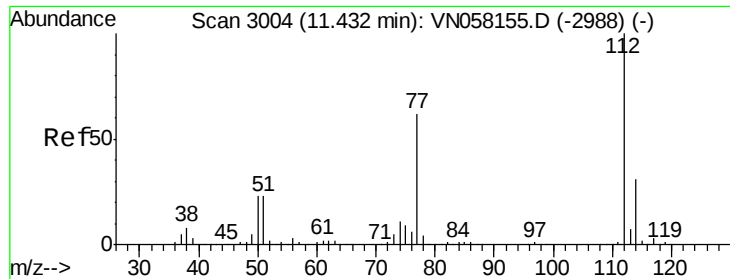
#64
Tetrachloroethene
Concen: 18.775 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion:164 Resp: 65892
Ion Ratio Lower Upper
164 100
166 126.9 102.2 153.4
129 99.2 79.6 119.4
131 96.1 76.0 114.0



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

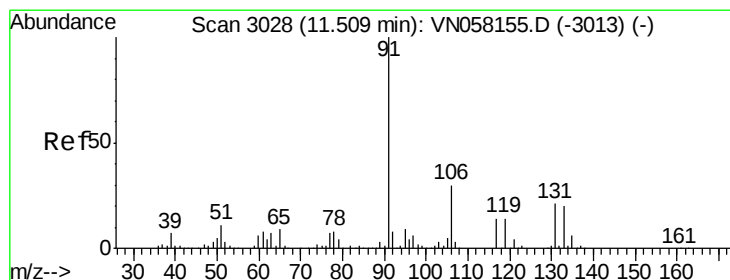
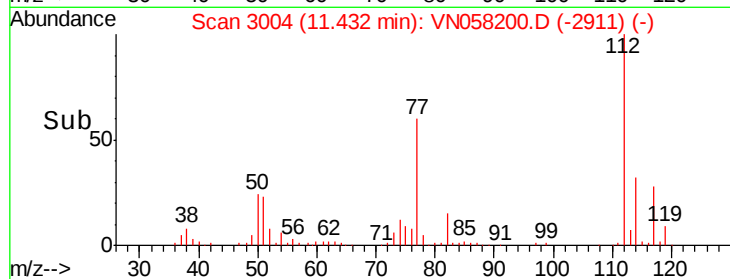
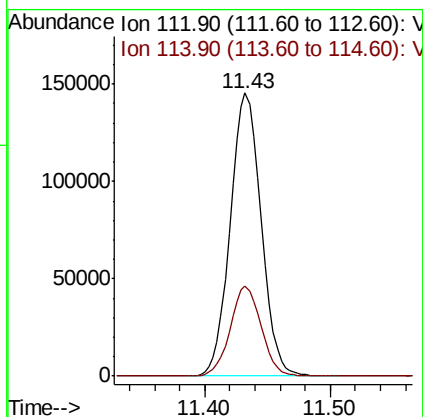
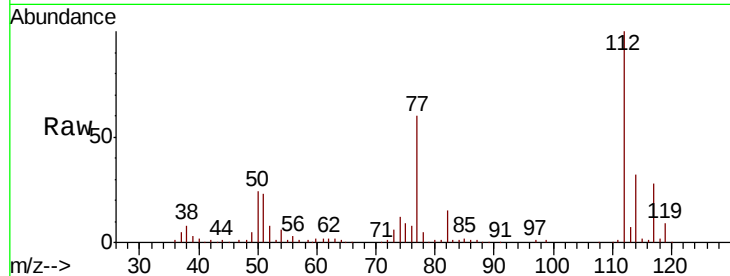




#65
Chlorobenzene
Concen: 19.641 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

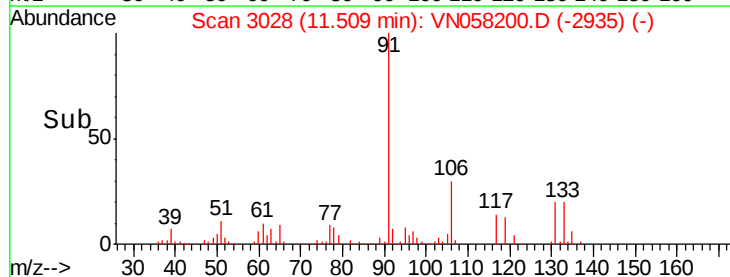
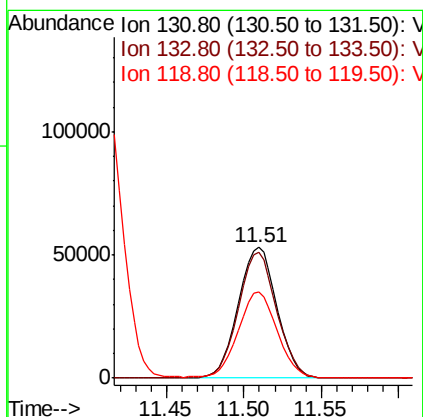
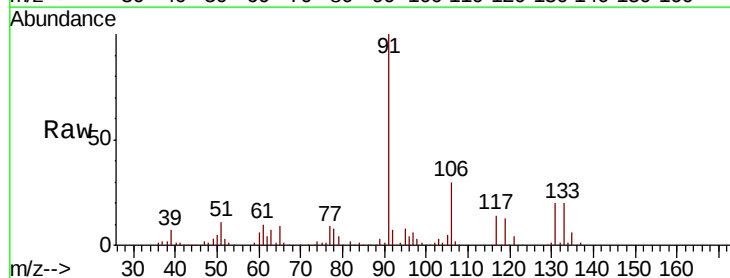
Instrument :
MSVOA_N
ClientSampled :

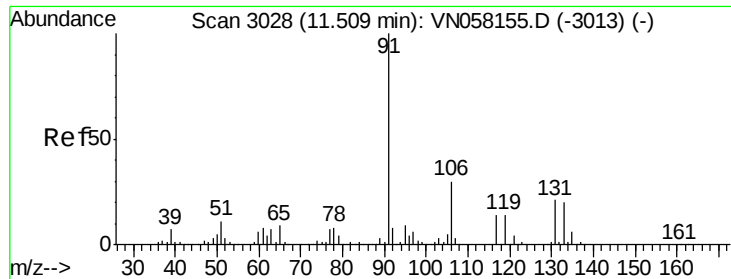
Tot Ion:112 Resp: 248717
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.100 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion:131 Resp: 92294
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.8 33.1 99.3

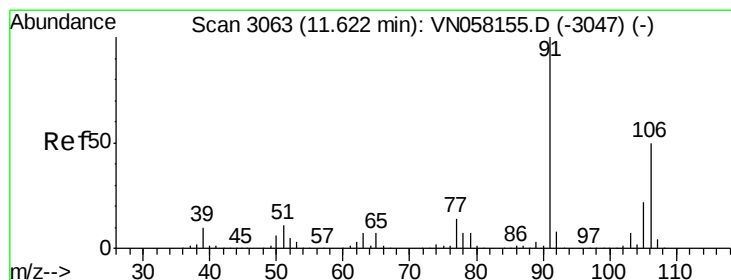
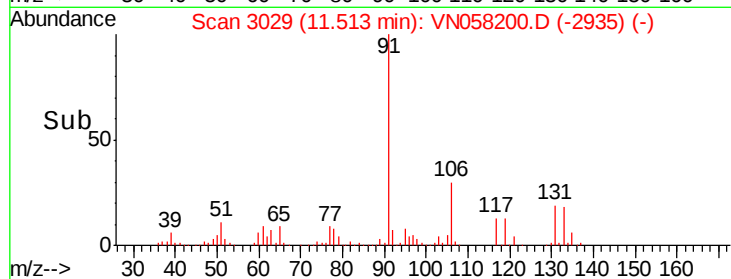
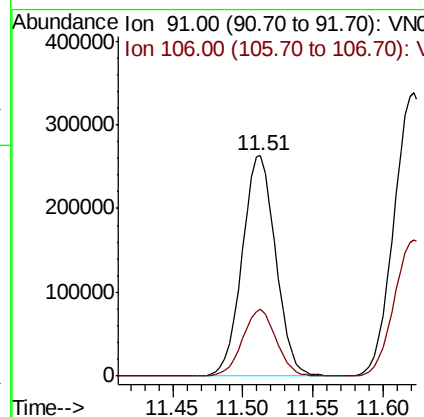
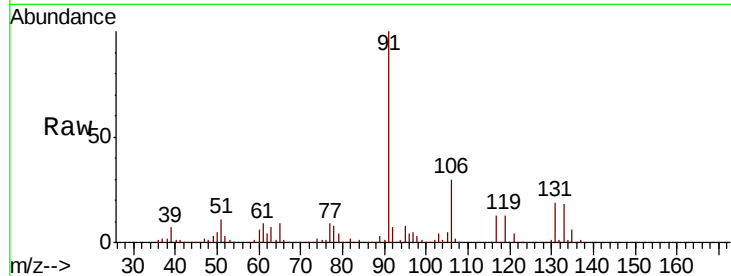




#67
Ethyl Benzene
Concen: 20.203 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

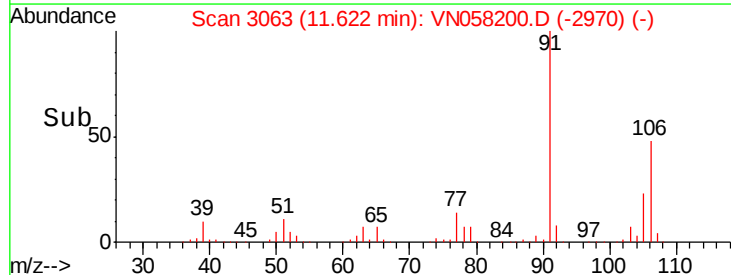
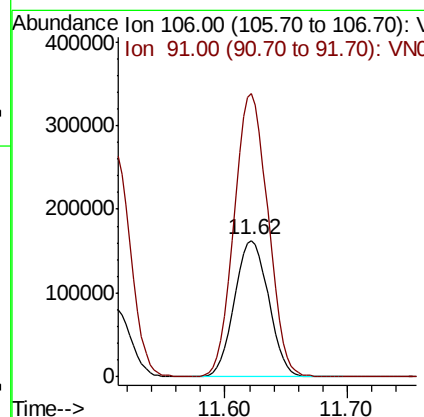
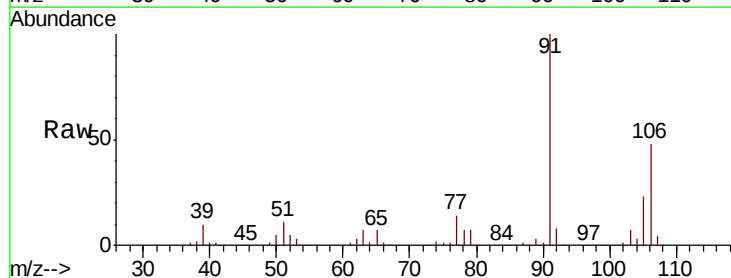
Instrument :
MSVOA_N
ClientSampled :

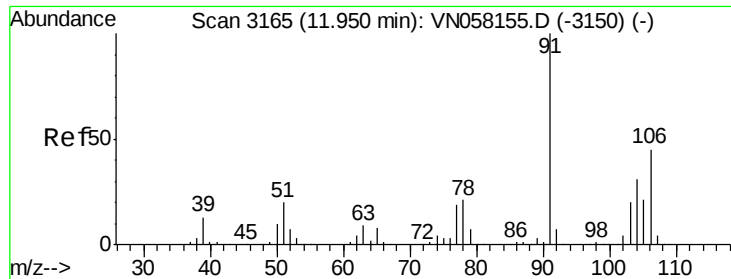
Tot Ion: 91 Resp: 438360
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 38.759 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 106 Resp: 316749
Ion Ratio Lower Upper
106 100
91 206.2 163.6 245.4

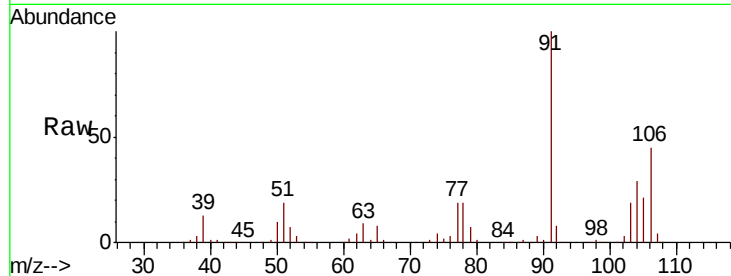




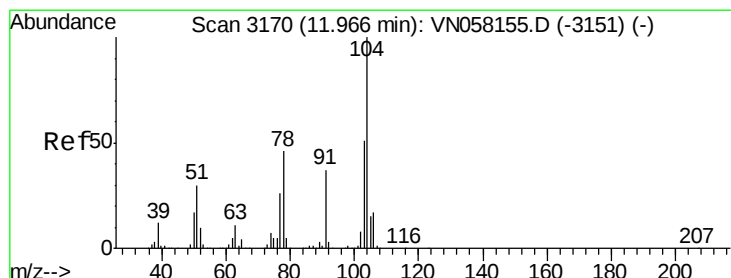
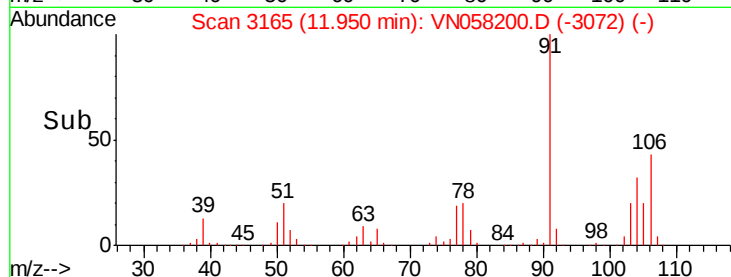
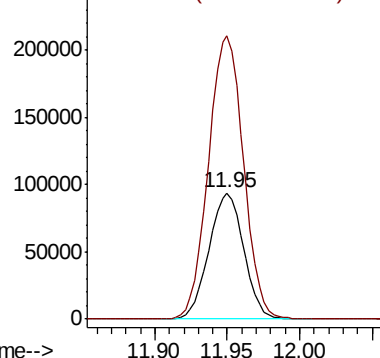
#69
o-Xylene
Concen: 19.491 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 156625
Ion Ratio Lower Upper
106 100
91 226.2 111.8 335.3

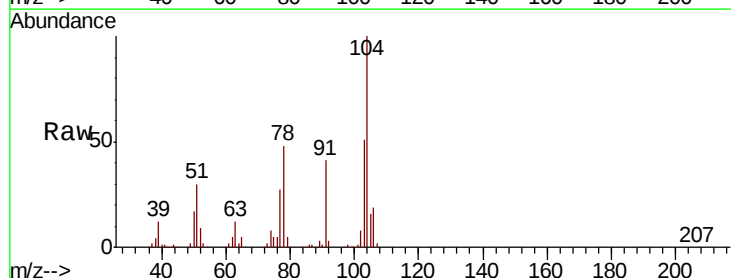


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

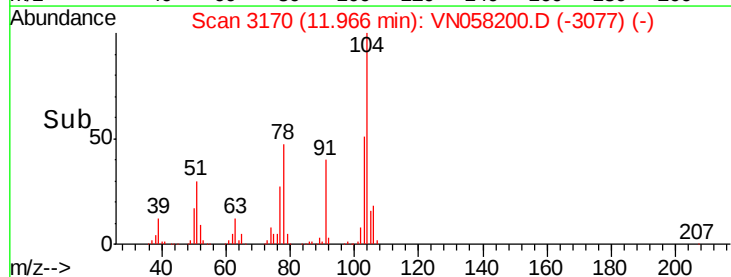
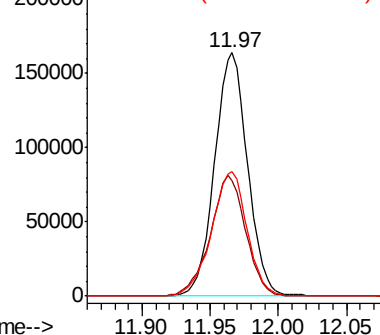


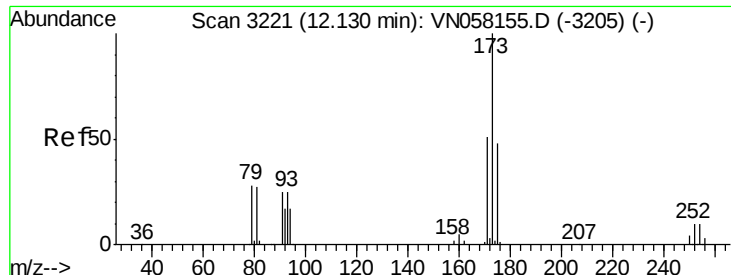
#70
Styrene
Concen: 19.876 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion:104 Resp: 275187
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.8
103 55.2 44.2 66.2



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

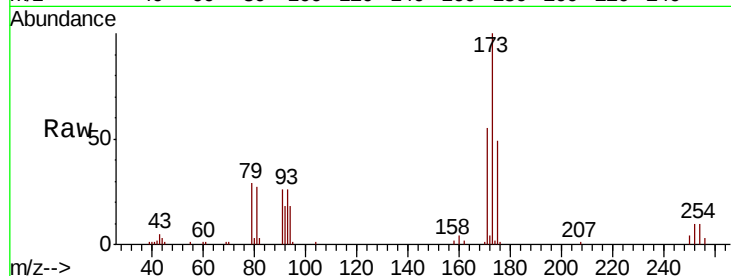




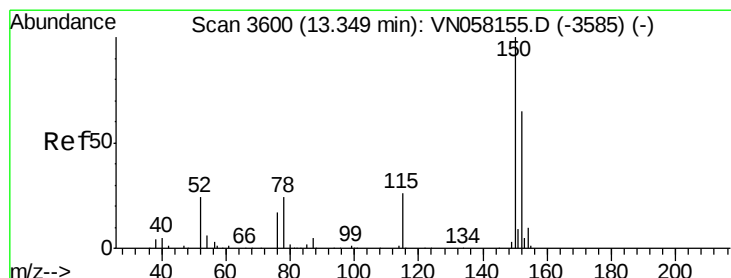
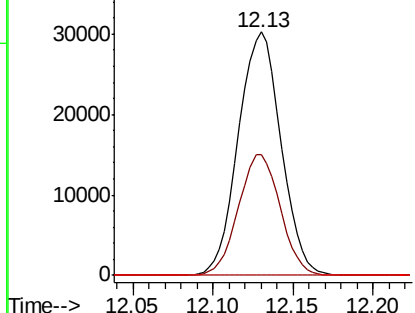
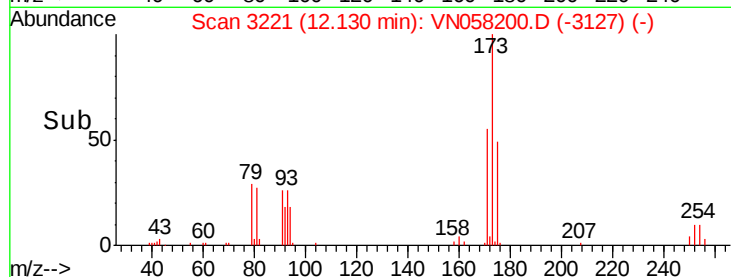
#71
Bromoform
Concen: 18.610 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 55074
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.1 0.1#

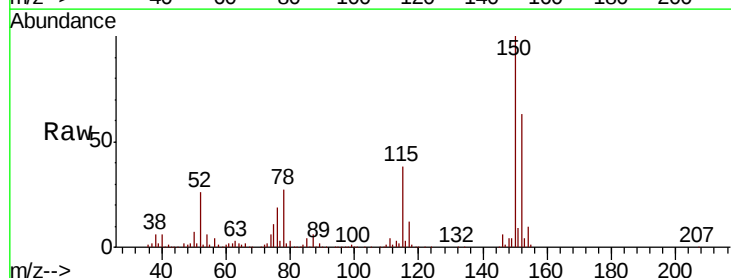


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

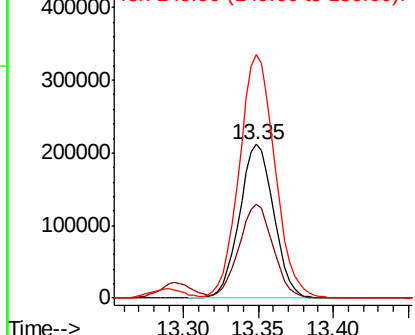
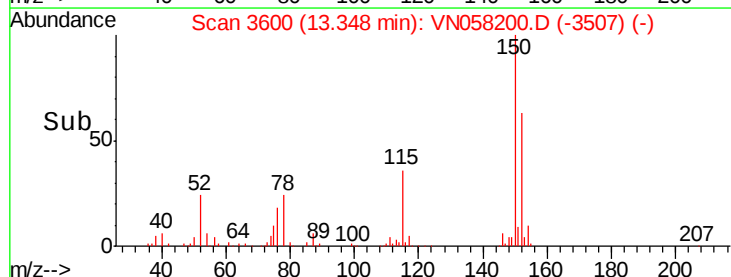


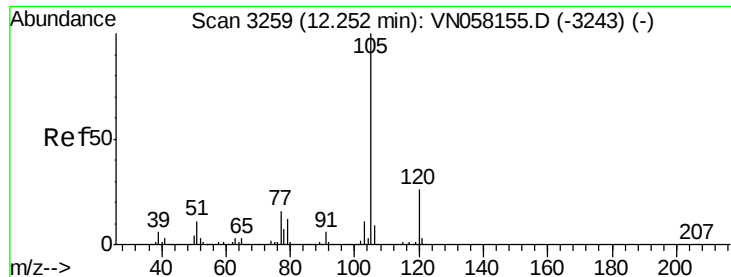
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion:152 Resp: 337611
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.3
150 164.6 0.0 346.4



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





#73

Isopropylbenzene

Concen: 21.121 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

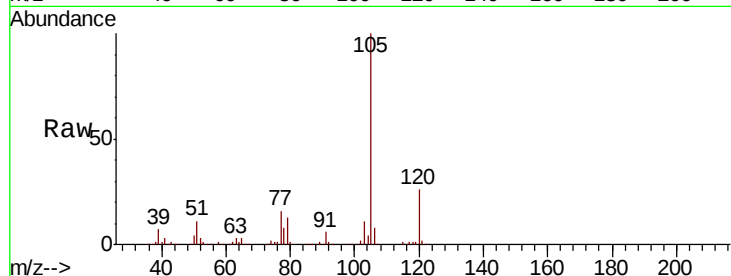
ClientSampled :

Tot Ion:105 Resp: 446329

Ion Ratio Lower Upper

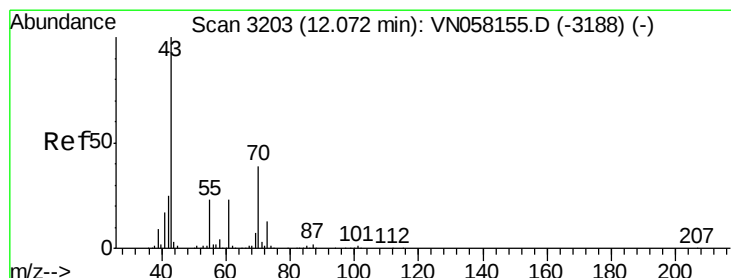
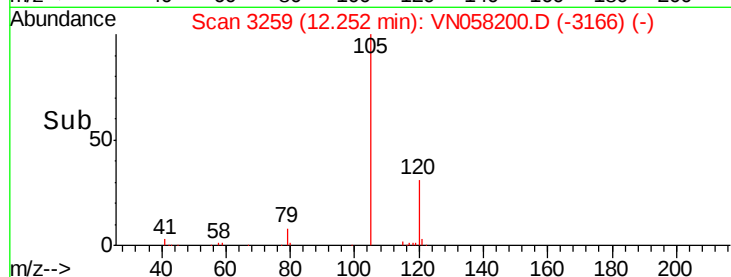
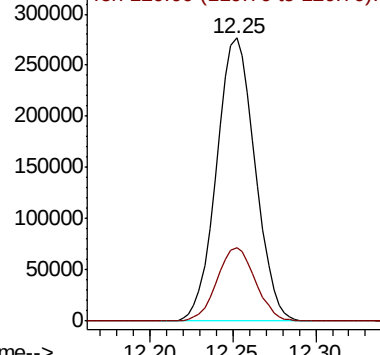
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.920 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion: 43 Resp: 184943

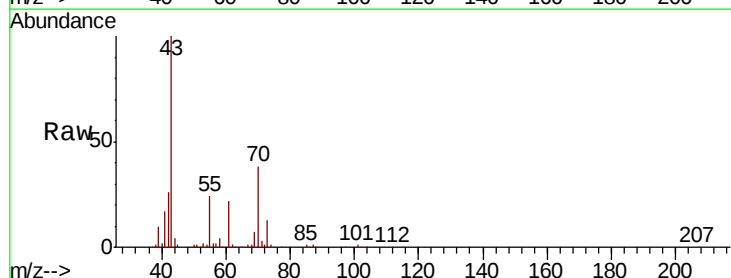
Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 24.2 18.5 27.7

61 21.7 18.2 27.2

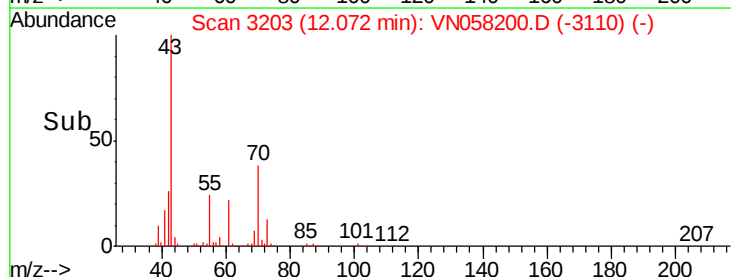
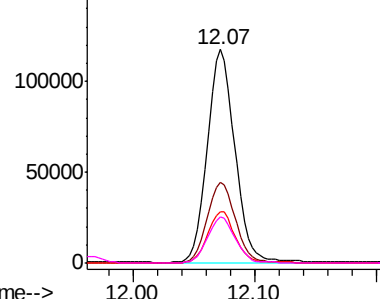


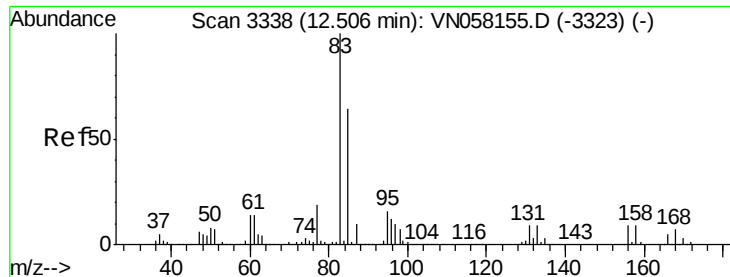
Abundance Ion 43.00 (42.70 to 43.70): V

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: 21.039 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampled :

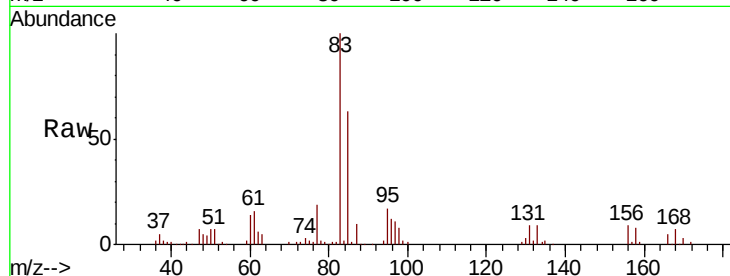
Tot Ion: 83 Resp: 148884

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

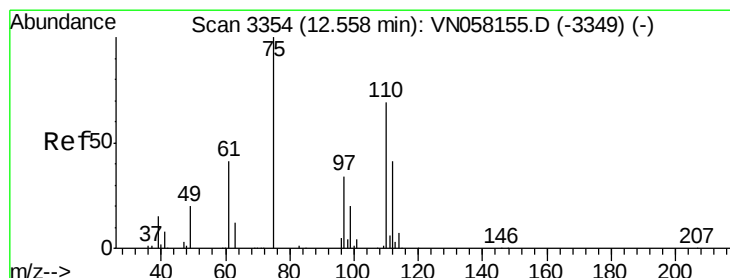
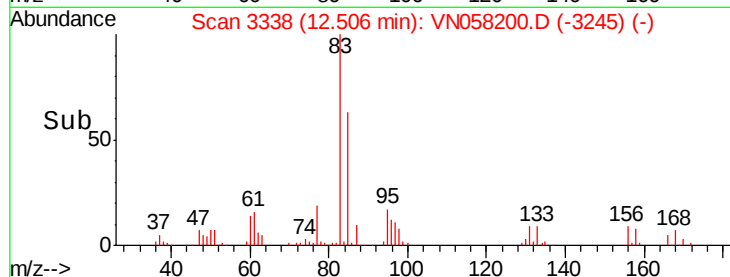
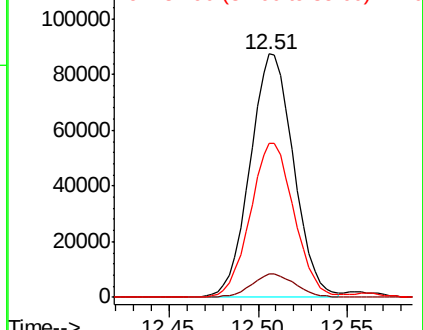
85 63.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.468 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN058200.D

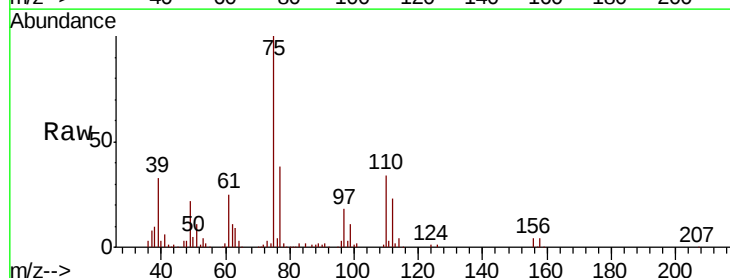
Acq: 19 Sep 2019 13:06

Tgt Ion: 75 Resp: 178049

Ion Ratio Lower Upper

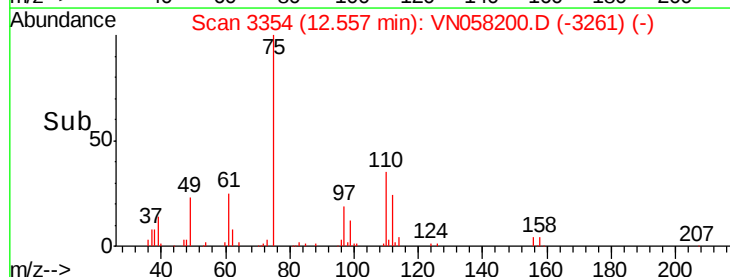
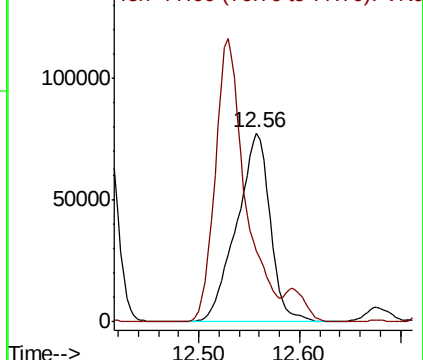
75 100

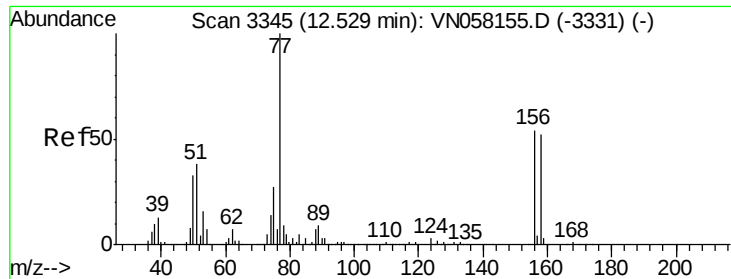
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

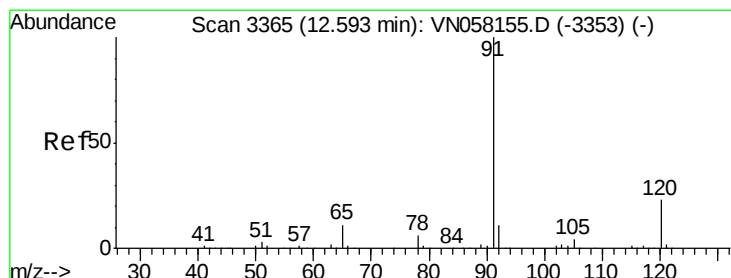
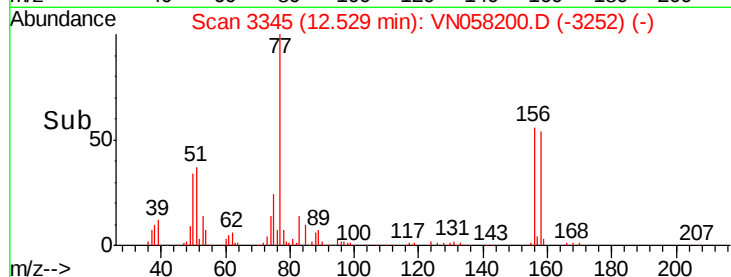
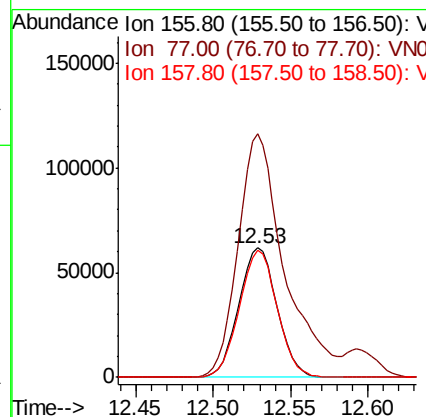
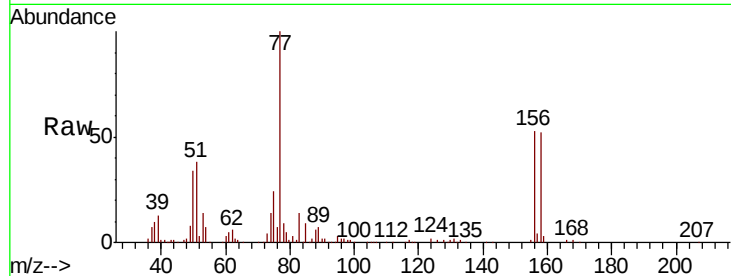




#77
Bromobenzene
Concen: 19.955 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

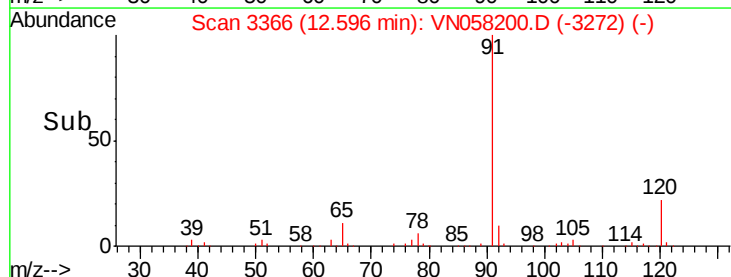
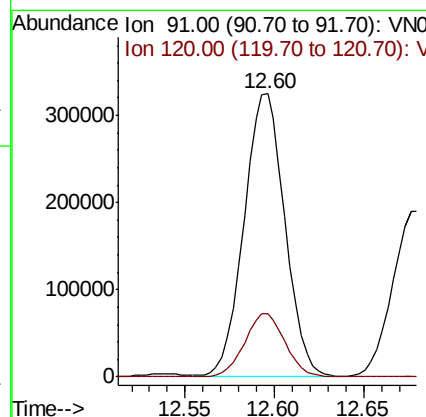
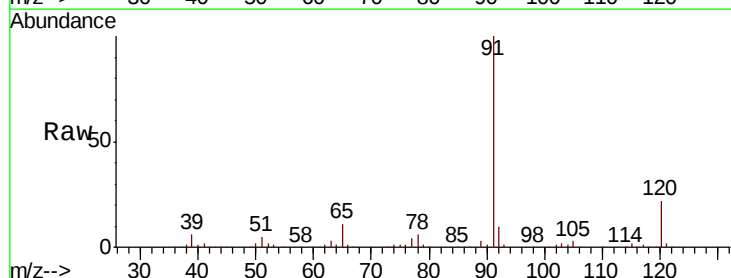
Instrument :
MSVOA_N
ClientSampled :

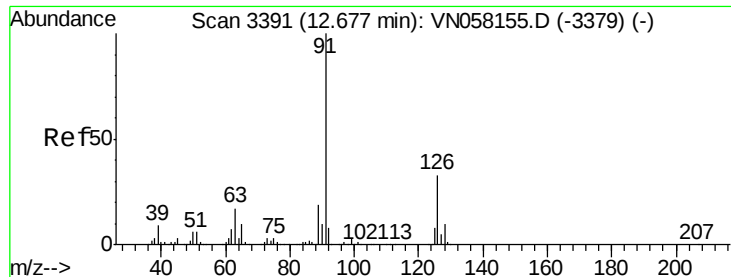
Tot Ion:156 Resp: 106075
Ion Ratio Lower Upper
156 100
77 227.1 111.7 335.1
158 97.0 47.9 143.8



#78
n-propylbenzene
Concen: 21.503 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 91 Resp: 516362
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3





#79

2-Chlorotoluene

Concen: 20.771 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

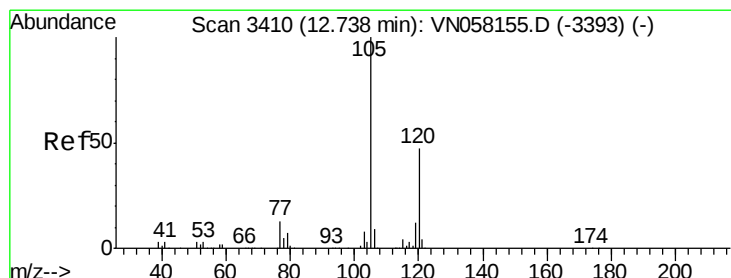
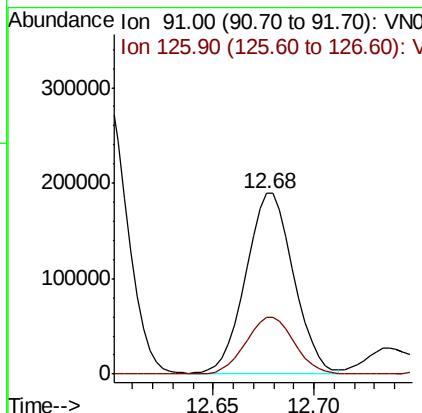
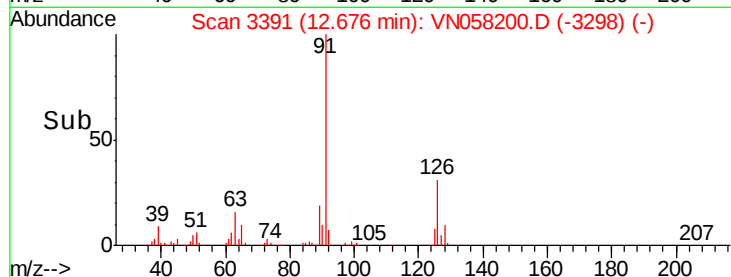
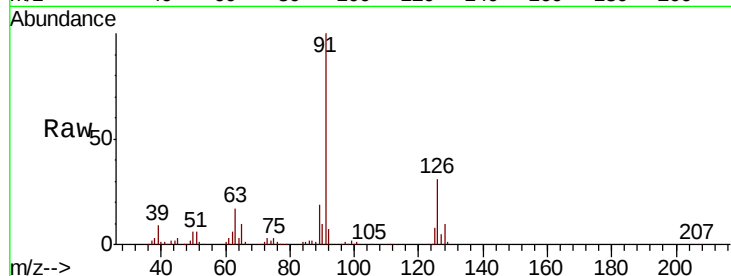
ClientSampleId :

Tot Ion: 91 Resp: 311732

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 21.277 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058200.D

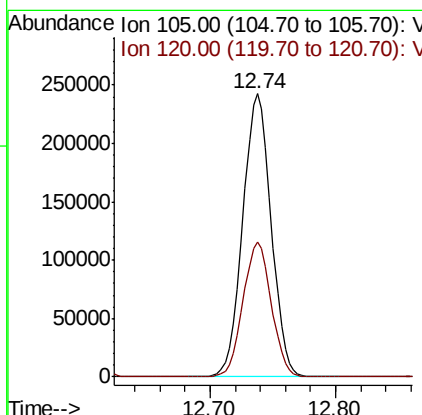
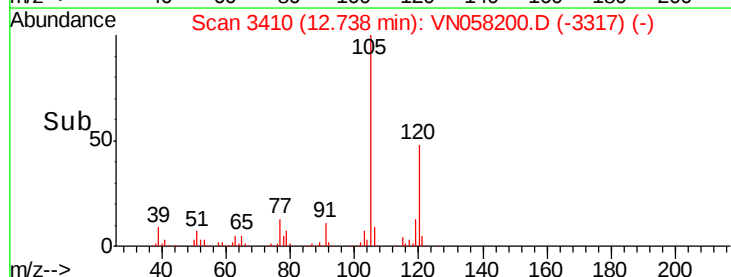
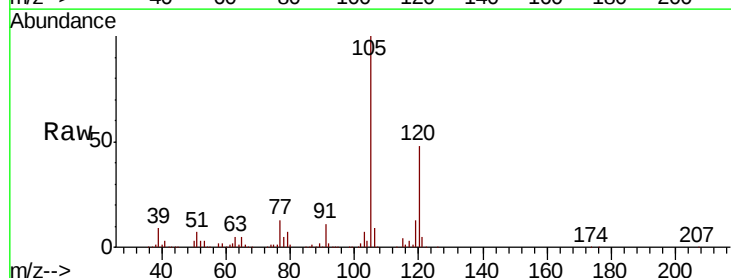
Acq: 19 Sep 2019 13:06

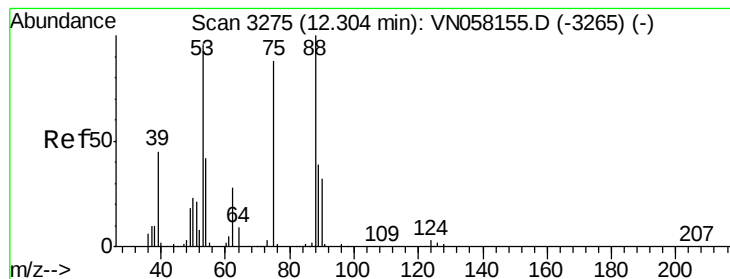
Tgt Ion: 105 Resp: 380216

Ion Ratio Lower Upper

105 100

120 47.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.582 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

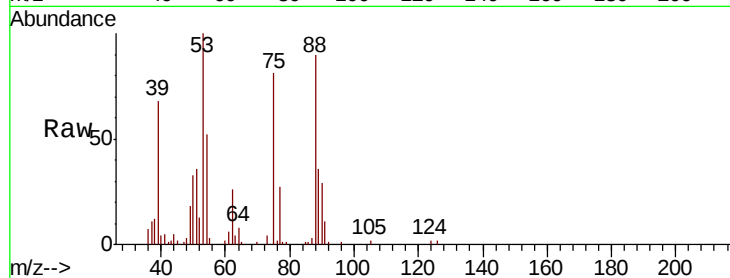
Tot Ion: 75 Resp: 31682

Ion Ratio Lower Upper

75 100

53 126.7 90.1 135.1

89 45.8 36.2 54.2

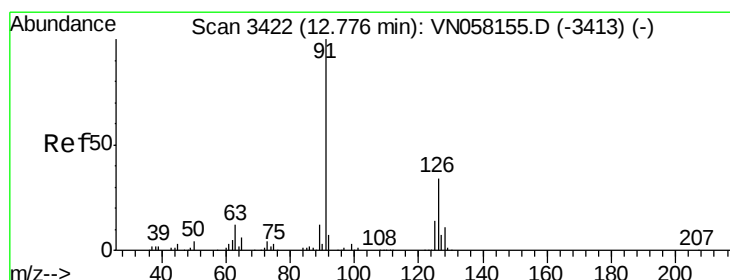
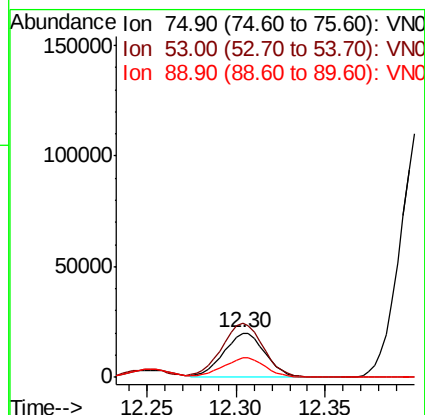
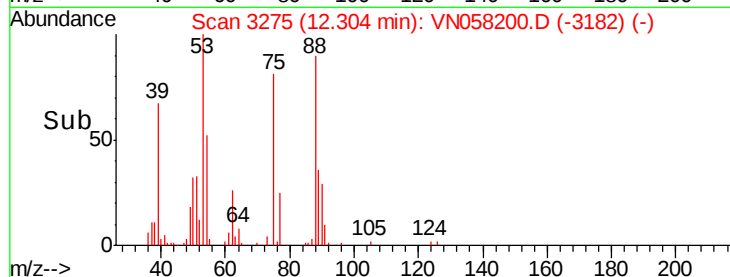


Abundance Ion 74.90 (74.60 to 75.60): VN058155.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN058155.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN058155.D (-3265) (-)

Time-->



#82

4-Chlorotoluene

Concen: 20.521 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN058200.D

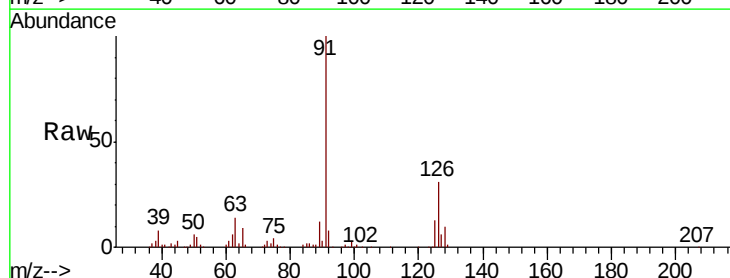
Acq: 19 Sep 2019 13:06

Tgt Ion: 91 Resp: 323739

Ion Ratio Lower Upper

91 100

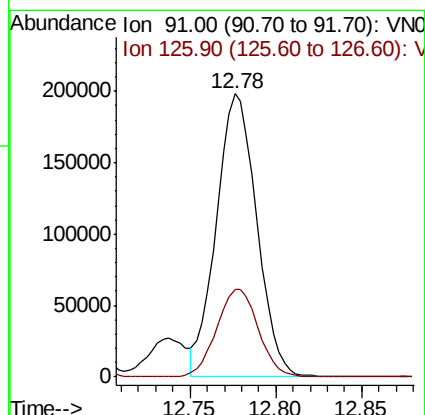
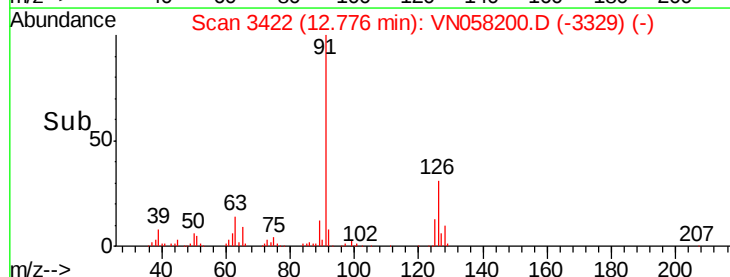
126 32.2 15.7 47.1

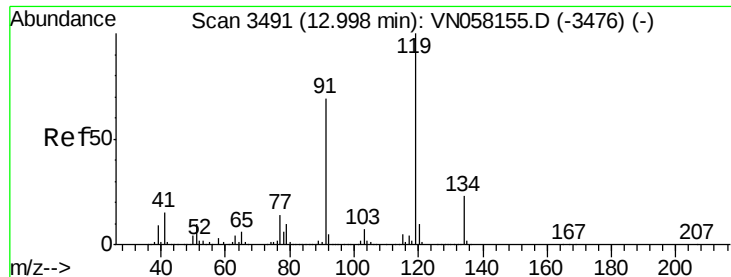


Abundance Ion 91.00 (90.70 to 91.70): VN058155.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN058155.D (-3413) (-)

Time-->





#83

tert-Butylbenzene

Concen: 21.037 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

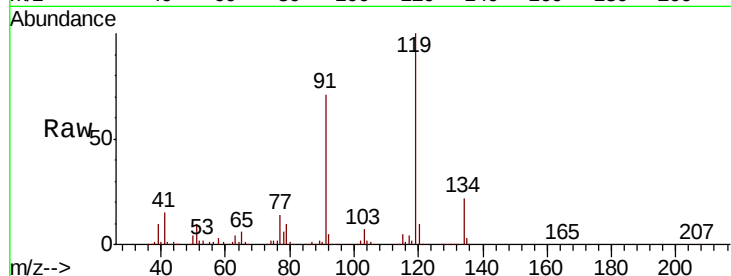
Tot Ion:119 Resp: 335253

Ion Ratio Lower Upper

119 100

91 69.7 33.8 101.3

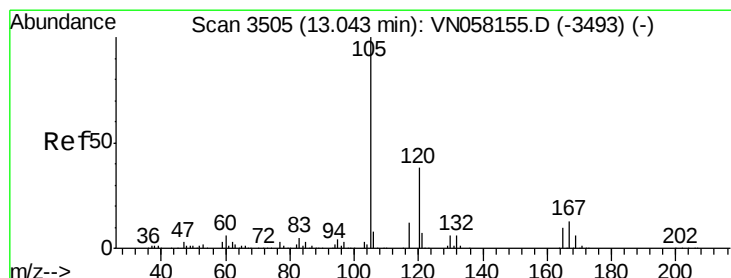
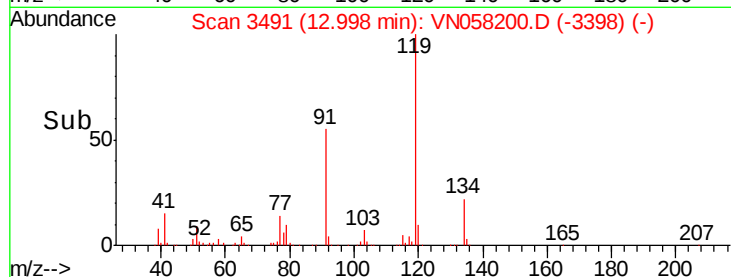
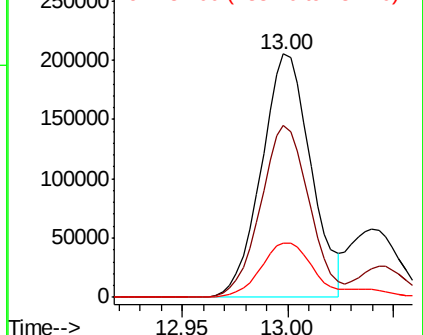
134 23.6 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.613 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058200.D

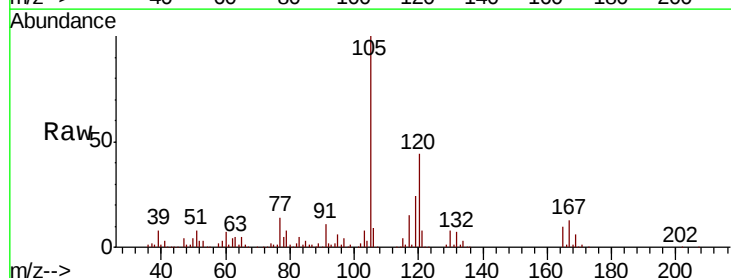
Acq: 19 Sep 2019 13:06

Tgt Ion:105 Resp: 384347

Ion Ratio Lower Upper

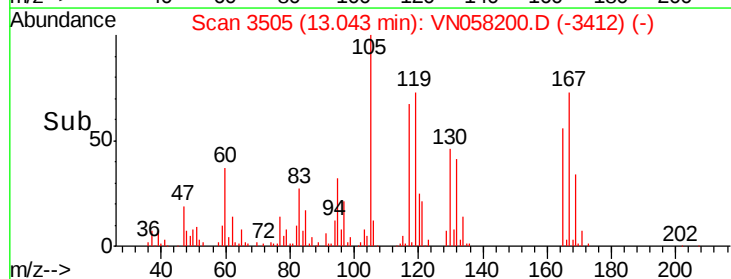
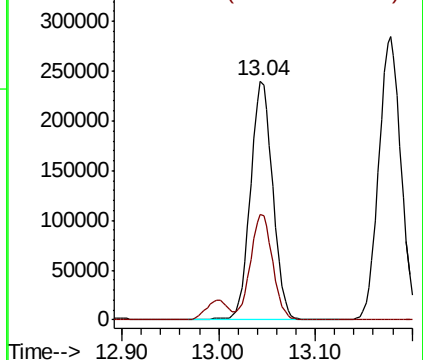
105 100

120 43.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.717 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

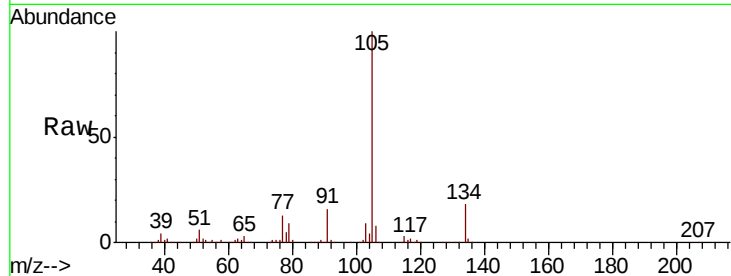
ClientSampleId :

Tot Ion:105 Resp: 452557

Ion Ratio Lower Upper

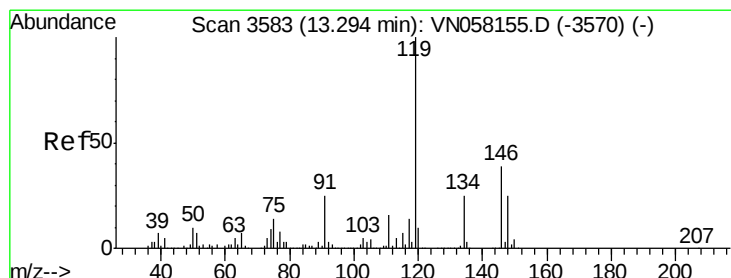
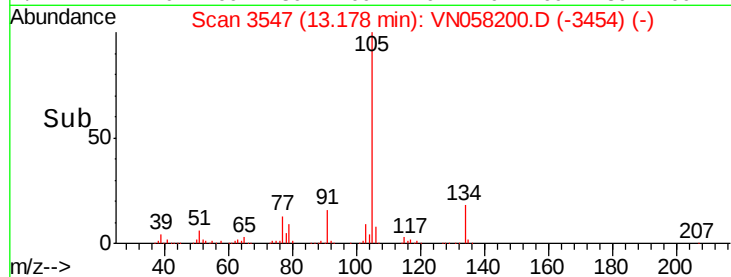
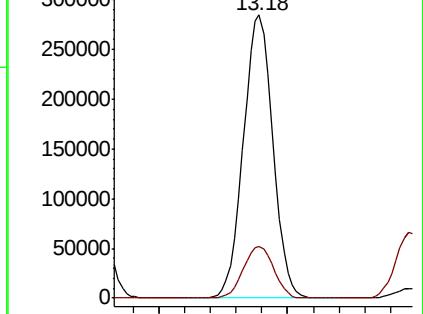
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.631 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

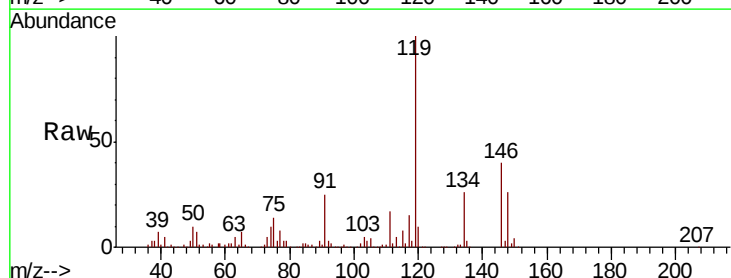
Tgt Ion:119 Resp: 400740

Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

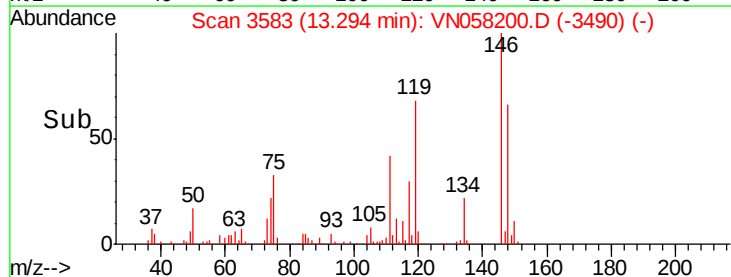
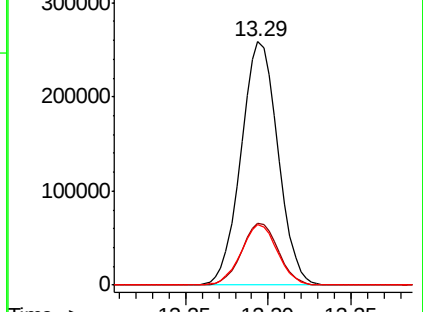
91 24.5 12.3 36.8

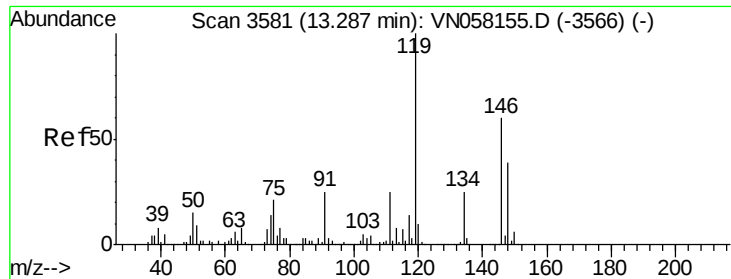


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

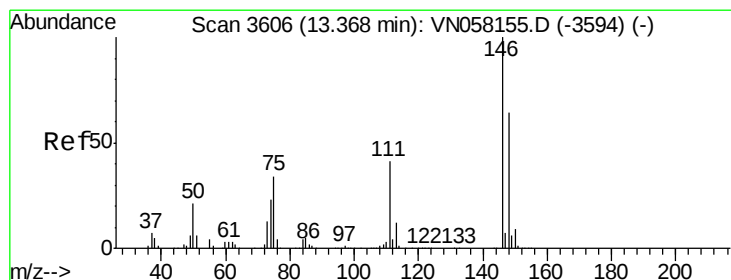
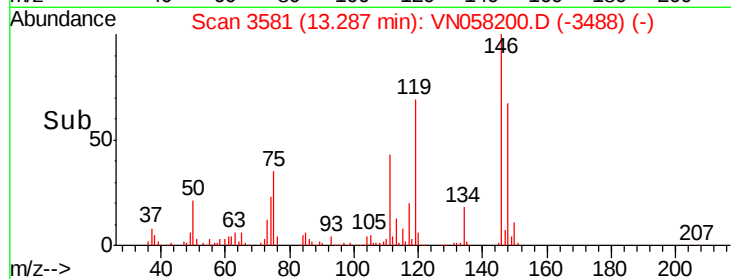
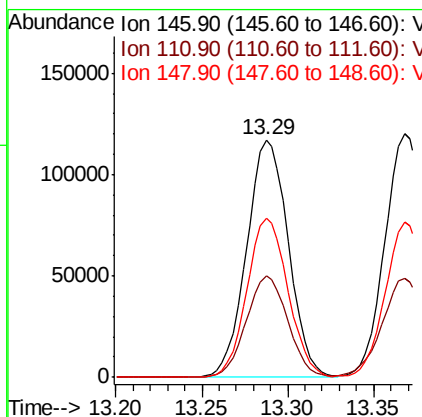
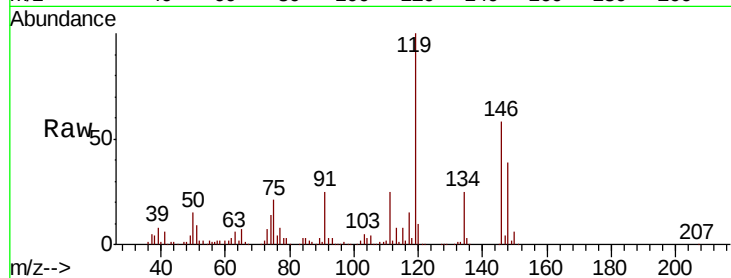




#87
 1,3-Dichlorobenzene
 Concen: 20.276 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

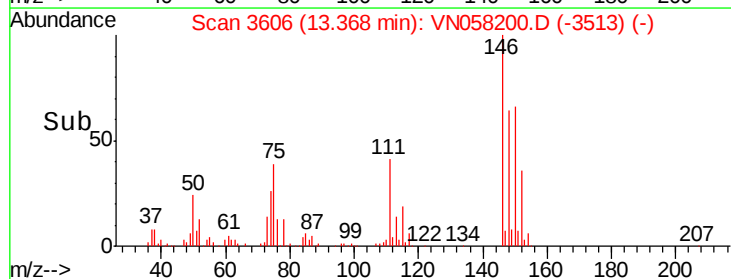
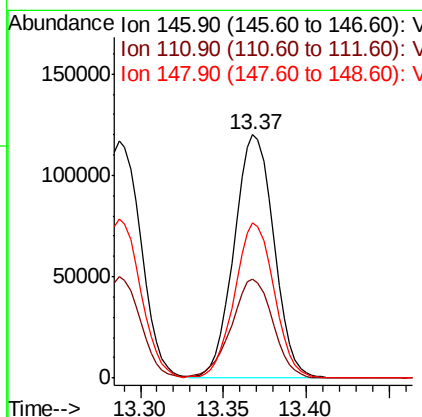
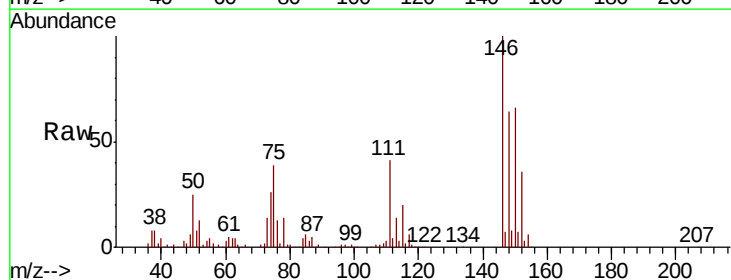
Instrument :
 MSVOA_N
 ClientSampled :

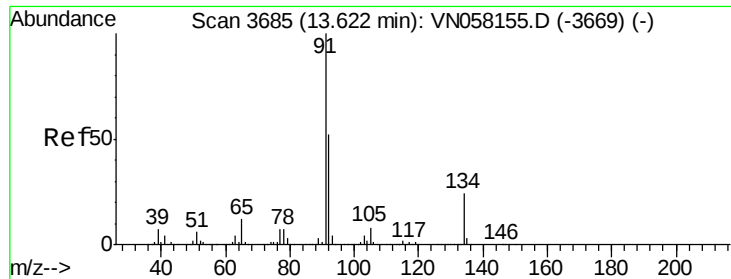
Tot Ion:146 Resp: 196857
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.9 62.8
 148 65.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.135 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion:146 Resp: 199580
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.5 61.5
 148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 20.281 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

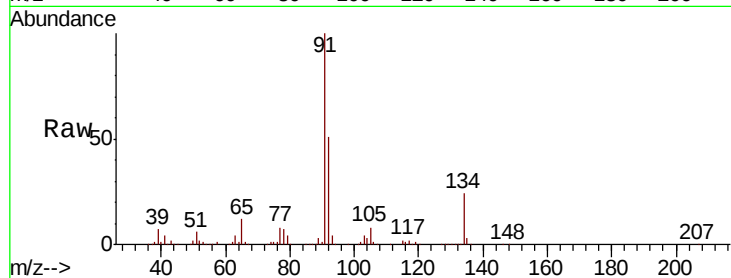
Tot Ion: 91 Resp: 356215

Ion Ratio Lower Upper

91 100

92 51.6 25.7 77.0

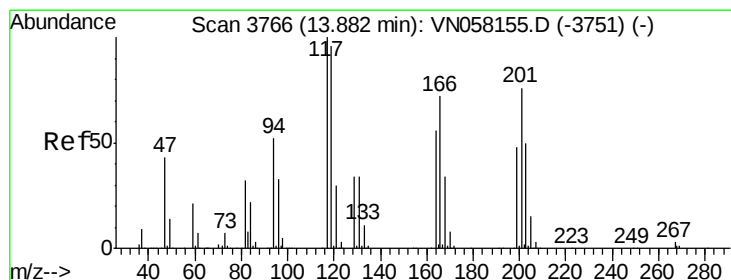
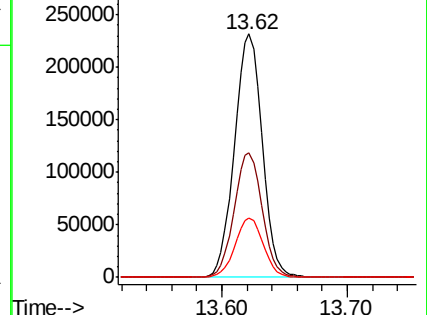
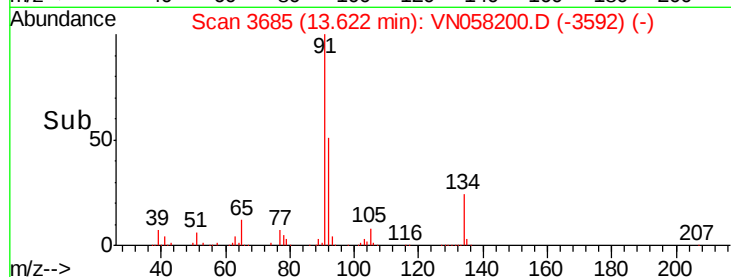
134 24.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN058155.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN058155.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN058155.D (-3669) (-)



#90

Hexachloroethane

Concen: 19.508 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058200.D

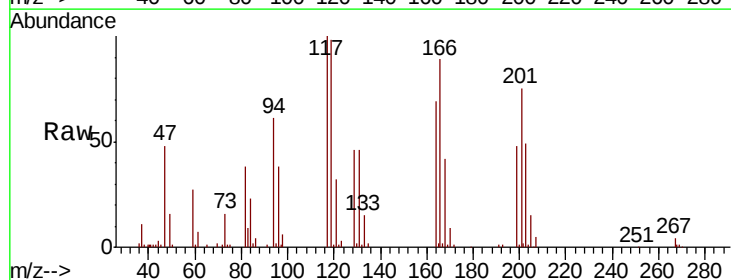
Acq: 19 Sep 2019 13:06

Tgt Ion: 117 Resp: 57449

Ion Ratio Lower Upper

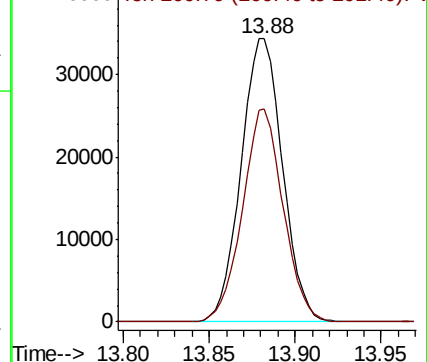
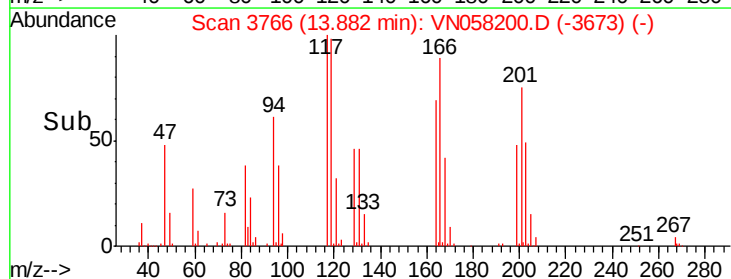
117 100

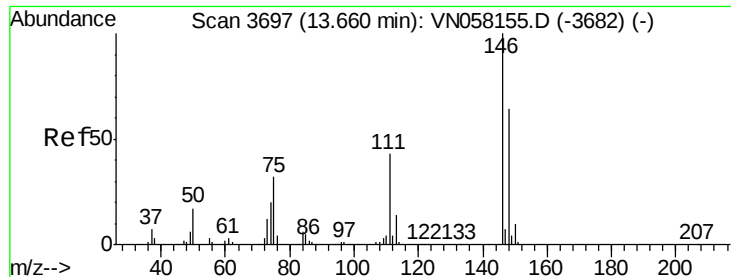
201 73.8 37.5 112.5



Abundance Ion 116.80 (116.50 to 117.50): VN058155.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN058155.D (-3751) (-)

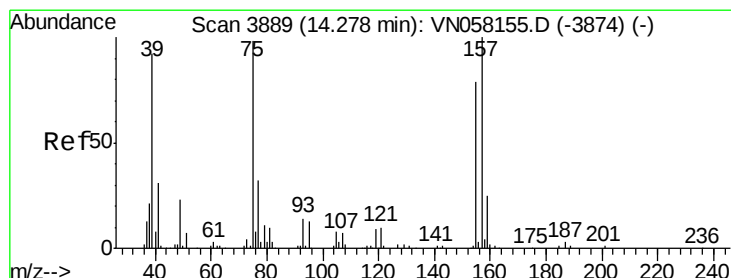
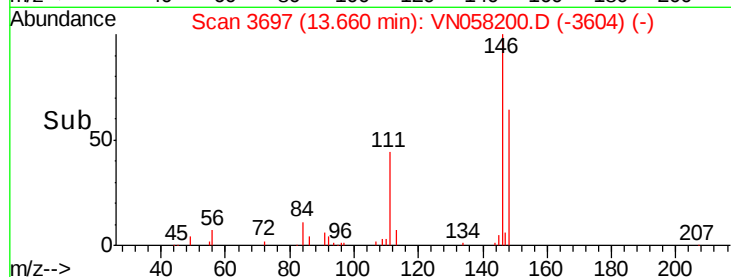
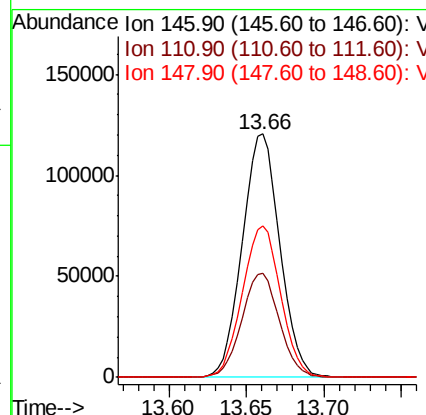
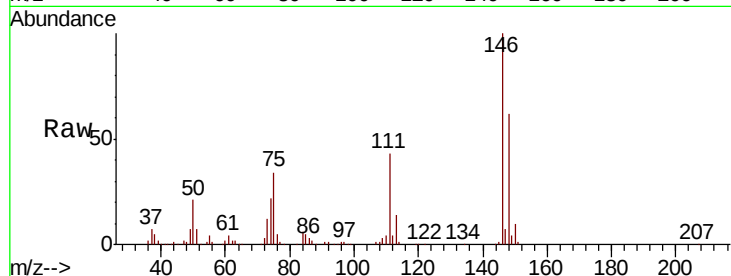




#91
 1,2-Dichlorobenzene
 Concen: 20.939 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

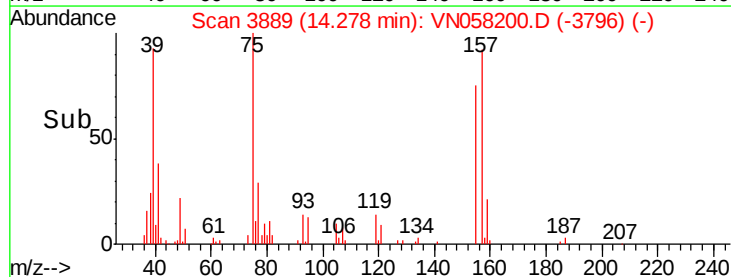
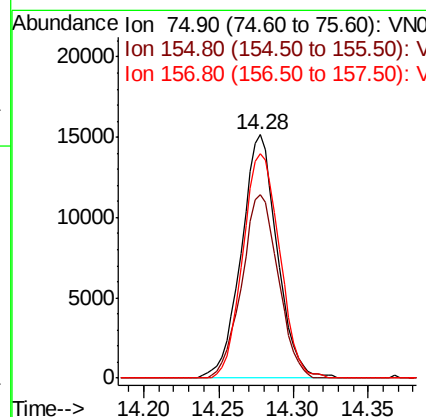
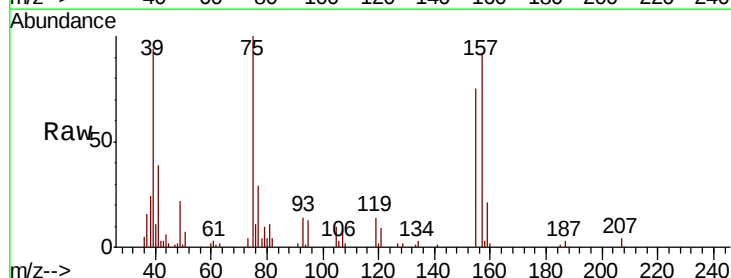
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.1
148	63.3	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.881 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	38.3	114.8
157	94.5	48.0	144.0

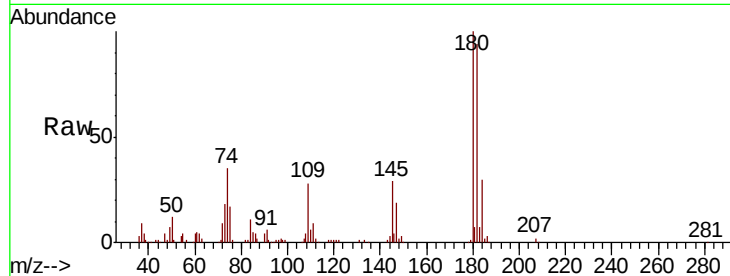




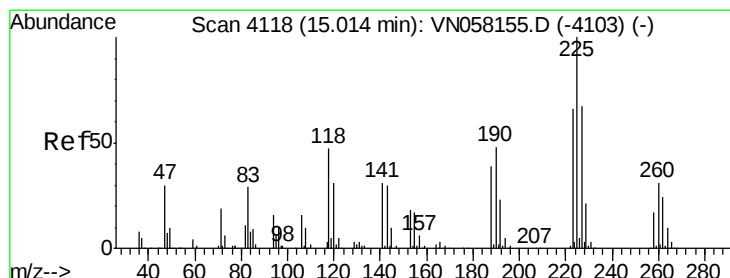
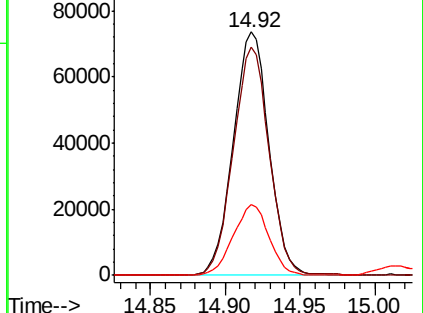
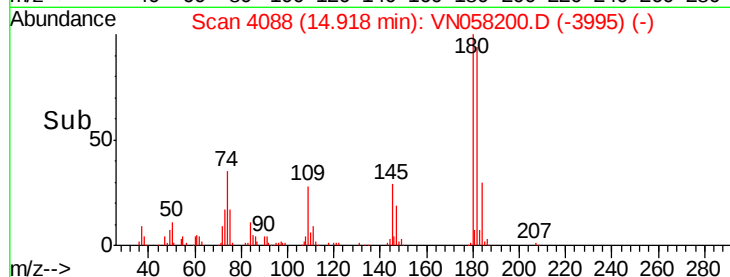
#93
 1,2,4-Trichlorobenzene
 Concen: 19.589 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.3
145	29.1	15.4	46.4

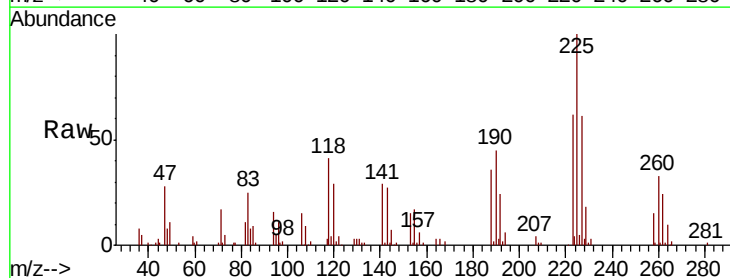


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

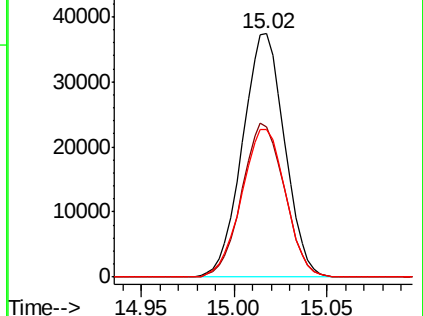
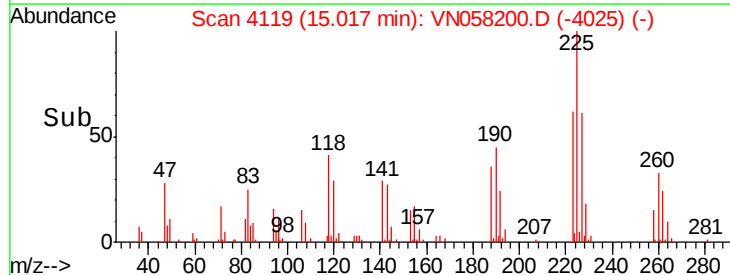


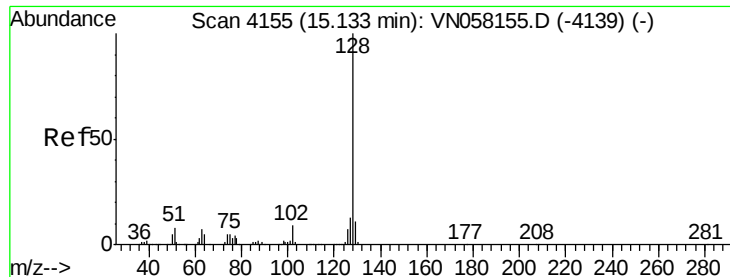
#94
 Hexachlorobutadiene
 Concen: 19.665 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.6	97.7
227	62.9	33.0	99.0



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: 20.302 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampled :

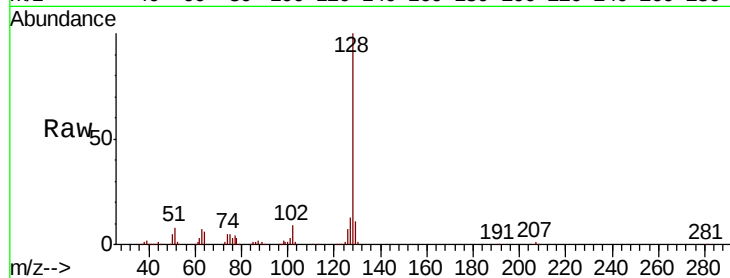
Tot Ion:128 Resp: 327397

Ion Ratio Lower Upper

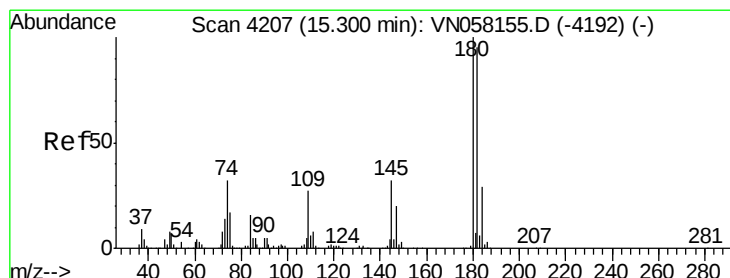
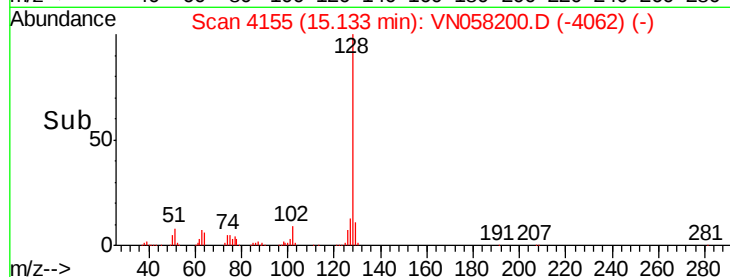
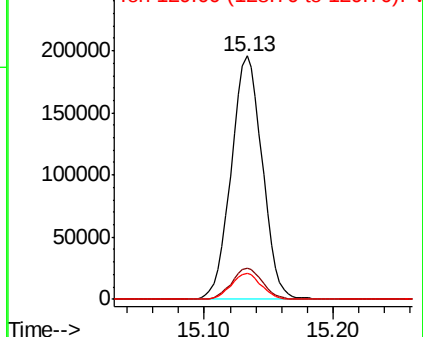
128 100

127 12.8 10.2 15.2

129 10.6 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 19.728 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

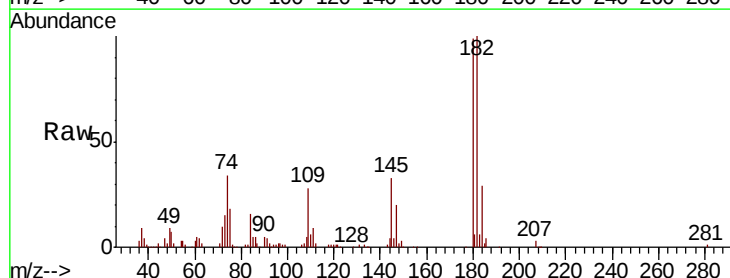
Tgt Ion:180 Resp: 116031

Ion Ratio Lower Upper

180 100

182 98.9 47.4 142.2

145 33.2 16.1 48.2



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

