

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058722.D
 Acq On : 11 Oct 2019 23:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 01:12:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	411676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	665548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	622672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	308564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	296628	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.57	113	214638	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.08	98	848480	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.41	95	317211	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	268306	52.330	ug/l	99
3) Chloromethane	2.04	50	300129	49.227	ug/l	99
4) Vinyl Chloride	2.17	62	304761	50.188	ug/l	99
5) Bromomethane	2.54	94	185342	50.174	ug/l	99
6) Chloroethane	2.68	64	188728	50.388	ug/l	97
7) Trichlorofluoromethane	3.00	101	377693	51.972	ug/l	99
8) Diethyl Ether	3.39	74	131340	48.914	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	206523	49.840	ug/l	99
10) Methyl Iodide	3.93	142	282404	49.942	ug/l	99
11) Tert butyl alcohol	4.76	59	233963	250.659	ug/l	99
12) 1,1-Dichloroethene	3.72	96	201116	50.870	ug/l	95
13) Acrolein	3.58	56	174915	233.008	ug/l	99
14) Allyl chloride	4.30	41	388497	48.693	ug/l	100
15) Acrylonitrile	4.96	53	616039	261.714	ug/l	99
16) Acetone	3.79	43	563154	236.023	ug/l	99
17) Carbon Disulfide	4.03	76	618688	48.955	ug/l	99
18) Methyl Acetate	4.30	43	309980	51.217	ug/l	97
19) Methyl tert-butyl Ether	5.02	73	731272	51.799	ug/l	96
20) Methylene Chloride	4.53	84	241470	48.423	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	220469	49.853	ug/l	97
22) Diisopropyl ether	5.93	45	799676	51.549	ug/l	99
23) Vinyl Acetate	5.87	43	3427067	273.783	ug/l	100
24) 1,1-Dichloroethane	5.83	63	452793	51.249	ug/l	99
25) 2-Butanone	6.81	43	872100	252.876	ug/l	98
26) 2,2-Dichloropropane	6.80	77	334492	41.474	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	255483	49.541	ug/l	98
28) Bromochloromethane	7.18	49	157383	51.203	ug/l	99
29) Tetrahydrofuran	7.19	42	586061	262.963	ug/l	100
30) Chloroform	7.36	83	443528	49.966	ug/l	98
31) Cyclohexane	7.64	56	409813	48.478	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	394887	52.163	ug/l	100
36) 1,1-Dichloropropene	7.78	75	336975	50.077	ug/l	99
37) Ethyl Acetate	6.91	43	366503	53.855	ug/l	99
38) Carbon Tetrachloride	7.76	117	344693	52.559	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058722.D
 Acq On : 11 Oct 2019 23:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 01:12:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	394030	50.462	ug/l	99
40) Benzene	8.03	78	997977	51.639	ug/l	98
41) Methacrylonitrile	7.15	41	159623	50.107	ug/l #	34
42) 1,2-Dichloroethane	8.11	62	378342	50.957	ug/l	100
43) Isopropyl Acetate	8.15	43	596286	51.434	ug/l	100
44) Trichloroethene	8.82	130	242982	50.629	ug/l	98
45) 1,2-Dichloropropane	9.11	63	268718	51.940	ug/l	100
46) Dibromomethane	9.20	93	173274	52.825	ug/l	98
47) Bromodichloromethane	9.39	83	355612	53.240	ug/l	99
48) Methyl methacrylate	9.19	41	277112	52.731	ug/l	100
49) 1,4-Dioxane	9.19	88	87769	1079.571	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1853989	284.749	ug/l	99
52) Toluene	10.15	92	615089	52.037	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	391614	51.118	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	411589	50.601	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	239176	49.438	ug/l	99
56) Ethyl methacrylate	10.43	69	381793	54.018	ug/l	100
57) 1,3-Dichloropropane	10.71	76	426239	51.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	929856	272.993	ug/l	99
59) 2-Hexanone	10.75	43	1387287	275.710	ug/l	99
60) Dibromochloromethane	10.90	129	265937	53.287	ug/l	98
61) 1,2-Dibromoethane	11.00	107	252522	52.101	ug/l	100
64) Tetrachloroethene	10.63	164	219935	50.471	ug/l	97
65) Chlorobenzene	11.43	112	642570	50.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	244437	52.276	ug/l	99
67) Ethyl Benzene	11.51	91	1199018	53.193	ug/l	100
68) m/p-Xylenes	11.62	106	890156	105.231	ug/l	99
69) o-Xylene	11.95	106	426394	52.099	ug/l	99
70) Styrene	11.97	104	710078	52.935	ug/l	100
71) Bromoform	12.13	173	185025	53.985	ug/l #	98
73) Isopropylbenzene	12.25	105	1174587	52.561	ug/l	99
74) N-amyl acetate	12.07	43	536347	53.438	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	375169	50.962	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	500081	73.877	ug/l #	100
77) Bromobenzene	12.53	156	273138	50.251	ug/l	100
78) n-propylbenzene	12.60	91	1386456	53.243	ug/l	100
79) 2-Chlorotoluene	12.68	91	814797	50.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1005016	52.678	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124034	49.083	ug/l	98
82) 4-Chlorotoluene	12.78	91	837836	50.517	ug/l	99
83) tert-Butylbenzene	13.00	119	844830	51.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1014828	53.582	ug/l	100
85) sec-Butylbenzene	13.18	105	1160467	53.885	ug/l	99
86) p-Isopropyltoluene	13.29	119	1045890	53.435	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	507849	50.662	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	504334	49.484	ug/l	100
89) n-Butylbenzene	13.62	91	947205	52.336	ug/l	99
90) Hexachloroethane	13.88	117	185876	53.073	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	496987	50.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	86084	50.053	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058722.D
Acq On : 11 Oct 2019 23:20
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 12 01:12:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

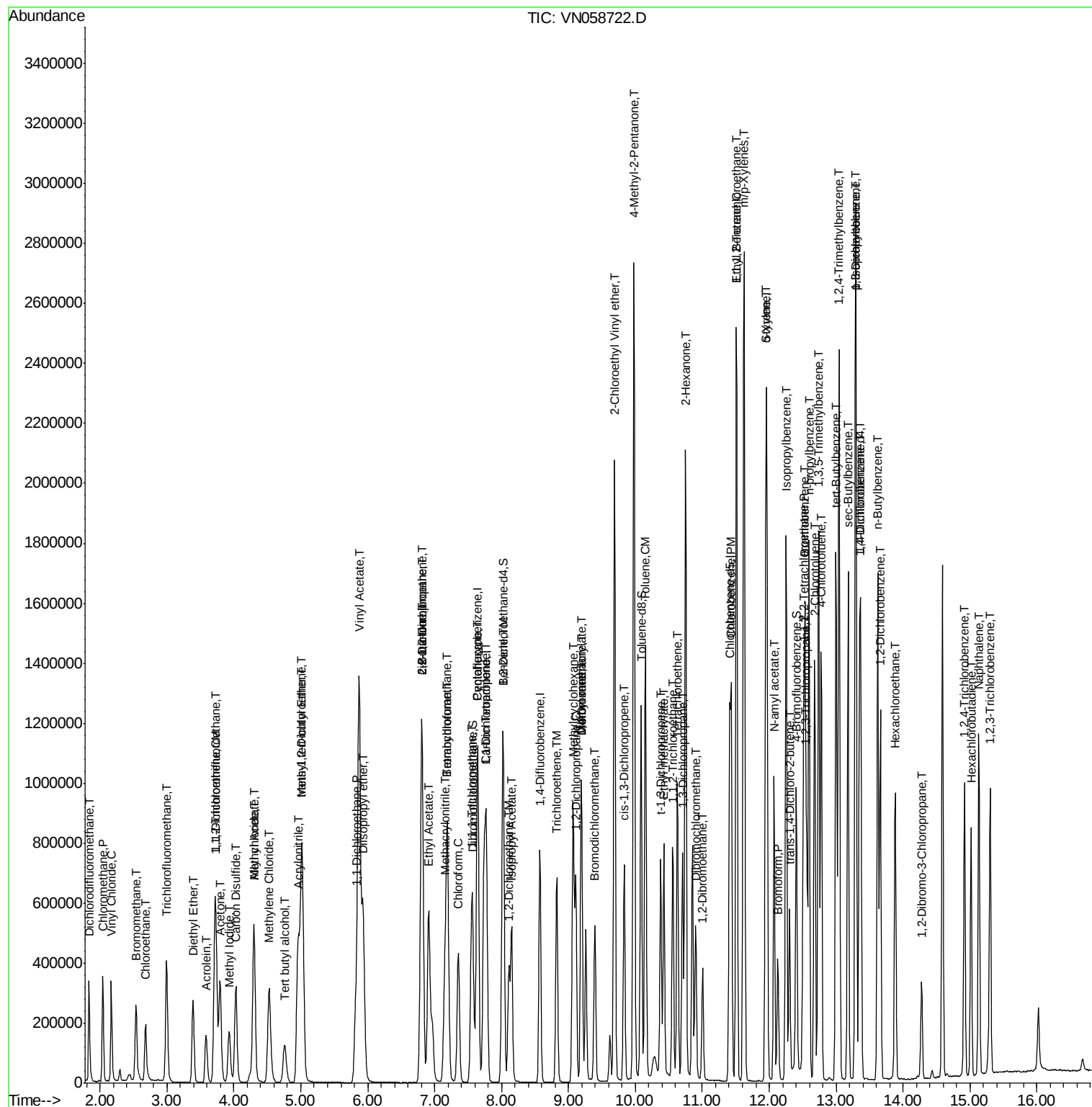
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	299215	50.205	ug/l	99
94) Hexachlorobutadiene	15.02	225	150215	47.862	ug/l	98
95) Naphthalene	15.13	128	879787	51.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	287664	49.438	ug/l	100

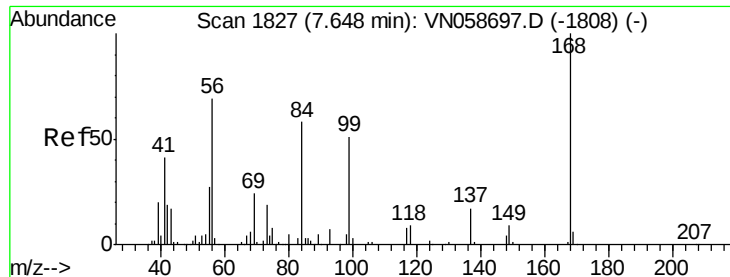
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058722.D
 Acq On : 11 Oct 2019 23:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :

Quant Time: Oct 12 01:12:00 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

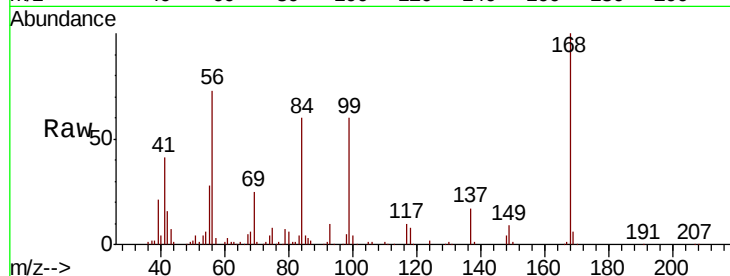
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 411676

Ion Ratio Lower Upper

168 100

99 60.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

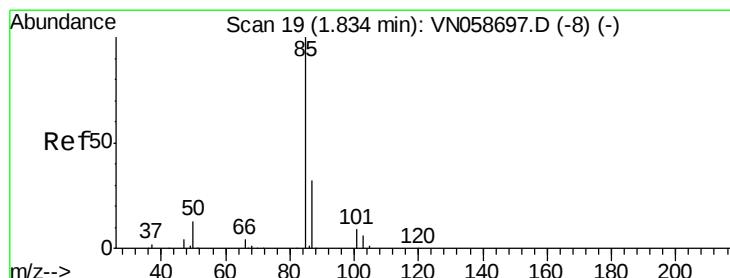
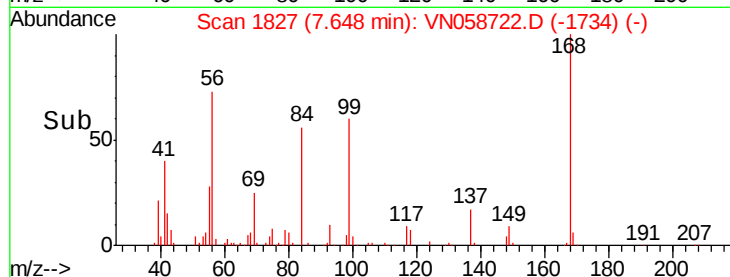
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 52.330 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058722.D

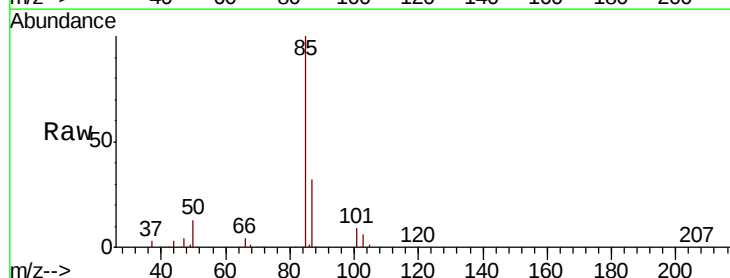
Acq: 11 Oct 2019 23:20

Tgt Ion: 85 Resp: 268306

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

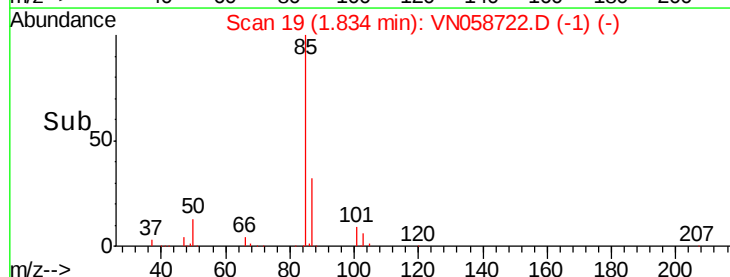
150000

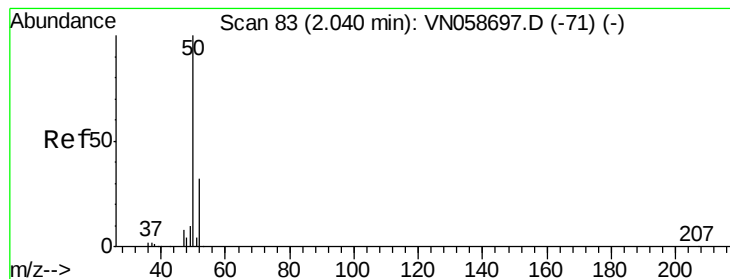
100000

50000

0

Time--> 1.80 1.90





#3

Chloromethane

Concen: 49.227 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

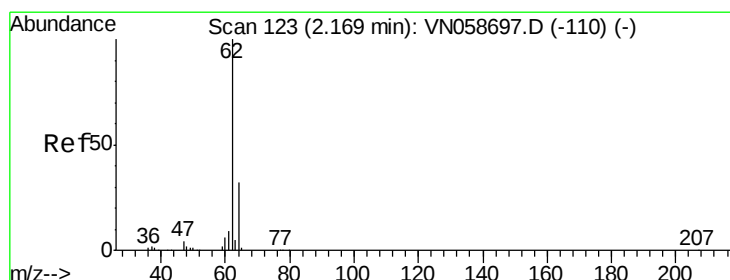
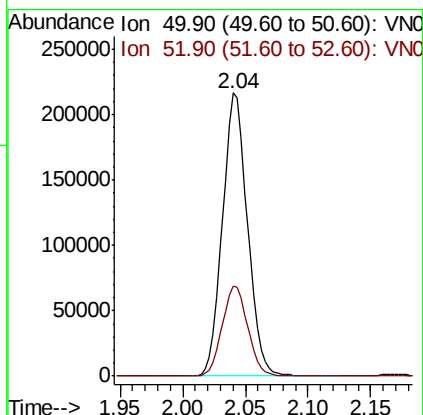
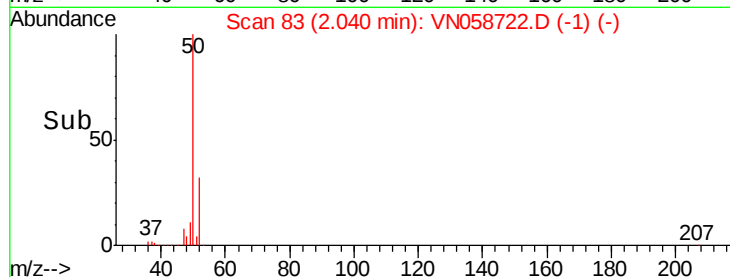
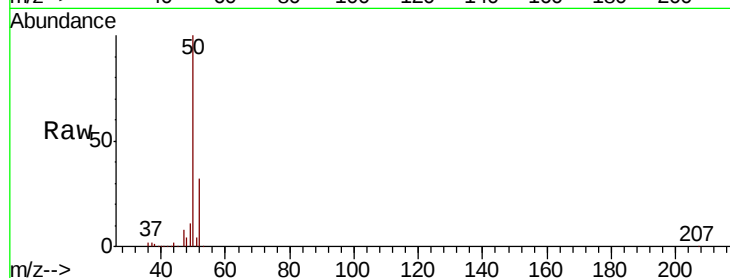
ClientSampleId :

Tot Ion: 50 Resp: 300129

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.6



#4

Vinyl Chloride

Concen: 50.188 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058722.D

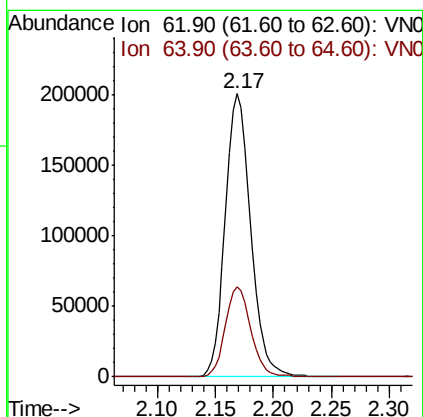
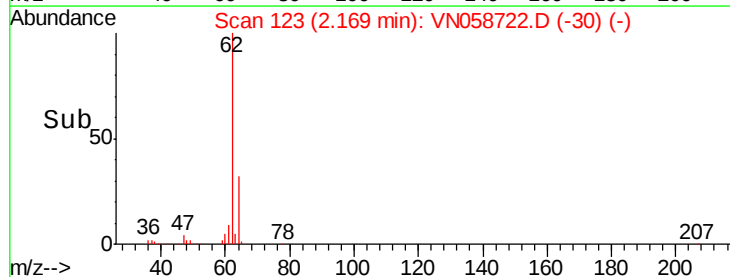
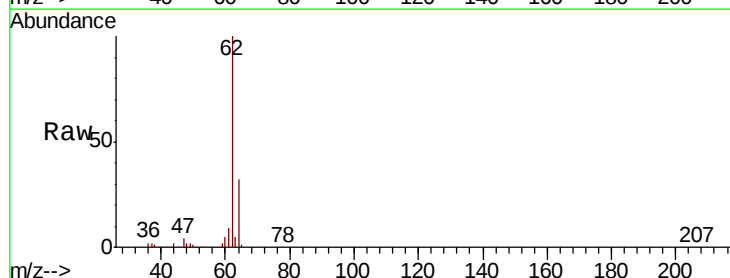
Acq: 11 Oct 2019 23:20

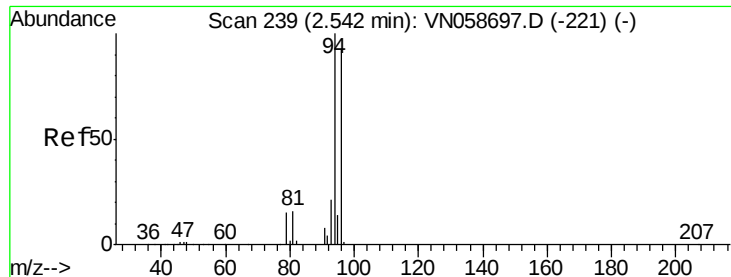
Tgt Ion: 62 Resp: 304761

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9

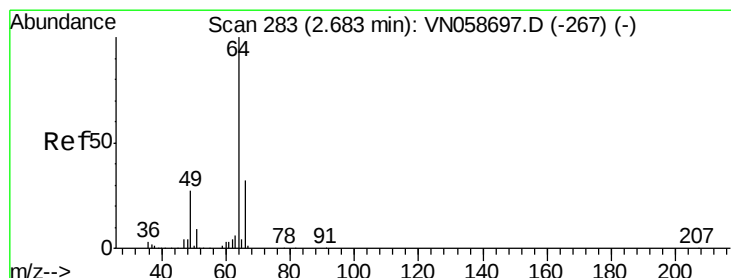
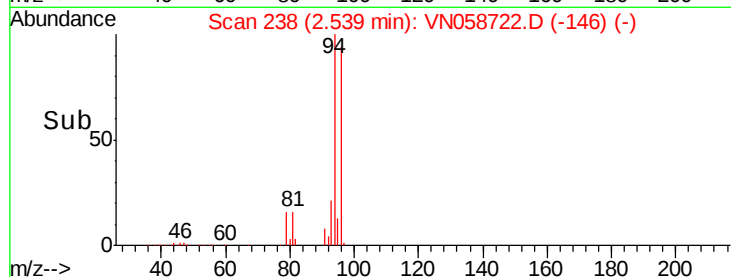
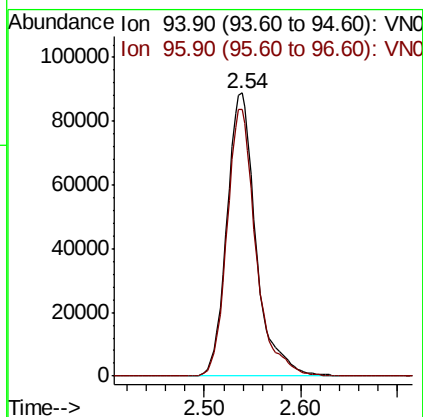
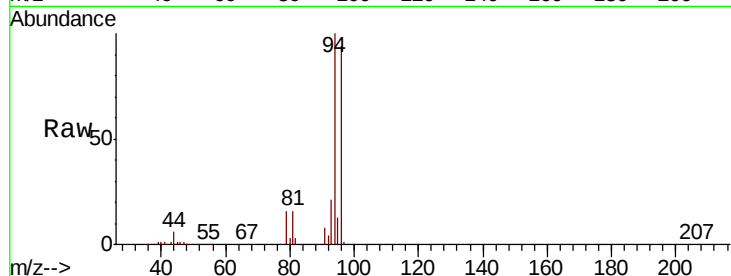




#5
Bromomethane
Concen: 50.174 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

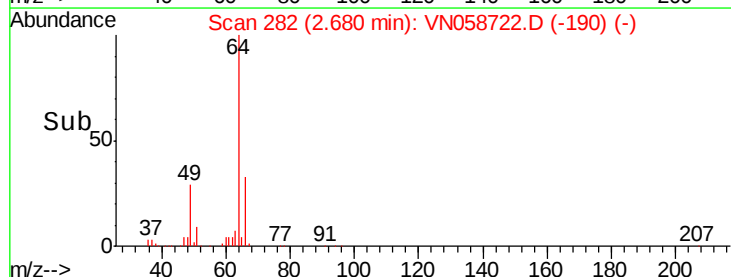
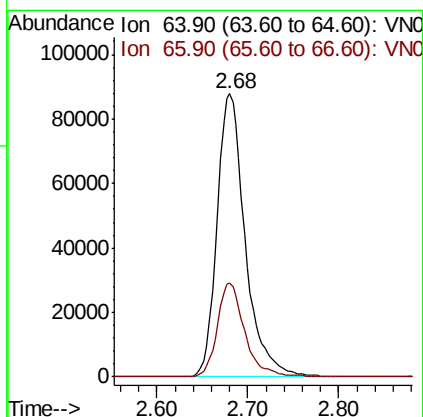
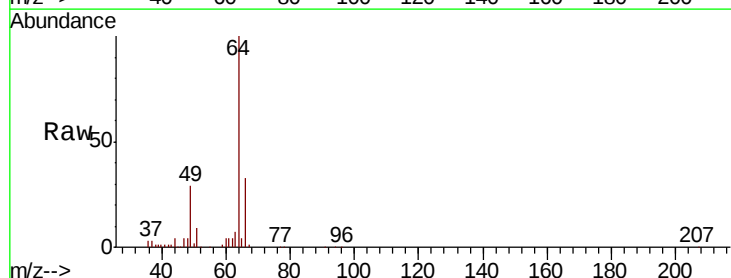
Instrument :
MSVOA_N
ClientSampleId :

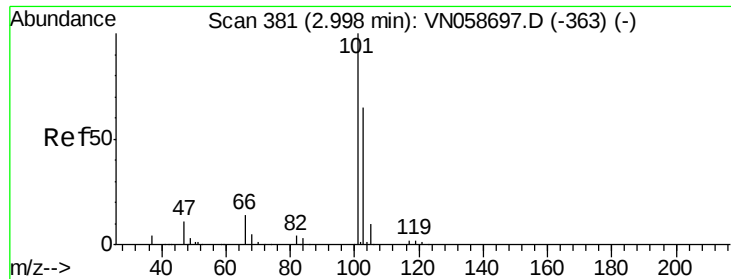
Tot Ion: 94 Resp: 185342
Ion Ratio Lower Upper
94 100
96 94.4 74.5 111.7



#6
Chloroethane
Concen: 50.388 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 64 Resp: 188728
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2



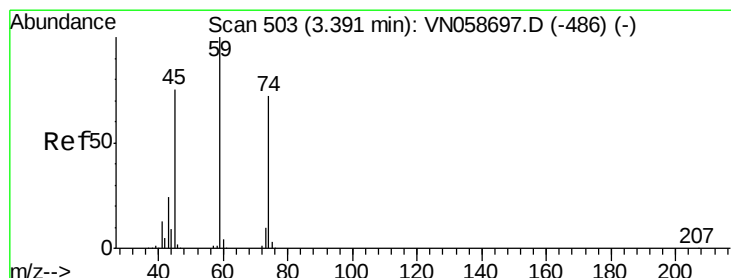
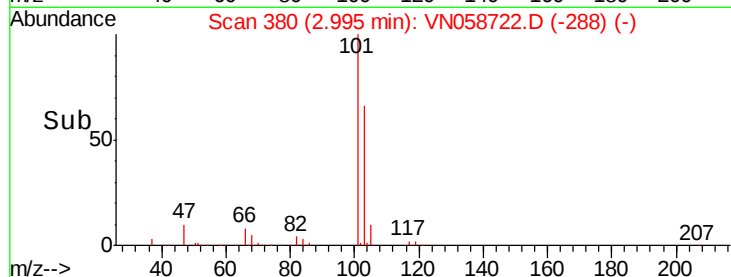
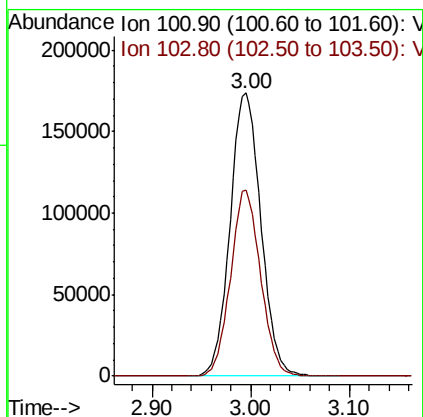
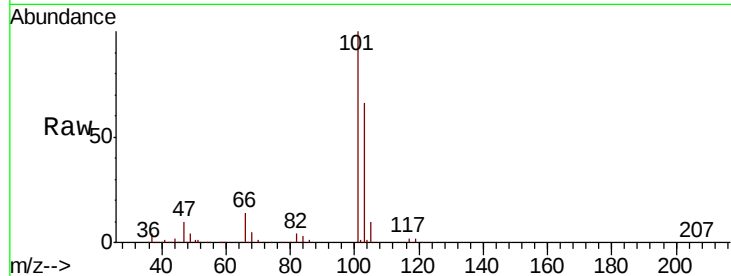


#7

Trichlorofluoromethane
Concen: 51.972 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Instrument :
MSVOA_N
ClientSampled :

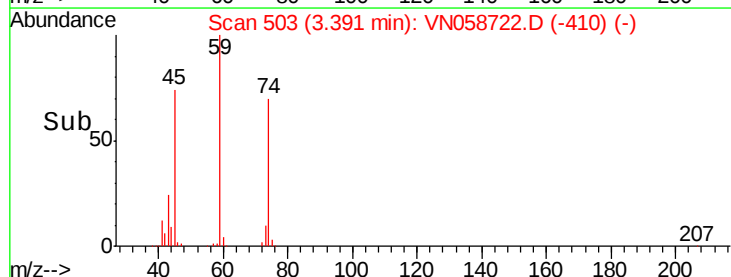
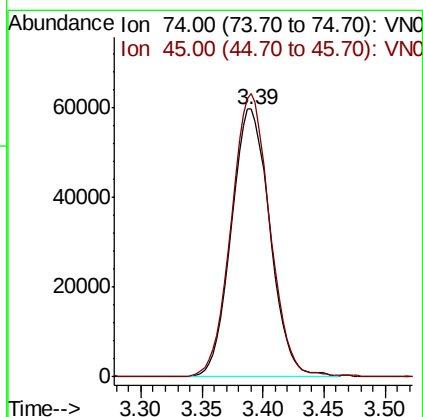
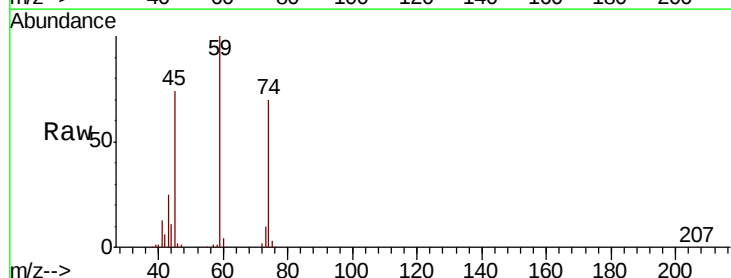
Tot Ion:101 Resp: 377693
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6

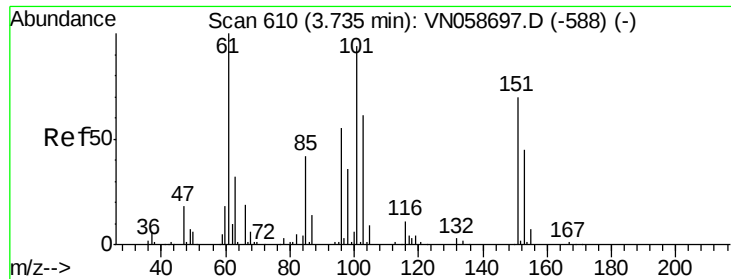


#8

Diethyl Ether
Concen: 48.914 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 74 Resp: 131340
Ion Ratio Lower Upper
74 100
45 105.5 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.840 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

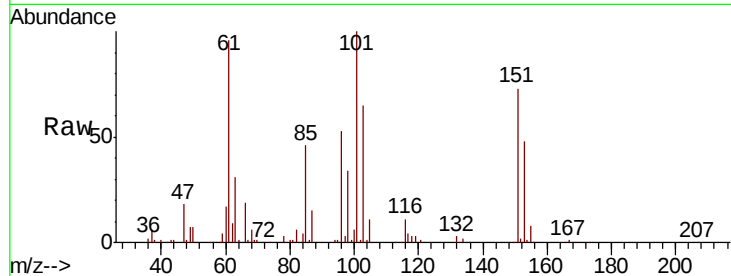
Tot Ion:101 Resp: 206523

Ion Ratio Lower Upper

101 100

85 46.1 37.0 55.6

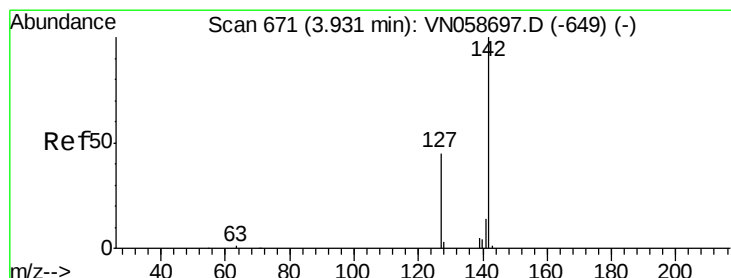
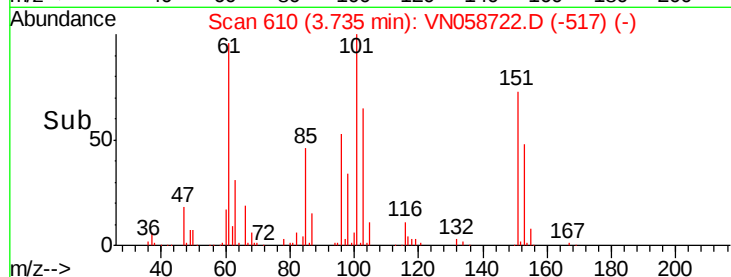
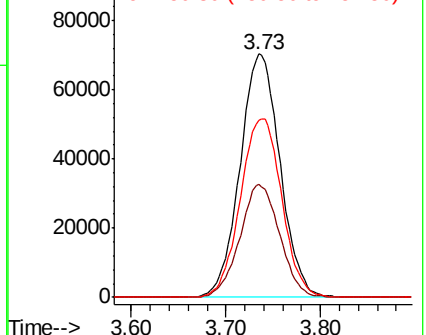
151 76.1 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.942 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

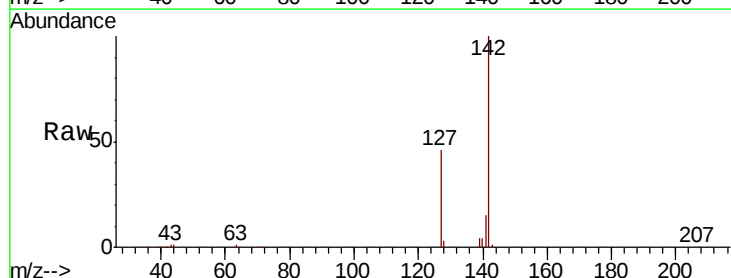
Tgt Ion:142 Resp: 282404

Ion Ratio Lower Upper

142 100

127 46.4 36.4 54.6

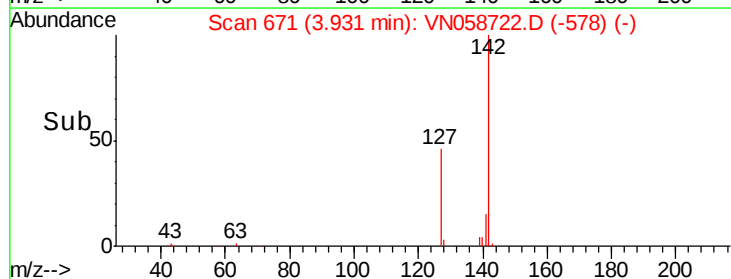
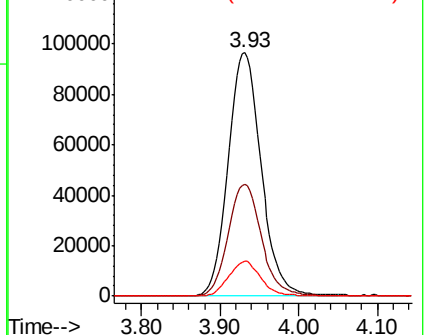
141 14.0 11.1 16.7

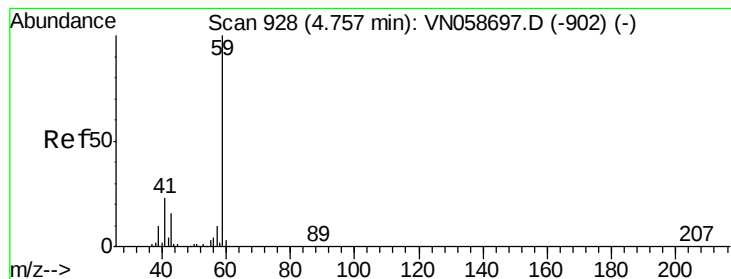


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



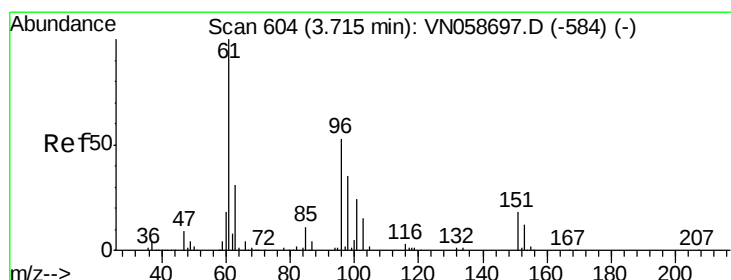
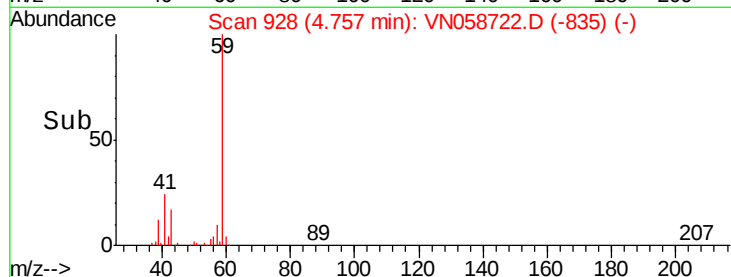
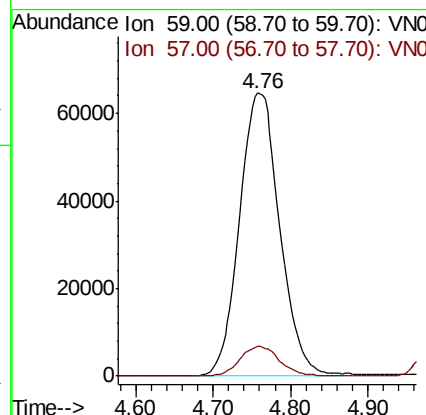
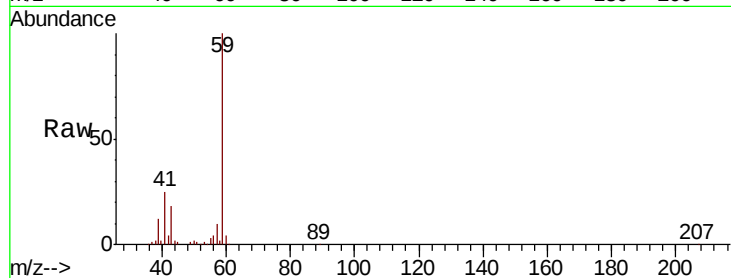


#11

Tert butyl alcohol
 Concen: 250.659 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Instrument :
 MSVOA_N
 ClientSampleId :

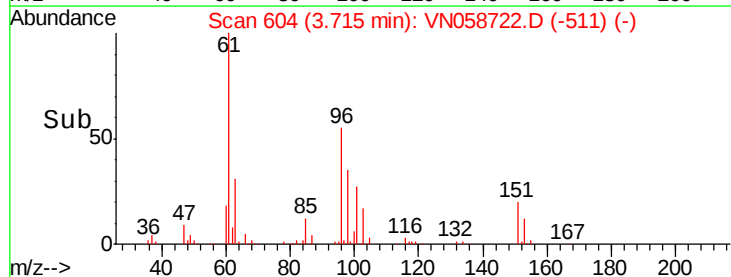
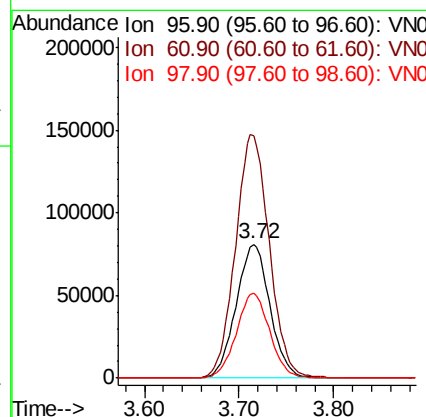
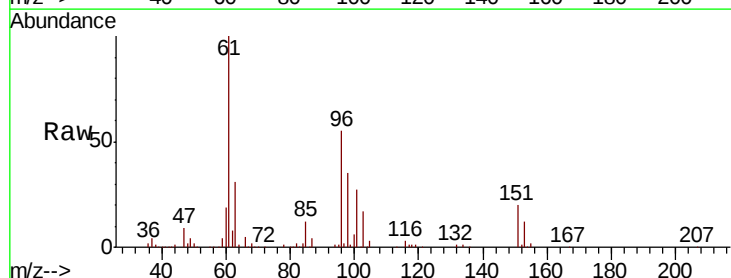
Tot Ion: 59 Resp: 233963
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

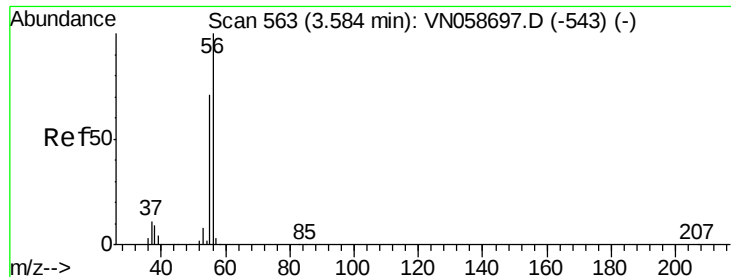


#12

1,1-Dichloroethene
 Concen: 50.870 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Tgt Ion: 96 Resp: 201116
 Ion Ratio Lower Upper
 96 100
 61 181.2 151.3 226.9
 98 63.1 52.6 78.8





#13

Acrolein

Concen: 233.008 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

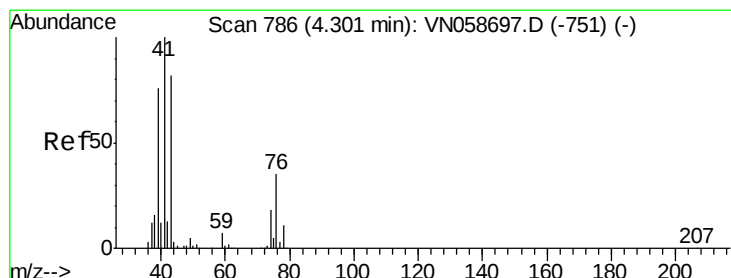
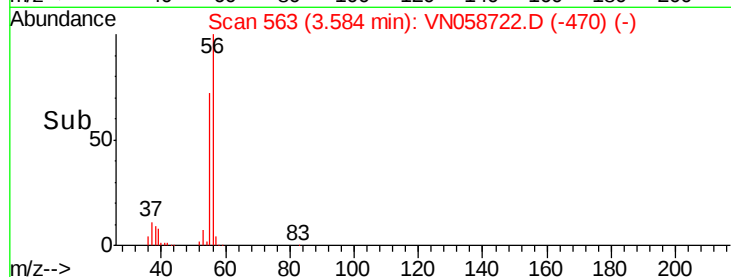
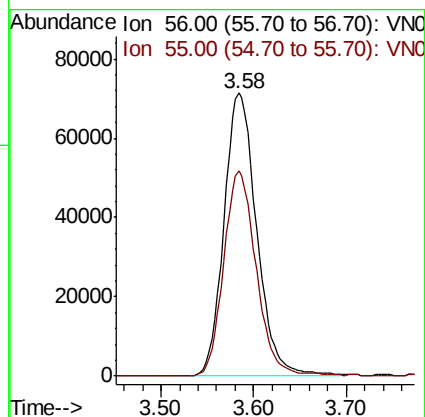
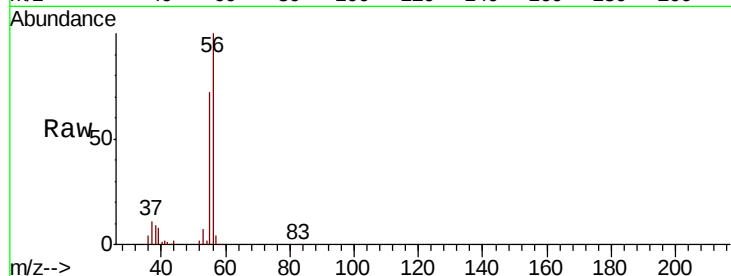
ClientSampled :

Tot Ion: 56 Resp: 174915

Ion Ratio Lower Upper

56 100

55 71.9 56.7 85.1



#14

Allyl chloride

Concen: 48.693 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

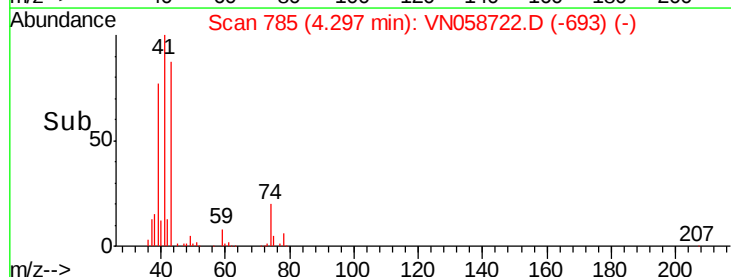
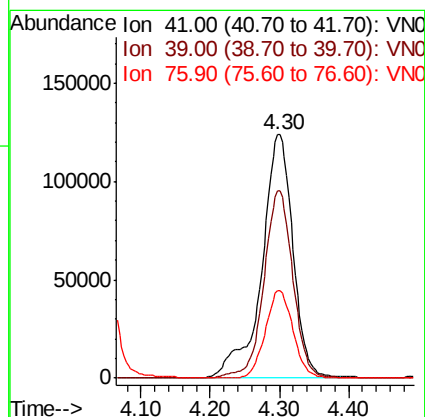
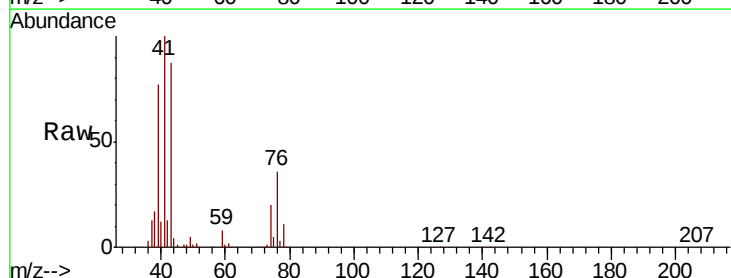
Tgt Ion: 41 Resp: 388497

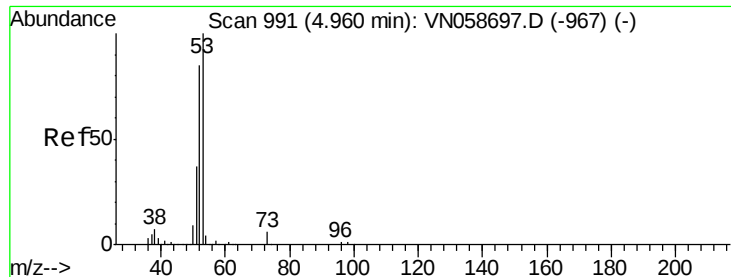
Ion Ratio Lower Upper

41 100

39 71.4 57.2 85.8

76 31.3 25.0 37.6





#15

Acrylonitrile

Concen: 261.714 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :
MSVOA_N
ClientSampleId :

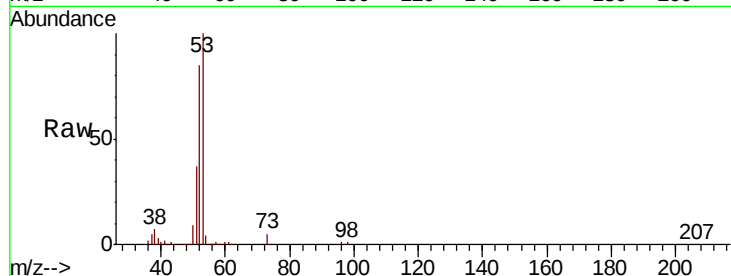
Tot Ion: 53 Resp: 616039

Ion Ratio Lower Upper

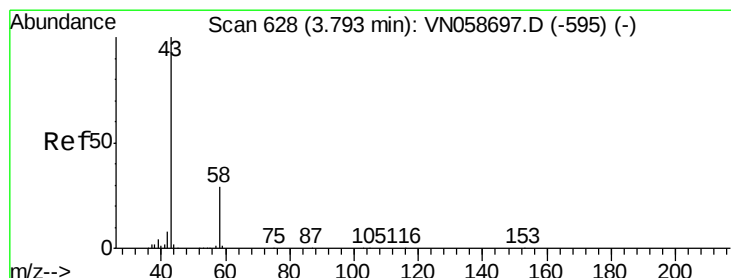
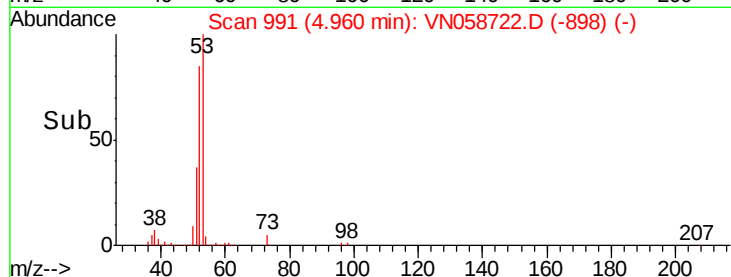
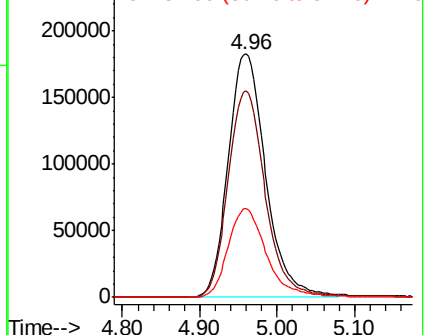
53 100

52 84.0 66.2 99.2

51 37.1 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 236.023 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058722.D

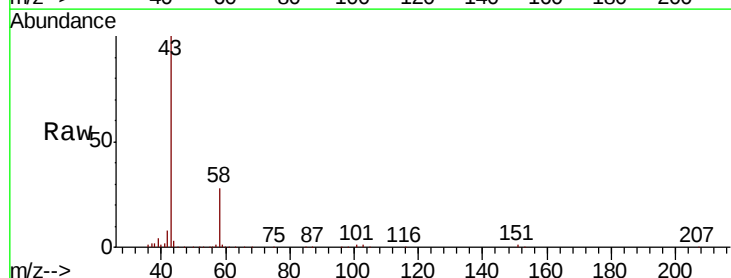
Acq: 11 Oct 2019 23:20

Tgt Ion: 43 Resp: 563154

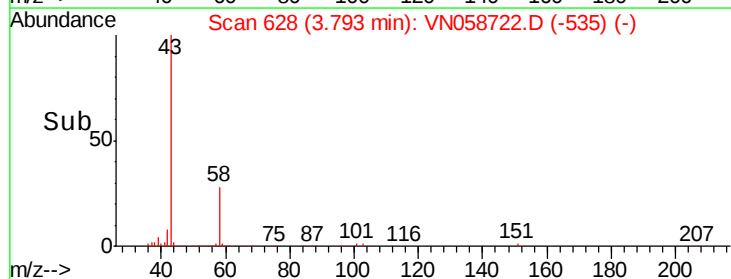
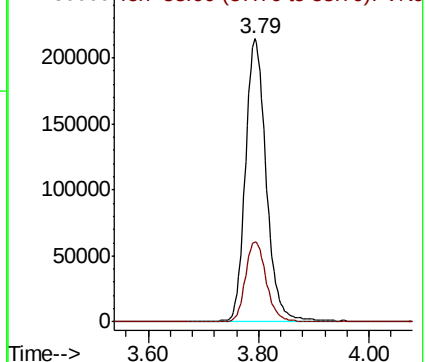
Ion Ratio Lower Upper

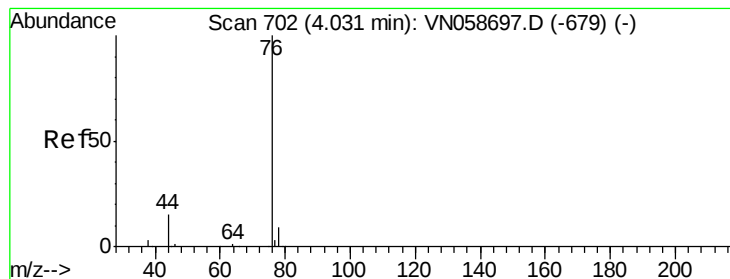
43 100

58 28.4 23.3 34.9



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





#17

Carbon Disulfide

Concen: 48.955 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

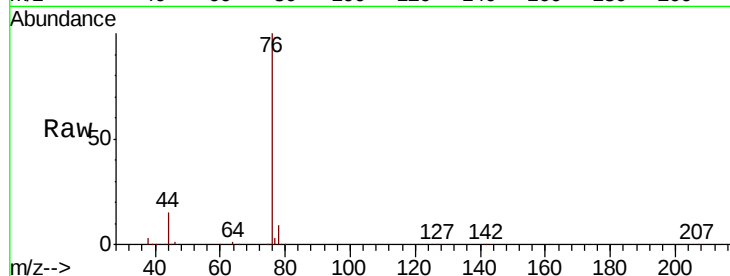
ClientSampleId :

Tot Ion: 76 Resp: 618688

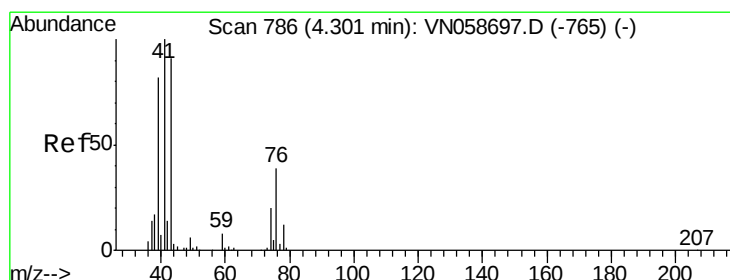
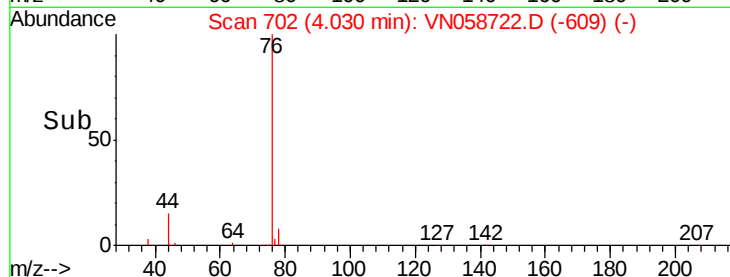
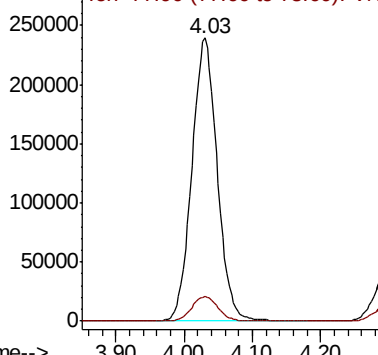
Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 51.217 ug/l

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN058722.D

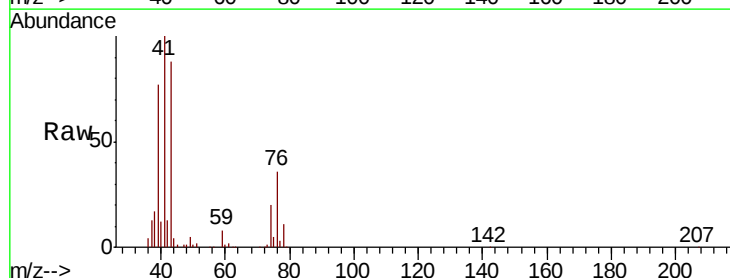
Acq: 11 Oct 2019 23:20

Tgt Ion: 43 Resp: 309980

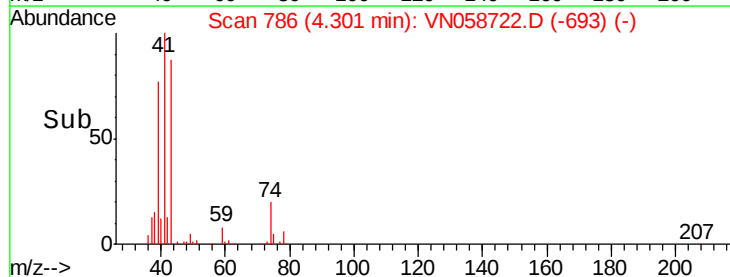
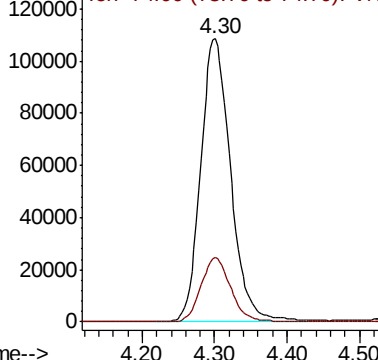
Ion Ratio Lower Upper

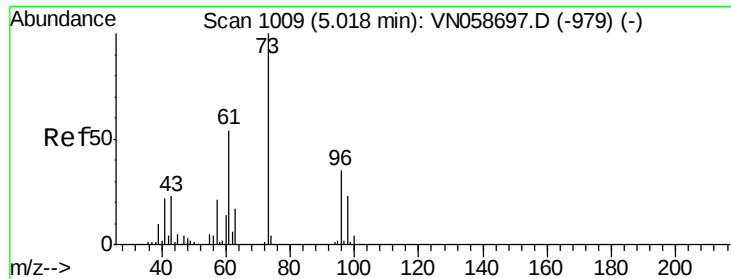
43 100

74 22.7 17.2 25.8



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

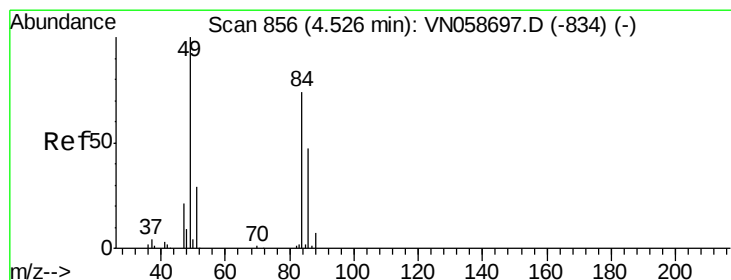
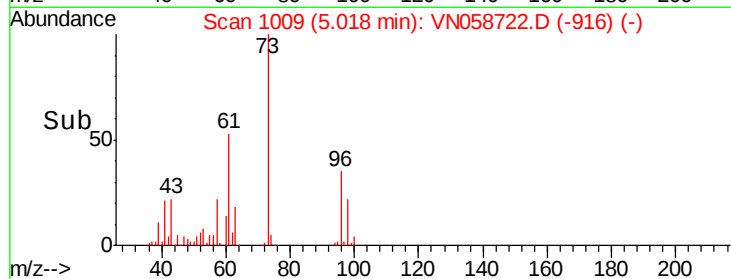
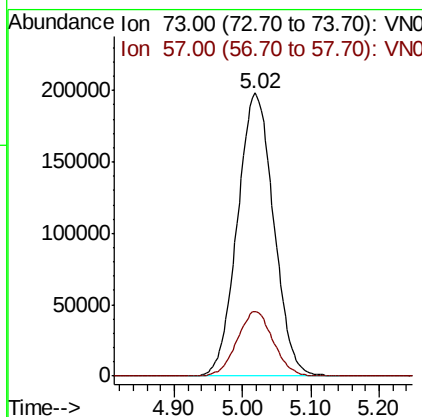
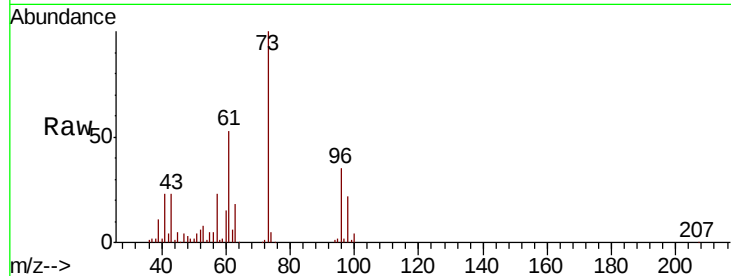




#19
Methvl tert-butvl Ether
Concen: 51.799 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

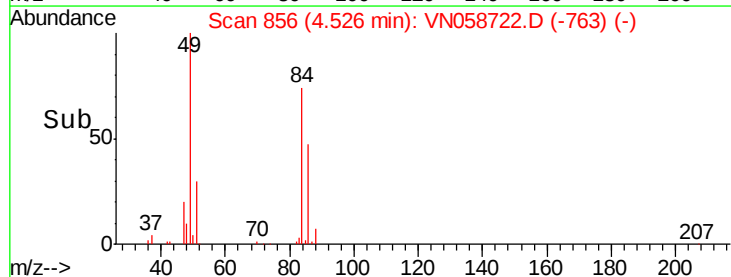
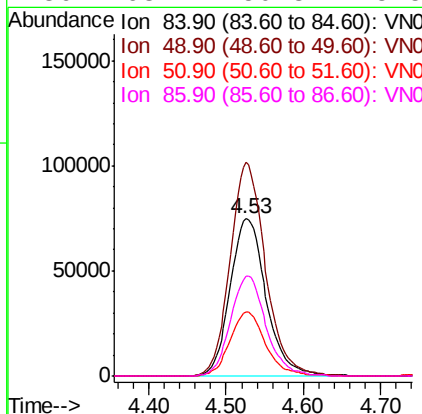
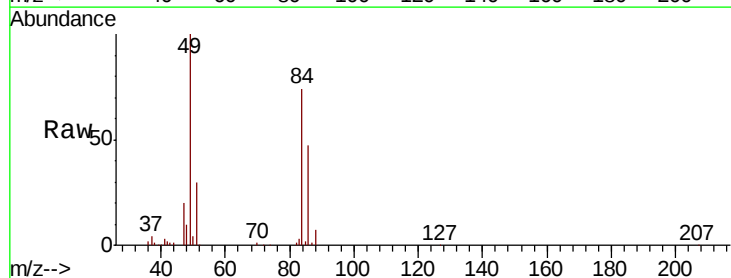
Instrument :
MSVOA_N
ClientSampleId :

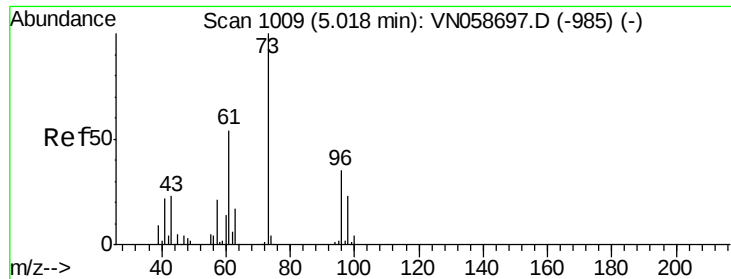
Tot Ion: 73 Resp: 731272
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.6



#20
Methylene Chloride
Concen: 48.423 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 84 Resp: 241470
Ion Ratio Lower Upper
84 100
49 135.8 107.6 161.4
51 40.6 31.4 47.0
86 63.2 50.3 75.5



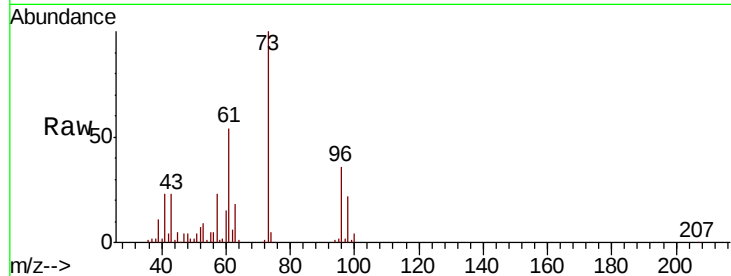


#21

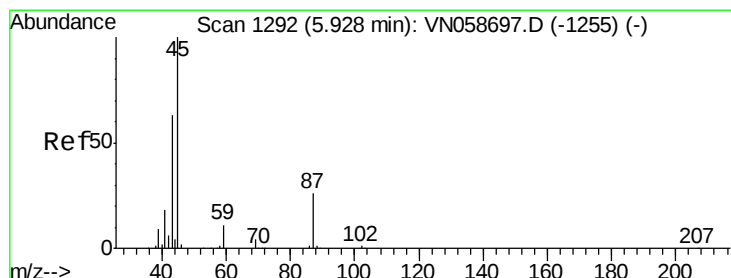
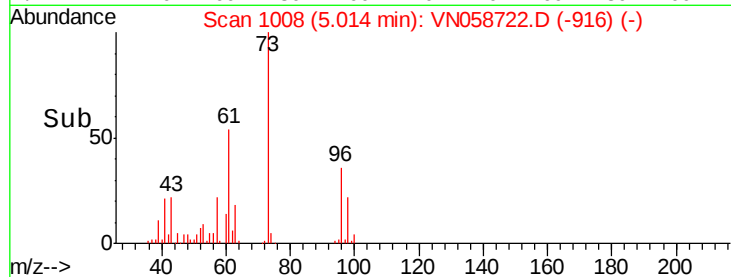
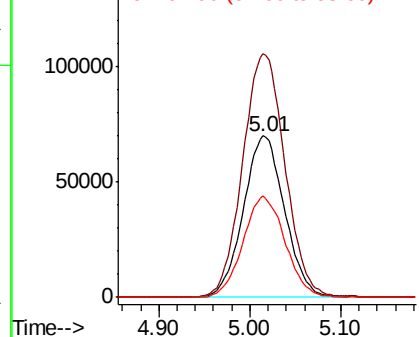
trans-1,2-Dichloroethene
Concen: 49.853 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 220469
Ion Ratio Lower Upper
96 100
61 151.0 123.6 185.4
98 62.7 52.1 78.1



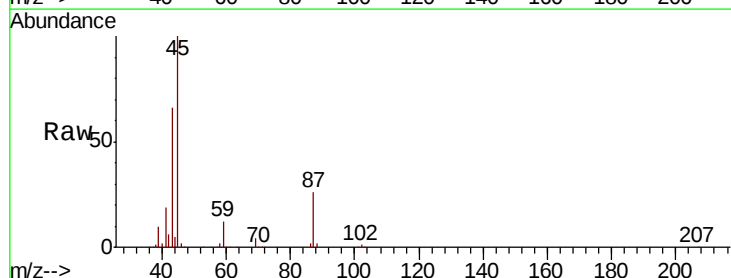
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



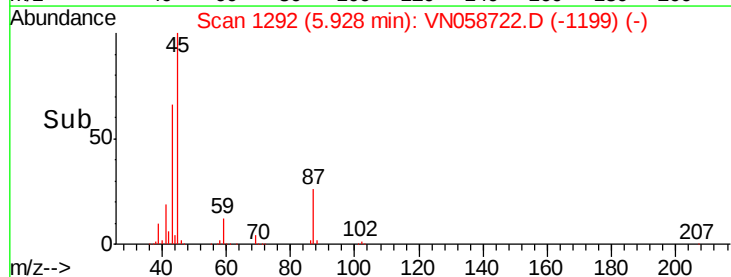
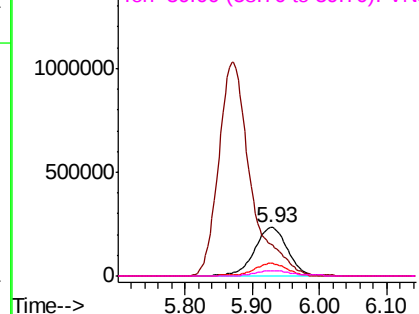
#22

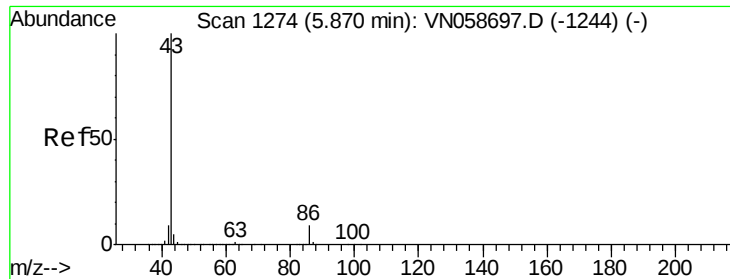
Diisopropyl ether
Concen: 51.549 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 45 Resp: 799676
Ion Ratio Lower Upper
45 100
43 64.5 50.6 75.8
87 26.3 21.1 31.7
59 11.4 9.0 13.4



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





#23

Vinyl Acetate

Concen: 273.783 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

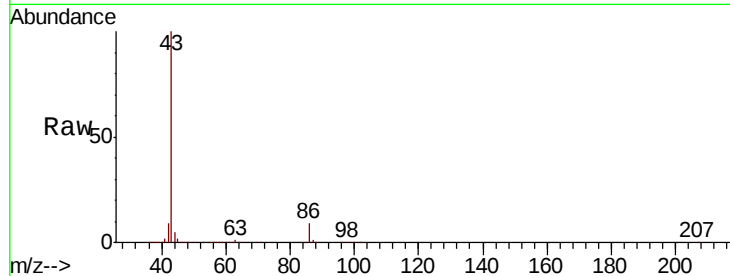
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3427067

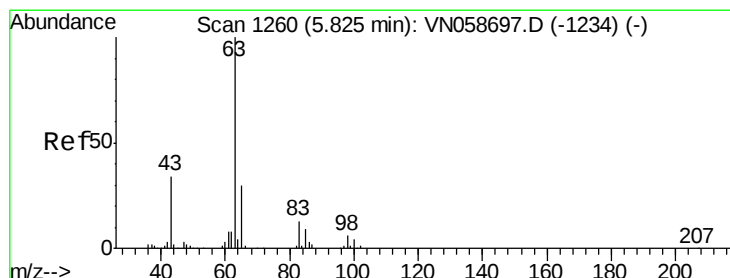
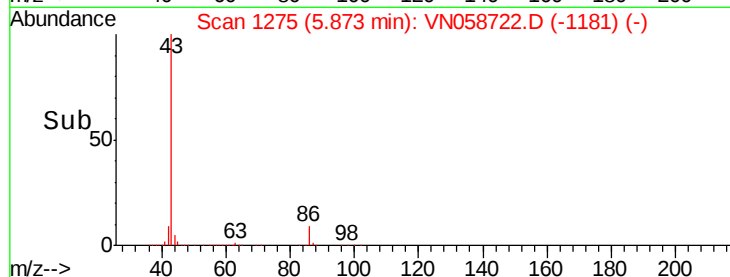
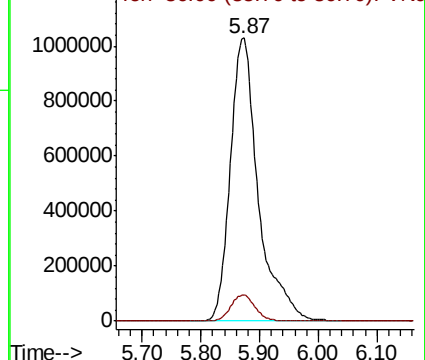
Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.249 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

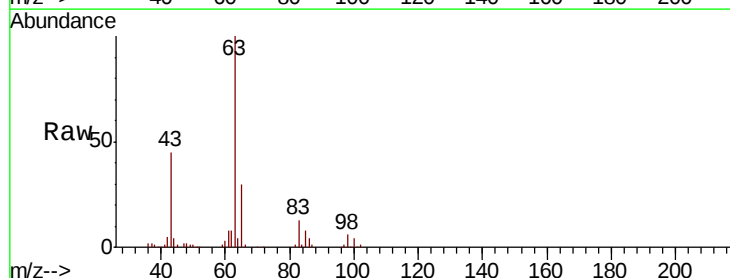
Tgt Ion: 63 Resp: 452793

Ion Ratio Lower Upper

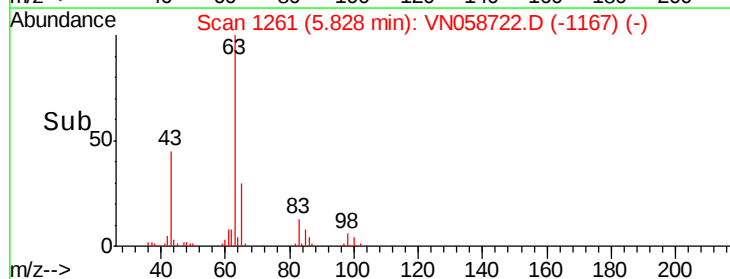
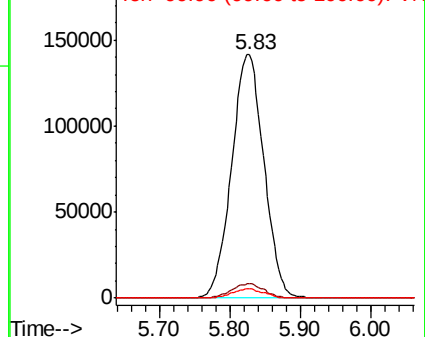
63 100

98 6.0 2.9 8.6

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0

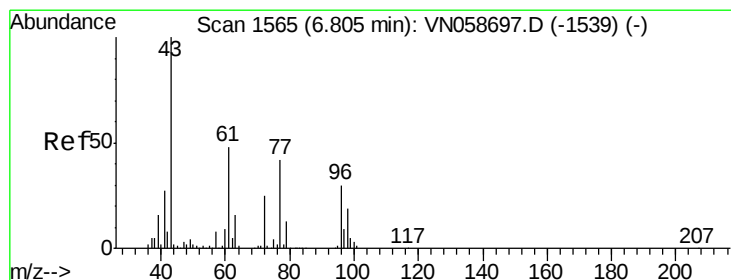
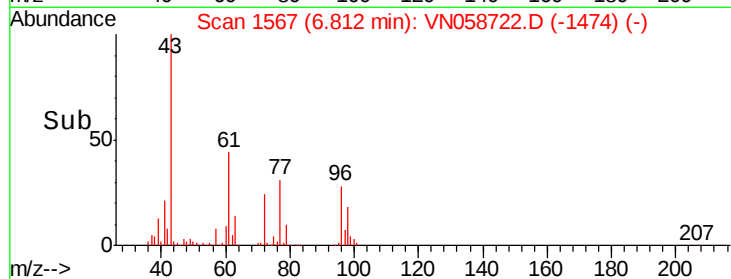
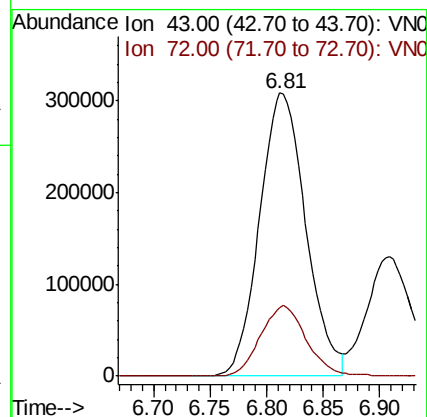
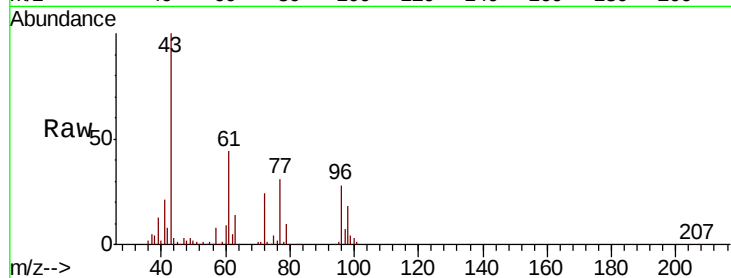




#25
2-Butanone
Concen: 252.876 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

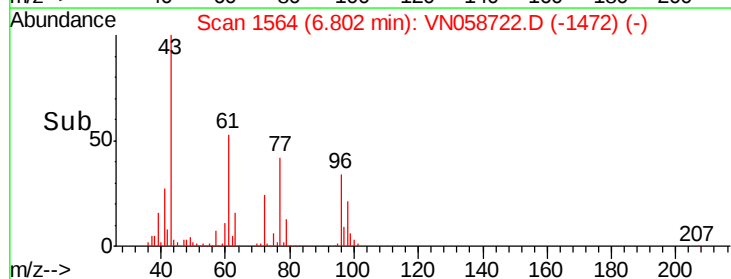
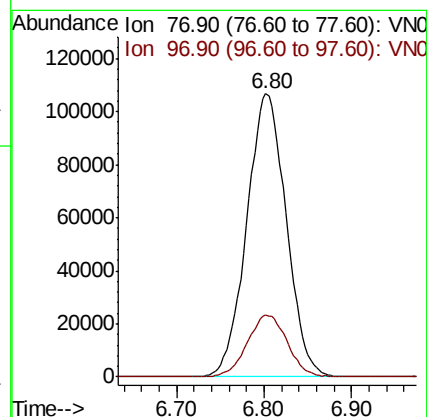
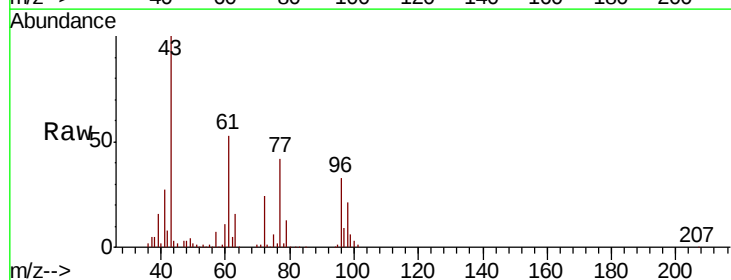
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 872100
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.2



#26
2,2-Dichloropropane
Concen: 41.474 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 77 Resp: 334492
Ion Ratio Lower Upper
77 100
97 22.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 49.541 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :
MSVOA_N
ClientSampled :

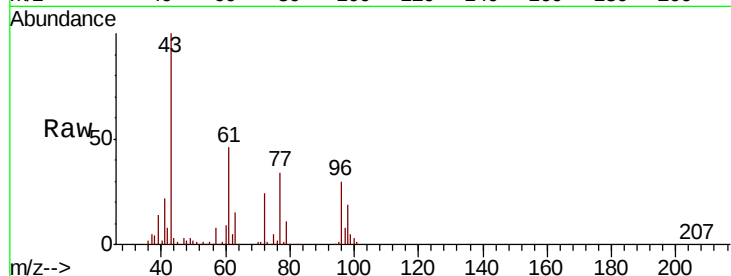
Tot Ion: 96 Resp: 255483

Ion Ratio Lower Upper

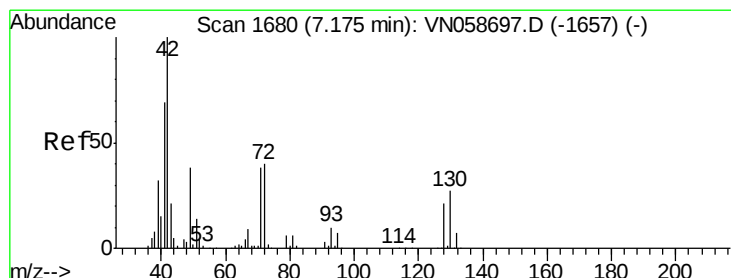
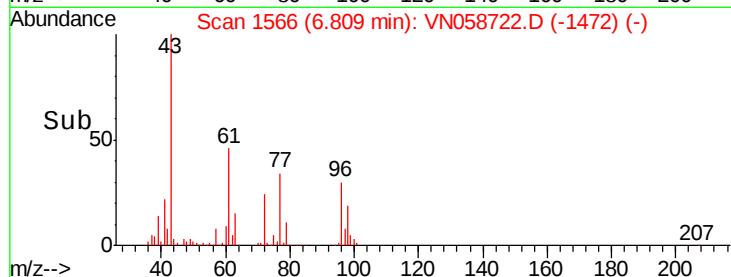
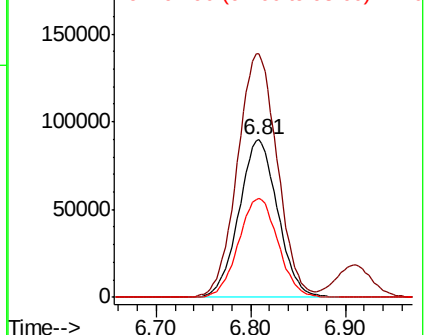
96 100

61 159.0 0.0 324.8

98 64.0 0.0 129.2



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



#28

Bromochloromethane

Concen: 51.203 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

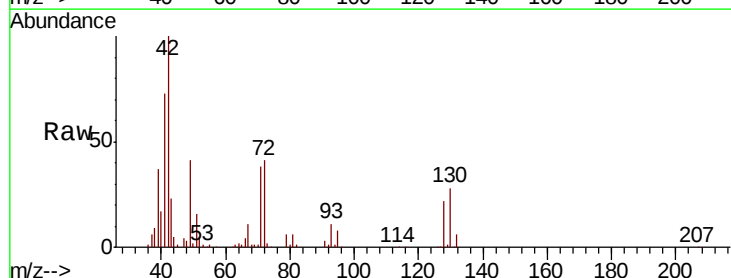
Tgt Ion: 49 Resp: 157383

Ion Ratio Lower Upper

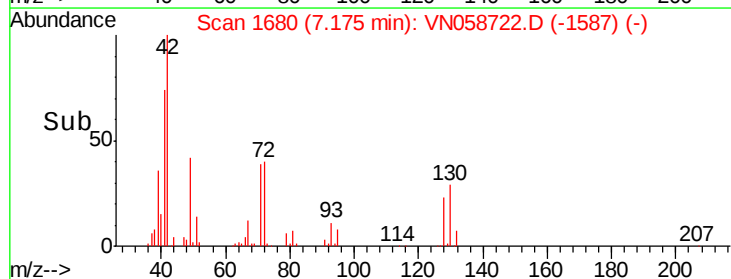
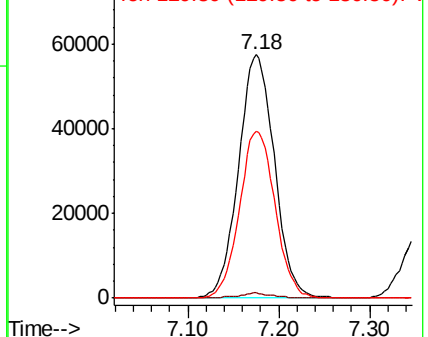
49 100

129 1.6 0.0 3.6

130 67.9 55.0 82.4



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





#29

Tetrahydrofuran

Concen: 262.963 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :
MSVOA_N
ClientSampled :

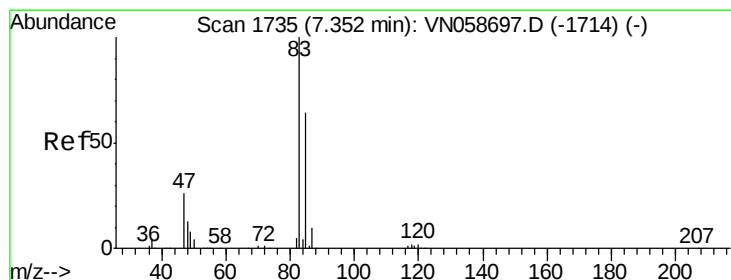
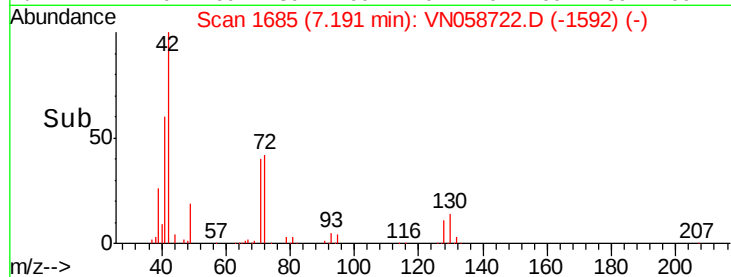
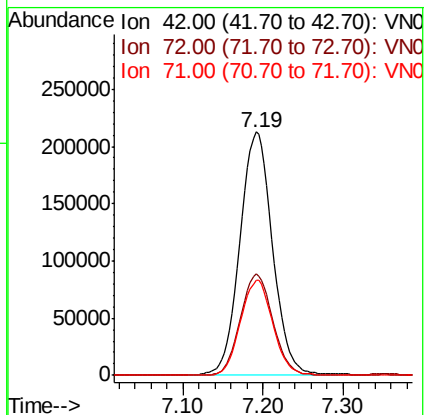
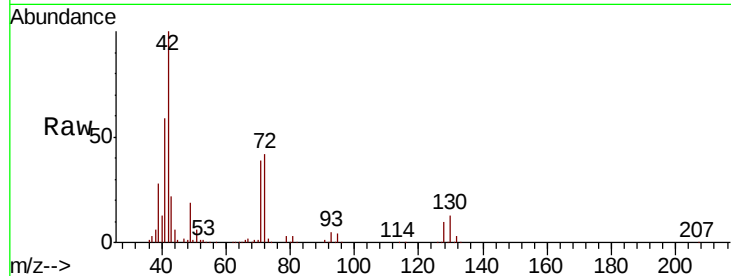
Tot Ion: 42 Resp: 586061

Ion Ratio Lower Upper

42 100

72 41.3 32.8 49.2

71 38.9 31.1 46.7



#30

Chloroform

Concen: 49.966 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058722.D

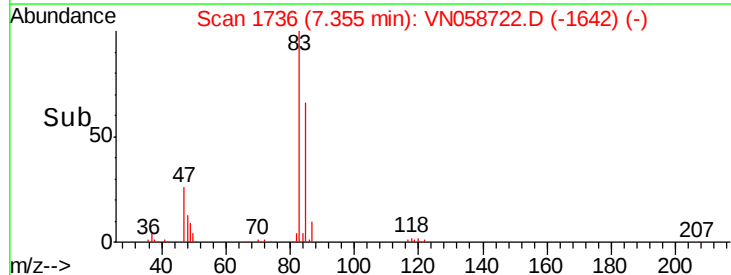
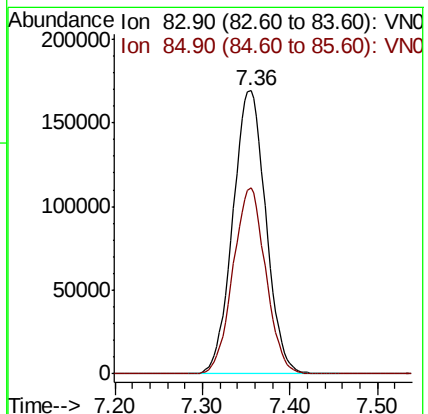
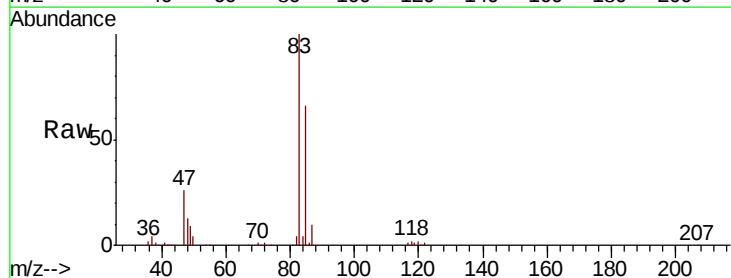
Acq: 11 Oct 2019 23:20

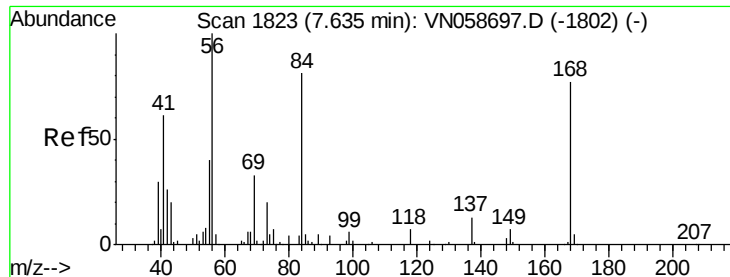
Tgt Ion: 83 Resp: 443528

Ion Ratio Lower Upper

83 100

85 65.7 51.0 76.6

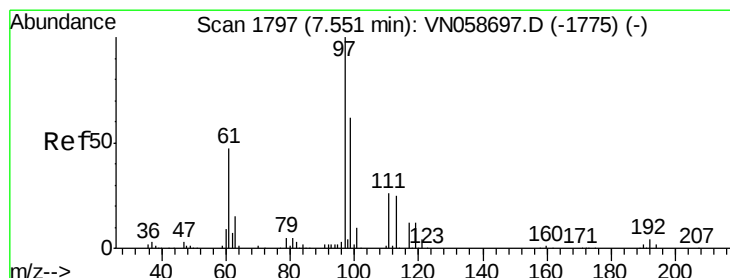
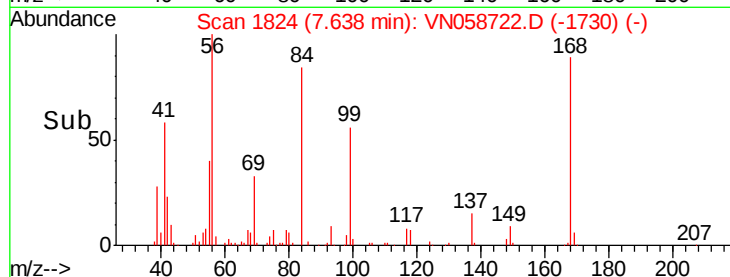
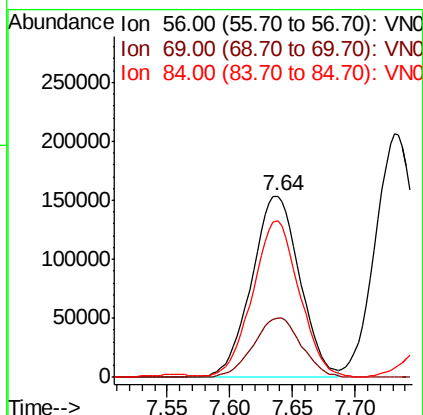
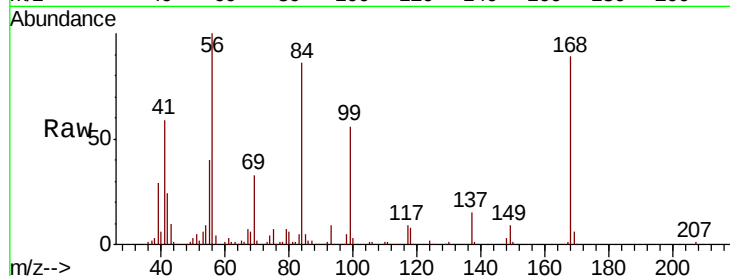




#31
Cyclohexane
Concen: 48.478 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

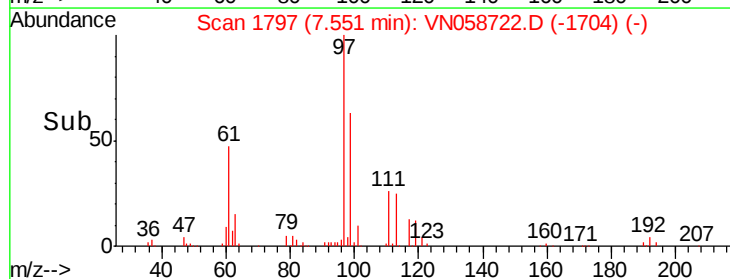
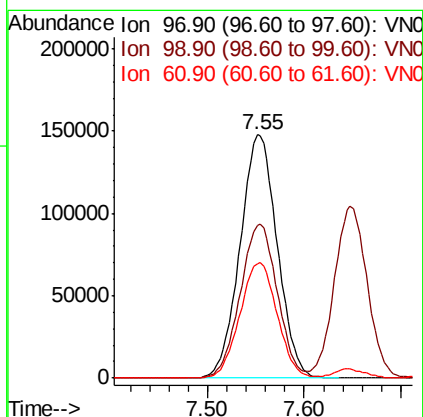
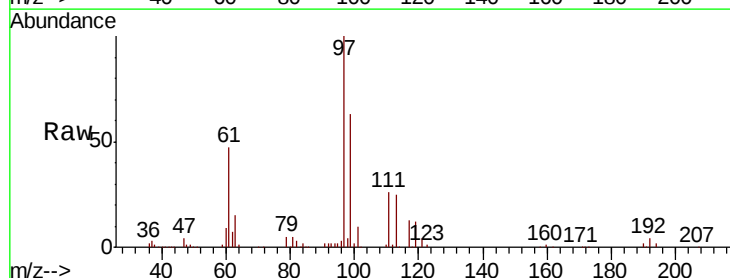
Instrument :
MSVOA_N
ClientSampled :

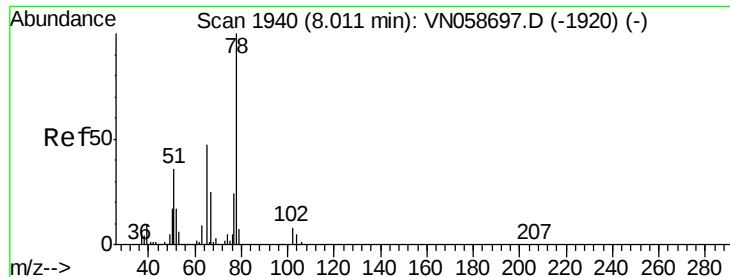
Tot Ion: 56 Resp: 409813
Ion Ratio Lower Upper
56 100
69 33.0 26.2 39.4
84 85.3 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 52.163 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 97 Resp: 394887
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 47.8 38.1 57.1

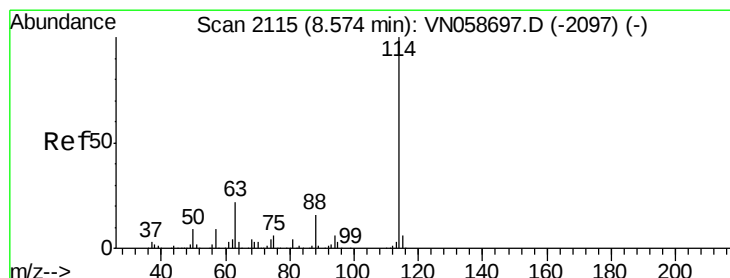
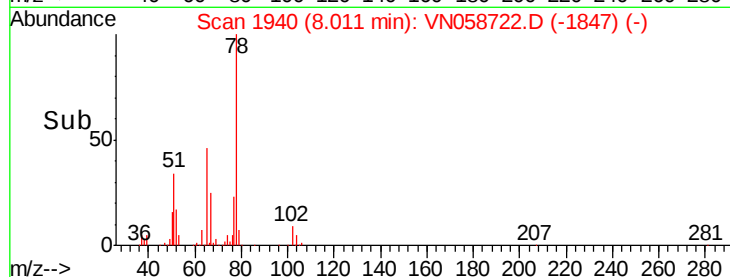
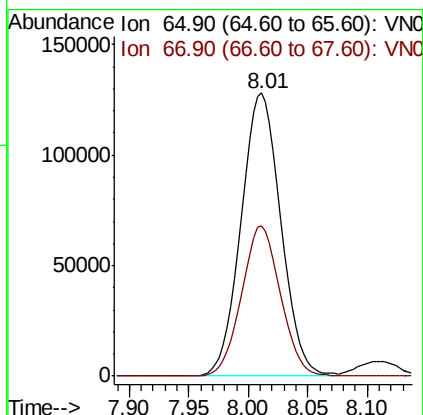
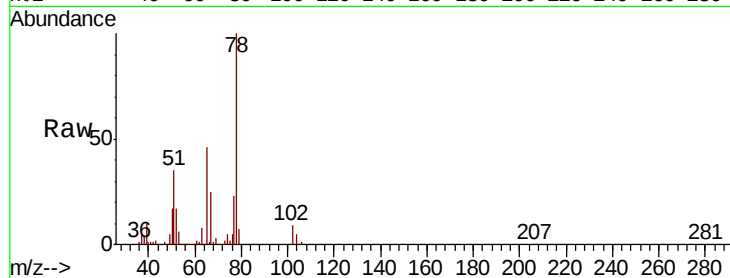




#33
 1,2-Dichloroethane-d4
 Concen: 51.468 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

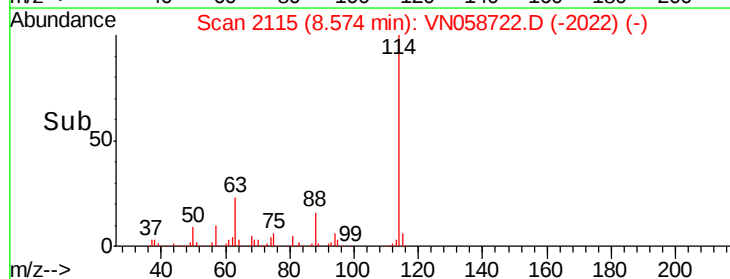
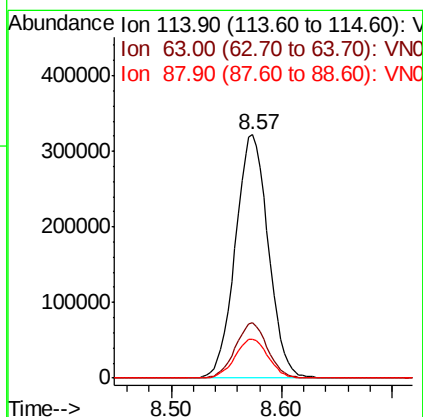
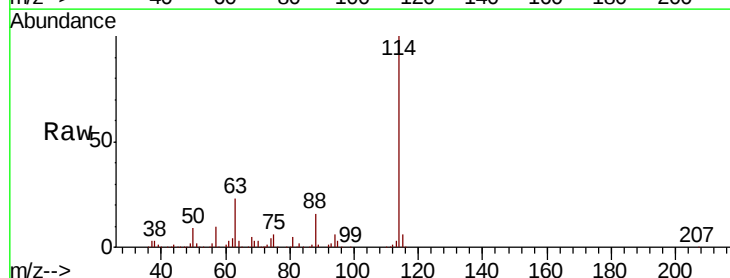
Instrument :
 MSVOA_N
 ClientSampled :

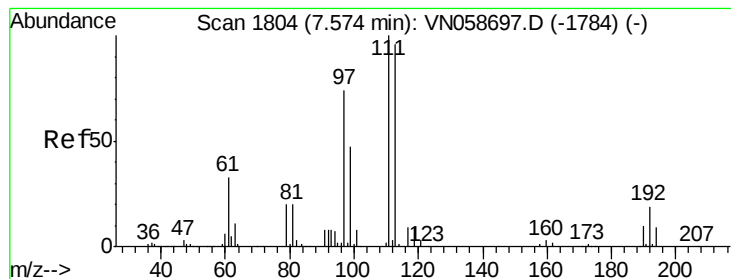
Tot Ion: 65 Resp: 296628
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Tgt Ion: 114 Resp: 665548
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.211 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :
MSVOA_N
ClientSampled :

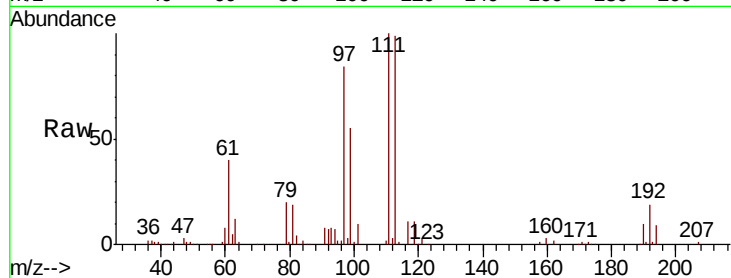
Tot Ion:113 Resp: 214638

Ion Ratio Lower Upper

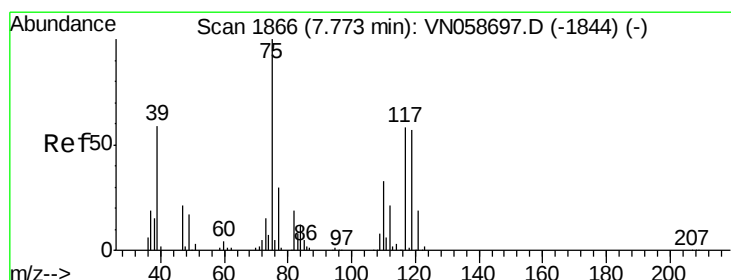
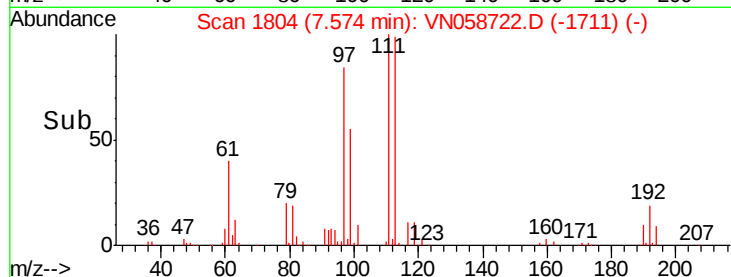
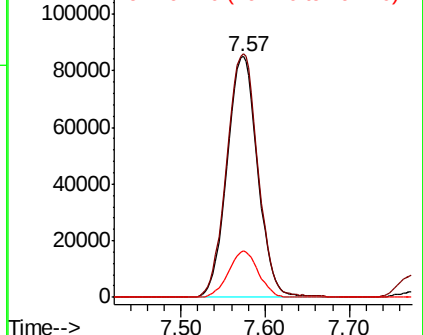
113 100

111 103.3 82.3 123.5

192 18.9 15.0 22.6



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



#36

1,1-Dichloropropene

Concen: 50.077 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

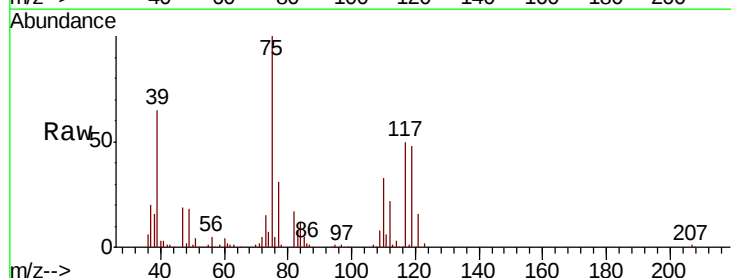
Tgt Ion: 75 Resp: 336975

Ion Ratio Lower Upper

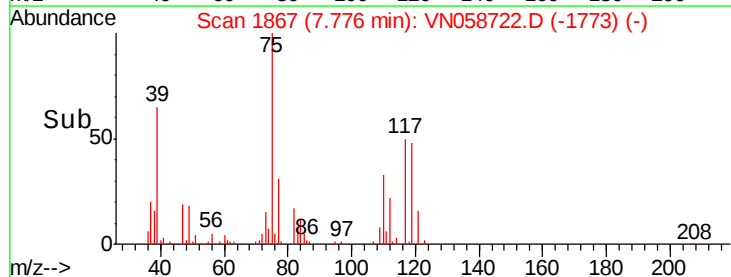
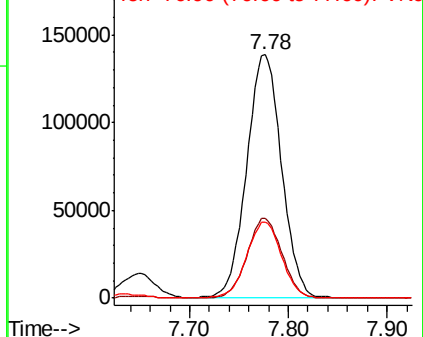
75 100

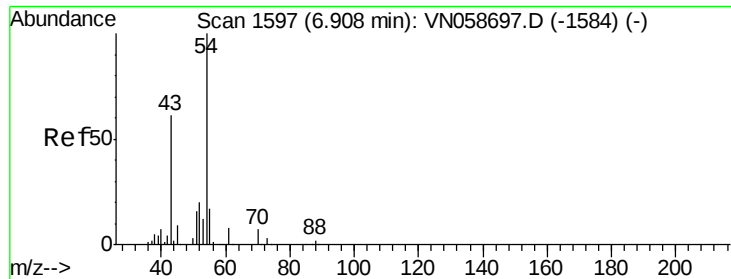
110 32.8 16.6 49.8

77 31.7 24.6 37.0



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

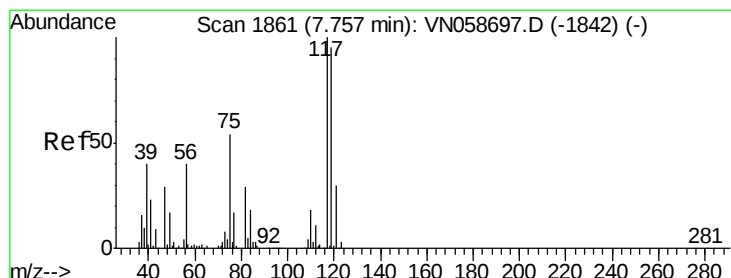
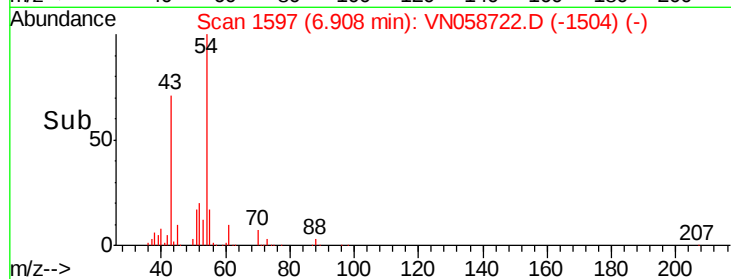
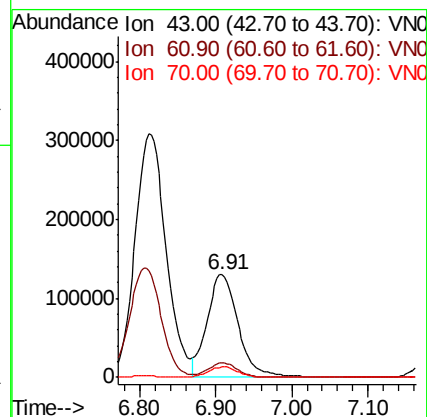
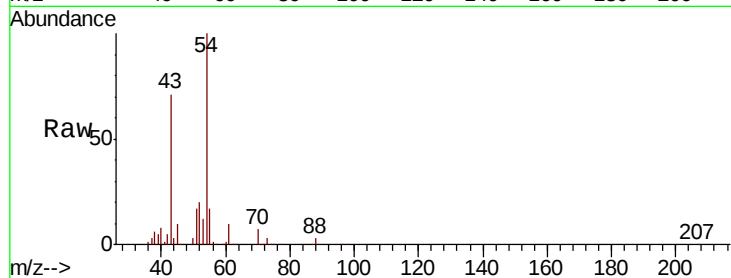




#37
Ethyl Acetate
Concen: 53.855 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

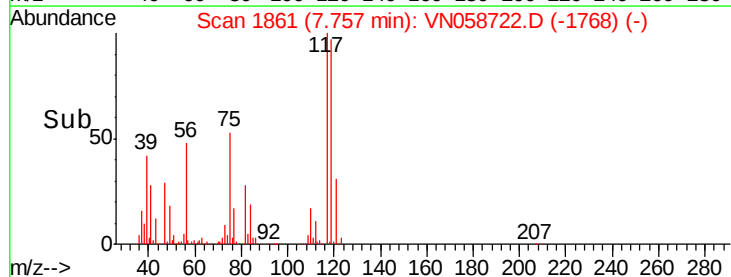
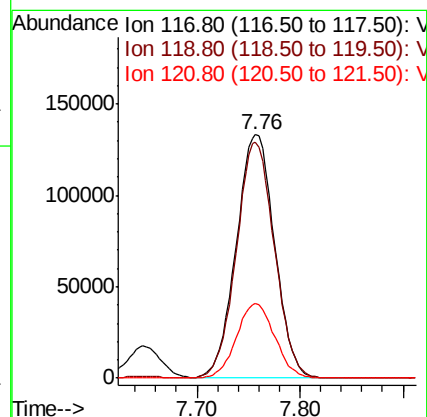
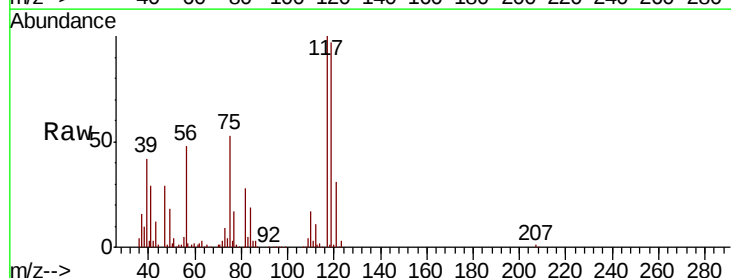
Instrument :
MSVOA_N
ClientSampleId :

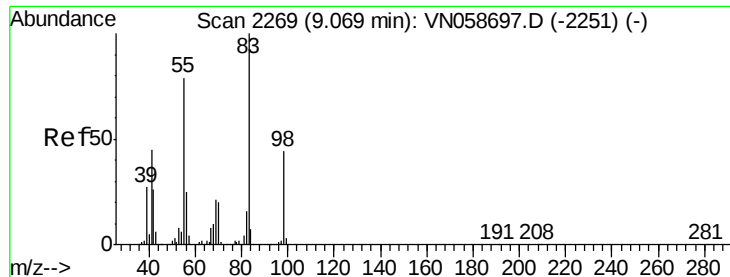
Tot Ion: 43 Resp: 366503
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.559 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 117 Resp: 344693
Ion Ratio Lower Upper
117 100
119 97.1 75.7 113.5
121 30.9 23.9 35.9

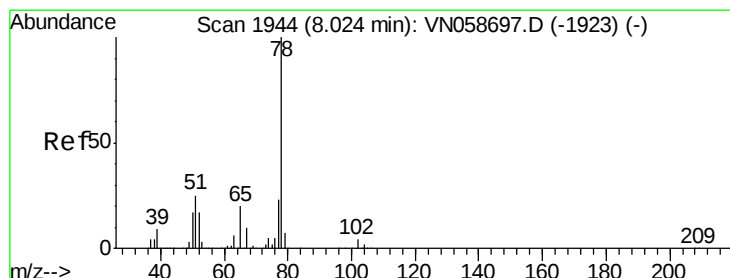
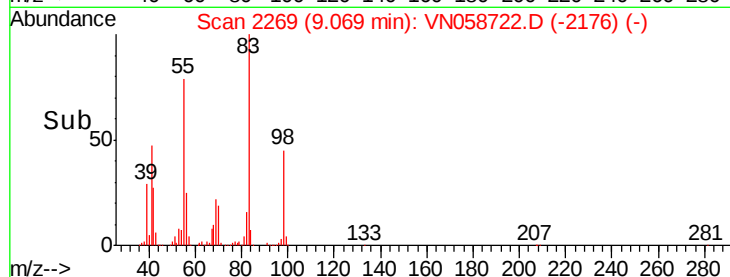
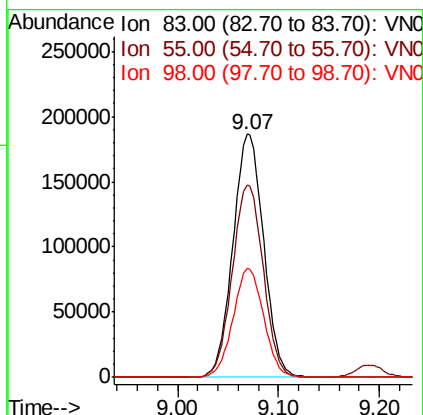
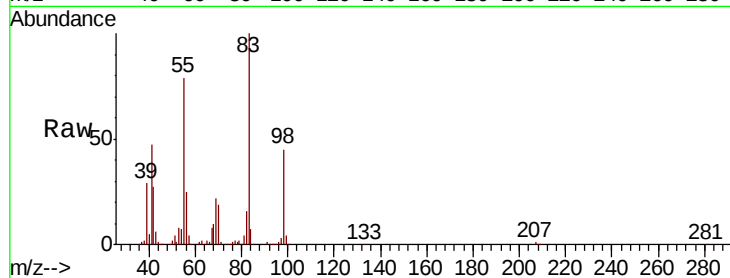




#39
Methvlcvclohexane
Concen: 50.462 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

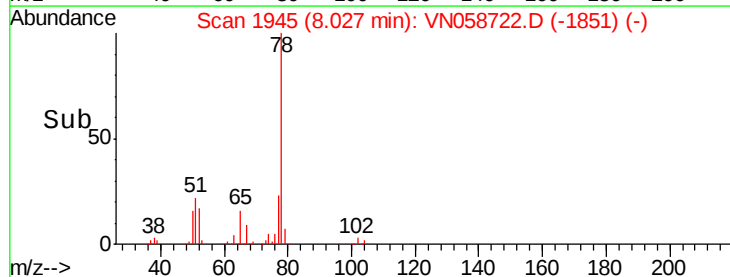
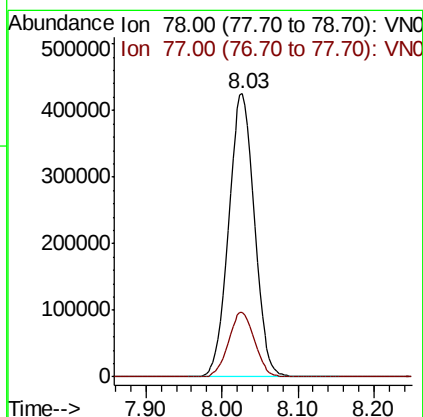
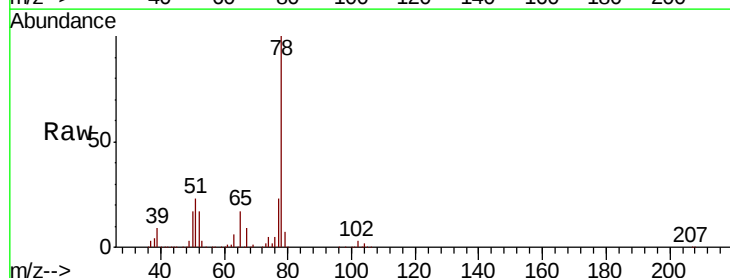
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 394030
Ion Ratio Lower Upper
83 100
55 79.0 63.4 95.0
98 44.6 35.1 52.7



#40
Benzene
Concen: 51.639 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 78 Resp: 997977
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2

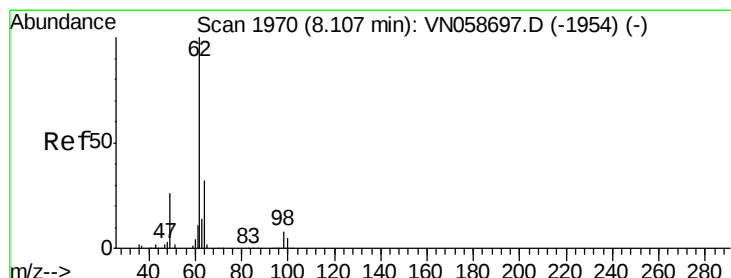
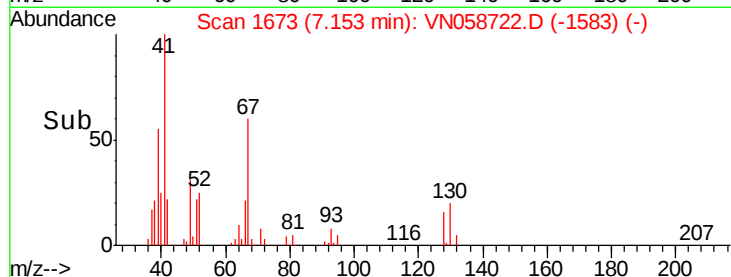
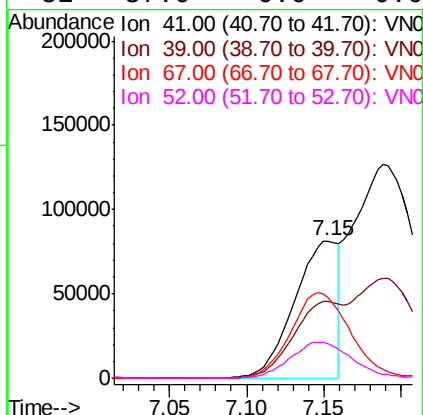
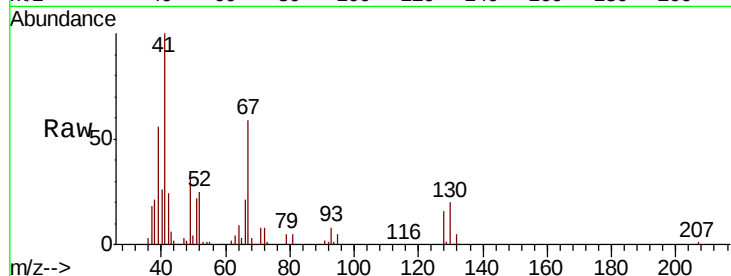




#41
Methacrylonitrile
Concen: 50.107 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

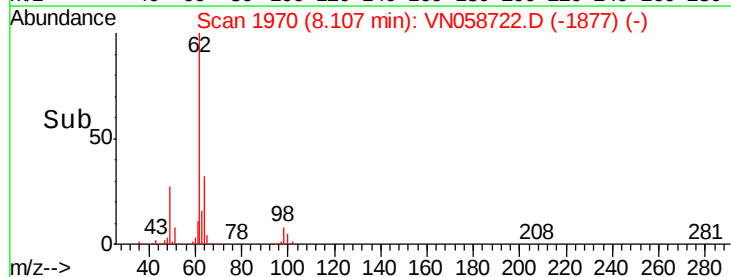
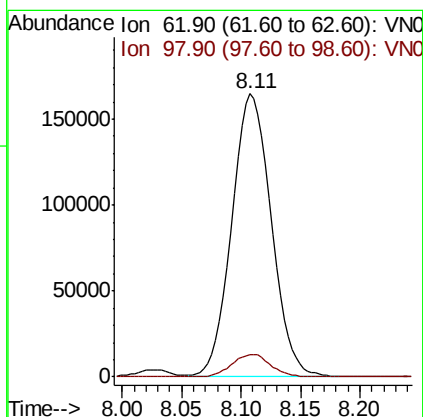
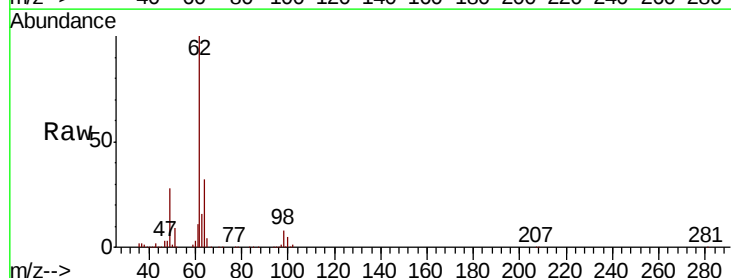
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 159623
Ion Ratio Lower Upper
41 100
39 61.9 115.4 173.2#
67 85.3 0.0 0.0#
52 37.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.957 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 62 Resp: 378342
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.8

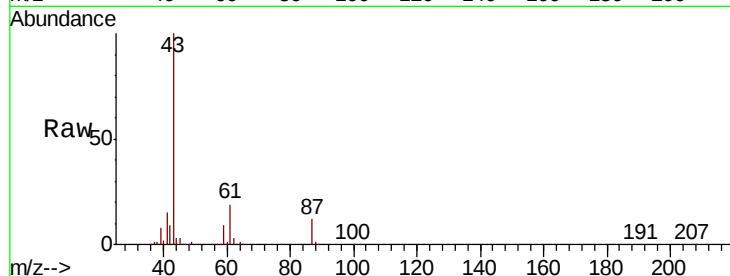




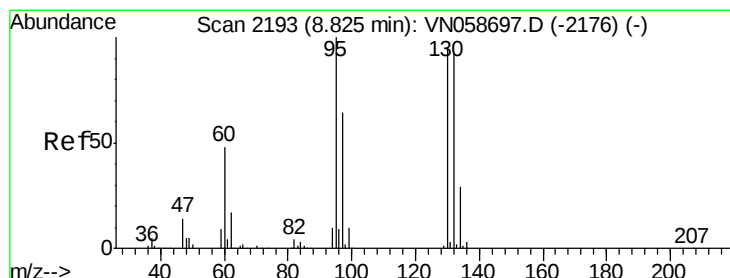
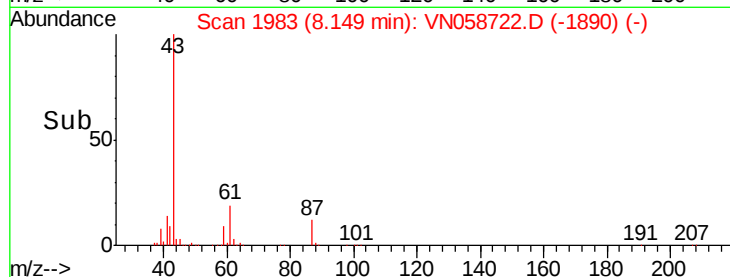
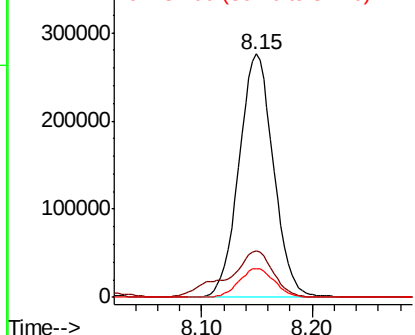
#43
Isopropyl Acetate
Concen: 51.434 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 596286
Ion Ratio Lower Upper
43 100
61 25.3 20.3 30.5
87 12.2 9.8 14.6

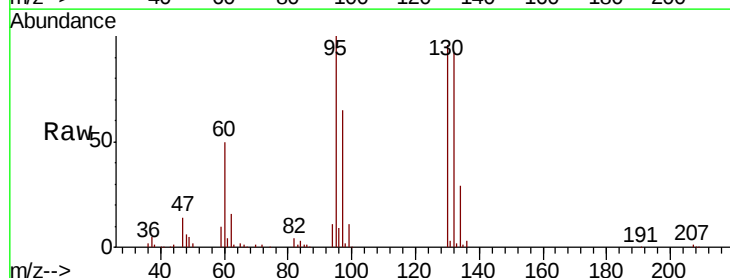


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

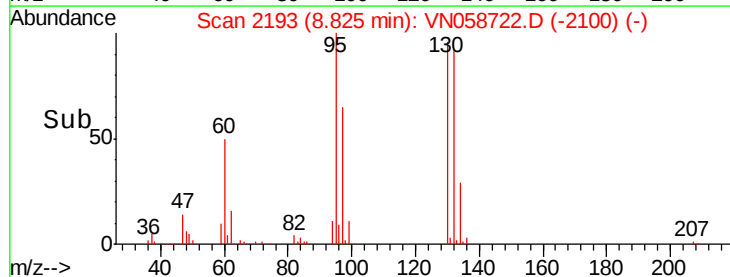
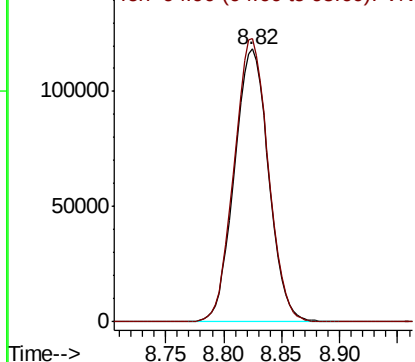


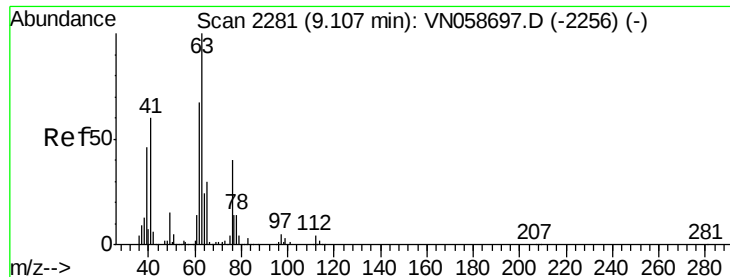
#44
Trichloroethene
Concen: 50.629 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion:130 Resp: 242982
Ion Ratio Lower Upper
130 100
95 103.7 0.0 211.2



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

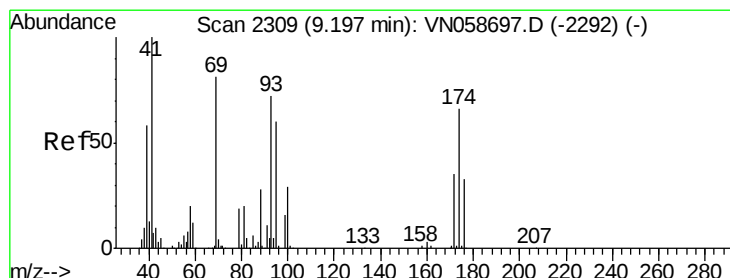
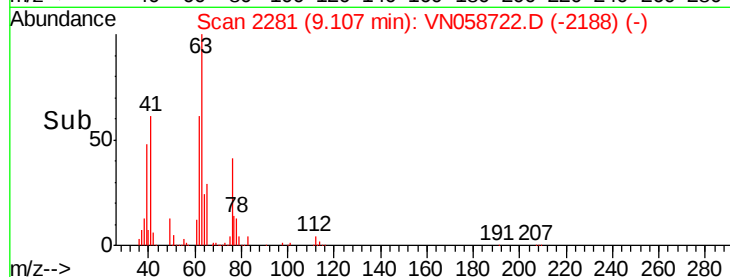
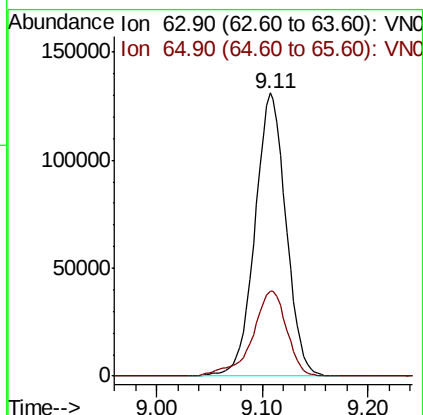
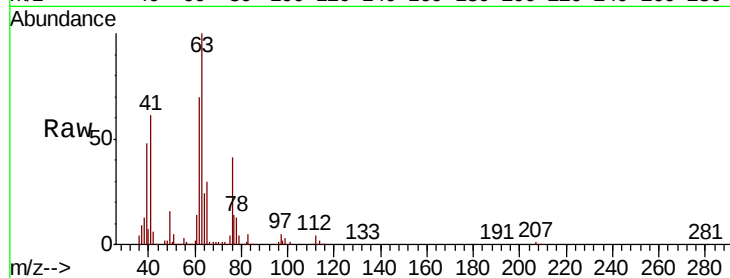




#45
 1,2-Dichloropropane
 Concen: 51.940 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

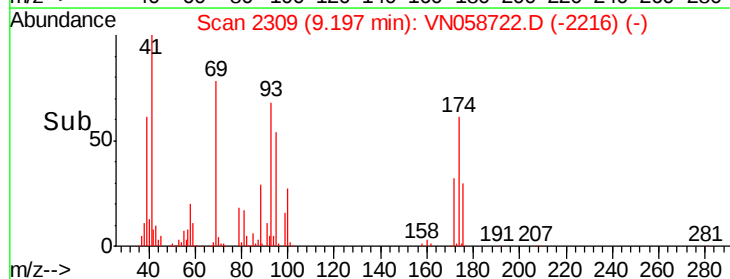
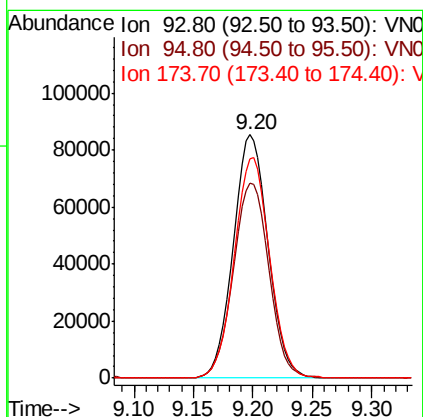
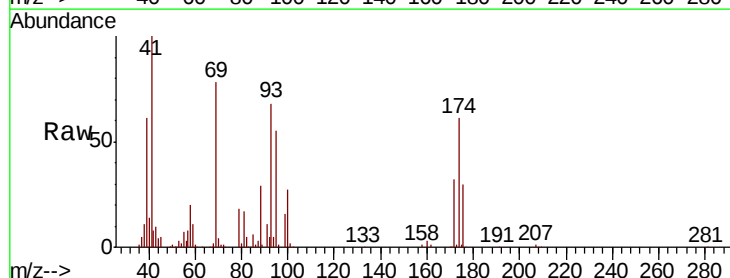
Instrument :
 MSVOA_N
 ClientSampled :

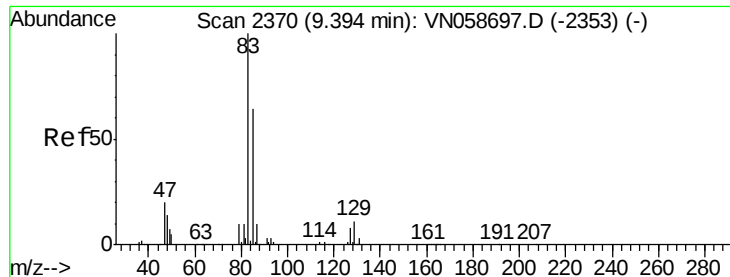
Tot Ion: 63 Resp: 268718
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.1 36.1



#46
 Dibromomethane
 Concen: 52.825 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Tgt Ion: 93 Resp: 173274
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.6 100.0
 174 91.9 75.2 112.8





#47

Bromodichloromethane

Concen: 53.240 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

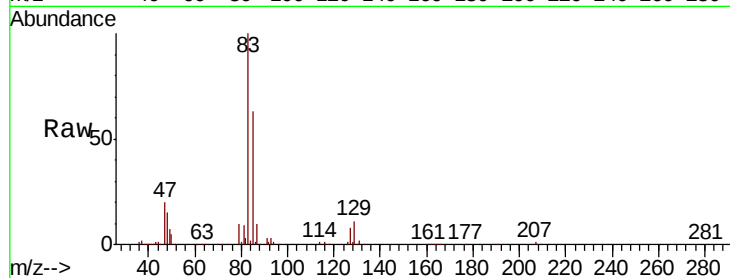
Tot Ion: 83 Resp: 355612

Ion Ratio Lower Upper

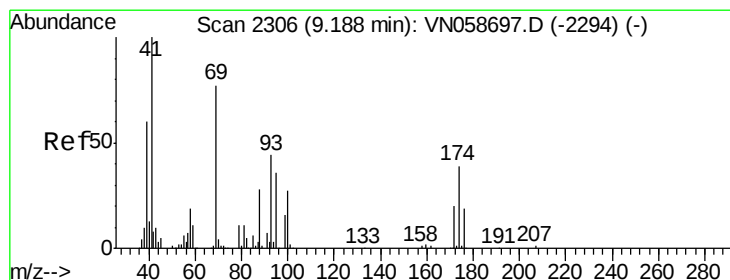
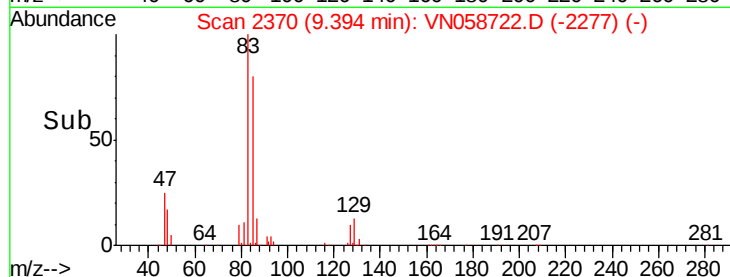
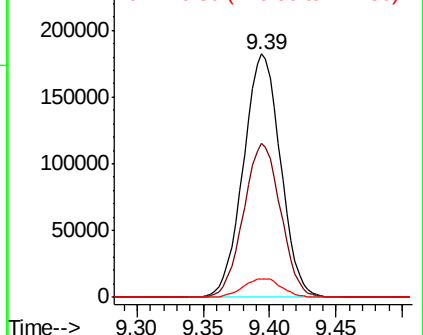
83 100

85 63.0 50.9 76.3

127 7.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 52.731 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

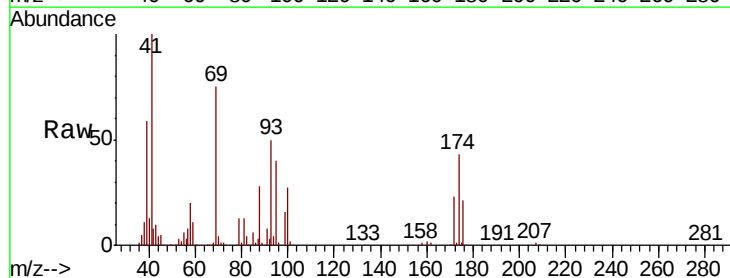
Tgt Ion: 41 Resp: 277112

Ion Ratio Lower Upper

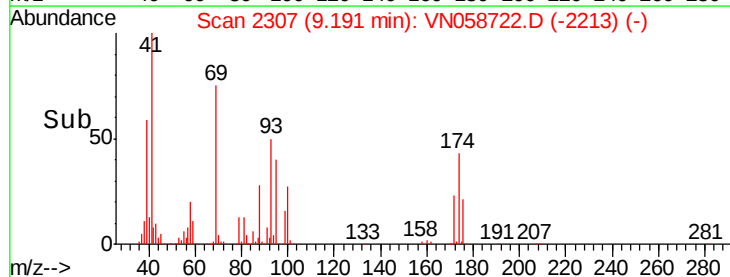
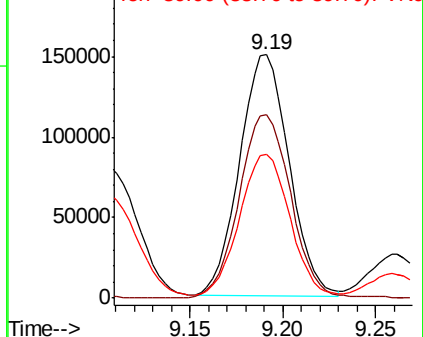
41 100

69 79.7 63.4 95.2

39 61.3 48.9 73.3



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

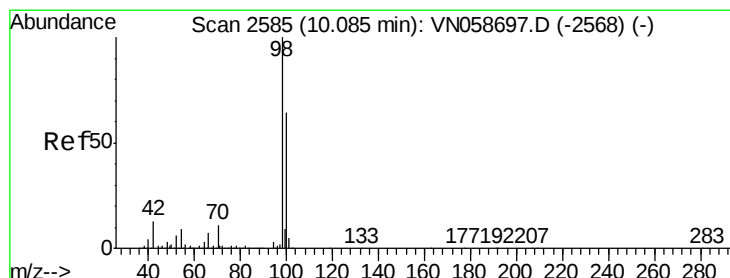
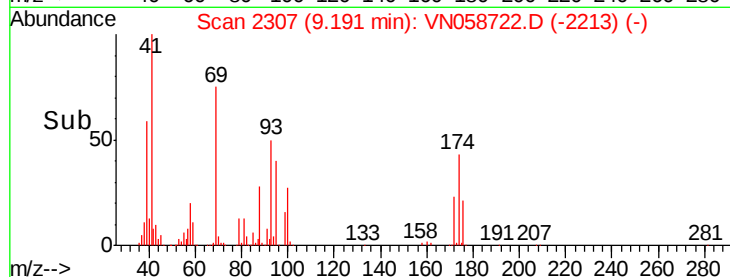
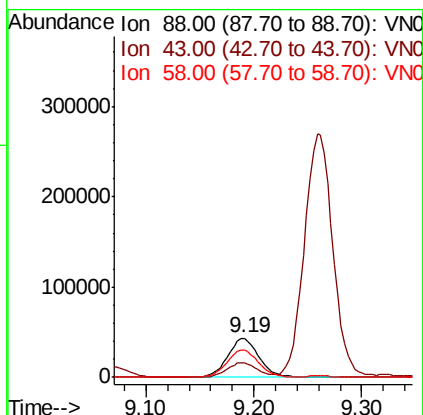
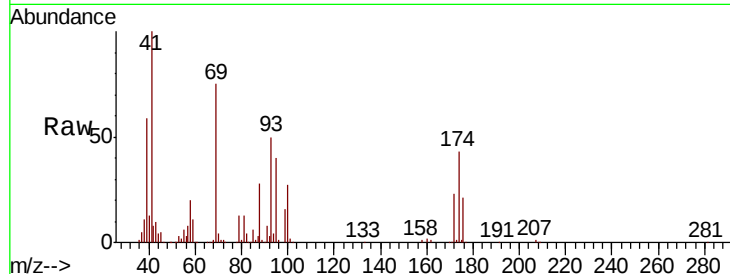




#49
1,4-Dioxane
Concen: 1079.571 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

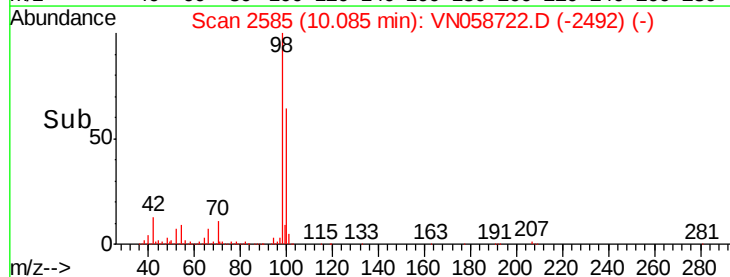
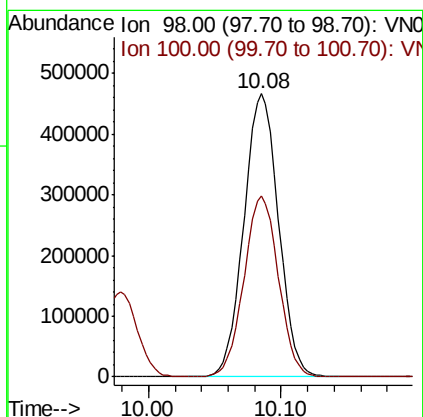
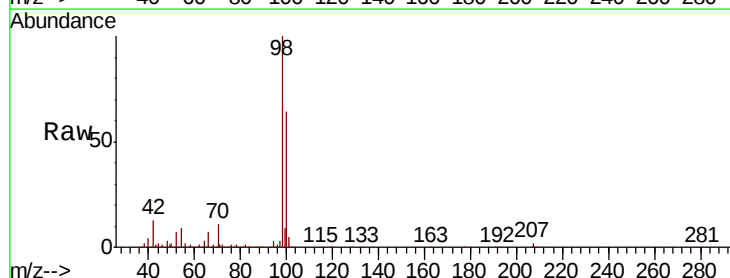
Instrument :
MSVOA_N
ClientSampleId :

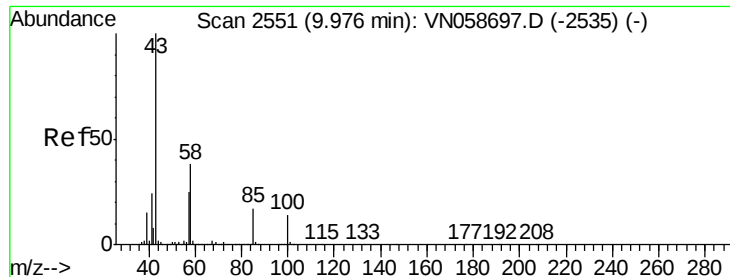
Tot Ion: 88 Resp: 87769
Ion Ratio Lower Upper
88 100
43 36.3 28.6 43.0
58 71.6 57.2 85.8



#50
Toluene-d8
Concen: 51.613 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 98 Resp: 848480
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 284.749 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

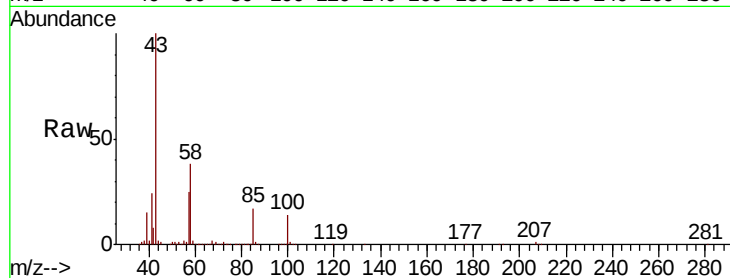
ClientSampled :

Tot Ion: 43 Resp: 1853989

Ion Ratio Lower Upper

43 100

58 37.4 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN058697.D (-2535) (-)

1200000

1000000

800000

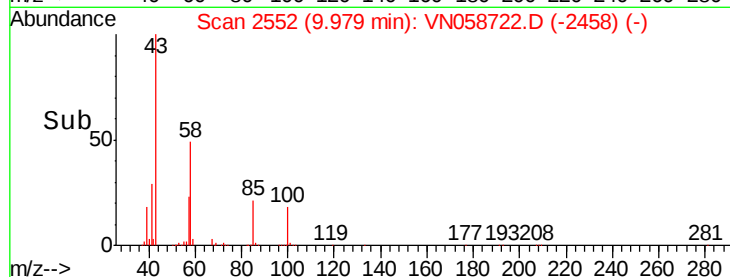
600000

400000

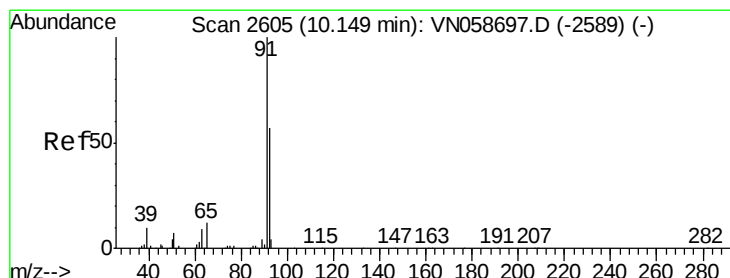
200000

0

9.90 9.98 10.00 10.10



Time-->



#52

Toluene

Concen: 52.037 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058722.D

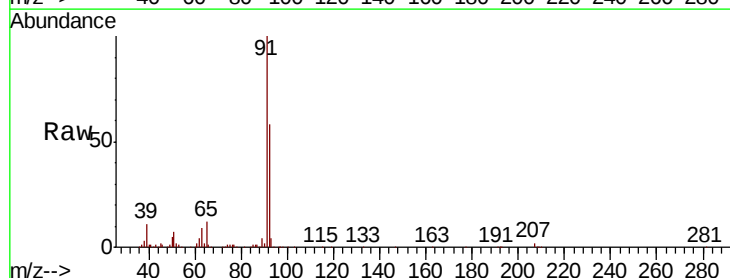
Acq: 11 Oct 2019 23:20

Tgt Ion: 92 Resp: 615089

Ion Ratio Lower Upper

92 100

91 174.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN058697.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN058697.D (-2589) (-)

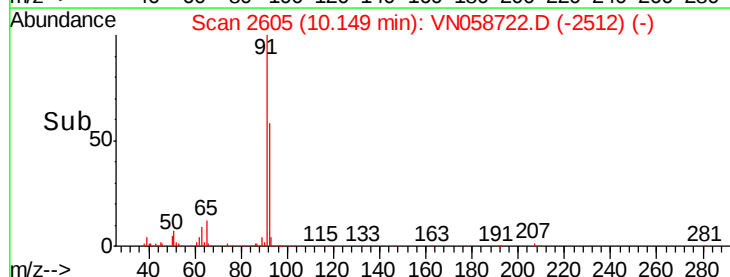
600000

400000

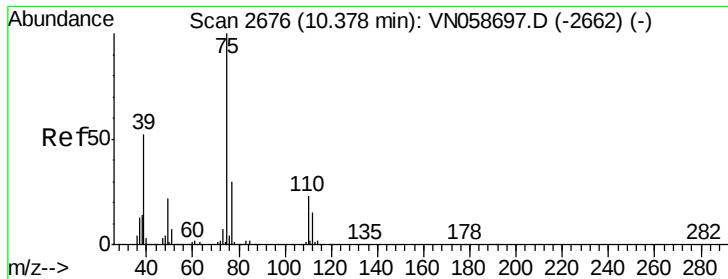
200000

0

10.10 10.15 10.20



Time-->



#53

t-1,3-Dichloropropene

Concen: 51.118 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

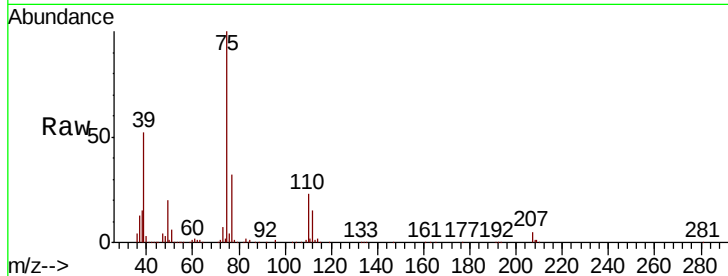
ClientSampled :

Tot Ion: 75 Resp: 391614

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

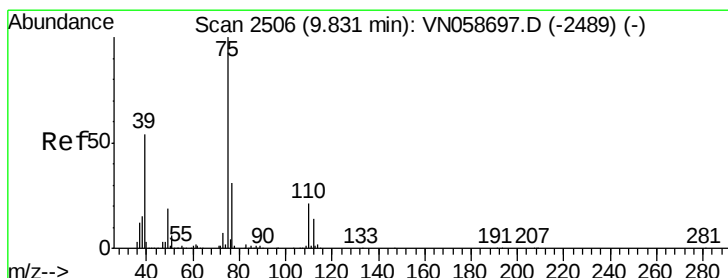
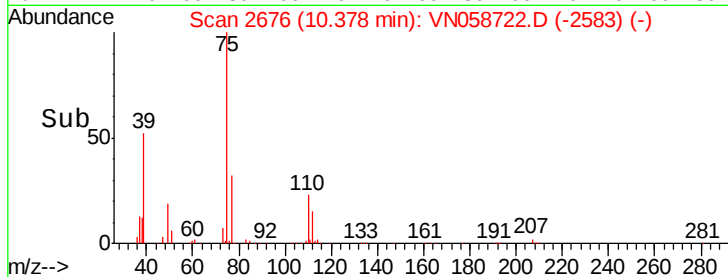
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.601 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

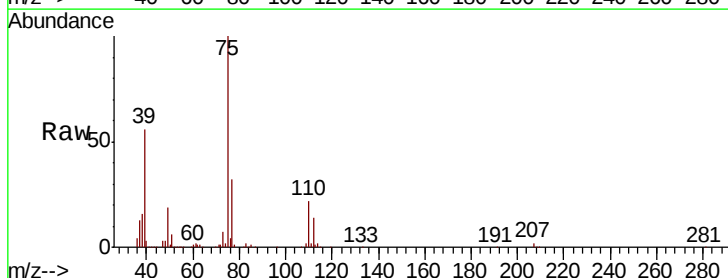
Tgt Ion: 75 Resp: 411589

Ion Ratio Lower Upper

75 100

77 32.0 24.4 36.6

39 56.1 43.1 64.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

300000

250000

200000

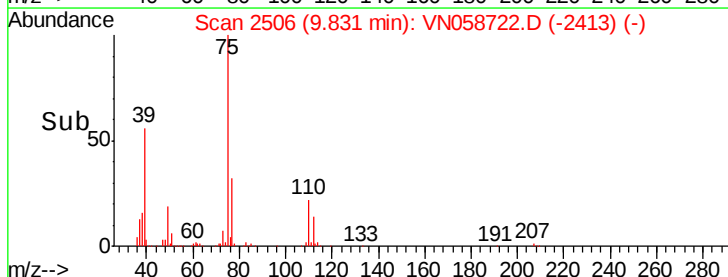
150000

100000

50000

0

Time-->

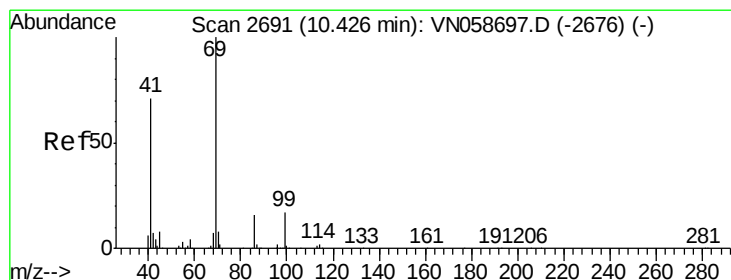
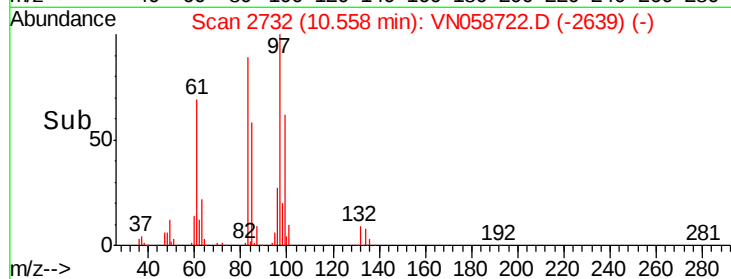
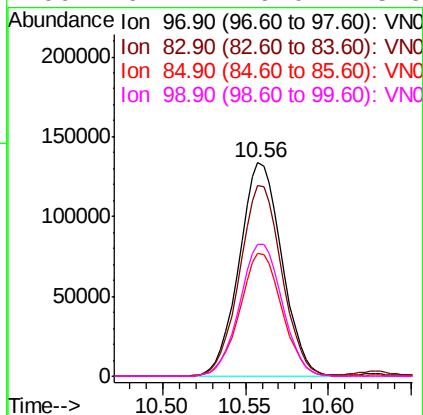
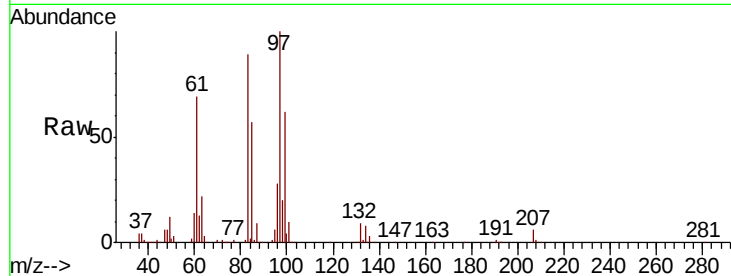




#55
 1,1,2-Trichloroethane
 Concen: 49.438 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

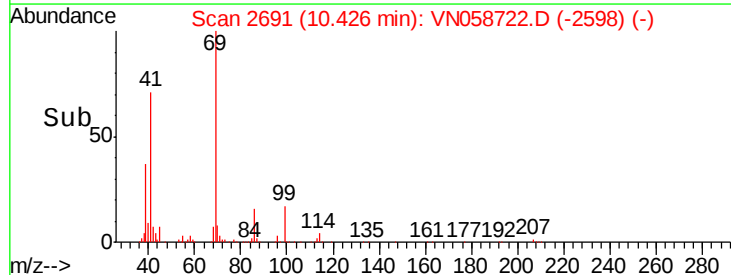
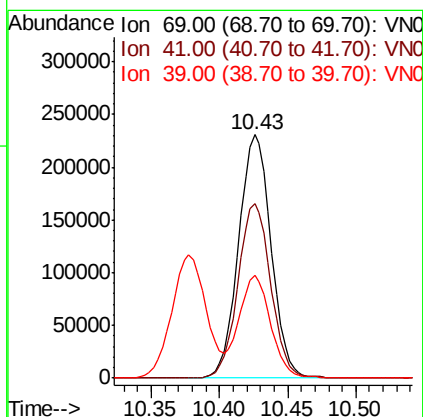
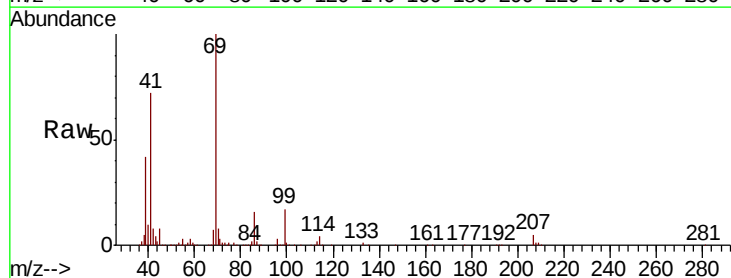
Instrument :
 MSVOA_N
 ClientSampleId :

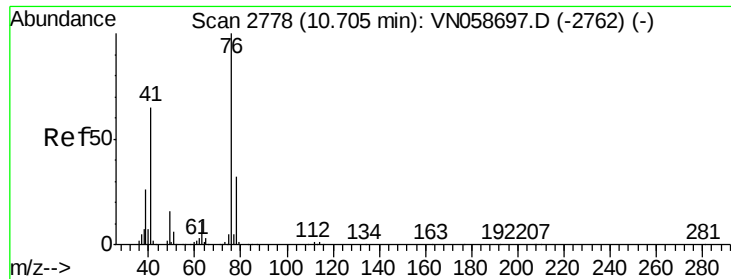
Tot Ion:	97	Resp:	239176
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.2	106.8
85	57.4	46.7	70.1
99	61.7	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 54.018 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Tgt Ion:	69	Resp:	381793
Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.8	85.2
39	40.7	32.5	48.7





#57

1,3-Dichloropropane

Concen: 51.702 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

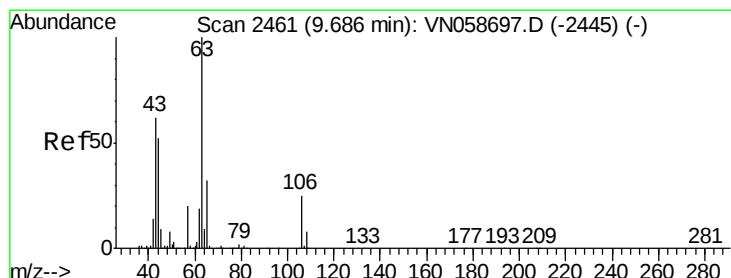
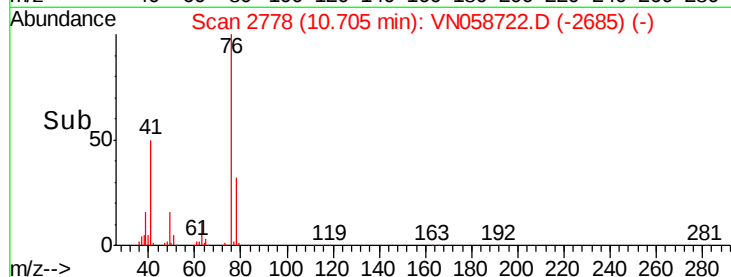
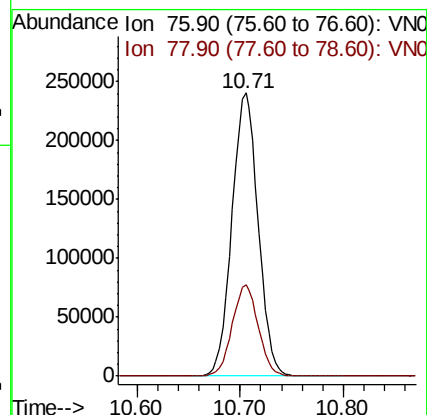
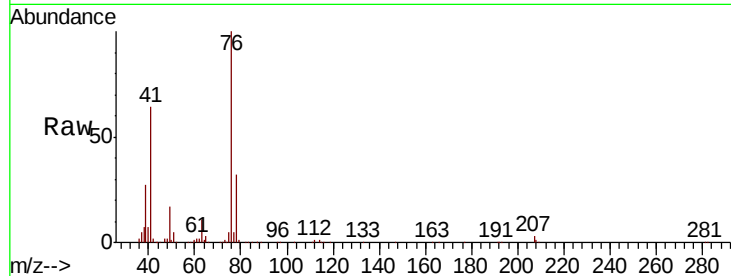
ClientSampleId :

Tot Ion: 76 Resp: 426239

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 272.993 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058722.D

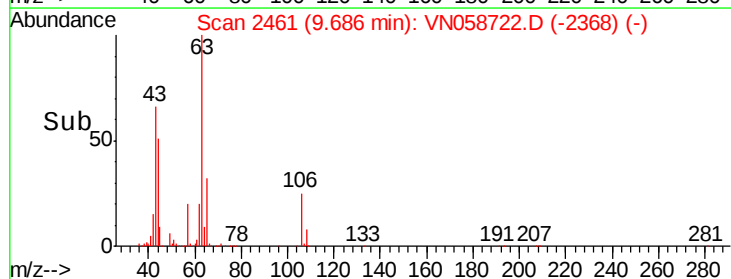
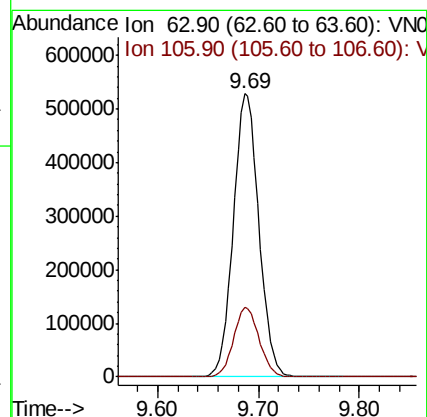
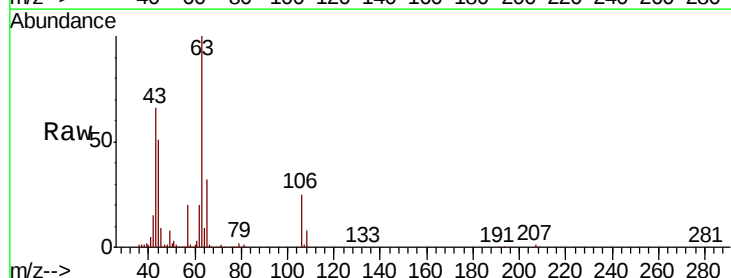
Acq: 11 Oct 2019 23:20

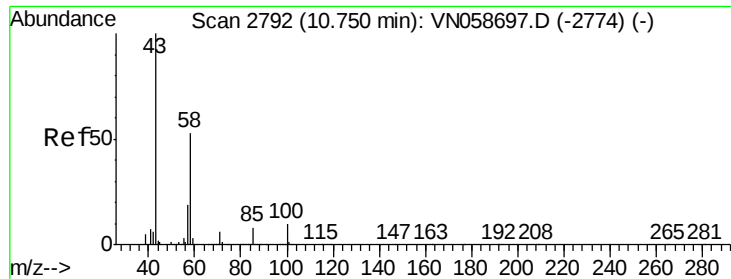
Tgt Ion: 63 Resp: 929856

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0

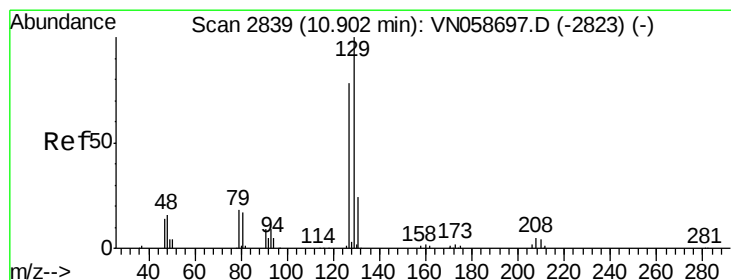
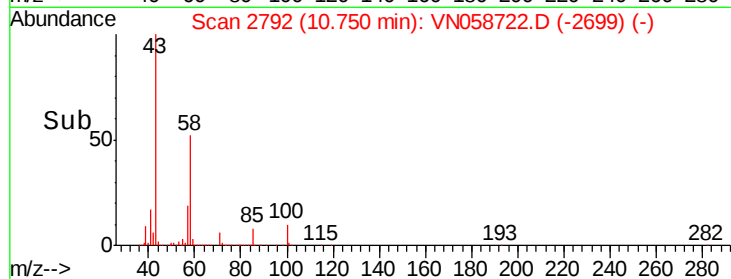
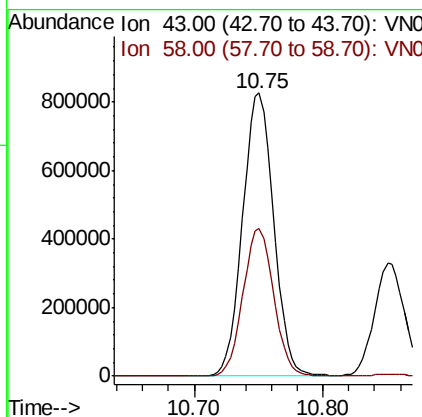
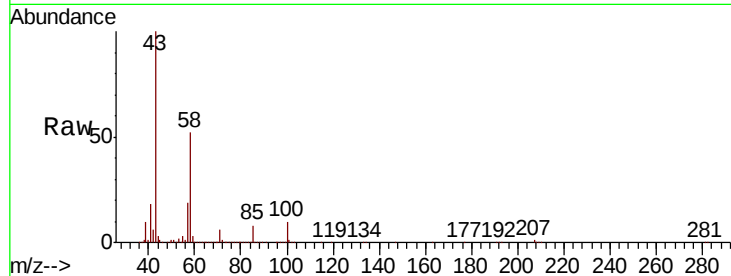




#59
2-Hexanone
Concen: 275.710 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

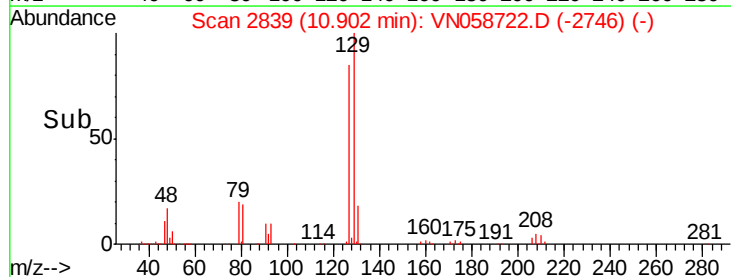
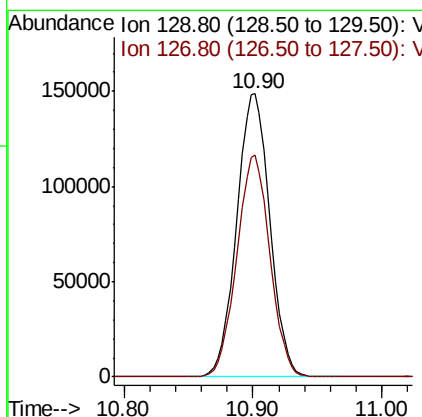
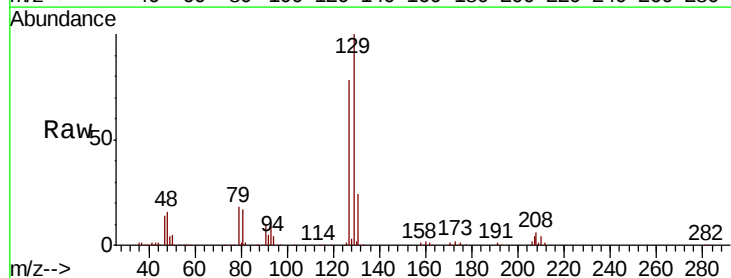
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1387287
Ion Ratio Lower Upper
43 100
58 51.8 26.1 78.3



#60
Dibromochloromethane
Concen: 53.287 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion:129 Resp: 265937
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3

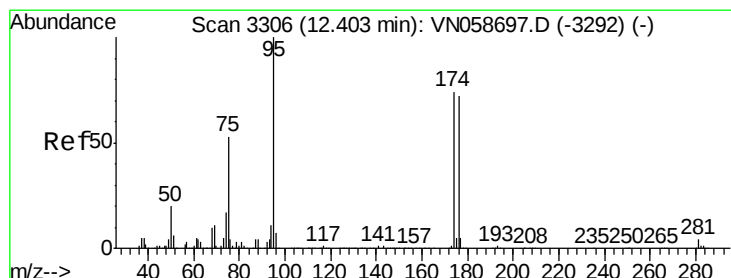
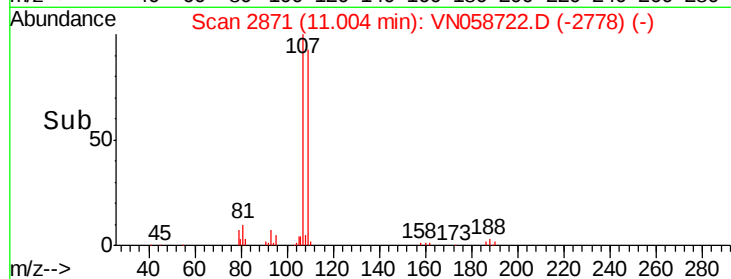
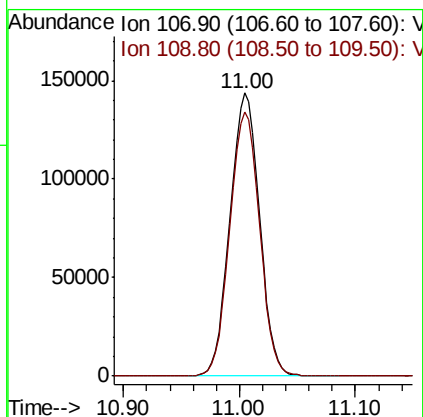
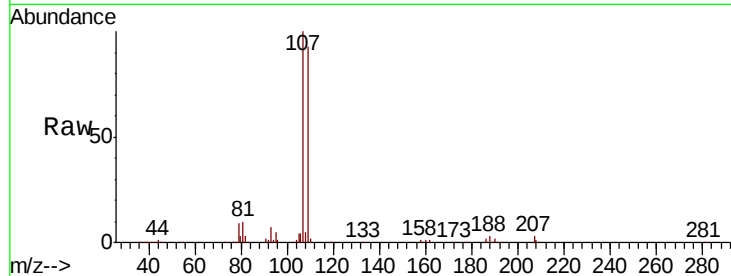




#61
 1,2-Dibromoethane
 Concen: 52.101 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

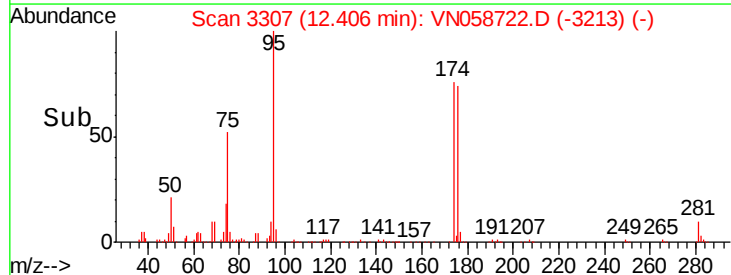
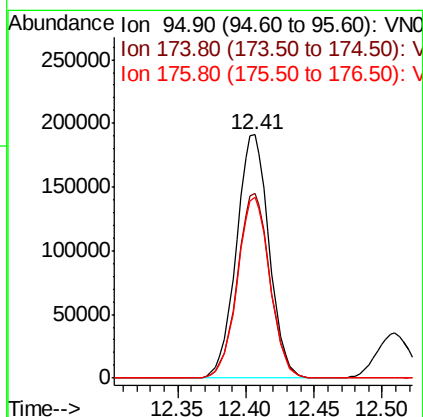
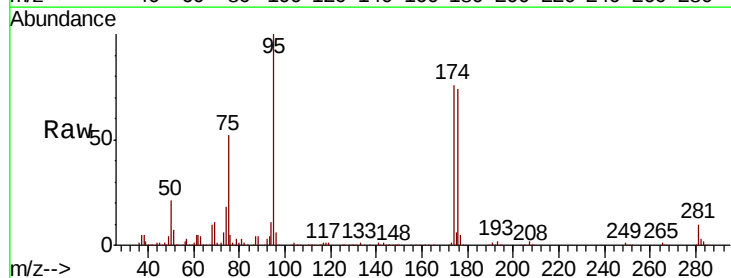
Instrument :
 MSVOA_N
 ClientSampleId :

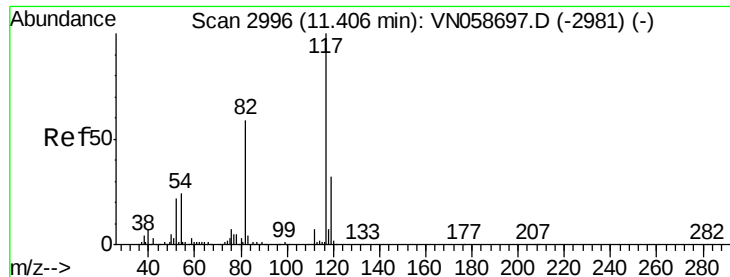
Tot Ion: 107 Resp: 252522
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.977 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Tgt Ion: 95 Resp: 317211
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 150.4
 176 73.8 0.0 146.8

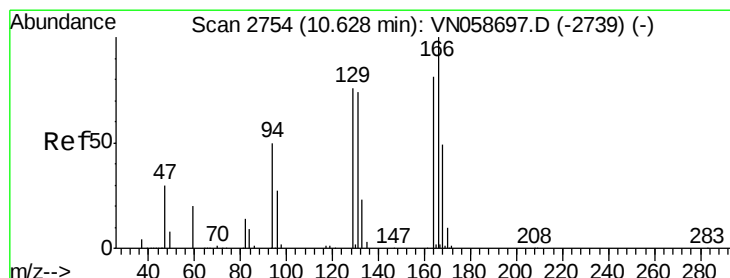
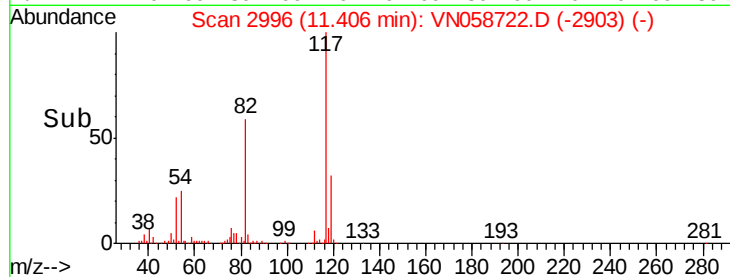
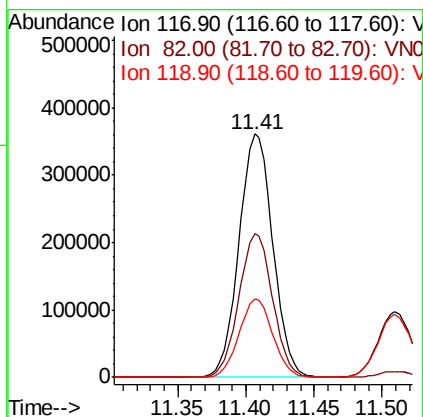
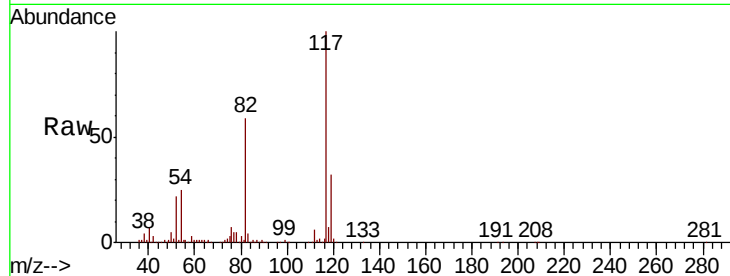




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

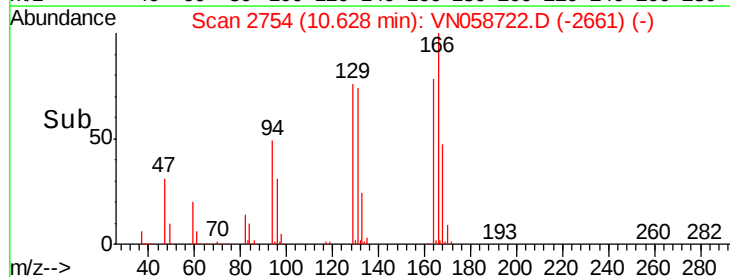
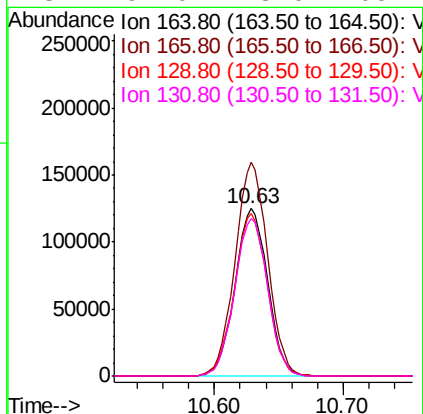
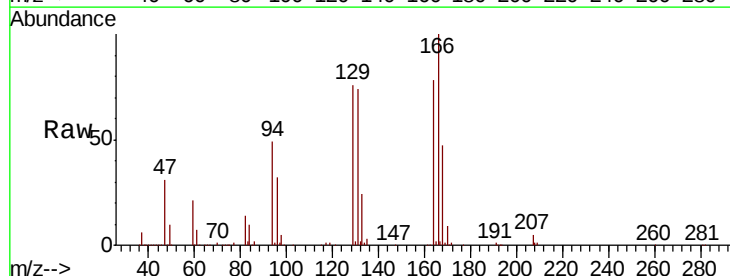
Instrument :
MSVOA_N
ClientSampleId :

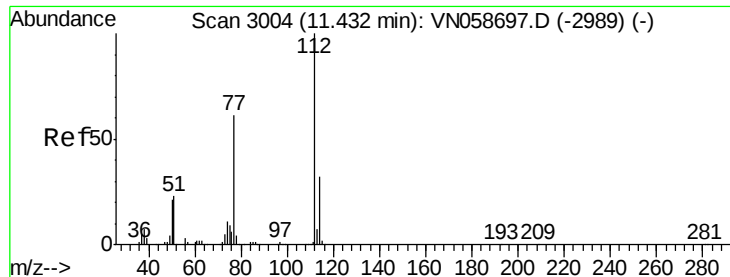
Tot Ion:117 Resp: 622672
Ion Ratio Lower Upper
117 100
82 59.3 47.0 70.4
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 50.471 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion:164 Resp: 219935
Ion Ratio Lower Upper
164 100
166 127.5 99.3 148.9
129 97.2 75.2 112.8
131 94.0 73.0 109.4

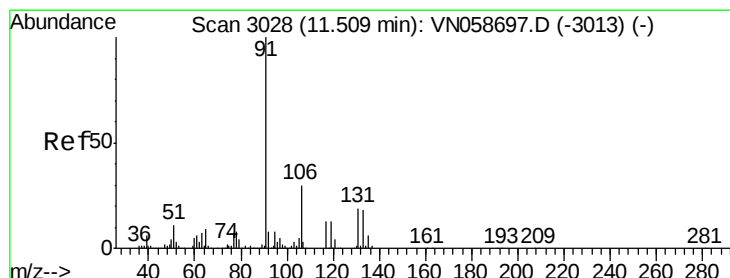
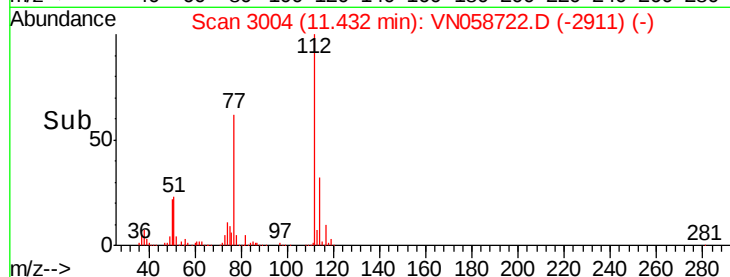
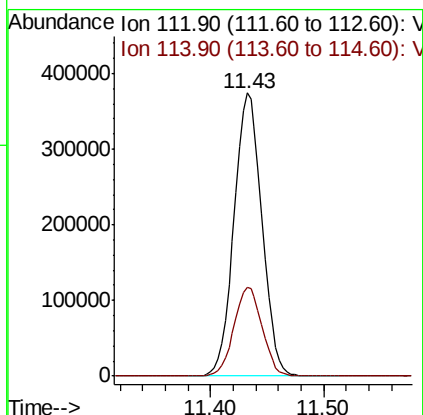
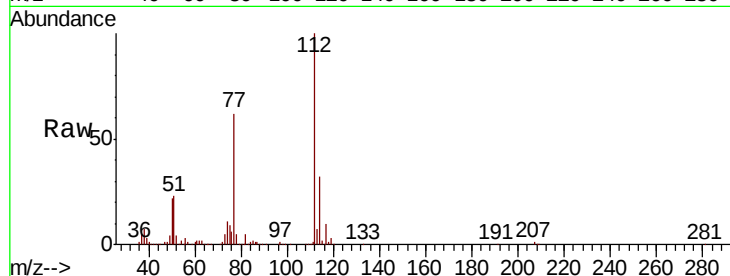




#65
Chlorobenzene
Concen: 50.815 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

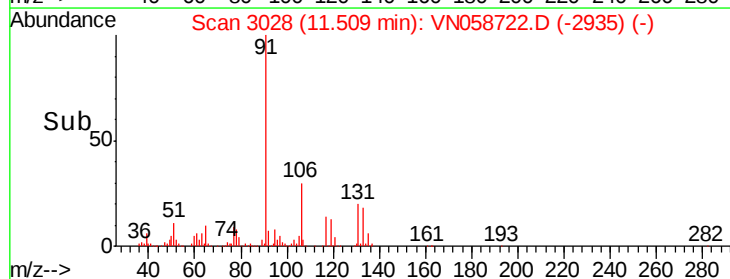
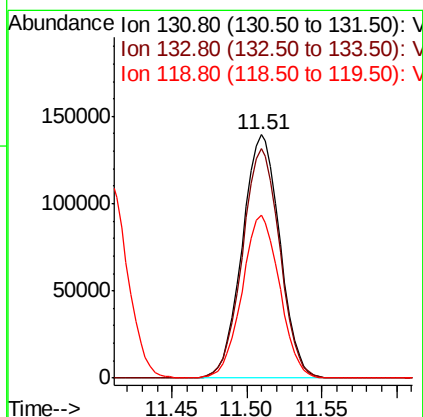
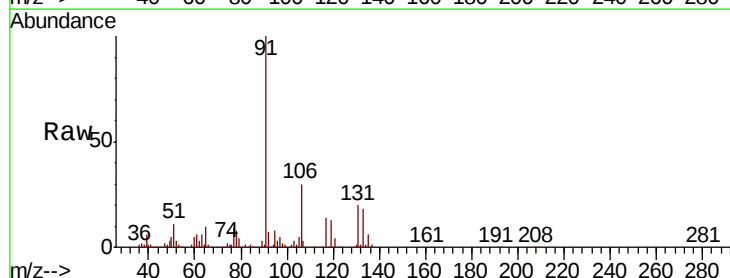
Instrument :
MSVOA_N
ClientSampled :

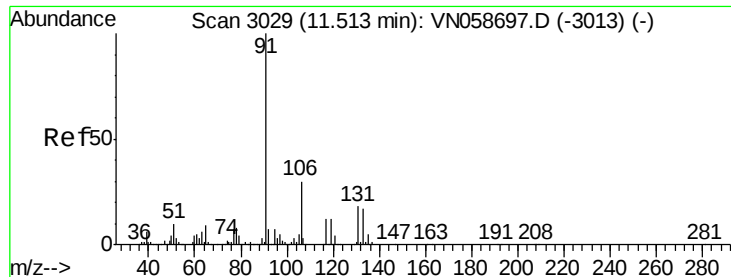
Tot Ion:112 Resp: 642570
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.276 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion:131 Resp: 244437
Ion Ratio Lower Upper
131 100
133 93.5 47.6 142.9
119 66.6 33.0 98.9

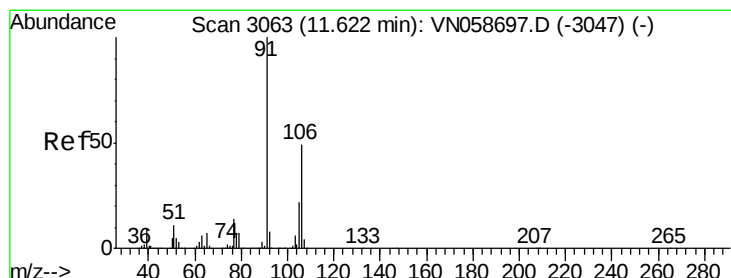
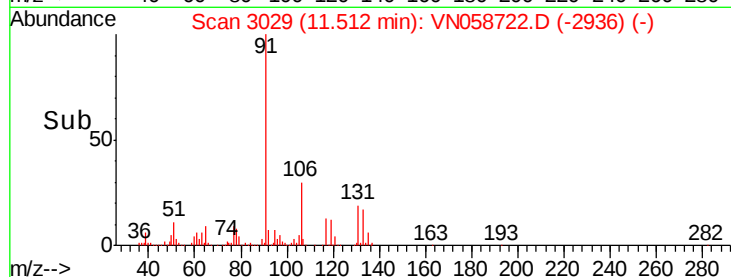
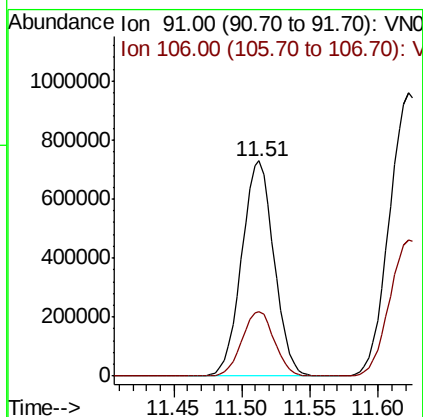
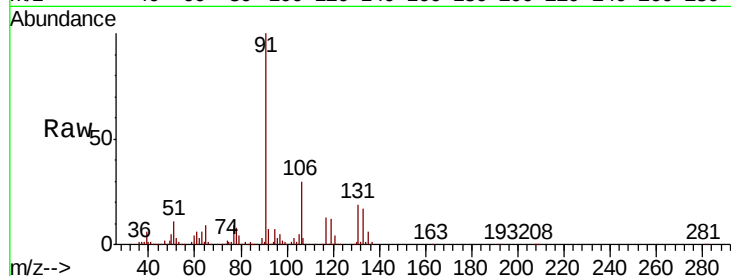




#67
Ethyl Benzene
Concen: 53.193 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

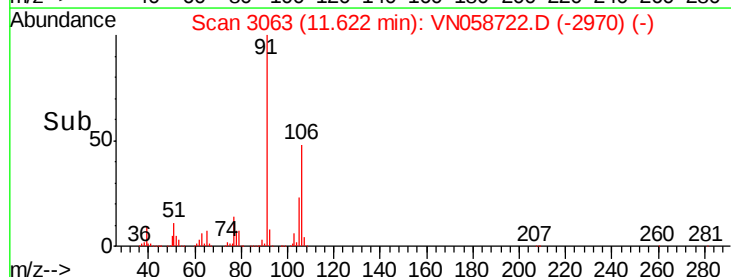
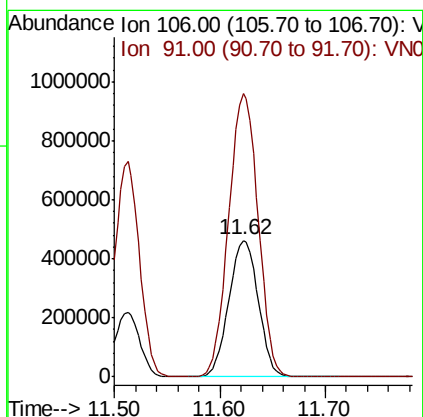
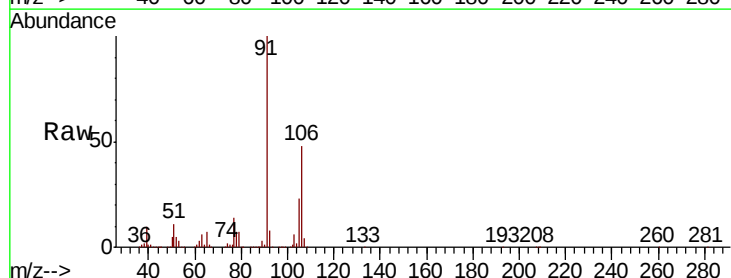
Instrument :
MSVOA_N
ClientSampled :

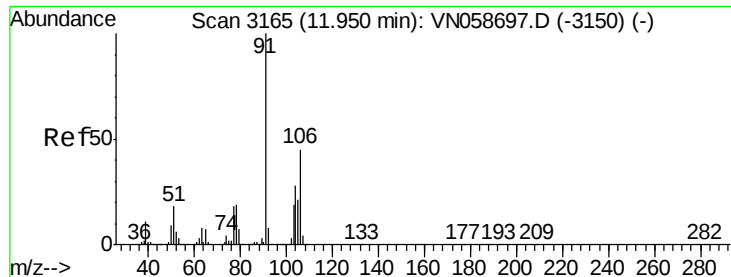
Tot Ion: 91 Resp: 1199018
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 105.231 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion: 106 Resp: 890156
Ion Ratio Lower Upper
106 100
91 208.2 165.7 248.5

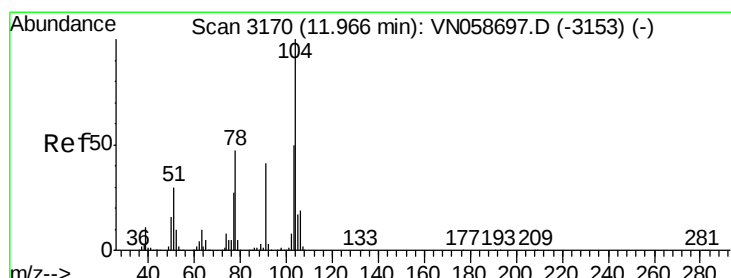
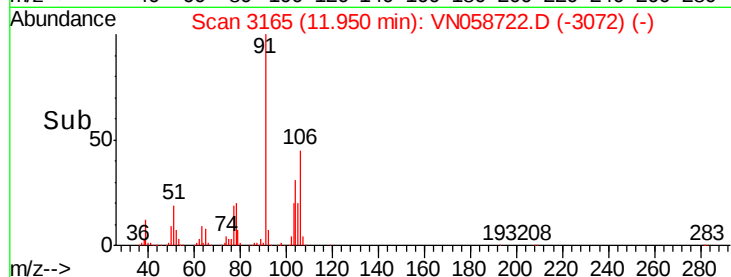
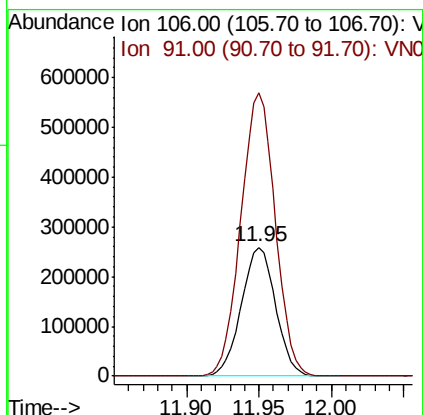
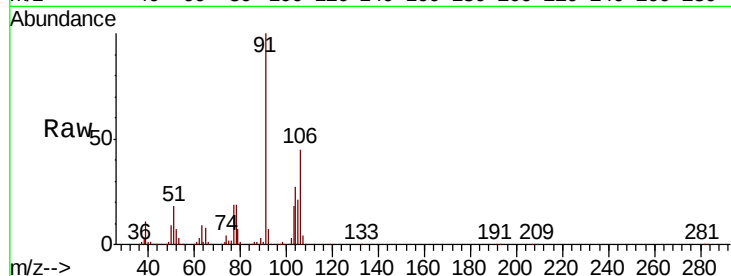




#69
o-Xylene
Concen: 52.099 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

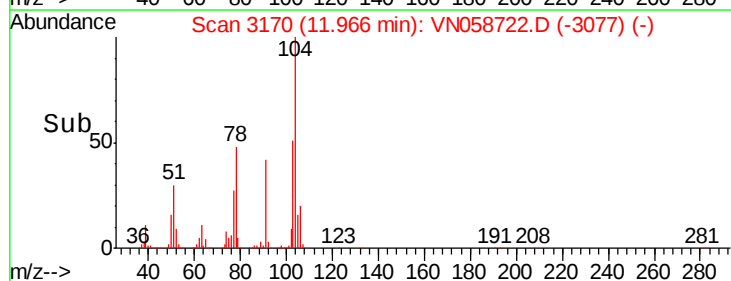
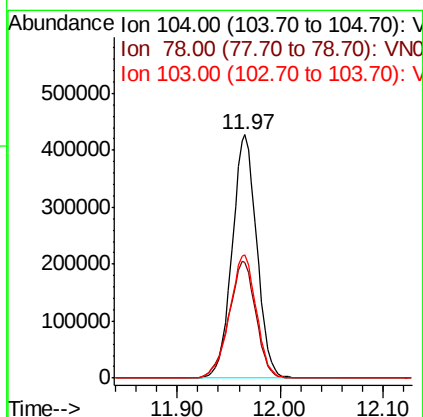
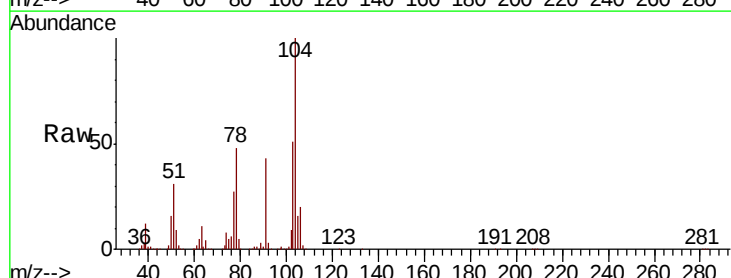
Instrument :
MSVOA_N
ClientSampled :

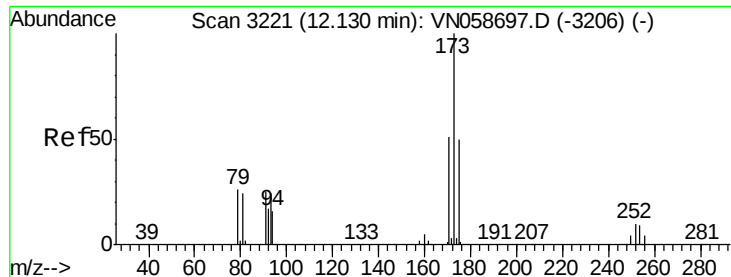
Tot Ion:106 Resp: 426394
Ion Ratio Lower Upper
106 100
91 220.4 110.9 332.9



#70
Styrene
Concen: 52.935 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion:104 Resp: 710078
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.2
103 55.1 43.7 65.5

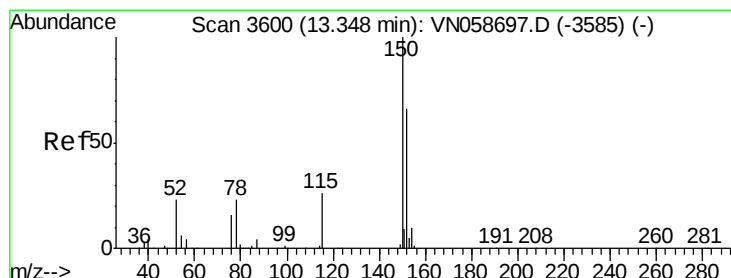
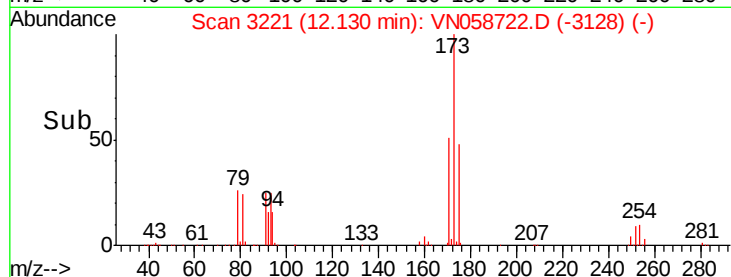
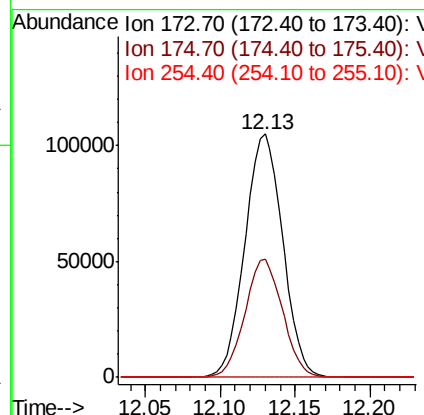
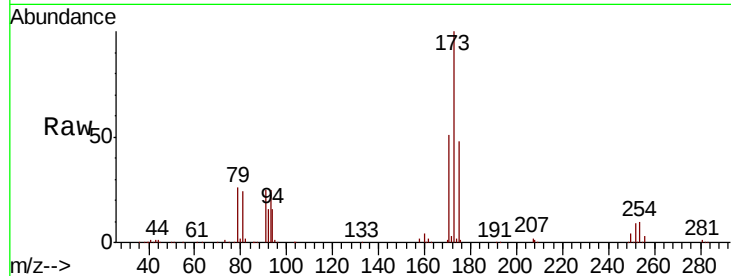




#71
Bromoform
Concen: 53.985 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

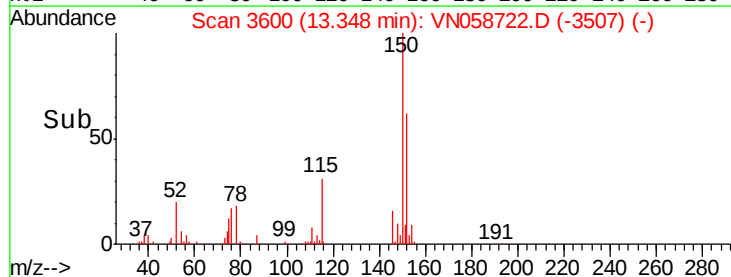
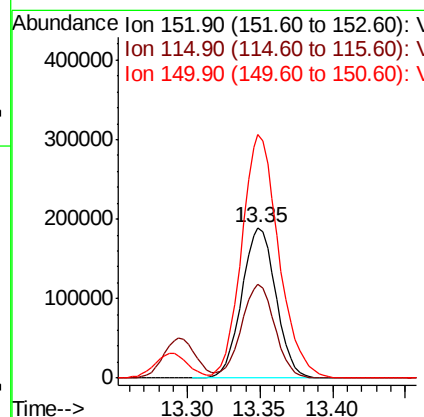
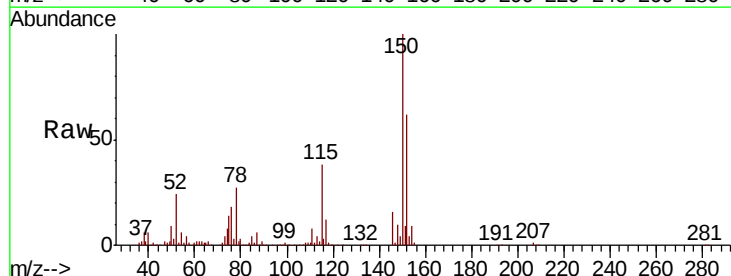
Instrument :
MSVOA_N
ClientSampled :

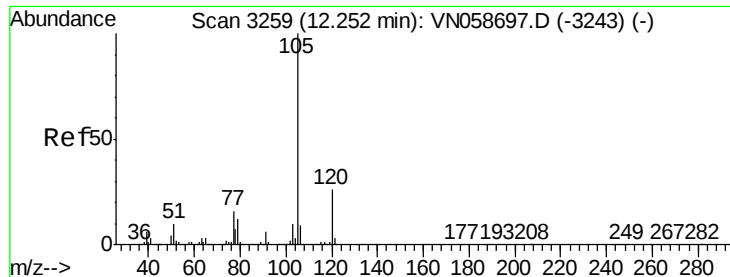
Tot Ion:173 Resp: 185025
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058722.D
Acq: 11 Oct 2019 23:20

Tgt Ion:152 Resp: 308564
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.2
150 175.3 0.0 345.4





#73

Isopropylbenzene

Concen: 52.561 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

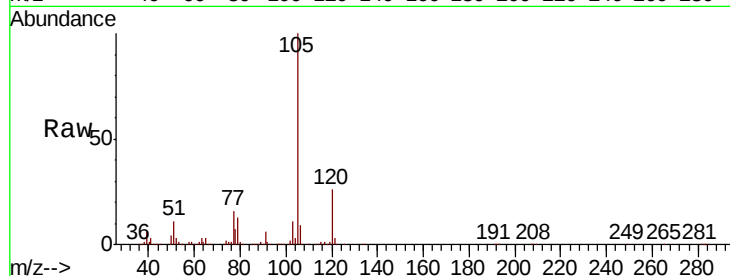
ClientSampleId :

Tot Ion:105 Resp: 1174587

Ion Ratio Lower Upper

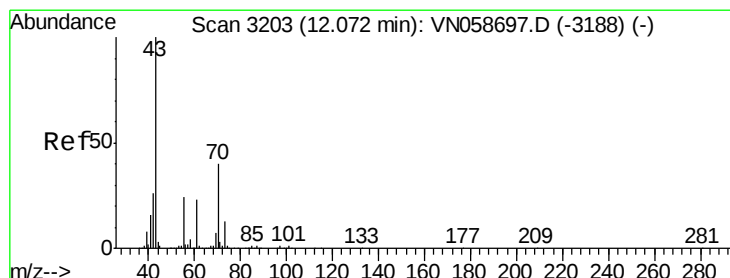
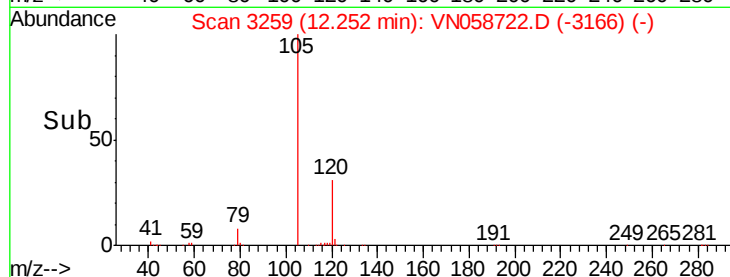
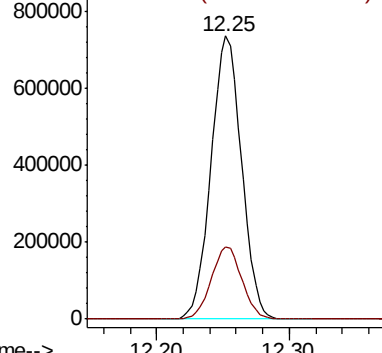
105 100

120 25.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.438 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Tgt Ion: 43 Resp: 536347

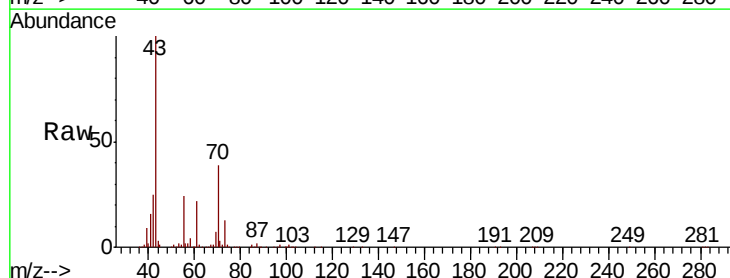
Ion Ratio Lower Upper

43 100

70 39.6 32.2 48.4

55 24.5 19.6 29.4

61 22.6 18.6 28.0

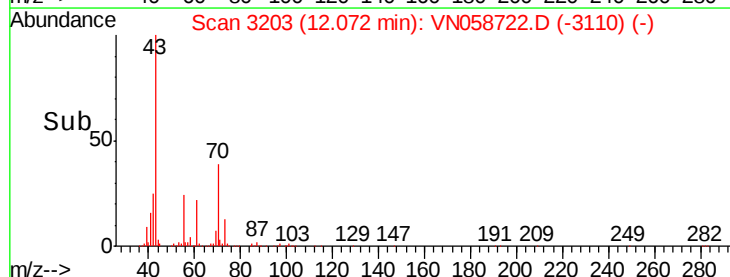
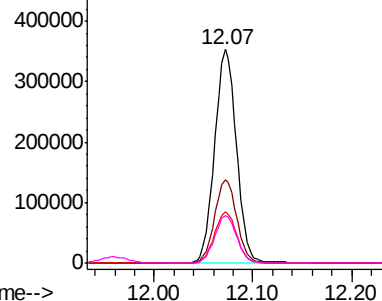


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.962 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

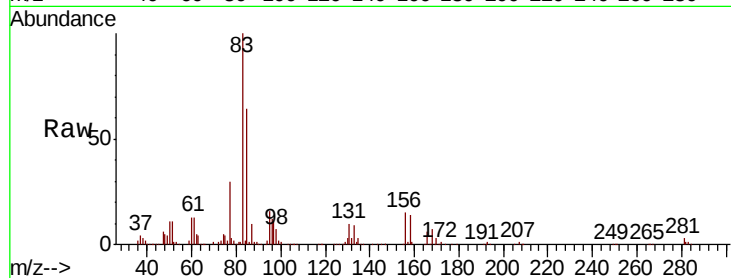
Tot Ion: 83 Resp: 375169

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.4
85	64.8	31.9	95.5

83 100

131 9.7 4.8 14.4

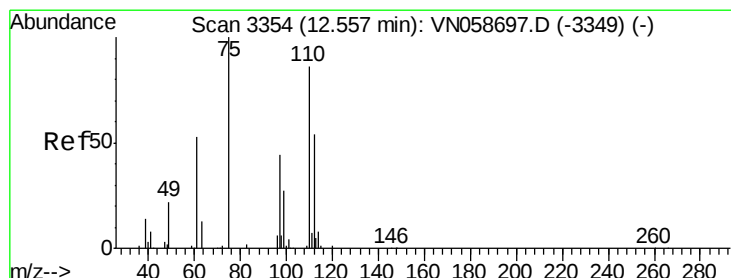
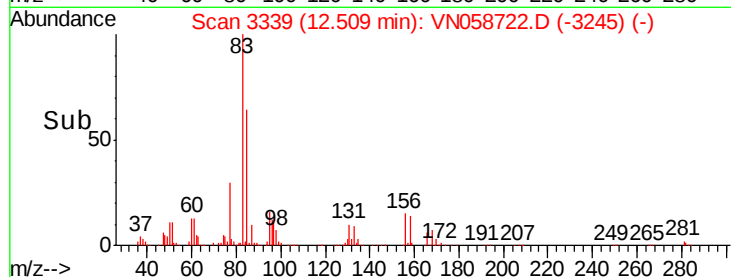
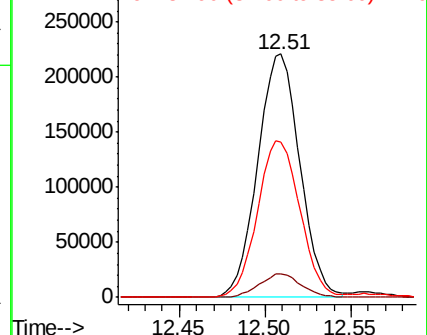
85 64.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN058722.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN058722.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN058722.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 73.877 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058722.D

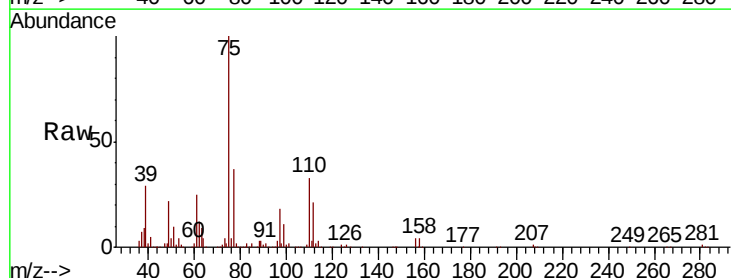
Acq: 11 Oct 2019 23:20

Tgt Ion: 75 Resp: 500081

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

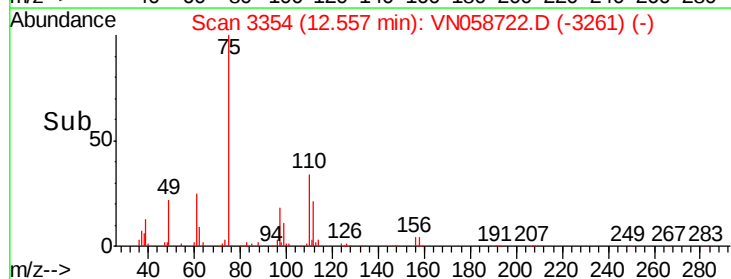
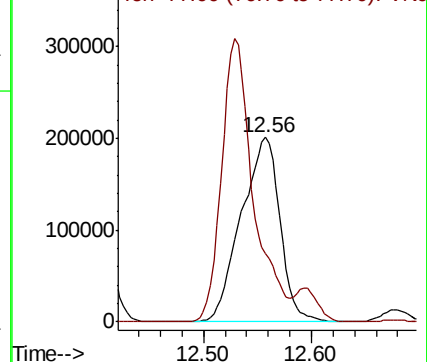
75 100

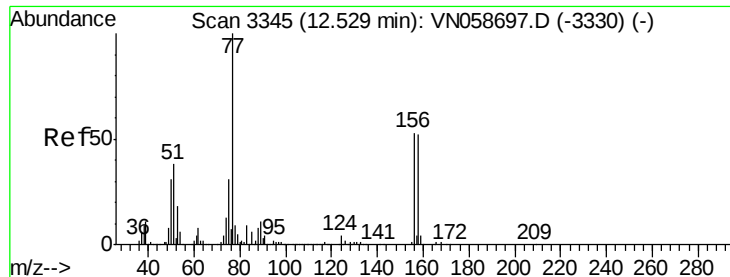
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN058722.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058722.D (-3261) (-)





#77

Bromobenzene

Concen: 50.251 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

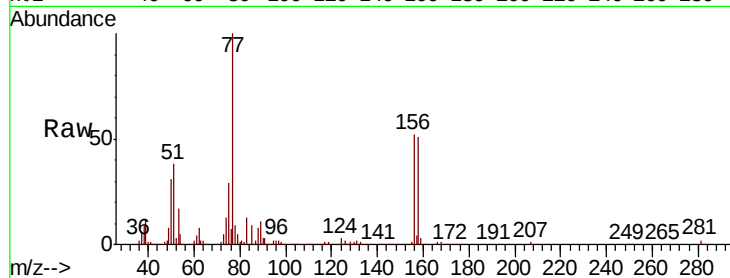
Tot Ion:156 Resp: 273138

Ion Ratio Lower Upper

156 100

77 231.3 115.8 347.3

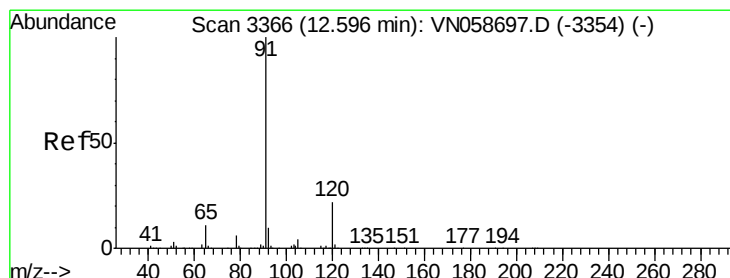
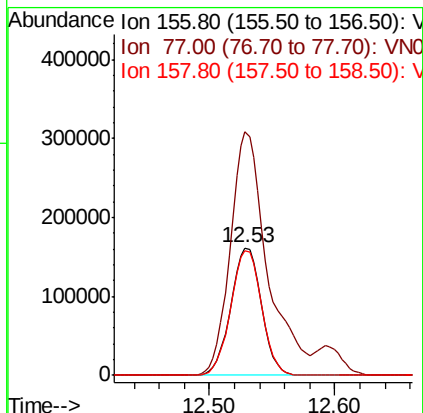
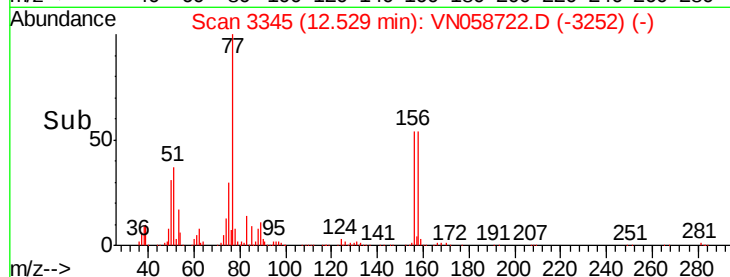
158 98.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.243 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058722.D

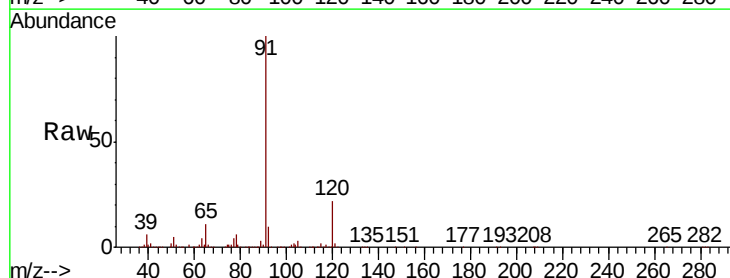
Acq: 11 Oct 2019 23:20

Tgt Ion: 91 Resp: 1386456

Ion Ratio Lower Upper

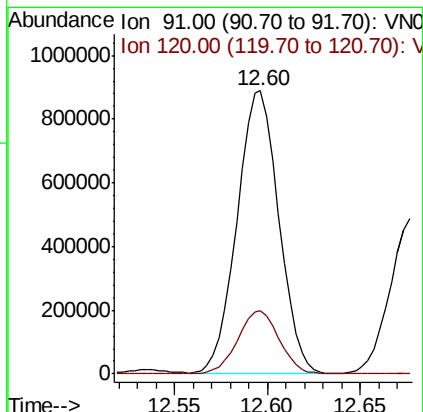
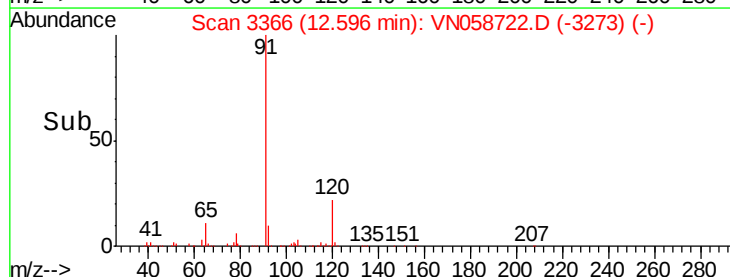
91 100

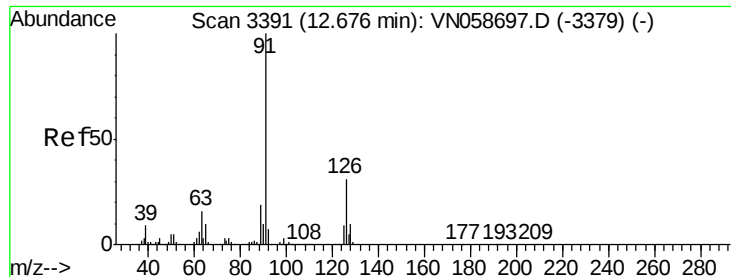
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.413 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

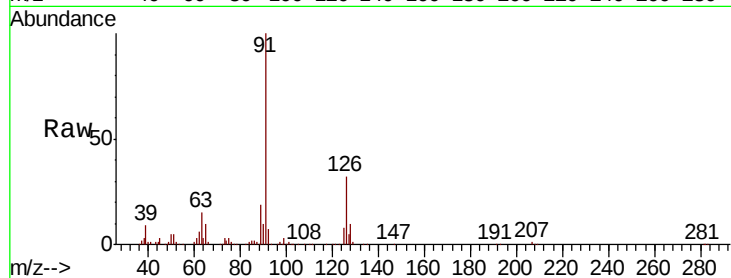
ClientSampleId :

Tot Ion: 91 Resp: 814797

Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN058722.D (-3391) (-)

Ion 125.90 (125.60 to 126.60): VN058722.D (-3391) (-)

800000

600000

400000

200000

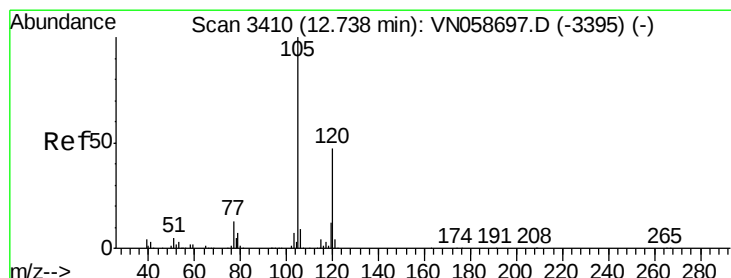
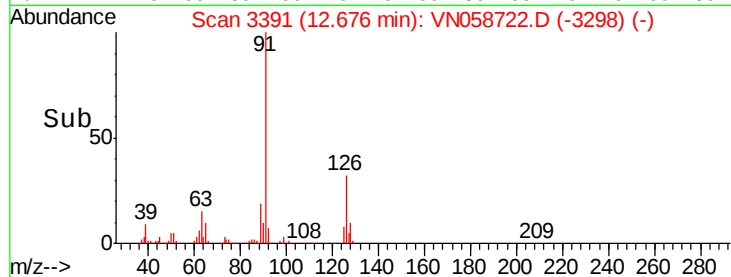
0

12.65

12.68

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.678 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058722.D

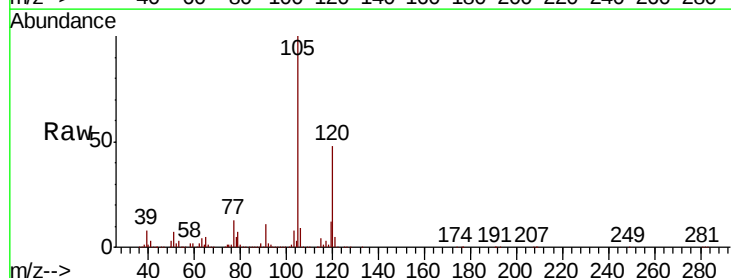
Acq: 11 Oct 2019 23:20

Tgt Ion: 105 Resp: 1005016

Ion Ratio Lower Upper

105 100

120 47.6 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN058722.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN058722.D (-3410) (-)

600000

400000

200000

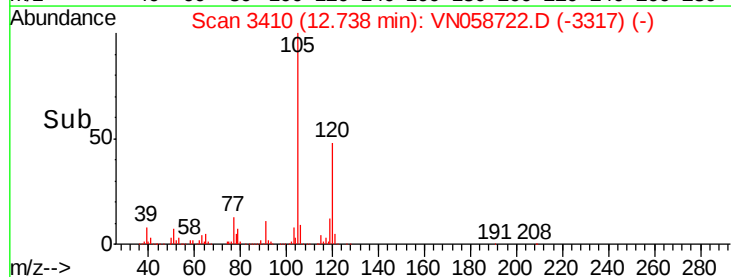
0

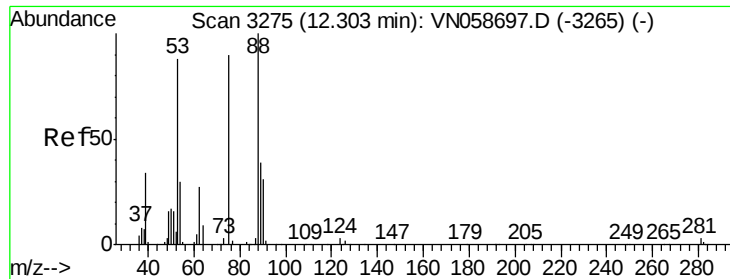
12.70

12.74

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.083 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

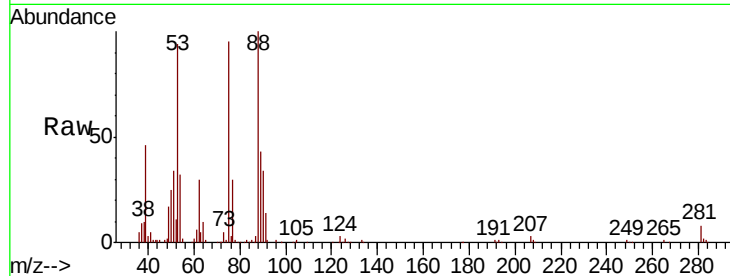
Tot Ion: 75 Resp: 124034

Ion Ratio Lower Upper

75 100

53 100.4 78.4 117.6

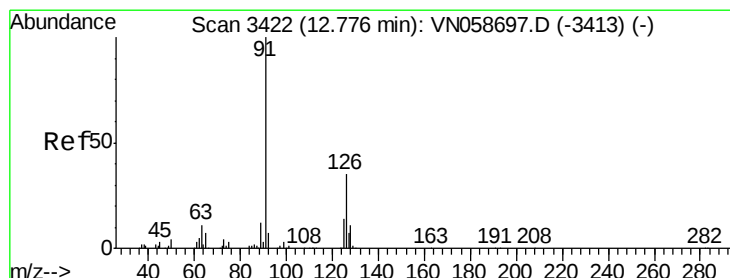
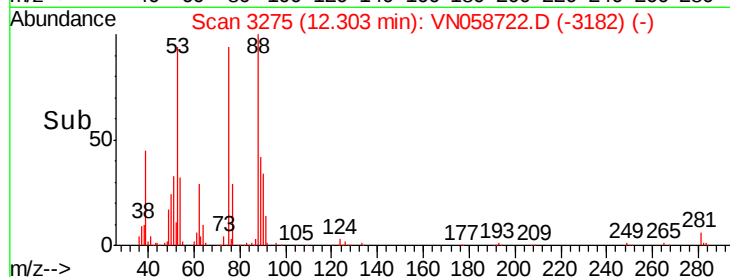
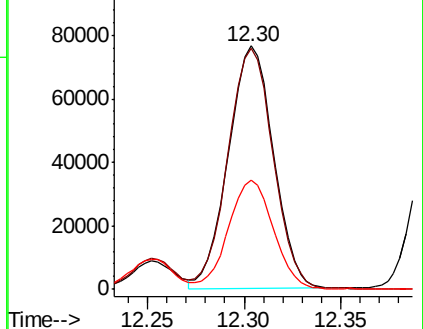
89 44.5 34.9 52.3



Abundance Ion 74.90 (74.60 to 75.60): VN058697.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN058697.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN058697.D (-3265) (-)



#82

4-Chlorotoluene

Concen: 50.517 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN058722.D

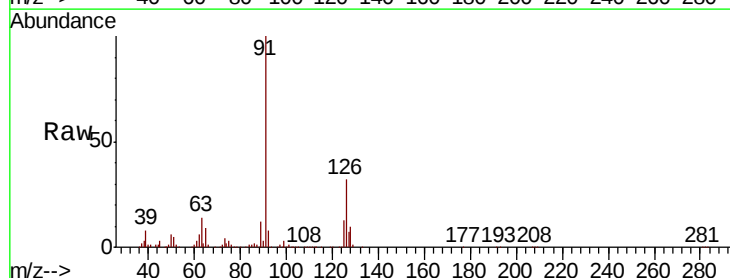
Acq: 11 Oct 2019 23:20

Tgt Ion: 91 Resp: 837836

Ion Ratio Lower Upper

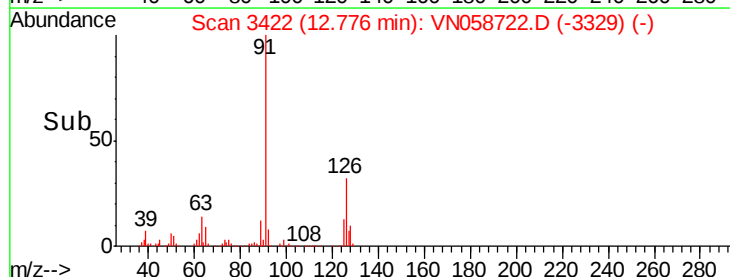
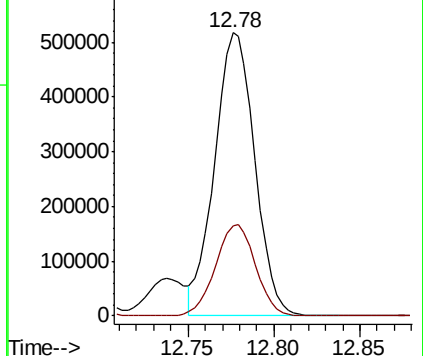
91 100

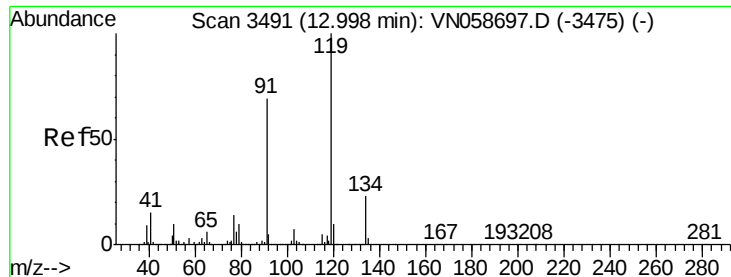
126 32.4 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN058697.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN058697.D (-3413) (-)

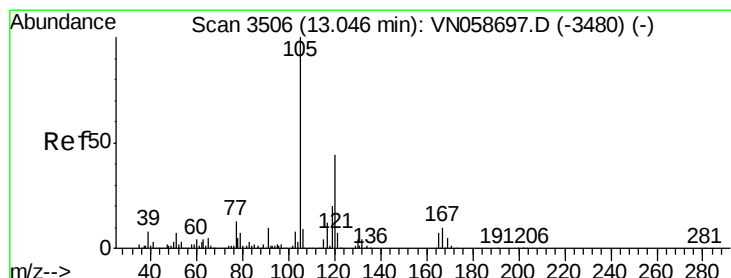
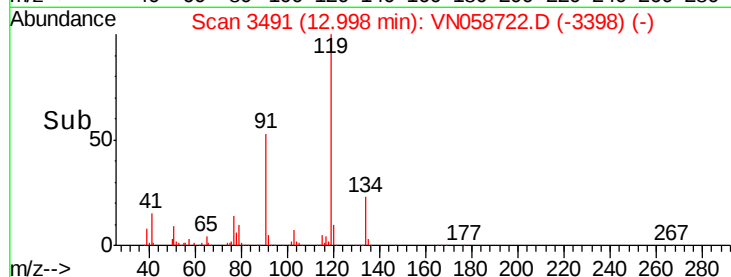
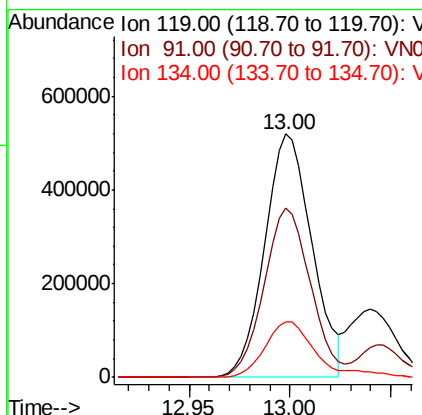
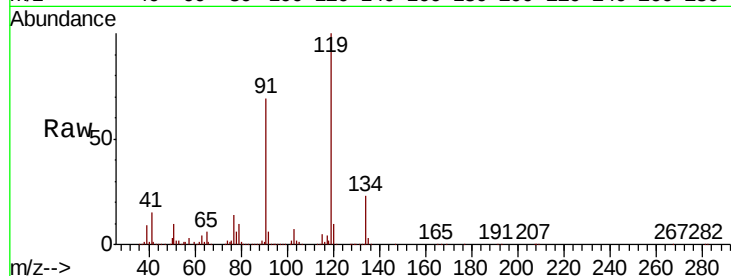




#83
 tert-Butylbenzene
 Concen: 51.690 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

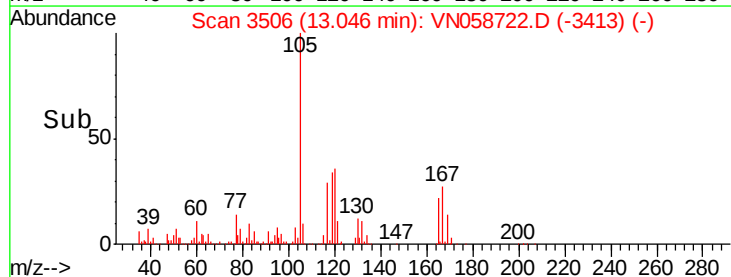
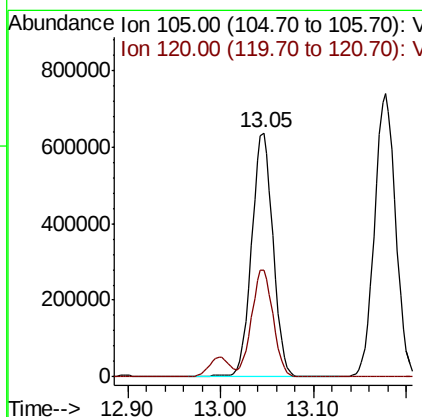
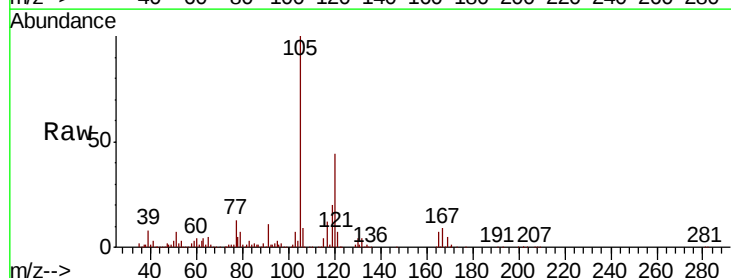
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 844830
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.8 101.3
 134 24.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.582 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Tgt Ion:105 Resp: 1014828
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.7





#85

sec-Butylbenzene

Concen: 53.885 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

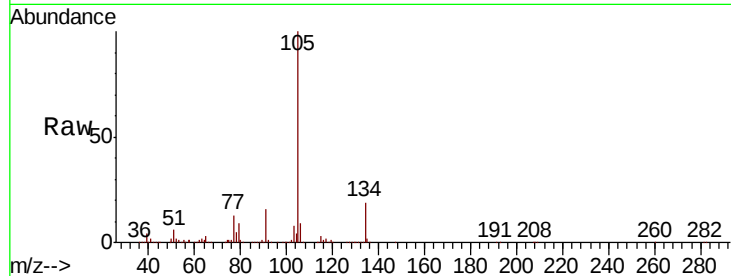
ClientSampled :

Tot Ion:105 Resp: 1160467

Ion Ratio Lower Upper

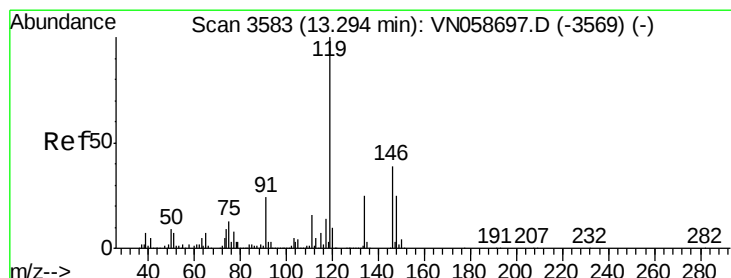
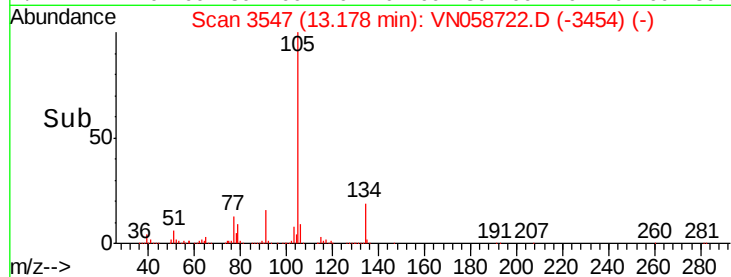
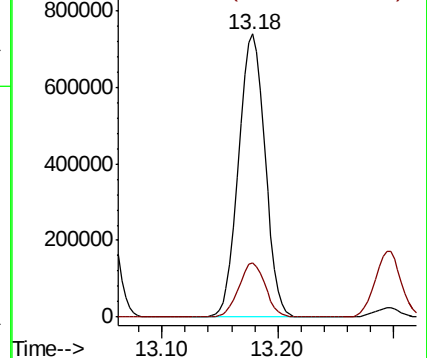
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.435 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

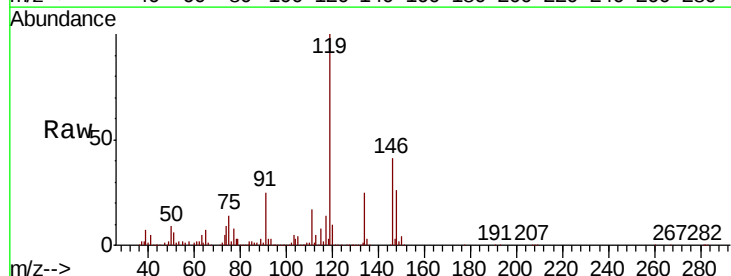
Tgt Ion:119 Resp: 1045890

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

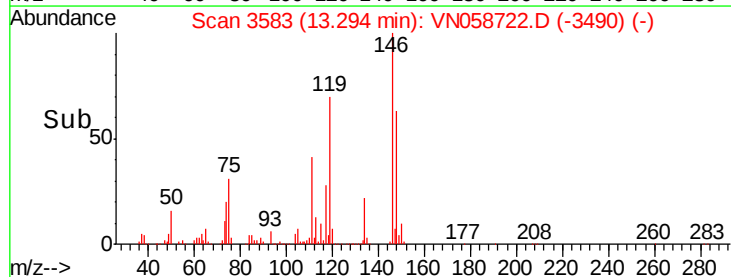
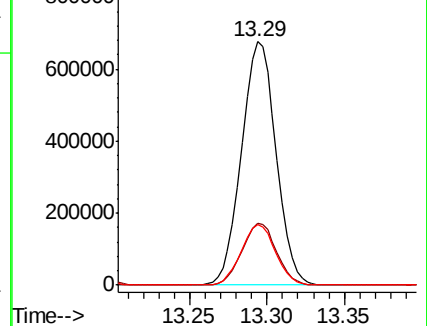
91 24.5 11.9 35.5

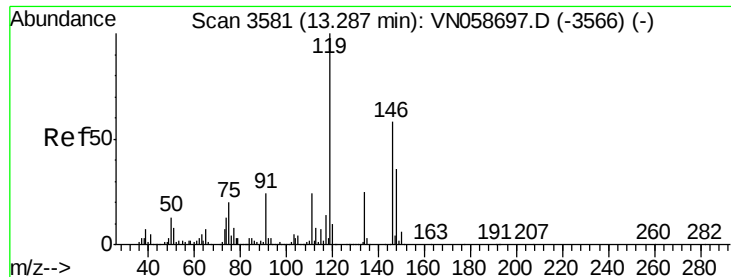


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.662 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN058722.D

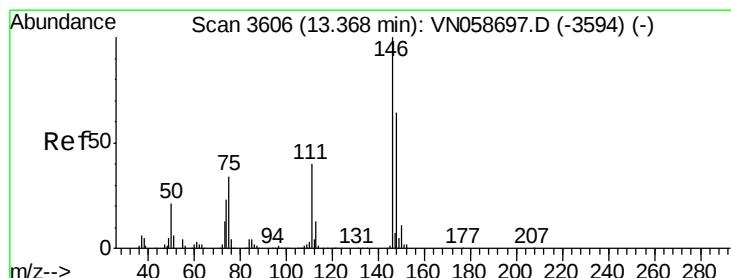
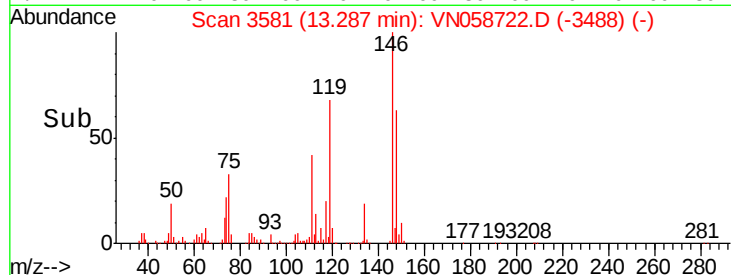
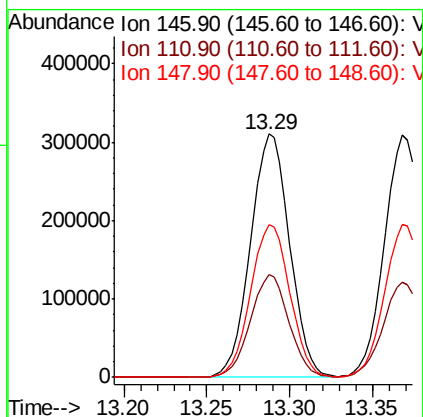
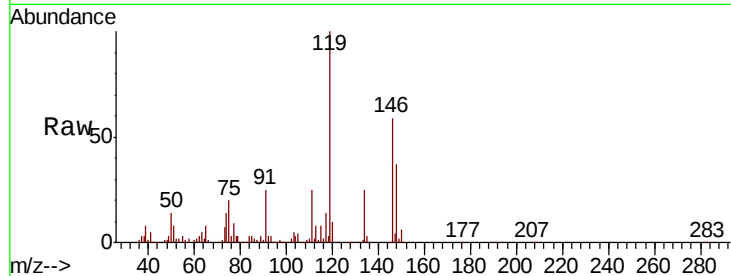
Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	507849
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.6
148	63.3	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 49.484 ug/l

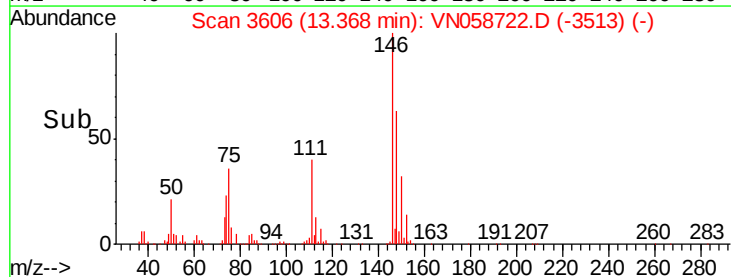
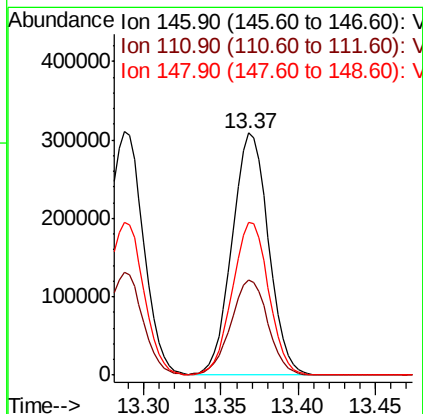
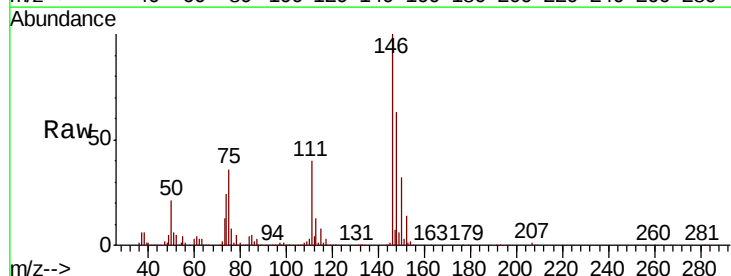
RT: 13.37 min Scan# 3606

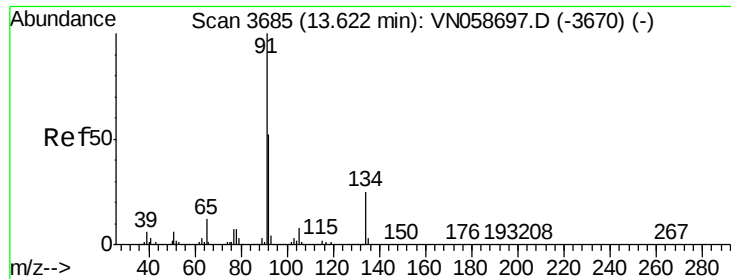
Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Tgt Ion:	146	Resp:	504334
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.3	31.9	95.7





#89

n-Butylbenzene

Concen: 52.336 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

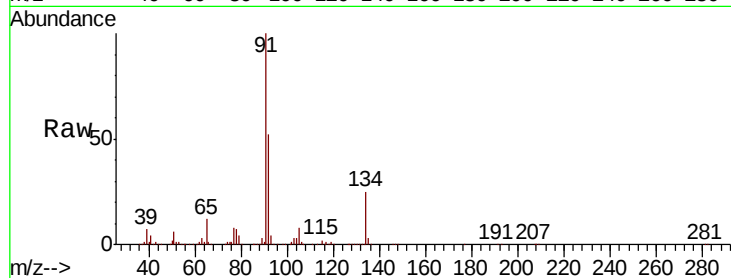
Tot Ion: 91 Resp: 947205

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

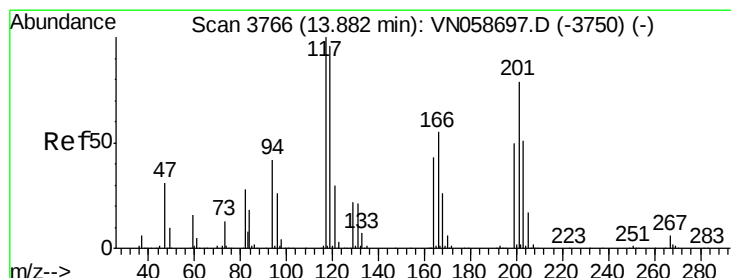
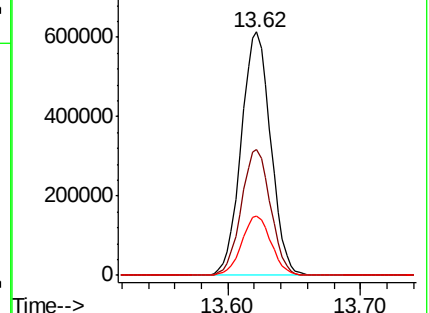
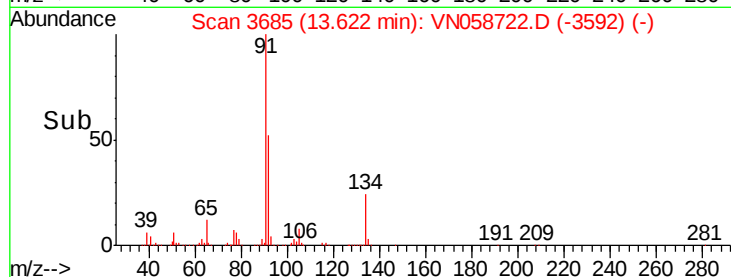
134 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN058722.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN058722.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN058722.D (-3670) (-)



#90

Hexachloroethane

Concen: 53.073 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058722.D

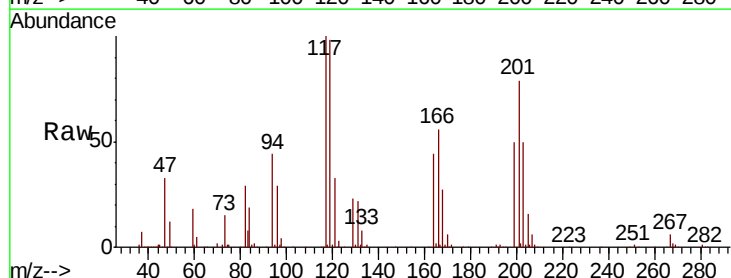
Acq: 11 Oct 2019 23:20

Tgt Ion: 117 Resp: 185876

Ion Ratio Lower Upper

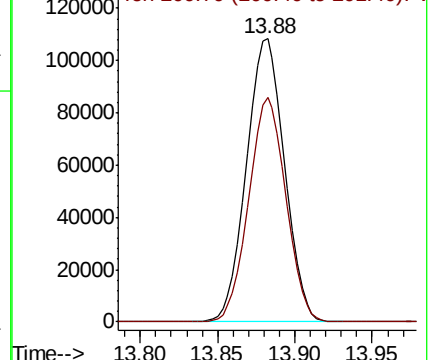
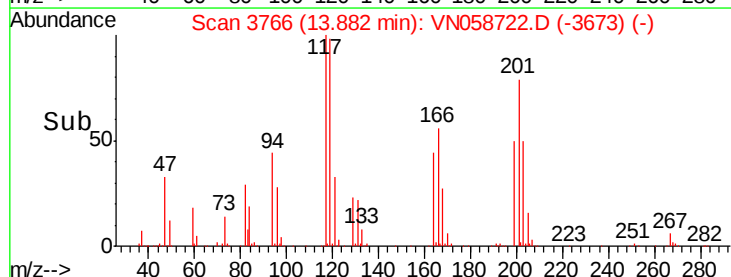
117 100

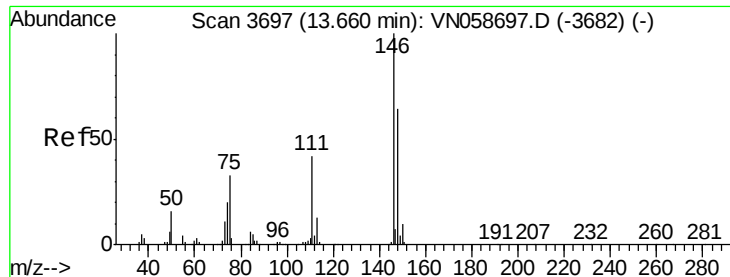
201 77.4 39.6 118.7



Abundance Ion 116.80 (116.50 to 117.50): VN058722.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN058722.D (-3750) (-)

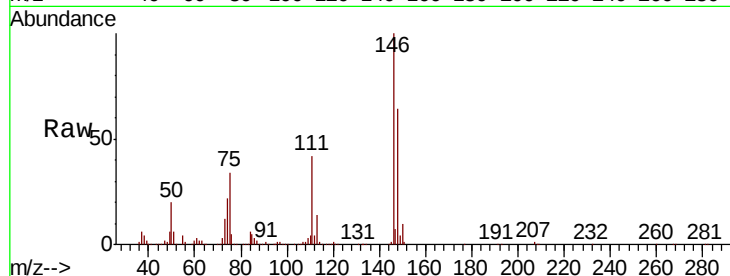




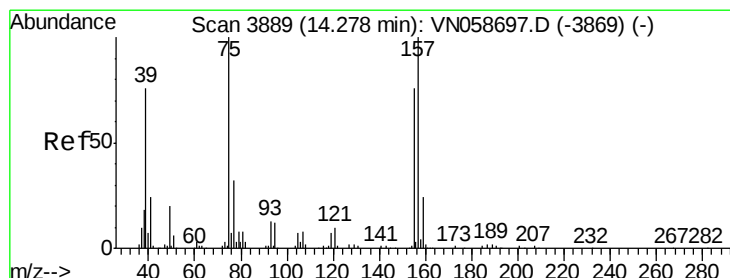
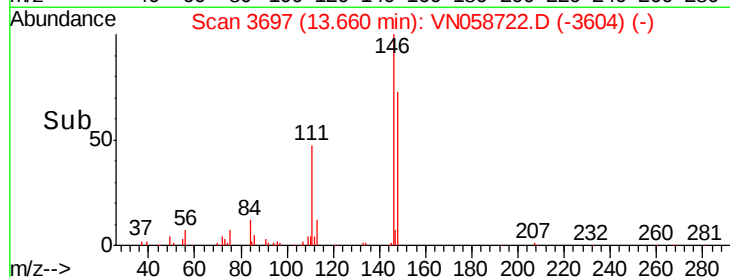
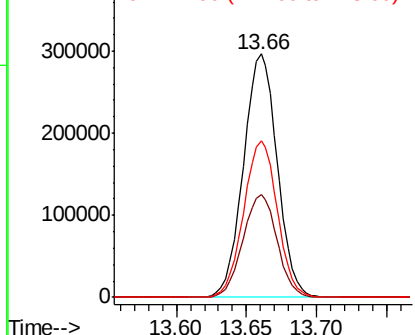
#91
 1,2-Dichlorobenzene
 Concen: 50.869 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.4
148	64.3	31.8	95.3

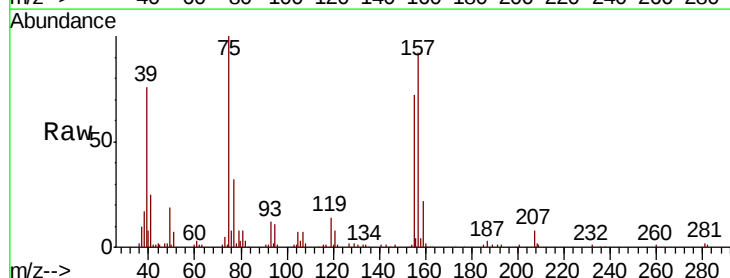


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

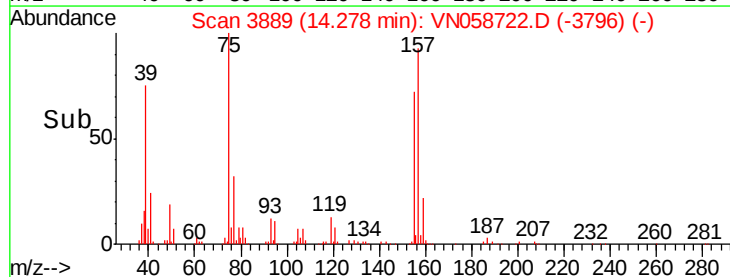
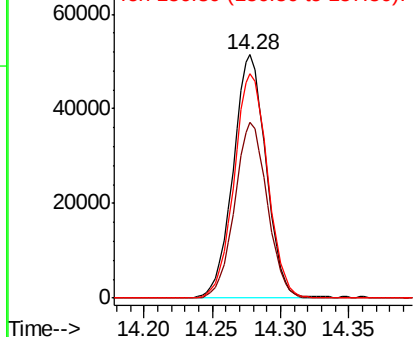


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.053 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	37.9	113.6
157	93.6	49.4	148.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

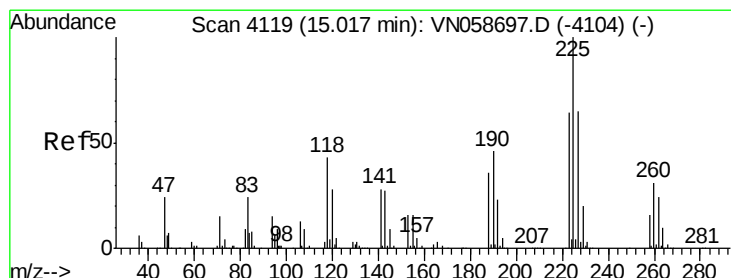
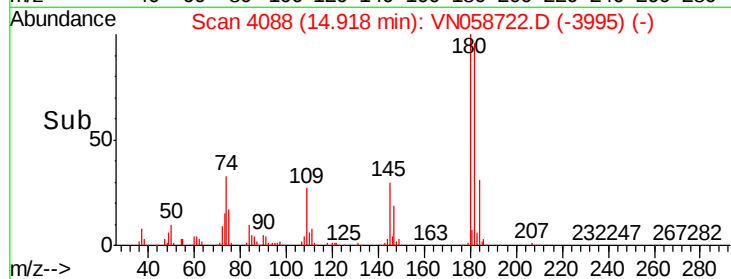
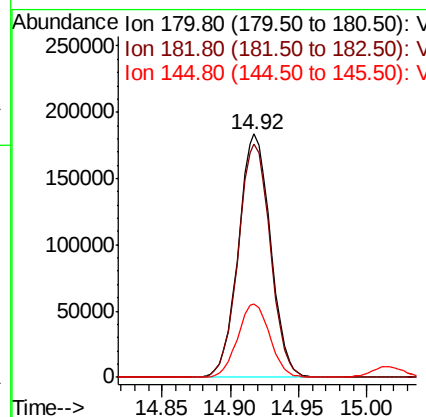
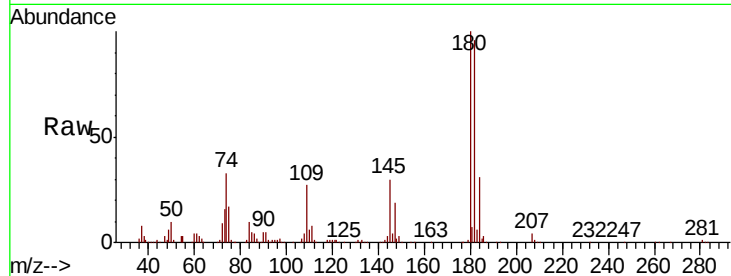




#93
 1,2,4-Trichlorobenzene
 Concen: 50.205 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

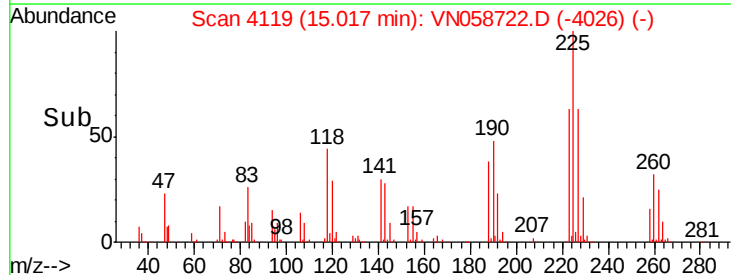
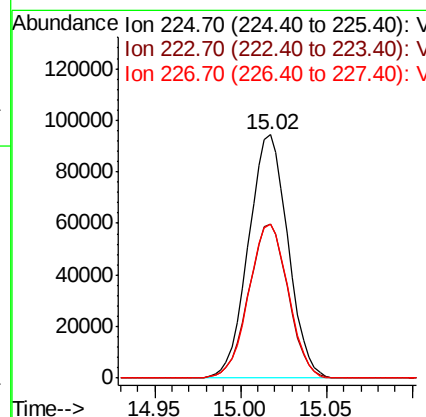
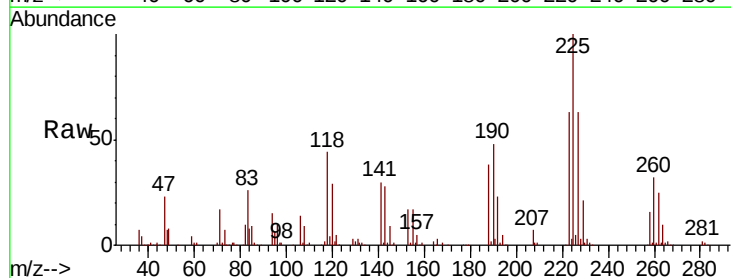
Instrument :
 MSVOA_N
 ClientSampled :

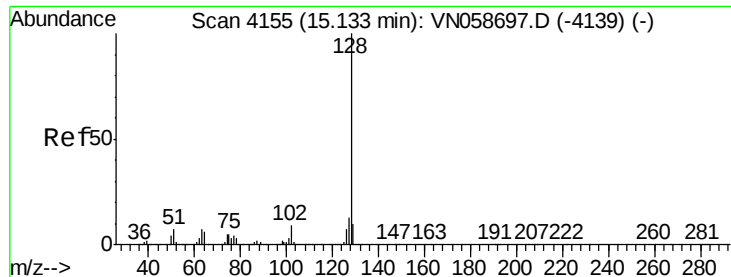
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	30.3	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 47.862 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058722.D
 Acq: 11 Oct 2019 23:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.3	96.8
227	63.3	32.4	97.0





#95

Naphthalene

Concen: 51.364 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

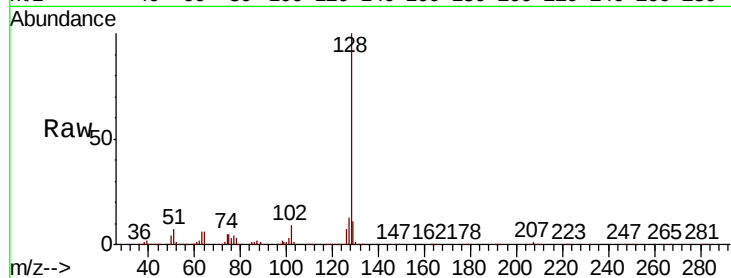
Tot Ion:128 Resp: 879787

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

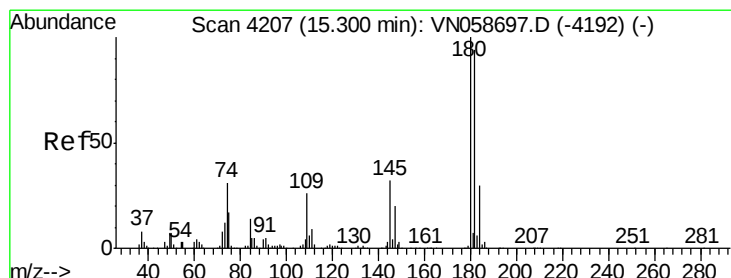
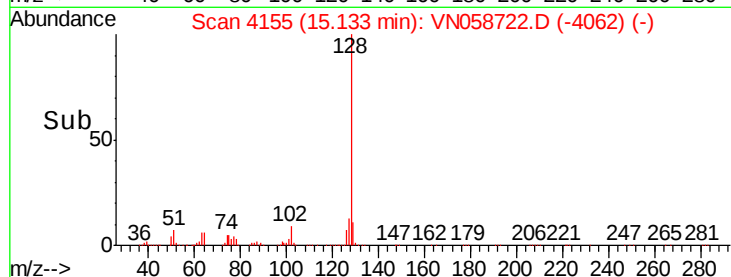
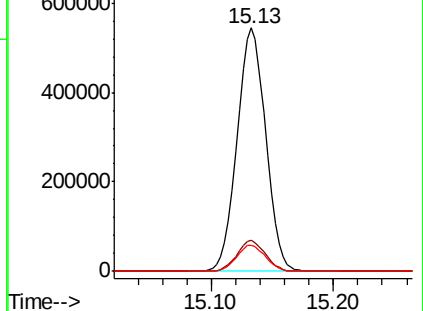
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.438 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058722.D

Acq: 11 Oct 2019 23:20

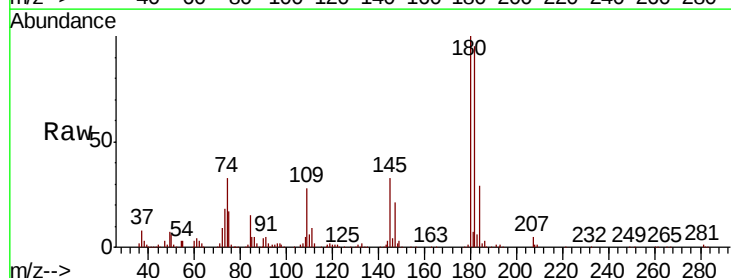
Tgt Ion:180 Resp: 287664

Ion Ratio Lower Upper

180 100

182 94.8 47.3 142.0

145 32.3 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

