

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\
 Data File : VN056789.D
 Acq On : 17 Jul 2019 12:14
 Operator : JC/SP
 Sample : VN0717WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 18 01:04:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	310507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	486691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	427821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177188	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	173365	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	156363	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	10.09	98	587664	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	192457	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	49549	16.994	ug/l	99
3) Chloromethane	2.06	50	67596	17.244	ug/l	100
4) Vinyl Chloride	2.18	62	65806	17.433	ug/l	99
5) Bromomethane	2.55	94	40659	18.316	ug/l	91
6) Chloroethane	2.70	64	38854	17.663	ug/l	95
7) Trichlorofluoromethane	3.01	101	86788	17.918	ug/l	99
8) Diethyl Ether	3.41	74	34860	18.460	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	53021	18.220	ug/l	100
10) Methyl Iodide	3.95	142	69273	17.797	ug/l	98
11) Tert butyl alcohol	4.79	59	54590	95.488	ug/l	100
12) 1,1-Dichloroethene	3.73	96	51953	17.798	ug/l	96
13) Acrolein	3.61	56	16619	92.149	ug/l	96
14) Allyl chloride	4.32	41	88222	17.477	ug/l	99
15) Acrylonitrile	4.99	53	158098	95.761	ug/l	97
16) Acetone	3.82	43	132684	83.830	ug/l	99
17) Carbon Disulfide	4.05	76	124747	16.173	ug/l	98
18) Methyl Acetate	4.33	43	69427	18.926	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	169079	18.180	ug/l	100
20) Methylene Chloride	4.55	84	61992	17.923	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	55875	18.109	ug/l	97
22) Diisopropyl ether	5.95	45	187352	18.803	ug/l	95
23) Vinyl Acetate	5.90	43	761593	94.324	ug/l	100
24) 1,1-Dichloroethane	5.85	63	105881	18.329	ug/l	99
25) 2-Butanone	6.84	43	210112	90.800	ug/l	100
26) 2,2-Dichloropropane	6.82	77	73492	17.644	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	66648	18.772	ug/l	98
28) Bromochloromethane	7.19	49	58332	21.476	ug/l	100
29) Tetrahydrofuran	7.21	42	143361	94.987	ug/l	98
30) Chloroform	7.37	83	106942	18.499	ug/l	97
31) Cyclohexane	7.65	56	100286	18.265	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	85482	18.698	ug/l	99
36) 1,1-Dichloropropene	7.79	75	78345	17.396	ug/l	99
37) Ethyl Acetate	6.93	43	85100	19.172	ug/l	100
38) Carbon Tetrachloride	7.77	117	73642	17.436	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	94180	16.936	ug/l	98
40) Benzene	8.04	78	248308	17.994	ug/l	100
41) Methacrylonitrile	7.21	41	122100	62.623	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	81159	18.609	ug/l	99
43) Isopropyl Acetate	8.17	43	128184	18.369	ug/l	99
44) Trichloroethene	8.84	130	66300	17.693	ug/l	96
45) 1,2-Dichloropropane	9.12	63	66918	18.250	ug/l	96
46) Dibromomethane	9.21	93	42153	18.551	ug/l	99
47) Bromodichloromethane	9.40	83	78213	18.113	ug/l	98
48) Methyl methacrylate	9.20	41	61935	18.353	ug/l	99
49) 1,4-Dioxane	9.20	88	27061	390.797	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	418374	92.568	ug/l	100
52) Toluene	10.16	92	150515	18.366	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	79499	17.647	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	92656	17.724	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	62108	18.069	ug/l	98
56) Ethyl methacrylate	10.43	69	91798	18.561	ug/l	100
57) 1,3-Dichloropropane	10.71	76	104522	18.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	229502	96.498	ug/l	100
59) 2-Hexanone	10.75	43	299576	92.376	ug/l	99
60) Dibromochloromethane	10.90	129	61746	18.265	ug/l	99
61) 1,2-Dibromoethane	11.00	107	64159	18.782	ug/l	100
64) Tetrachloroethene	10.63	164	67757	18.358	ug/l	99
65) Chlorobenzene	11.43	112	158755	18.148	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	59389	18.439	ug/l	99
67) Ethyl Benzene	11.51	91	276392	17.978	ug/l	99
68) m/p-Xylenes	11.62	106	207696	36.150	ug/l	99
69) o-Xylene	11.95	106	101461	17.963	ug/l	99
70) Styrene	11.96	104	165487	18.122	ug/l	99
71) Bromoform	12.13	173	43850	17.893	ug/l #	99
73) Isopropylbenzene	12.25	105	266629	18.663	ug/l	100
74) N-amyl acetate	12.07	43	96596	18.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	88666	20.277	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	106123	27.384	ug/l #	100
77) Bromobenzene	12.53	156	70030	18.740	ug/l	99
78) n-propylbenzene	12.59	91	284669	17.948	ug/l	100
79) 2-Chlorotoluene	12.67	91	178219	19.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	227308	18.772	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	22268	17.746	ug/l	94
82) 4-Chlorotoluene	12.77	91	168812	18.136	ug/l	99
83) tert-Butylbenzene	12.99	119	192652	19.530	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	221933	18.761	ug/l	99
85) sec-Butylbenzene	13.17	105	250660	18.630	ug/l	100
86) p-Isopropyltoluene	13.29	119	223511	18.337	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	109941	17.952	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	105727	17.748	ug/l	99
89) n-Butylbenzene	13.61	91	170834	17.400	ug/l	100
90) Hexachloroethane	13.87	117	33962	17.230	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	113245	18.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14621	19.085	ug/l	94

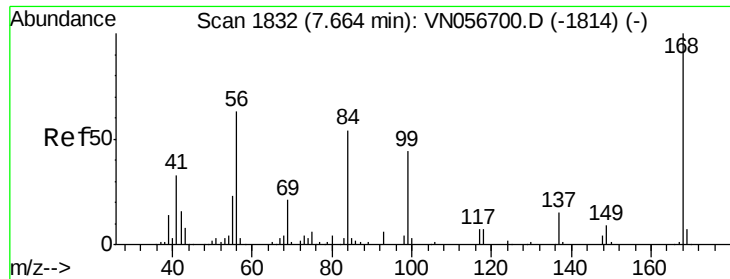
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47415	16.382	ug/l	99
94) Hexachlorobutadiene	15.01	225	38584	18.802	ug/l	99
95) Naphthalene	15.13	128	117758	15.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51122	17.214	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

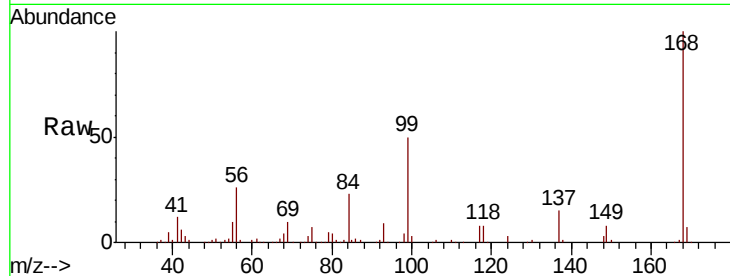
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 310507

Ion Ratio Lower Upper

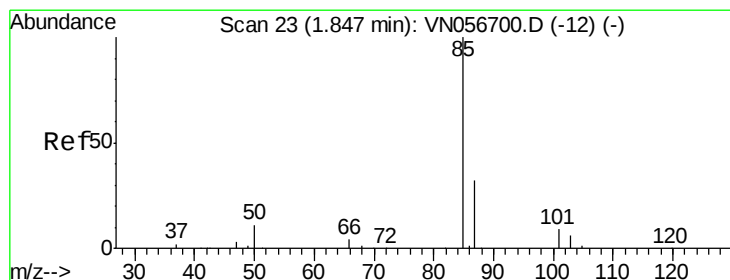
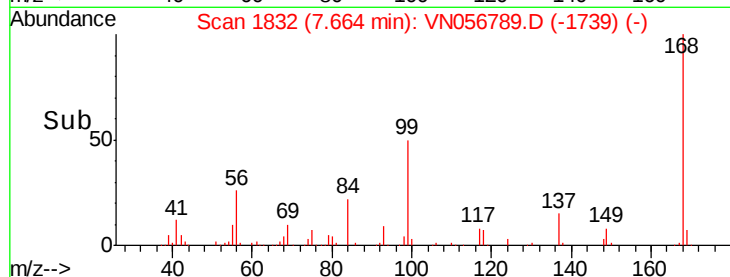
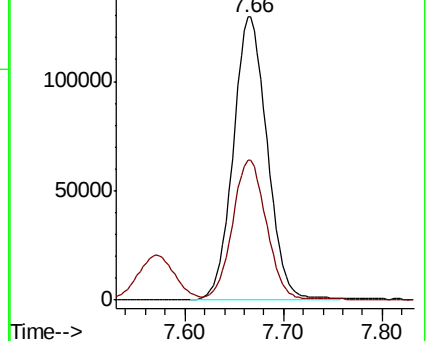
168 100

99 49.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.994 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056789.D

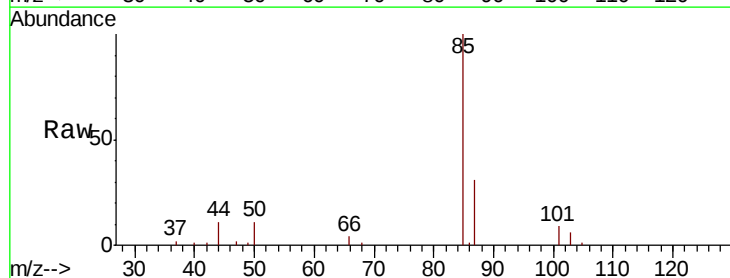
Acq: 17 Jul 2019 12:14

Tgt Ion: 85 Resp: 49549

Ion Ratio Lower Upper

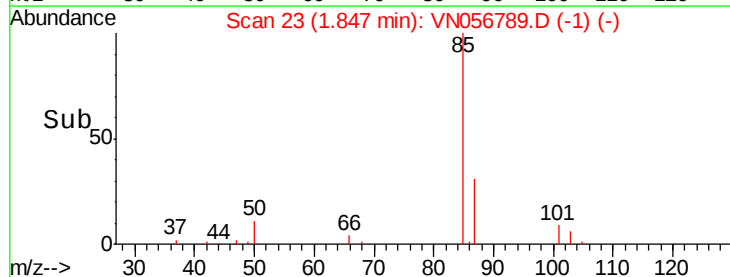
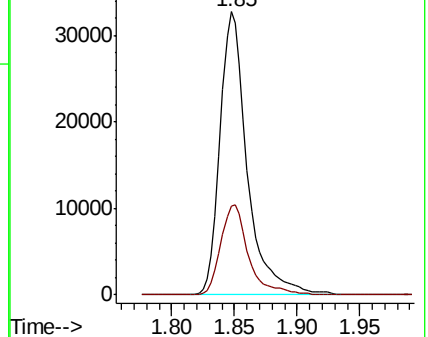
85 100

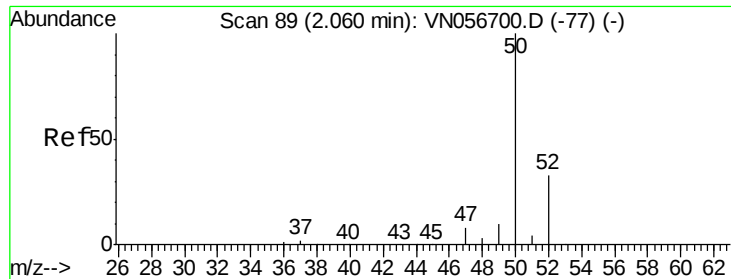
87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.244 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

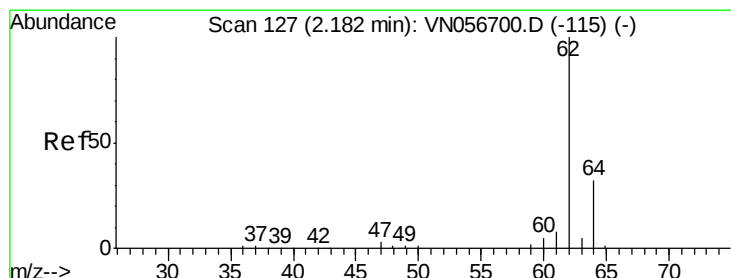
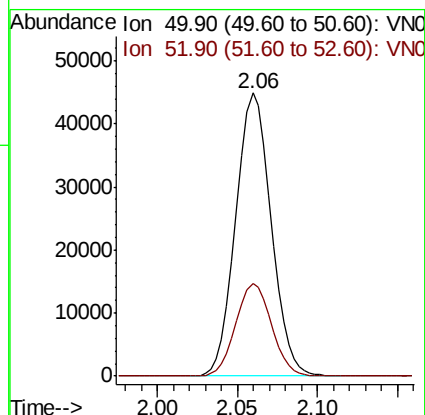
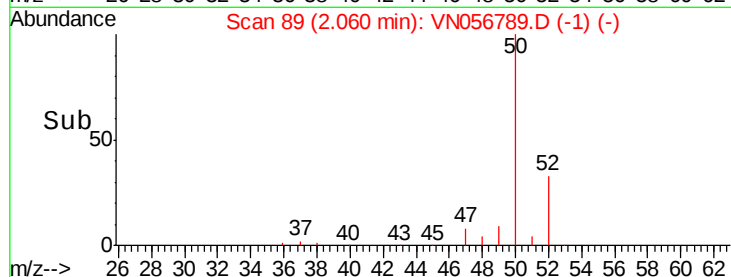
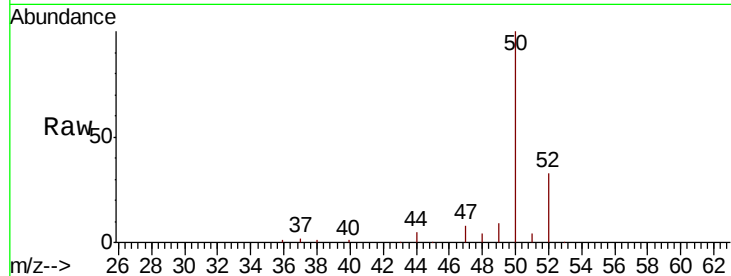
ClientSampled :

Tot Ion: 50 Resp: 67596

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 17.433 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056789.D

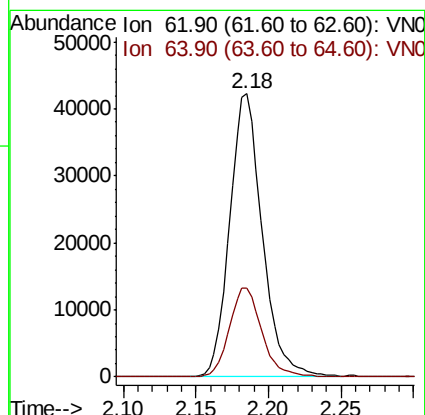
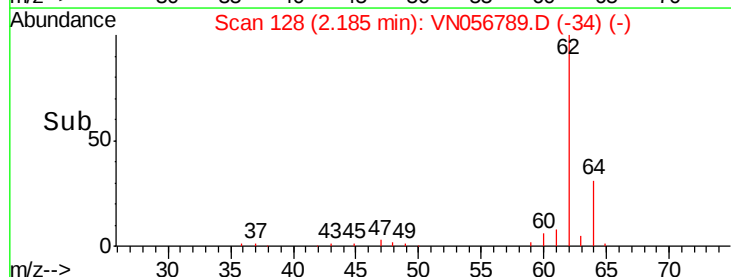
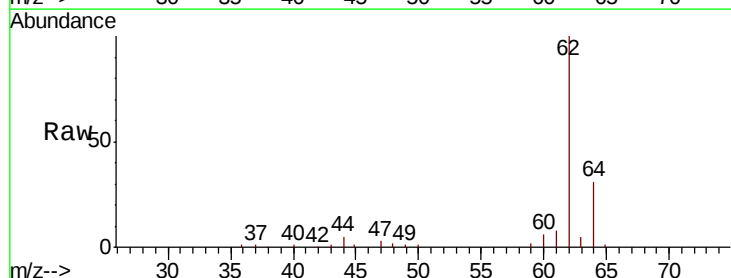
Acq: 17 Jul 2019 12:14

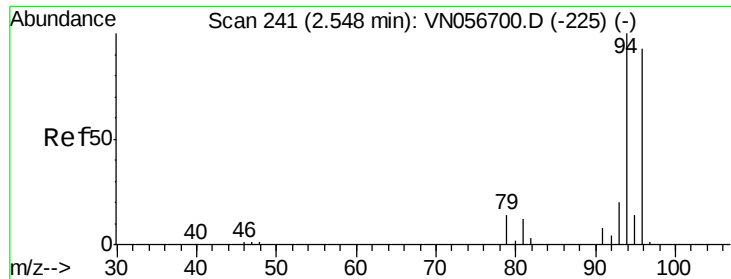
Tgt Ion: 62 Resp: 65806

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 18.316 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.01 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

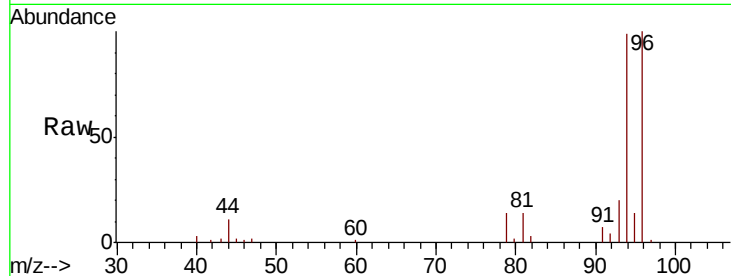
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 40659

Ion Ratio Lower Upper

94 100

96 101.0 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN056789.D (-148) (-)

Ion 95.90 (95.60 to 96.60): VN056789.D (-148) (-)

2.55

20000

15000

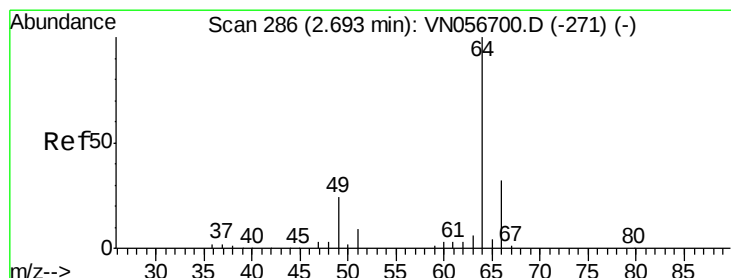
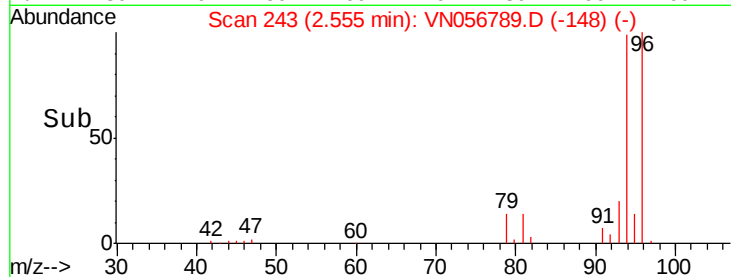
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 17.663 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN056789.D

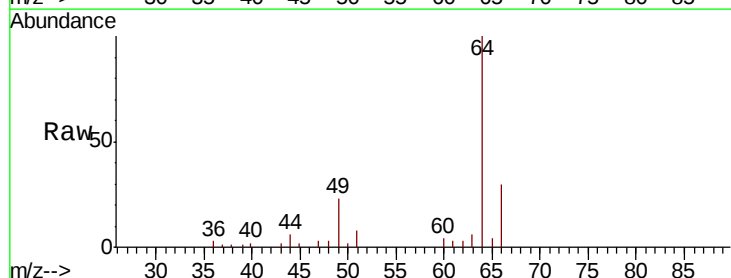
Acq: 17 Jul 2019 12:14

Tgt Ion: 64 Resp: 38854

Ion Ratio Lower Upper

64 100

66 29.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN056789.D (-193) (-)

Ion 65.90 (65.60 to 66.60): VN056789.D (-193) (-)

2.70

20000

15000

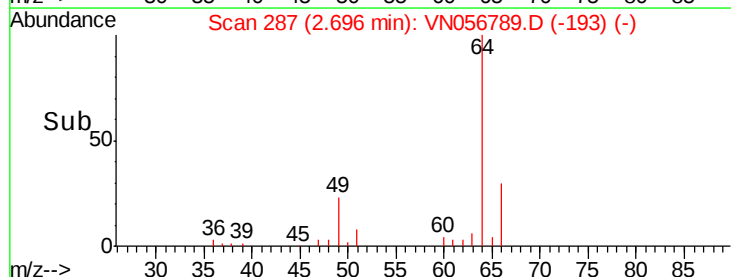
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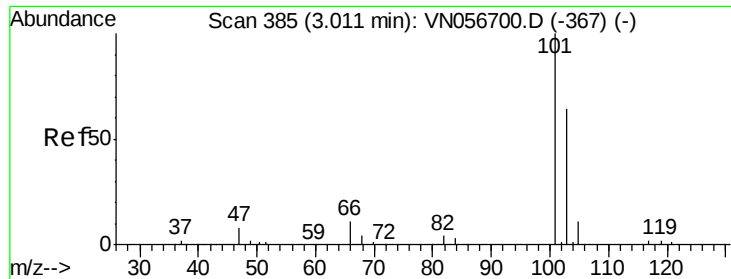
5000

0

Time-->

2.60 2.70 2.80



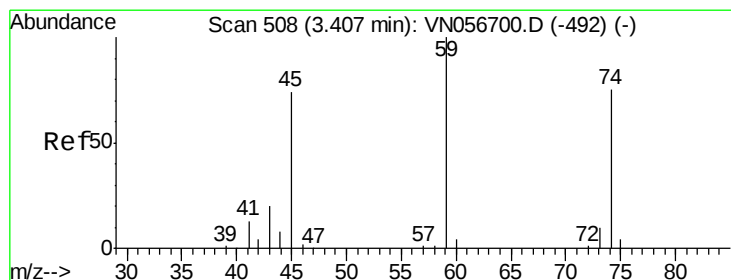
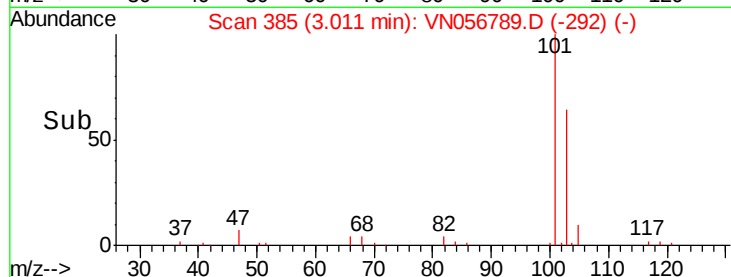
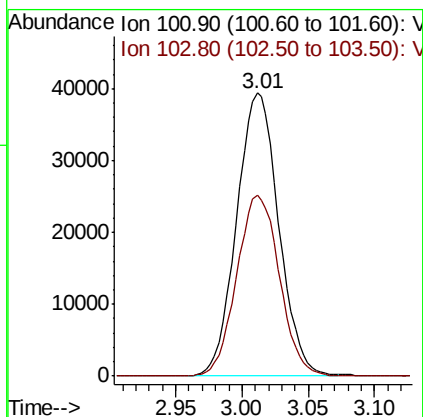
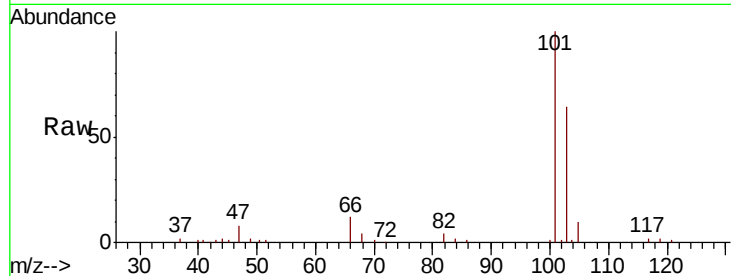


#7

Trichlorofluoromethane
 Concen: 17.918 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Instrument :
 MSVOA_N
 ClientSampled :

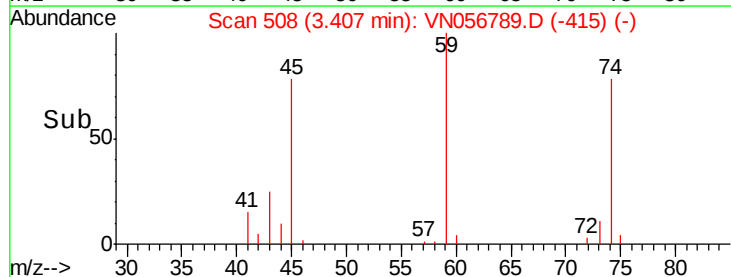
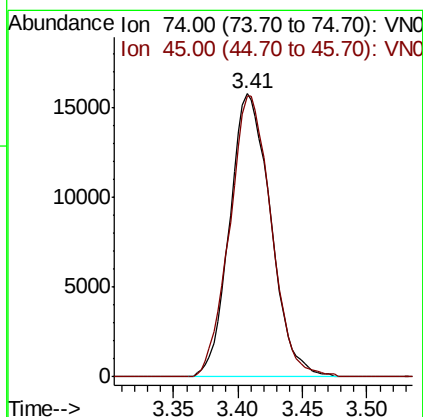
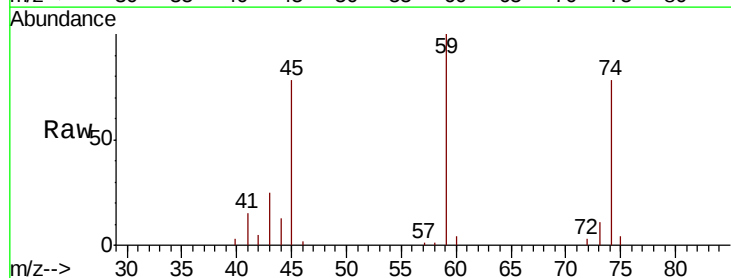
Tot Ion:101 Resp: 86788
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.5 77.3

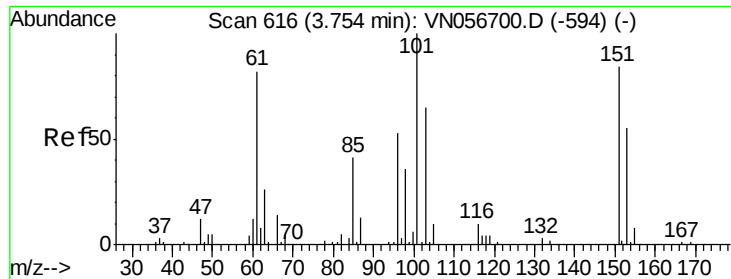


#8

Diethyl Ether
 Concen: 18.460 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Tgt Ion: 74 Resp: 34860
 Ion Ratio Lower Upper
 74 100
 45 100.5 49.4 148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.220 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

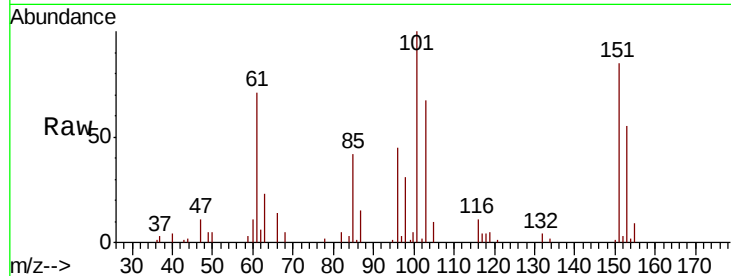
Tot Ion:101 Resp: 53021

Ion Ratio Lower Upper

101 100

85 42.0 33.3 49.9

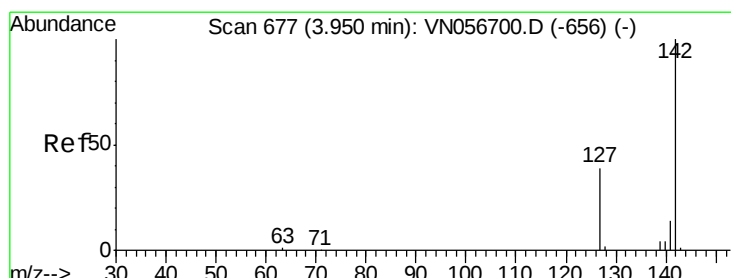
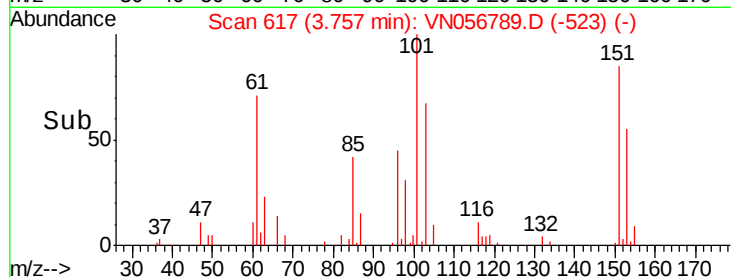
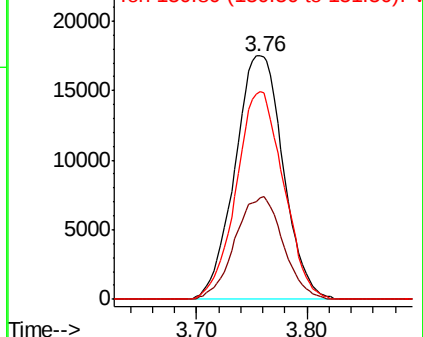
151 83.5 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.797 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

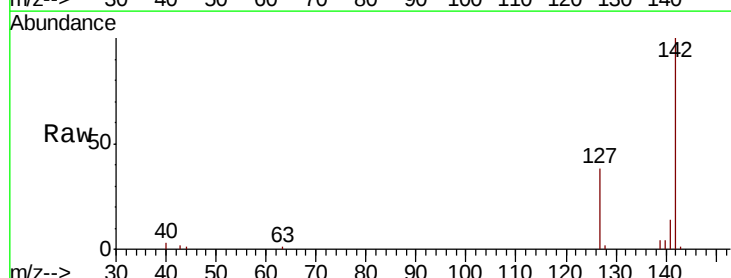
Tgt Ion:142 Resp: 69273

Ion Ratio Lower Upper

142 100

127 39.5 30.7 46.1

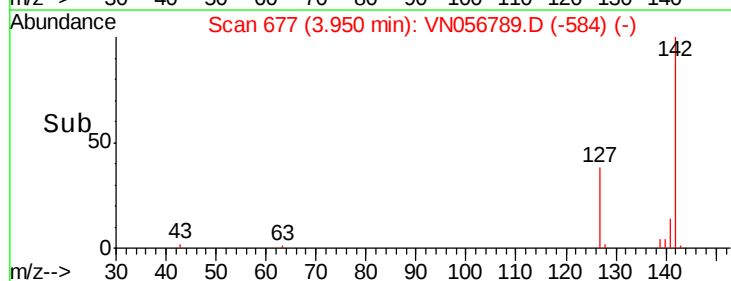
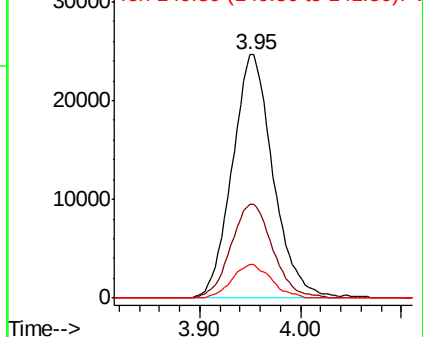
141 13.3 11.3 16.9

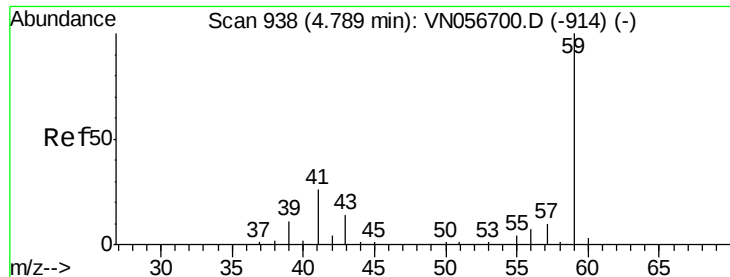


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

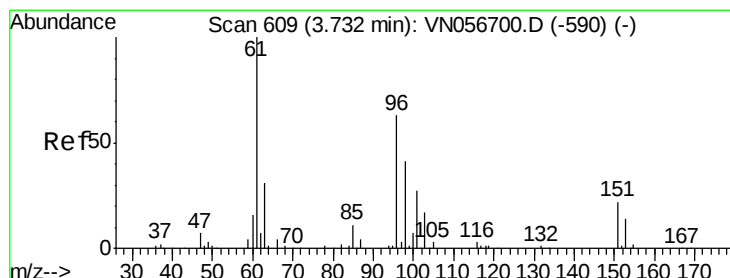
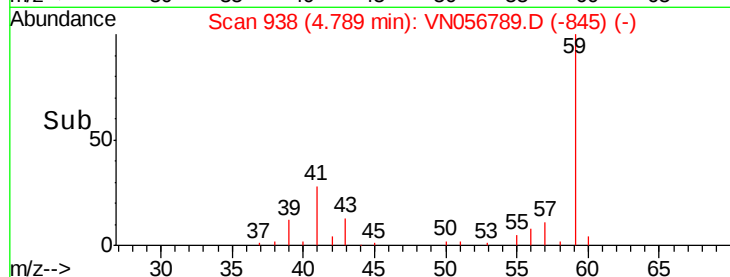
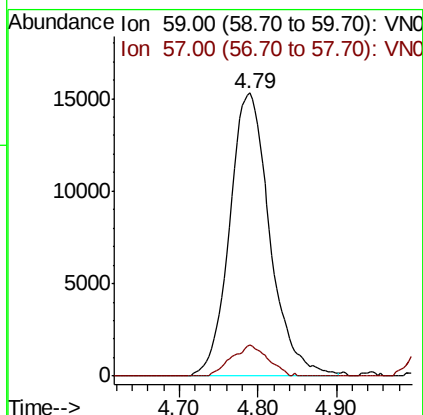
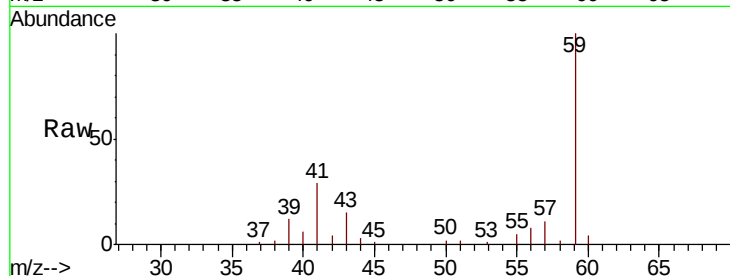




#11
Tert butyl alcohol
Concen: 95.488 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

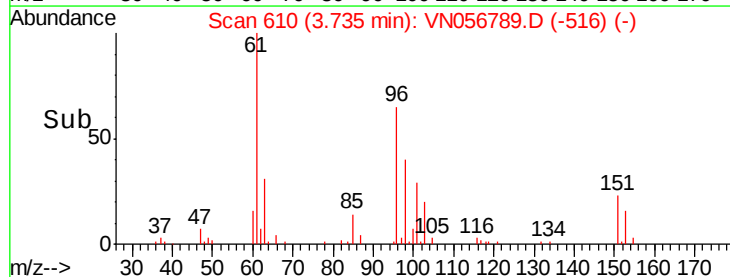
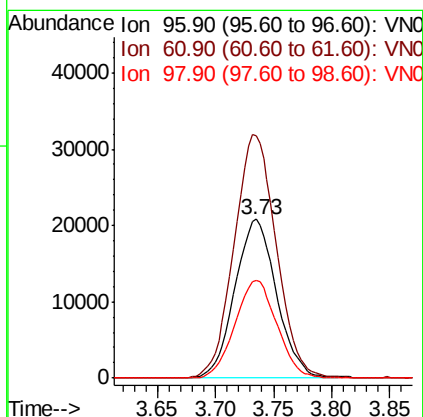
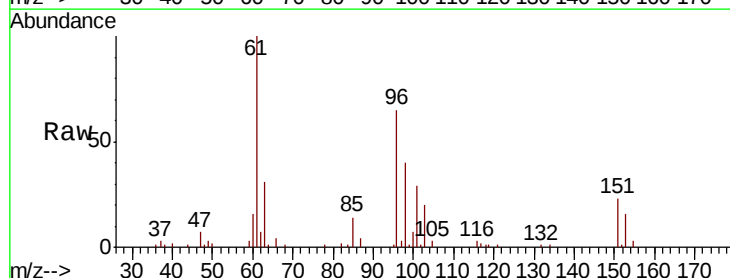
Instrument :
MSVOA_N
ClientSampleId :

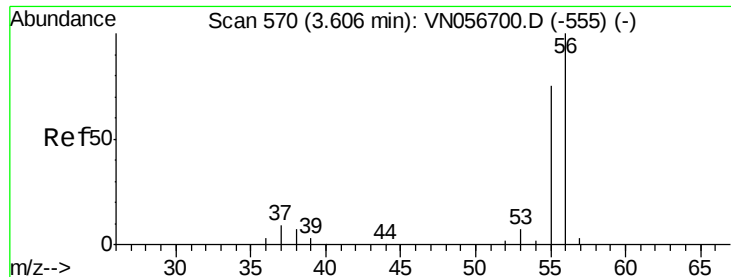
Tot Ion: 59 Resp: 54590
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 17.798 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 96 Resp: 51953
Ion Ratio Lower Upper
96 100
61 152.9 126.6 189.8
98 61.9 51.4 77.2





#13

Acrolein

Concen: 92.149 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

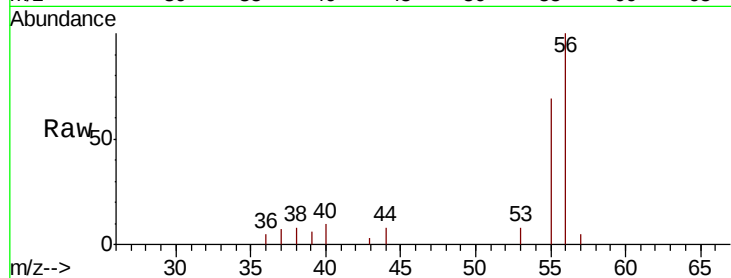
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 16619

Ion Ratio Lower Upper

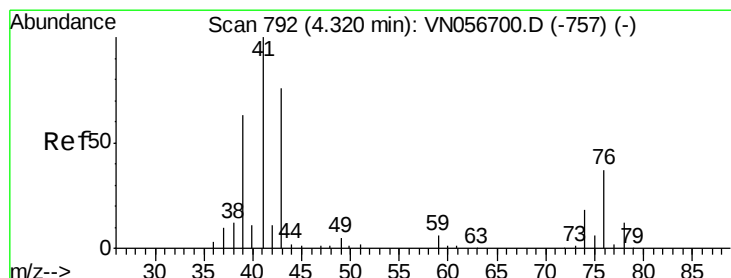
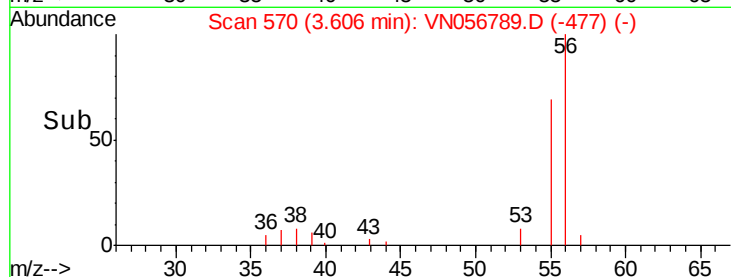
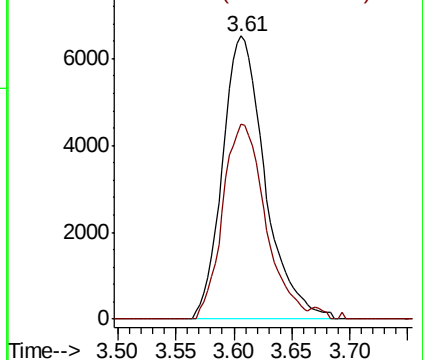
56 100

55 69.0 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.477 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

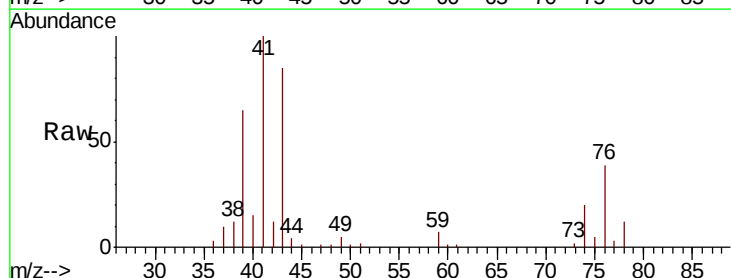
Tgt Ion: 41 Resp: 88222

Ion Ratio Lower Upper

41 100

39 59.9 46.9 70.3

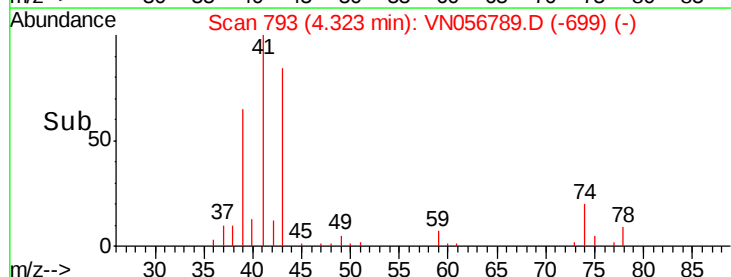
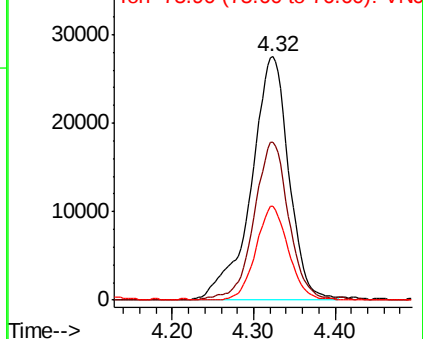
76 33.3 26.5 39.7

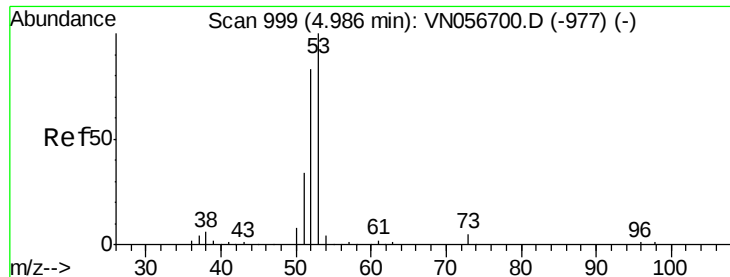


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.761 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampled :

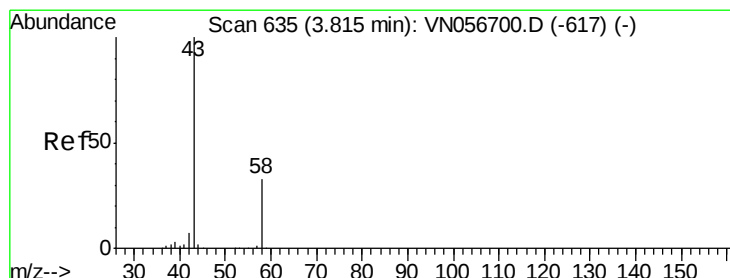
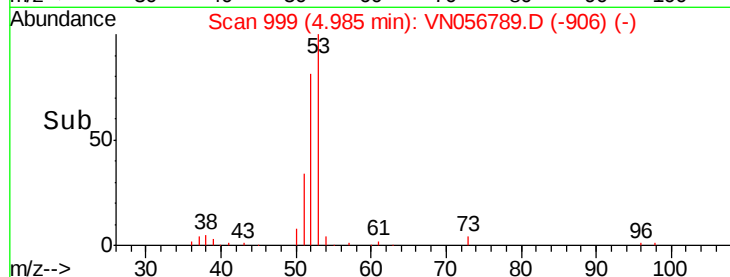
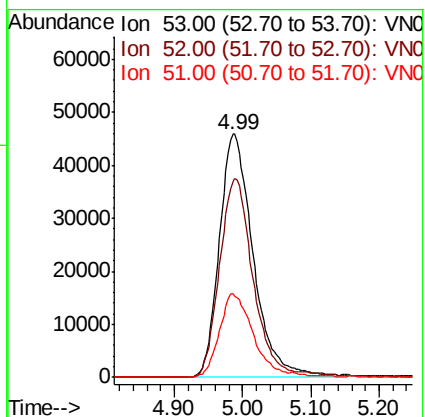
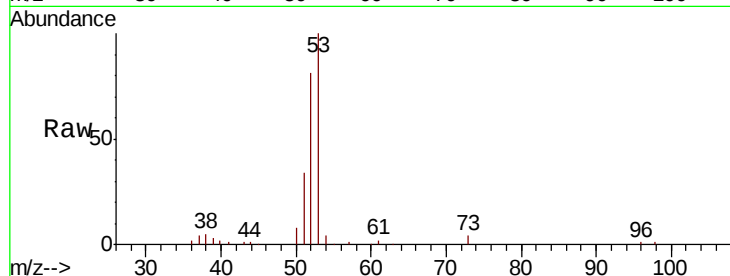
Tot Ion: 53 Resp: 158098

Ion Ratio Lower Upper

53 100

52 80.0 66.6 99.8

51 35.0 28.4 42.6



#16

Acetone

Concen: 83.830 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056789.D

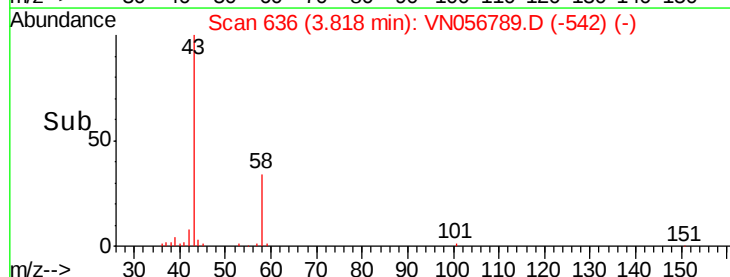
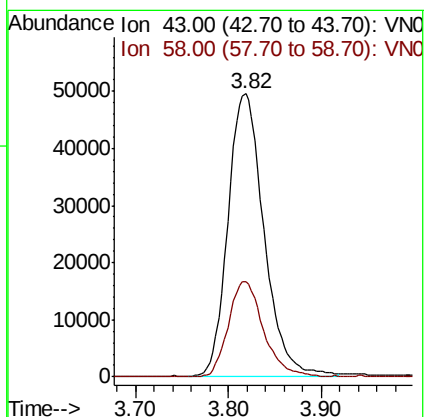
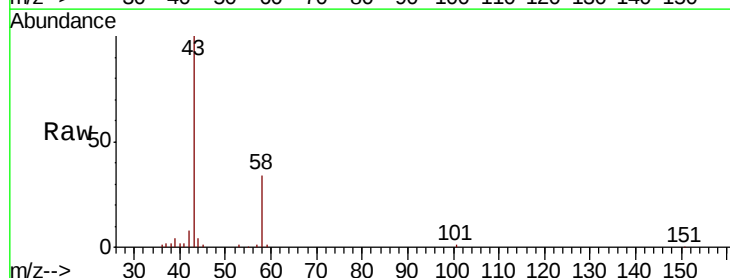
Acq: 17 Jul 2019 12:14

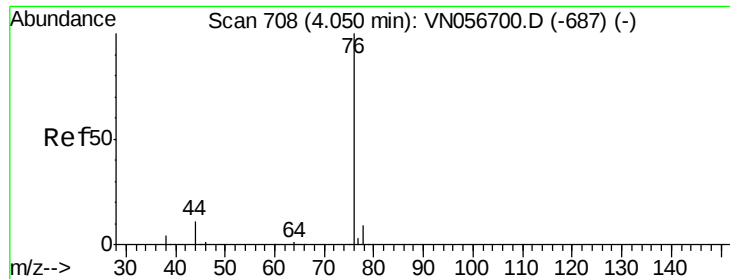
Tgt Ion: 43 Resp: 132684

Ion Ratio Lower Upper

43 100

58 33.8 26.7 40.1

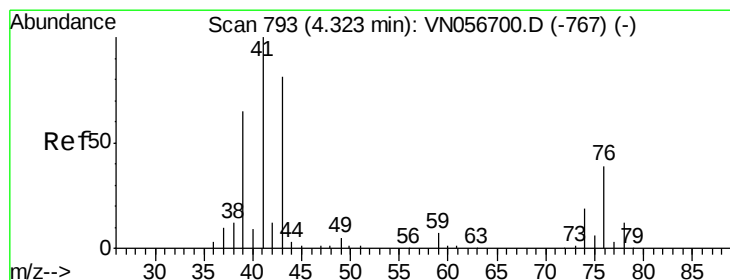
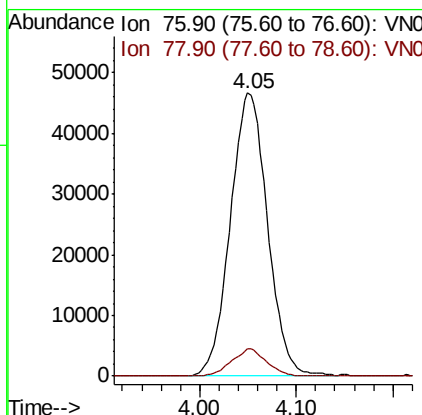
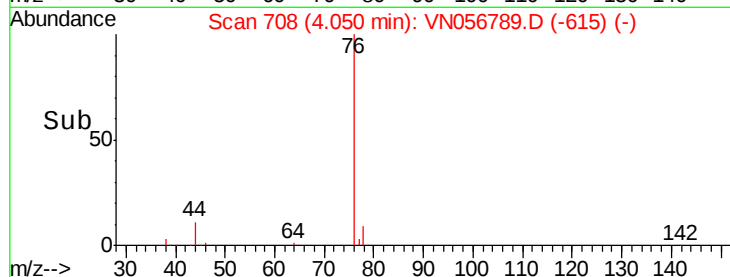
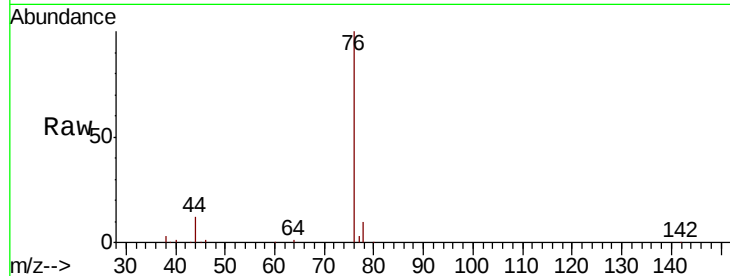




#17
Carbon Disulfide
Concen: 16.173 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

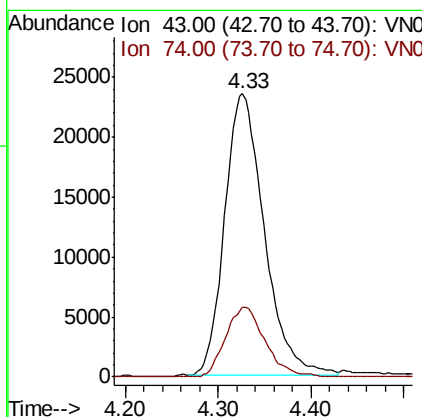
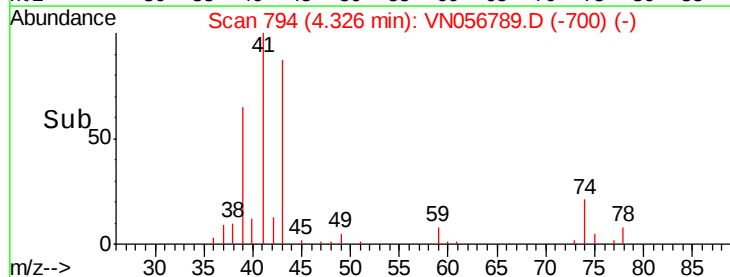
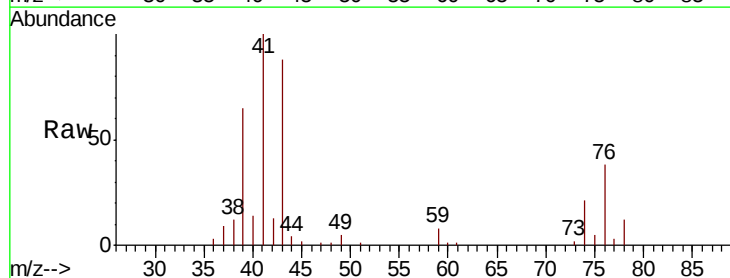
Instrument :
MSVOA_N
ClientSampled :

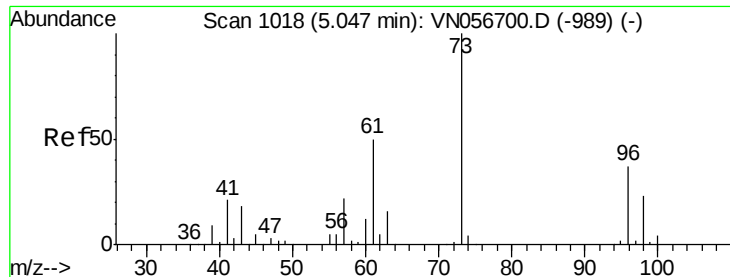
Tot Ion: 76 Resp: 124747
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 18.926 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 43 Resp: 69427
Ion Ratio Lower Upper
43 100
74 24.8 18.9 28.3

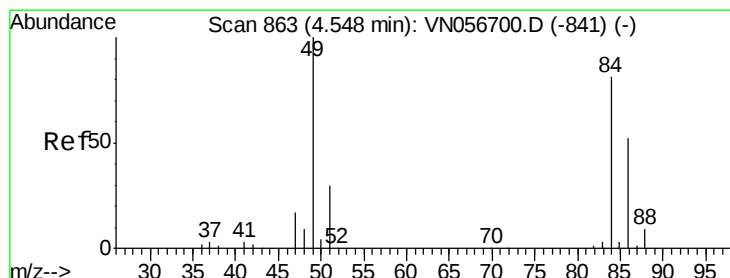
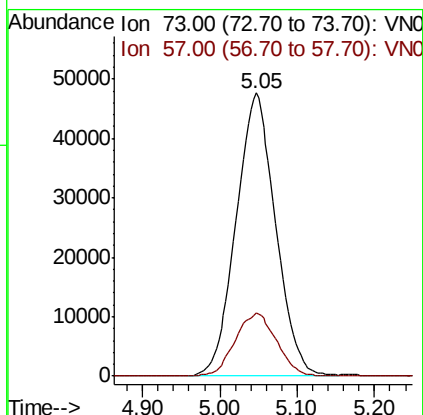
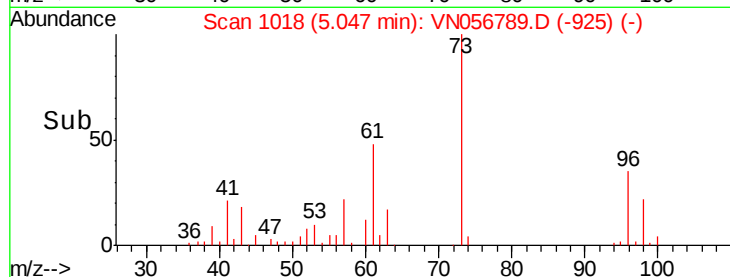
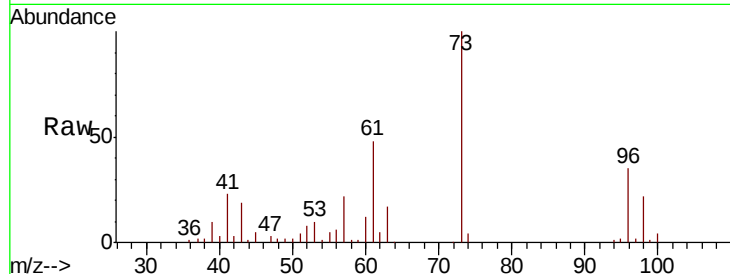




#19
Methvl tert-butvl Ether
Concen: 18.180 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

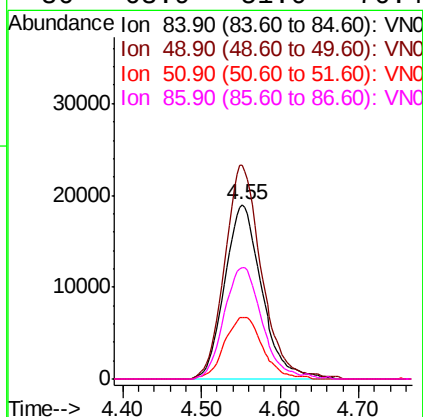
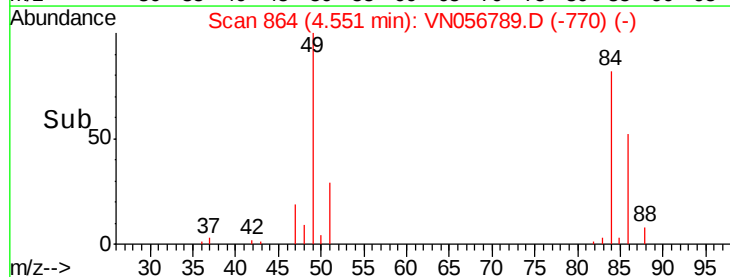
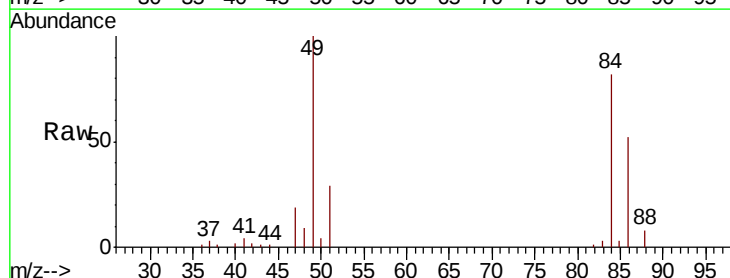
Instrument :
MSVOA_N
ClientSampled :

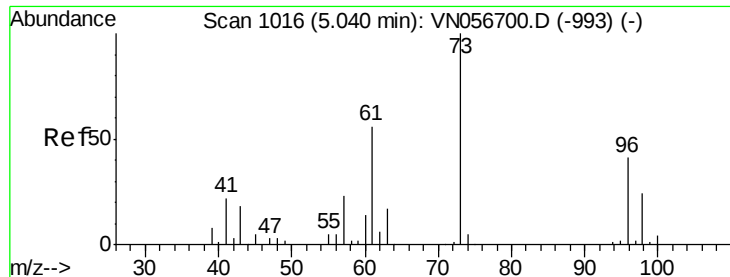
Tot Ion: 73 Resp: 169079
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 17.923 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 84 Resp: 61992
Ion Ratio Lower Upper
84 100
49 122.6 98.2 147.4
51 35.6 29.6 44.4
86 63.9 51.0 76.4

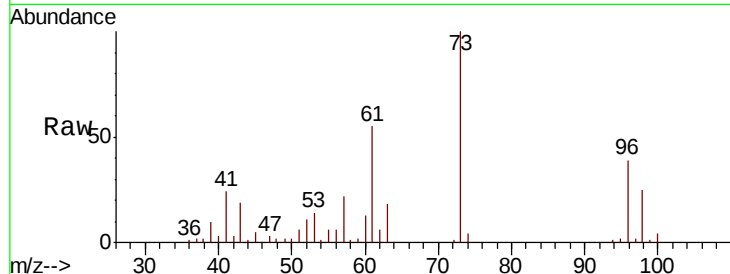




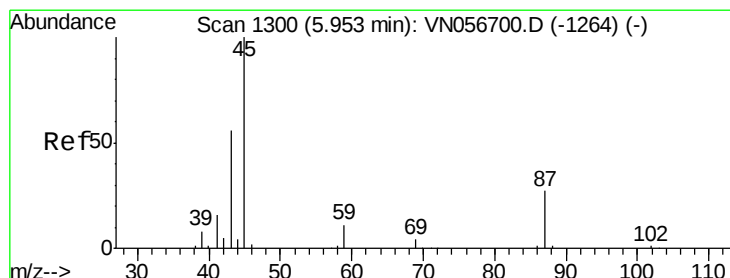
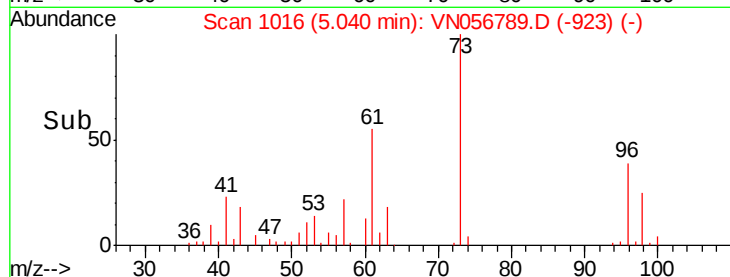
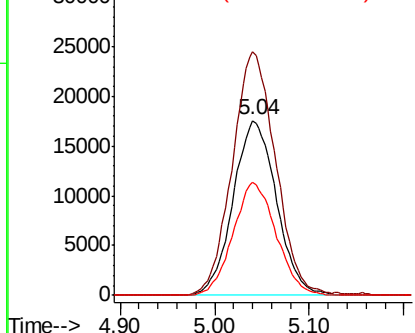
#21
trans-1,2-Dichloroethene
Concen: 18.109 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 55875
Ion Ratio Lower Upper
96 100
61 139.6 109.4 164.2
98 64.6 48.0 72.0

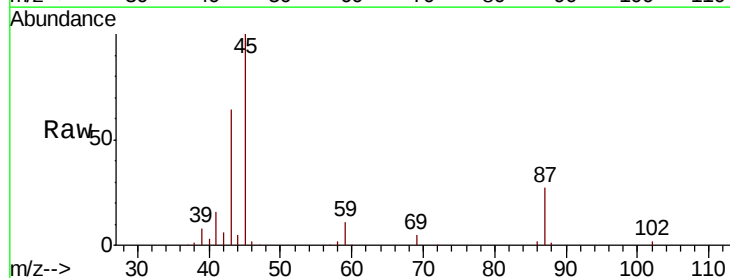


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

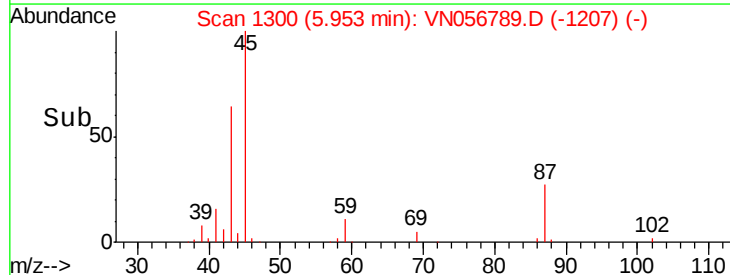
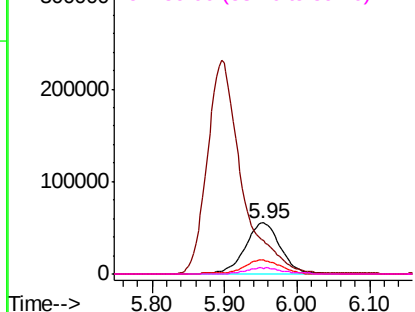


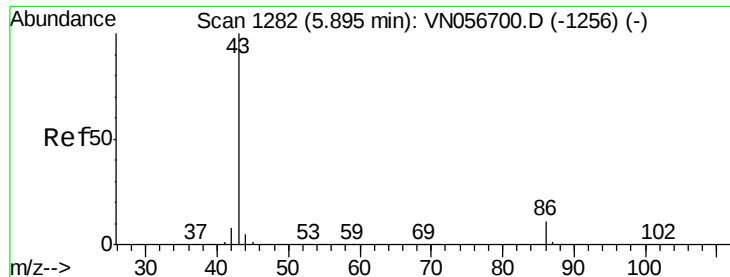
#22
Diisopropyl ether
Concen: 18.803 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 45 Resp: 187352
Ion Ratio Lower Upper
45 100
43 62.0 45.6 68.4
87 26.7 22.0 33.0
59 11.3 9.3 13.9



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

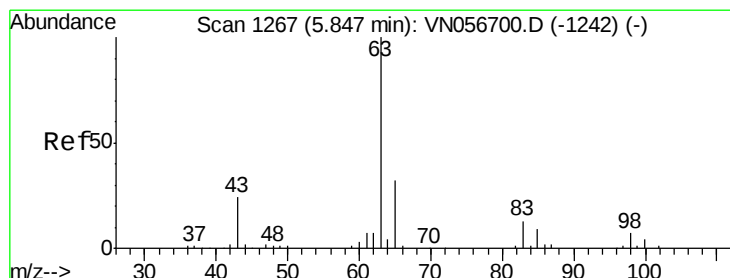
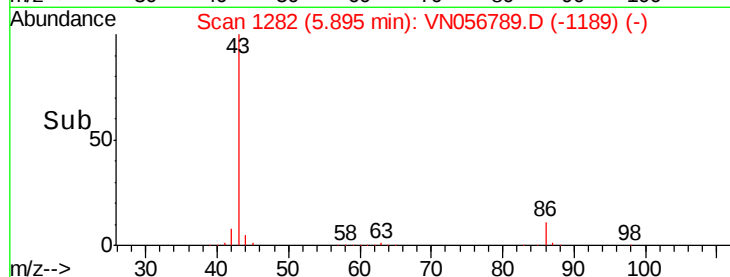
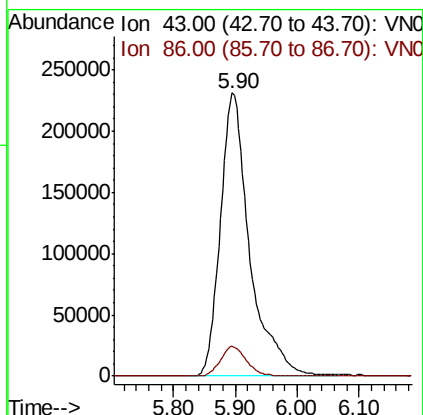
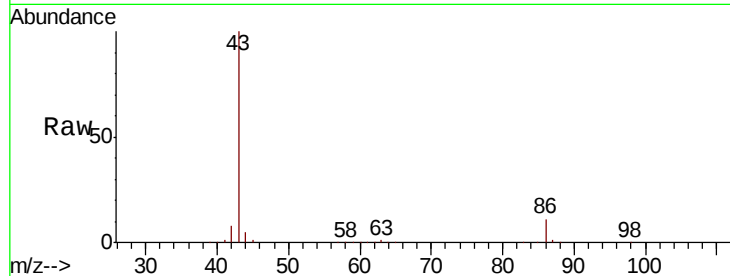




#23
 Vinyl Acetate
 Concen: 94.324 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

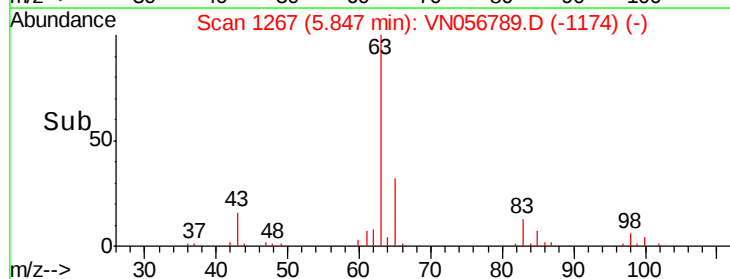
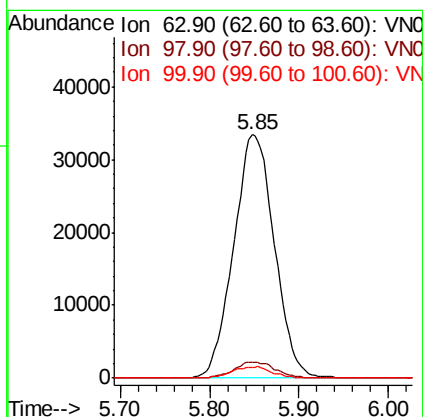
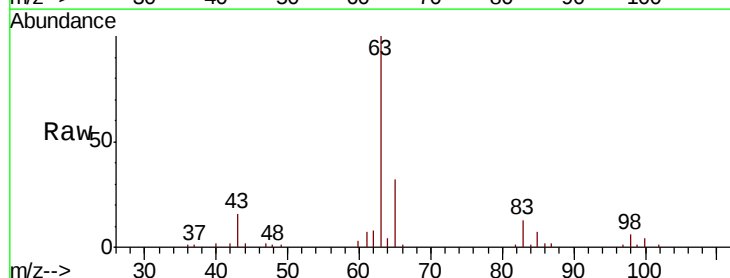
Instrument :
 MSVOA_N
 ClientSampled :

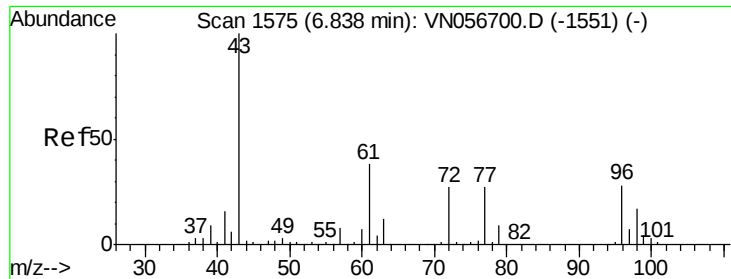
Tot Ion: 43 Resp: 761593
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 18.329 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Tgt Ion: 63 Resp: 105881
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.4 2.0 5.8

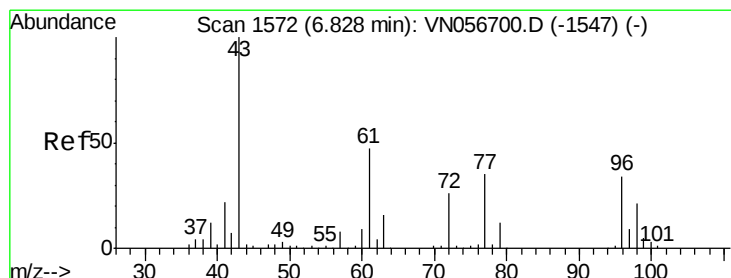
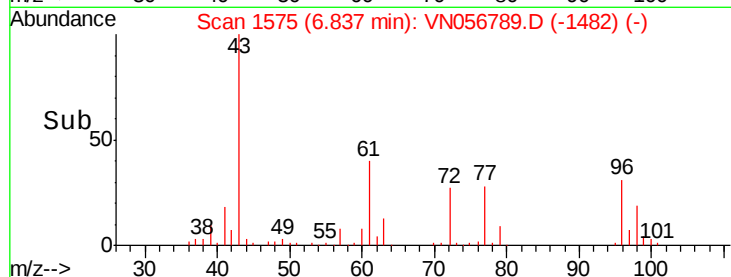
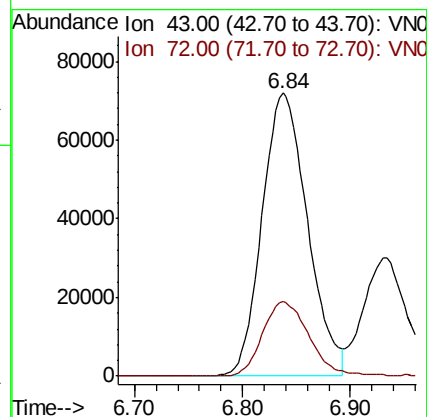
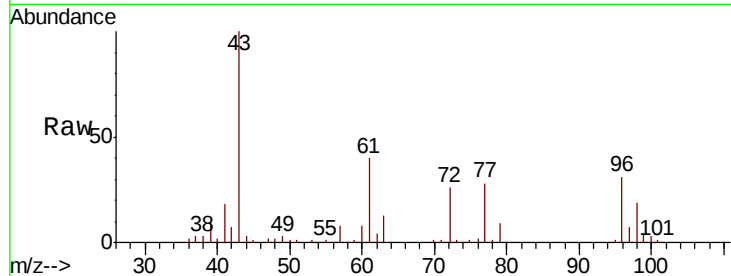




#25
2-Butanone
Concen: 90.800 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

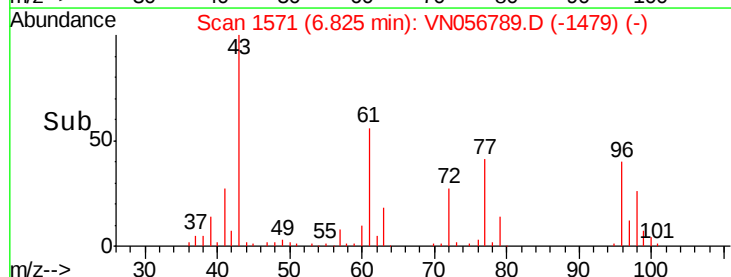
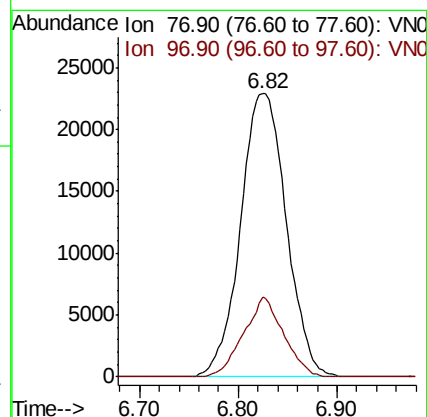
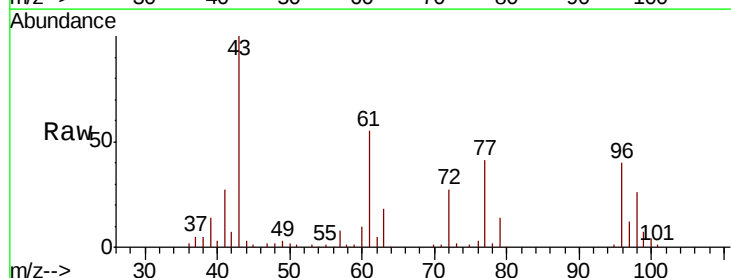
Instrument :
MSVOA_N
ClientSampleId :

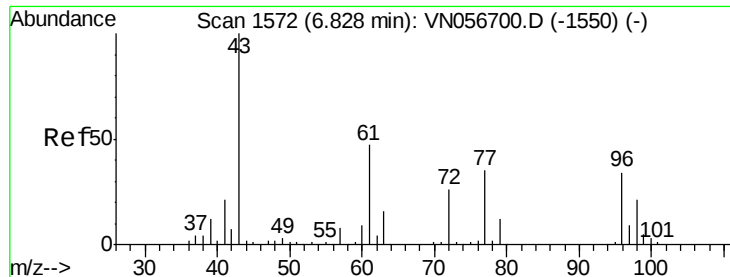
Tot Ion: 43 Resp: 210112
Ion Ratio Lower Upper
43 100
72 26.5 21.2 31.8



#26
2,2-Dichloropropane
Concen: 17.644 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 77 Resp: 73492
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 18.772 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :

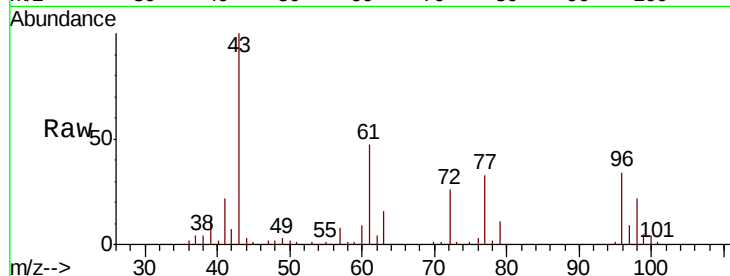
Tot Ion: 96 Resp: 66648

Ion Ratio Lower Upper

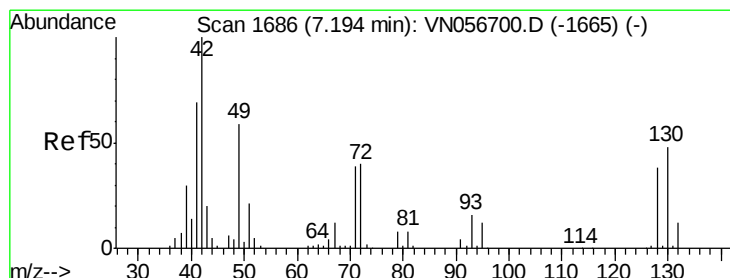
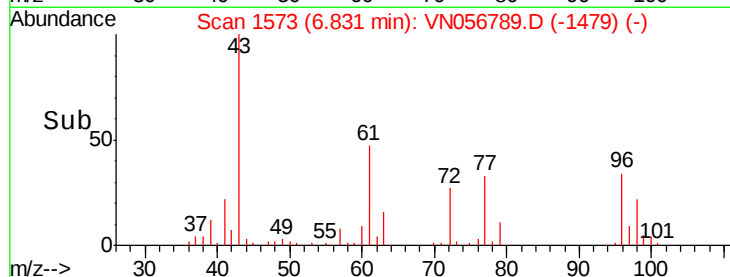
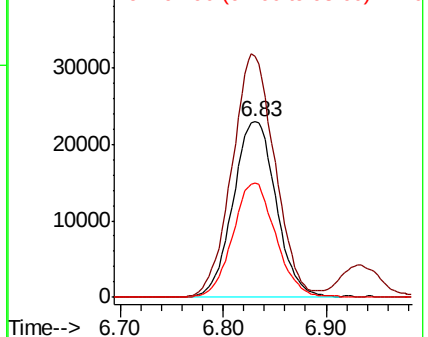
96 100

61 138.3 0.0 281.4

98 65.0 0.0 127.8



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



#28

Bromochloromethane

Concen: 21.476 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

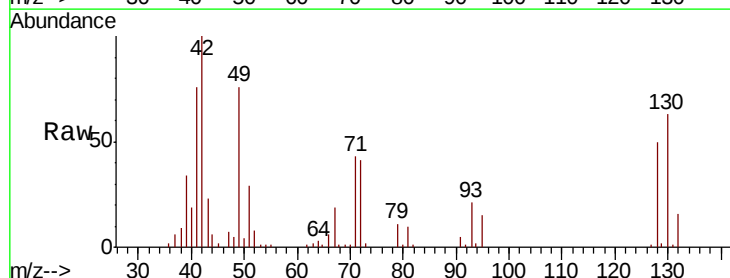
Tgt Ion: 49 Resp: 58332

Ion Ratio Lower Upper

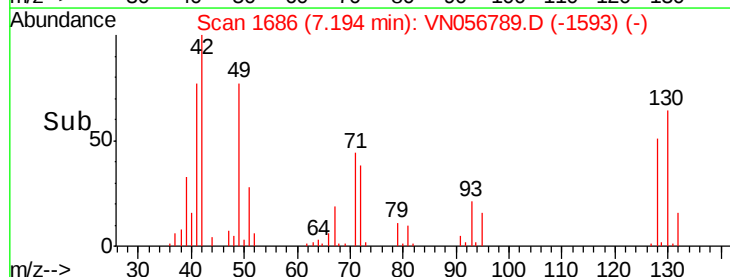
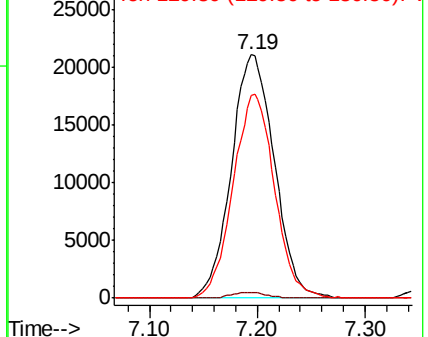
49 100

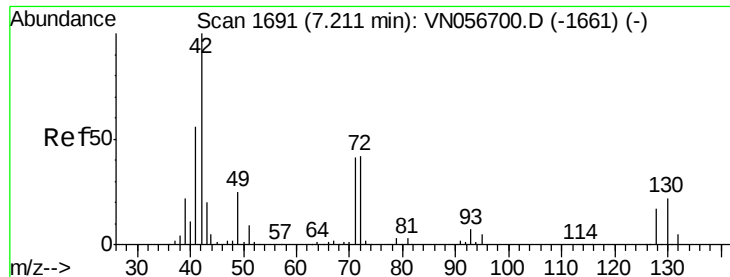
129 1.1 0.0 4.0

130 80.9 64.7 97.1



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

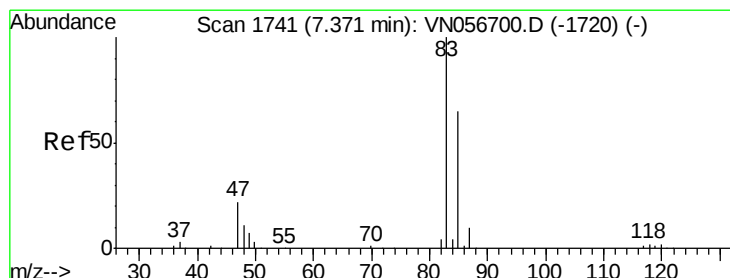
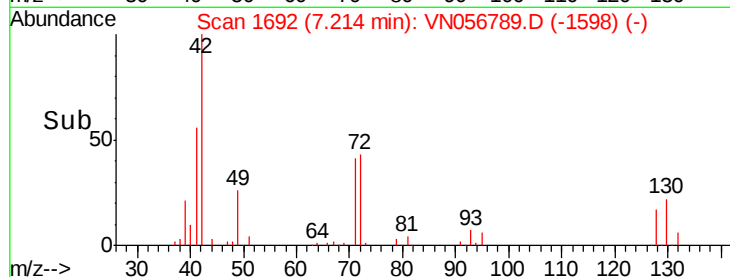
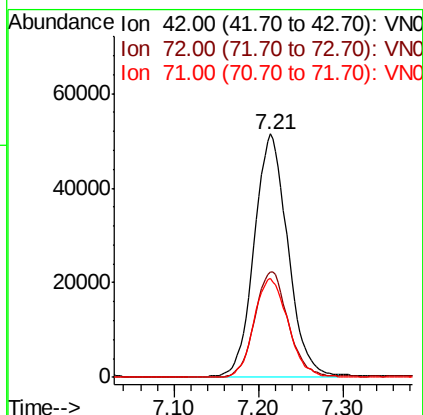
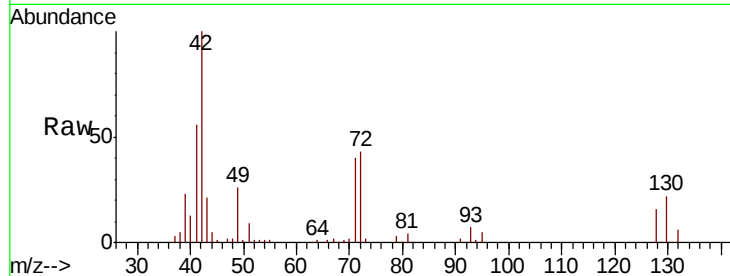




#29
Tetrahydrofuran
Concen: 94.987 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

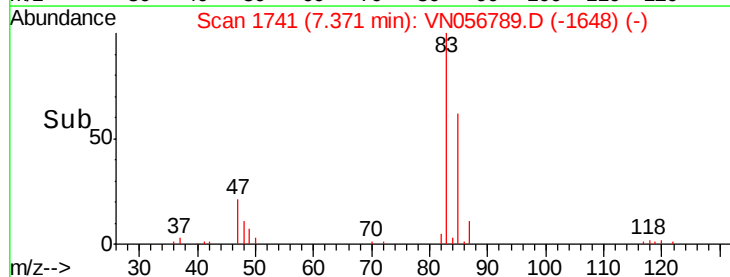
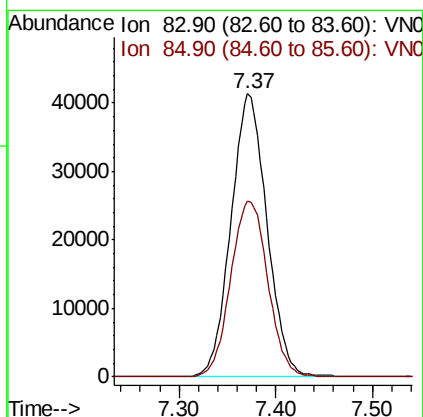
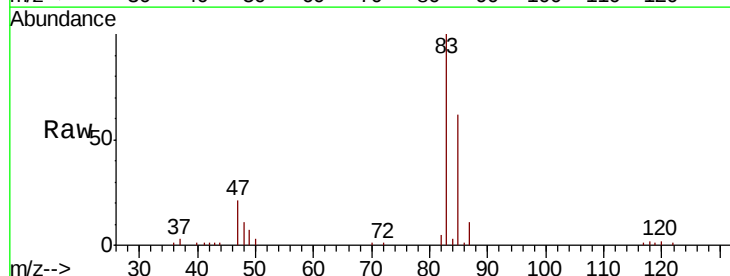
Instrument :
MSVOA_N
ClientSampled :

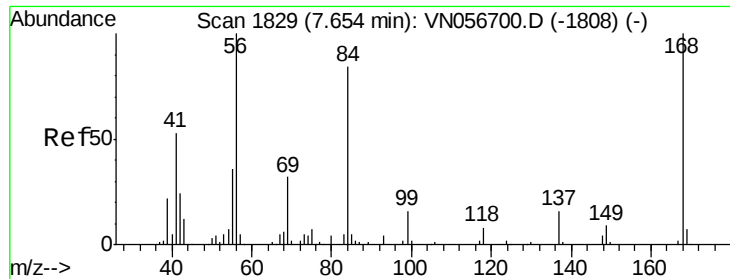
Tot Ion: 42 Resp: 143361
Ion Ratio Lower Upper
42 100
72 43.0 33.5 50.3
71 41.0 31.8 47.8



#30
Chloroform
Concen: 18.499 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 83 Resp: 106942
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9

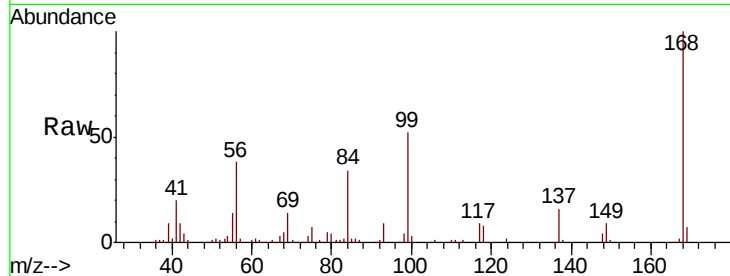




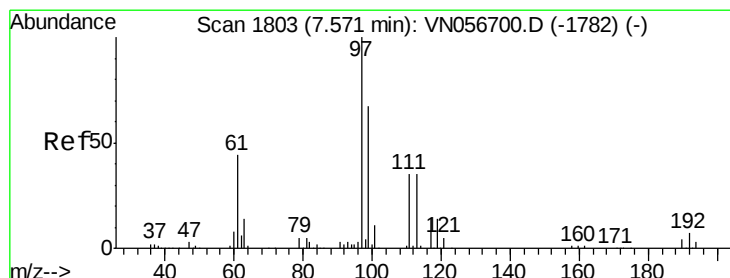
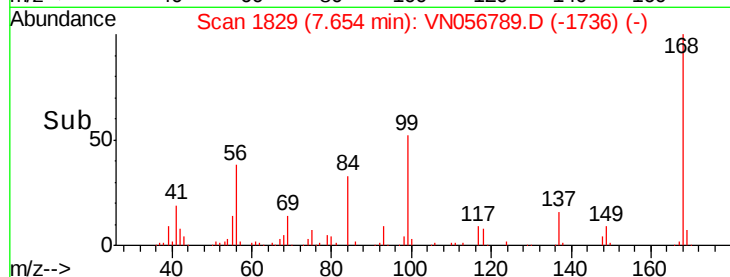
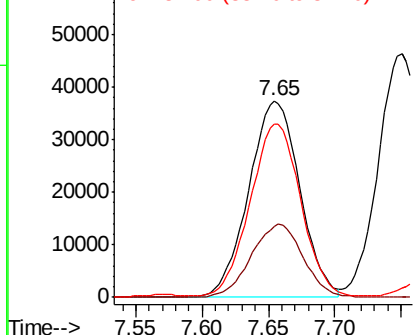
#31
Cyclohexane
Concen: 18.265 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 100286
Ion Ratio Lower Upper
56 100
69 35.9 25.8 38.8
84 87.4 67.4 101.0

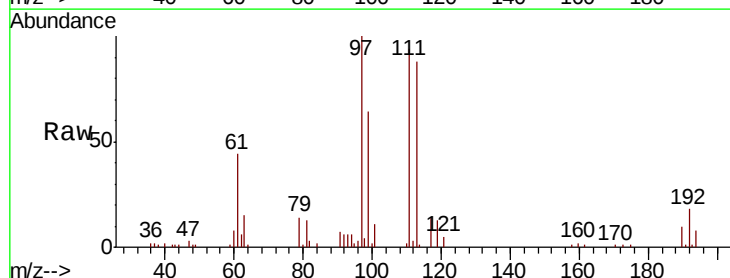


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

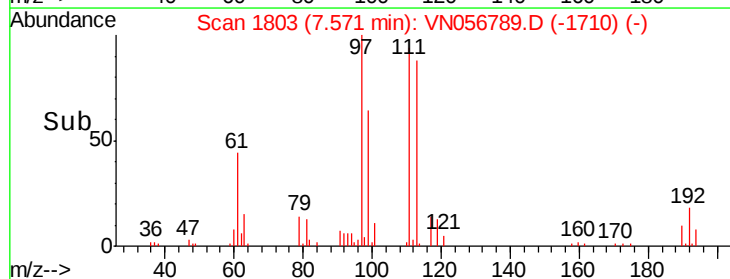
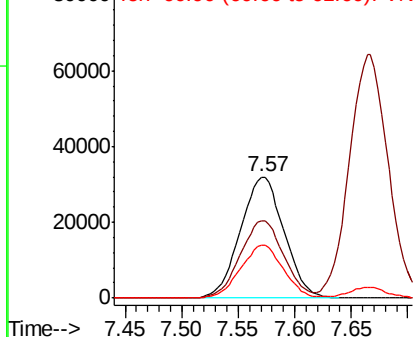


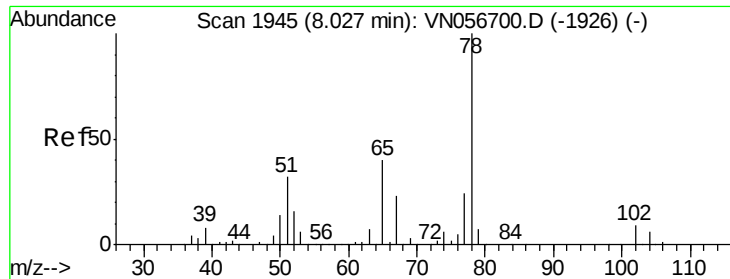
#32
1,1,1-Trichloroethane
Concen: 18.698 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 97 Resp: 85482
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 42.8 34.3 51.5



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

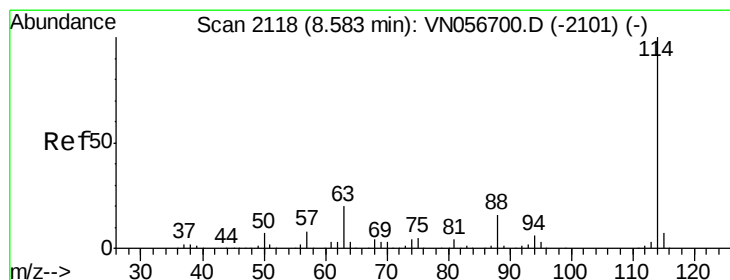
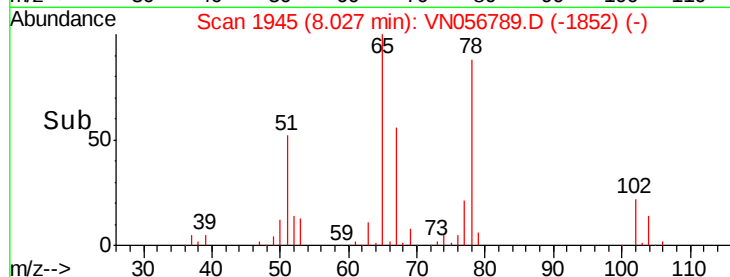
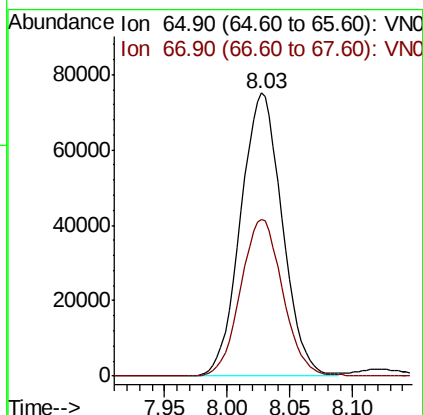
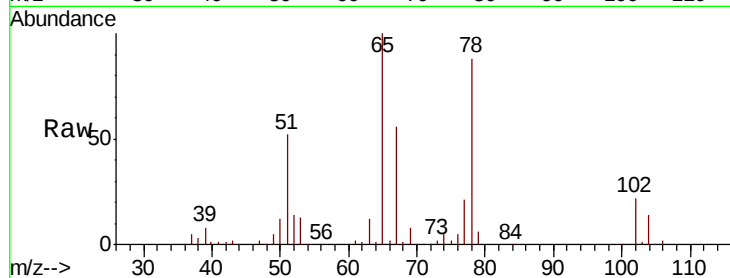




#33
 1,2-Dichloroethane-d4
 Concen: 50.476 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

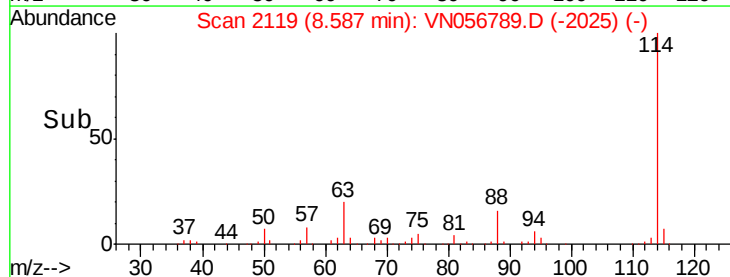
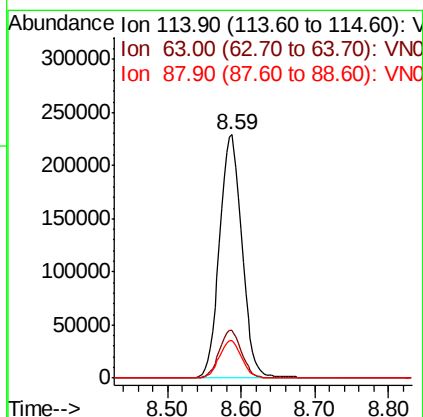
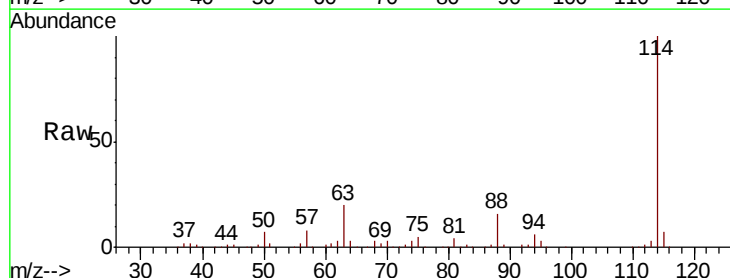
Instrument :
 MSVOA_N
 ClientSampled :

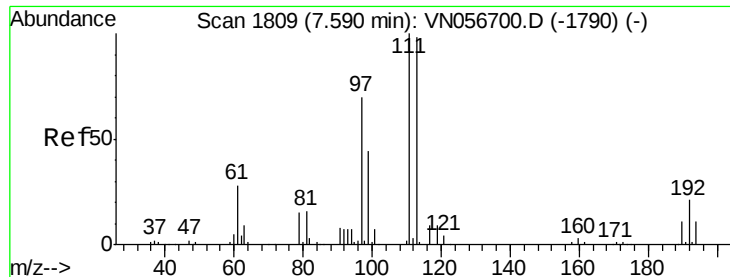
Tot Ion: 65 Resp: 173365
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Tgt Ion: 114 Resp: 486691
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.626 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :

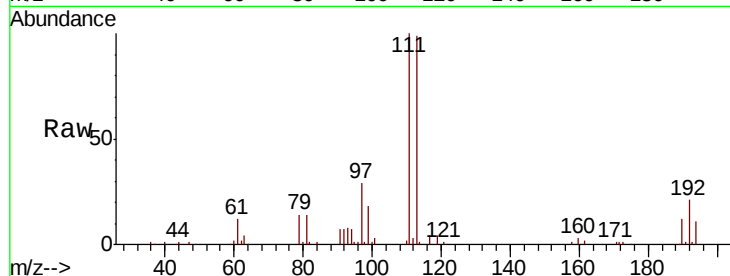
Tot Ion:113 Resp: 156363

Ion Ratio Lower Upper

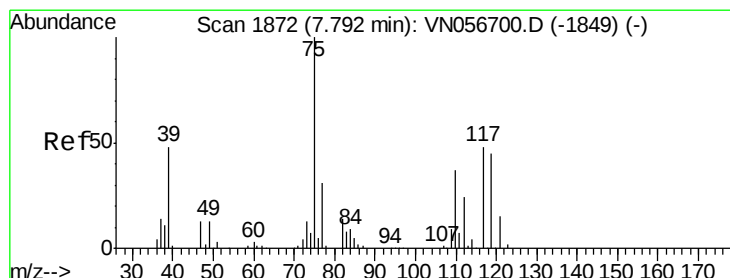
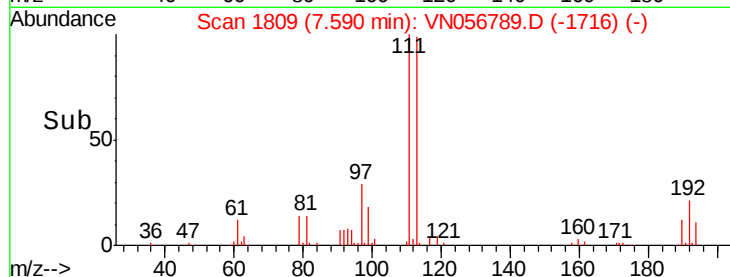
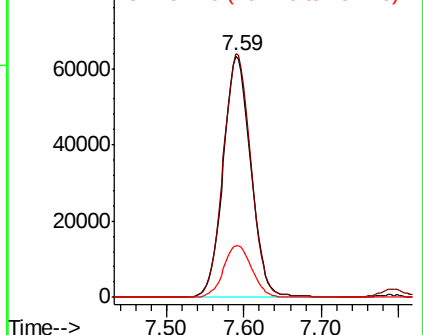
113 100

111 101.6 81.8 122.6

192 22.0 17.5 26.3



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: 17.396 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

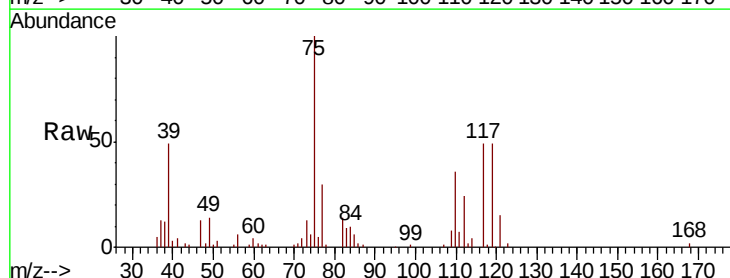
Tgt Ion: 75 Resp: 78345

Ion Ratio Lower Upper

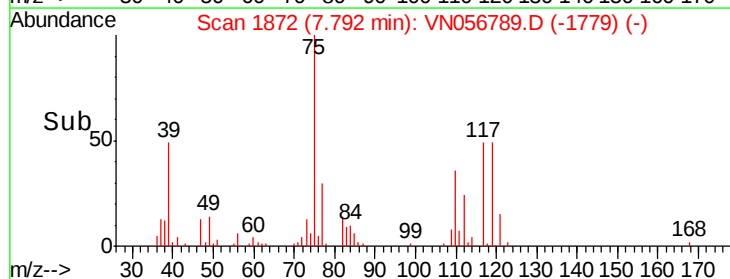
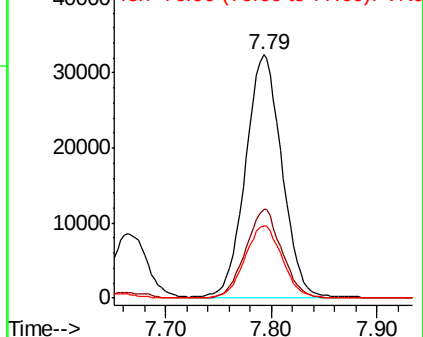
75 100

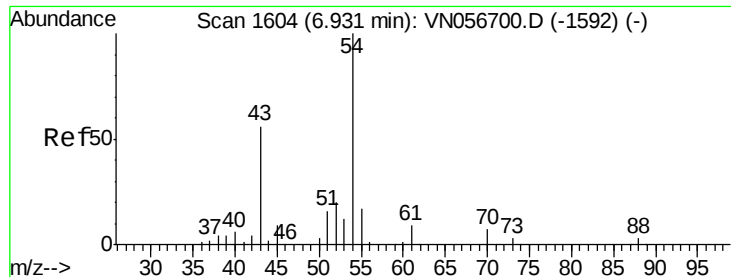
110 35.7 18.4 55.4

77 30.2 24.6 36.8



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

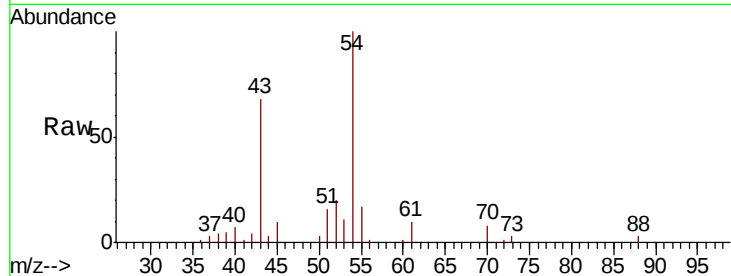




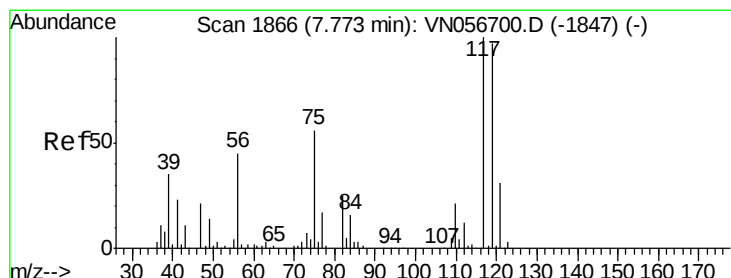
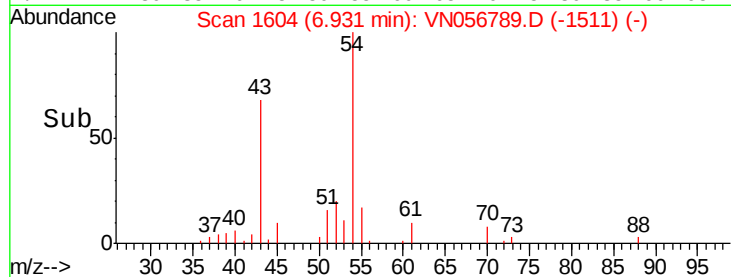
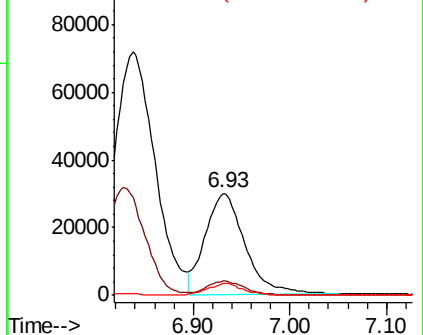
#37
Ethyl Acetate
Concen: 19.172 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 85100
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 10.5 8.5 12.7

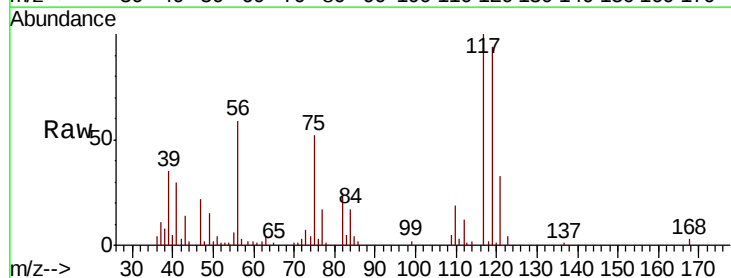


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

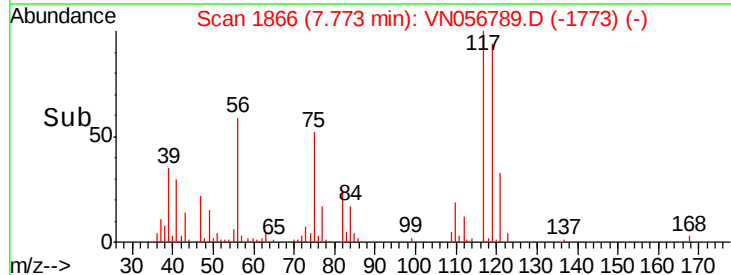
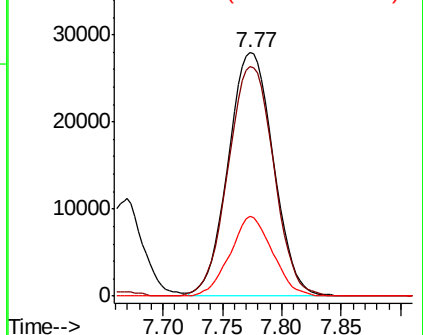


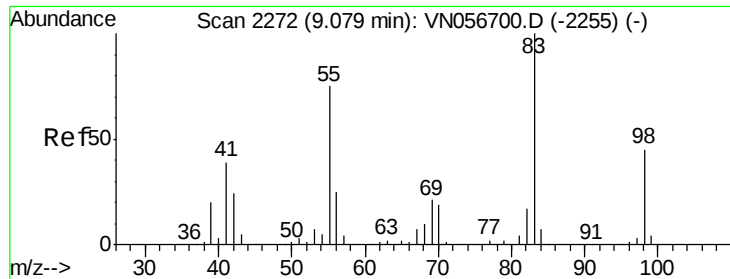
#38
Carbon Tetrachloride
Concen: 17.436 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 117 Resp: 73642
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 32.8 24.7 37.1



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

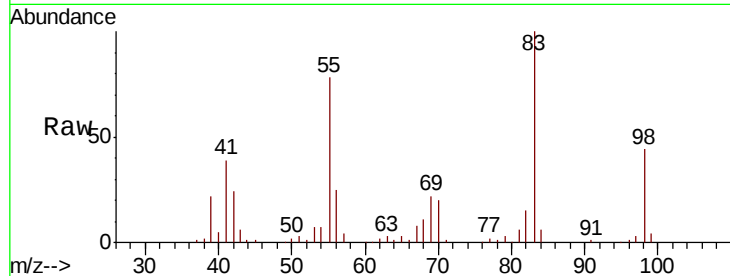




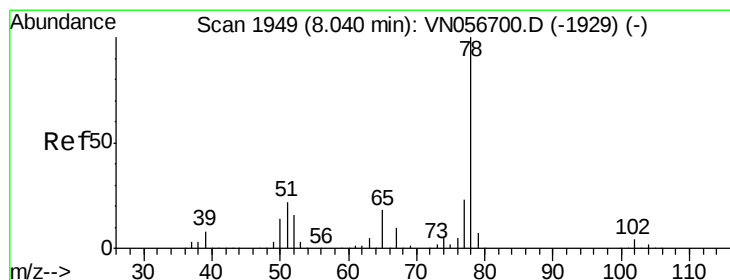
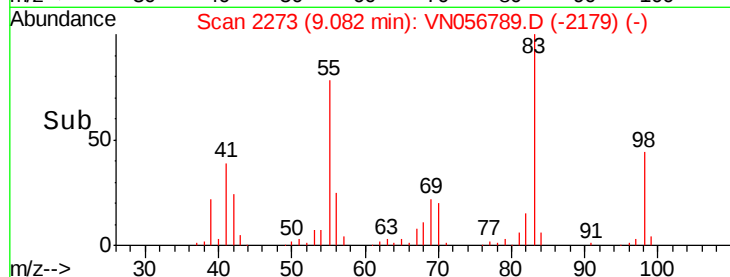
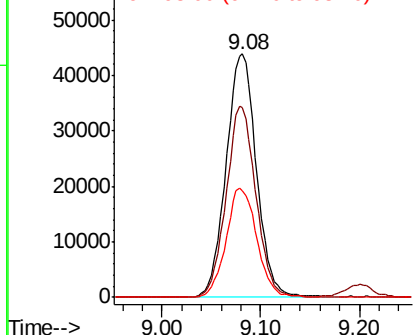
#39
Methvlcvclohexane
Concen: 16.936 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 94180
Ion Ratio Lower Upper
83 100
55 78.0 60.4 90.6
98 43.7 35.8 53.8

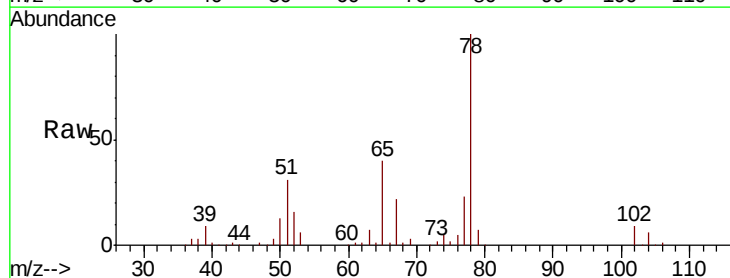


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

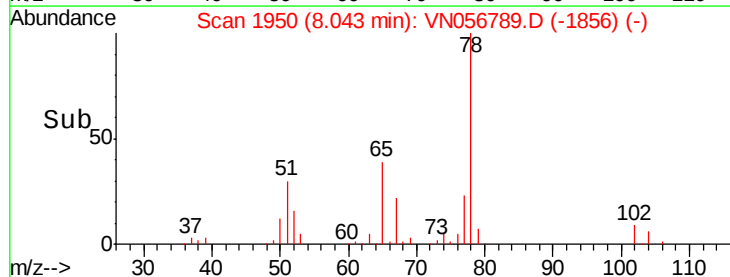
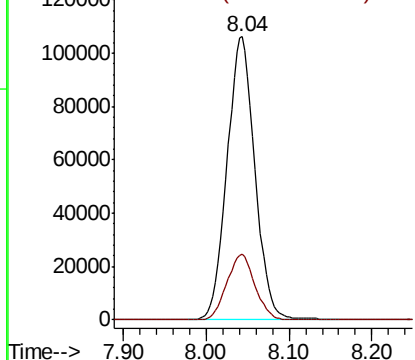


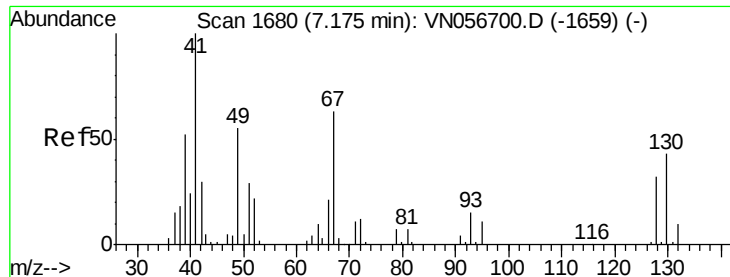
#40
Benzene
Concen: 17.994 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 78 Resp: 248308
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8



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

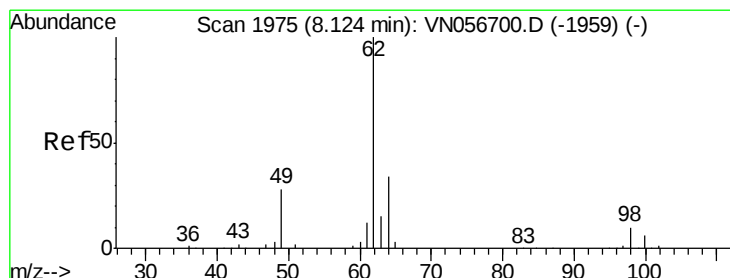
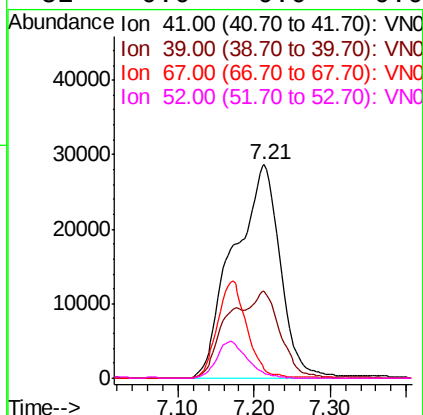
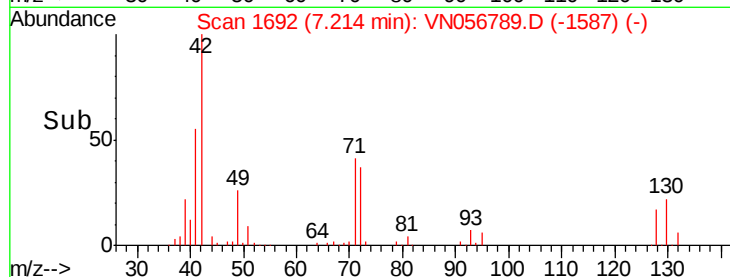
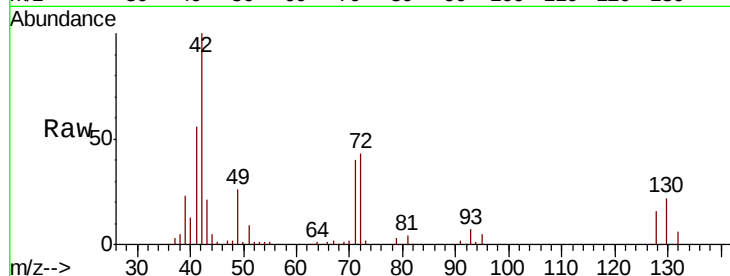




#41
Methacrylonitrile
Concen: 62.623 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

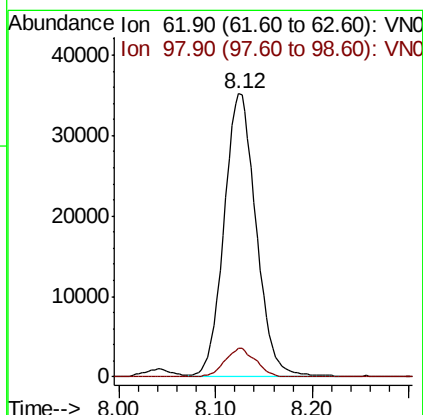
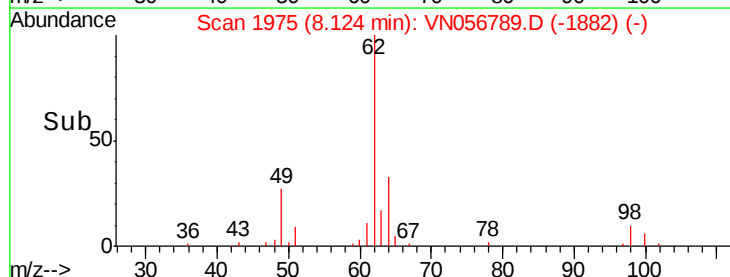
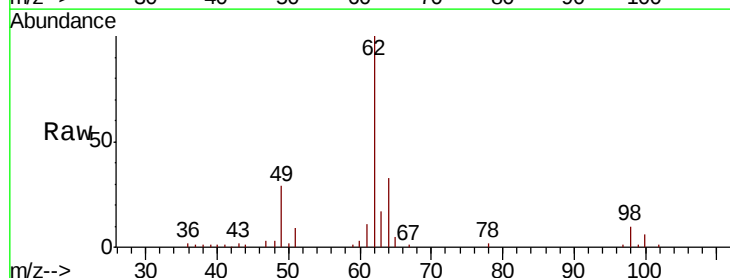
Instrument :
MSVOA_N
ClientSampled :

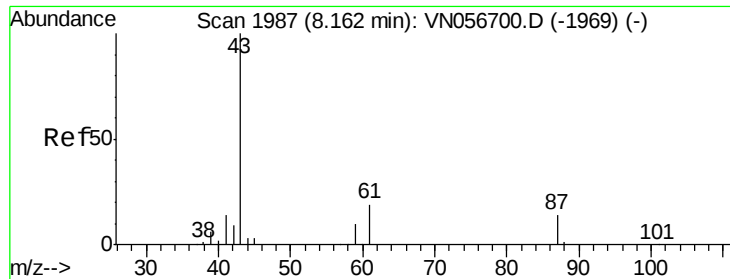
Tot Ion:	41	Resp:	122100
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.609 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion:	62	Resp:	81159
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.369 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

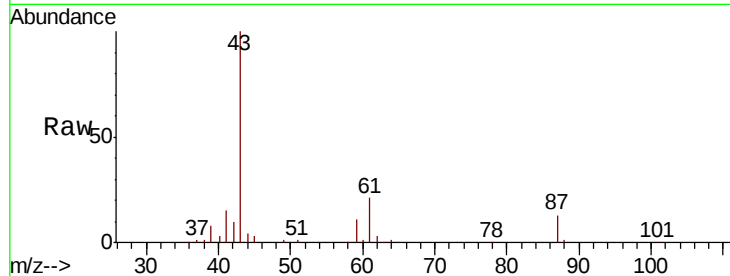
Tot Ion: 43 Resp: 128184

Ion Ratio Lower Upper

43 100

61 27.7 22.3 33.5

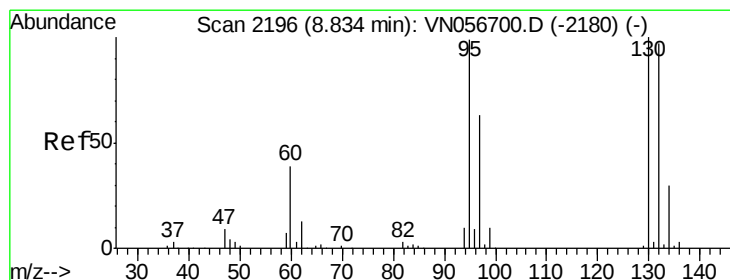
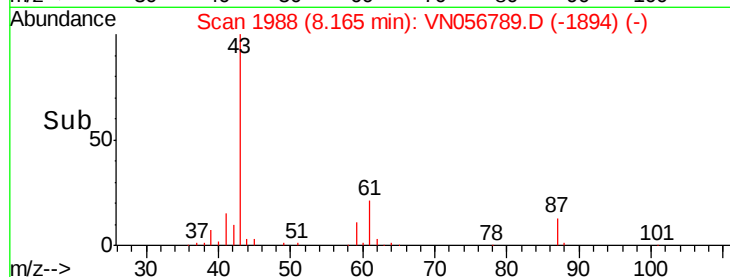
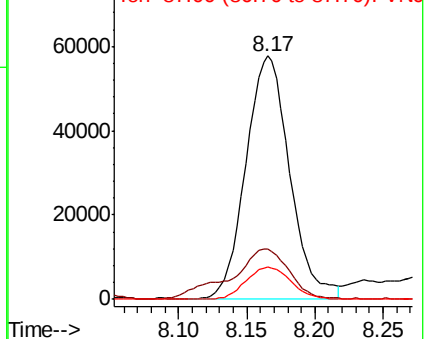
87 13.5 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)



#44

Trichloroethene

Concen: 17.693 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056789.D

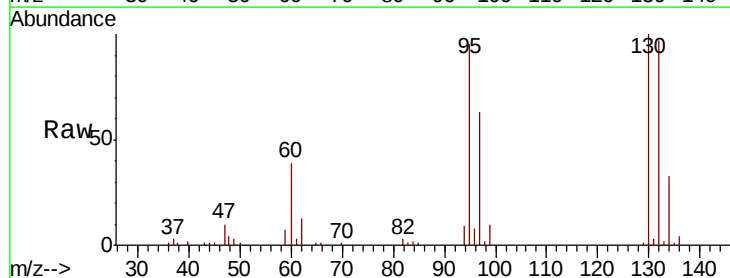
Acq: 17 Jul 2019 12:14

Tgt Ion:130 Resp: 66300

Ion Ratio Lower Upper

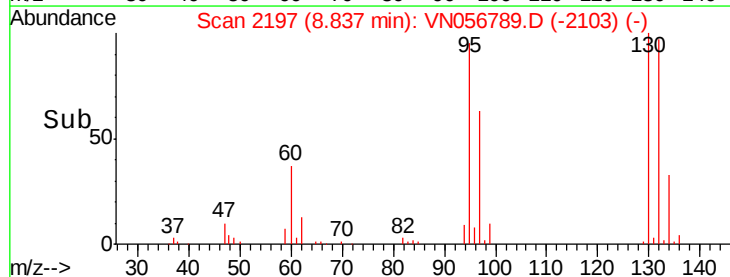
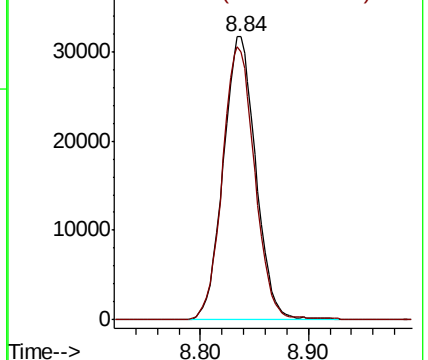
130 100

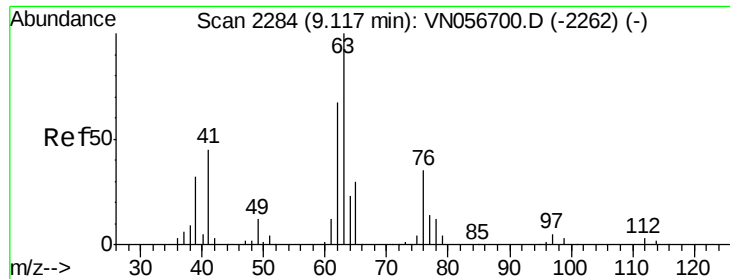
95 94.8 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): VN056700.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056700.D (-2180) (-)

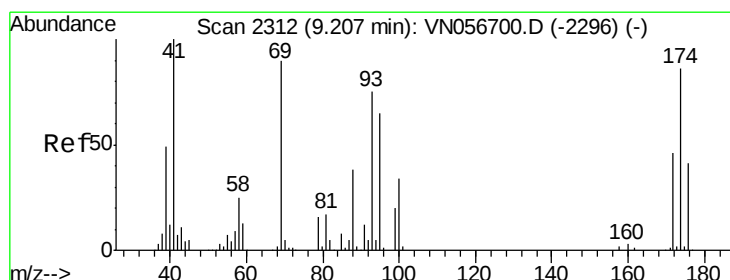
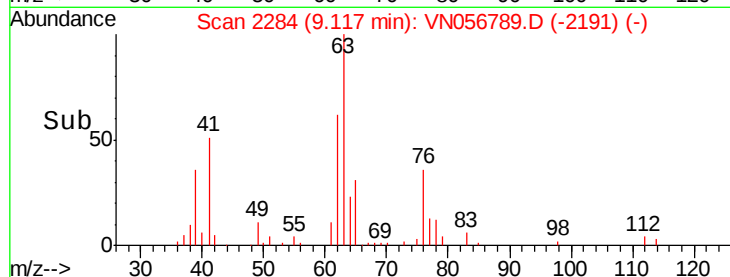
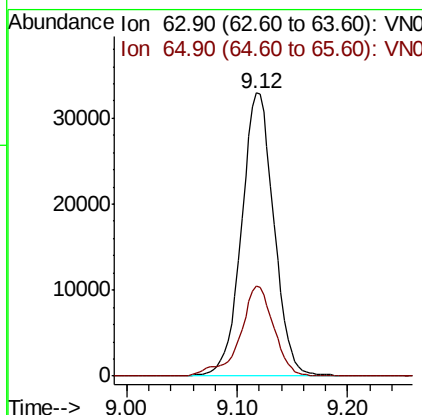
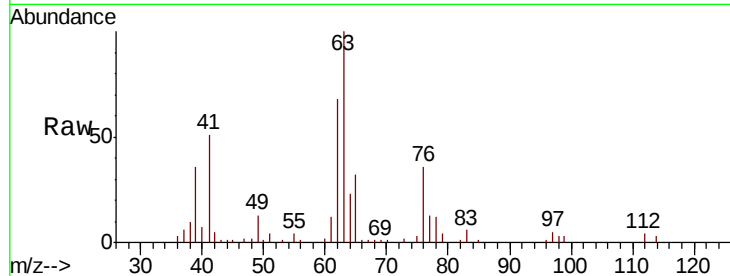




#45
 1,2-Dichloropropane
 Concen: 18.250 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

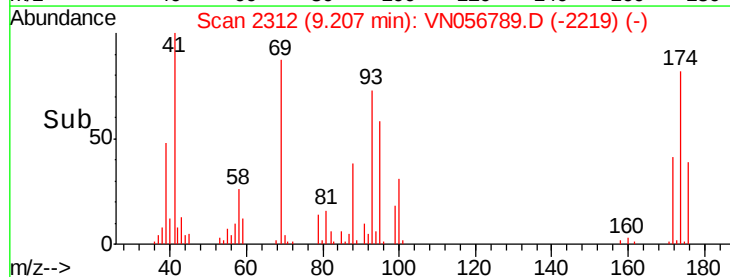
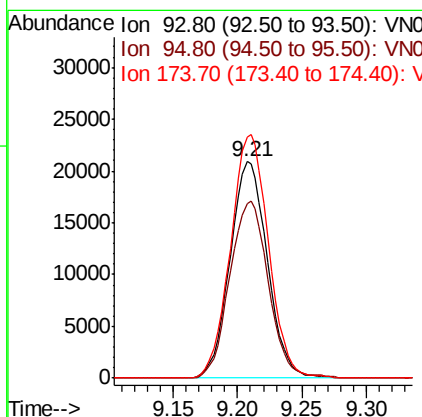
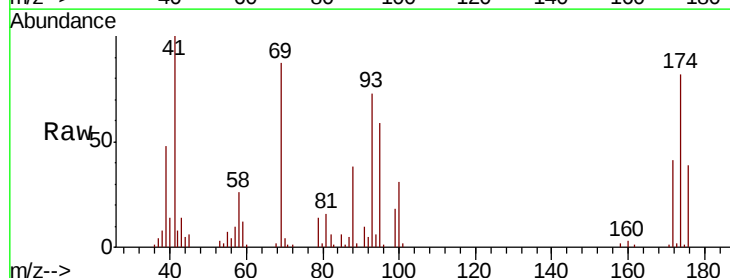
Instrument :
 MSVOA_N
 ClientSampled :

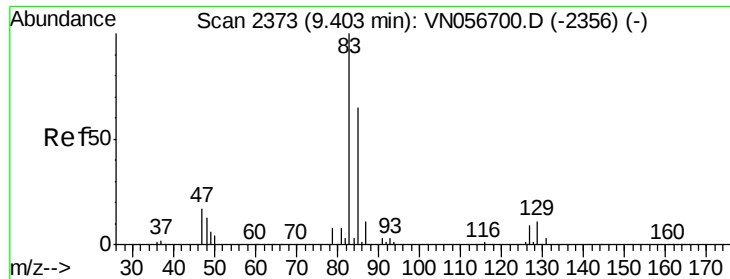
Tot Ion: 63 Resp: 66918
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.0 36.0



#46
 Dibromomethane
 Concen: 18.551 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Tgt Ion: 93 Resp: 42153
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.4 101.0
 174 114.1 90.3 135.5





#47

Bromodichloromethane

Concen: 18.113 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

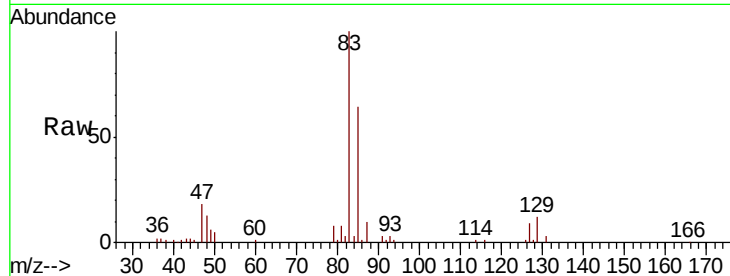
Tot Ion: 83 Resp: 78213

Ion Ratio Lower Upper

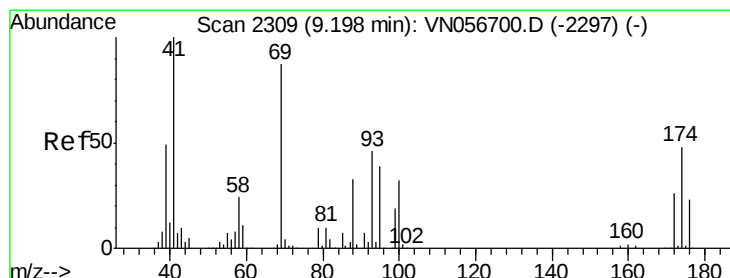
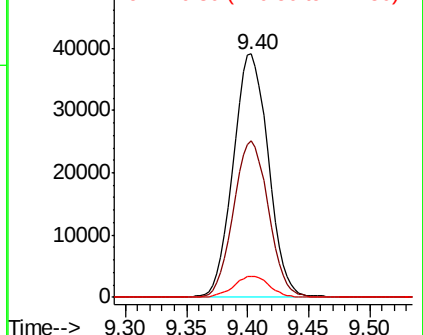
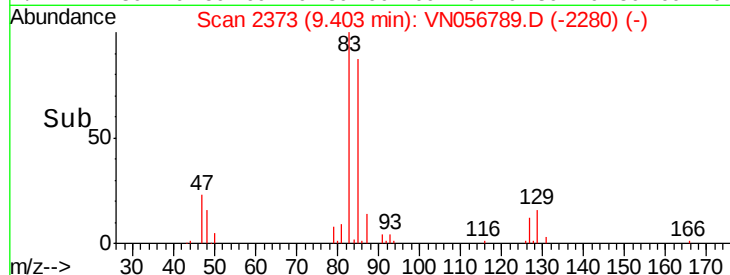
83 100

85 64.3 52.3 78.5

127 8.6 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN056789.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.353 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

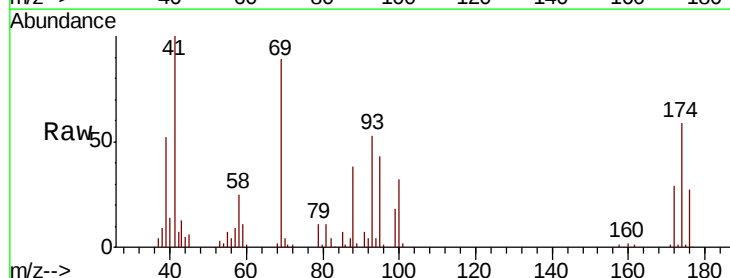
Tgt Ion: 41 Resp: 61935

Ion Ratio Lower Upper

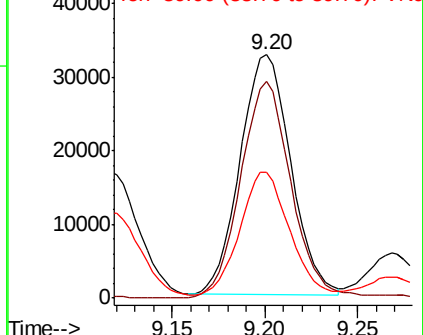
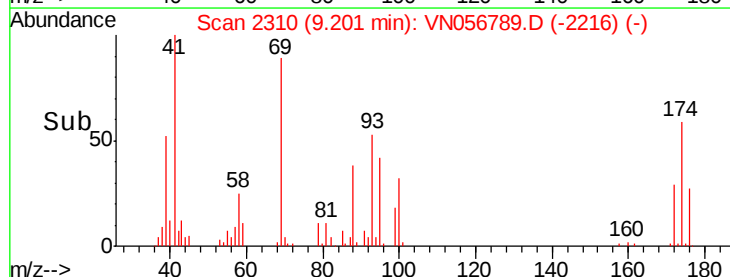
41 100

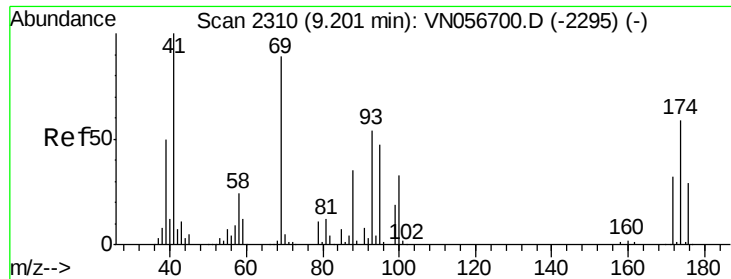
69 90.0 71.4 107.0

39 52.7 41.2 61.8



Abundance Ion 41.00 (40.70 to 41.70): VN056789.D (-2216) (-)

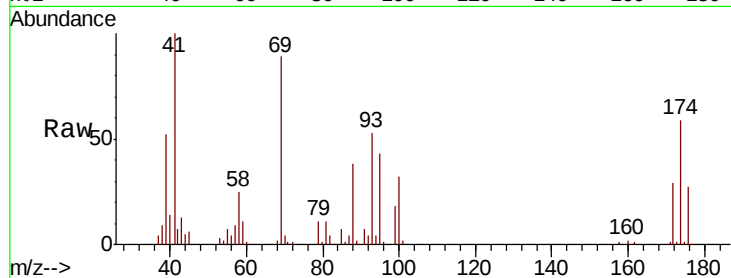




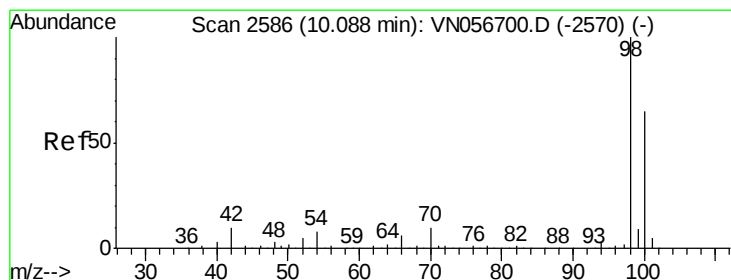
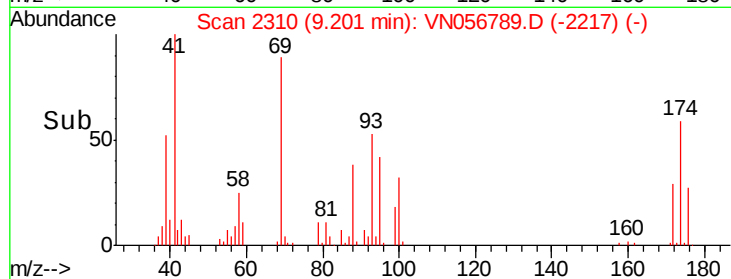
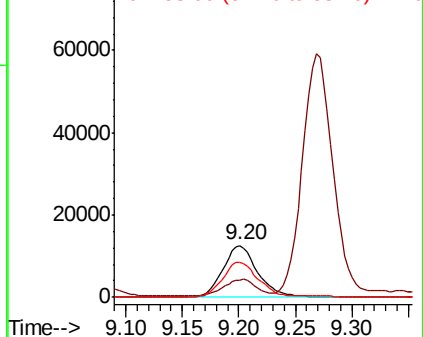
#49
1,4-Dioxane
Concen: 390.797 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 27061
Ion Ratio Lower Upper
88 100
43 30.3 23.7 35.5
58 68.8 55.6 83.4

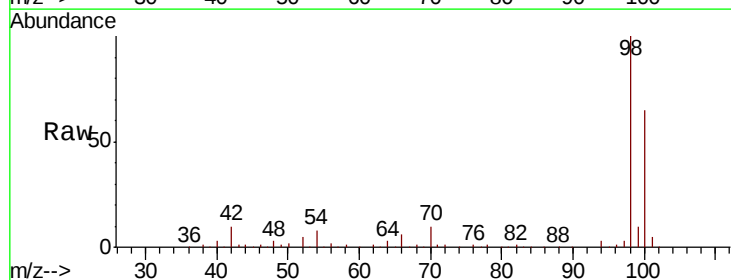


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

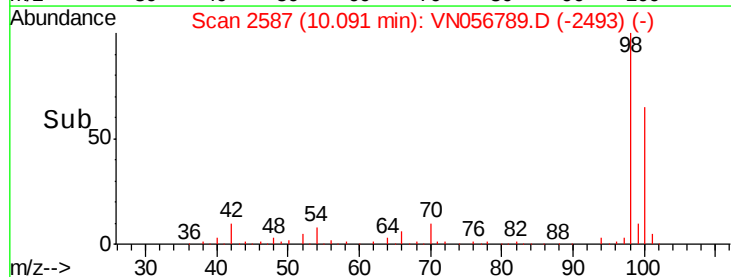
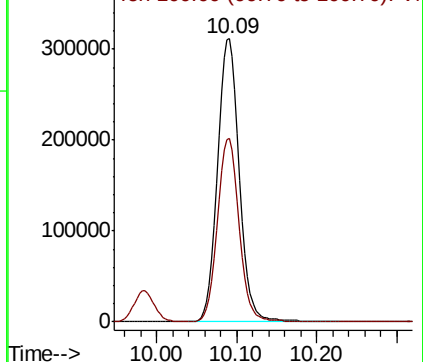


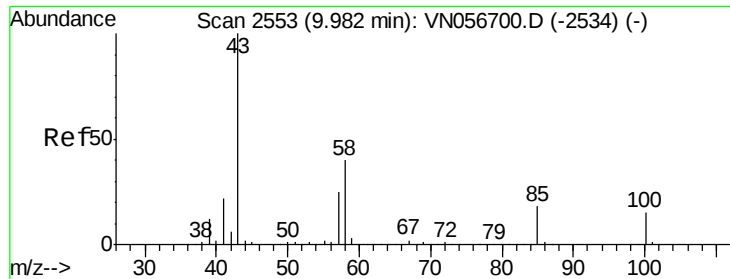
#50
Toluene-d8
Concen: 50.237 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 98 Resp: 587664
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



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: 92.568 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

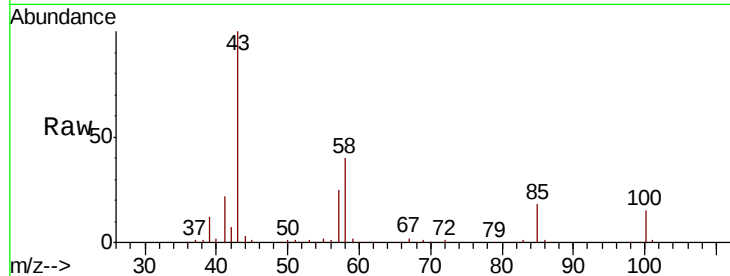
ClientSampleId :

Tot Ion: 43 Resp: 418374

Ion Ratio Lower Upper

43 100

58 40.2 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

100000

50000

0

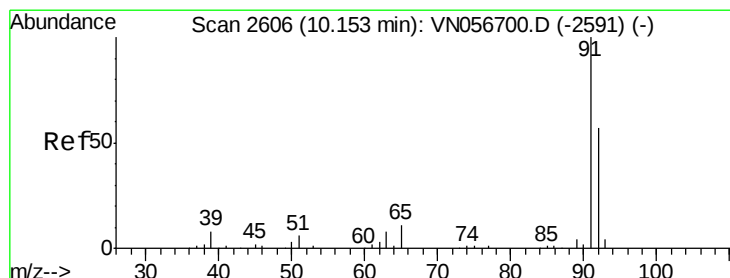
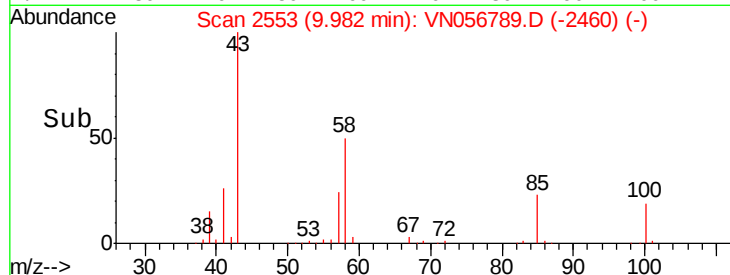
9.90

9.98

10.00

10.10

Time-->



#52

Toluene

Concen: 18.366 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056789.D

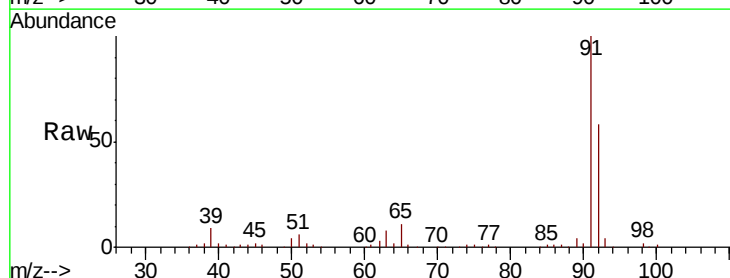
Acq: 17 Jul 2019 12:14

Tgt Ion: 92 Resp: 150515

Ion Ratio Lower Upper

92 100

91 173.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

100000

50000

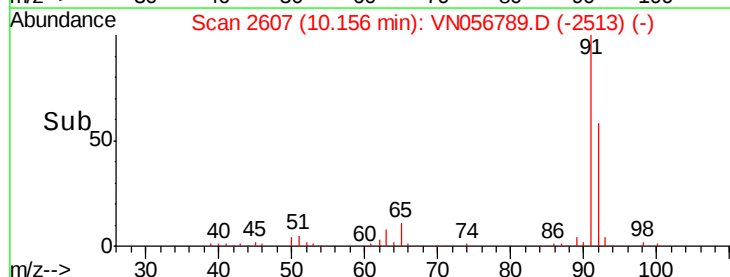
0

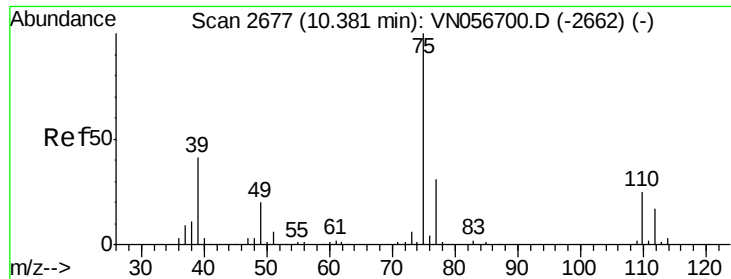
10.10

10.16

10.20

Time-->

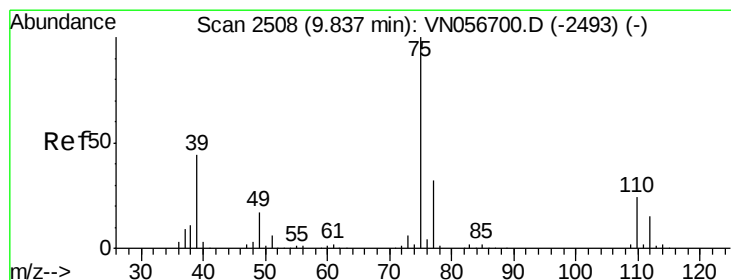
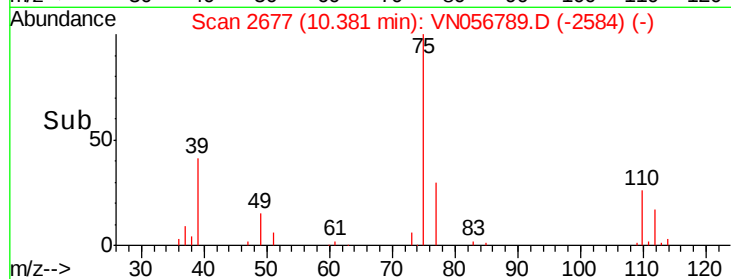
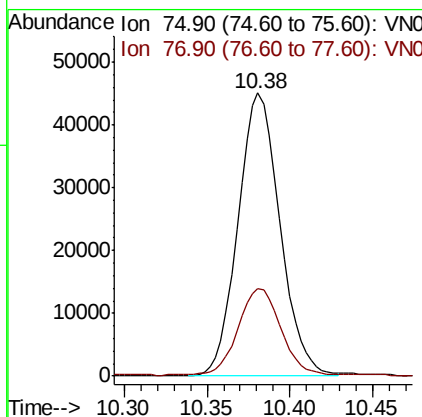
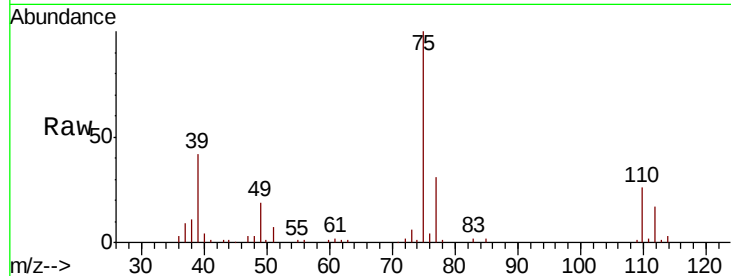




#53
t-1,3-Dichloropropene
Concen: 17.647 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

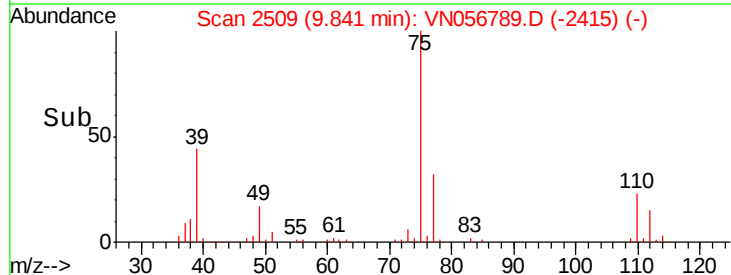
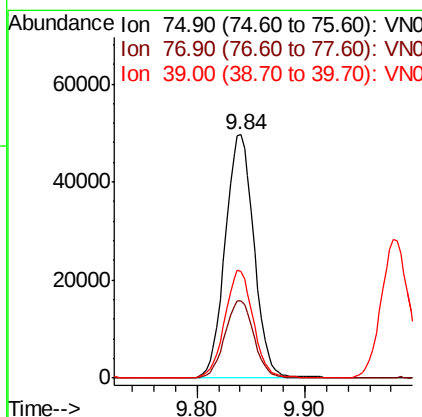
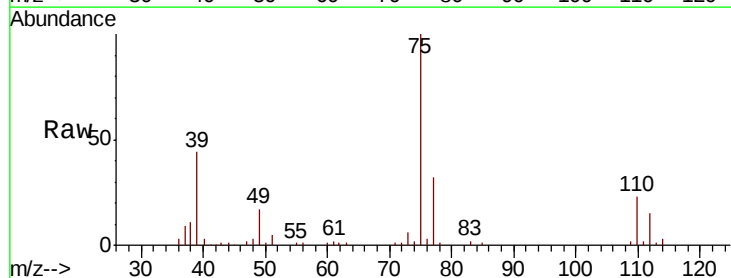
Instrument :
MSVOA_N
ClientSampleId :

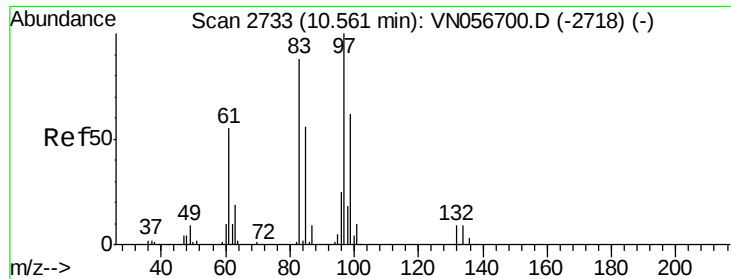
Tot Ion: 75 Resp: 79499
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 17.724 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 75 Resp: 92656
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
39 44.0 35.1 52.7

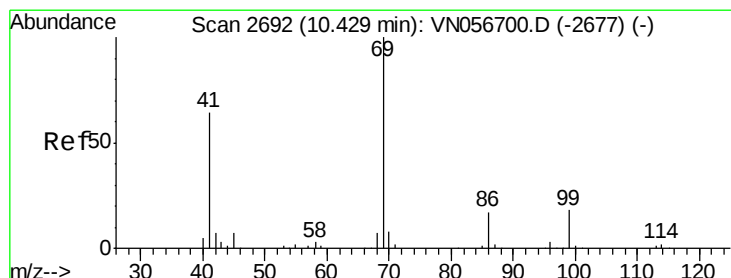
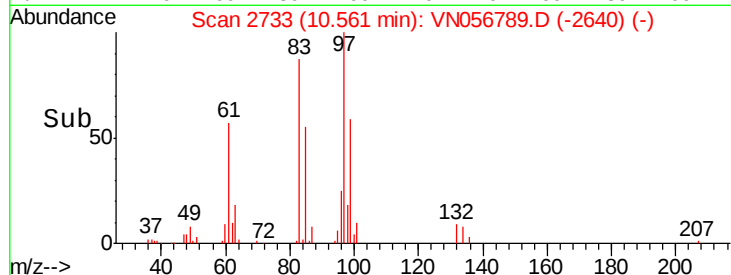
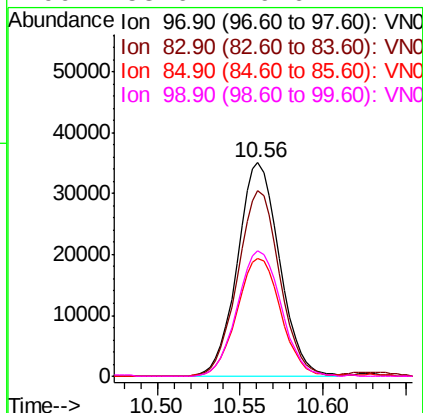
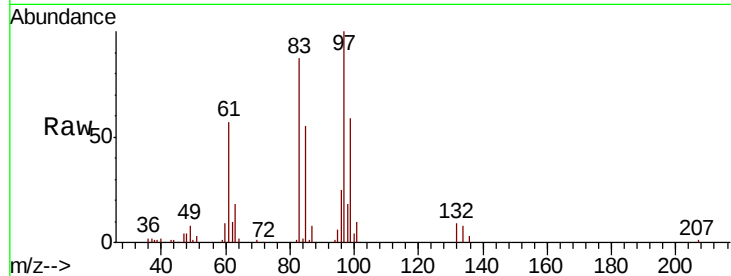




#55
 1,1,2-Trichloroethane
 Concen: 18.069 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

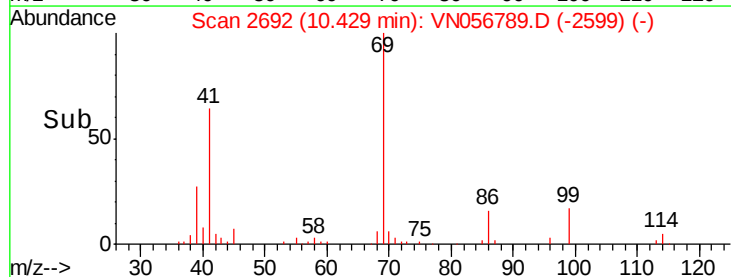
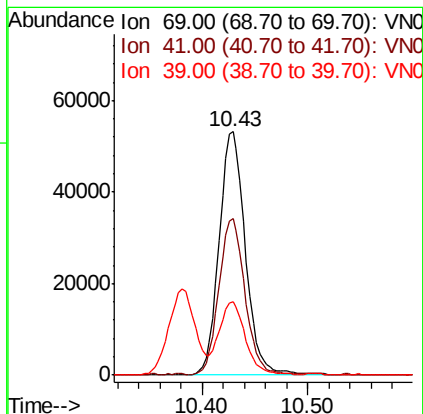
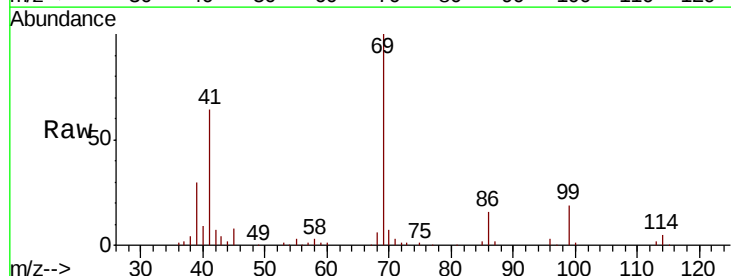
Instrument :
 MSVOA_N
 ClientSampleId :

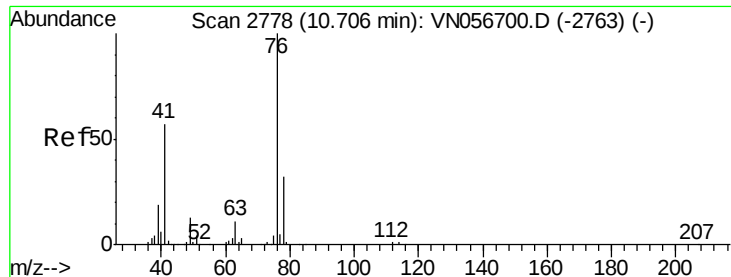
Tot Ion: 97 Resp: 62108
 Ion Ratio Lower Upper
 97 100
 83 86.7 70.3 105.5
 85 55.4 44.8 67.2
 99 58.6 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 18.561 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Tgt Ion: 69 Resp: 91798
 Ion Ratio Lower Upper
 69 100
 41 63.7 51.0 76.4
 39 30.2 24.6 36.8





#57

1,3-Dichloropropane

Concen: 18.618 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

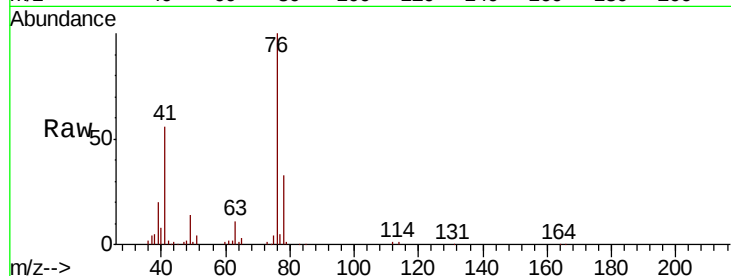
ClientSampleId :

Tot Ion: 76 Resp: 104522

Ion Ratio Lower Upper

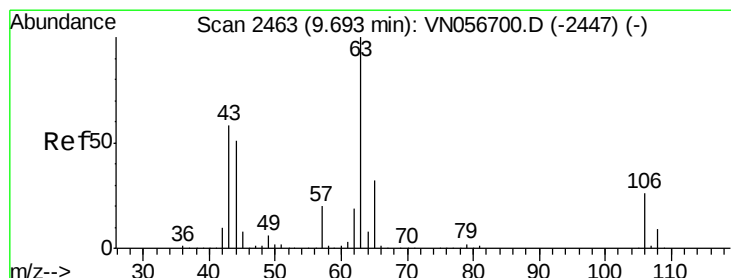
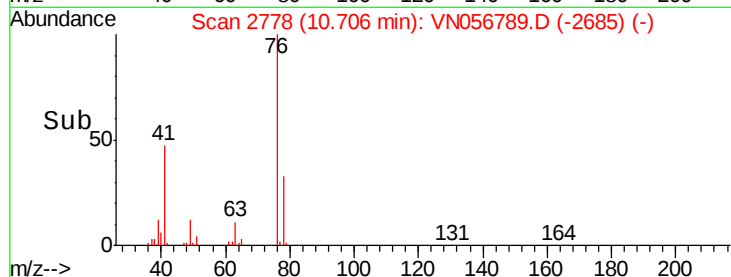
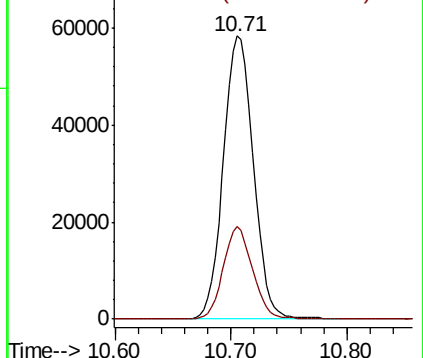
76 100

78 31.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 96.498 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056789.D

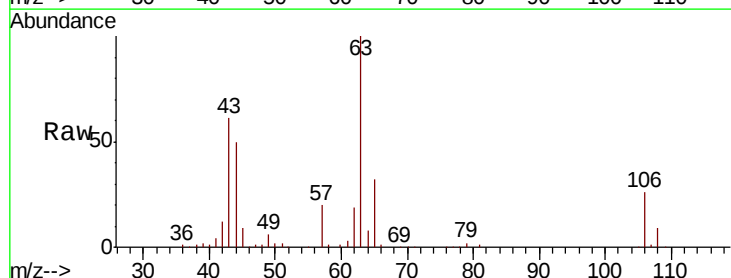
Acq: 17 Jul 2019 12:14

Tgt Ion: 63 Resp: 229502

Ion Ratio Lower Upper

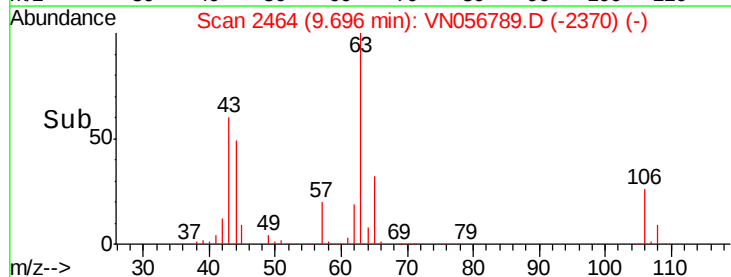
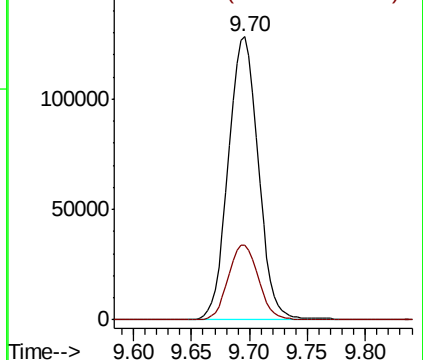
63 100

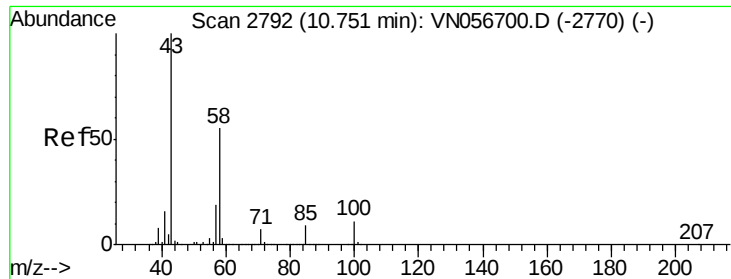
106 26.6 21.2 31.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

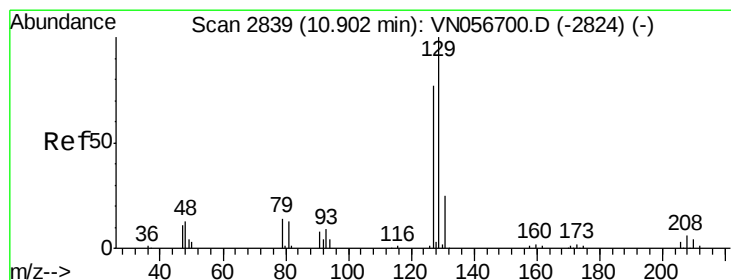
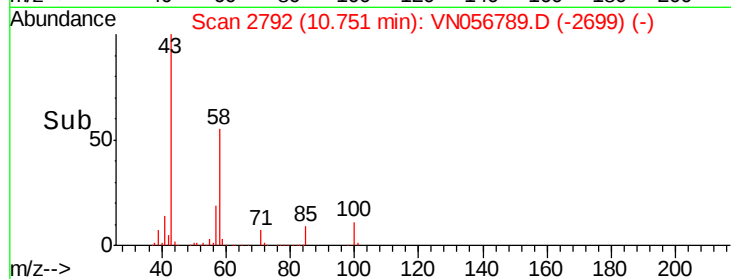
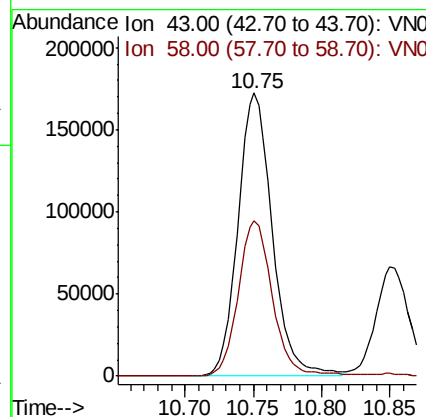
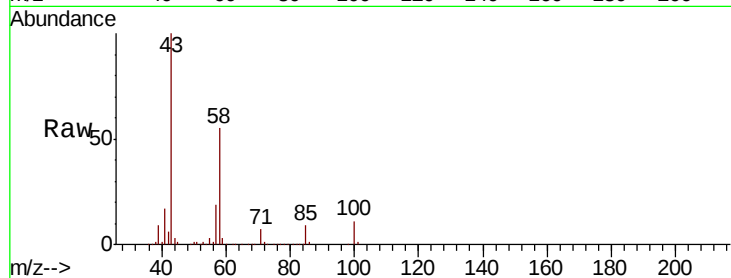




#59
2-Hexanone
Concen: 92.376 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

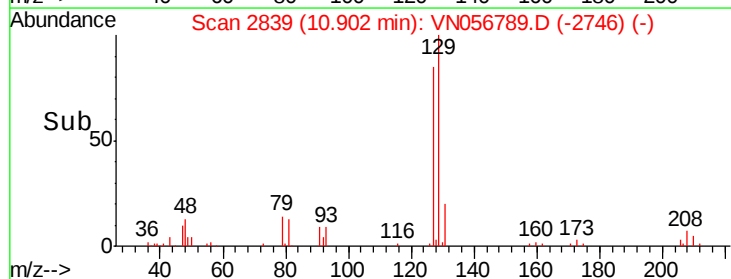
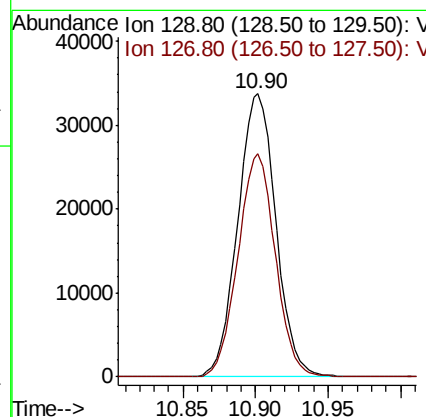
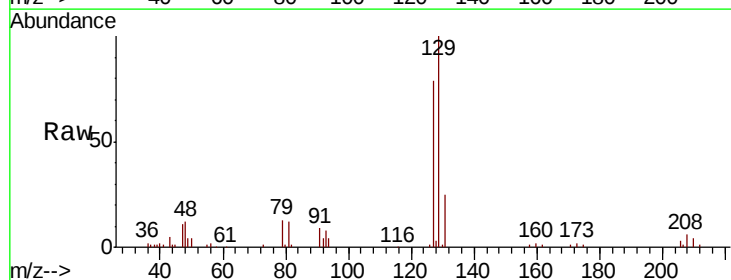
Instrument :
MSVOA_N
ClientSampleId :

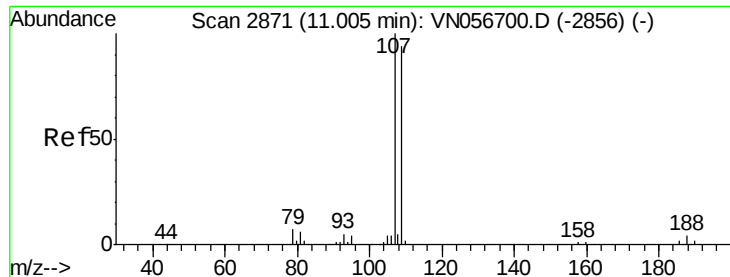
Tot Ion: 43 Resp: 299576
Ion Ratio Lower Upper
43 100
58 55.0 27.9 83.6



#60
Dibromochloromethane
Concen: 18.265 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 129 Resp: 61746
Ion Ratio Lower Upper
129 100
127 77.1 38.2 114.6

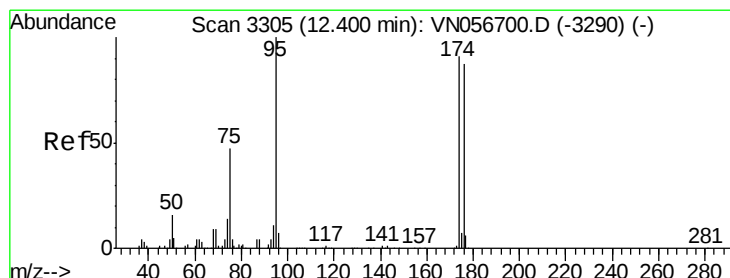
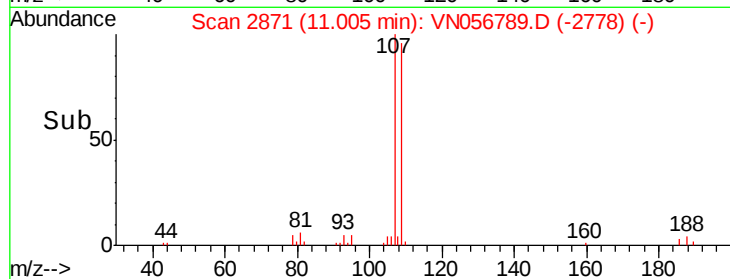
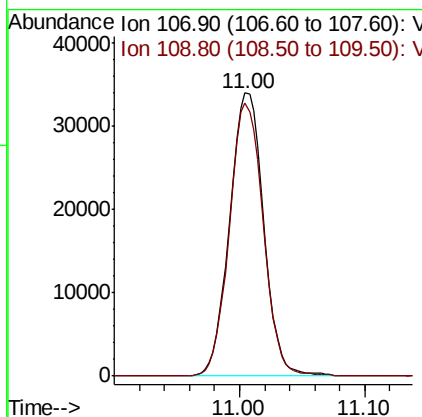
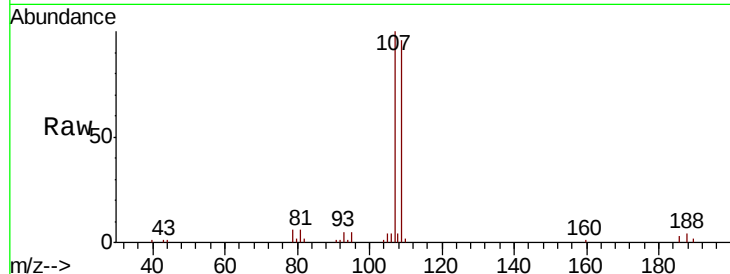




#61
 1,2-Dibromoethane
 Concen: 18.782 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

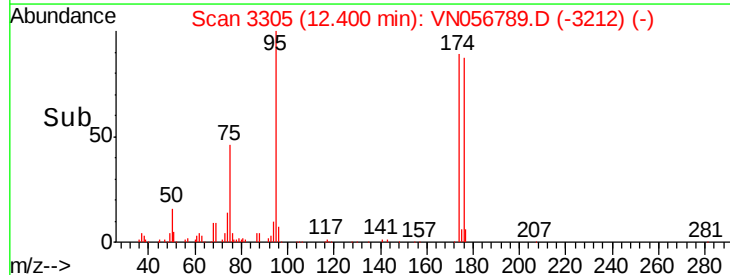
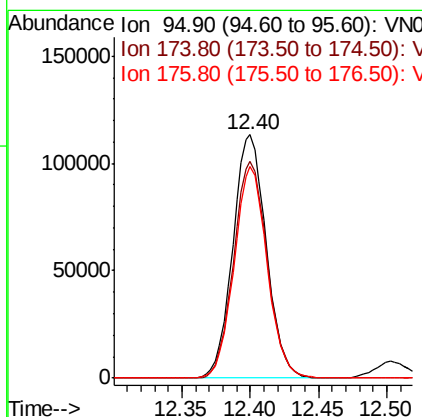
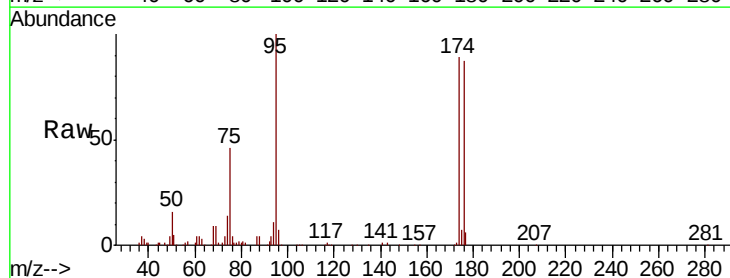
Instrument :
 MSVOA_N
 ClientSampleId :

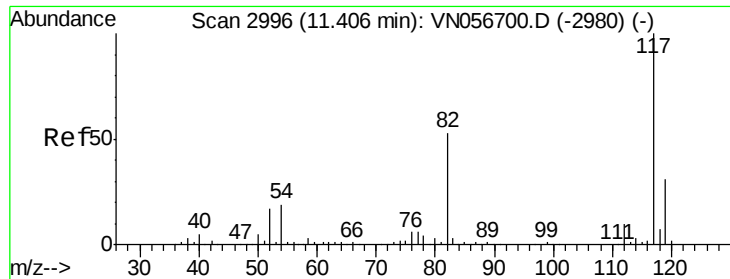
Tot Ion:107 Resp: 64159
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 48.786 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Tgt Ion: 95 Resp: 192457
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 180.0
 176 85.8 0.0 173.2

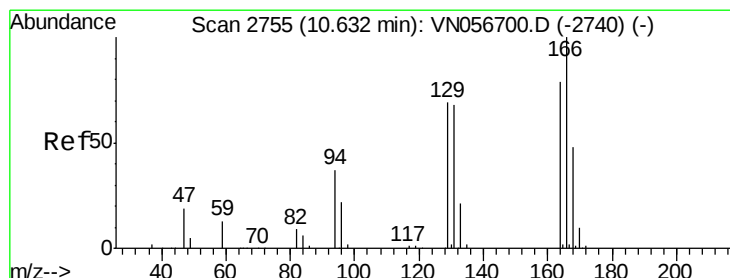
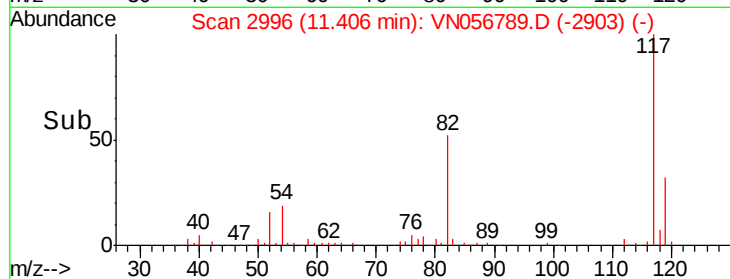
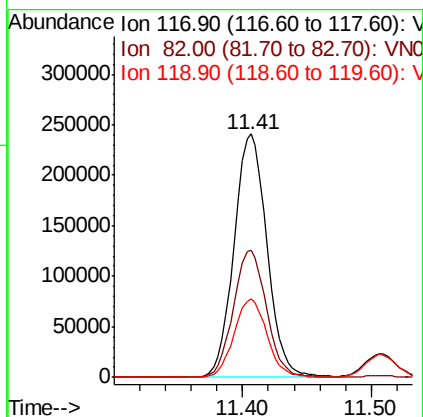
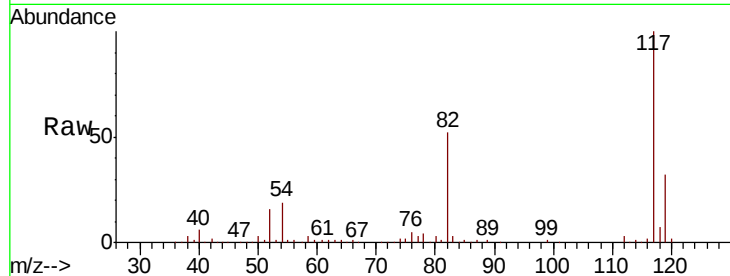




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

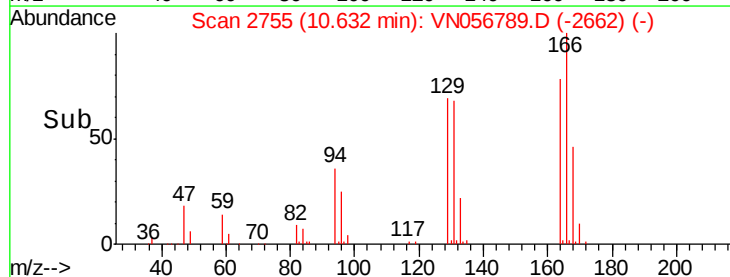
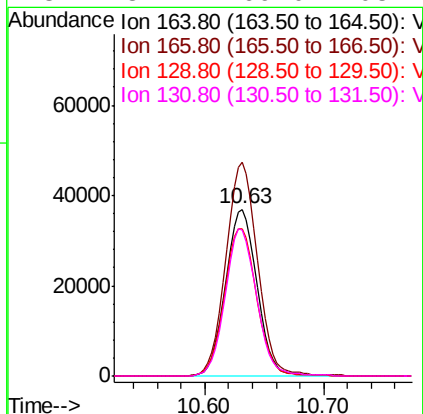
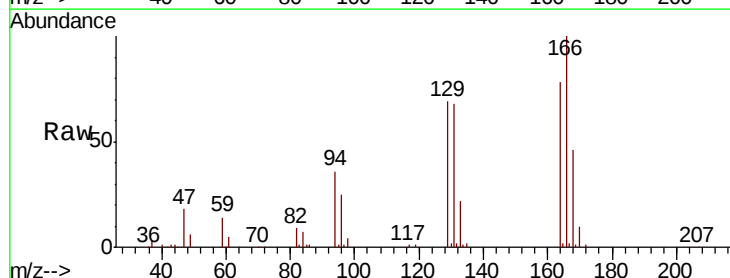
Instrument :
MSVOA_N
ClientSampled :

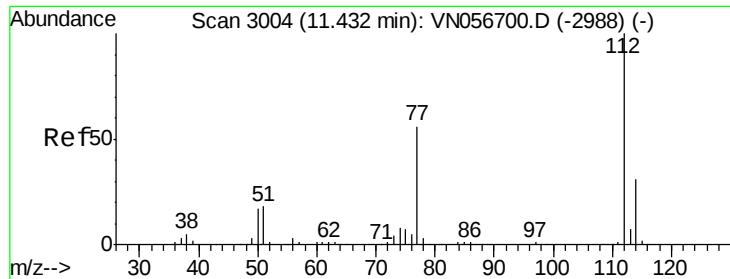
Tot Ion:117 Resp: 427821
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.3 25.2 37.8



#64
Tetrachloroethene
Concen: 18.358 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion:164 Resp: 67757
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.2
129 88.0 69.6 104.4
131 87.4 69.0 103.4

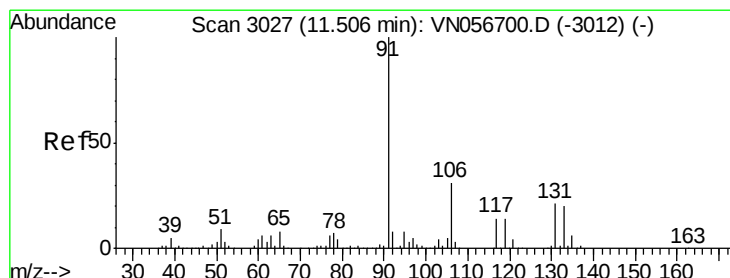
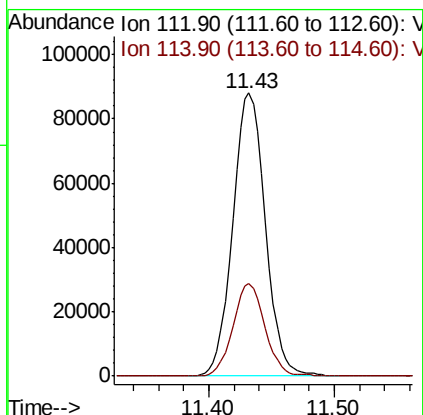
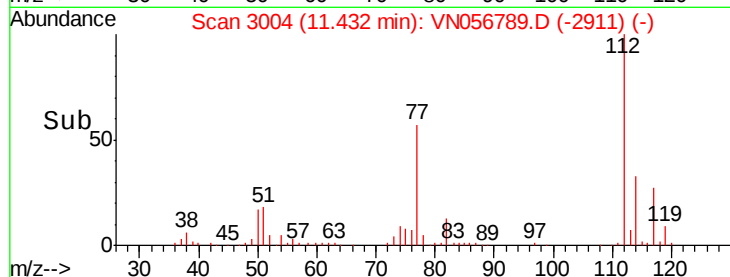
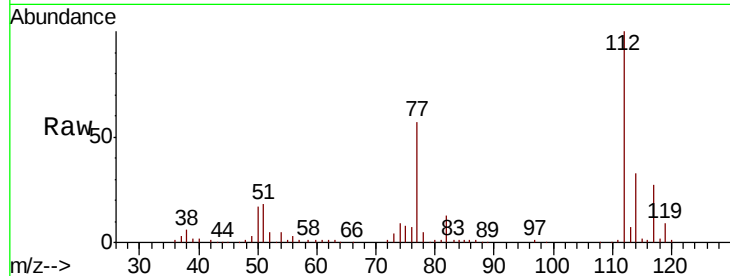




#65
Chlorobenzene
Concen: 18.148 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

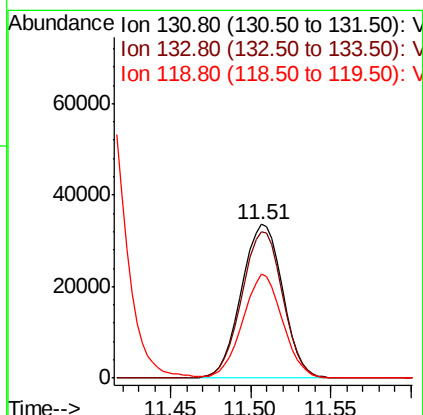
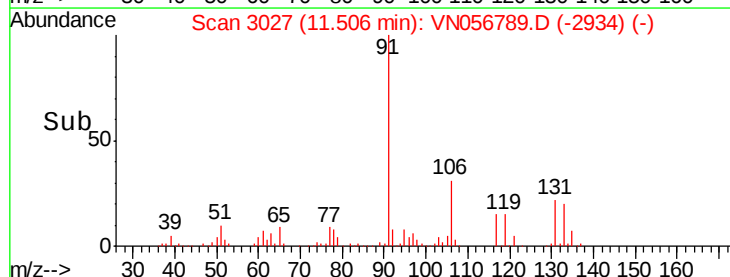
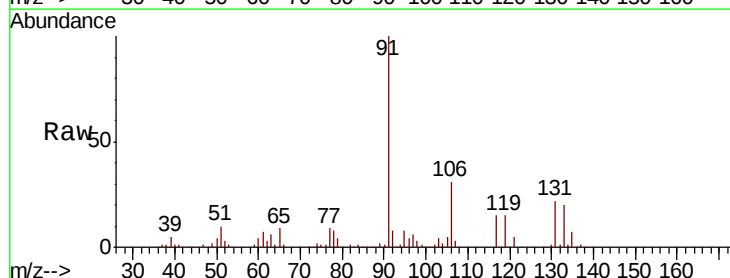
Instrument :
MSVOA_N
ClientSampleId :

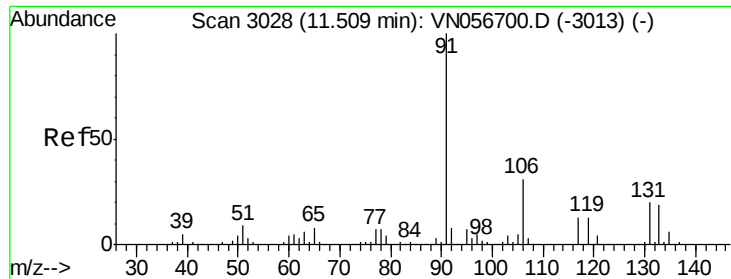
Tot Ion:112 Resp: 158755
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.439 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion:131 Resp: 59389
Ion Ratio Lower Upper
131 100
133 94.9 46.9 140.7
119 65.0 32.8 98.3

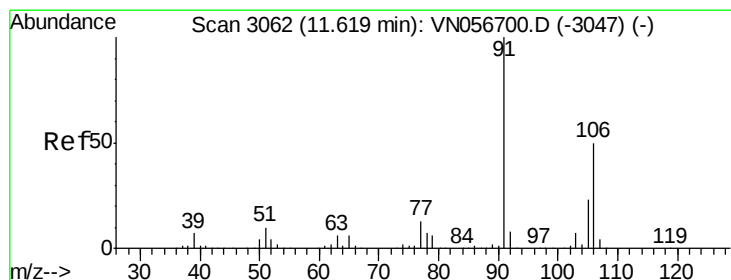
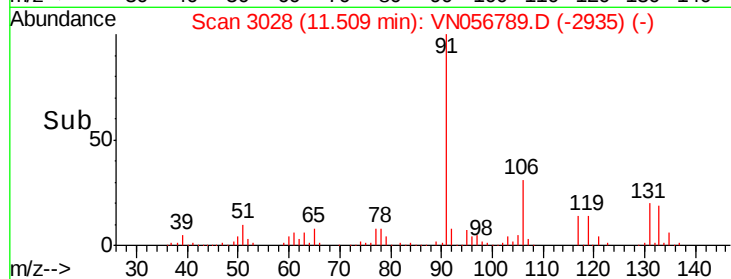
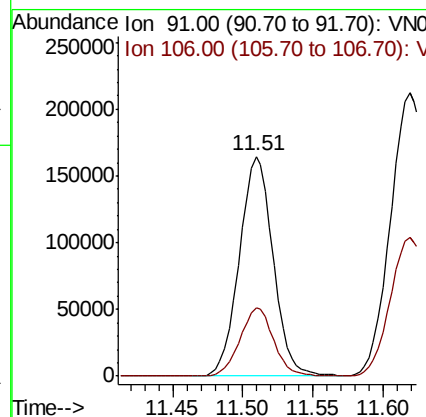
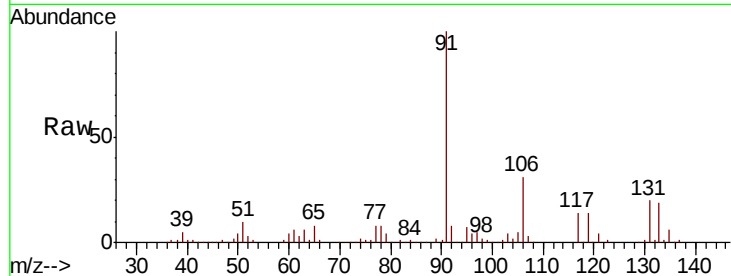




#67
Ethyl Benzene
Concen: 17.978 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

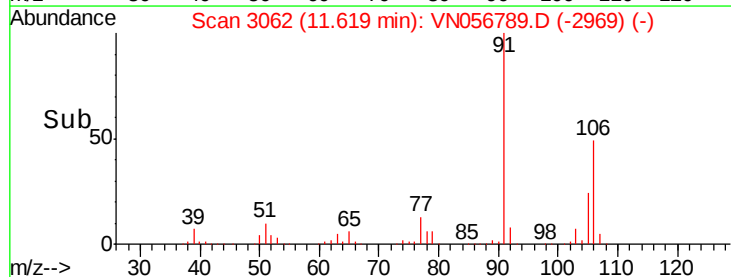
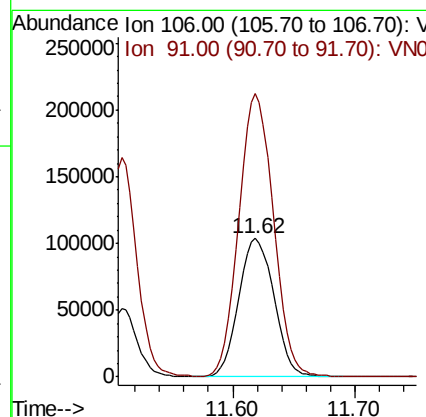
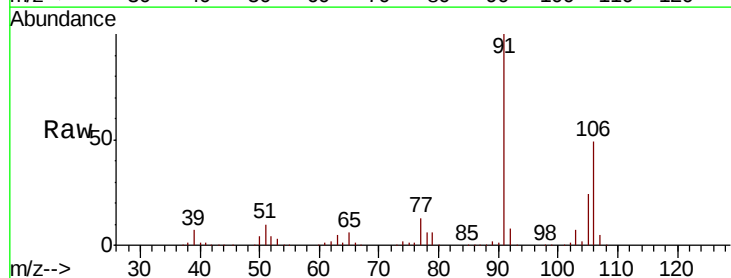
Instrument :
MSVOA_N
ClientSampled :

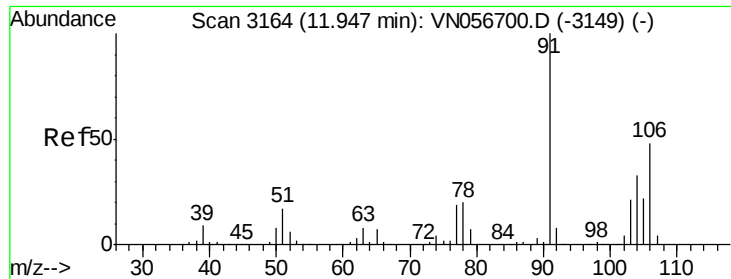
Tot Ion: 91 Resp: 276392
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2



#68
m/p-Xylenes
Concen: 36.150 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 106 Resp: 207696
Ion Ratio Lower Upper
106 100
91 201.6 160.5 240.7

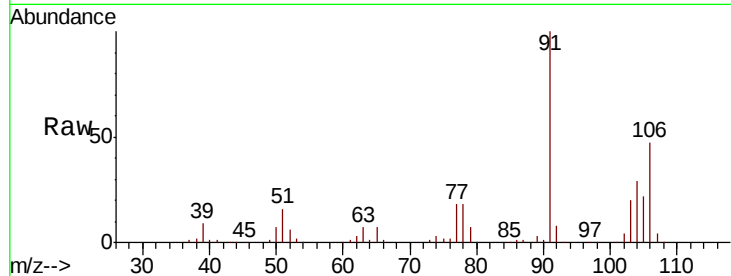




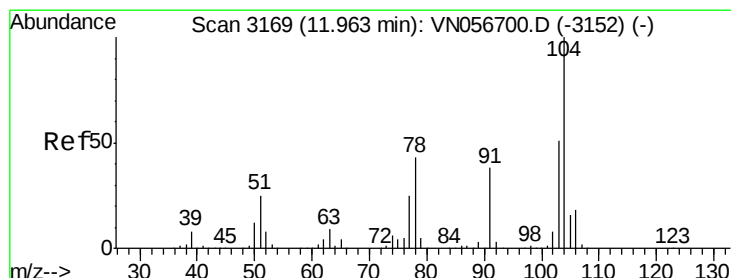
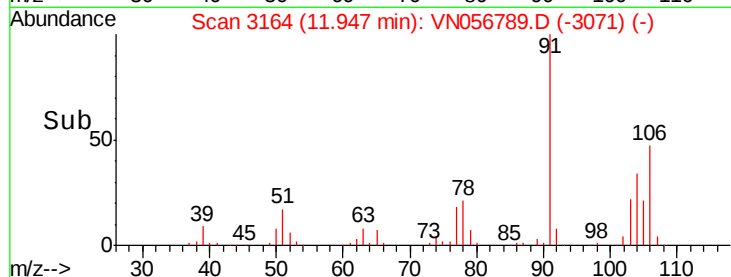
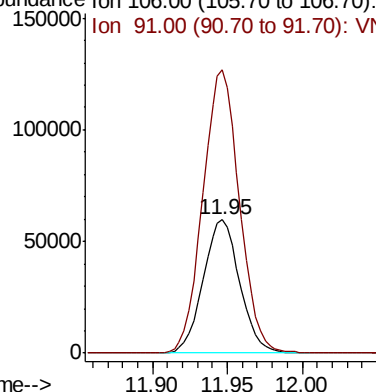
#69
o-Xylene
Concen: 17.963 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 101461
Ion Ratio Lower Upper
106 100
91 212.8 105.6 316.8

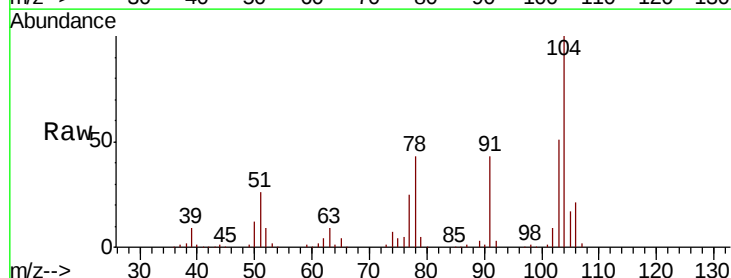


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

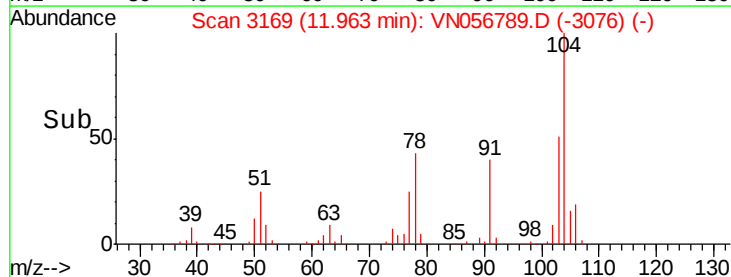
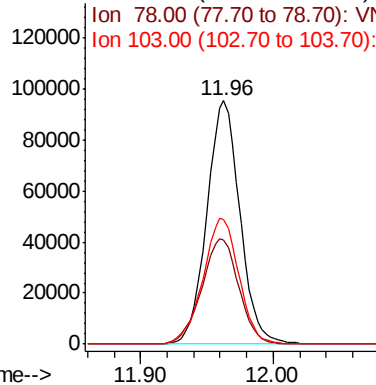


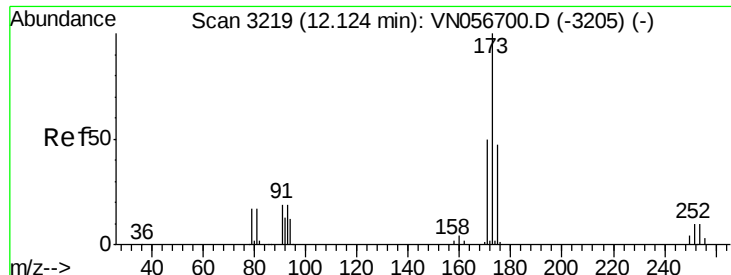
#70
Styrene
Concen: 18.122 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion:104 Resp: 165487
Ion Ratio Lower Upper
104 100
78 48.5 38.6 57.8
103 56.1 44.2 66.4



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

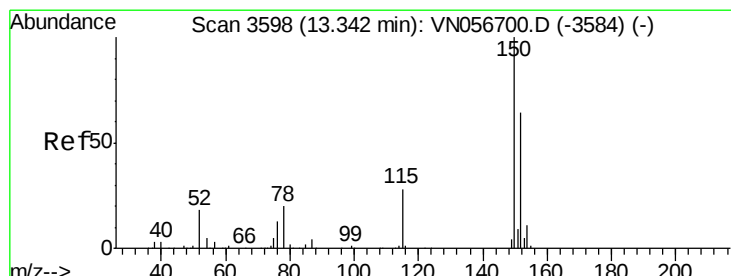
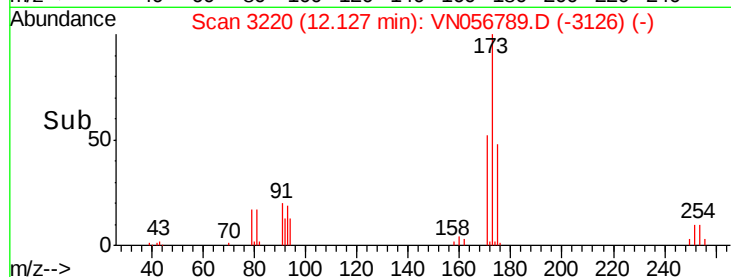
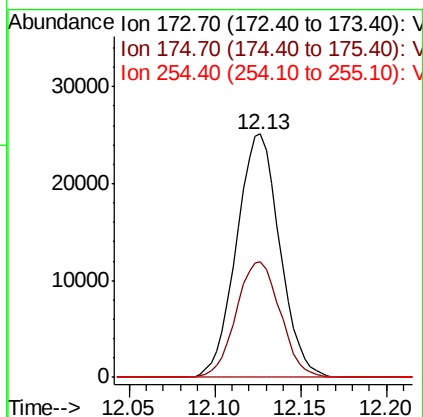
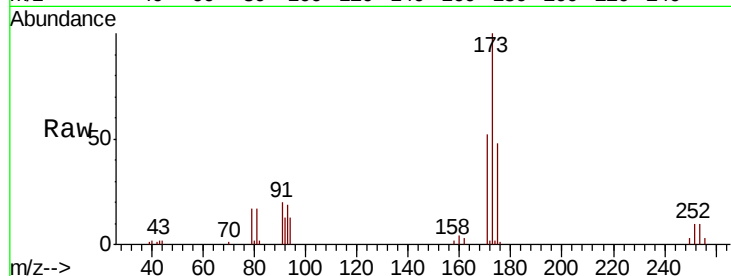




#71
Bromoform
Concen: 17.893 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

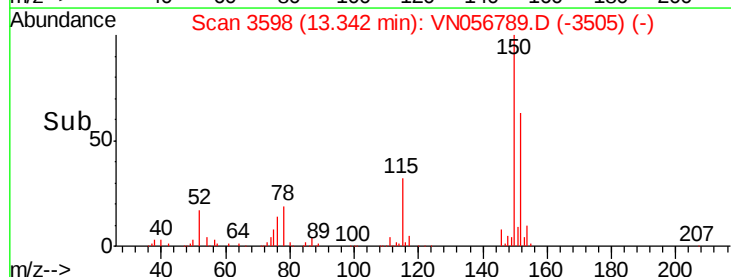
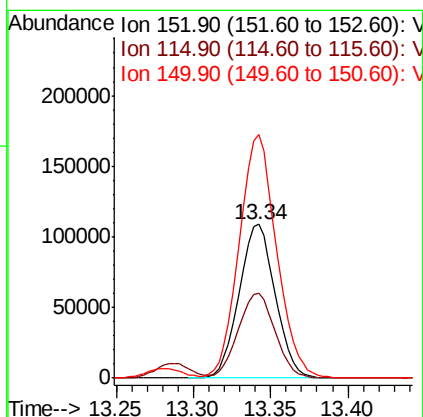
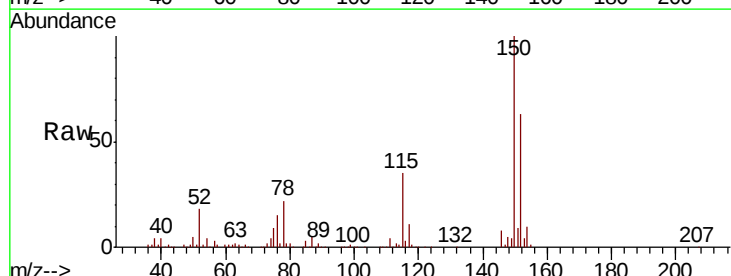
Instrument :
MSVOA_N
ClientSampleId :

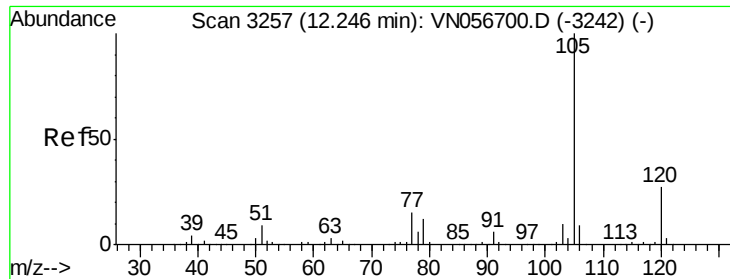
Tot Ion:173 Resp: 43850
Ion Ratio Lower Upper
173 100
175 48.4 23.8 71.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion:152 Resp: 177188
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 163.7 0.0 345.8





#73

Isopropylbenzene

Concen: 18.663 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

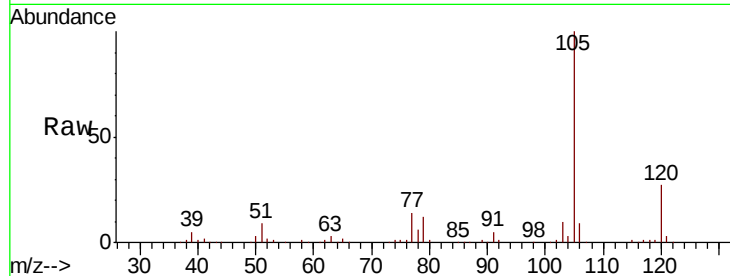
ClientSampleId :

Tot Ion:105 Resp: 266629

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

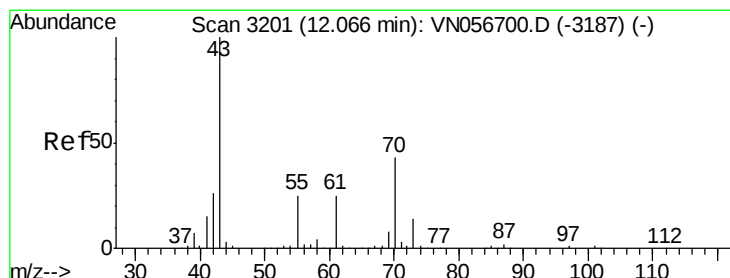
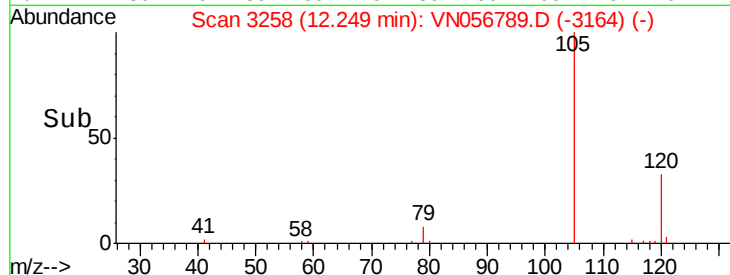
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 18.155 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Tgt Ion: 43 Resp: 96596

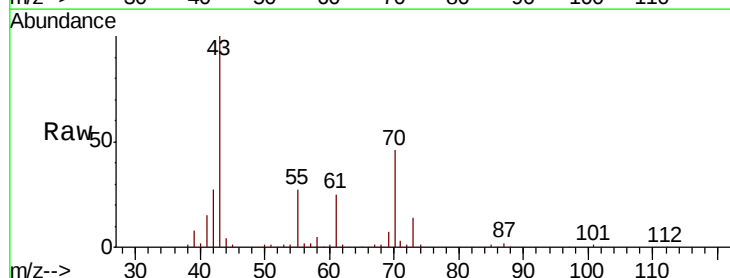
Ion Ratio Lower Upper

43 100

70 44.4 34.5 51.7

55 27.4 20.2 30.2

61 24.9 19.9 29.9



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

12.07

80000

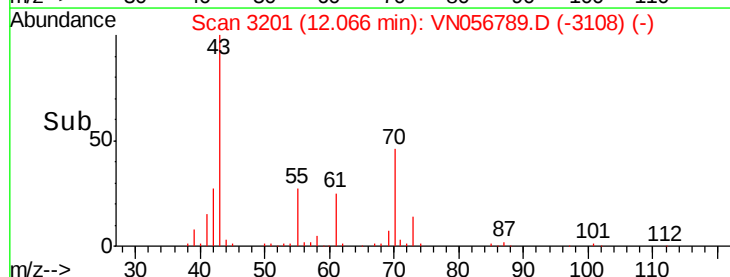
60000

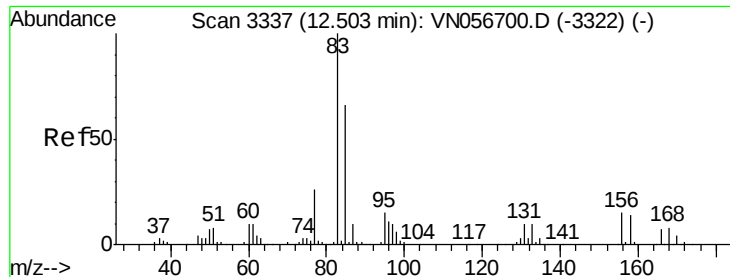
40000

20000

0

Time--> 12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 20.277 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

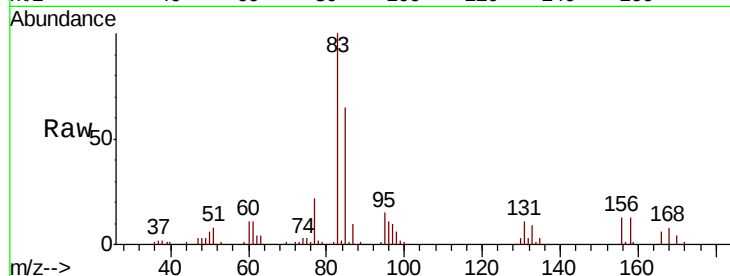
Tot Ion: 83 Resp: 88666

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

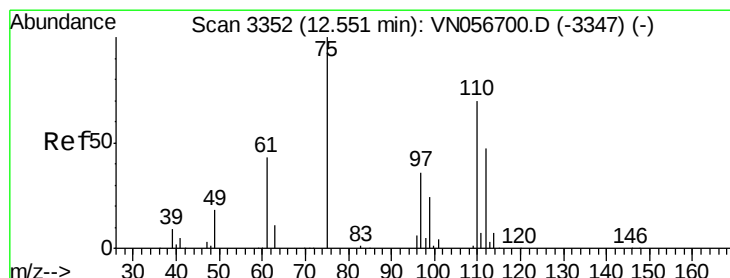
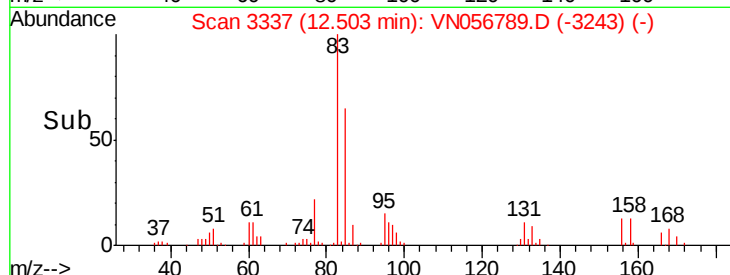
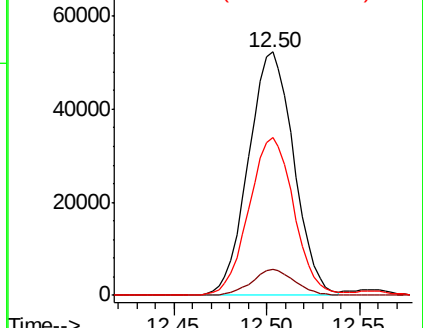
85 64.3 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VN056789.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056789.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056789.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 27.384 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056789.D

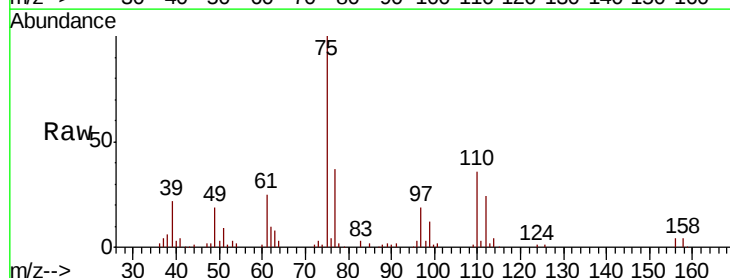
Acq: 17 Jul 2019 12:14

Tgt Ion: 75 Resp: 106123

Ion Ratio Lower Upper

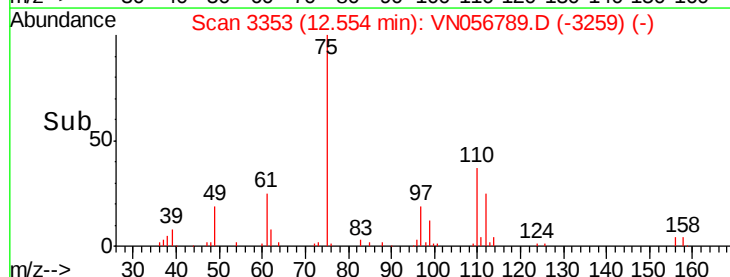
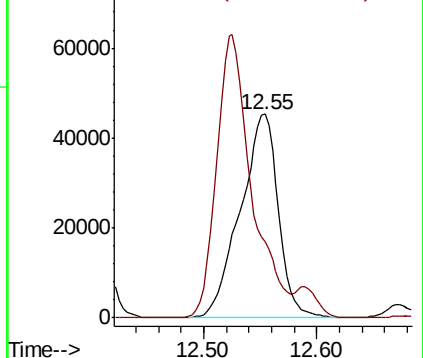
75 100

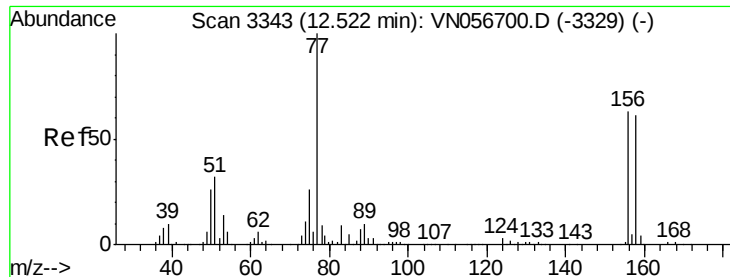
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056789.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN056789.D (-3259) (-)





#77

Bromobenzene

Concen: 18.740 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

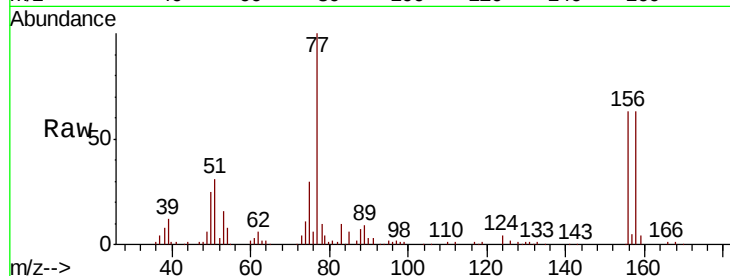
Tot Ion:156 Resp: 70030

Ion Ratio Lower Upper

156 100

77 193.2 97.2 291.6

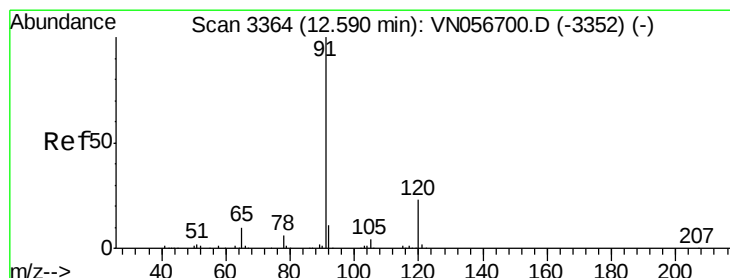
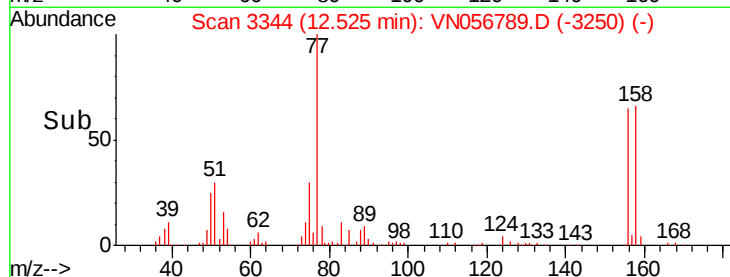
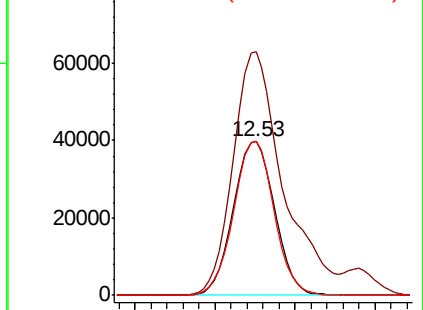
158 97.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.948 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056789.D

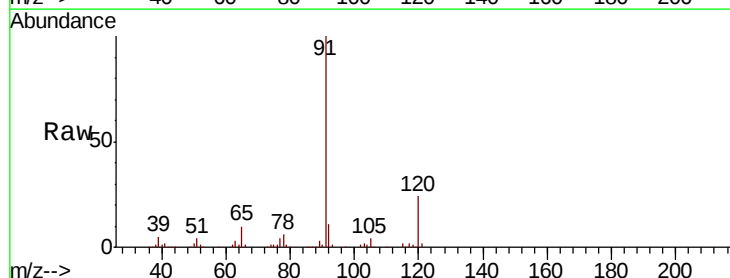
Acq: 17 Jul 2019 12:14

Tgt Ion: 91 Resp: 284669

Ion Ratio Lower Upper

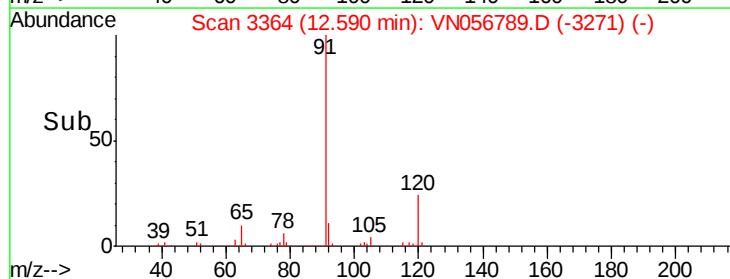
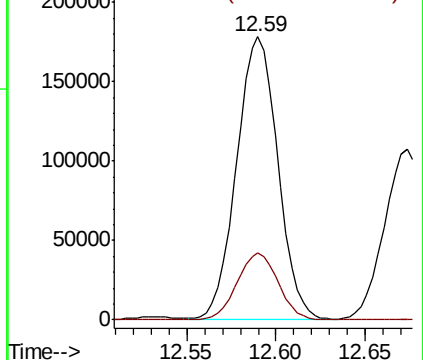
91 100

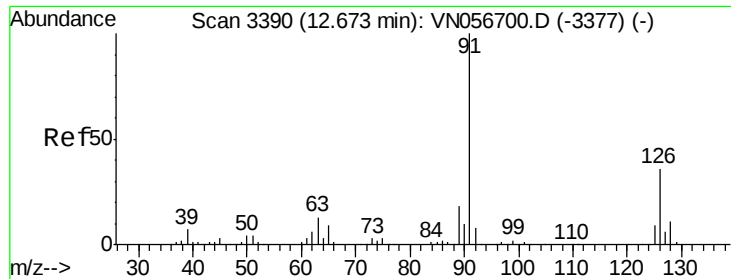
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

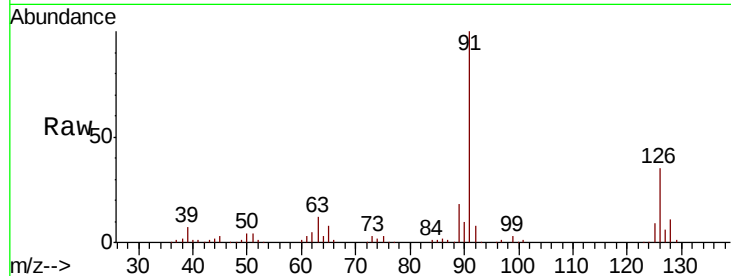




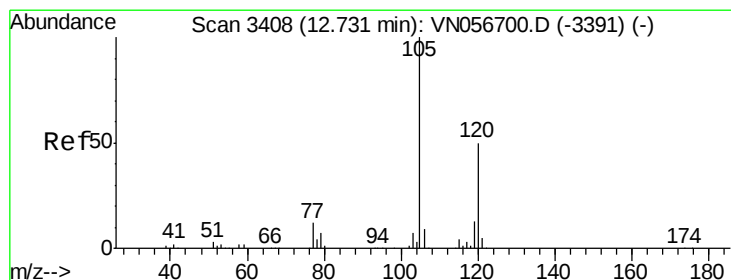
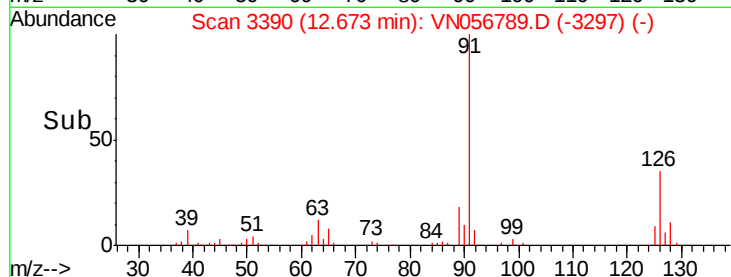
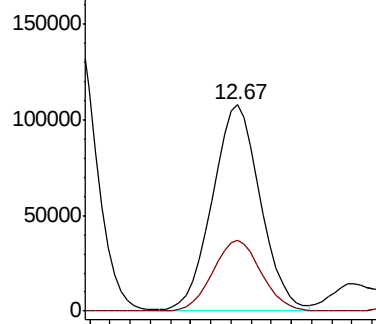
#79
2-Chlorotoluene
Concen: 19.327 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 178219
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.7

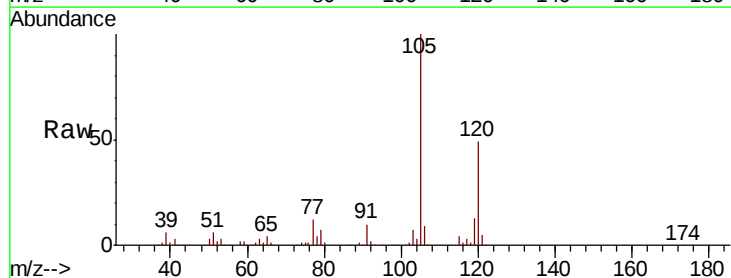


Abundance Ion 91.00 (90.70 to 91.70): VN056700.D (-3377) (-)
Ion 125.90 (125.60 to 126.60): VN056700.D (-3377) (-)

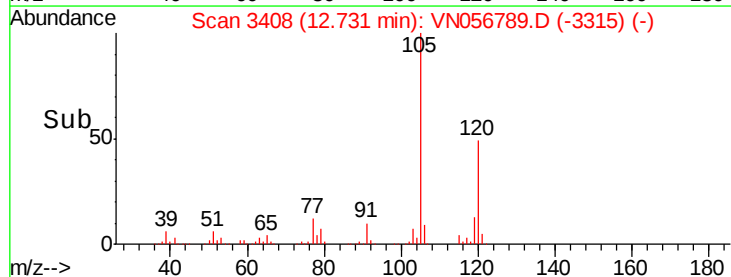
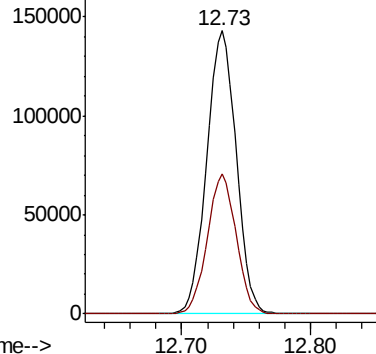


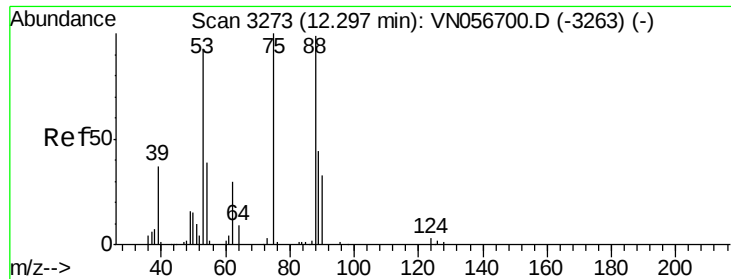
#80
1,3,5-Trimethylbenzene
Concen: 18.772 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion: 105 Resp: 227308
Ion Ratio Lower Upper
105 100
120 48.3 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056700.D (-3391) (-)
Ion 120.00 (119.70 to 120.70): VN056700.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.746 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

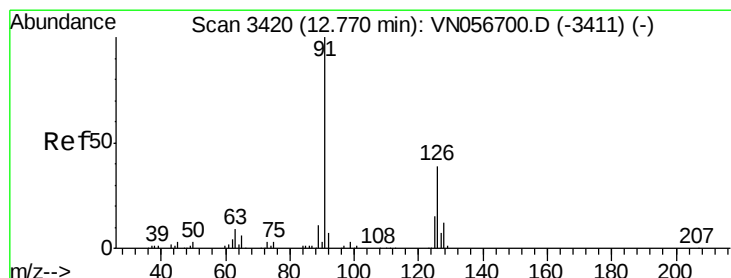
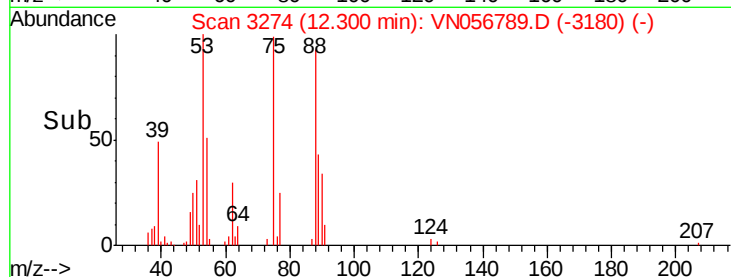
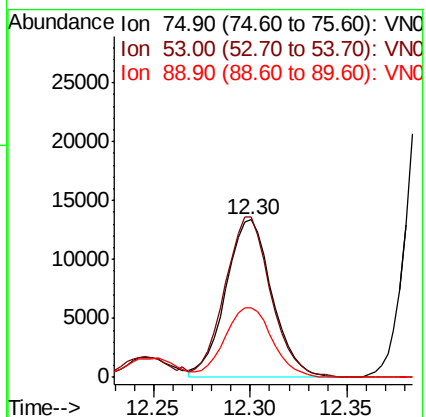
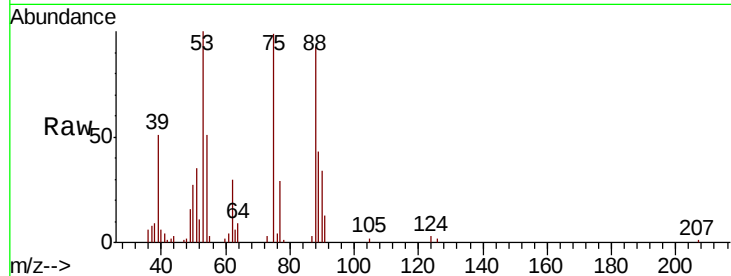
Tot Ion: 75 Resp: 22268

Ion Ratio Lower Upper

75 100

53 101.1 73.7 110.5

89 45.2 36.2 54.2



#82

4-Chlorotoluene

Concen: 18.136 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056789.D

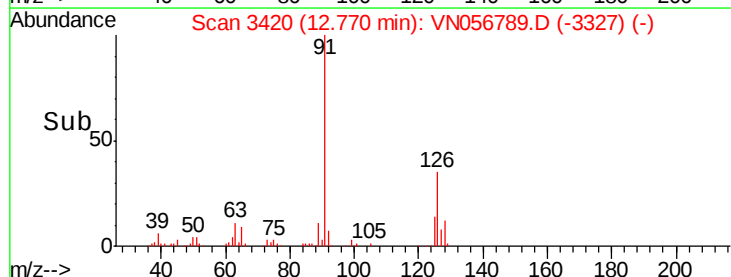
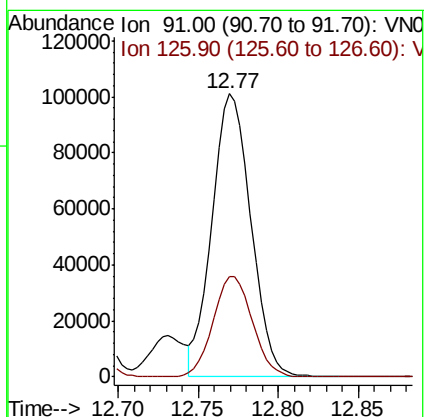
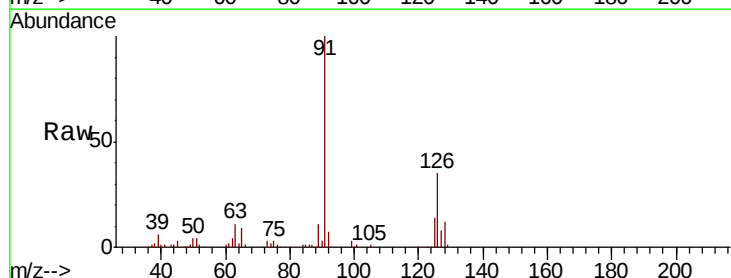
Acq: 17 Jul 2019 12:14

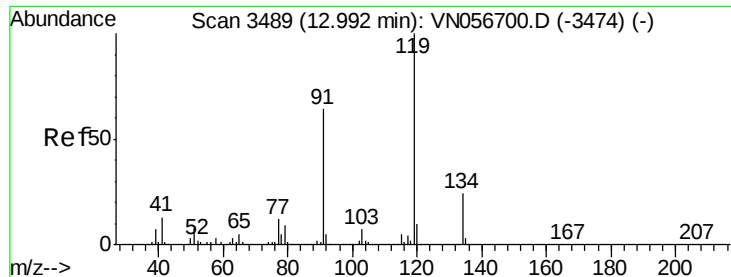
Tgt Ion: 91 Resp: 168812

Ion Ratio Lower Upper

91 100

126 35.9 17.6 52.8

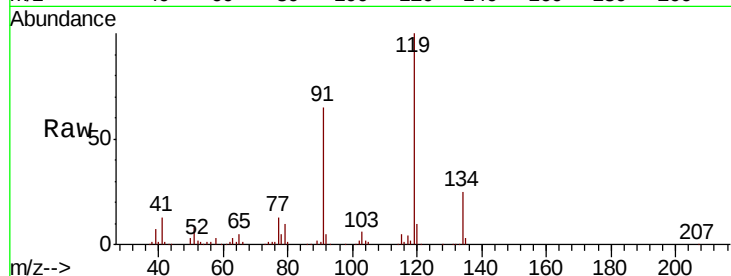




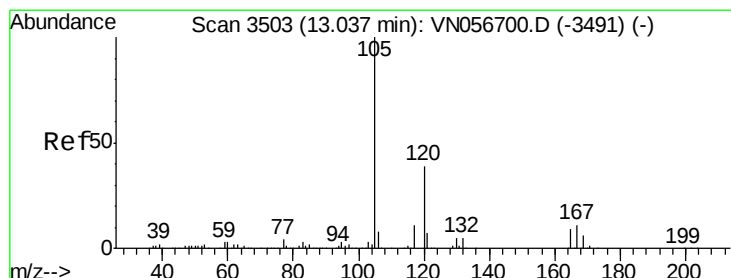
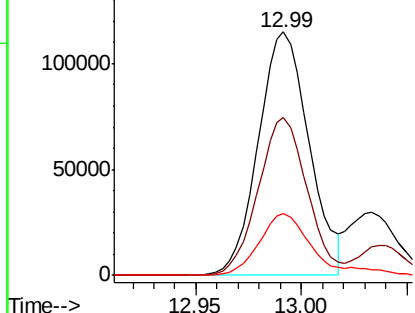
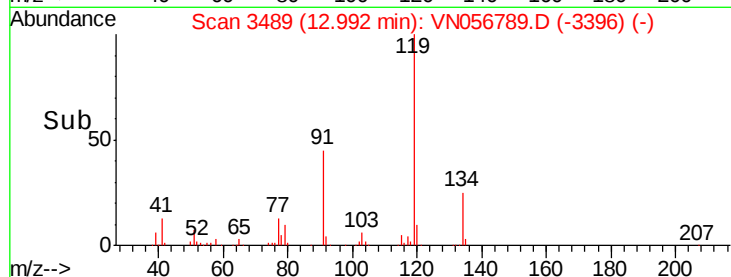
#83
tert-Butylbenzene
Concen: 19.530 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 192652
Ion Ratio Lower Upper
119 100
91 62.6 31.8 95.4
134 26.8 13.0 38.9

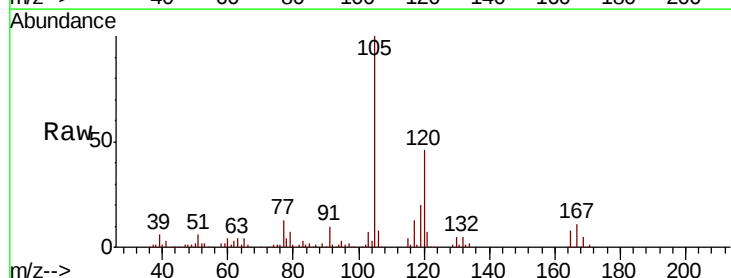


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

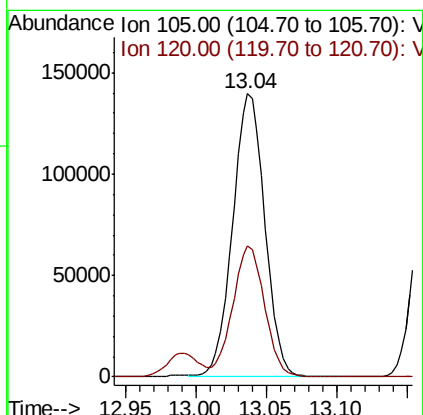
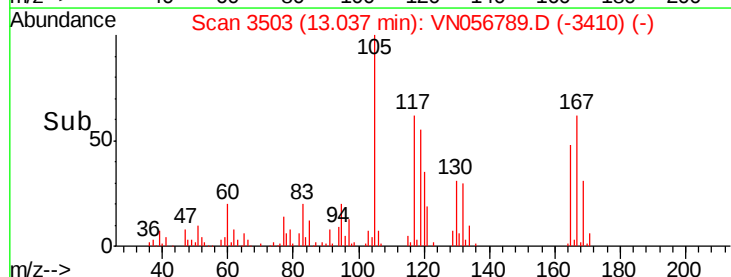


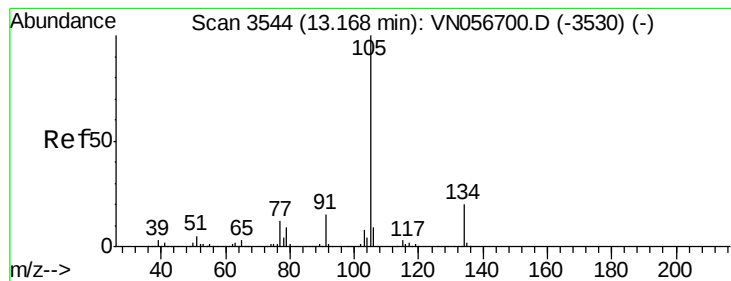
#84
1,2,4-Trimethylbenzene
Concen: 18.761 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056789.D
Acq: 17 Jul 2019 12:14

Tgt Ion:105 Resp: 221933
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 18.630 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

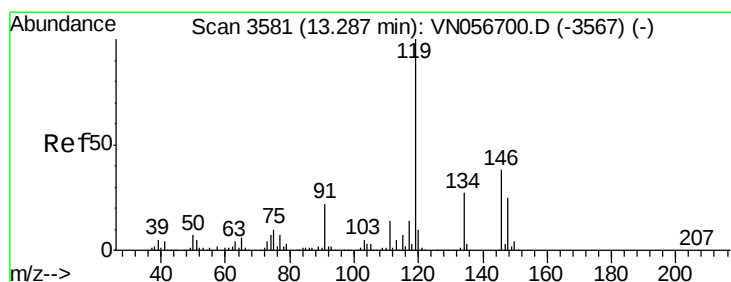
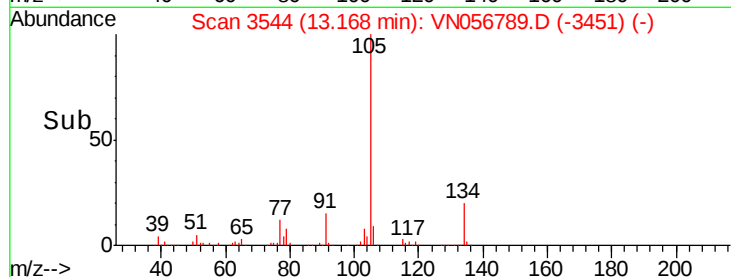
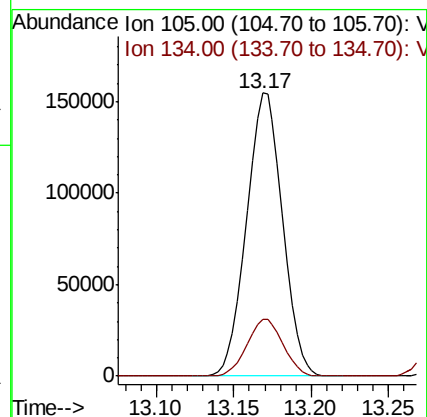
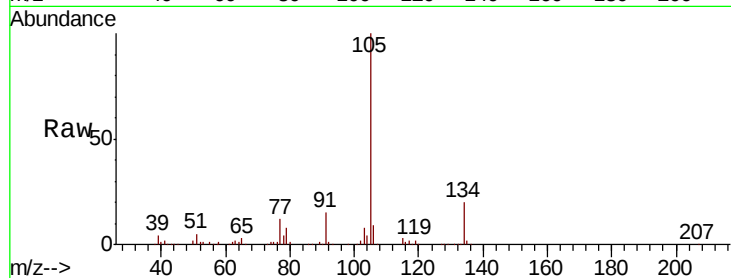
ClientSampled :

Tot Ion:105 Resp: 250660

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.337 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

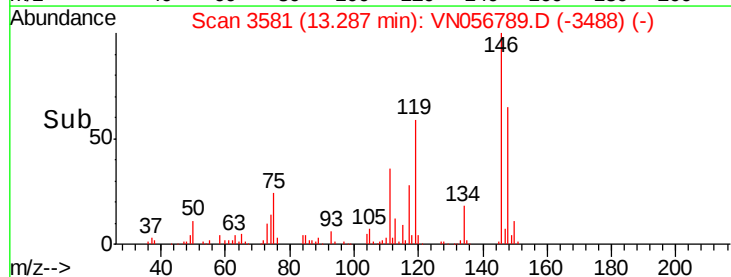
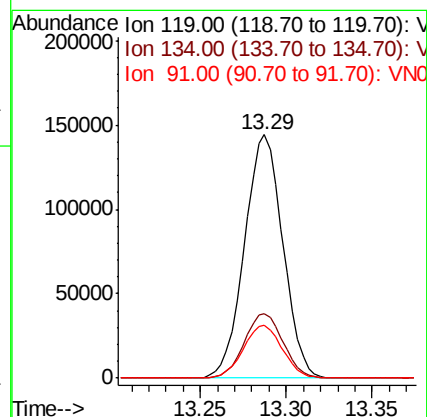
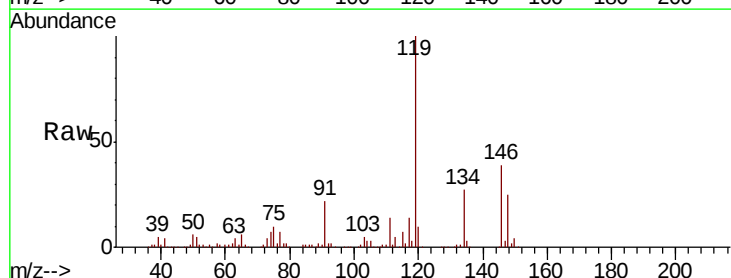
Tgt Ion:119 Resp: 223511

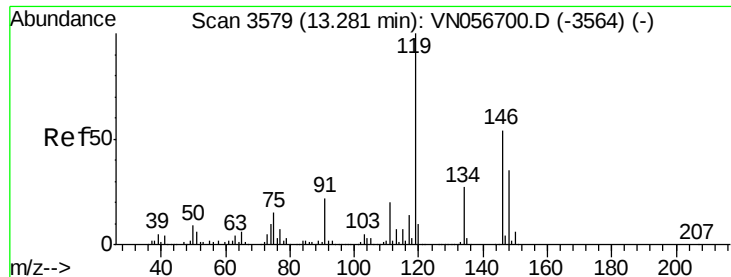
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.2 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 17.952 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

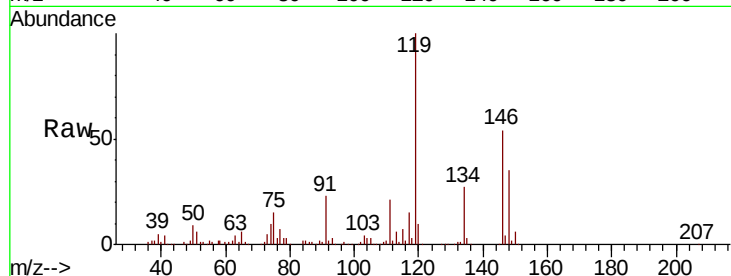
Tot Ion:146 Resp: 109941

Ion Ratio Lower Upper

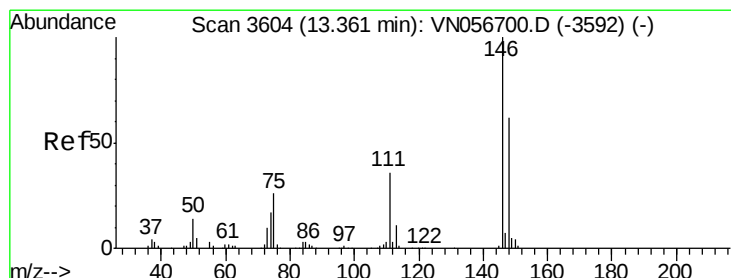
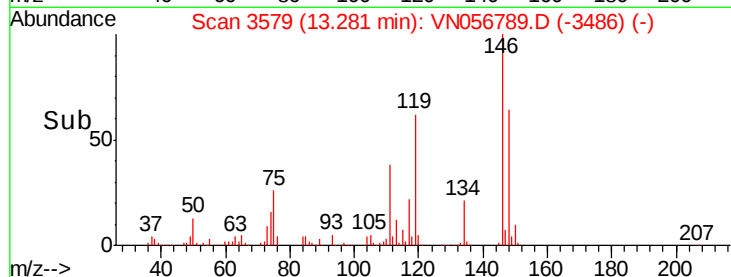
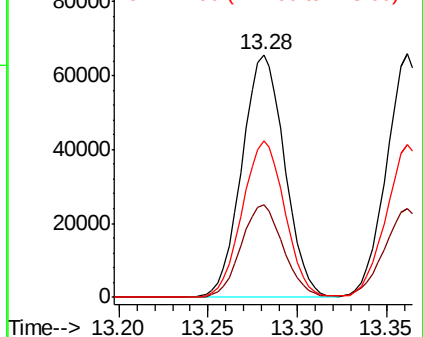
146 100

111 37.6 18.8 56.3

148 64.5 32.3 96.8



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



#88

1,4-Dichlorobenzene

Concen: 17.748 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

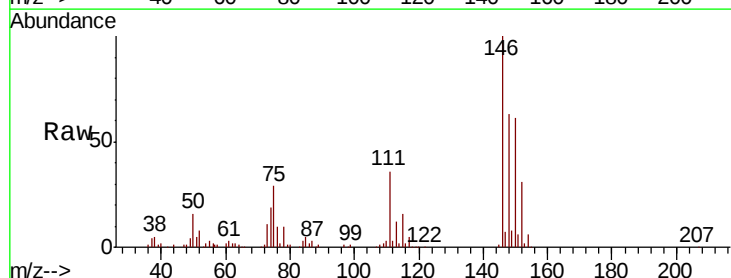
Tgt Ion:146 Resp: 105727

Ion Ratio Lower Upper

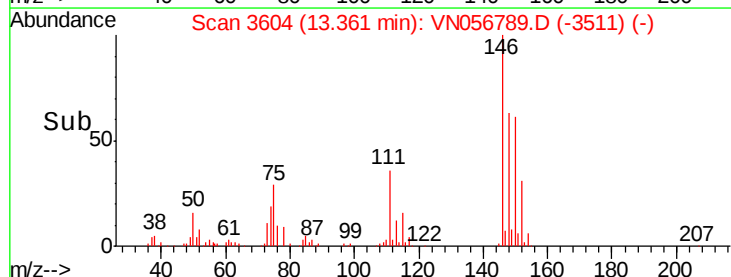
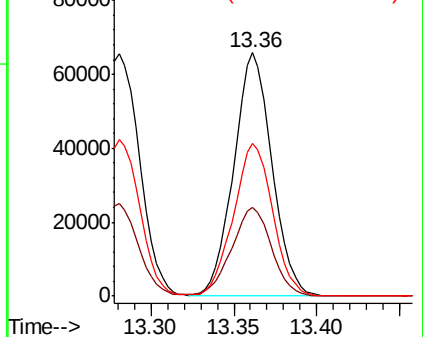
146 100

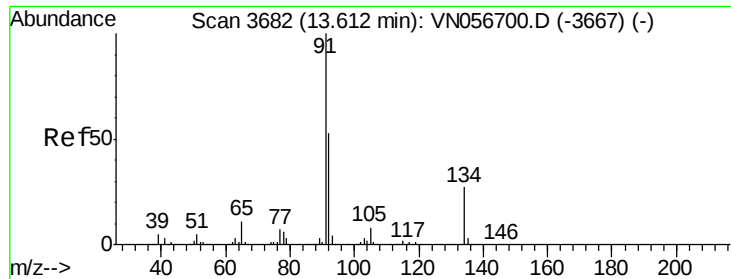
111 38.1 18.6 55.8

148 64.1 31.9 95.7



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





#89

n-Butylbenzene

Concen: 17.400 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

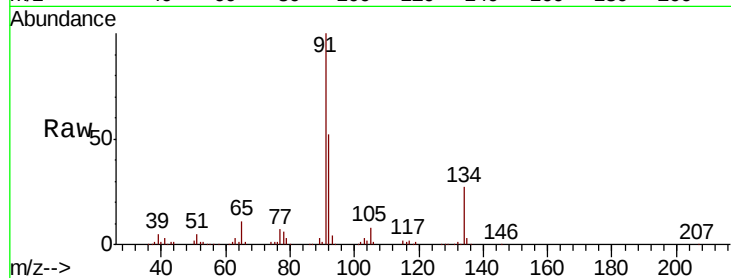
Tot Ion: 91 Resp: 170834

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

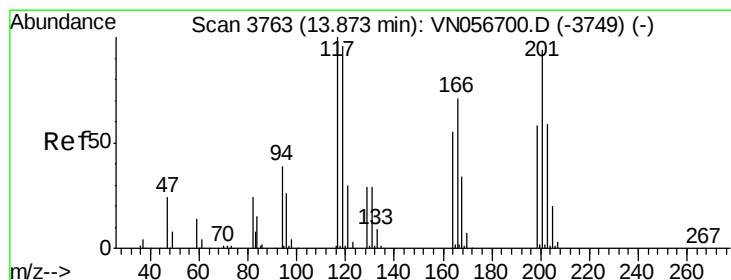
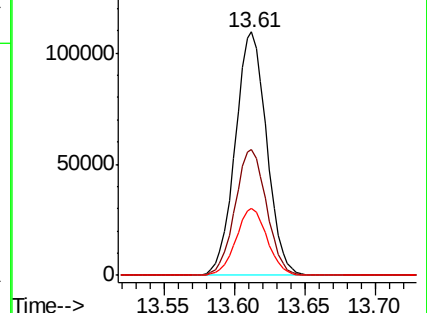
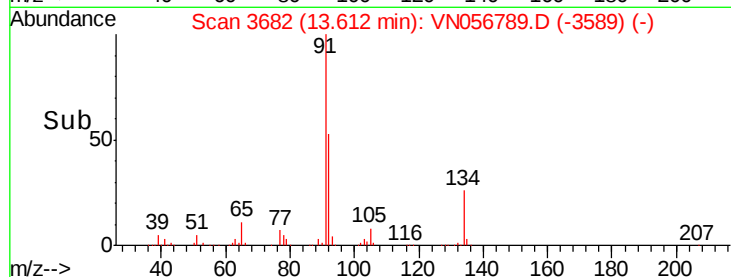
134 27.2 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056789.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN056789.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN056789.D (-3589) (-)



#90

Hexachloroethane

Concen: 17.230 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056789.D

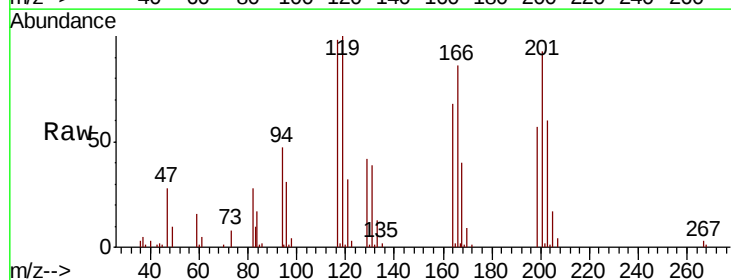
Acq: 17 Jul 2019 12:14

Tgt Ion: 117 Resp: 33962

Ion Ratio Lower Upper

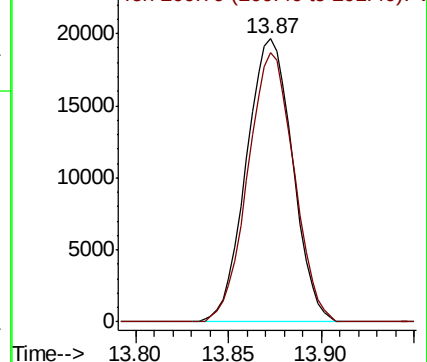
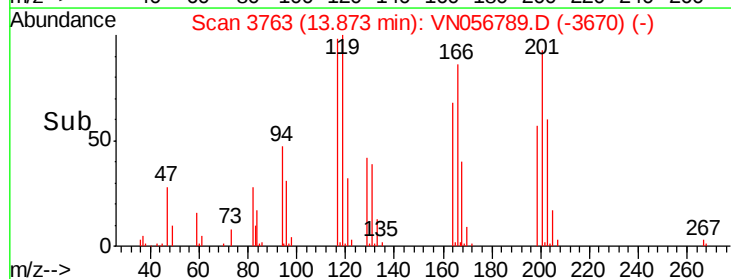
117 100

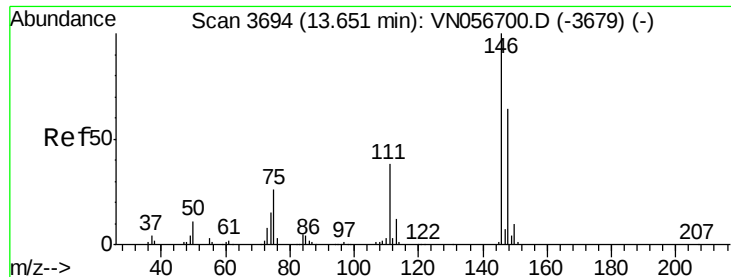
201 94.5 46.5 139.5



Abundance Ion 116.80 (116.50 to 117.50): VN056789.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN056789.D (-3670) (-)

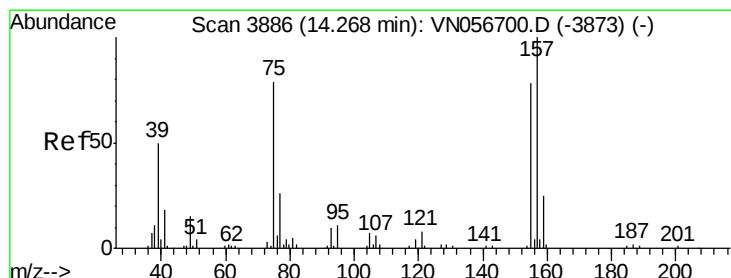
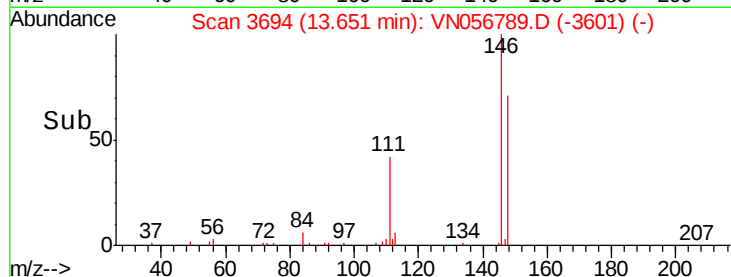
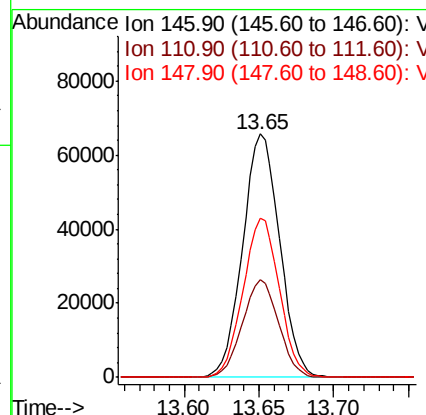
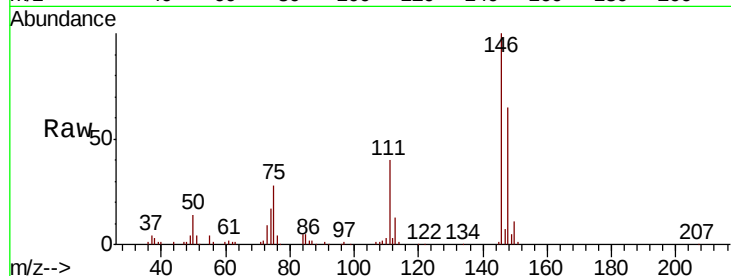




#91
 1,2-Dichlorobenzene
 Concen: 18.080 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

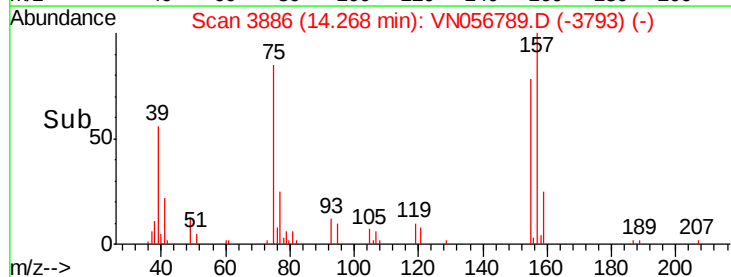
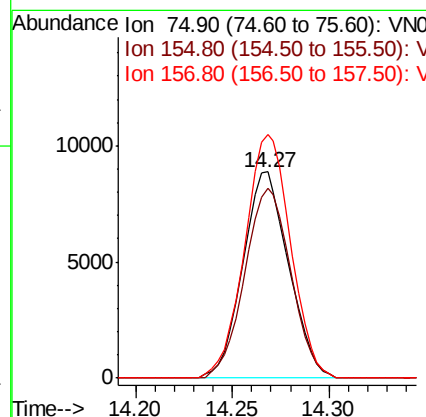
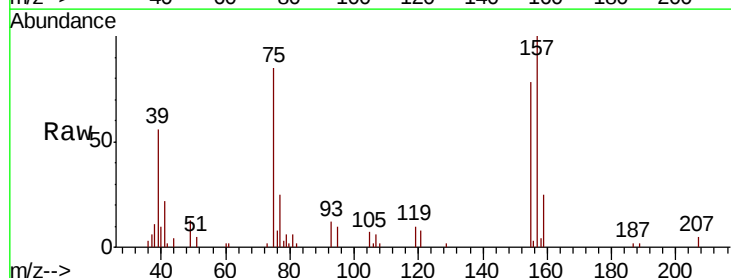
Instrument :
 MSVOA_N
 ClientSampleId :

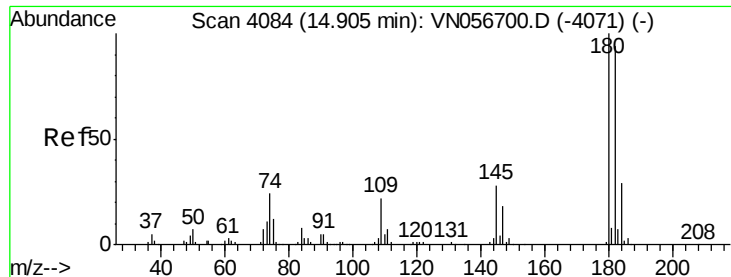
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	64.0	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.085 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	49.3	147.9
157	118.4	62.4	187.1

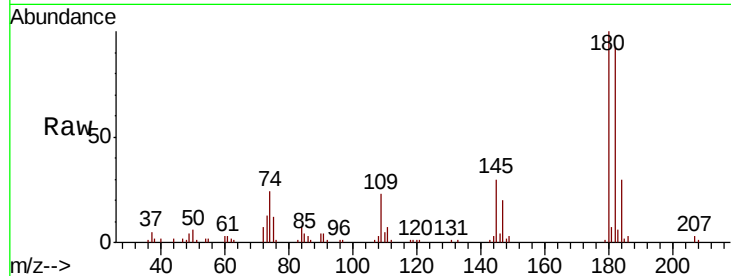




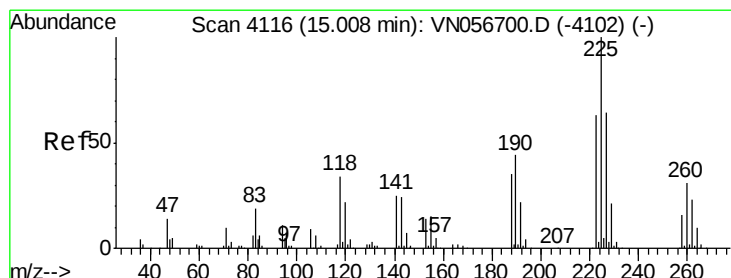
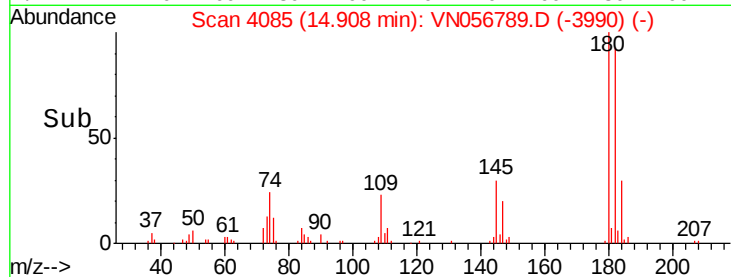
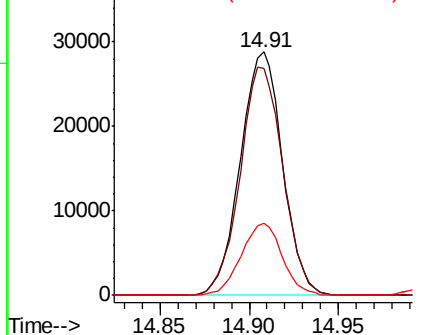
#93
 1,2,4-Trichlorobenzene
 Concen: 16.382 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 47415
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.2 141.6
 145 28.9 14.2 42.8

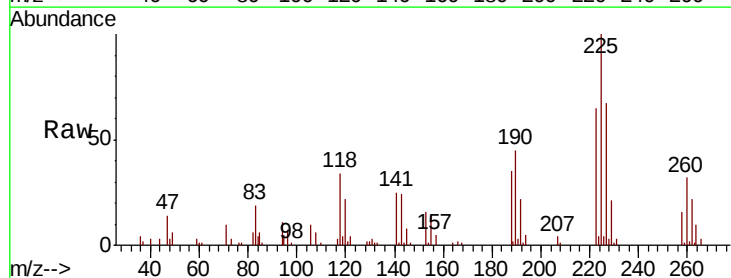


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

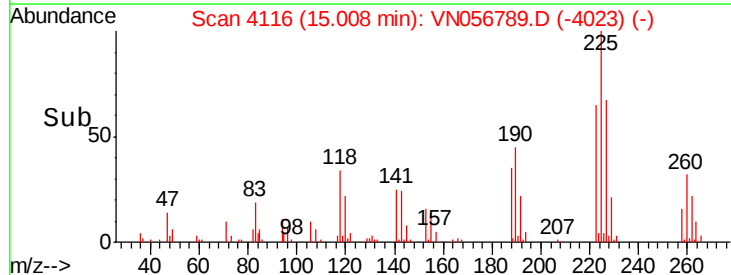
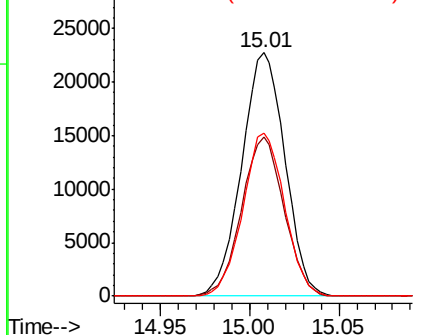


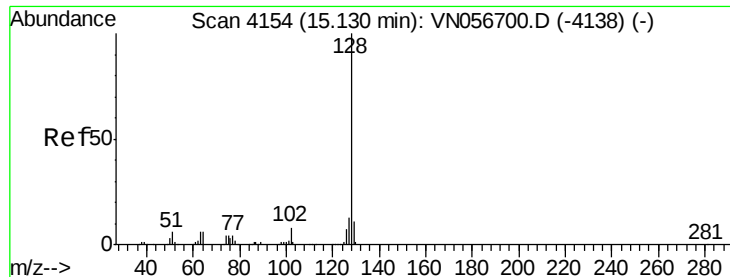
#94
 Hexachlorobutadiene
 Concen: 18.802 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056789.D
 Acq: 17 Jul 2019 12:14

Tgt Ion:225 Resp: 38584
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.5 94.5
 227 64.6 32.0 96.2



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: 15.807 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

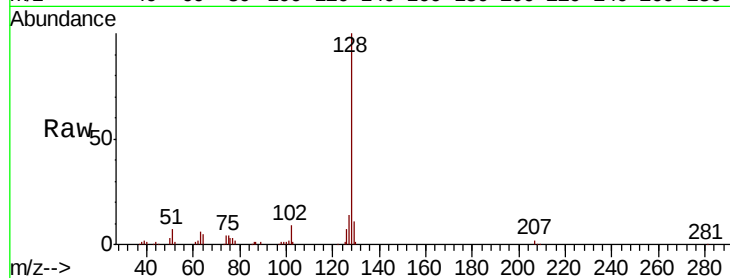
Tot Ion:128 Resp: 117758

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

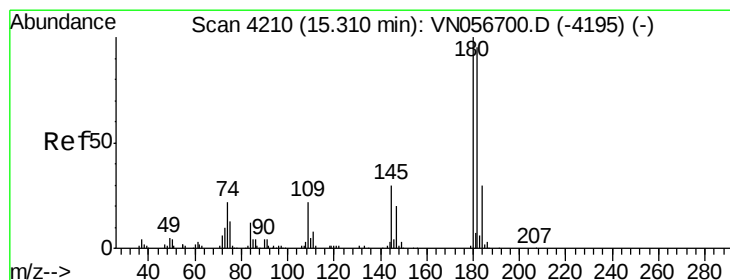
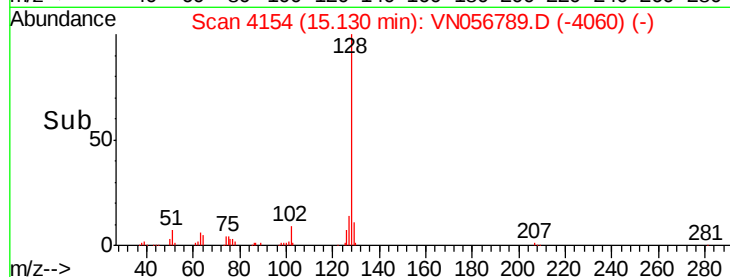
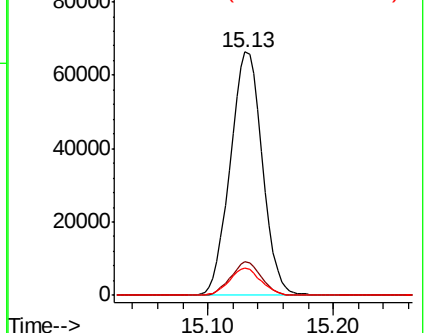
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.214 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056789.D

Acq: 17 Jul 2019 12:14

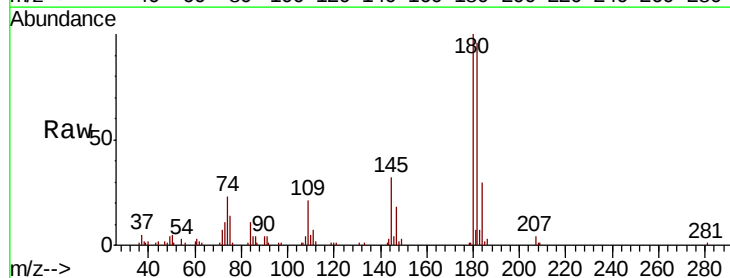
Tgt Ion:180 Resp: 51122

Ion Ratio Lower Upper

180 100

182 95.4 47.1 141.3

145 31.6 15.0 45.1



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

