

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055902.D
 Acq On : 30 May 2019 16:12
 Operator : JC/SP
 Sample : VN0530WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 31 04:49:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	50903	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	274039	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	236607	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	100923	30.33	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.10%
60) 4-Bromofluorobenzene	12.40	95	106195	28.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.17%
63) Toluene-d8	10.09	98	328150	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	41809	18.733 ug/l	98
3) Chloromethane	2.06	50	59386	18.707 ug/l	100
4) Vinyl Chloride	2.18	62	63216	19.511 ug/l	99
5) Bromomethane	2.54	94	42077	22.181 ug/l	98
6) Chloroethane	2.69	64	39480	20.858 ug/l	96
7) Trichlorofluoromethane	3.01	101	82834	20.378 ug/l	99
8) Diethyl Ether	3.40	74	37622	21.054 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	52518	20.448 ug/l	98
10) 1,1-Dichloroethene	3.72	96	52764	19.638 ug/l	96
11) Methyl Iodide	3.94	142	76419	19.938 ug/l	97
12) Methyl Acetate	4.33	43	66437	20.218 ug/l	97
13) Acrolein	3.60	56	42636	93.379 ug/l	99
14) Acrylonitrile	4.99	53	149141	99.550 ug/l	99
15) Acetone	3.82	58	45832	98.505 ug/l	98
16) Carbon Disulfide	4.04	76	127125	16.502 ug/l	98
17) Allyl chloride	4.31	41	87773	18.138 ug/l	95
18) Methylene Chloride	4.54	84	62178	20.206 ug/l	95
19) trans-1,2-Dichloroethene	5.03	96	57062	19.742 ug/l	97
20) Diisopropyl ether	5.95	45	182554	19.447 ug/l	100
21) 1,1-Dichloroethane	5.85	63	104722	19.739 ug/l	100
22) cis-1,2-Dichloroethene	6.82	96	67993	20.171 ug/l	96
23) tert-Butyl Alcohol	4.82	59	59390	90.265 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	177918	19.516 ug/l	100
25) Chloroform	7.37	83	104990	20.036 ug/l	97
26) Cyclohexane	7.65	56	93475	19.098 ug/l	# 98
29) 1,1-Dichloropropene	7.79	75	77297	20.149 ug/l	98
30) 2-Butanone	6.84	43	203344	99.446 ug/l	98
31) 2,2-Dichloropropane	6.82	77	81107	18.168 ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	88353	19.431 ug/l	99
33) Carbon Tetrachloride	7.77	117	74125	18.223 ug/l	97
34) Benzene	8.04	78	242444	20.470 ug/l	100
35) Methacrylonitrile	7.17	41	34312	18.180 ug/l	97
36) 1,2-Dichloroethane	8.12	62	81688	21.105 ug/l	99
37) Trichloroethene	8.83	130	65709	19.884 ug/l	97
38) Methylcyclohexane	9.08	83	95466	19.641 ug/l	98
39) 1,2-Dichloropropane	9.12	63	63646	19.989 ug/l	97
40) Dibromomethane	9.21	93	42247	20.548 ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	78304	18.583	ug/l	98
42) Vinyl Acetate	5.90	43	764381	96.283	ug/l	100
43) Ethyl Acetate	6.93	43	82972	20.644	ug/l #	100
44) Isopropyl Acetate	8.17	43	126536	19.012	ug/l #	86
45) 1,4-Dioxane	9.20	88	26532	423.742	ug/l	93
46) Methyl methacrylate	9.20	41	60198	19.386	ug/l	98
47) n-amyl Acetate	12.07	43	99745	18.119	ug/l	95
48) t-1,3-Dichloropropene	10.38	75	80878	17.388	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	94790	18.618	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	61583	20.575	ug/l	99
51) Ethyl methacrylate	10.43	69	91841	19.037	ug/l	99
52) 1,3-Dichloropropane	10.71	76	100265	20.323	ug/l	99
53) Dibromochloromethane	10.90	129	60581	17.133	ug/l	99
54) 1,2-Dibromoethane	11.01	107	63135	20.384	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	169962	90.544	ug/l	99
56) Bromoform	12.13	173	41635	14.355	ug/l #	97
58) 4-Methyl-2-Pentanone	9.99	43	398520	101.743	ug/l	99
59) 2-Hexanone	10.75	43	275145	98.257	ug/l	100
61) Tetrachloroethene	10.63	164	65386	20.414	ug/l	96
62) Toluene	10.16	91	266274	20.928	ug/l	100
64) Chlorobenzene	11.43	112	158753	20.568	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	59765	19.218	ug/l	99
66) Ethyl Benzene	11.51	91	284276	20.449	ug/l	98
67) m/p-Xylenes	11.62	106	213836	40.491	ug/l	99
68) o-Xylene	11.95	106	107181	20.509	ug/l	100
69) Styrene	11.96	104	169180	19.622	ug/l	99
70) Isopropylbenzene	12.25	105	279958	20.474	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	85861	20.404	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	100353	27.709	ug/l	68
73) Bromobenzene	12.53	156	71000	19.627	ug/l	99
74) n-propylbenzene	12.59	91	294321	19.958	ug/l	100
75) 2-Chlorotoluene	12.67	91	182100	20.215	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	228295	20.199	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	20517	14.262	ug/l	84
78) 4-Chlorotoluene	12.77	91	165863	19.427	ug/l	100
79) tert-butylbenzene	12.99	119	202601	20.390	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	221799	19.768	ug/l	99
81) sec-Butylbenzene	13.17	105	257879	20.427	ug/l	99
82) p-Isopropyltoluene	13.29	119	227519	19.582	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	105990	18.691	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	97601	18.073	ug/l	99
85) n-Butylbenzene	13.61	91	161935	17.915	ug/l	99
86) Hexachloroethane	13.87	117	36259	15.866	ug/l	89
87) 1,2-Dichlorobenzene	13.65	146	109073	19.102	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	13239	16.599	ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	43449	14.097	ug/l	99
90) Hexachlorobutadiene	15.01	225	38146	16.587	ug/l	97
91) Naphthalene	15.13	128	127561	15.147	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	50978	15.825	ug/l	97

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 23 05:54:54 2019
Response via : Initial Calibration

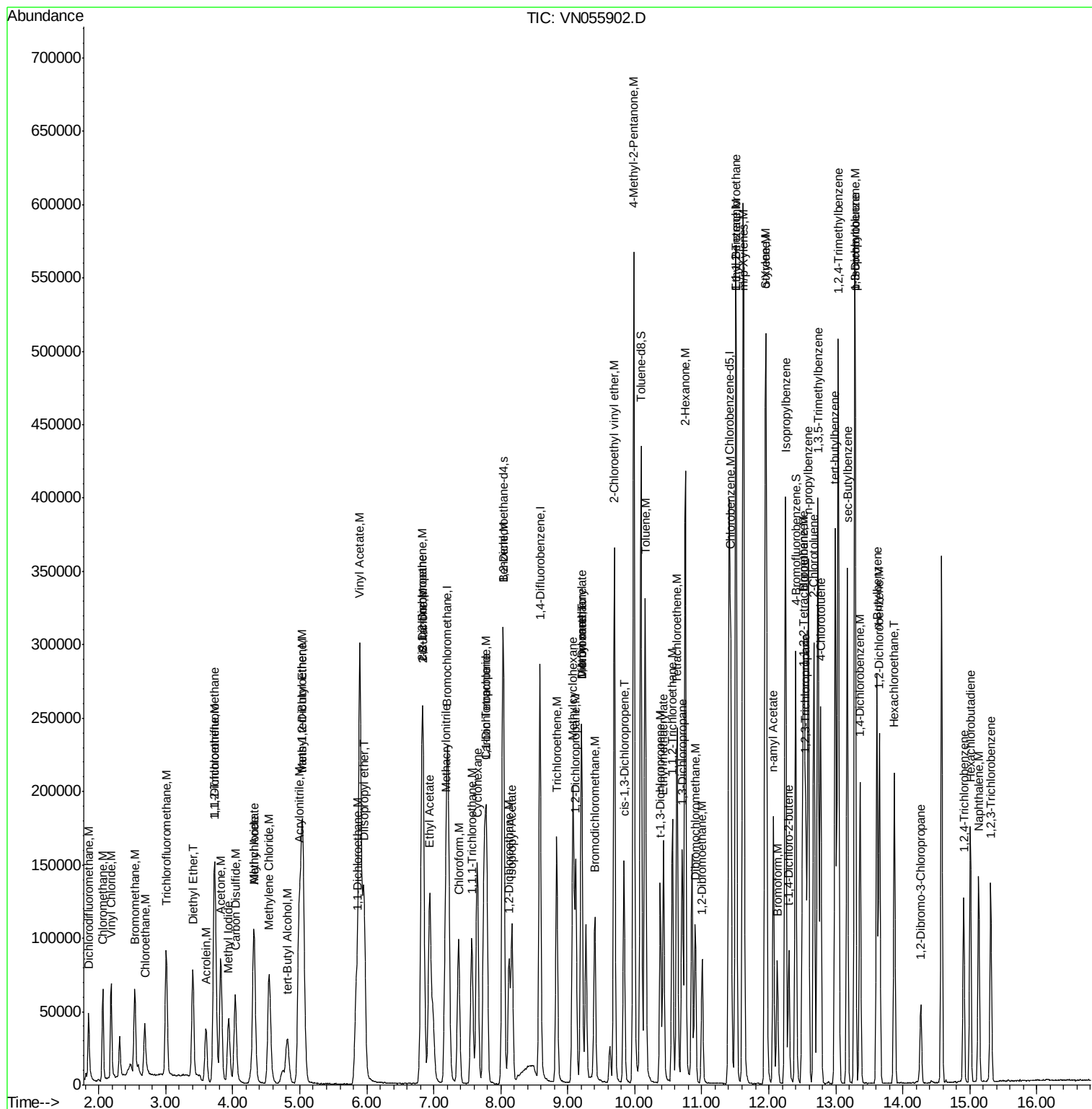
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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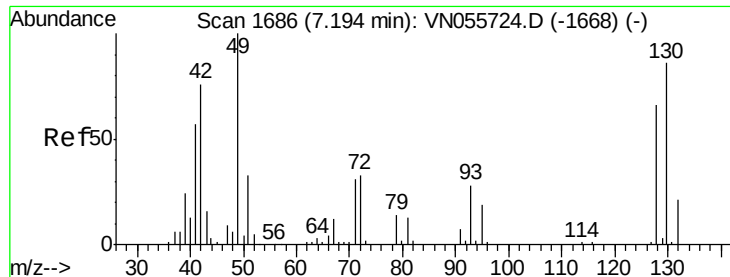
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053019\
Data File : VN055902.D
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 31 04:49:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 23 05:54:54 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampled :

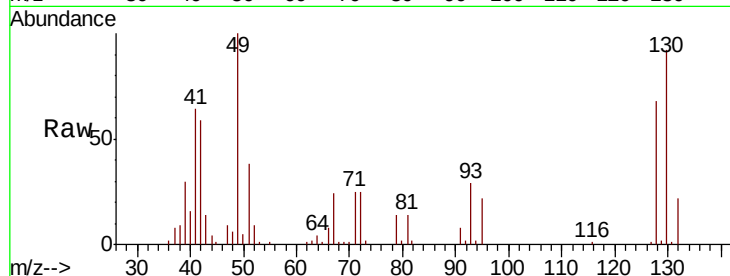
Tot Ion:128 Resp: 50903

Ion Ratio Lower Upper

128 100

49 146.3 0.0 383.2

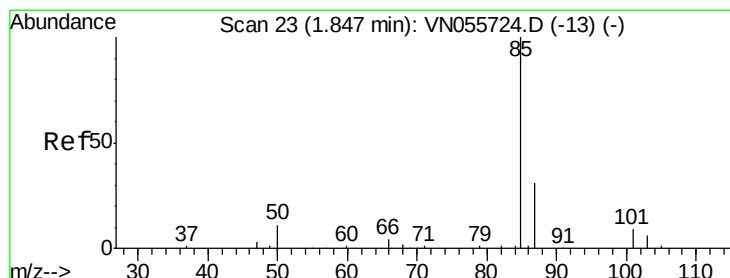
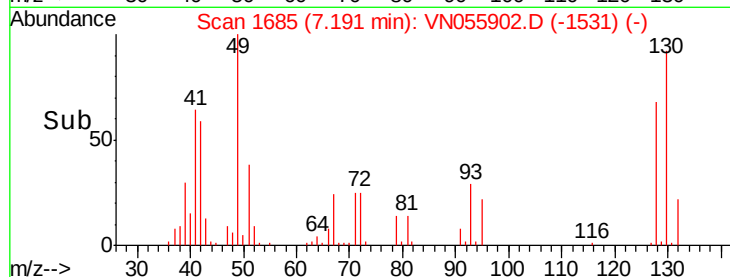
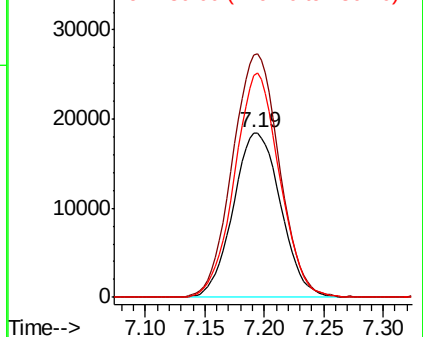
130 129.6 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.733 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055902.D

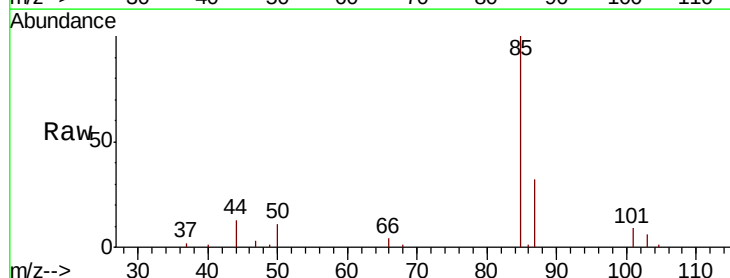
Acq: 30 May 2019 16:12

Tgt Ion: 85 Resp: 41809

Ion Ratio Lower Upper

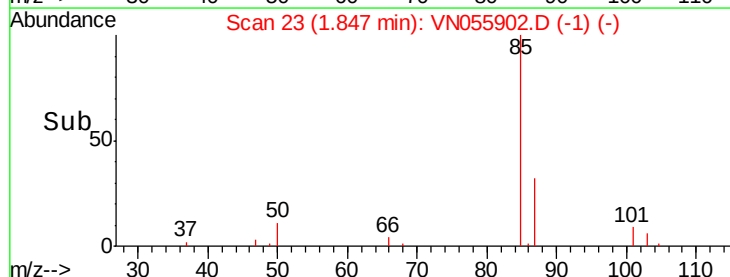
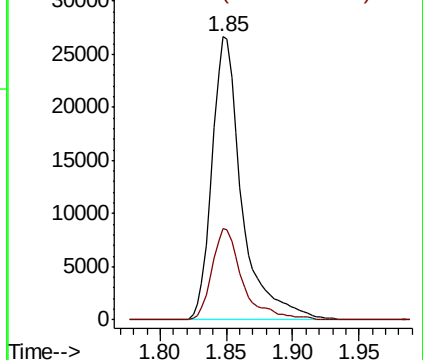
85 100

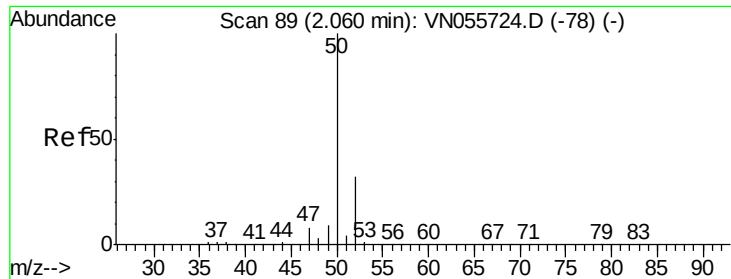
87 32.1 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

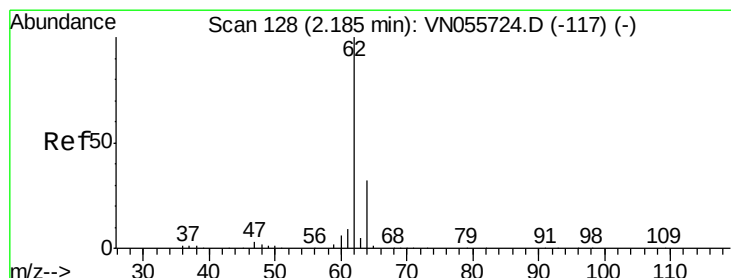
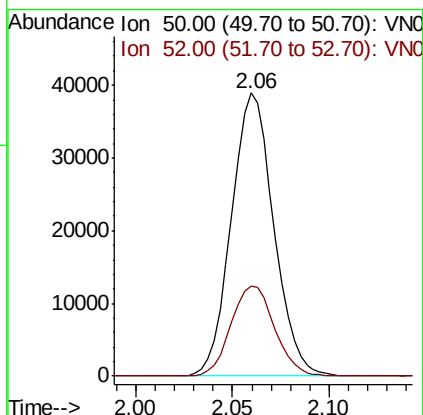
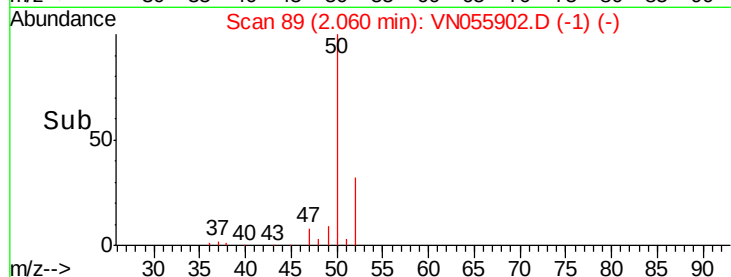
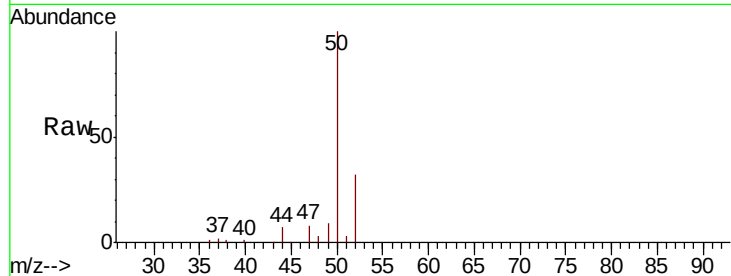




#3
Chloromethane
Concen: 18.707 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

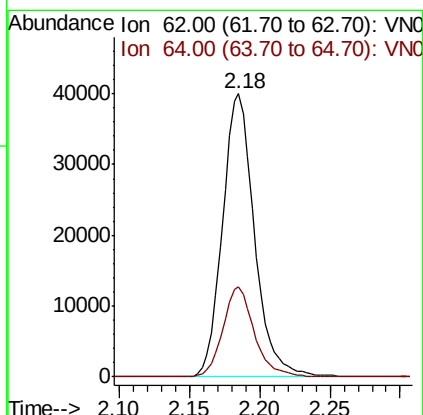
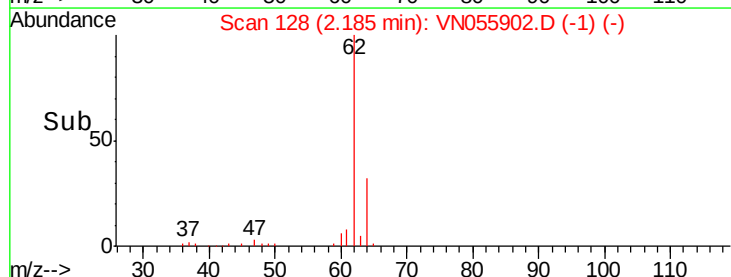
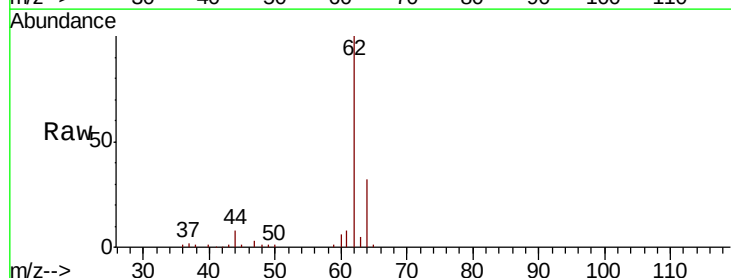
Instrument :
MSVOA_N
ClientSampled :

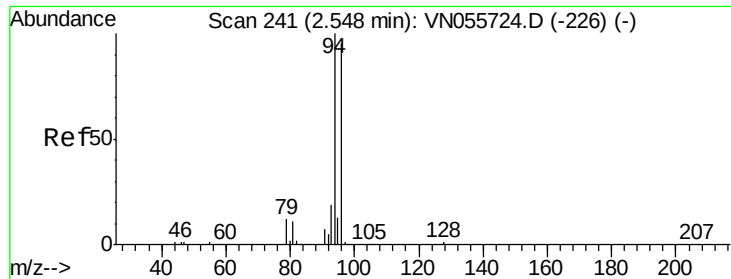
Tot Ion: 50 Resp: 59386
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 19.511 ug/l
RT: 2.18 min Scan# 128
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion: 62 Resp: 63216
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5

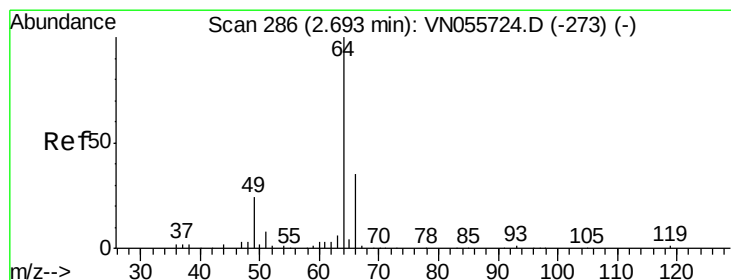
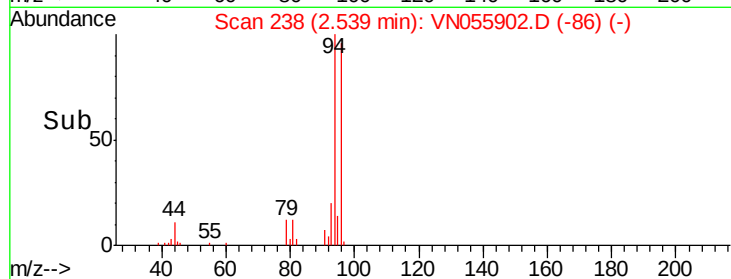
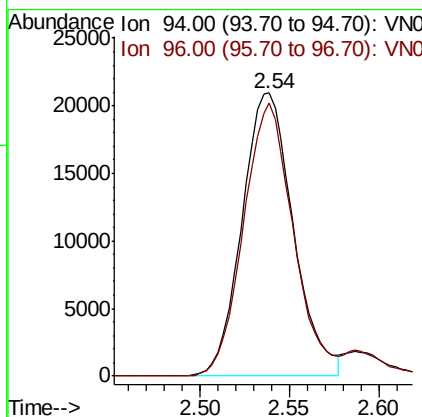
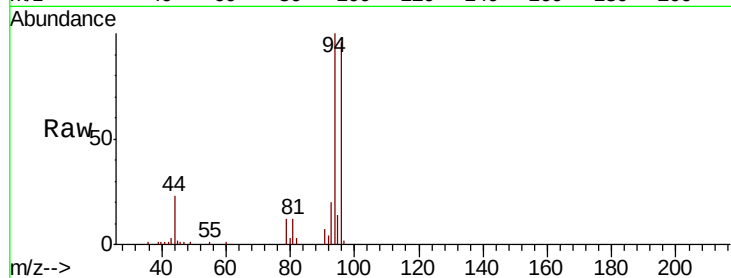




#5
Bromomethane
Concen: 22.181 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

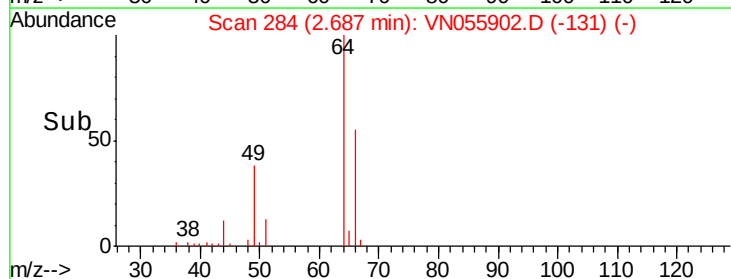
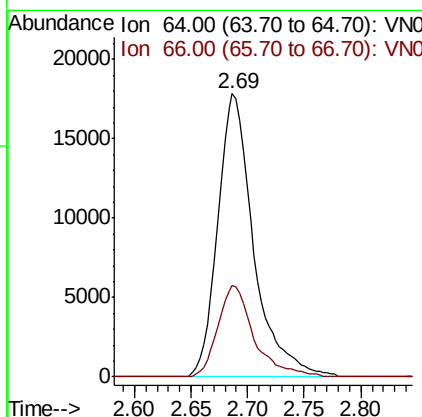
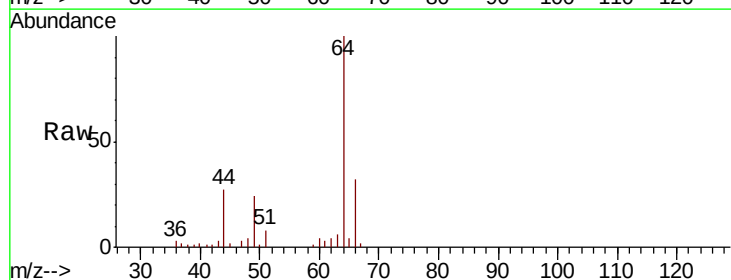
Instrument :
MSVOA_N
ClientSampleId :

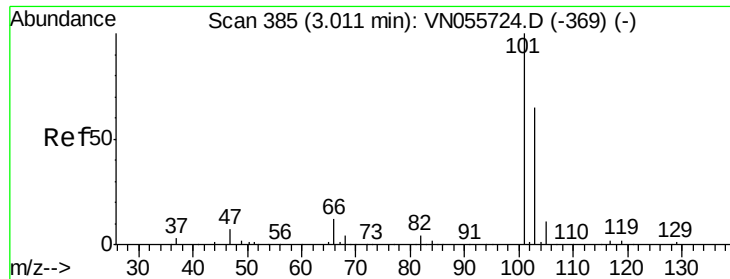
Tot Ion: 94 Resp: 42077
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.8



#6
Chloroethane
Concen: 20.858 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.01 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion: 64 Resp: 39480
Ion Ratio Lower Upper
64 100
66 32.3 27.9 41.9



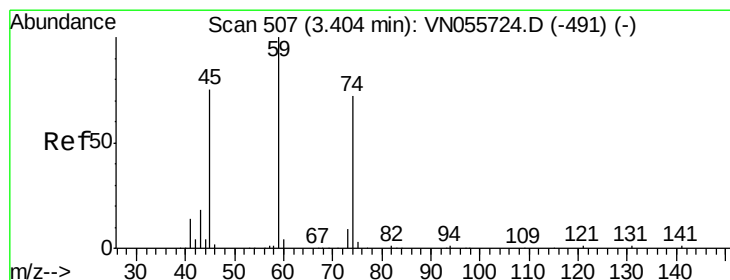
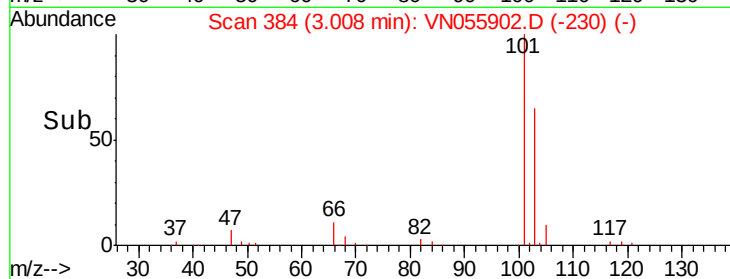
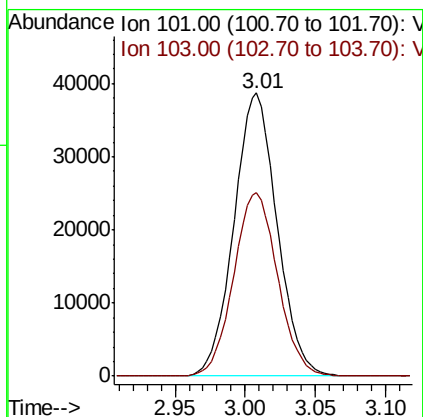
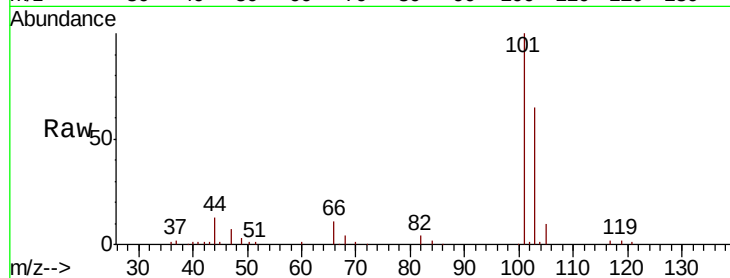


#7

Trichlorofluoromethane
 Concen: 20.378 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Instrument :
 MSVOA_N
 ClientSampled :

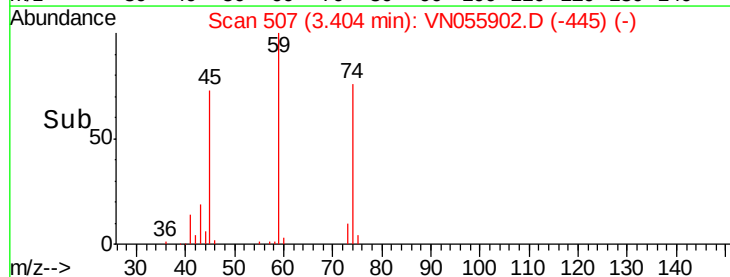
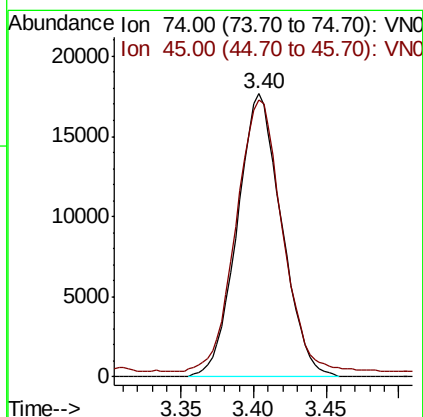
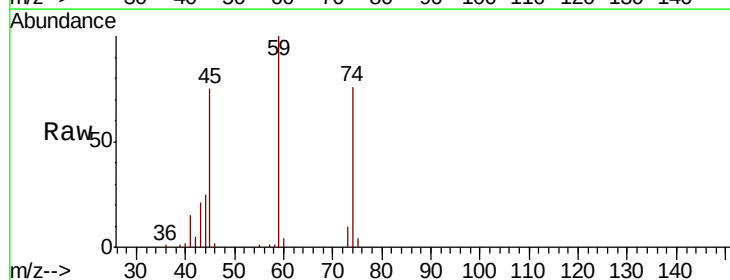
Tot Ion:101 Resp: 82834
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.6 78.8

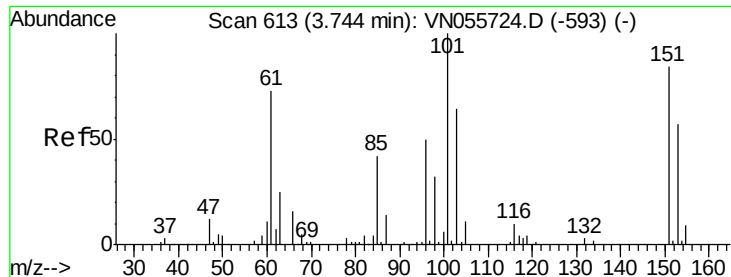


#8

Diethyl Ether
 Concen: 21.054 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion: 74 Resp: 37622
 Ion Ratio Lower Upper
 74 100
 45 98.9 20.4 184.0

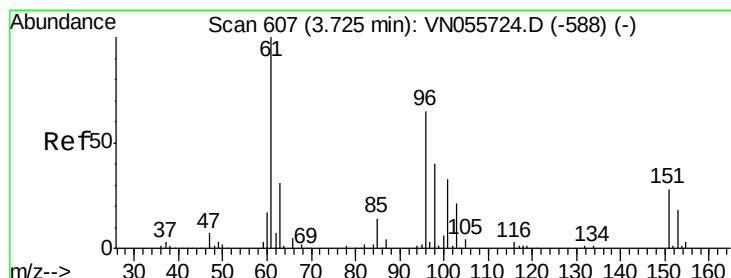
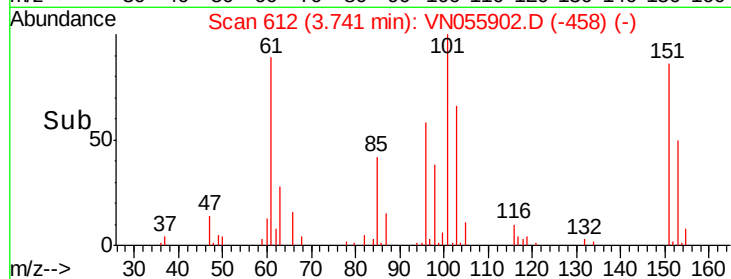
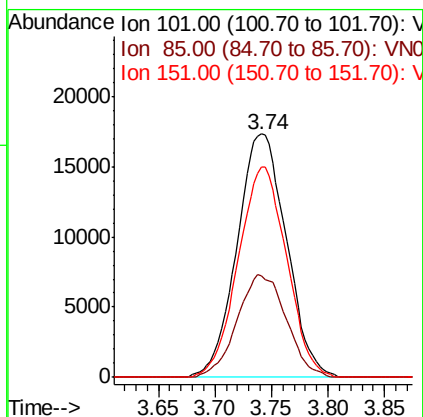
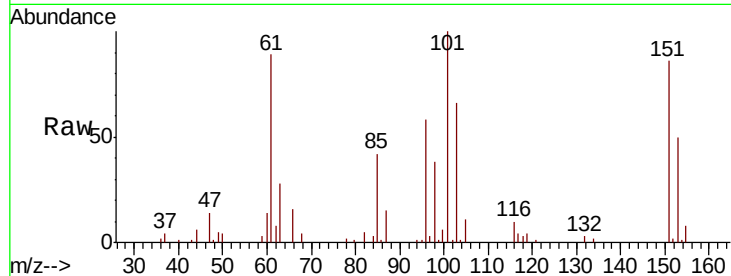




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.448 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

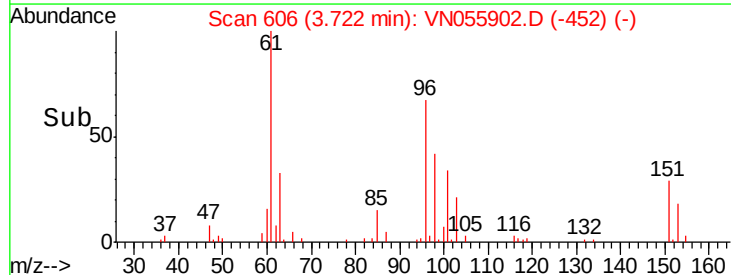
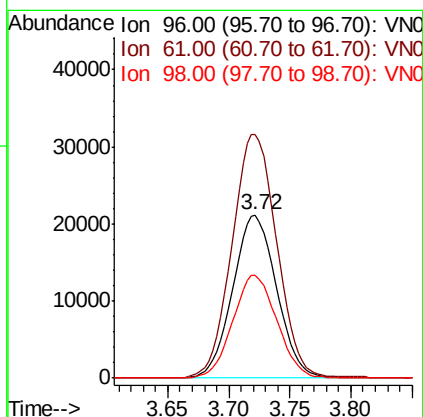
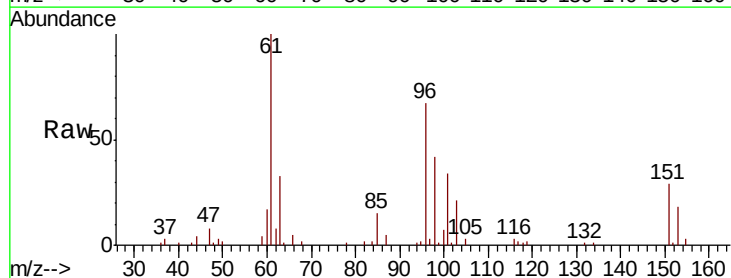
Instrument :
 MSVOA_N
 ClientSampleId :

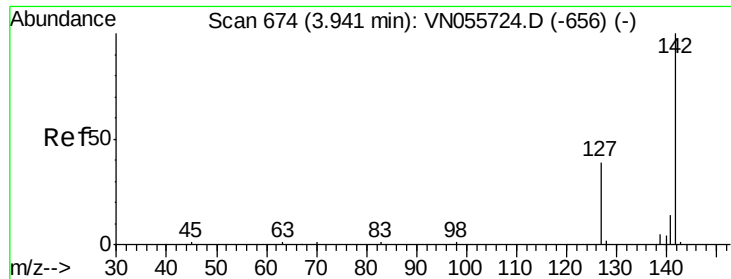
Tot Ion:101 Resp: 52518
 Ion Ratio Lower Upper
 101 100
 85 42.0 0.0 86.6
 151 84.8 0.0 172.2



#10
 1,1-Dichloroethene
 Concen: 19.638 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion: 96 Resp: 52764
 Ion Ratio Lower Upper
 96 100
 61 148.3 123.7 185.5
 98 62.7 50.0 75.0

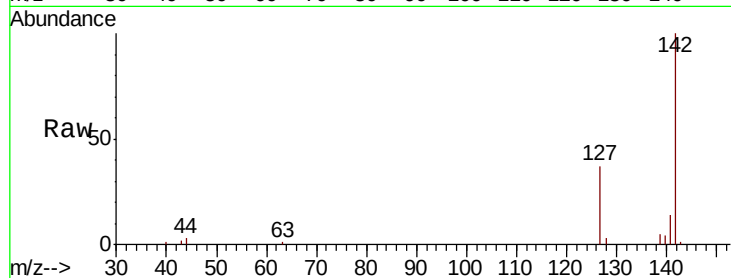




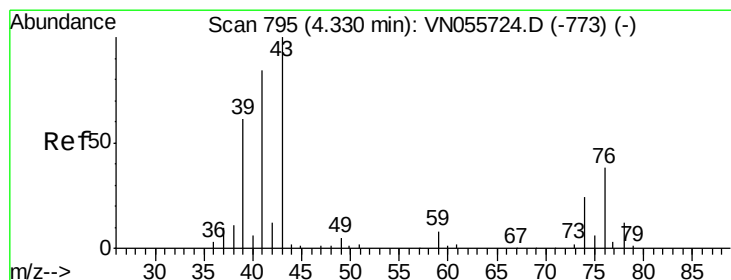
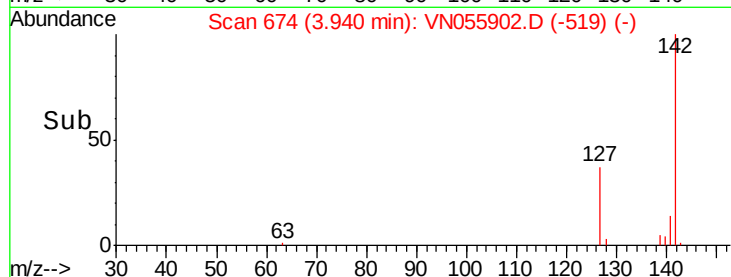
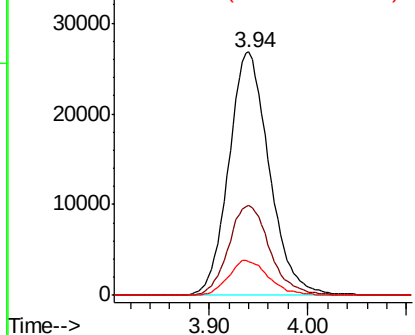
#11
Methyl Iodide
Concen: 19.938 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:142 Resp: 76419
Ion Ratio Lower Upper
142 100
127 37.0 19.6 58.7
141 14.0 6.9 20.6

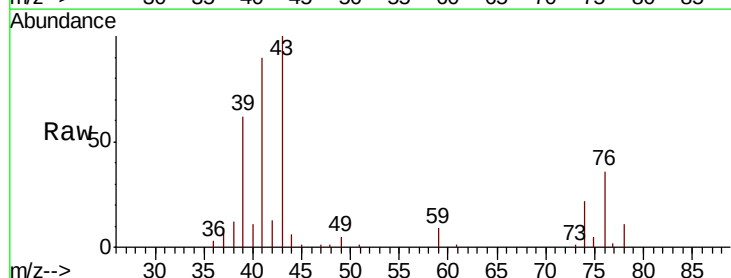


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

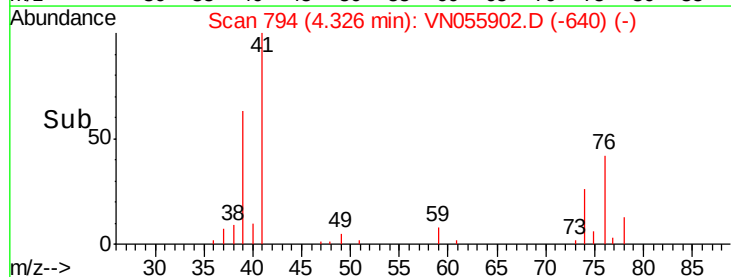
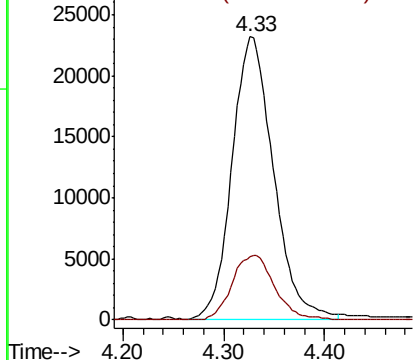


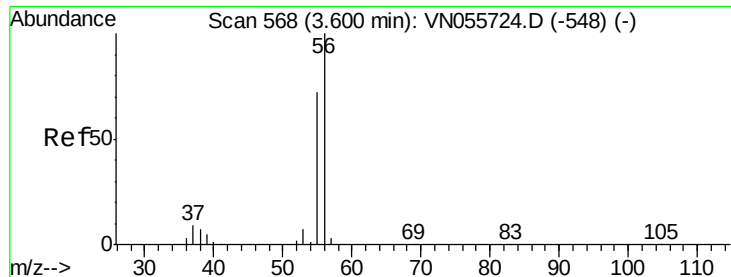
#12
Methyl Acetate
Concen: 20.218 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion: 43 Resp: 66437
Ion Ratio Lower Upper
43 100
74 22.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 93.379 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

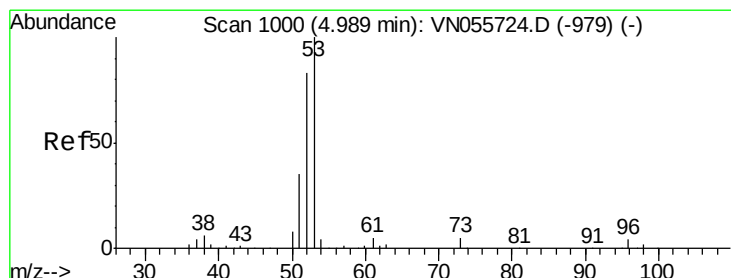
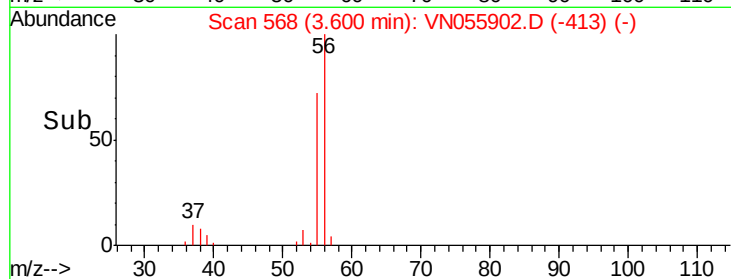
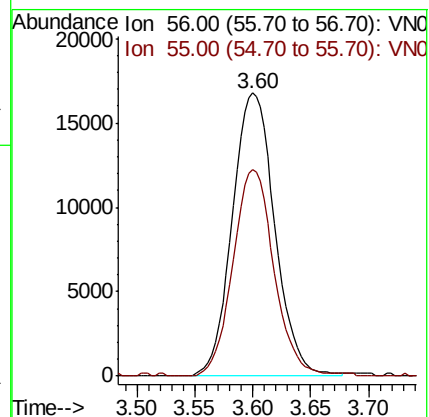
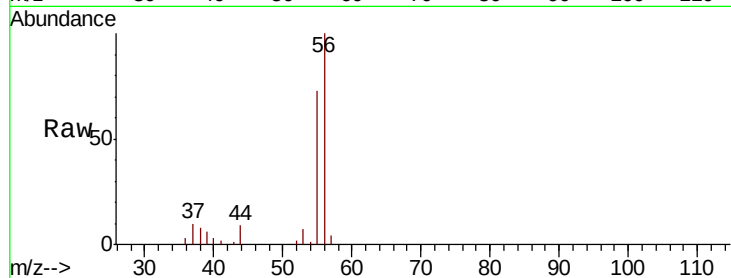
ClientSampleId :

Tot Ion: 56 Resp: 42636

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.6



#14

Acrylonitrile

Concen: 99.550 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

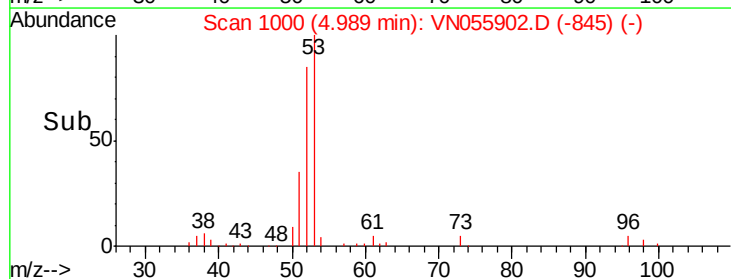
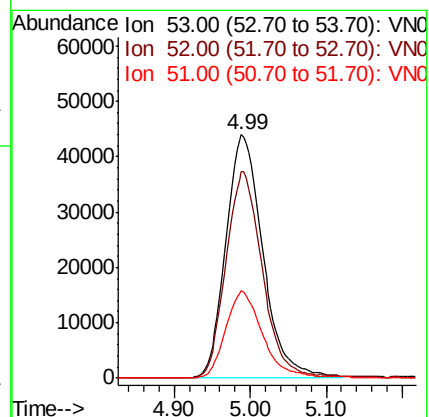
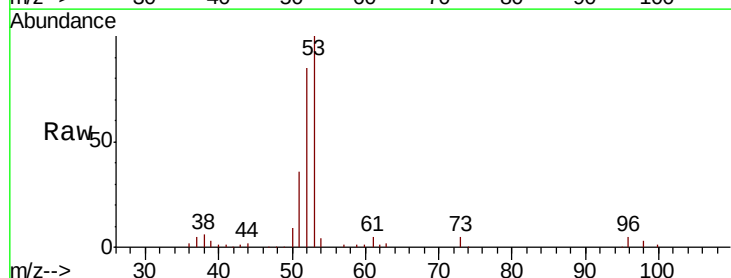
Tgt Ion: 53 Resp: 149141

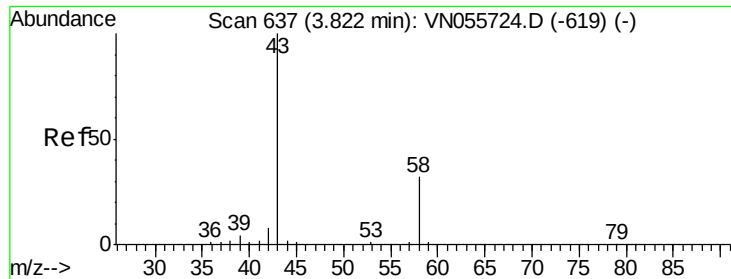
Ion Ratio Lower Upper

53 100

52 82.7 41.1 123.4

51 35.6 17.5 52.6





#15

Acetone

Concen: 98.505 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

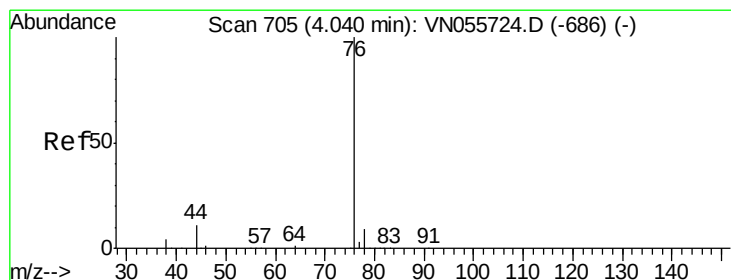
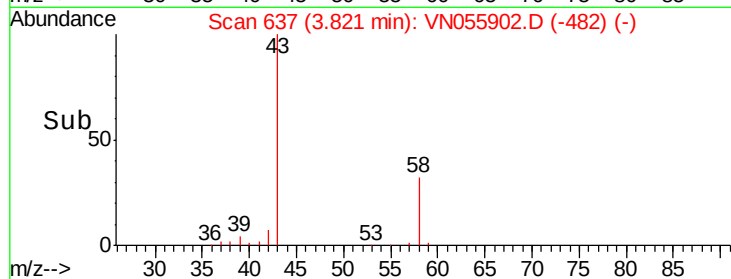
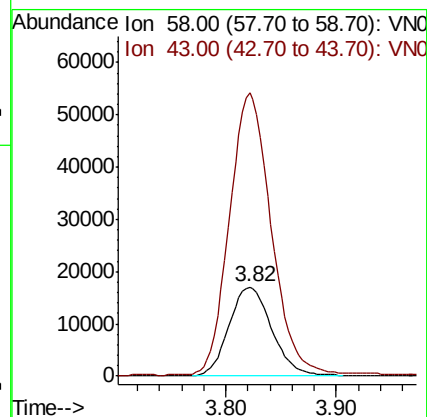
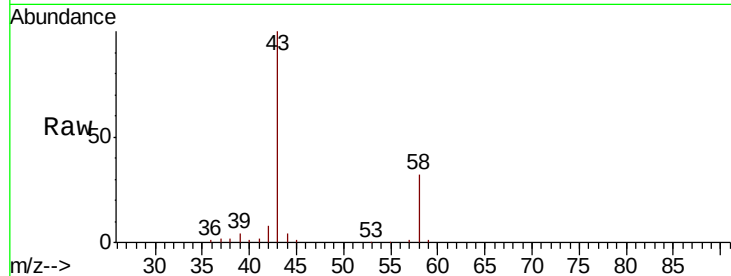
ClientSampled :

Tot Ion: 58 Resp: 45832

Ion Ratio Lower Upper

58 100

43 314.1 248.8 373.2



#16

Carbon Disulfide

Concen: 16.502 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055902.D

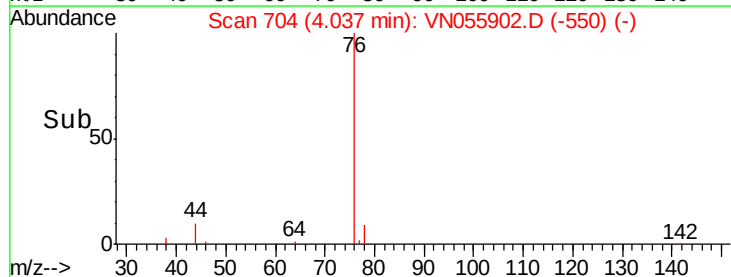
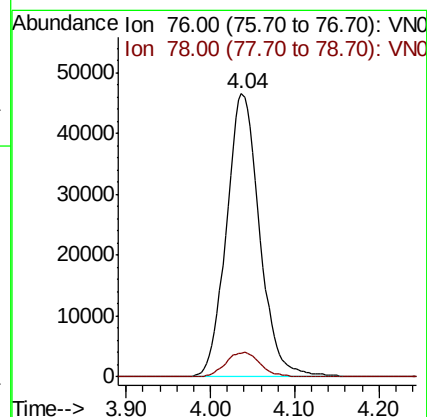
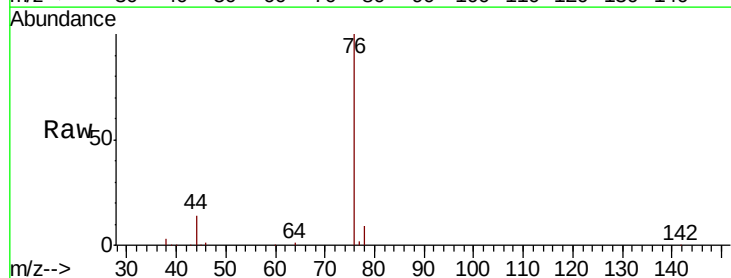
Acq: 30 May 2019 16:12

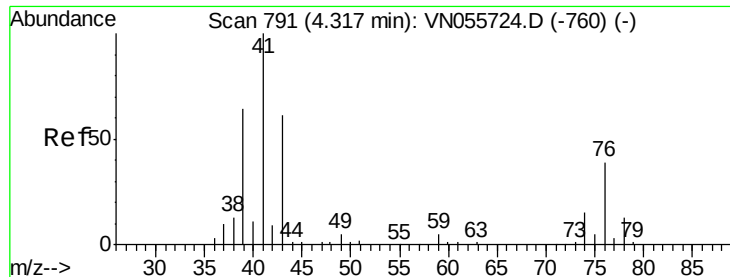
Tgt Ion: 76 Resp: 127125

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0





#17

Allvl chloride

Concen: 18.138 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

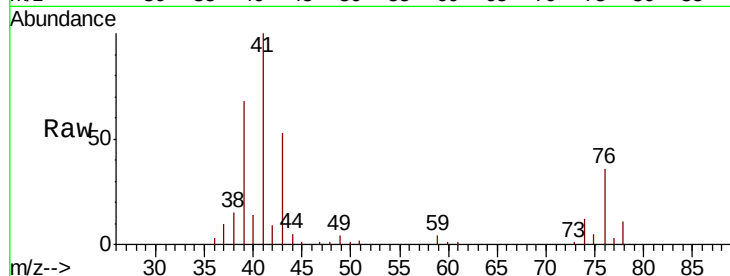
Tot Ion: 41 Resp: 87773

Ion Ratio Lower Upper

41 100

39 67.9 31.8 95.3

76 36.4 19.3 57.9

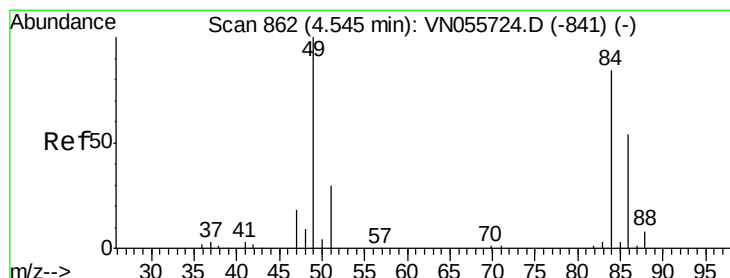
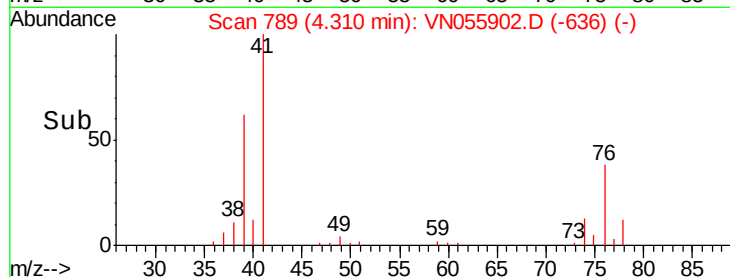
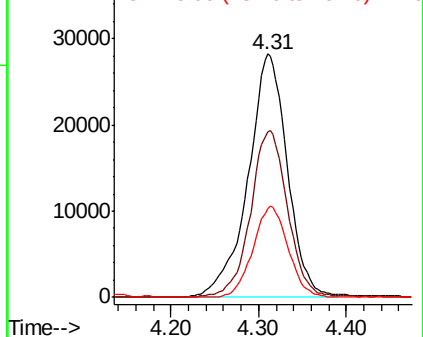


Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 76.00 (75.70 to 76.70): VN0



#18

Methylene Chloride

Concen: 20.206 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Tgt Ion: 84 Resp: 62178

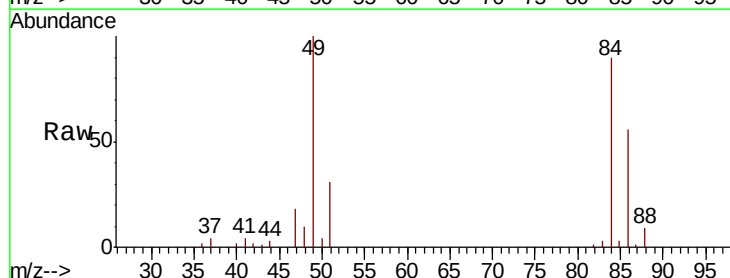
Ion Ratio Lower Upper

84 100

49 111.3 94.7 142.1

51 34.1 28.6 43.0

86 62.3 51.0 76.6



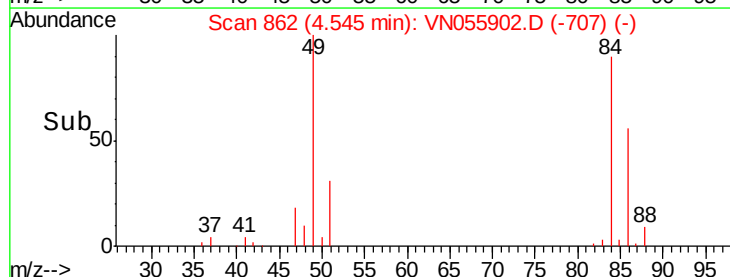
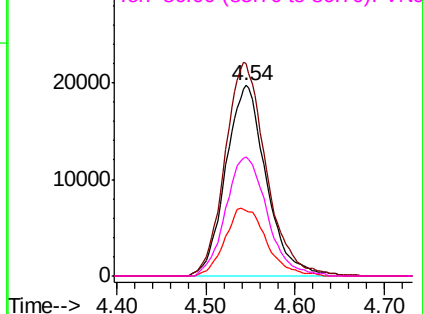
Abundance

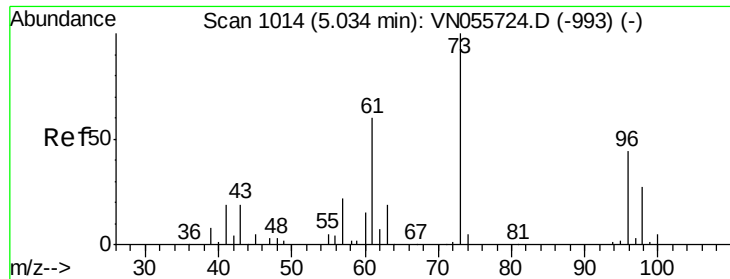
Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

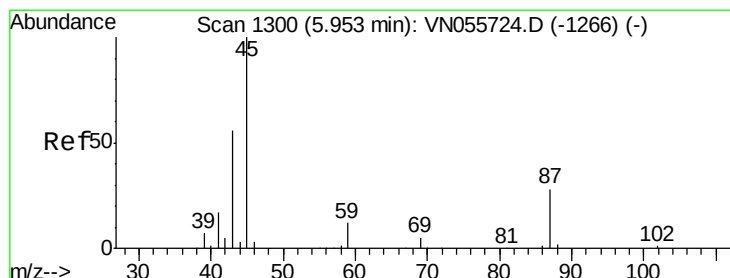
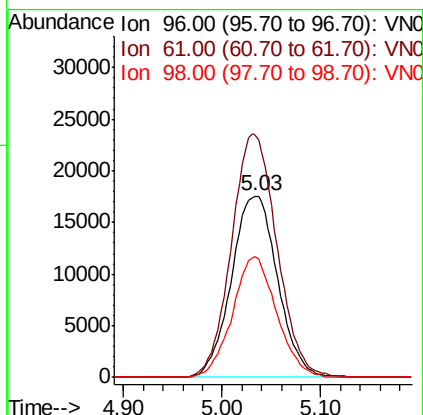
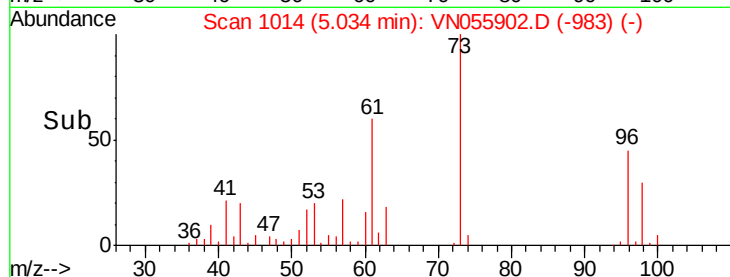
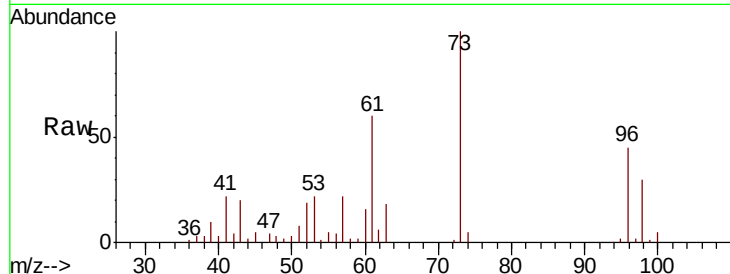




#19
trans-1,2-Dichloroethene
Concen: 19.742 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

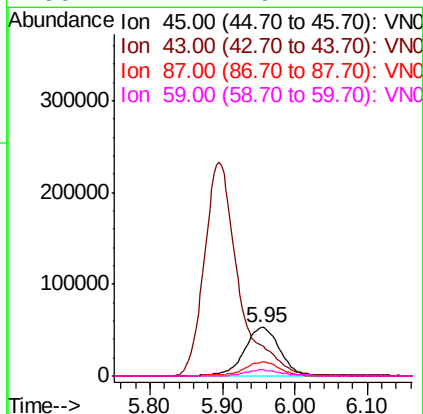
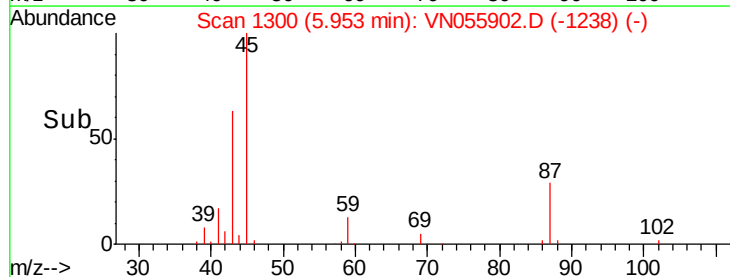
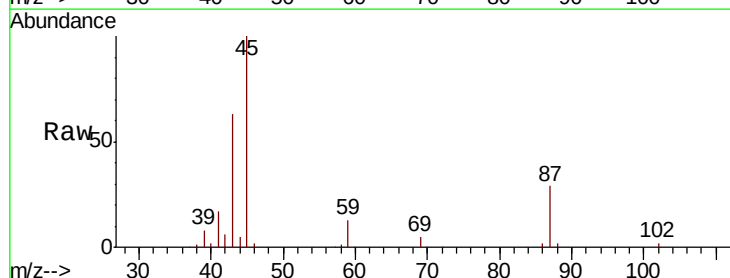
Instrument :
MSVOA_N
ClientSampled :

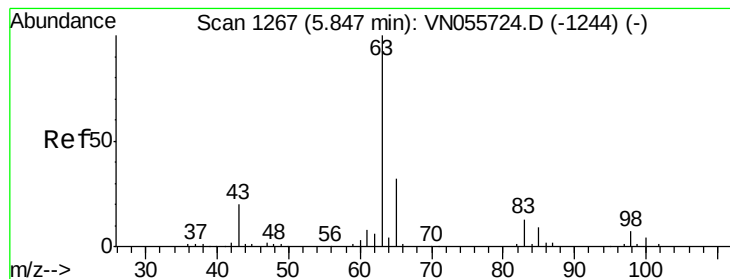
Tot Ion: 96 Resp: 57062
Ion Ratio Lower Upper
96 100
61 133.7 108.5 162.7
98 66.4 49.4 74.2



#20
Diisopropyl ether
Concen: 19.447 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion: 45 Resp: 182554
Ion Ratio Lower Upper
45 100
43 60.7 48.6 73.0
87 28.1 22.6 34.0
59 12.2 9.4 14.2





#21

1,1-Dichloroethane

Concen: 19.739 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

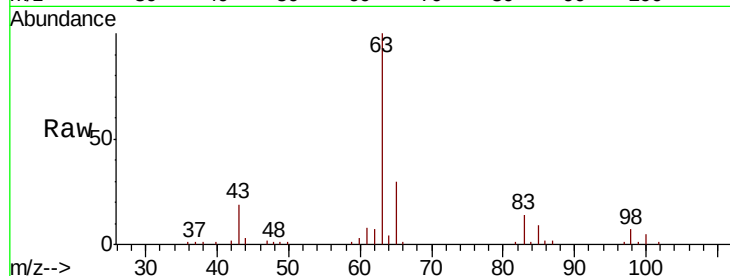
Tot Ion: 63 Resp: 104722

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

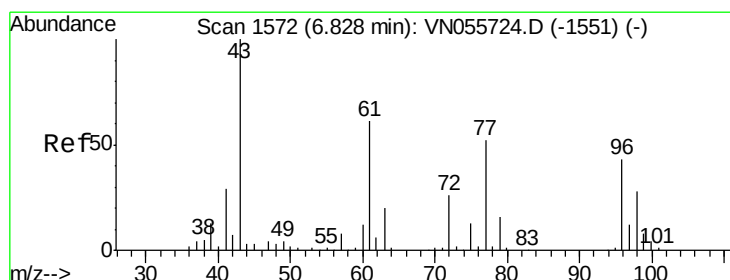
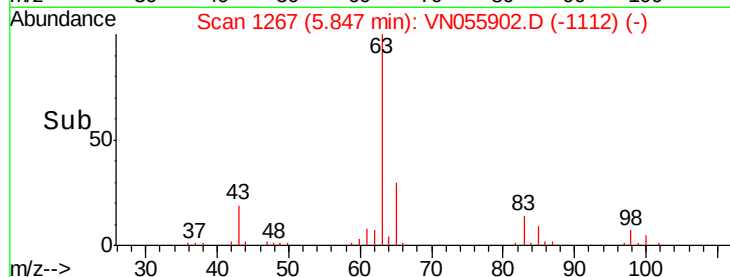
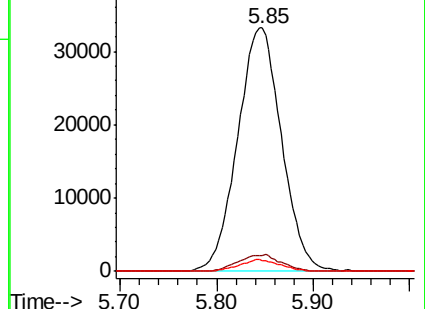
100 4.6 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VN055724.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VN055724.D (-1244) (-)

Ion 100.00 (99.70 to 100.70): VN055724.D (-1244) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.171 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

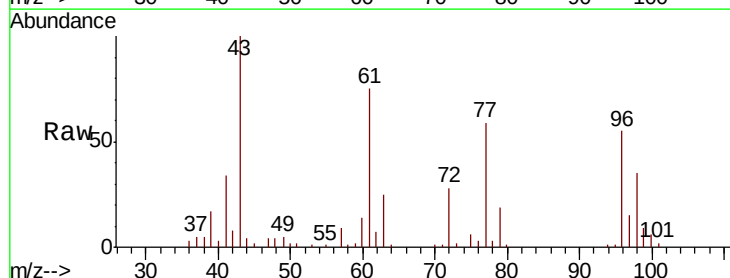
Tgt Ion: 96 Resp: 67993

Ion Ratio Lower Upper

96 100

61 136.6 115.7 173.5

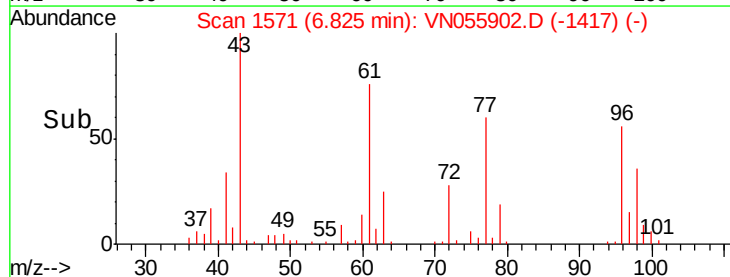
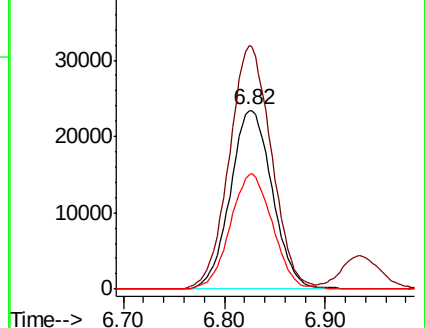
98 64.5 51.5 77.3

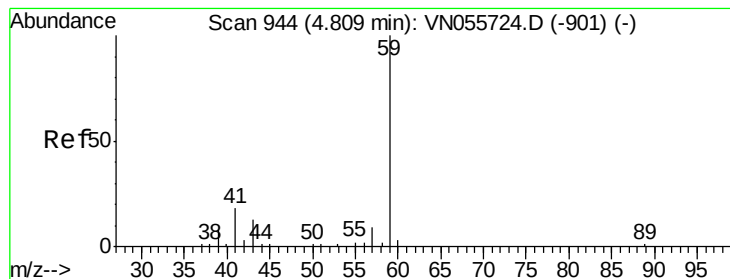


Abundance Ion 96.00 (95.70 to 96.70): VN055724.D (-1551) (-)

Ion 61.00 (60.70 to 61.70): VN055724.D (-1551) (-)

Ion 98.00 (97.70 to 98.70): VN055724.D (-1551) (-)





#23

tert-Butyl Alcohol

Concen: 90.265 ug/l

RT: 4.82 min Scan# 946

Delta R.T. 0.01 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

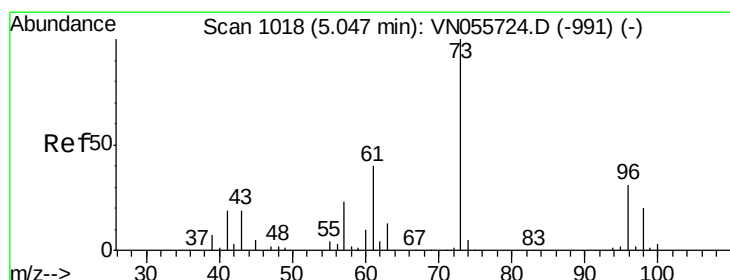
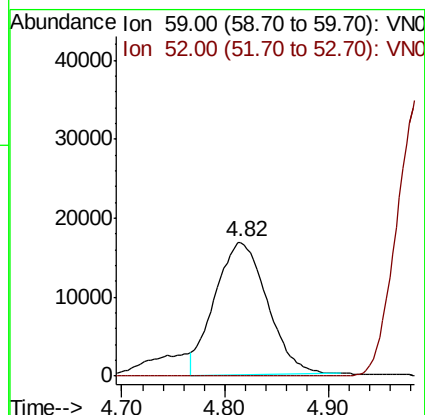
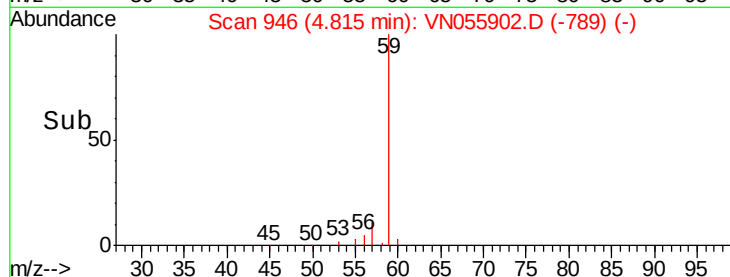
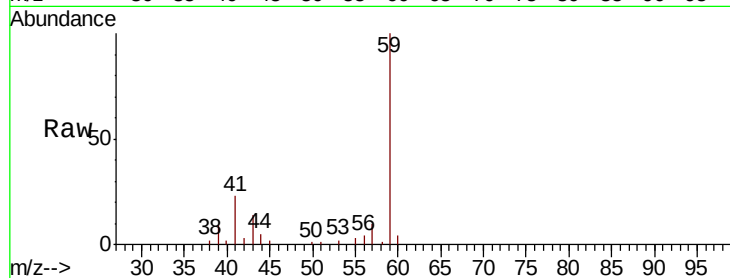
ClientSampled :

Tot Ion: 59 Resp: 59390

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.516 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN055902.D

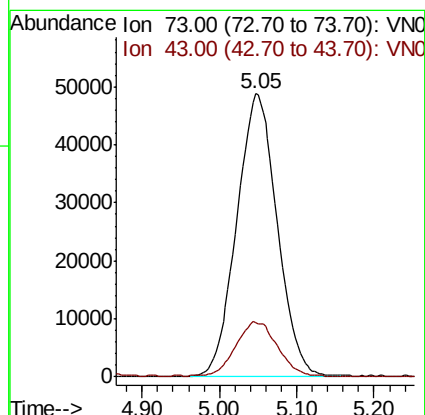
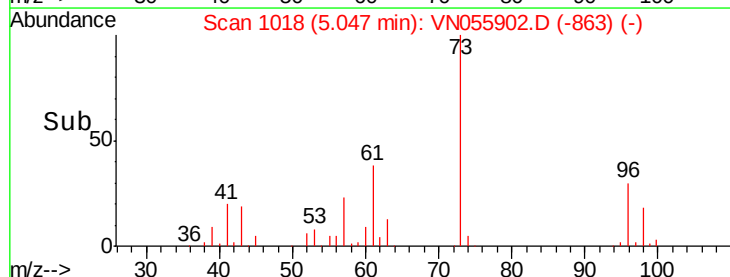
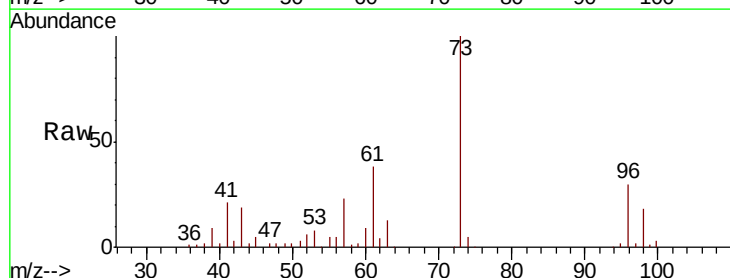
Acq: 30 May 2019 16:12

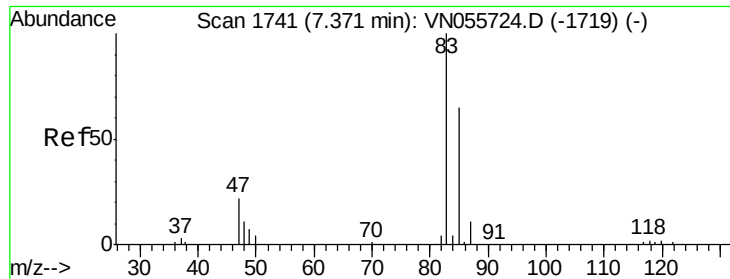
Tgt Ion: 73 Resp: 177918

Ion Ratio Lower Upper

73 100

43 19.7 15.7 23.5

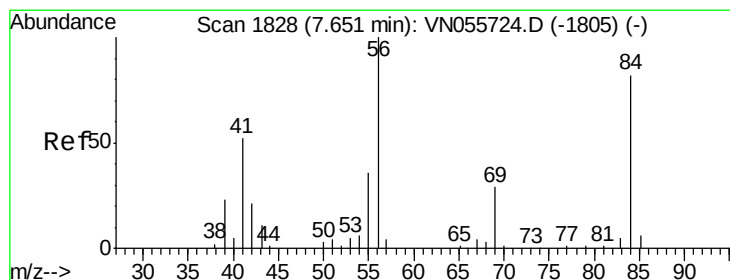
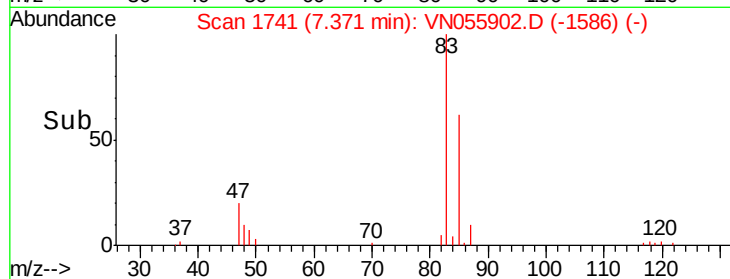
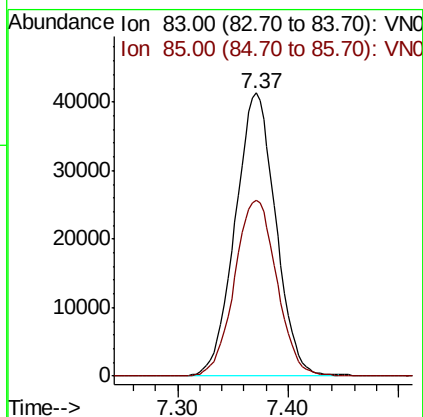
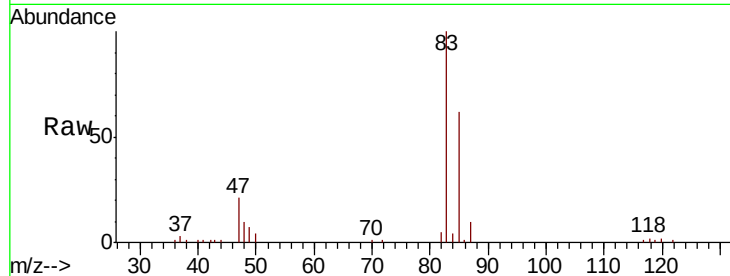




#25
Chloroform
Concen: 20.036 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

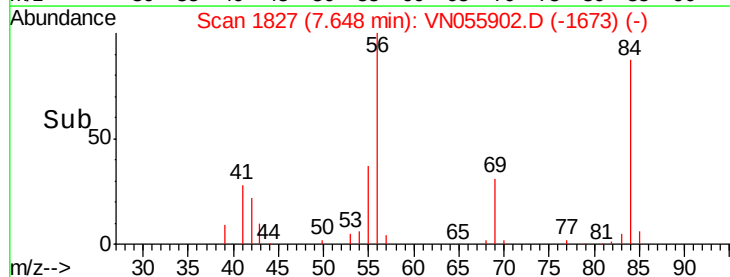
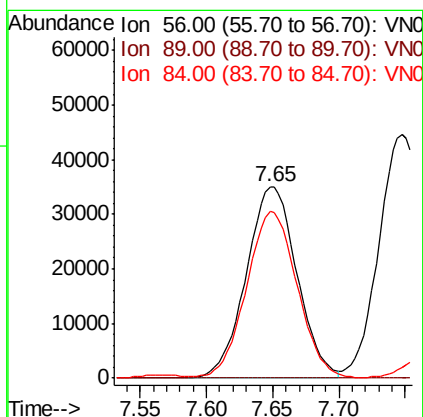
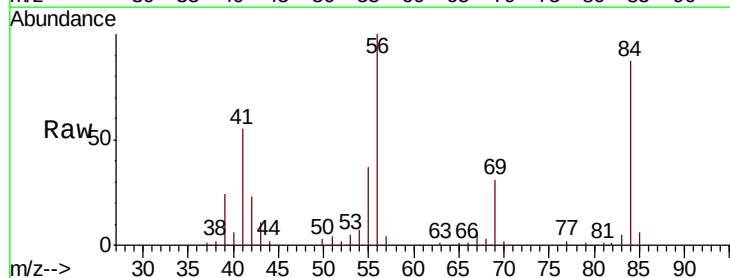
Instrument :
MSVOA_N
ClientSampleId :

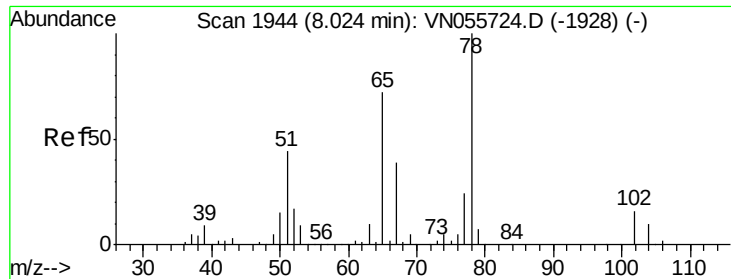
Tot Ion: 83 Resp: 104990
Ion Ratio Lower Upper
83 100
85 62.1 51.7 77.5



#26
Cyclohexane
Concen: 19.098 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion: 56 Resp: 93475
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.9 67.2 100.8

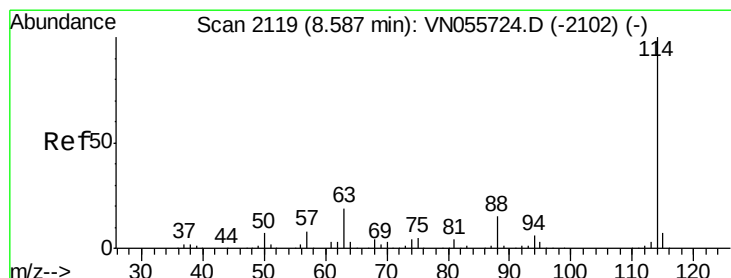
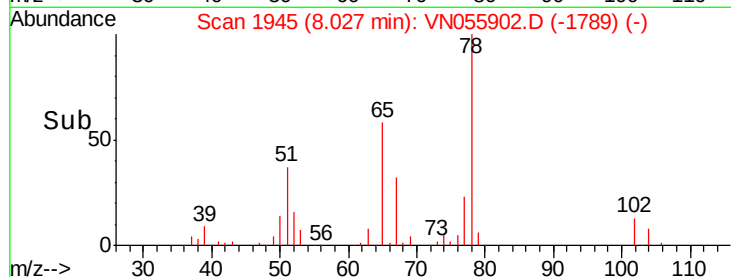
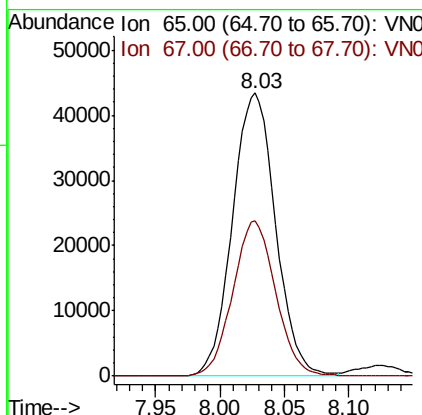
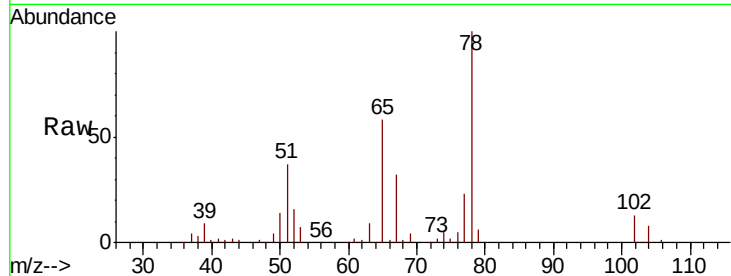




#27
 1,2-Dichloroethane-d4
 Concen: 30.333 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

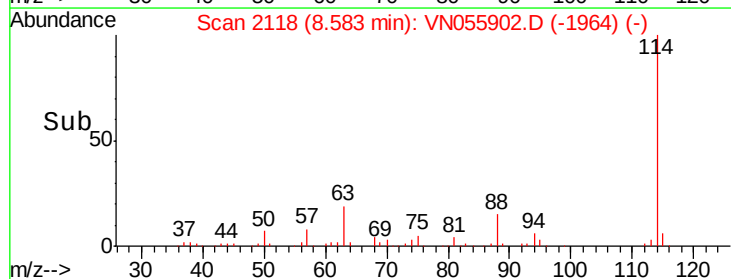
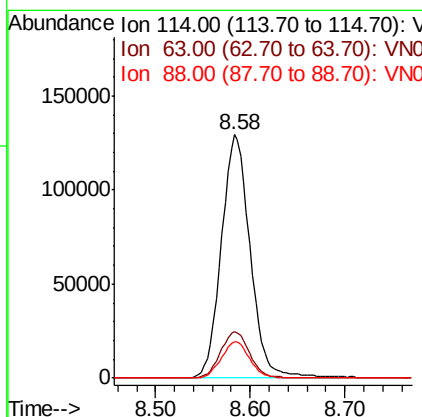
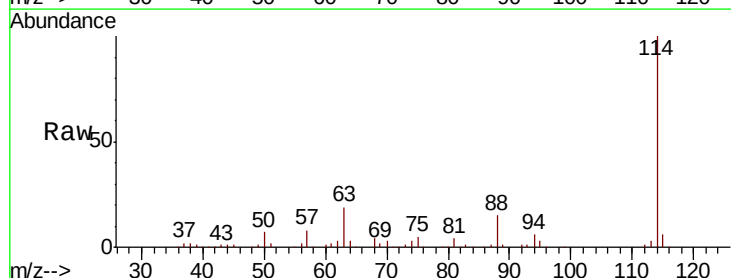
Instrument :
 MSVOA_N
 ClientSampleId :

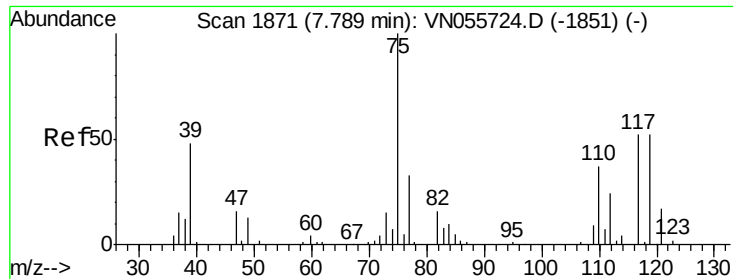
Tot Ion: 65 Resp: 100923
 Ion Ratio Lower Upper
 65 100
 67 54.5 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion: 114 Resp: 274039
 Ion Ratio Lower Upper
 114 100
 63 19.4 15.6 23.4
 88 14.8 12.3 18.5

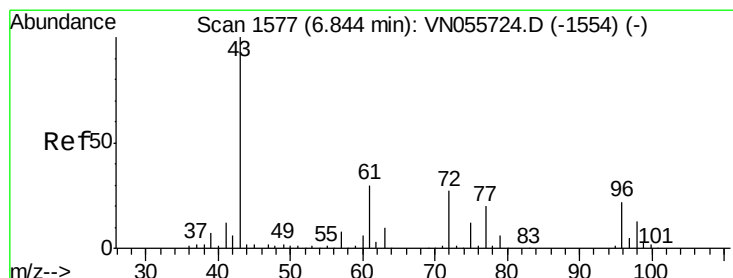
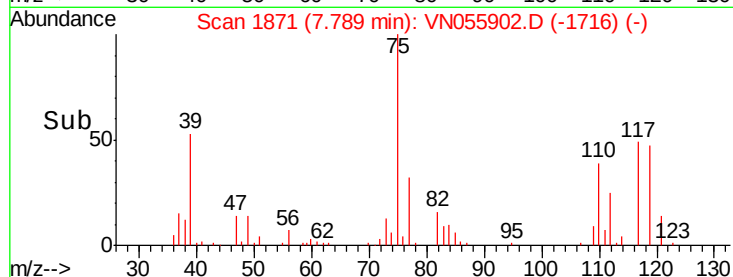
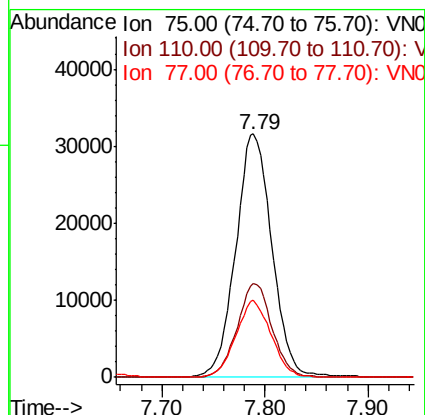
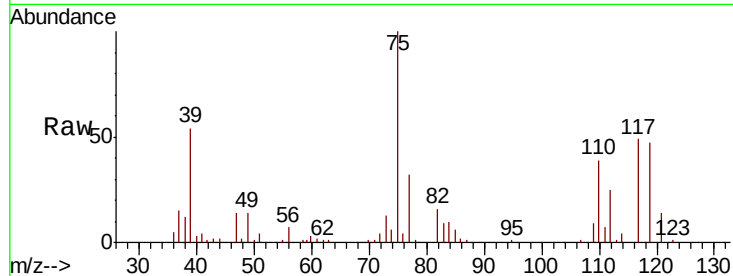




#29
 1,1-Dichloropropene
 Concen: 20.149 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

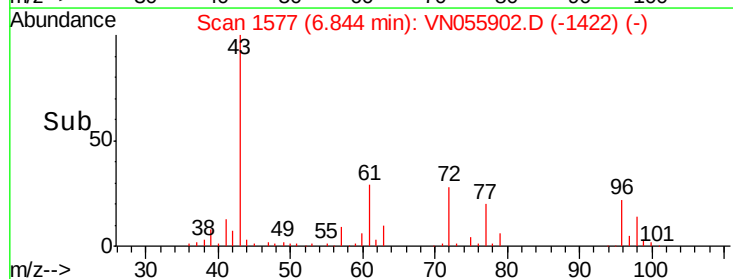
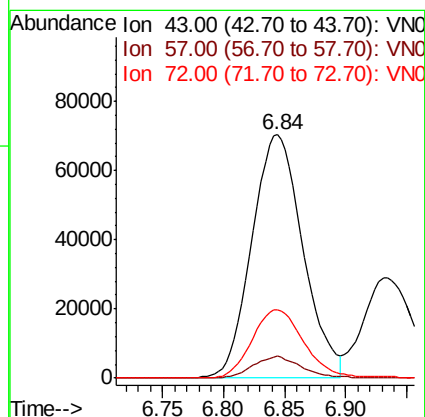
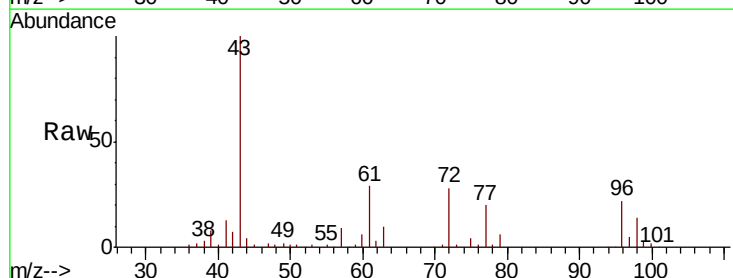
Instrument :
 MSVOA_N
 ClientSampled :

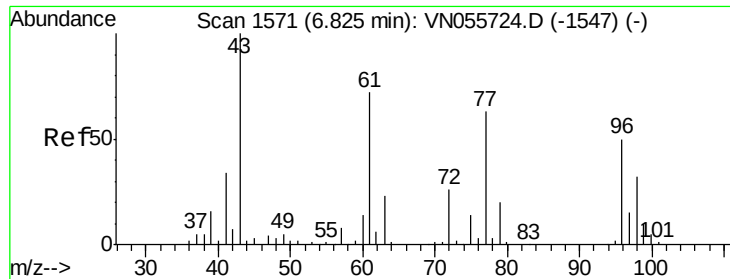
Tot Ion	75	Resp	77297
Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	74.8
77	30.7	0.0	65.2



#30
 2-Butanone
 Concen: 99.446 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion	43	Resp	203344
Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.6	10.0
72	28.6	21.7	32.5

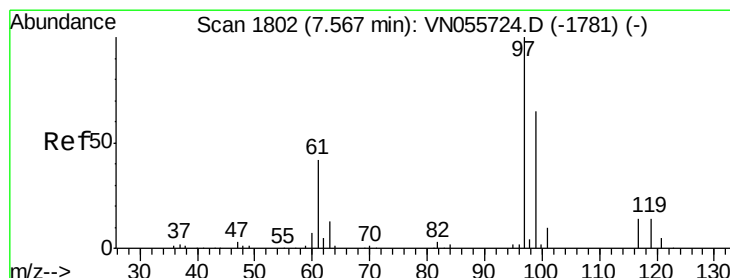
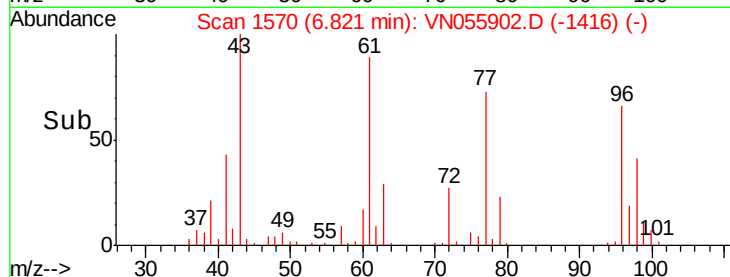
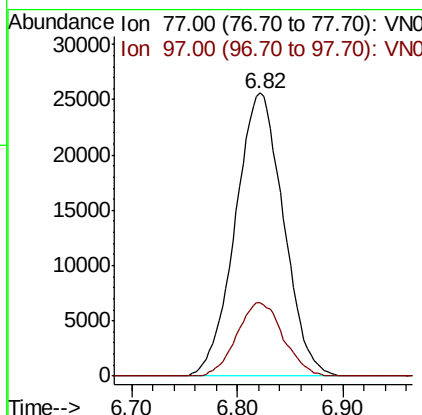
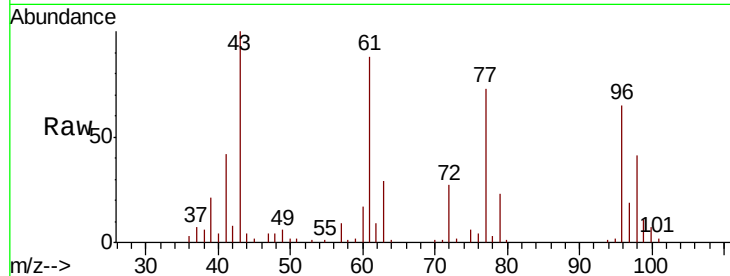




#31
 2,2-Dichloropropane
 Concen: 18.168 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

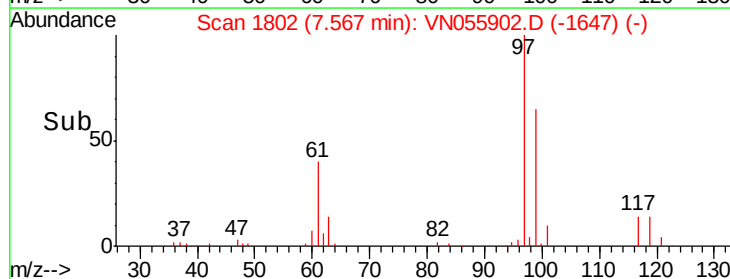
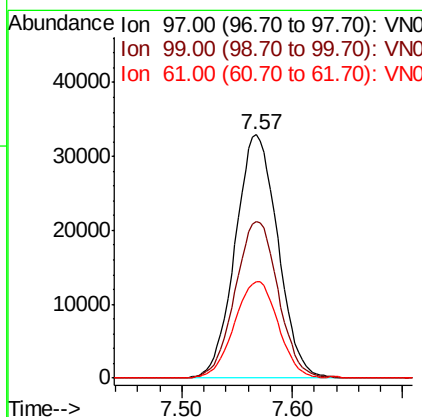
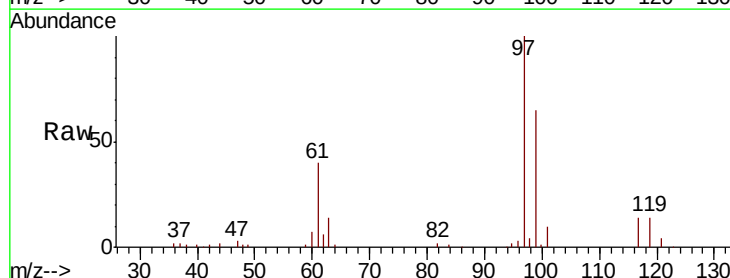
Instrument :
 MSVOA_N
 ClientSampled :

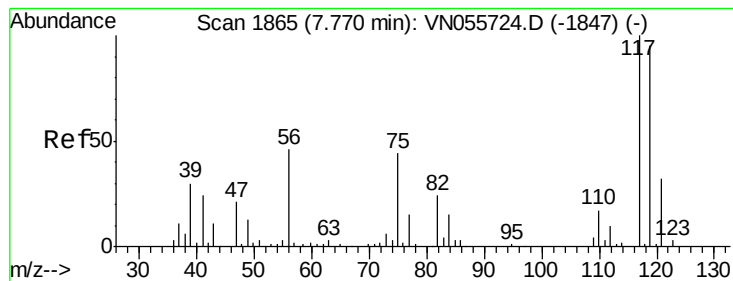
Tot Ion: 77 Resp: 81107
 Ion Ratio Lower Upper
 77 100
 97 25.1 19.2 28.8



#32
 1,1,1-Trichloroethane
 Concen: 19.431 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion: 97 Resp: 88353
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.7 77.5
 61 40.7 33.1 49.7





#33

Carbon Tetrachloride

Concen: 18.223 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampled :

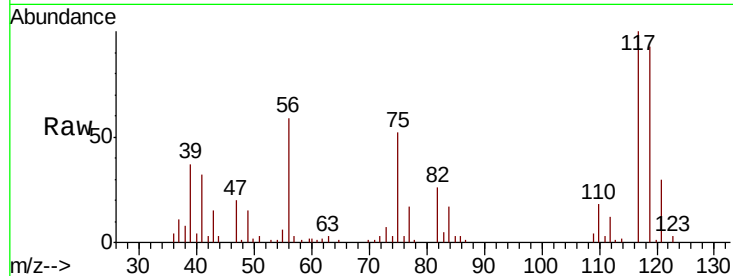
Tot Ion:117 Resp: 74125

Ion Ratio Lower Upper

117 100

119 92.4 75.8 113.8

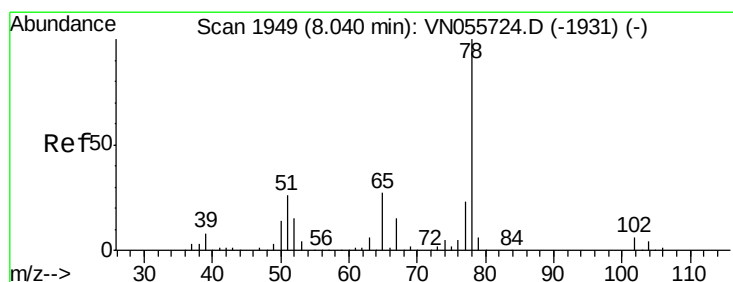
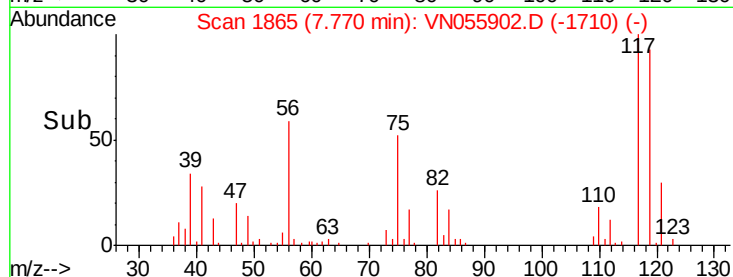
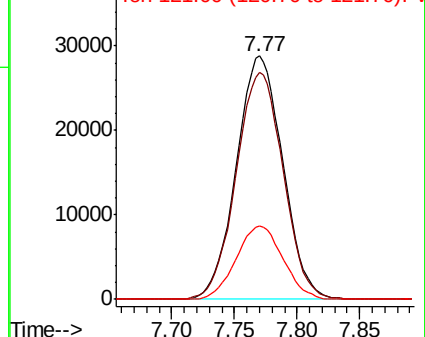
121 30.0 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.470 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

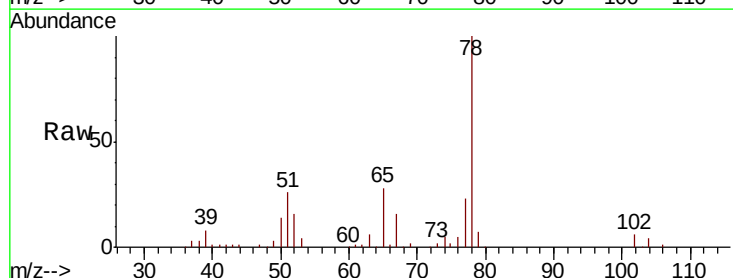
Tgt Ion: 78 Resp: 242444

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

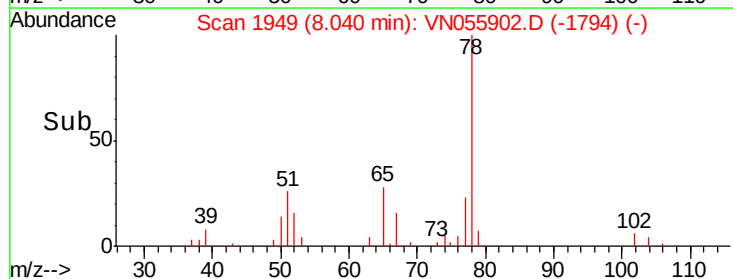
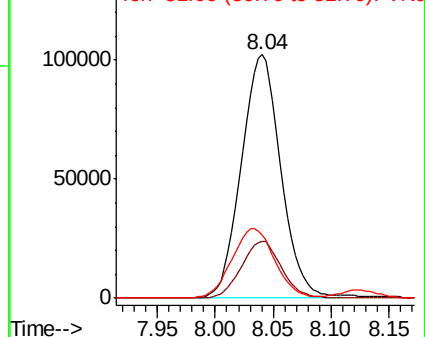
51 25.8 20.6 31.0

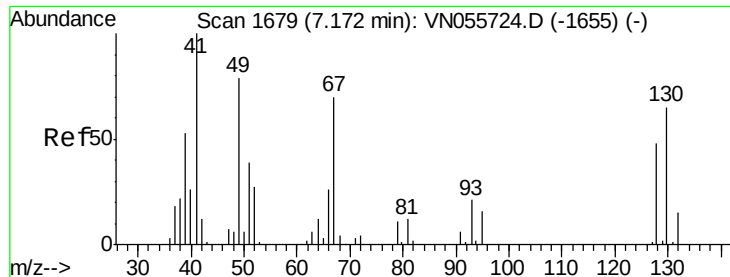


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

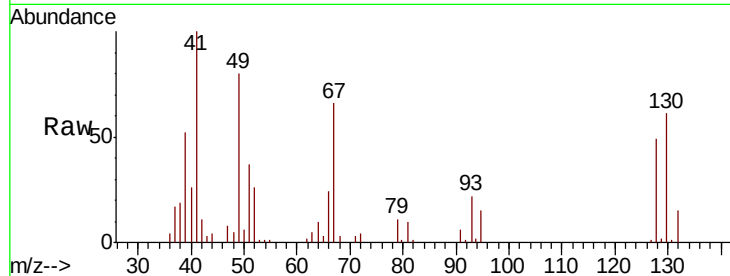




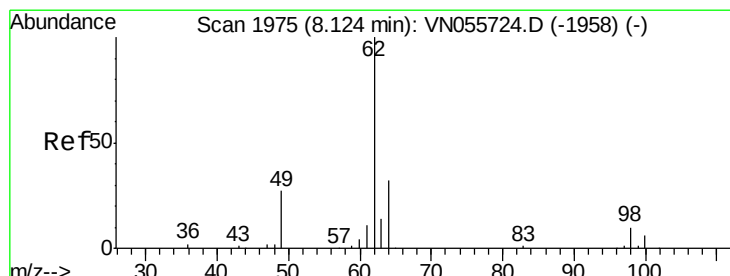
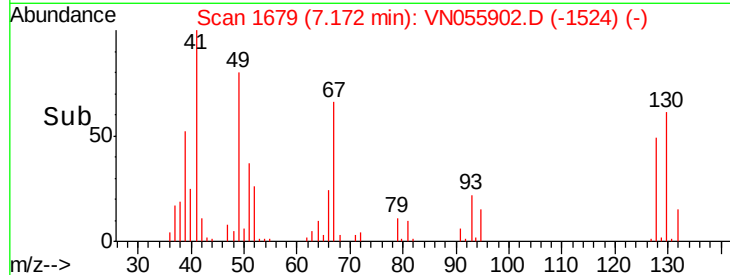
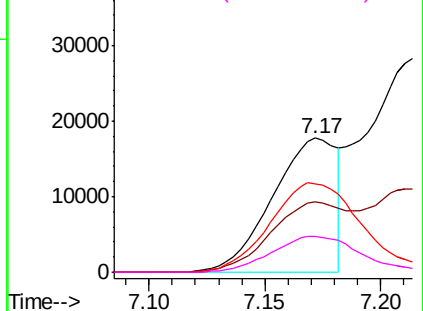
#35
Methacrylonitrile
Concen: 18.180 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	34312
Ion	Ratio	Lower	Upper
41	100		
39	52.2	26.7	80.1
67	66.3	34.9	104.7
52	26.4	13.6	40.8

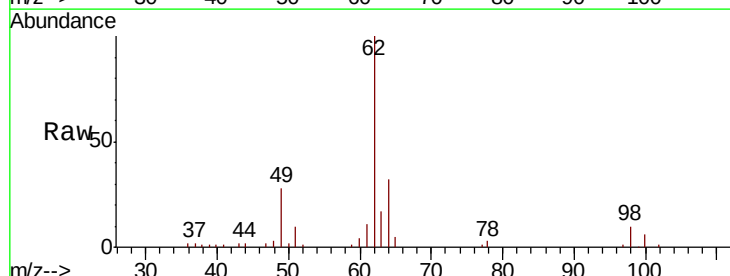


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

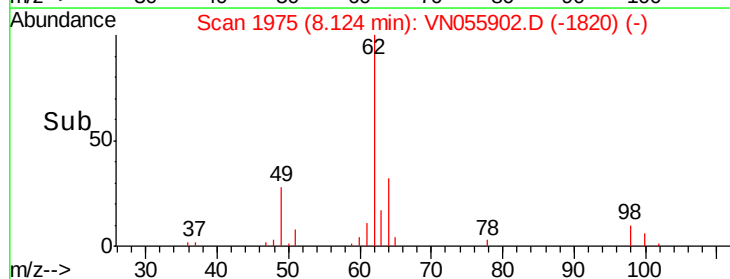
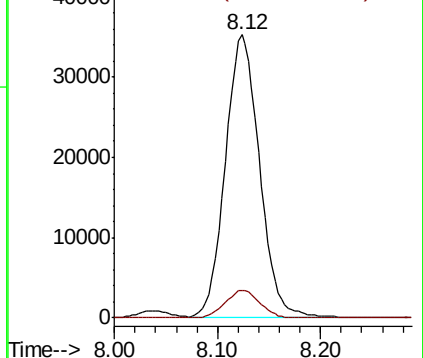


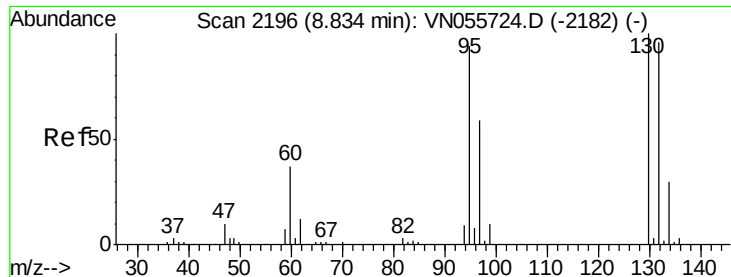
#36
1,2-Dichloroethane
Concen: 21.105 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion:	62	Resp:	81688
Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.2	12.2



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

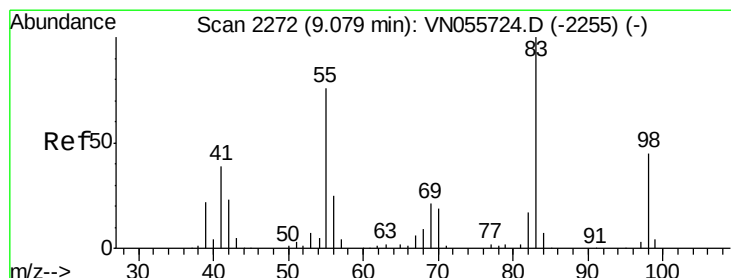
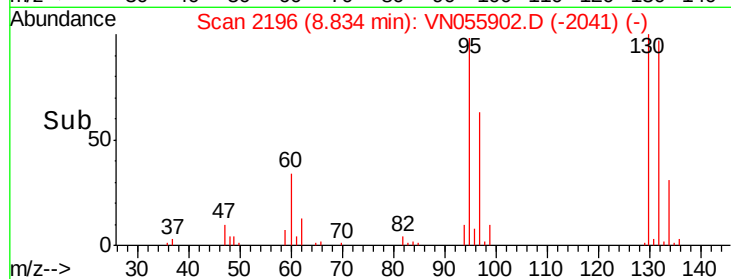
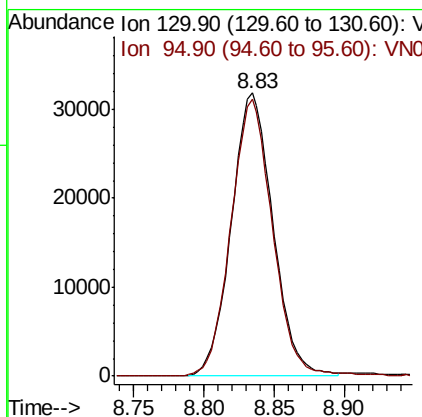
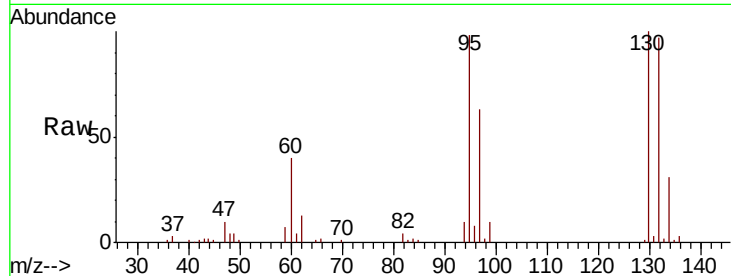




#37
 Trichloroethene
 Concen: 19.884 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

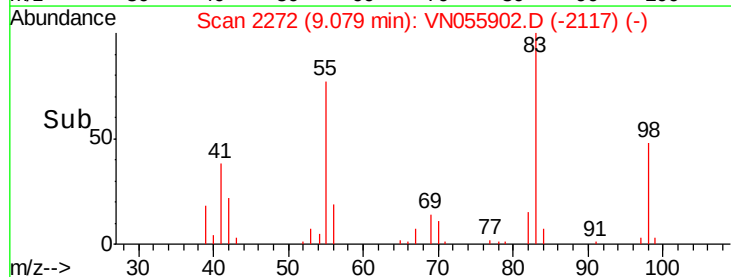
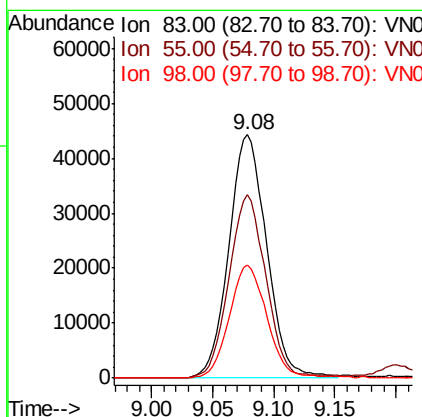
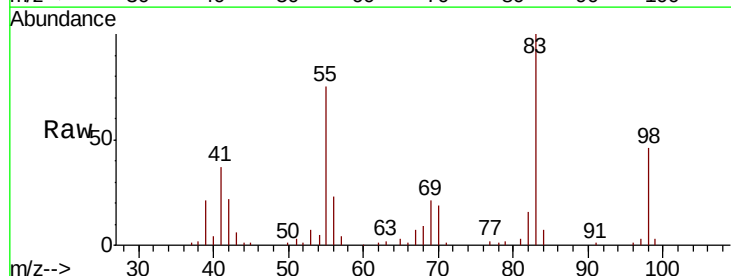
Instrument :
 MSVOA_N
 ClientSampleId :

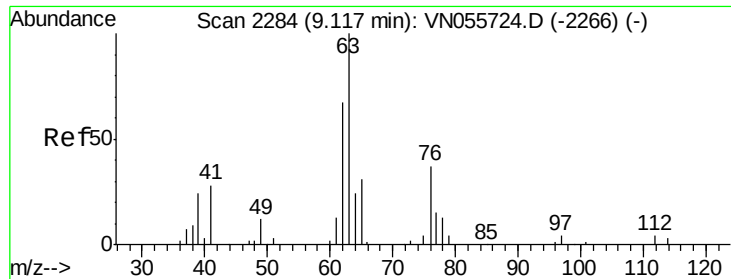
Tot Ion:130 Resp: 65709
 Ion Ratio Lower Upper
 130 100
 95 97.1 75.6 113.4



#38
 Methylcyclohexane
 Concen: 19.641 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion: 83 Resp: 95466
 Ion Ratio Lower Upper
 83 100
 55 73.4 37.8 113.4
 98 46.4 22.6 67.8

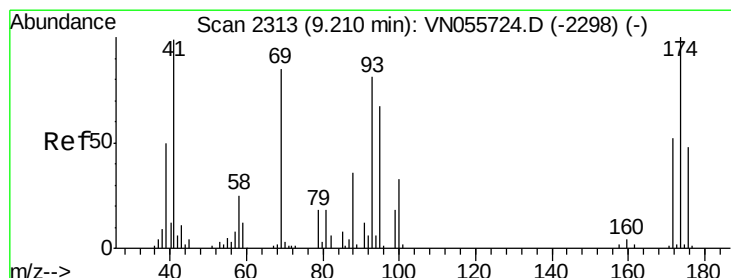
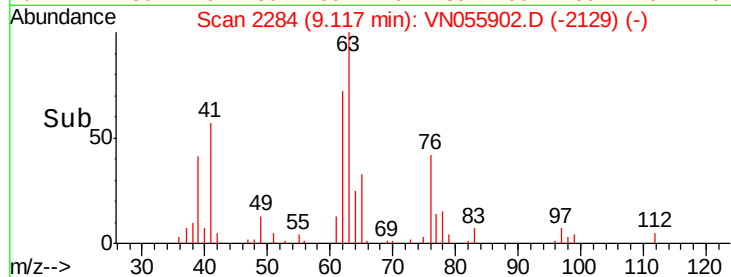
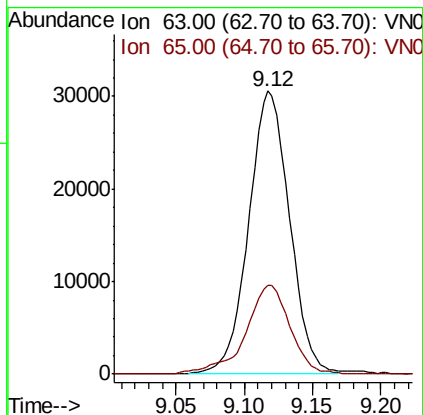
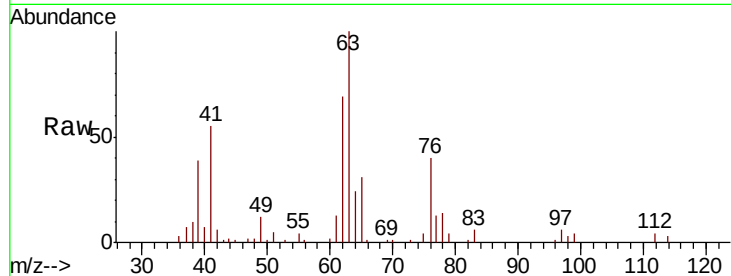




#39
 1,2-Dichloropropane
 Concen: 19.989 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

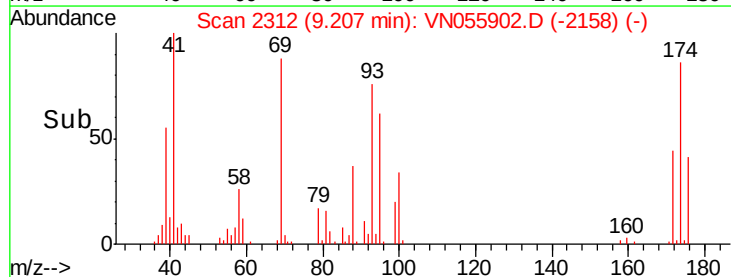
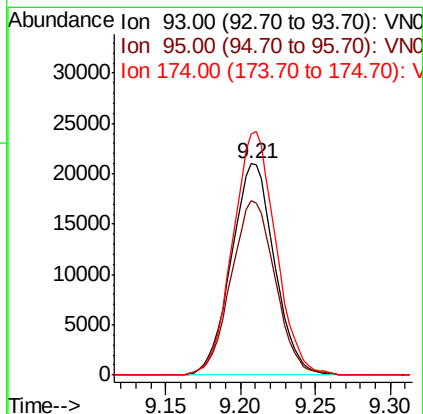
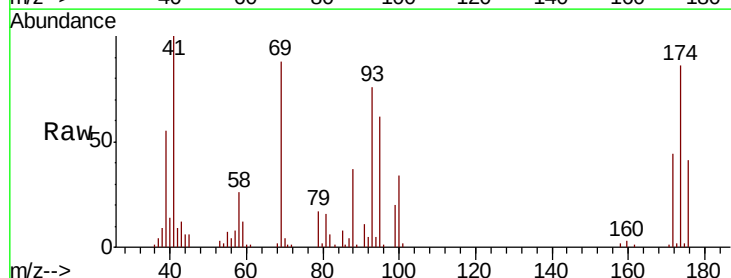
Instrument :
 MSVOA_N
 ClientSampleId :

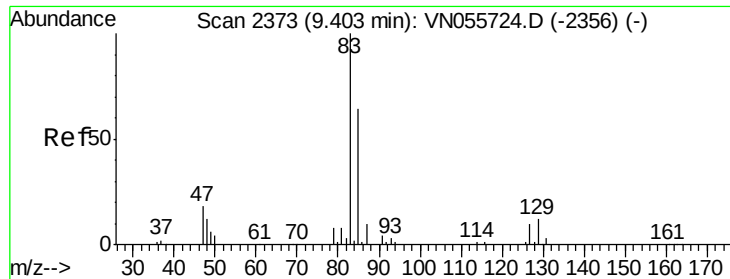
Tot Ion: 63 Resp: 63646
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.8 38.8



#40
 Dibromomethane
 Concen: 20.548 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion: 93 Resp: 42247
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 170.6
 174 114.7 0.0 248.4





#41

Bromodichloromethane

Concen: 18.583 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

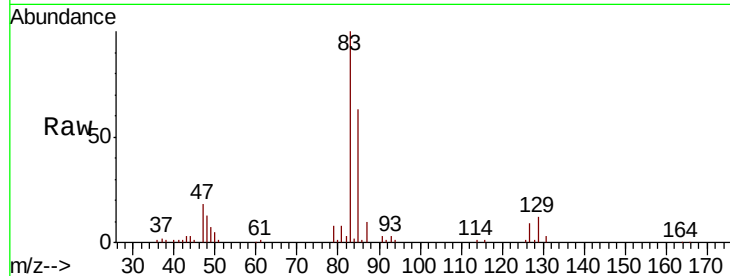
Tot Ion: 83 Resp: 78304

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

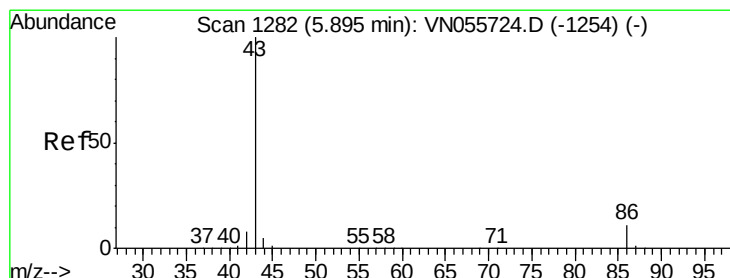
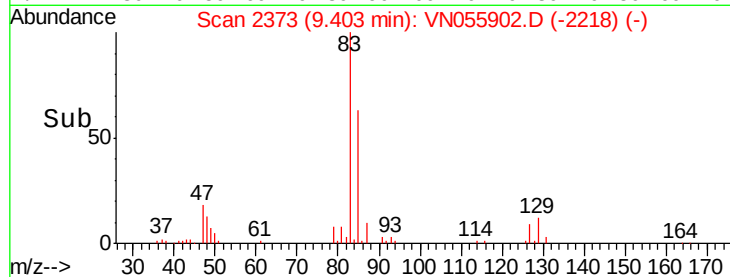
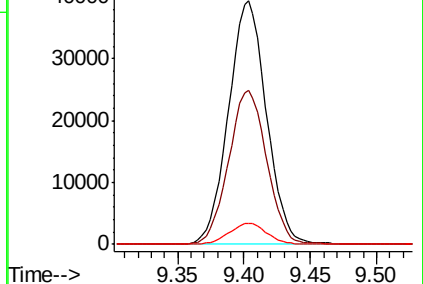
127 8.8 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VN055724.D (-2356) (-)

Ion 85.00 (84.70 to 85.70): VN055724.D (-2356) (-)

Ion 127.00 (126.70 to 127.70): VN055724.D (-2356) (-)



#42

Vinyl Acetate

Concen: 96.283 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055902.D

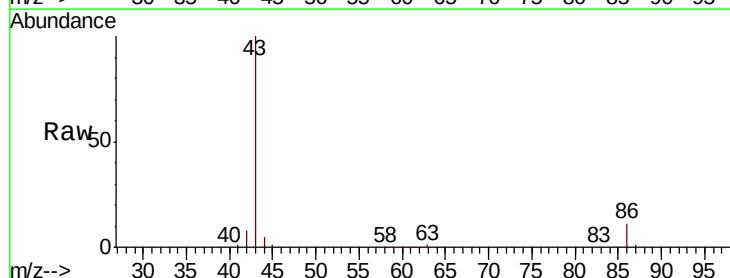
Acq: 30 May 2019 16:12

Tgt Ion: 43 Resp: 764381

Ion Ratio Lower Upper

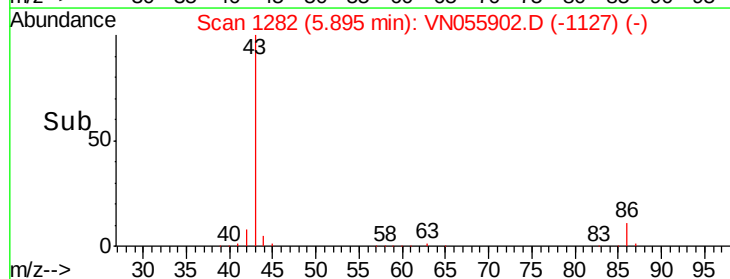
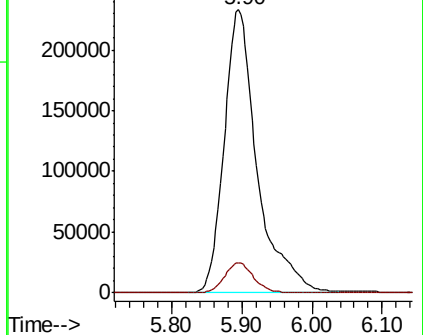
43 100

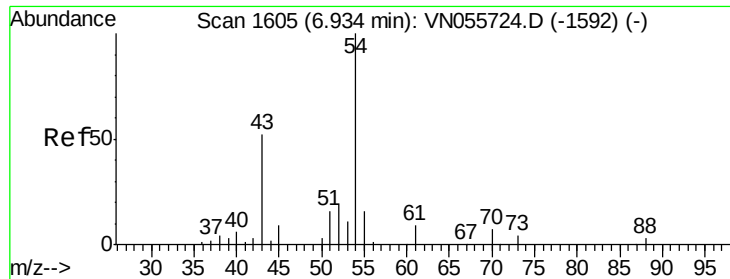
86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN055724.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN055724.D (-1254) (-)





#43

Ethyl Acetate

Concen: 20.644 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

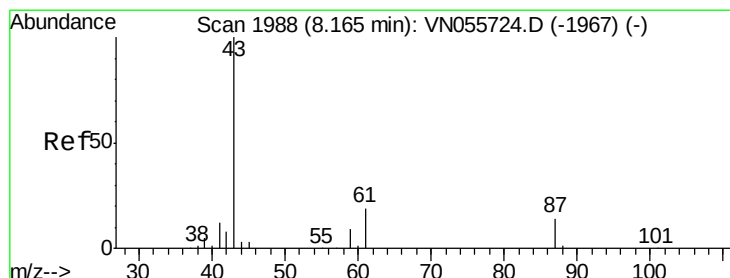
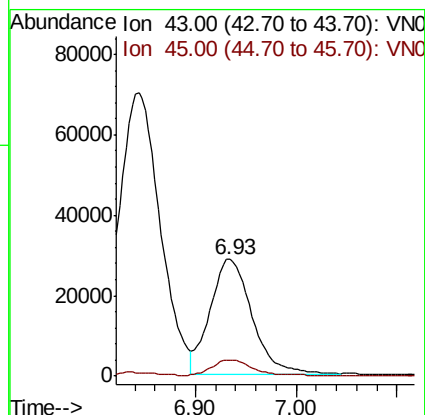
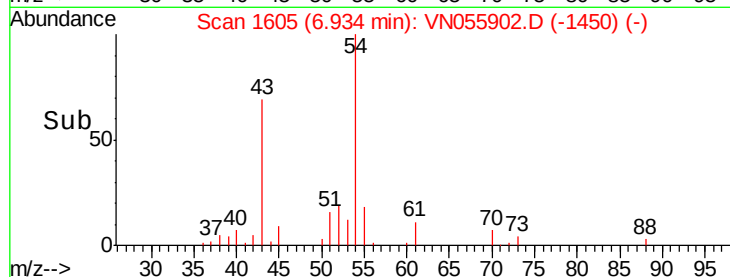
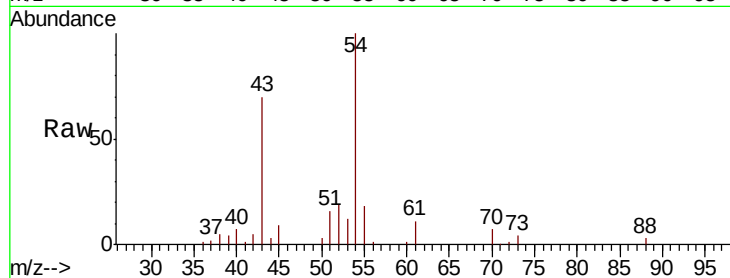
ClientSampled :

Tot Ion: 43 Resp: 82972

Ion Ratio Lower Upper

43 100

45 12.0 0.0 0.0#



#44

Isopropyl Acetate

Concen: 19.012 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055902.D

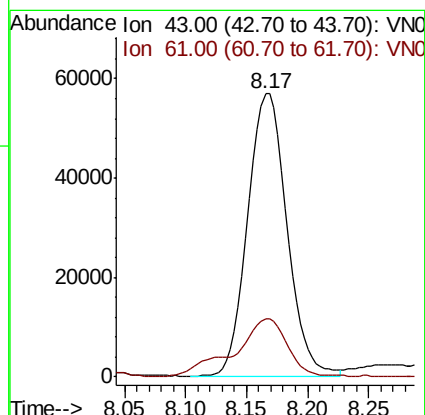
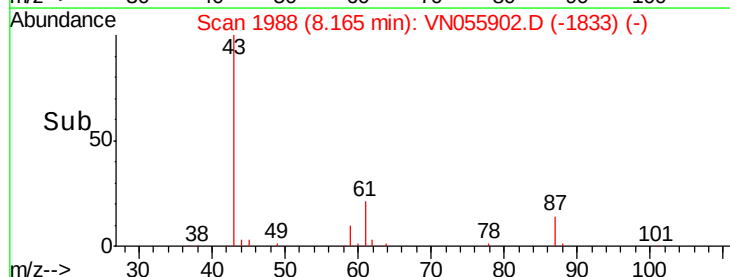
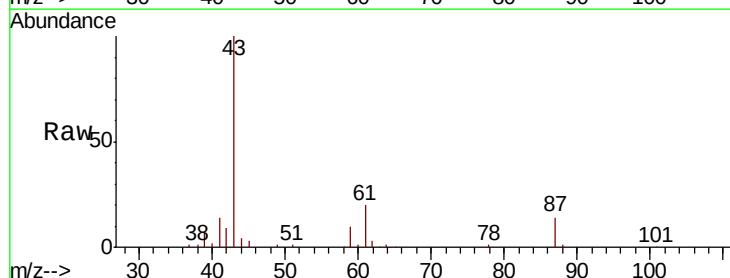
Acq: 30 May 2019 16:12

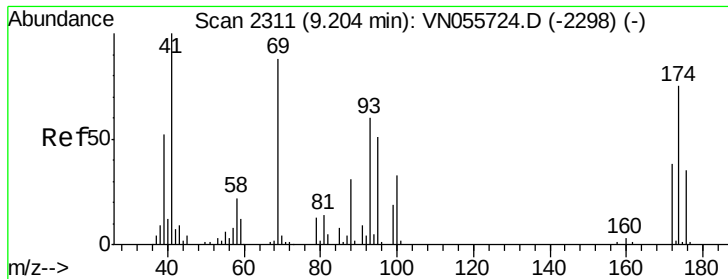
Tgt Ion: 43 Resp: 126536

Ion Ratio Lower Upper

43 100

61 20.3 22.1 33.1#





#45

1,4-Dioxane

Concen: 423.742 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

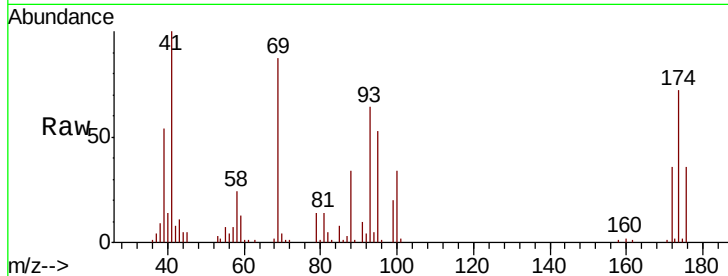
Tot Ion: 88 Resp: 26532

Ion Ratio Lower Upper

88 100

43 24.5 20.5 30.7

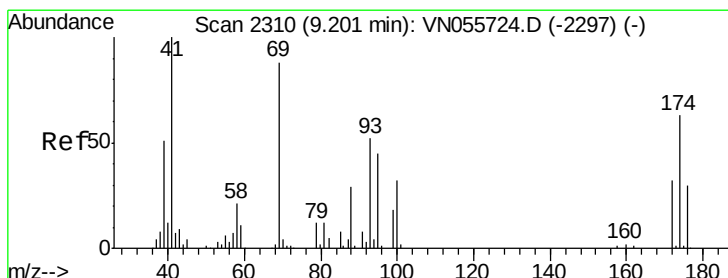
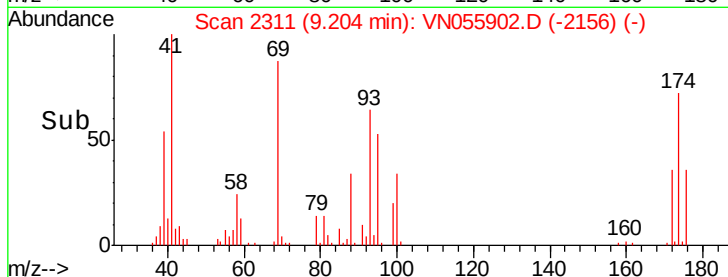
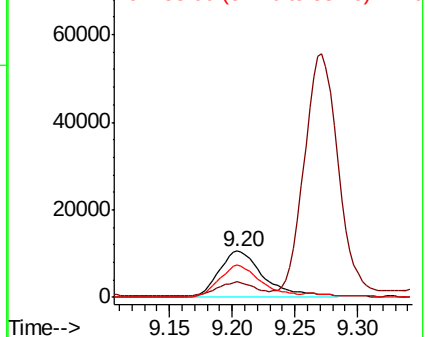
58 63.2 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VN055902.D (-2156) (-)

Ion 43.00 (42.70 to 43.70): VN055902.D (-2156) (-)

Ion 58.00 (57.70 to 58.70): VN055902.D (-2156) (-)



#46

Methyl methacrylate

Concen: 19.386 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

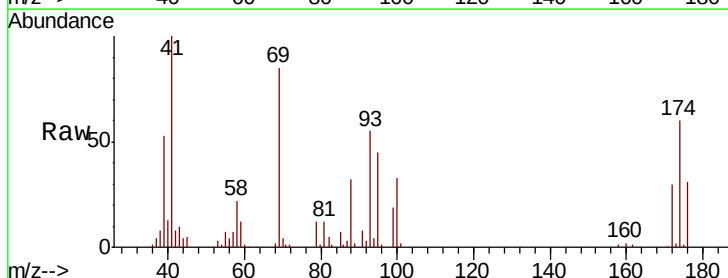
Tgt Ion: 41 Resp: 60198

Ion Ratio Lower Upper

41 100

69 86.1 43.8 131.4

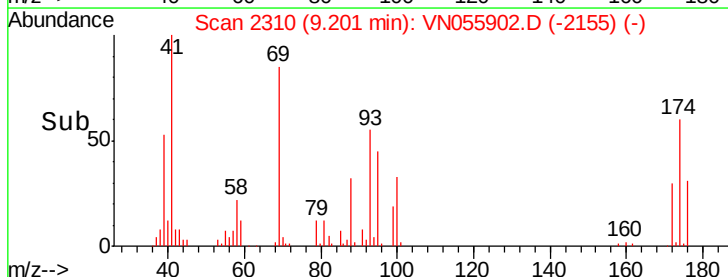
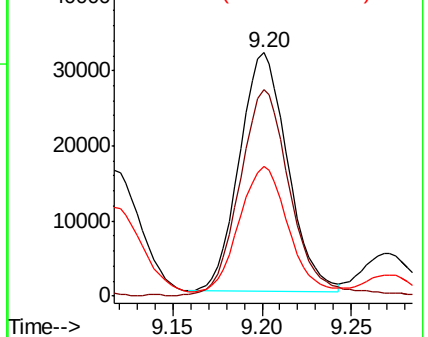
39 52.7 25.6 76.6

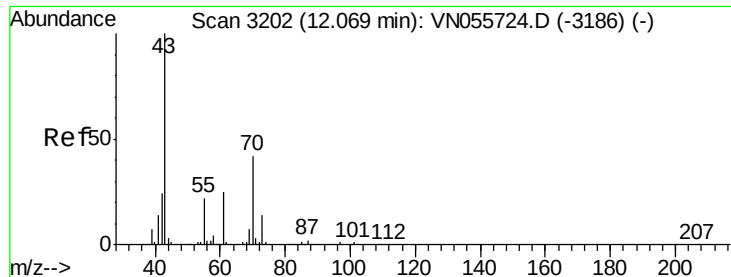


Abundance Ion 41.00 (40.70 to 41.70): VN055902.D (-2155) (-)

Ion 69.00 (68.70 to 69.70): VN055902.D (-2155) (-)

Ion 39.00 (38.70 to 39.70): VN055902.D (-2155) (-)





#47

n-amyl Acetate

Concen: 18.119 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

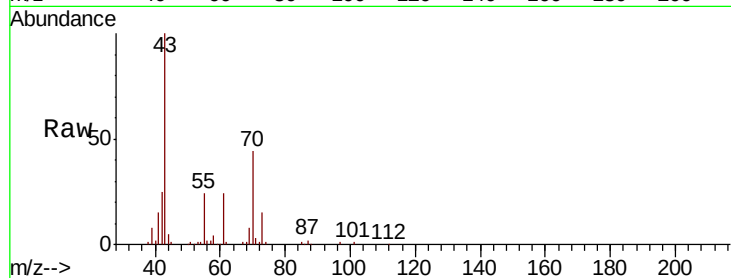
ClientSampled :

Tot Ion: 43 Resp: 99745

Ion Ratio Lower Upper

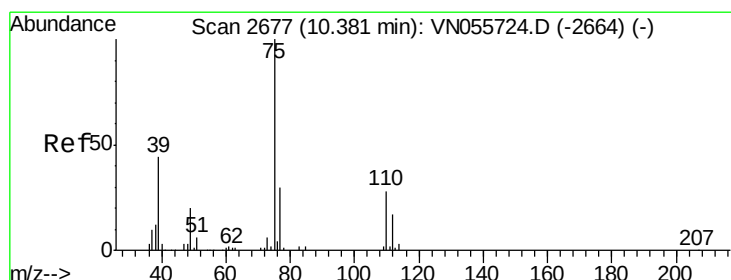
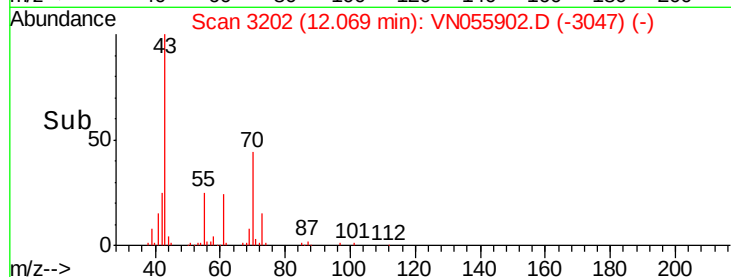
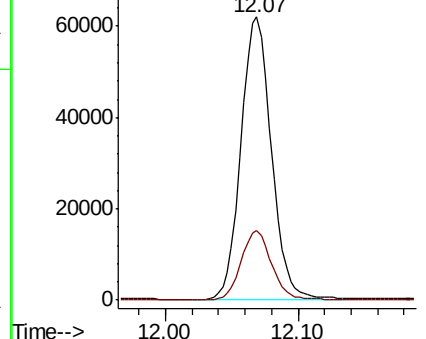
43 100

55 24.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 17.388 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055902.D

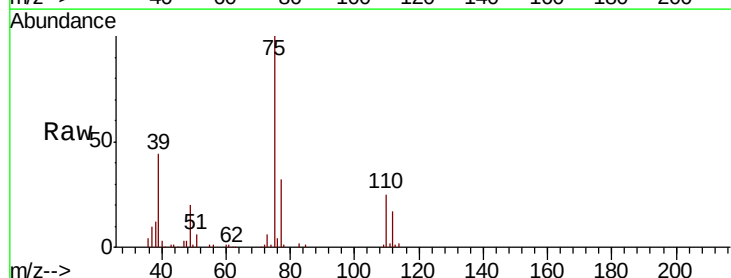
Acq: 30 May 2019 16:12

Tgt Ion: 75 Resp: 80878

Ion Ratio Lower Upper

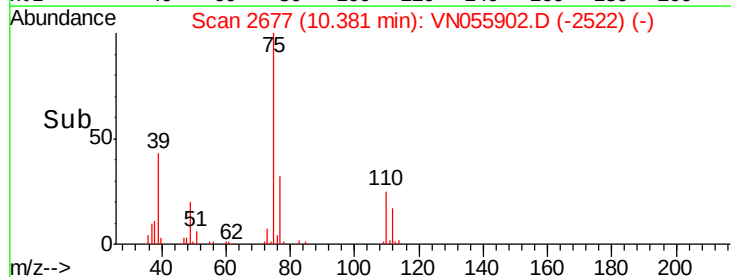
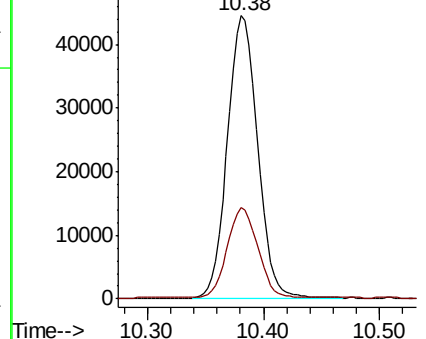
75 100

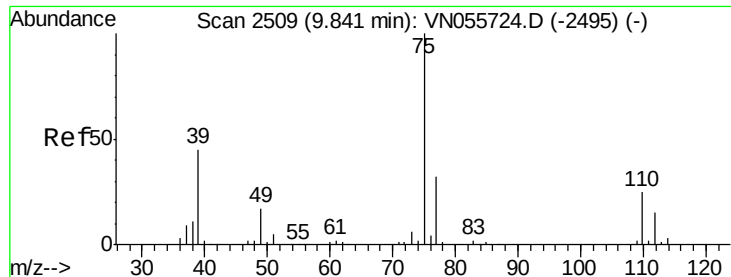
77 31.6 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



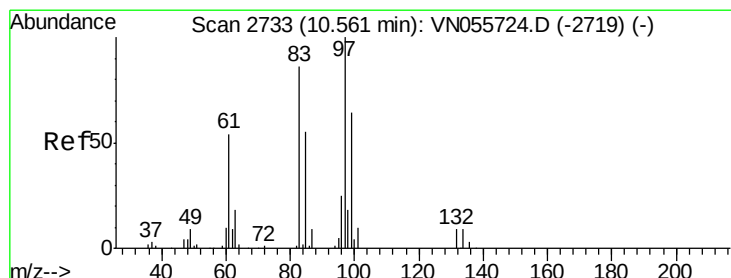
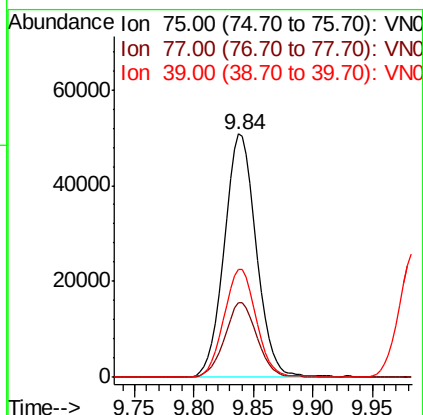
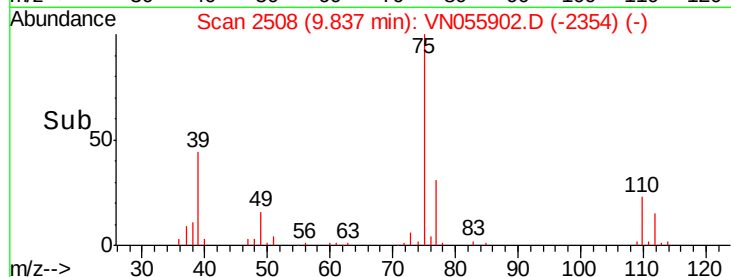
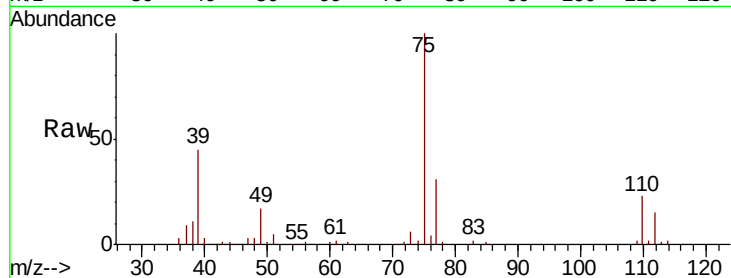


#49

cis-1,3-Dichloropropene
 Concen: 18.618 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Instrument :
 MSVOA_N
 ClientSampleId :

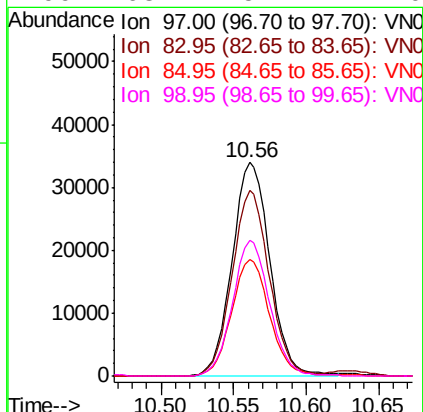
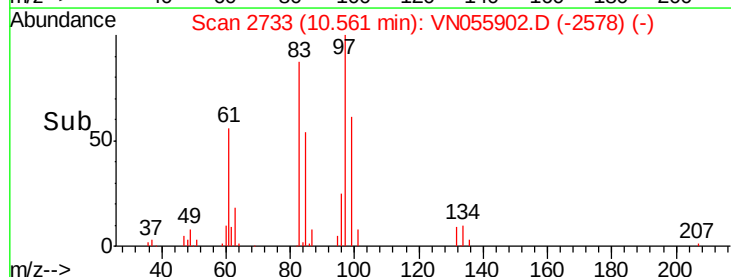
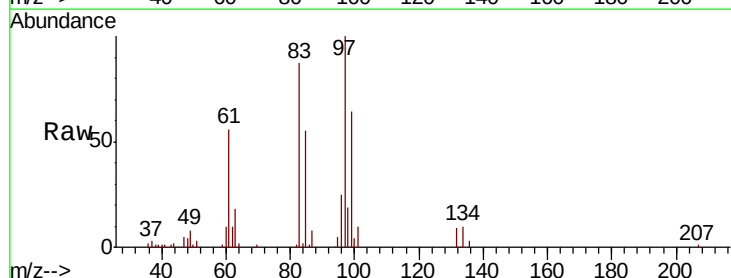
Tot Ion: 75 Resp: 94790
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.0 39.0
 39 44.5 36.2 54.4

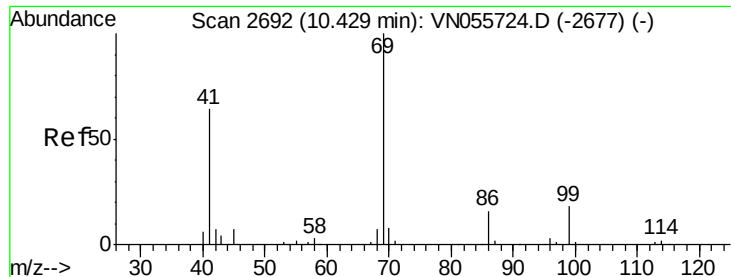


#50

1,1,2-Trichloroethane
 Concen: 20.575 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion: 97 Resp: 61583
 Ion Ratio Lower Upper
 97 100
 83 86.9 68.9 103.3
 85 54.7 44.3 66.5
 99 63.7 51.4 77.0

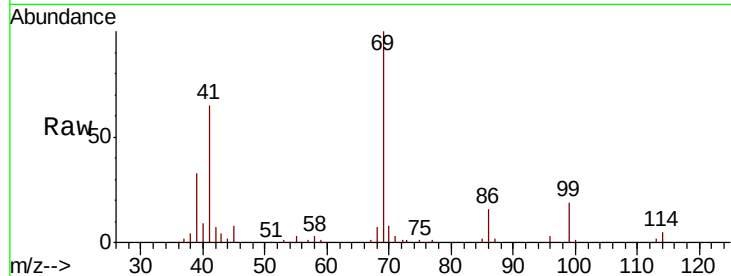




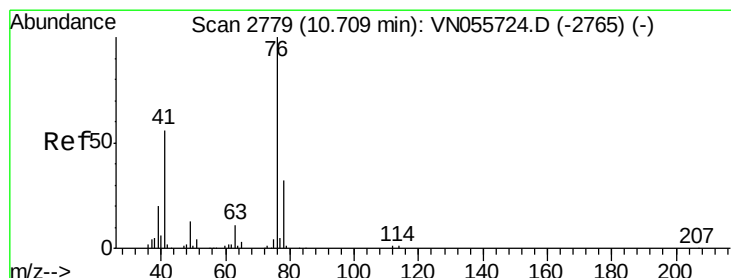
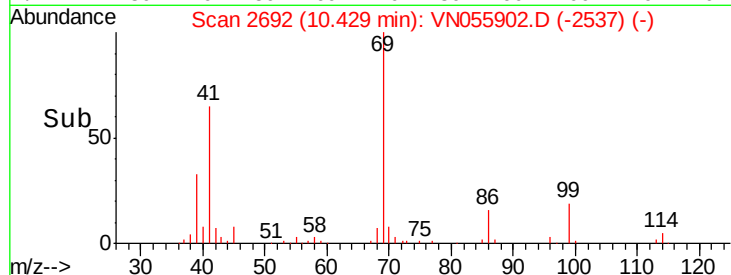
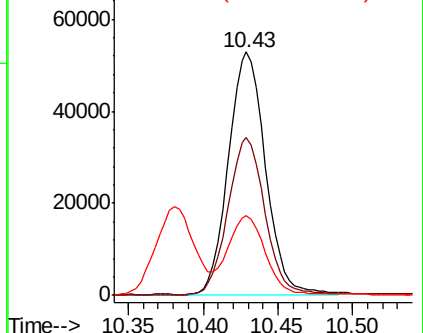
#51
Ethyl methacrylate
Concen: 19.037 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 69 Resp: 91841
Ion Ratio Lower Upper
69 100
41 64.4 31.9 95.7
39 31.9 15.7 47.0

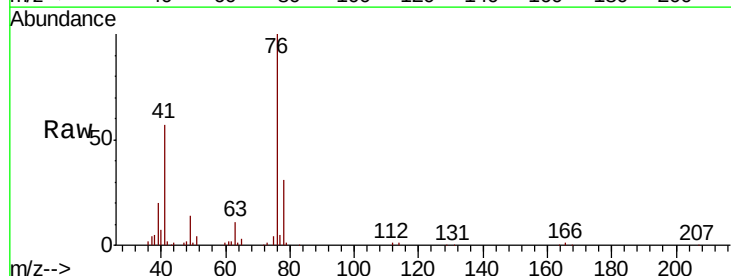


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

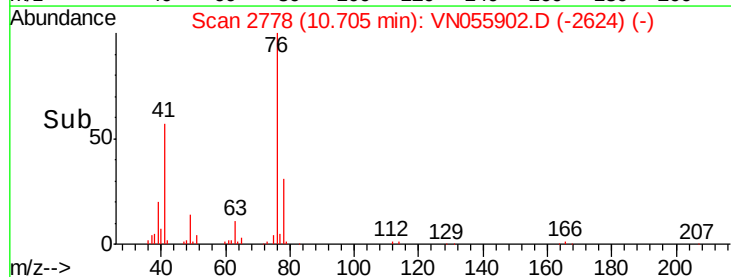
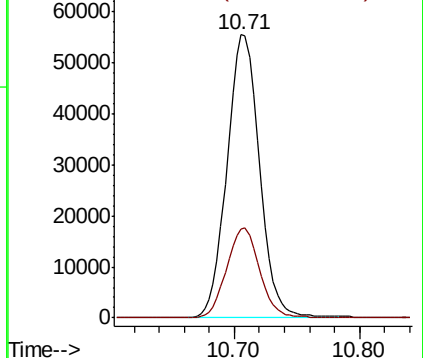


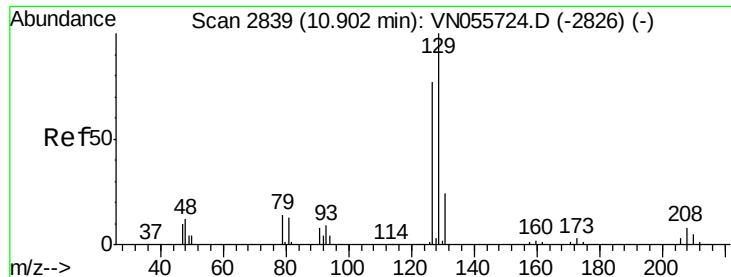
#52
1,3-Dichloropropane
Concen: 20.323 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion: 76 Resp: 100265
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VN0
Ion 78.00 (77.70 to 78.70): VN0

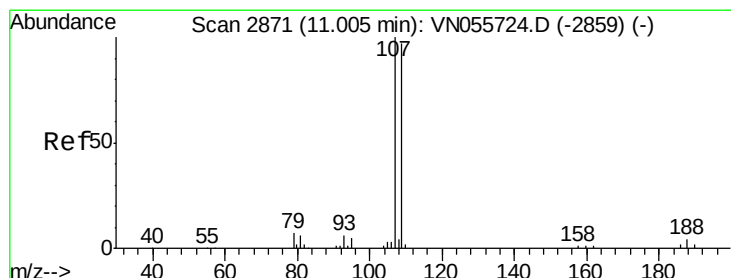
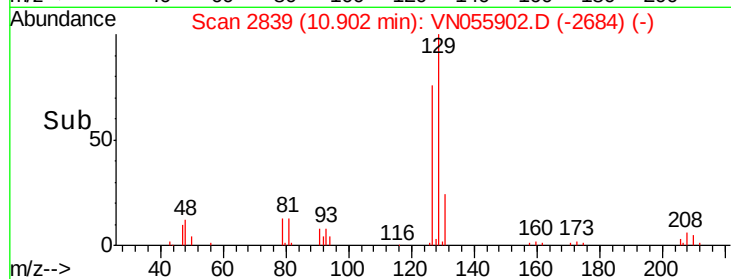
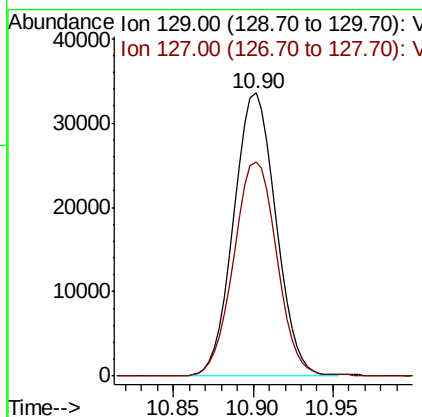
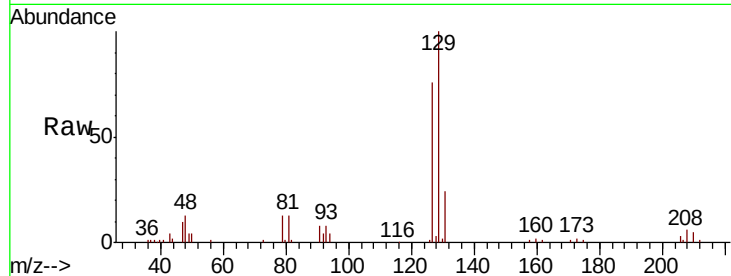




#53
 Dibromochloromethane
 Concen: 17.133 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

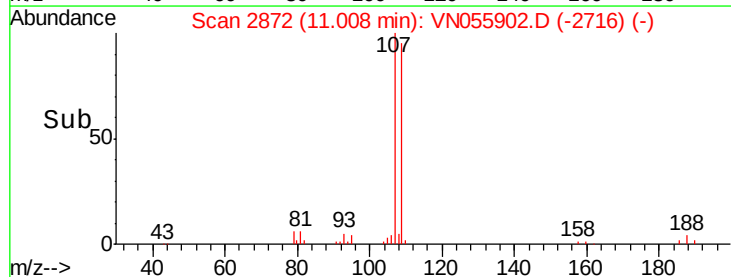
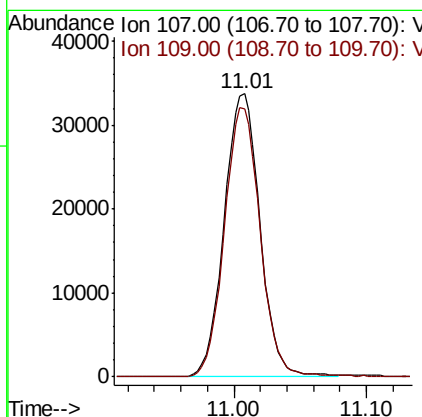
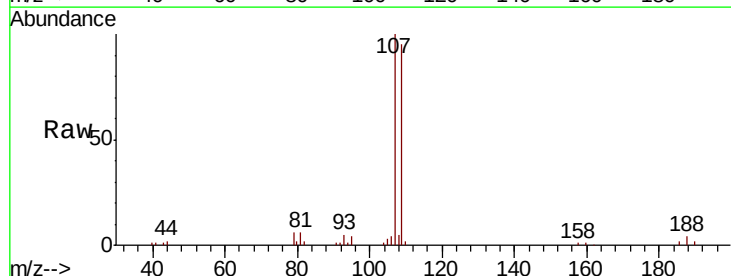
Instrument :
 MSVOA_N
 ClientSampleId :

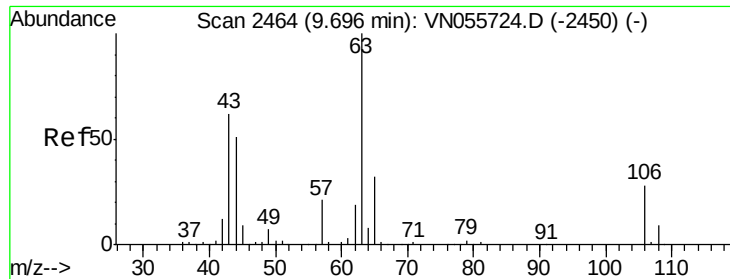
Tot Ion:129 Resp: 60581
 Ion Ratio Lower Upper
 129 100
 127 77.5 39.2 117.6



#54
 1,2-Dibromoethane
 Concen: 20.384 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion:107 Resp: 63135
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.6 115.0

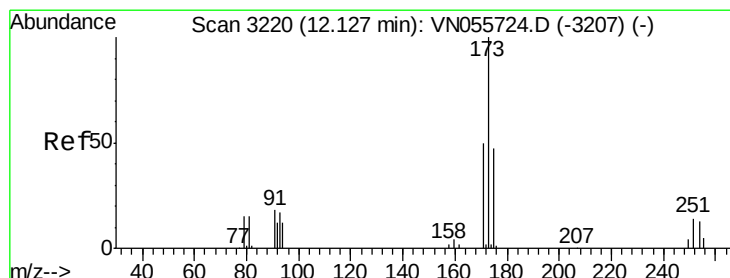
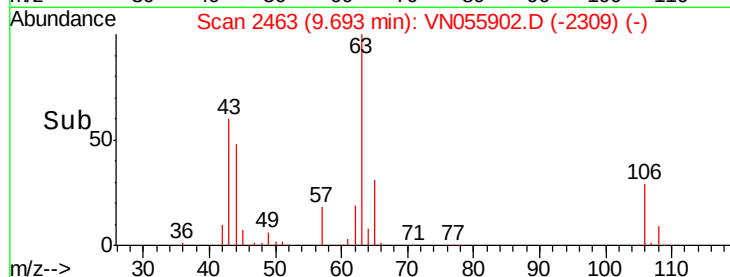
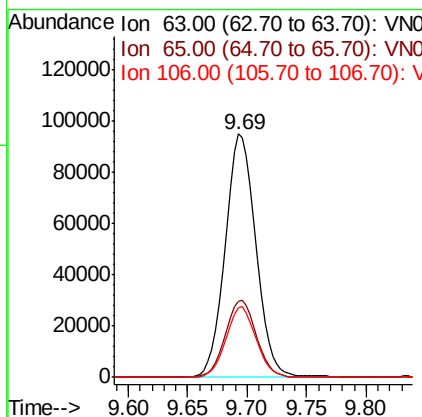
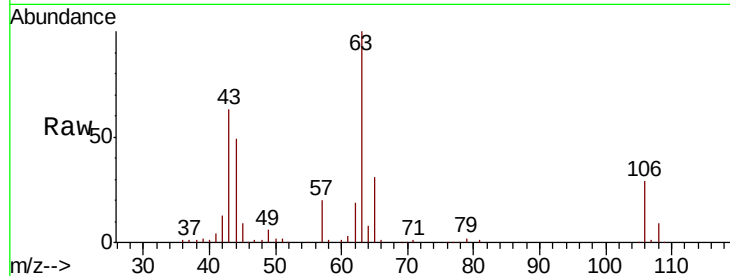




#55
2-Chloroethyl vinyl ether
Concen: 90.544 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

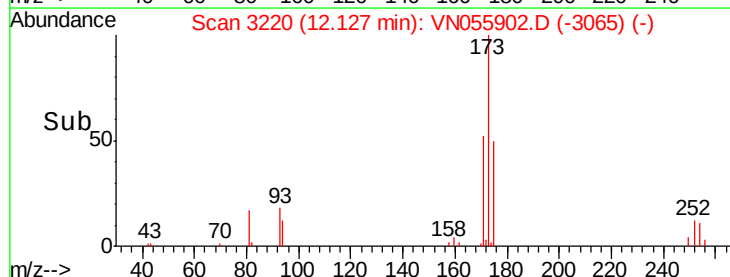
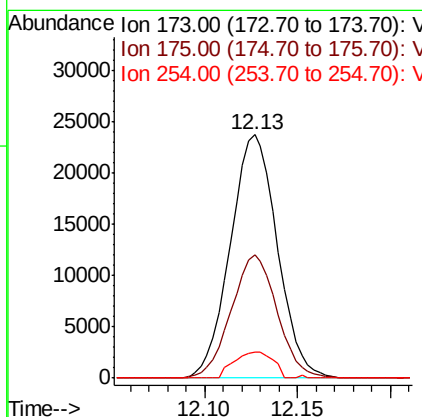
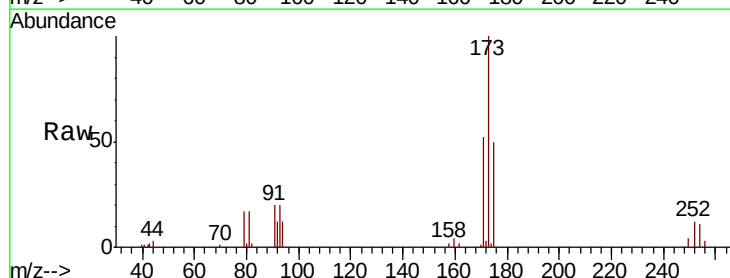
Instrument :
MSVOA_N
ClientSampleId :

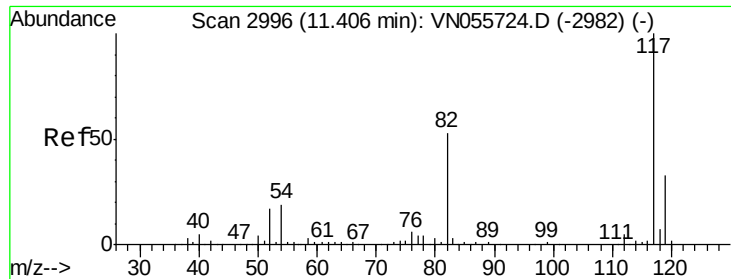
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.4	38.0
106	28.3	22.1	33.1



#56
Bromoform
Concen: 14.355 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.5	57.7
254	8.9	9.4	14.0

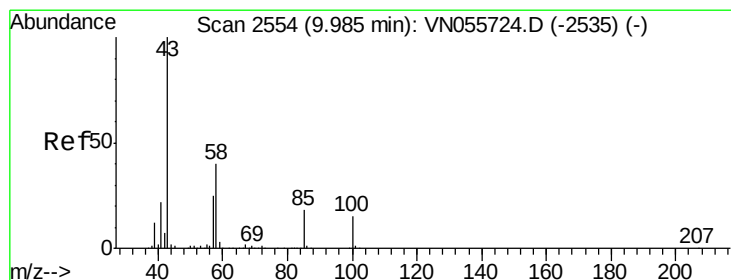
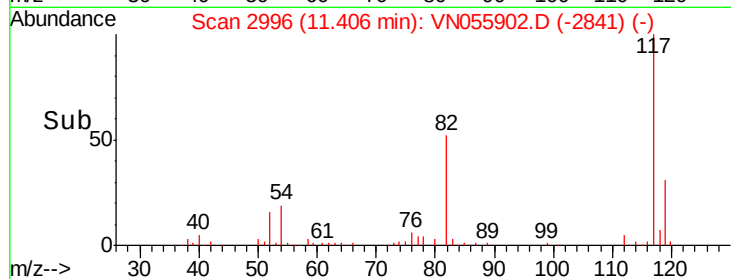
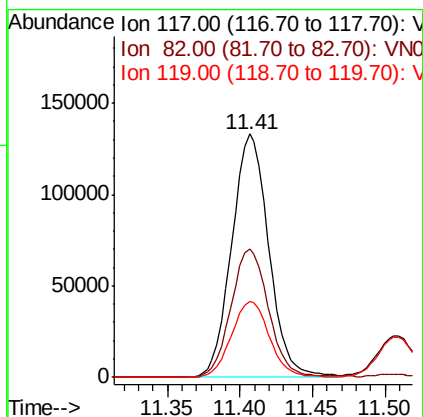
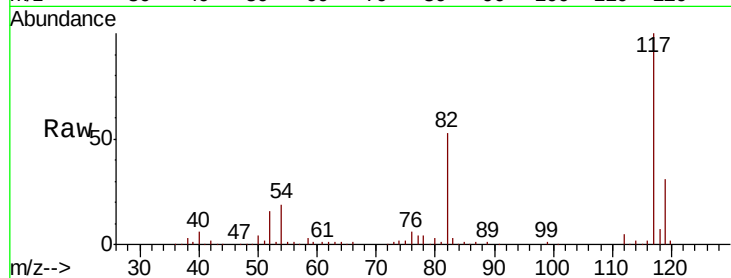




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

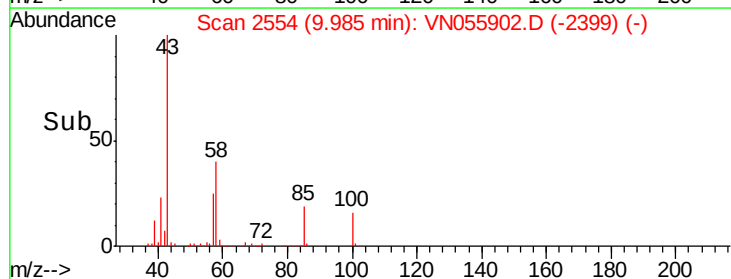
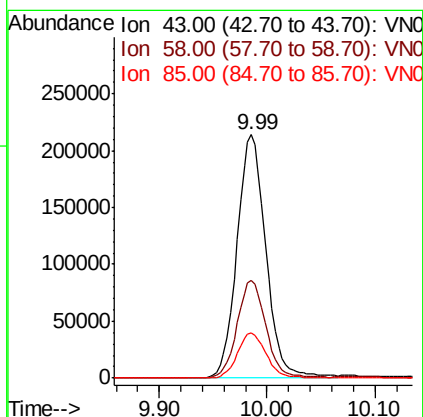
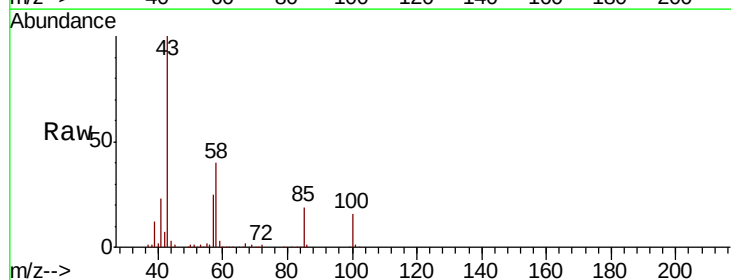
Instrument :
MSVOA_N
ClientSampled :

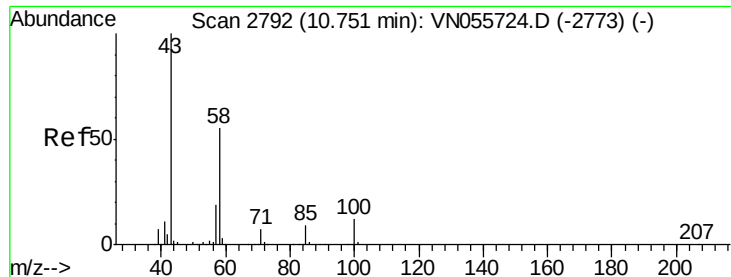
Tot Ion:117 Resp: 236607
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 32.0 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 101.743 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion: 43 Resp: 398520
Ion Ratio Lower Upper
43 100
58 40.0 31.7 47.5
85 18.6 14.5 21.7

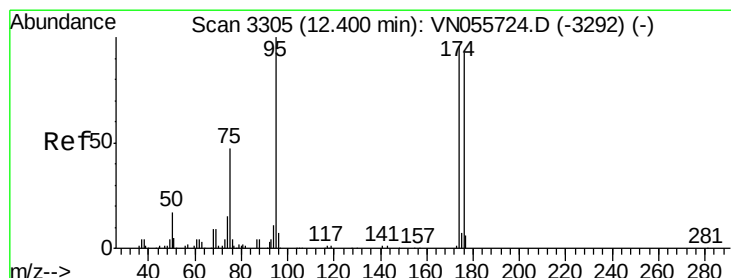
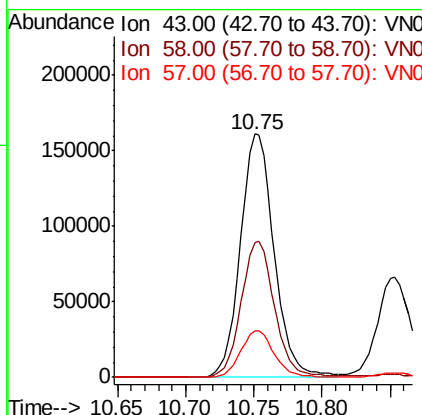
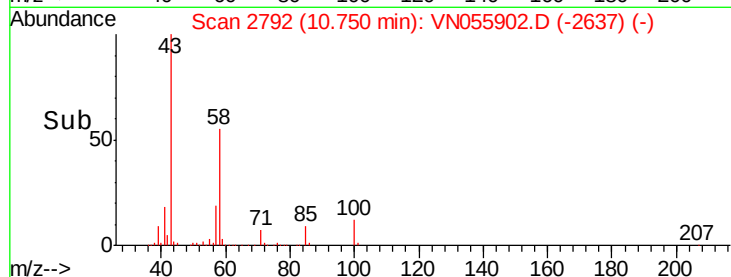
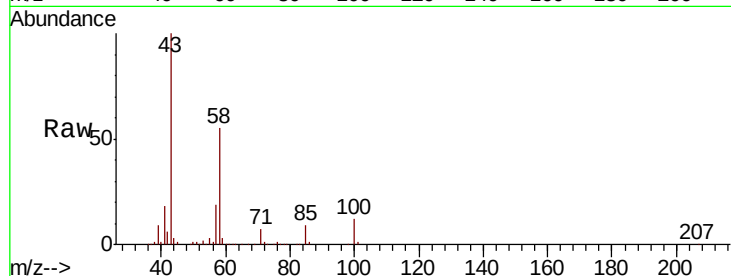




#59
2-Hexanone
Concen: 98.257 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

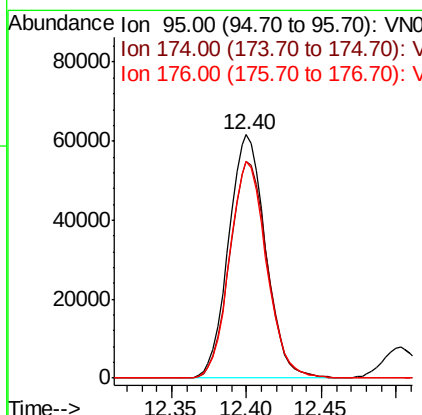
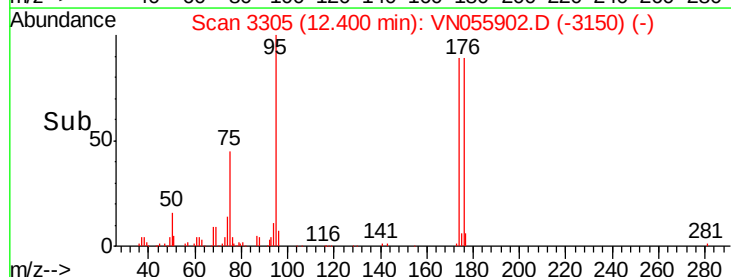
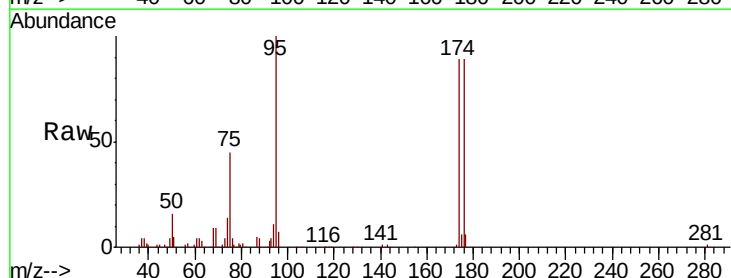
Instrument :
MSVOA_N
ClientSampled :

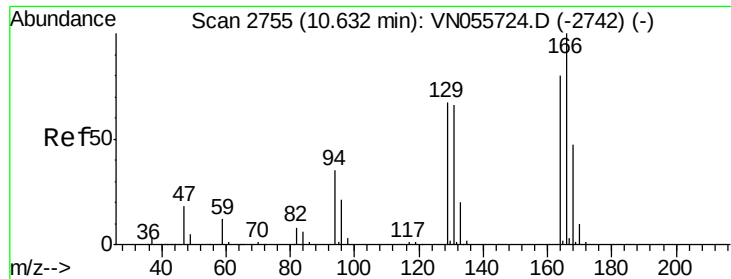
Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	44.8	67.2
57	19.3	15.3	22.9



#60
4-Bromofluorobenzene
Concen: 28.852 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	75.7	113.5
176	88.7	74.1	111.1





#61

Tetrachloroethene

Concen: 20.414 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 65386

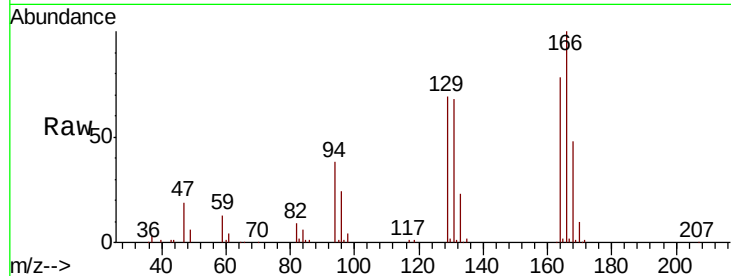
Ion Ratio Lower Upper

164 100

166 129.0 100.6 150.8

129 89.4 67.4 101.2

131 87.9 66.6 99.8

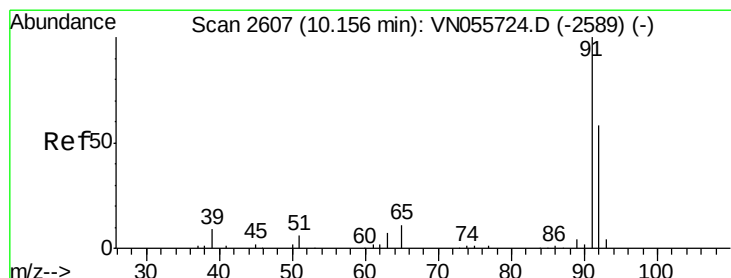
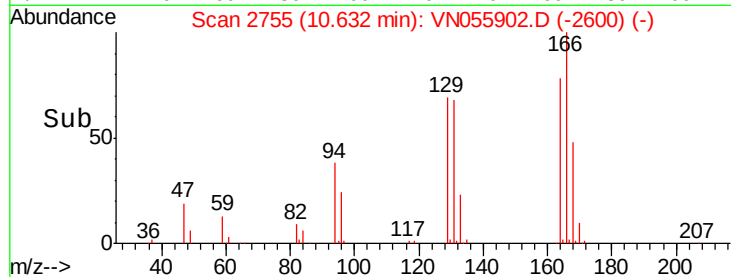
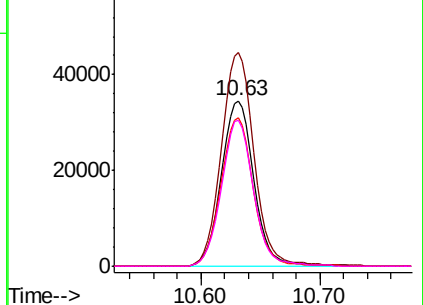


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.928 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055902.D

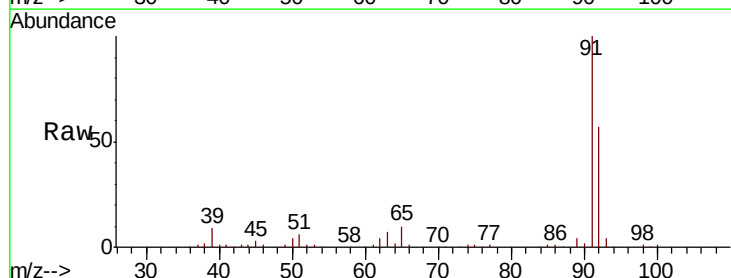
Acq: 30 May 2019 16:12

Tgt Ion: 91 Resp: 266274

Ion Ratio Lower Upper

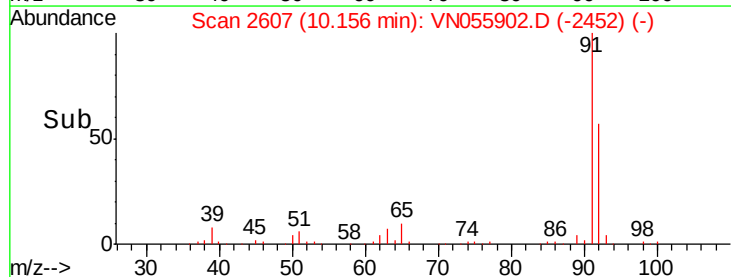
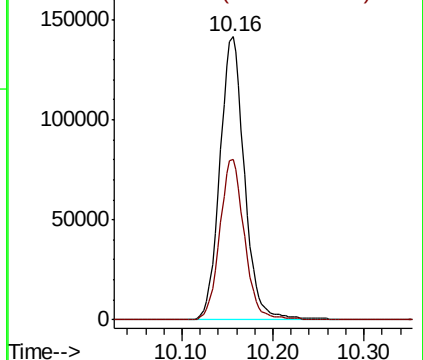
91 100

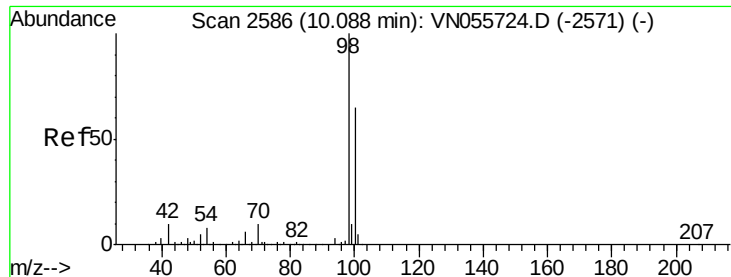
92 56.7 45.6 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.349 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

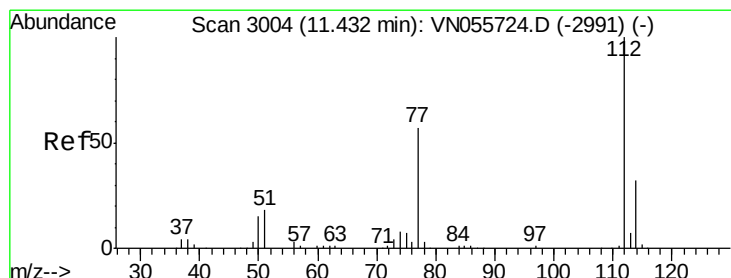
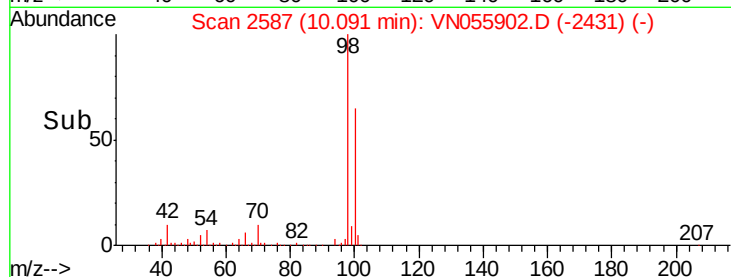
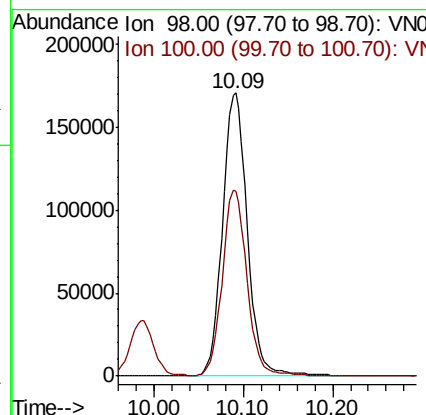
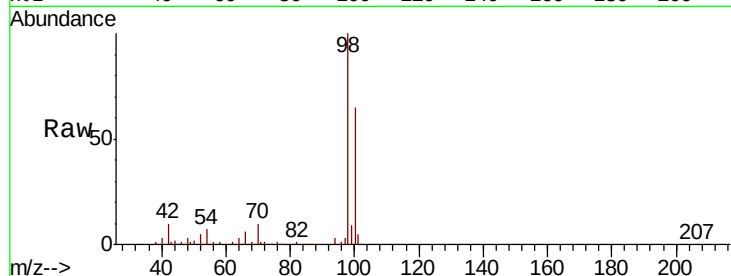
ClientSampleId :

Tot Ion: 98 Resp: 328150

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#64

Chlorobenzene

Concen: 20.568 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055902.D

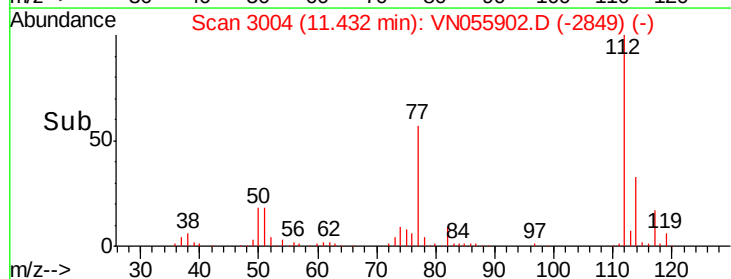
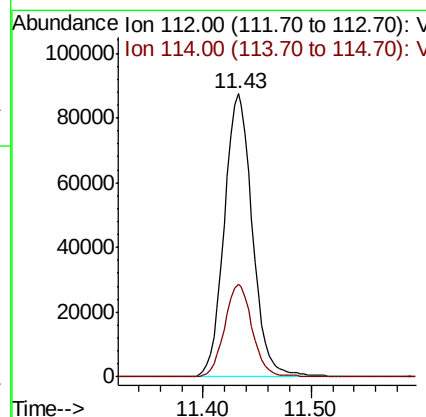
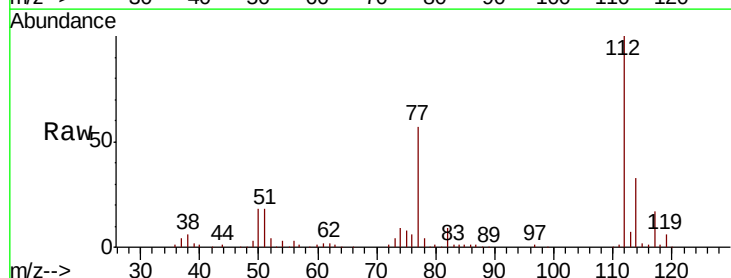
Acq: 30 May 2019 16:12

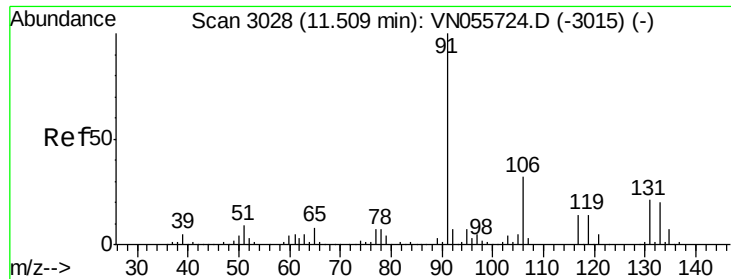
Tgt Ion: 112 Resp: 158753

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.0

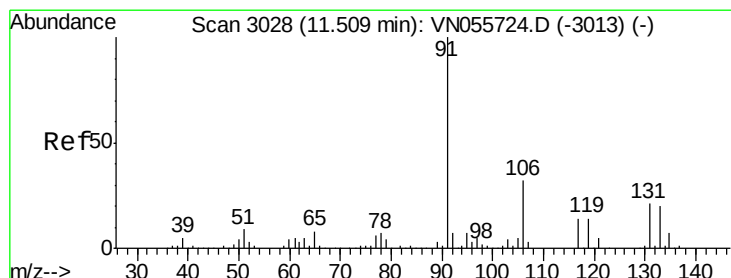
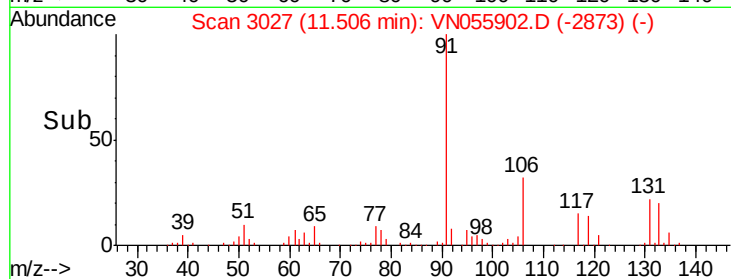
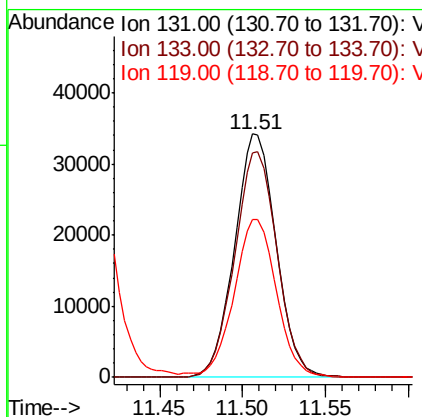
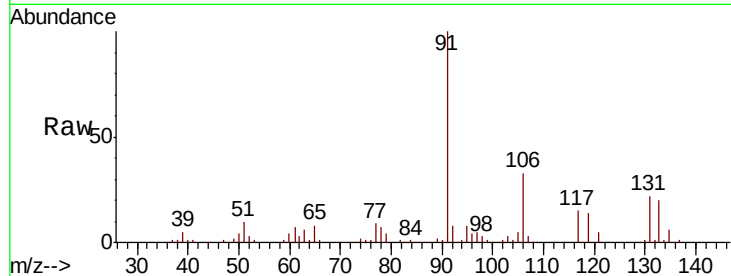




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.218 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

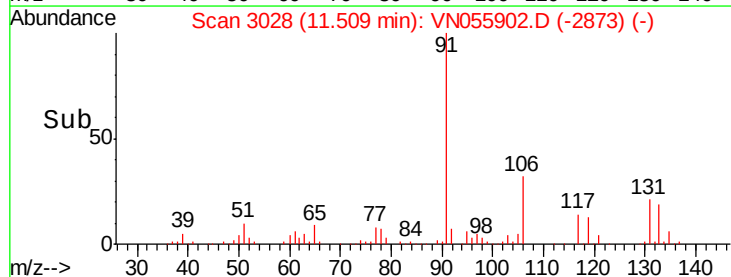
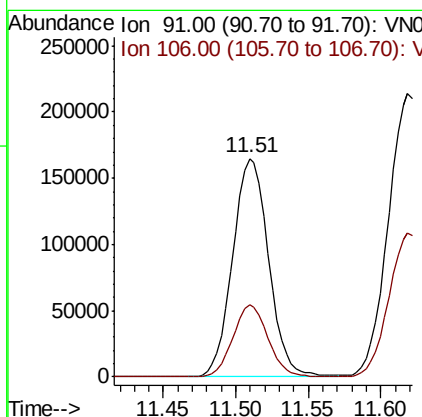
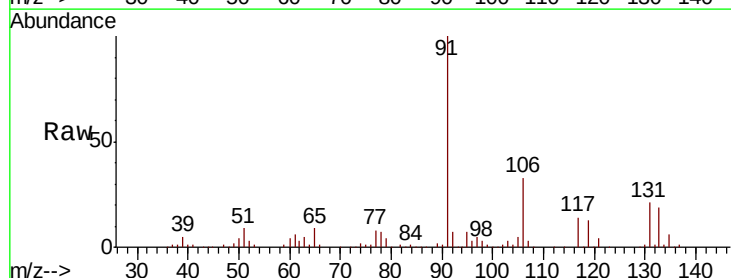
Instrument :
 MSVOA_N
 ClientSampleId :

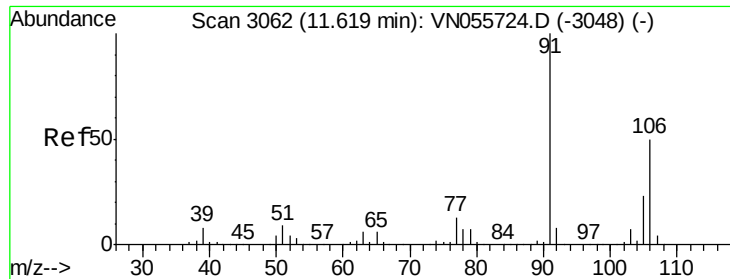
Tot Ion:131 Resp: 59765
 Ion Ratio Lower Upper
 131 100
 133 94.5 0.0 188.8
 119 66.0 0.0 133.6



#66
 Ethyl Benzene
 Concen: 20.449 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion: 91 Resp: 284276
 Ion Ratio Lower Upper
 91 100
 106 33.0 25.6 38.4

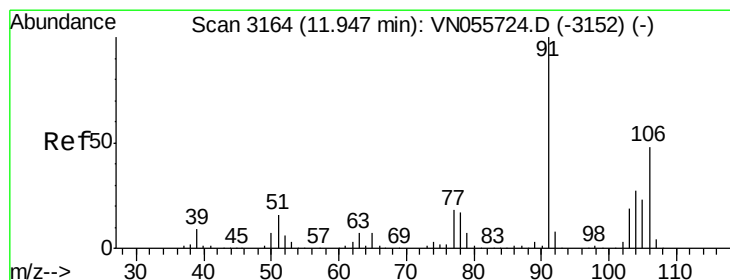
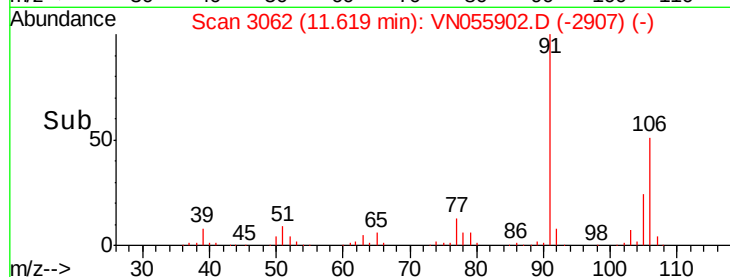
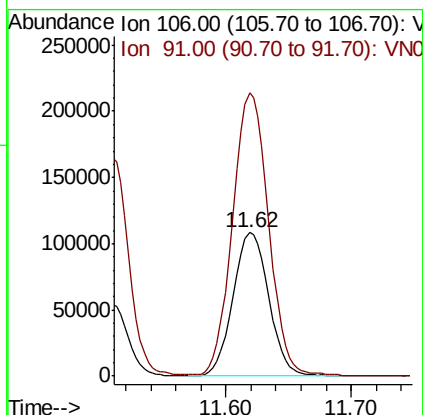
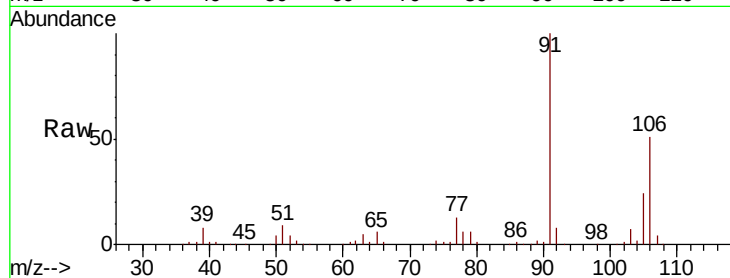




#67
m/p-Xylenes
Concen: 40.491 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

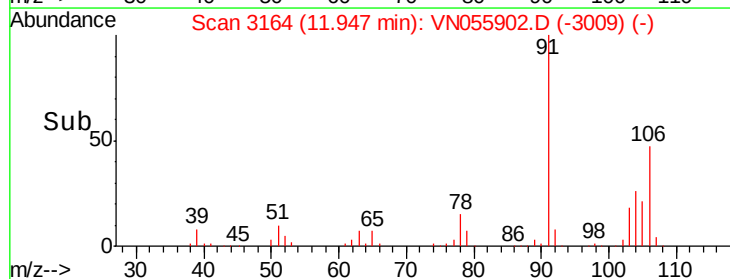
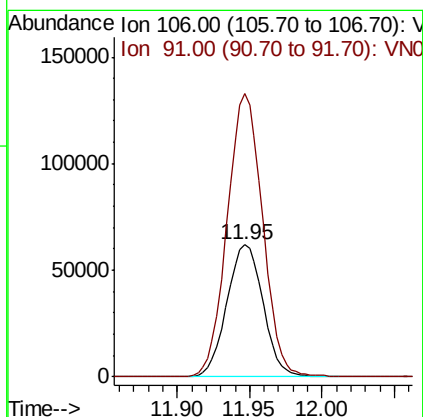
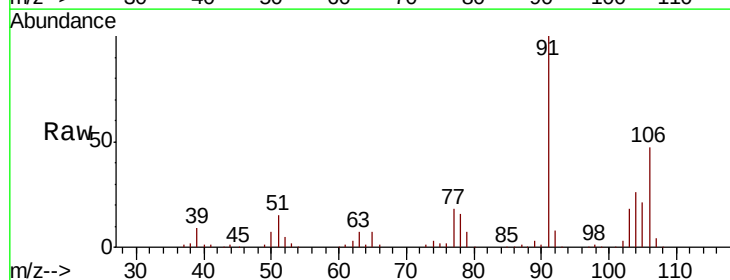
Instrument :
MSVOA_N
ClientSampled :

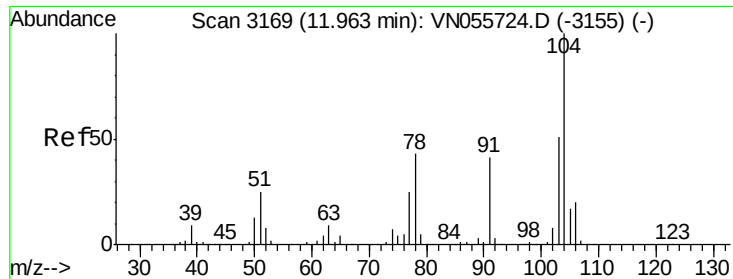
Tot Ion:106 Resp: 213836
Ion Ratio Lower Upper
106 100
91 200.3 159.5 239.3



#68
o-Xylene
Concen: 20.509 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion:106 Resp: 107181
Ion Ratio Lower Upper
106 100
91 210.5 105.4 316.1

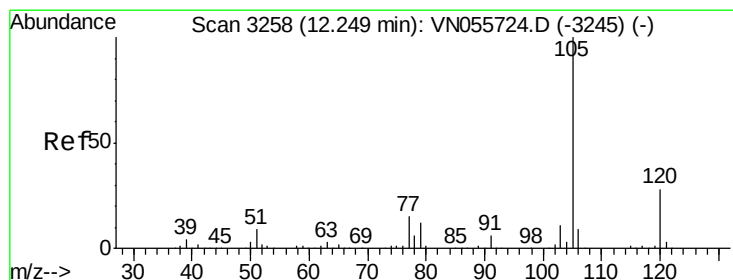
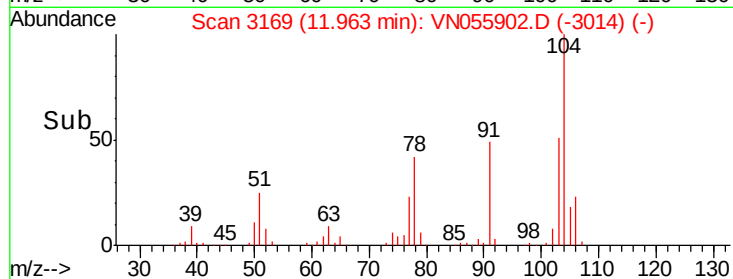
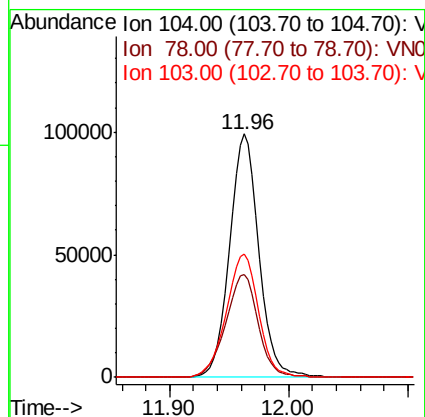
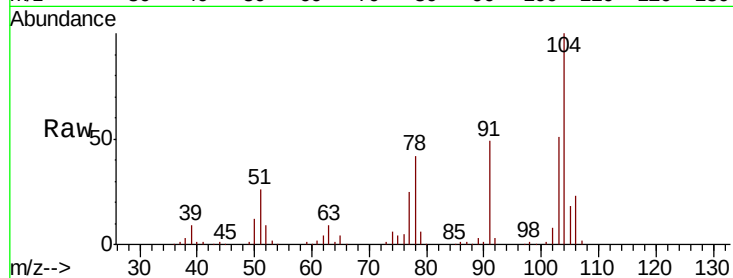




#69
Stvrene
Concen: 19.622 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

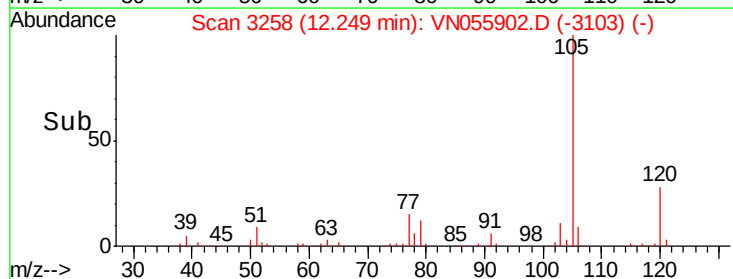
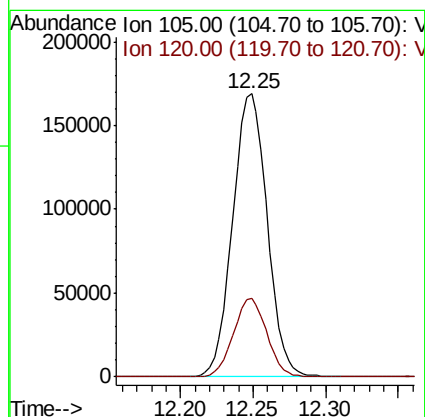
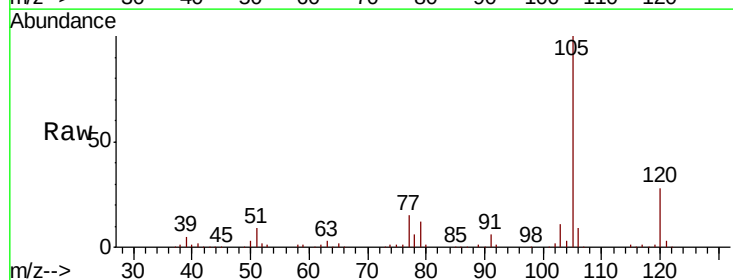
Instrument :
MSVOA_N
ClientSampled :

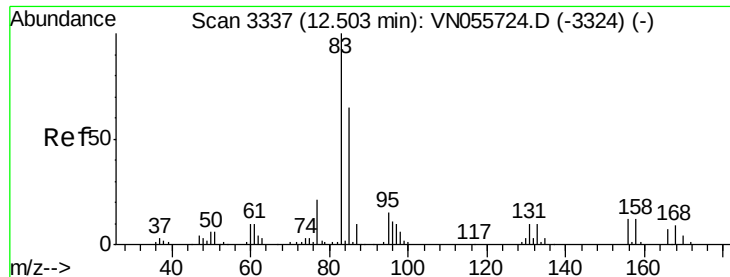
Tot Ion:104 Resp: 169180
Ion Ratio Lower Upper
104 100
78 47.0 38.7 58.1
103 56.1 45.0 67.6



#70
Isopropylbenzene
Concen: 20.474 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion:105 Resp: 279958
Ion Ratio Lower Upper
105 100
120 26.9 19.2 35.6

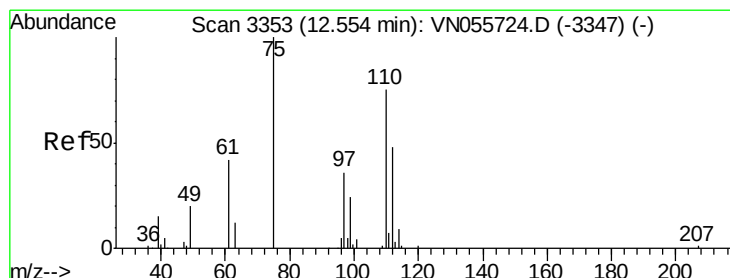
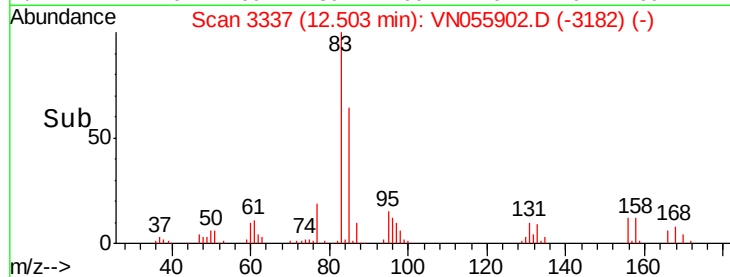
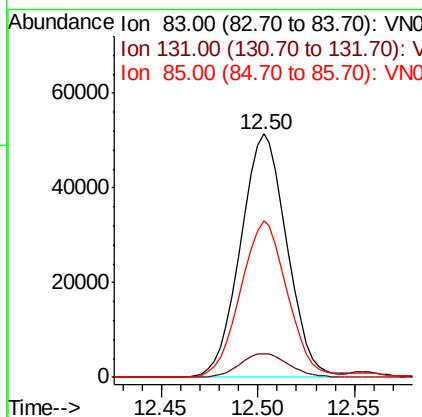
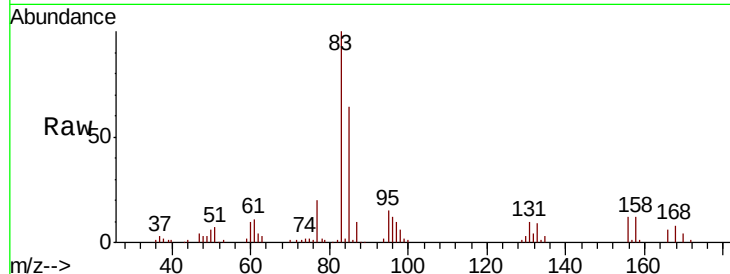




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.404 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

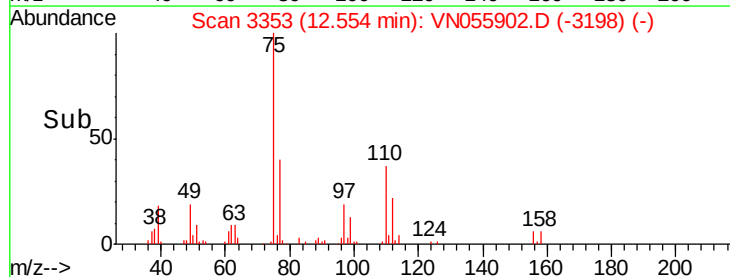
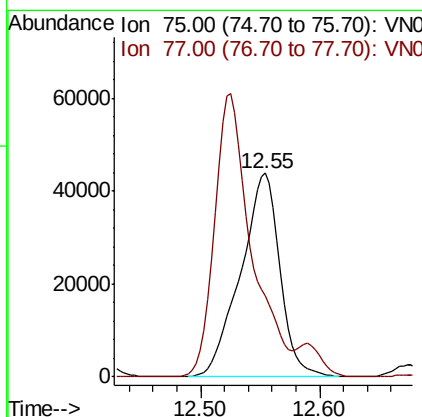
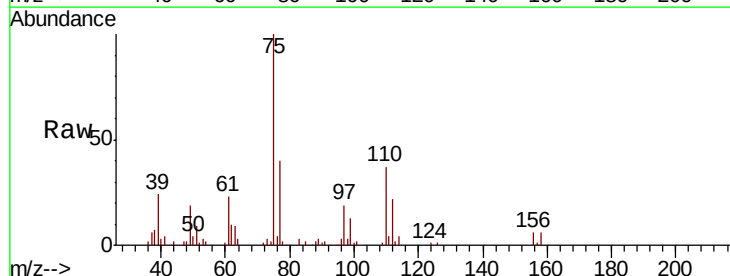
Instrument :
 MSVOA_N
 ClientSampleId :

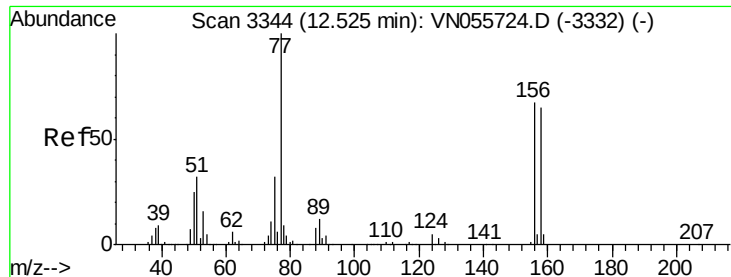
Tot Ion	83	Resp	85861
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	64.8	32.3	96.9



#72
 1,2,3-Trichloropropane
 Concen: 27.709 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion	75	Resp	100353
Ion Ratio	Lower	Upper	
75	100		
77	130.7	0.0	349.8





#73

Bromobenzene

Concen: 19.627 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampled :

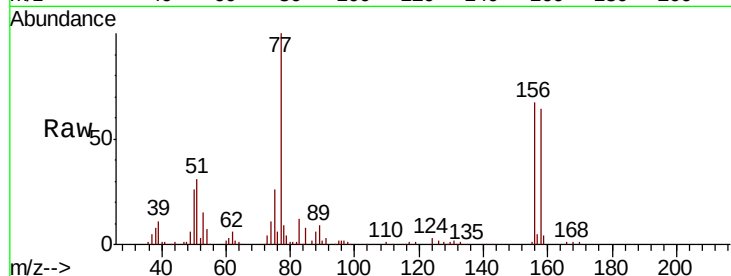
Tot Ion:156 Resp: 71000

Ion Ratio Lower Upper

156 100

77 184.7 0.0 368.0

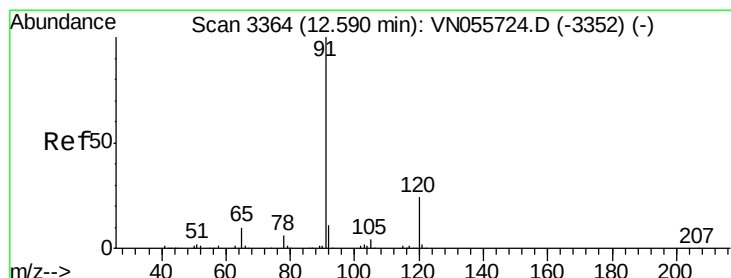
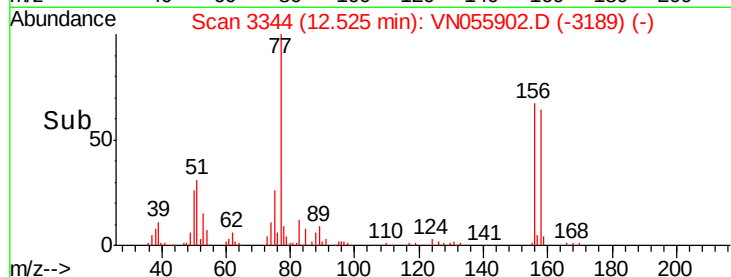
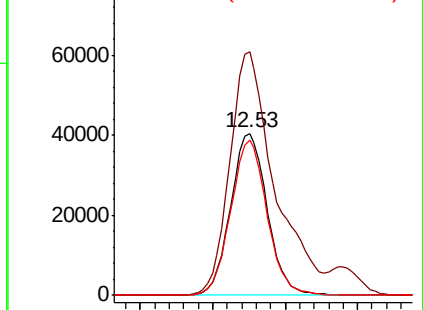
158 95.2 0.0 195.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.958 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055902.D

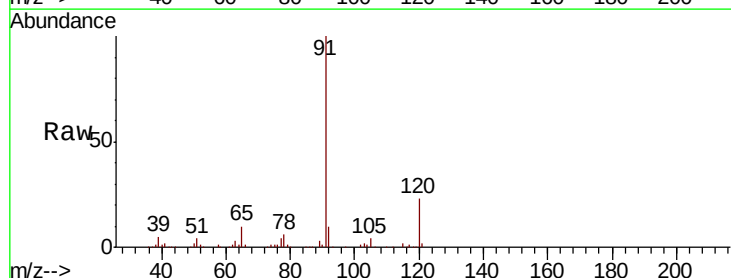
Acq: 30 May 2019 16:12

Tgt Ion: 91 Resp: 294321

Ion Ratio Lower Upper

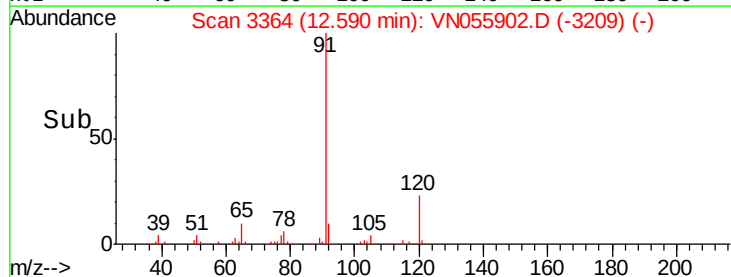
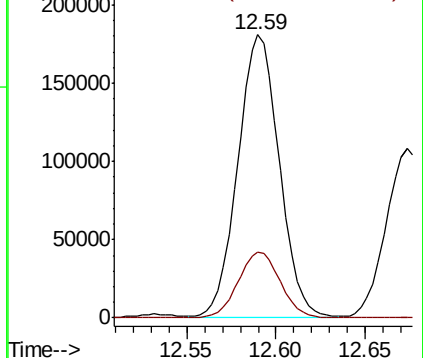
91 100

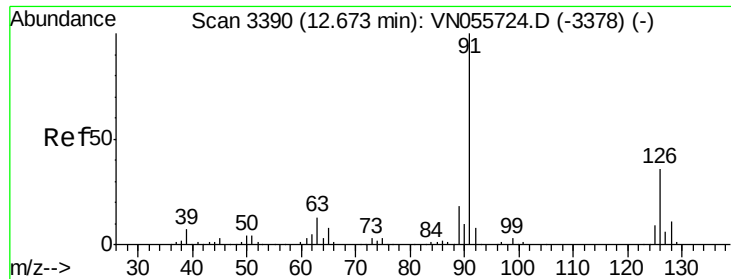
120 23.6 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.215 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

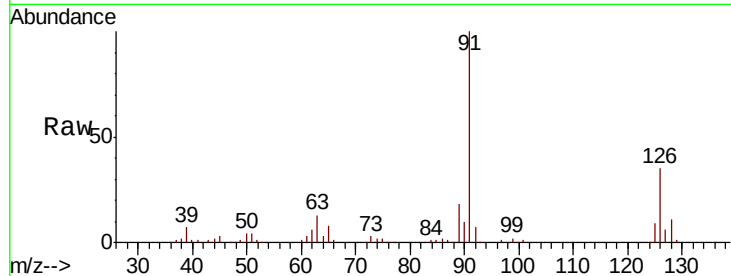
ClientSampled :

Tot Ion: 91 Resp: 182100

Ion Ratio Lower Upper

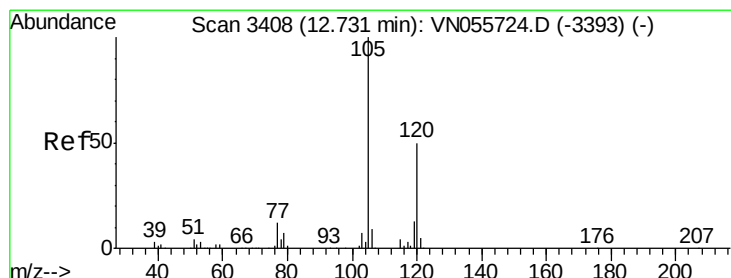
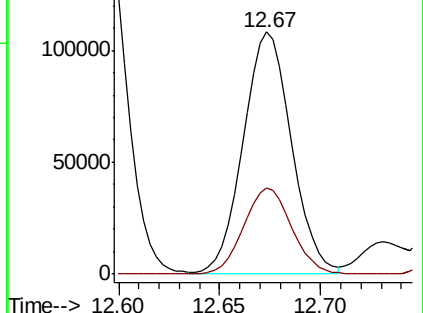
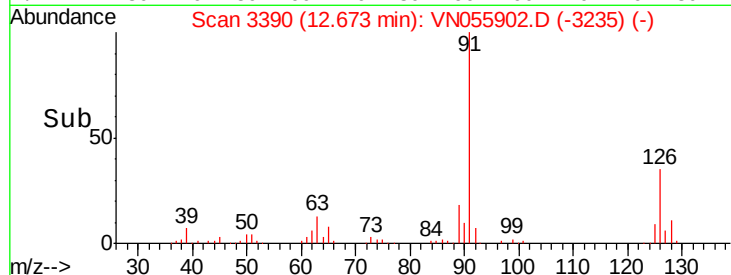
91 100

126 35.4 0.0 71.0



Abundance Ion 91.00 (90.70 to 91.70): VN055902.D (-3235) (-)

Ion 126.00 (125.70 to 126.70): VN055902.D (-3235) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.199 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055902.D

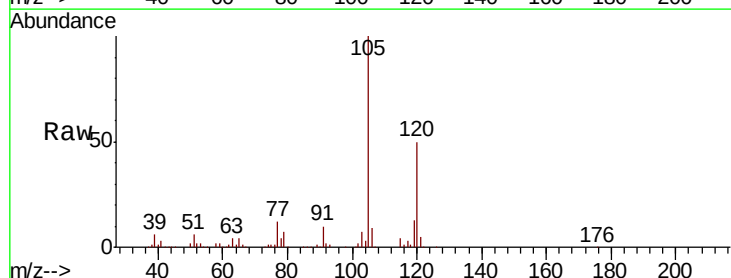
Acq: 30 May 2019 16:12

Tgt Ion:105 Resp: 228295

Ion Ratio Lower Upper

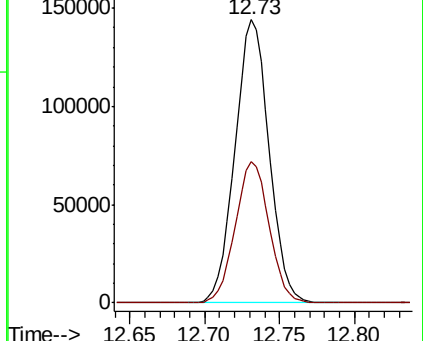
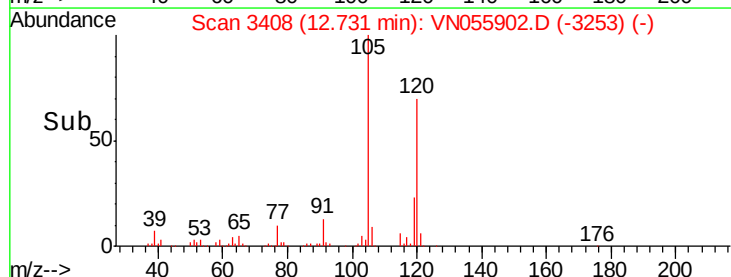
105 100

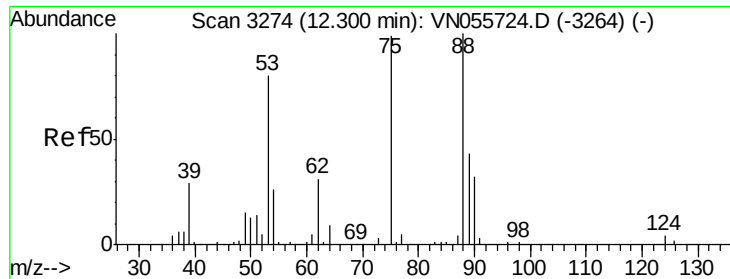
120 49.7 0.0 99.2



Abundance Ion 105.00 (104.70 to 105.70): VN055902.D (-3253) (-)

Ion 120.00 (119.70 to 120.70): VN055902.D (-3253) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 14.262 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

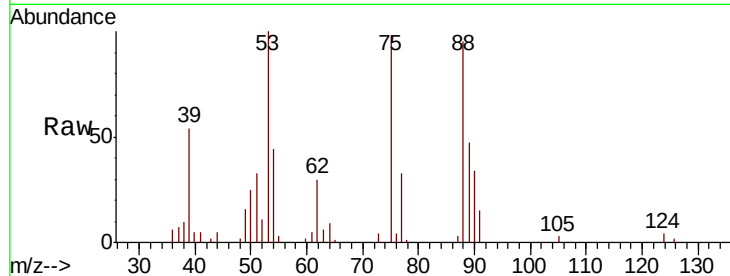
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 20517

Ion	Ratio	Lower	Upper
75	100		
53	100.6	40.1	120.3
89	48.2	22.6	67.8

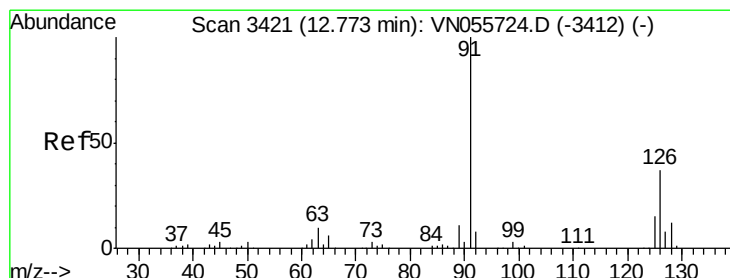
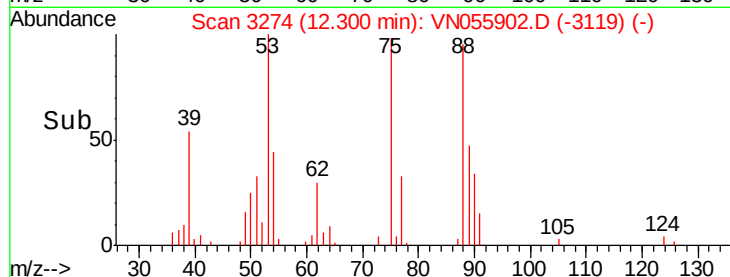
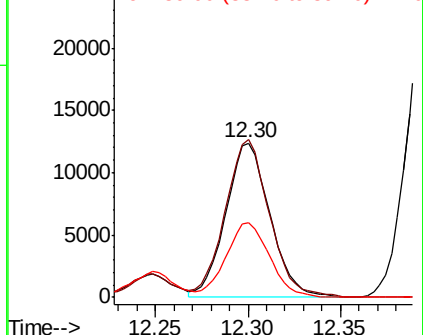


Abundance

Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.427 ug/l

RT: 12.77 min Scan# 3421

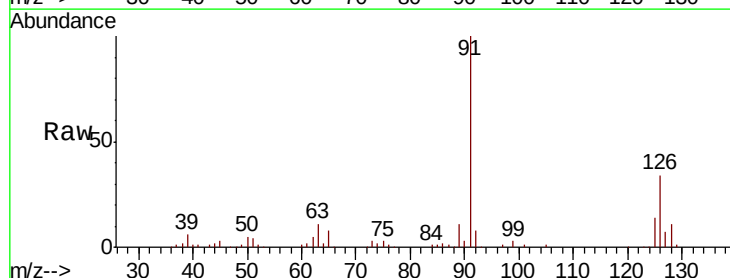
Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Tgt Ion: 91 Resp: 165863

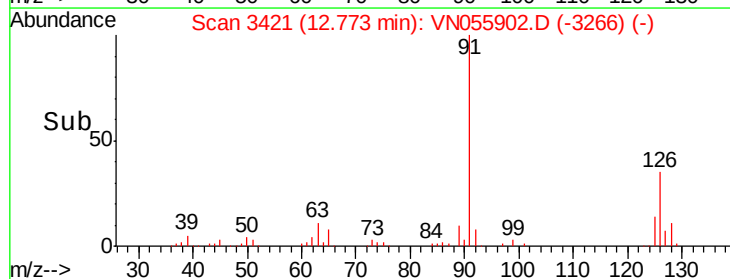
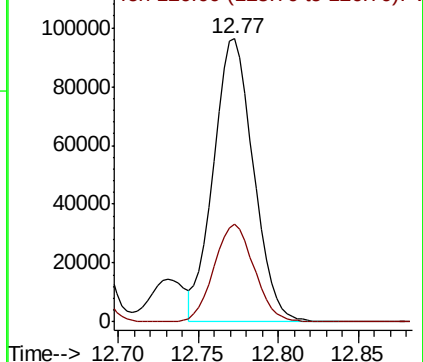
Ion	Ratio	Lower	Upper
91	100		
126	34.6	0.0	69.0

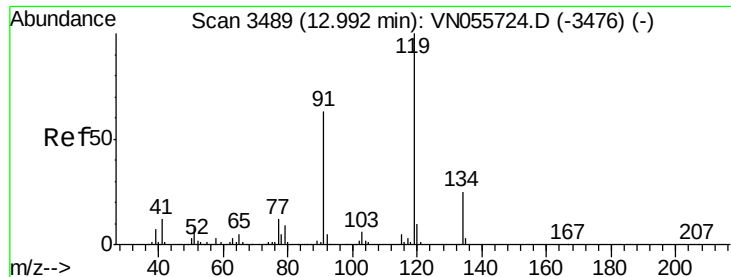


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

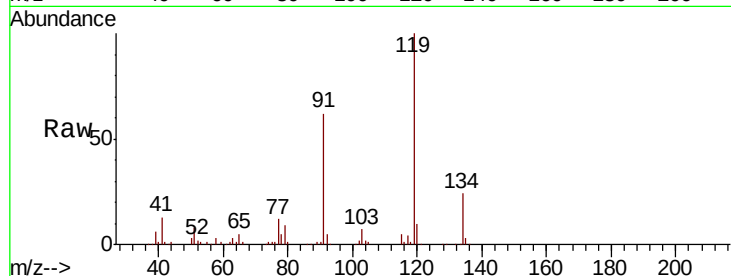




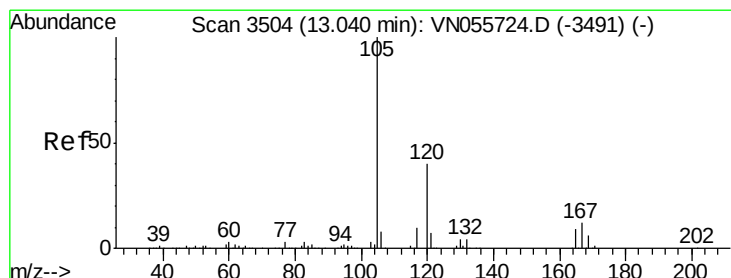
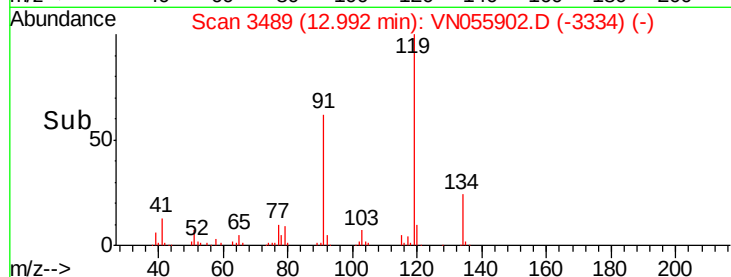
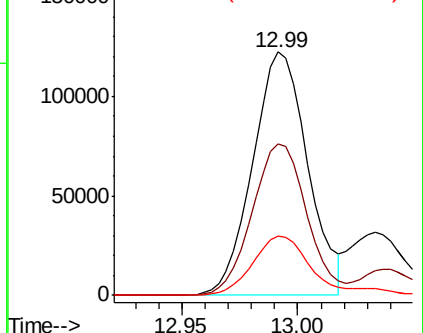
#79
tert-butylbenzene
Concen: 20.390 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	0.0	123.8
134	24.9	0.0	52.6

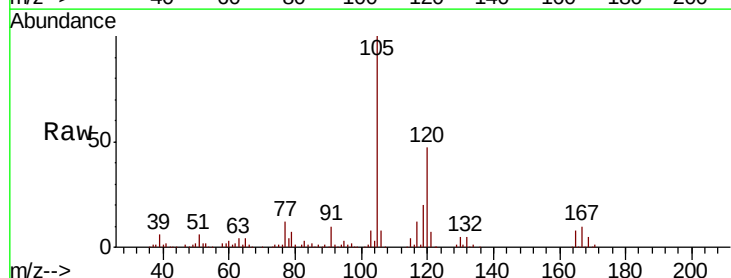


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

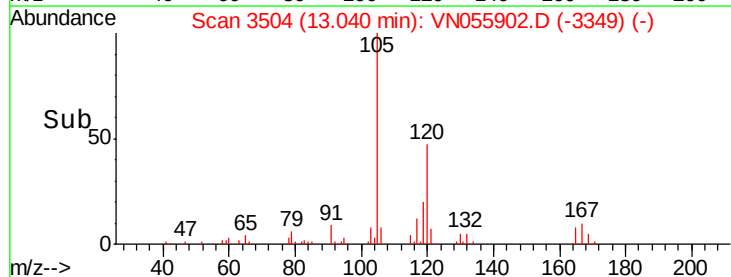
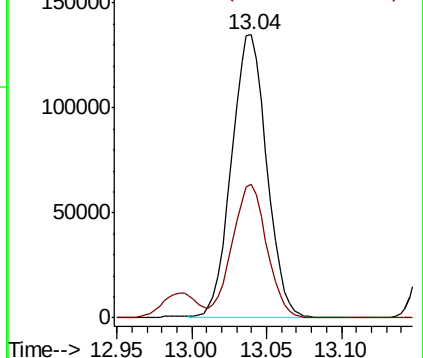


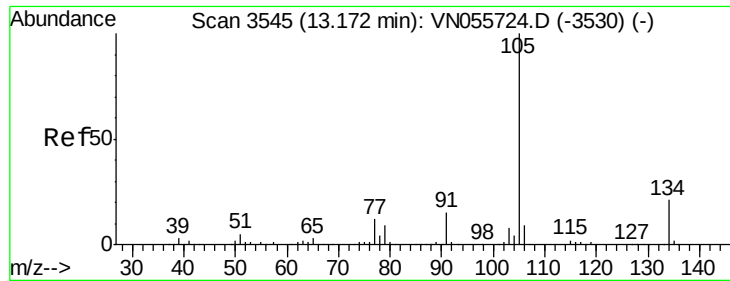
#80
1,2,4-Trimethylbenzene
Concen: 19.768 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	0.0	93.6



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

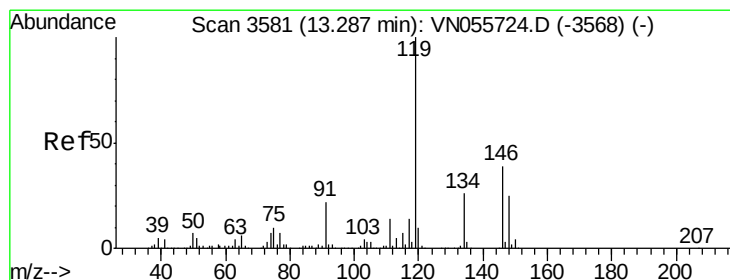
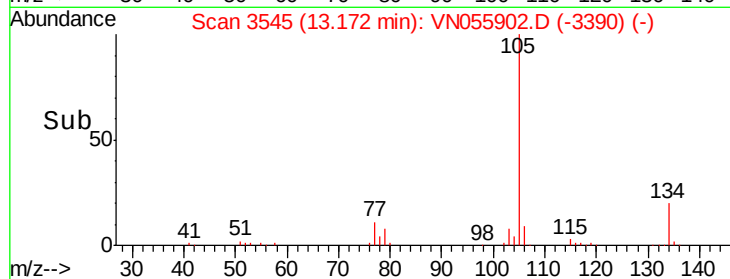
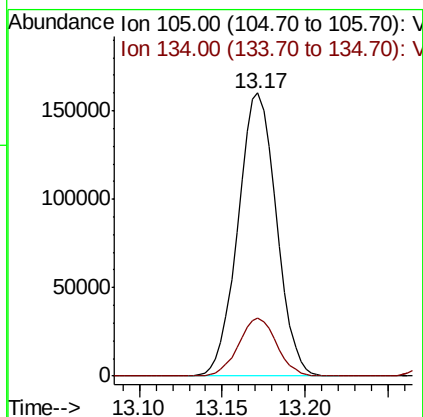
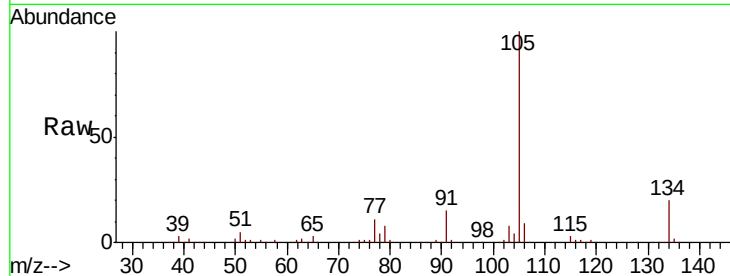




#81
 sec-Butylbenzene
 Concen: 20.427 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

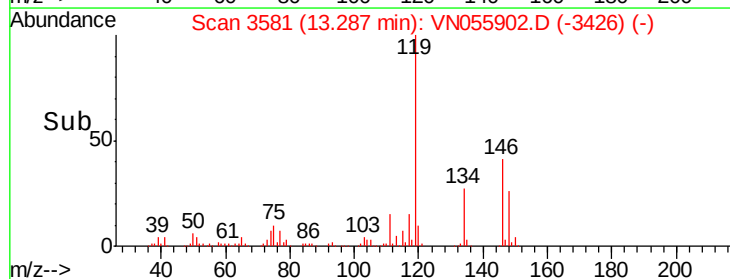
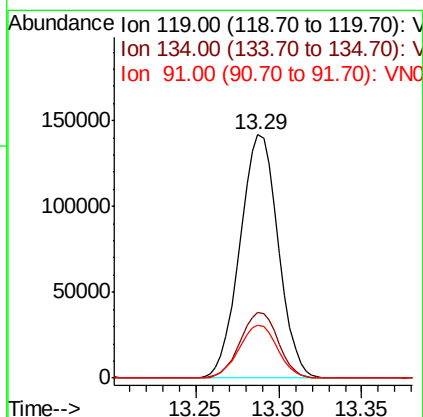
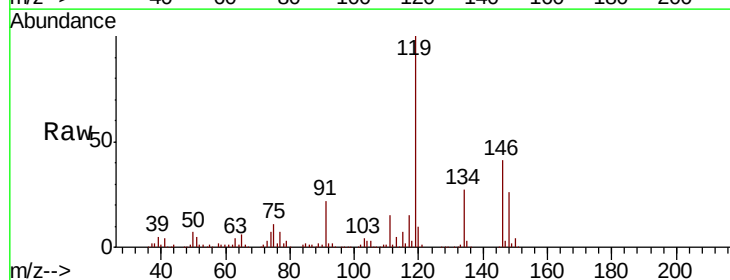
Instrument :
 MSVOA_N
 ClientSampleId :

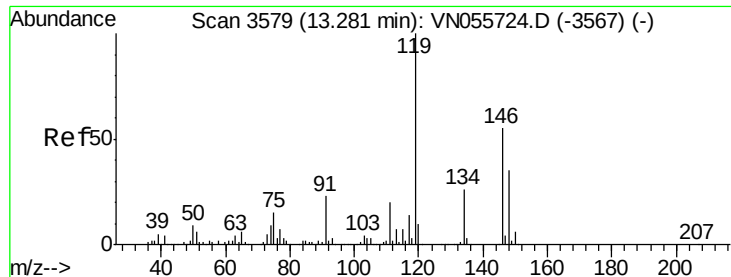
Tot Ion:105 Resp: 257879
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.4



#82
 p-Isopropyltoluene
 Concen: 19.582 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion:119 Resp: 227519
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.0
 91 21.8 0.0 44.4

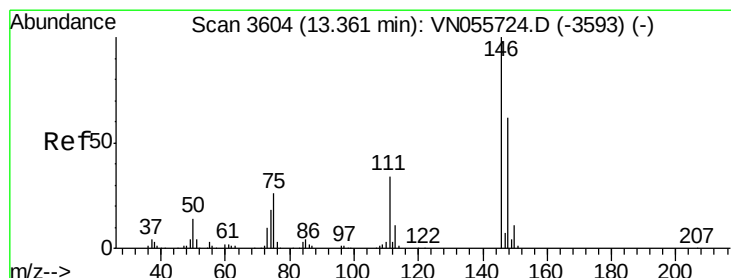
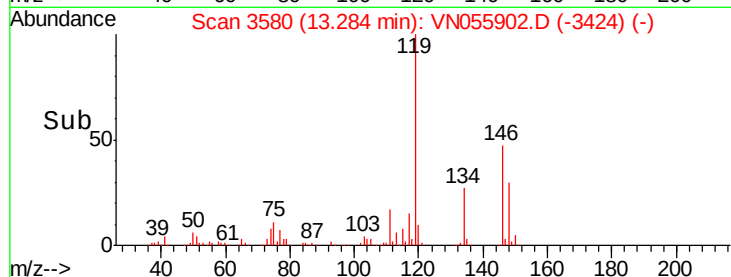
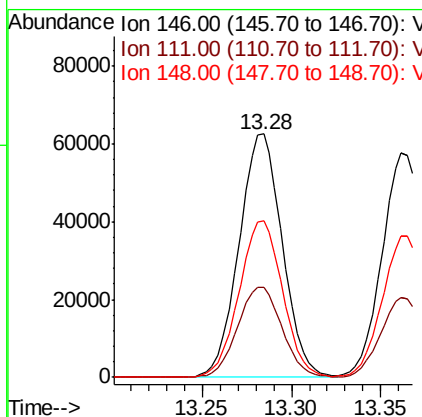
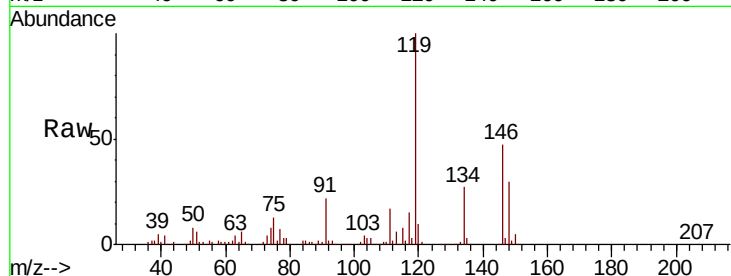




#83
 1,3-Dichlorobenzene
 Concen: 18.691 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

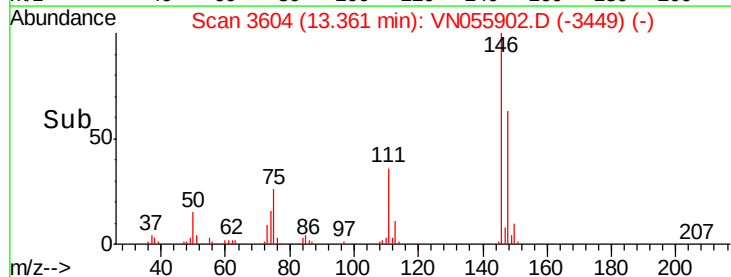
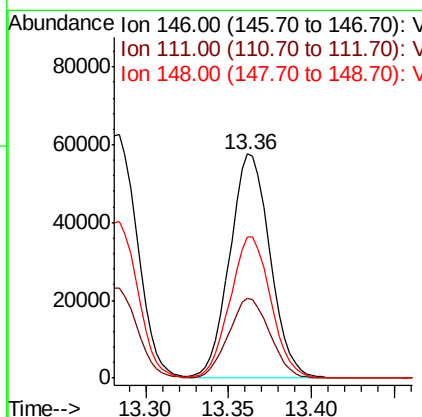
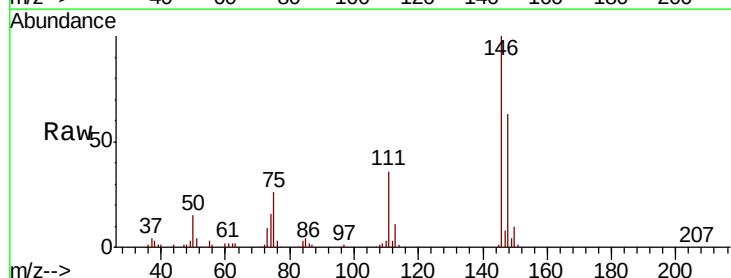
Instrument :
 MSVOA_N
 ClientSampleId :

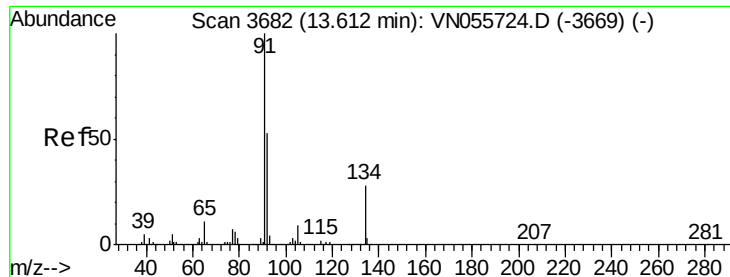
Tot Ion:146 Resp: 105990
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.6
 148 64.4 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 18.073 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion:146 Resp: 97601
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.5 52.6
 148 63.7 31.8 95.4





#85

n-Butylbenzene

Concen: 17.915 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

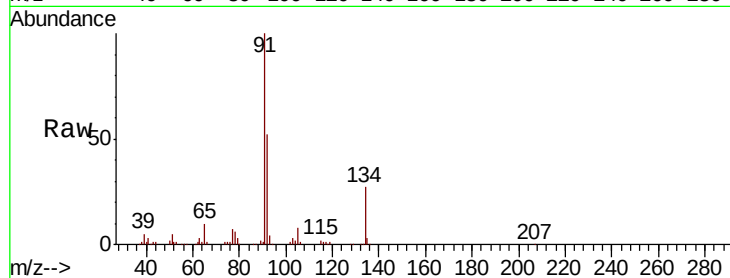
Tot Ion: 91 Resp: 161935

Ion Ratio Lower Upper

91 100

92 52.3 0.0 106.8

134 26.9 0.0 55.2

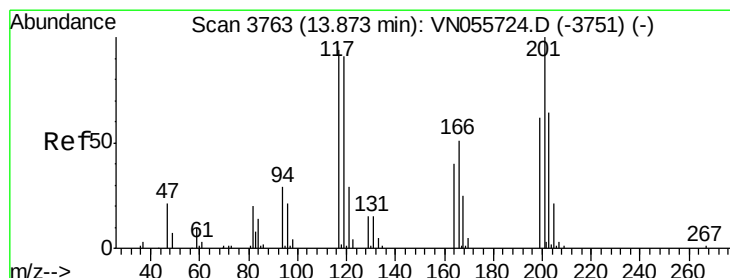
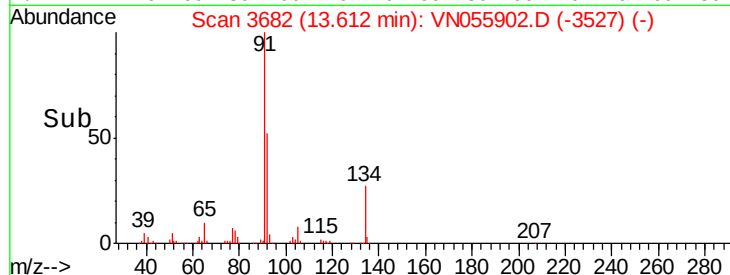
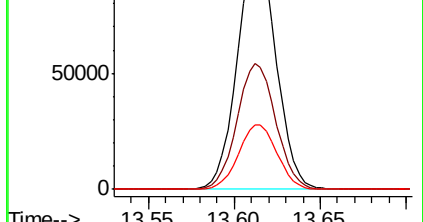


Abundance Ion 91.00 (90.70 to 91.70): VN055902.D (-3527) (-)

100000

50000

0



#86

Hexachloroethane

Concen: 15.866 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055902.D

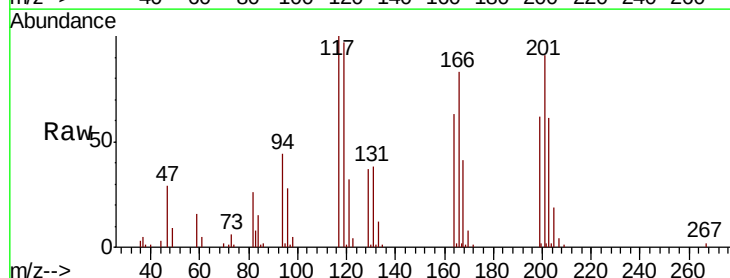
Acq: 30 May 2019 16:12

Tgt Ion: 117 Resp: 36259

Ion Ratio Lower Upper

117 100

201 93.6 52.5 157.6



Abundance Ion 117.00 (116.70 to 117.70): VN055902.D (-3701) (-)

25000

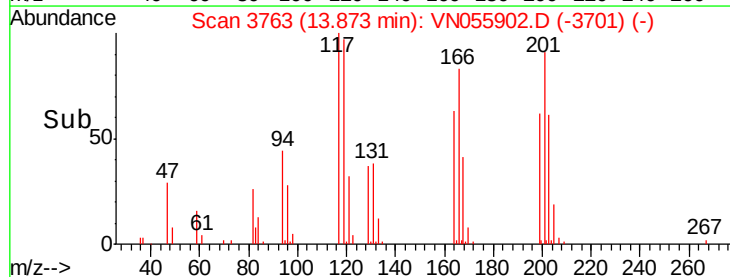
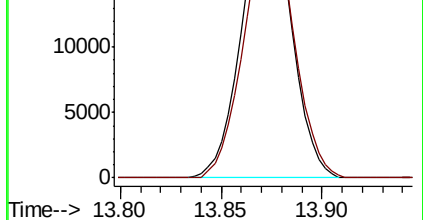
20000

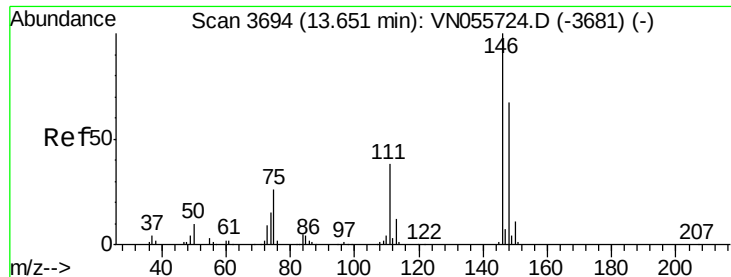
15000

10000

5000

0





#87

1,2-Dichlorobenzene

Concen: 19.102 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

Instrument :

MSVOA_N

ClientSampled :

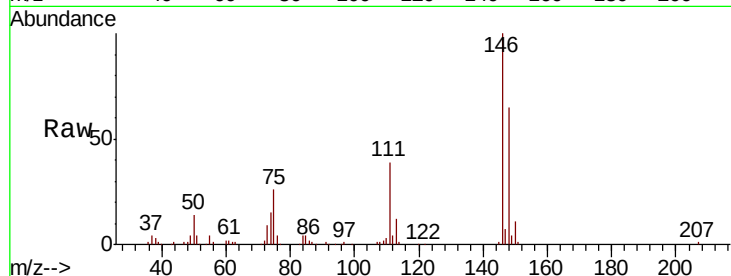
Tot Ion:146 Resp: 109073

Ion Ratio Lower Upper

146 100

111 38.9 19.2 57.6

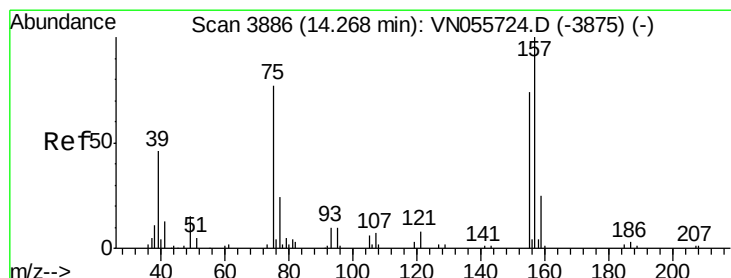
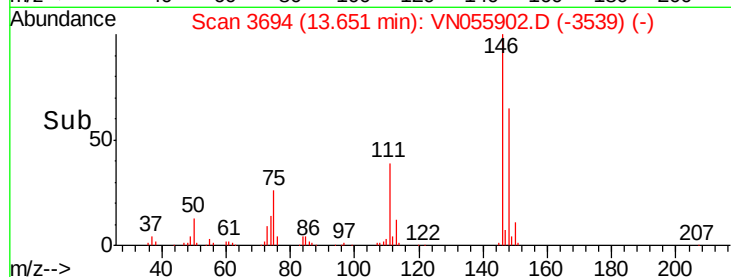
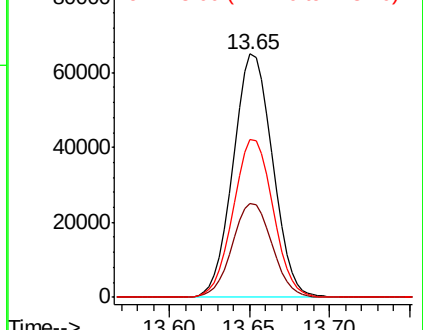
148 65.4 32.7 98.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.599 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055902.D

Acq: 30 May 2019 16:12

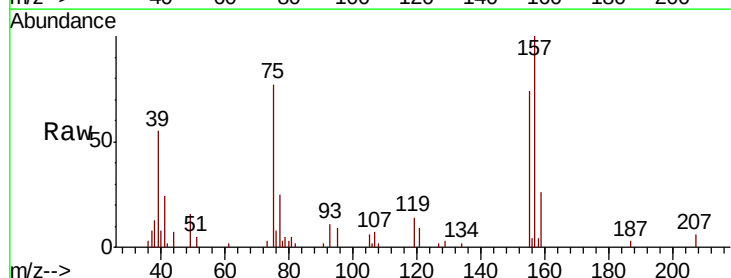
Tgt Ion: 75 Resp: 13239

Ion Ratio Lower Upper

75 100

155 93.7 78.4 117.6

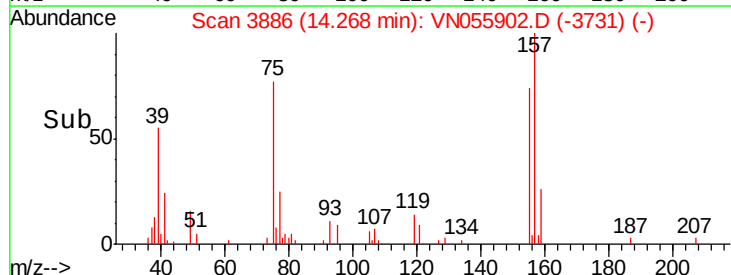
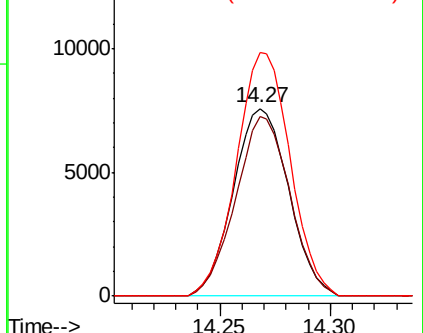
157 125.7 105.0 157.4

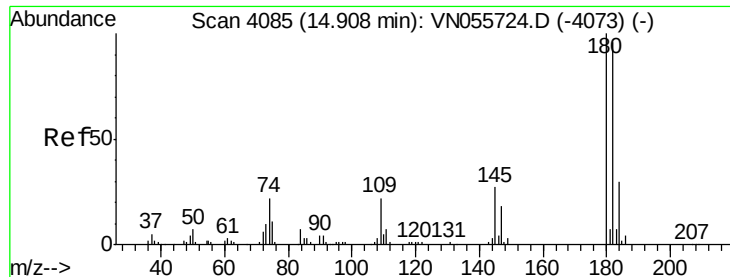


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

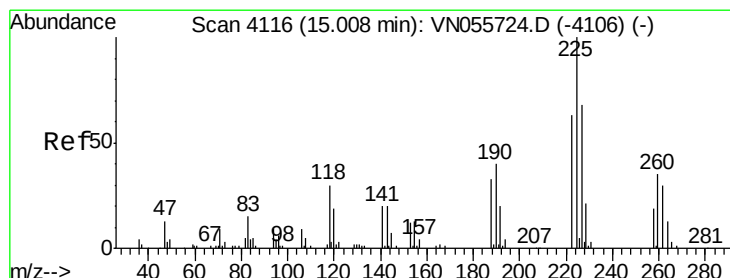
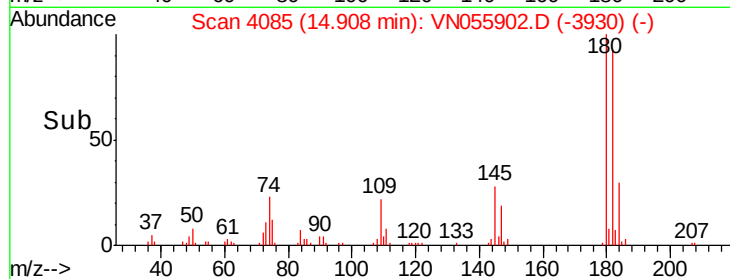
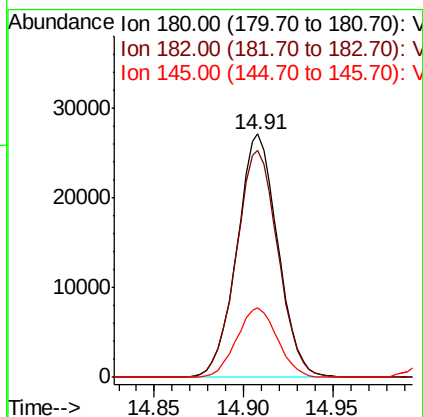
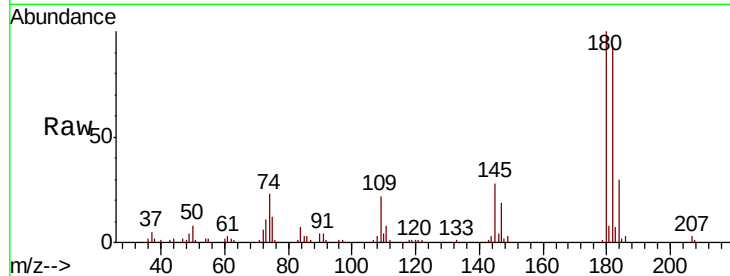




#89
 1,2,4-Trichlorobenzene
 Concen: 14.097 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

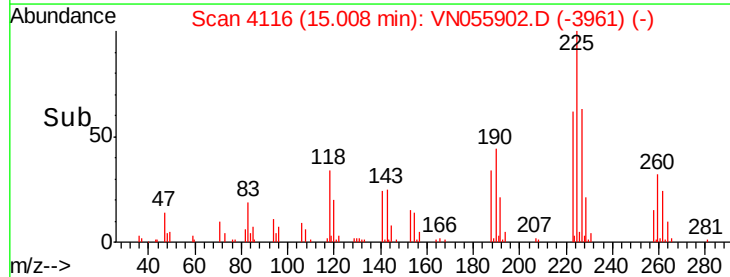
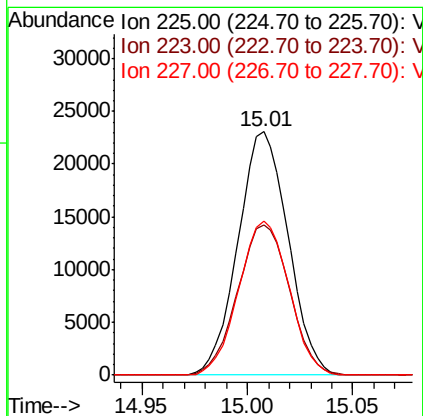
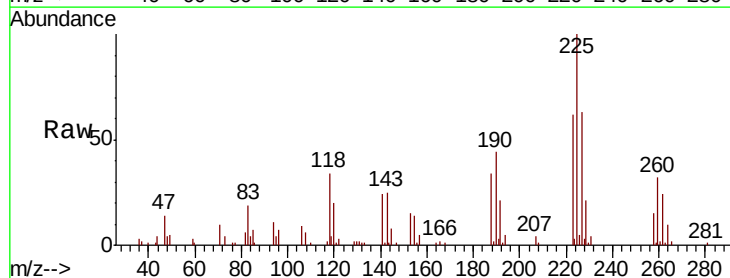
Instrument :
 MSVOA_N
 ClientSampleId :

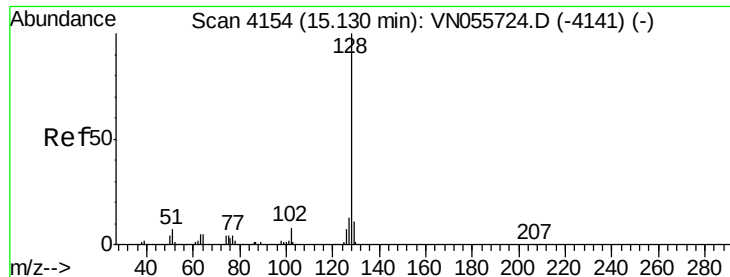
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.1	114.1
145	28.5	21.8	32.8



#90
 Hexachlorobutadiene
 Concen: 16.587 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN055902.D
 Acq: 30 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	0.0	126.0
227	63.4	0.0	133.0

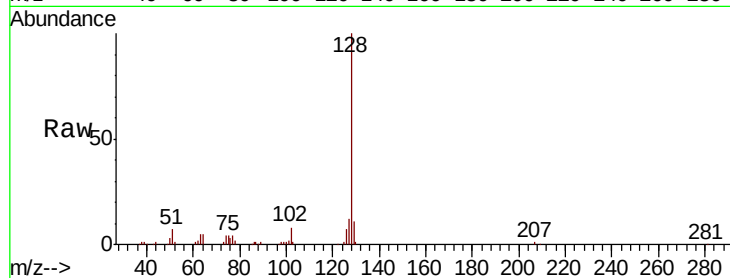




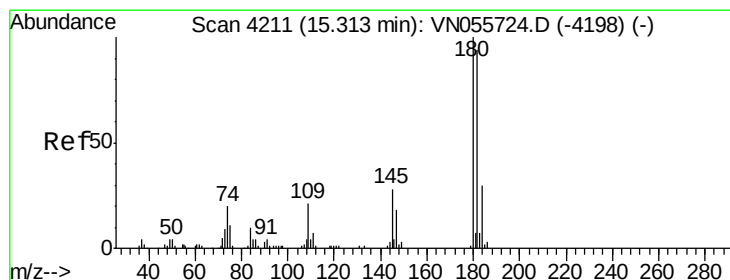
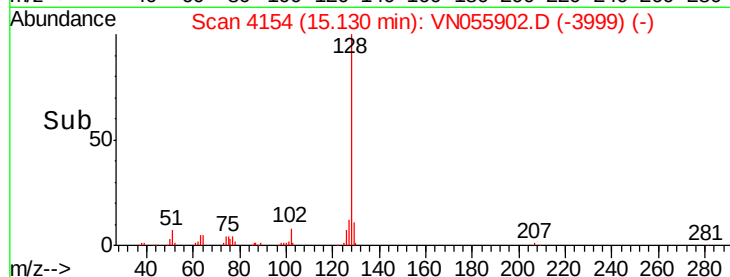
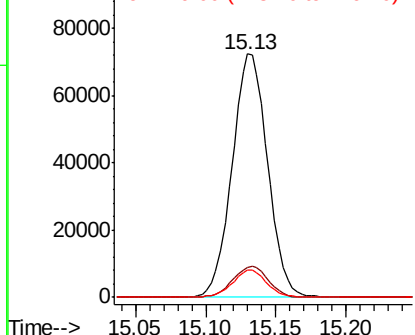
#91
Naphthalene
Concen: 15.147 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 127561
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.7 8.7 13.1

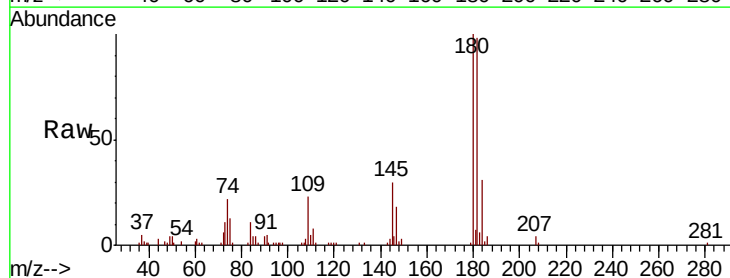


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 15.825 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055902.D
Acq: 30 May 2019 16:12

Tgt Ion:180 Resp: 50978
Ion Ratio Lower Upper
180 100
182 97.1 0.0 188.6
145 30.0 0.0 56.8



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

