

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059436.D
 Acq On : 29 Nov 2019 10:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 29 22:24:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	382201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	590209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	527099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245912	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	220409	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	7.57	113	183341	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	10.08	98	722002	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	255353	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	201922	44.887	ug/l	99
3) Chloromethane	2.04	50	239063	43.507	ug/l	98
4) Vinyl Chloride	2.17	62	230948	43.738	ug/l	99
5) Bromomethane	2.55	94	135060	42.482	ug/l	99
6) Chloroethane	2.68	64	130351	44.029	ug/l	100
7) Trichlorofluoromethane	3.00	101	272406	43.312	ug/l	97
8) Diethyl Ether	3.38	74	112657	44.012	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	170378	43.985	ug/l	99
10) Methyl Iodide	3.93	142	225648	44.755	ug/l	99
11) Tert butyl alcohol	4.76	59	168263	216.949	ug/l #	85
12) 1,1-Dichloroethene	3.71	96	168523	44.424	ug/l	99
13) Acrolein	3.58	56	127561	168.485	ug/l	97
14) Allyl chloride	4.29	41	307499	43.706	ug/l	99
15) Acrylonitrile	4.95	53	468642	216.845	ug/l	100
16) Acetone	3.79	43	563603	264.245	ug/l	99
17) Carbon Disulfide	4.03	76	541544	41.600	ug/l	99
18) Methyl Acetate	4.29	43	232031	39.948	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	552977	45.236	ug/l	98
20) Methylene Chloride	4.52	84	185594	42.824	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	181474	43.908	ug/l	100
22) Diisopropyl ether	5.92	45	593885	45.424	ug/l	100
23) Vinyl Acetate	5.86	43	2443995	231.705	ug/l	99
24) 1,1-Dichloroethane	5.82	63	337740	44.897	ug/l	99
25) 2-Butanone	6.81	43	682131	232.477	ug/l	100
26) 2,2-Dichloropropane	6.80	77	286248	44.714	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	201224	44.516	ug/l	100
28) Bromochloromethane	7.17	49	170528	52.905	ug/l	98
29) Tetrahydrofuran	7.18	42	420649	215.555	ug/l	99
30) Chloroform	7.35	83	332534	43.929	ug/l	99
31) Cyclohexane	7.63	56	321534	42.637	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	275124	44.444	ug/l	100
36) 1,1-Dichloropropene	7.77	75	255709	45.053	ug/l	99
37) Ethyl Acetate	6.90	43	258006	42.965	ug/l	98
38) Carbon Tetrachloride	7.75	117	244924	45.725	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	312880	46.078	ug/l	99
40) Benzene	8.02	78	756784	44.907	ug/l	99
41) Methacrylonitrile	7.18	41	359767	128.663	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	242348	45.353	ug/l	100
43) Isopropyl Acetate	8.14	43	410221	44.968	ug/l	99
44) Trichloroethene	8.82	130	195557	45.510	ug/l	99
45) 1,2-Dichloropropane	9.10	63	201826	45.787	ug/l	99
46) Dibromomethane	9.19	93	121712	44.744	ug/l	99
47) Bromodichloromethane	9.39	83	249669	45.380	ug/l	97
48) Methyl methacrylate	9.18	41	181504	44.846	ug/l	99
49) 1,4-Dioxane	9.19	88	61296	1036.972	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1221497	230.844	ug/l	100
52) Toluene	10.15	92	459776	45.667	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	290138	45.894	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	318994	46.742	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	176608	44.817	ug/l	100
56) Ethyl methacrylate	10.42	69	271932	49.222	ug/l	99
57) 1,3-Dichloropropane	10.70	76	308235	45.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	347881	206.035	ug/l	99
59) 2-Hexanone	10.74	43	928692	236.687	ug/l	100
60) Dibromochloromethane	10.90	129	194156	47.200	ug/l	99
61) 1,2-Dibromoethane	11.00	107	182070	45.088	ug/l	100
64) Tetrachloroethene	10.63	164	174476	44.752	ug/l	98
65) Chlorobenzene	11.43	112	479581	44.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	177975	45.992	ug/l	100
67) Ethyl Benzene	11.51	91	871425	46.493	ug/l	100
68) m/p-Xylenes	11.62	106	646818	92.430	ug/l	100
69) o-Xylene	11.95	106	306178	45.622	ug/l	98
70) Styrene	11.96	104	499129	49.569	ug/l	100
71) Bromoform	12.13	173	136384	46.286	ug/l #	100
73) Isopropylbenzene	12.25	105	828643	45.486	ug/l	99
74) N-amyl acetate	12.07	43	317215	49.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	258815	43.565	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	344481	61.921	ug/l #	100
77) Bromobenzene	12.53	156	202341	45.366	ug/l	99
78) n-propylbenzene	12.59	91	968054	46.113	ug/l	100
79) 2-Chlorotoluene	12.67	91	563945	44.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	702589	45.881	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	96005	44.342	ug/l	99
82) 4-Chlorotoluene	12.77	91	583052	45.150	ug/l	100
83) tert-Butylbenzene	12.99	119	595552	45.292	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	694587	46.302	ug/l	100
85) sec-Butylbenzene	13.17	105	801222	45.885	ug/l	100
86) p-Isopropyltoluene	13.29	119	725672	45.969	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	354415	44.838	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	347351	43.772	ug/l	99
89) n-Butylbenzene	13.62	91	628950	45.578	ug/l	100
90) Hexachloroethane	13.88	117	132559	43.934	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	340944	44.020	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48603	47.851	ug/l	99

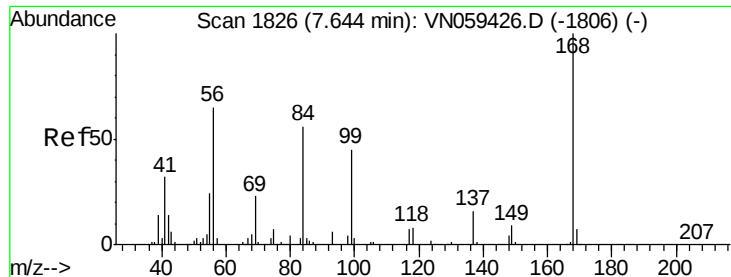
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	202370	42.034	ug/l	100
94) Hexachlorobutadiene	15.01	225	124297	42.128	ug/l	100
95) Naphthalene	15.13	128	518889	48.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	202025	49.528	ug/l	99

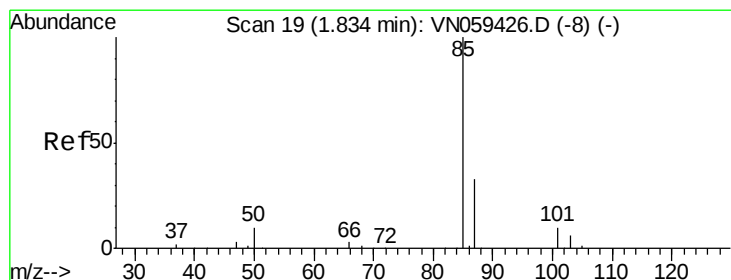
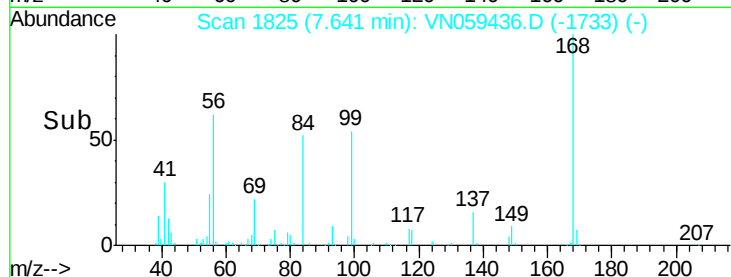
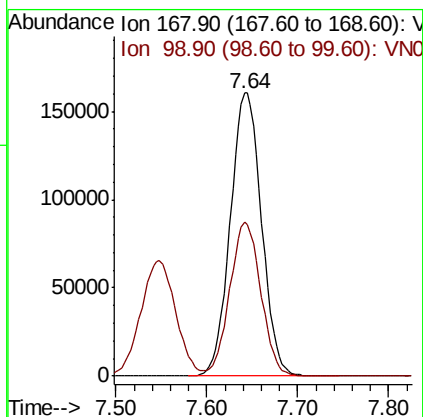
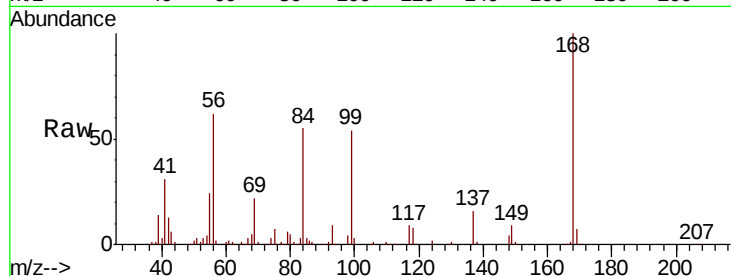
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

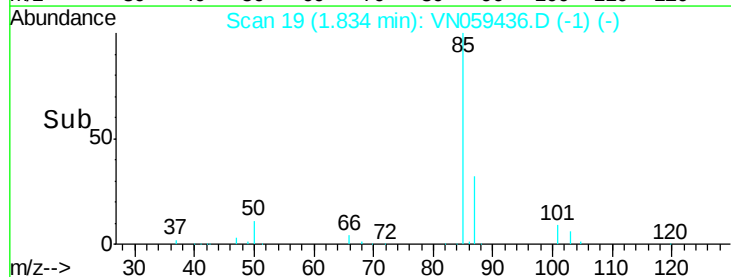
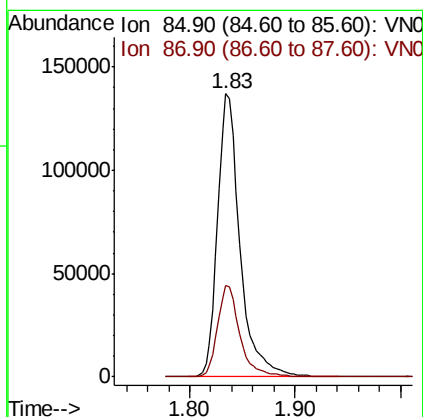
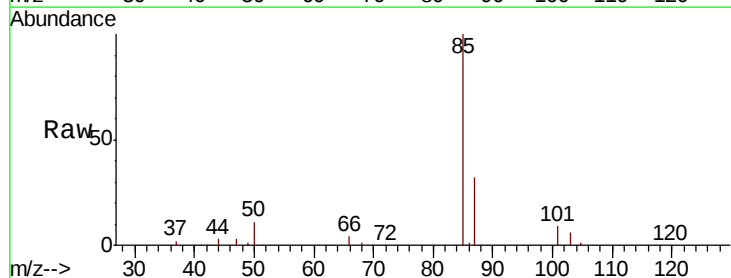
Instrument :
MSVOA_N
ClientSampleId :

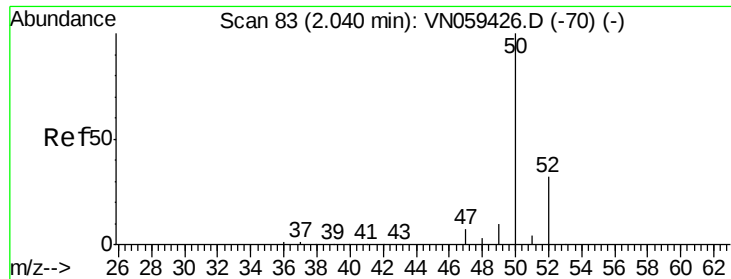
Tot Ion:168 Resp: 382201
Ion Ratio Lower Upper
168 100
99 54.4 43.0 64.4



#2
Dichlorodifluoromethane
Concen: 44.887 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 85 Resp: 201922
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.2





#3

Chloromethane

Concen: 43.507 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

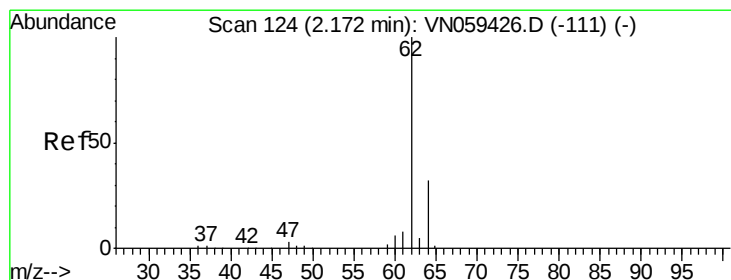
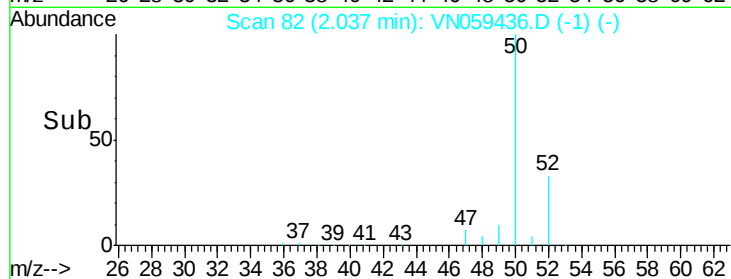
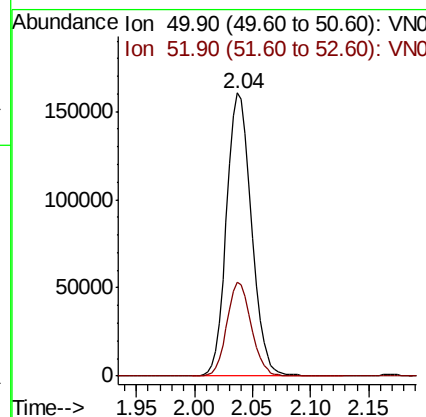
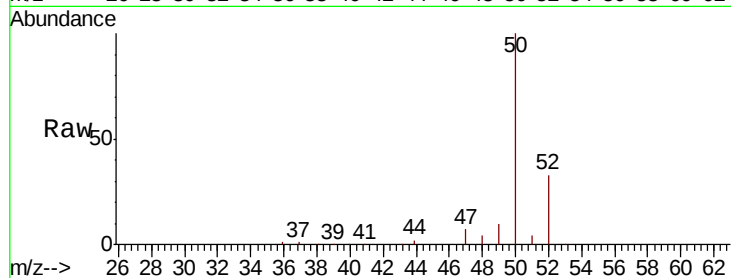
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 239063

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 43.738 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059436.D

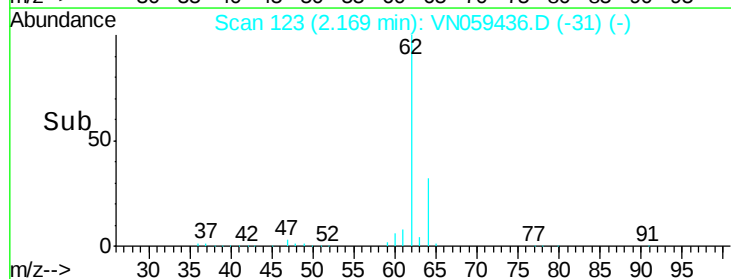
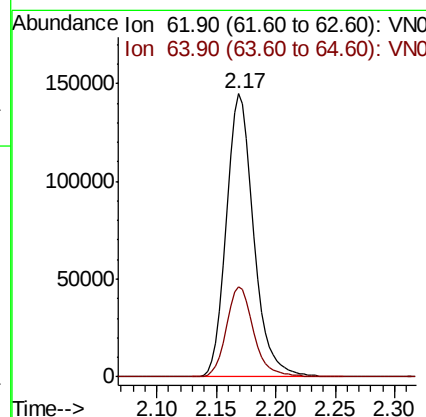
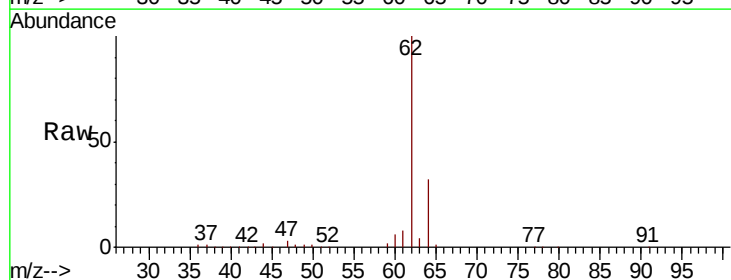
Acq: 29 Nov 2019 10:12

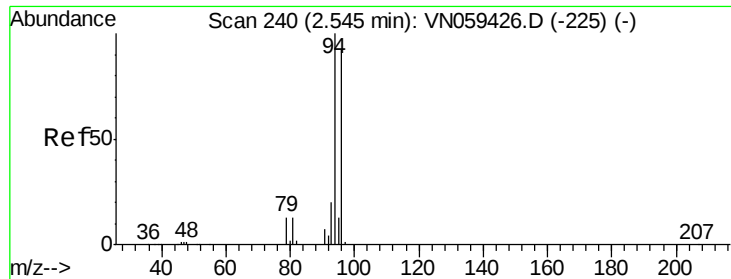
Tgt Ion: 62 Resp: 230948

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 42.482 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

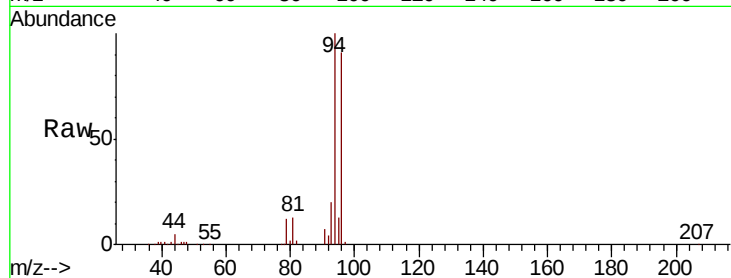
ClientSampleId :

Tot Ion: 94 Resp: 135060

Ion Ratio Lower Upper

94 100

96 91.0 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

80000

60000

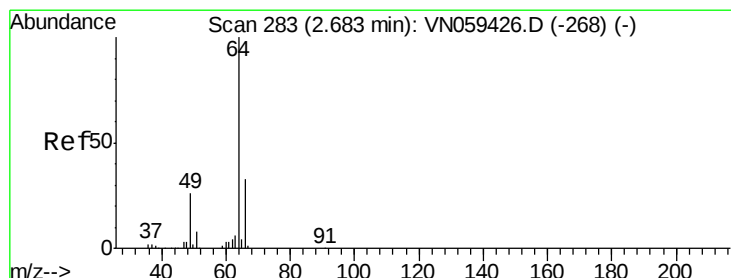
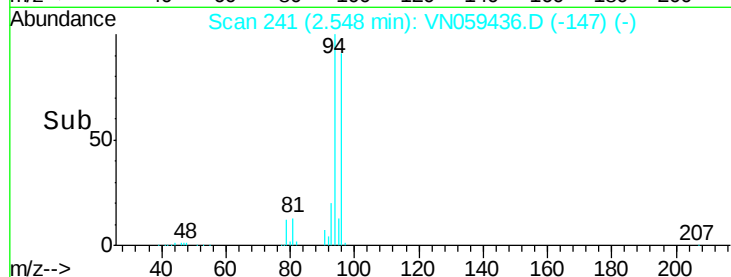
40000

20000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 44.029 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059436.D

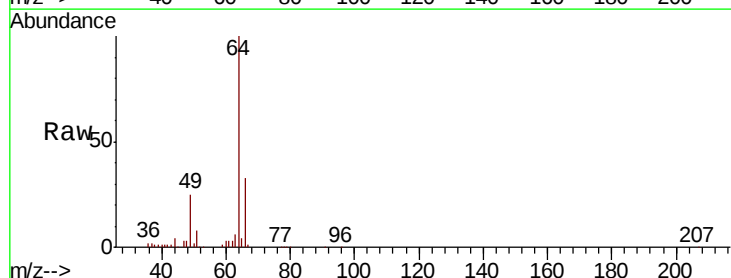
Acq: 29 Nov 2019 10:12

Tgt Ion: 64 Resp: 130351

Ion Ratio Lower Upper

64 100

66 33.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

60000

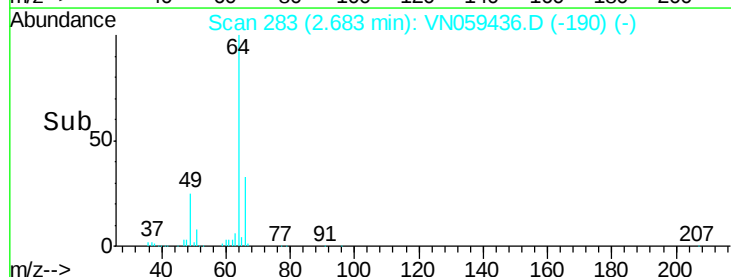
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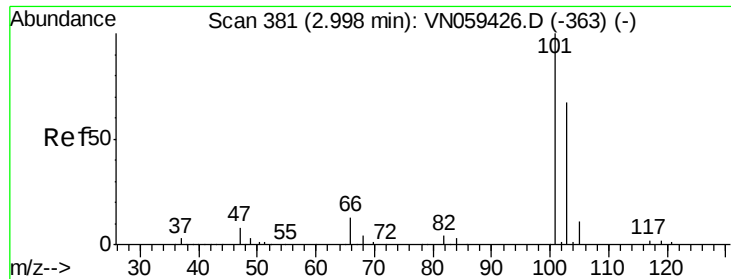
20000

0

Time-->

2.60 2.70 2.80



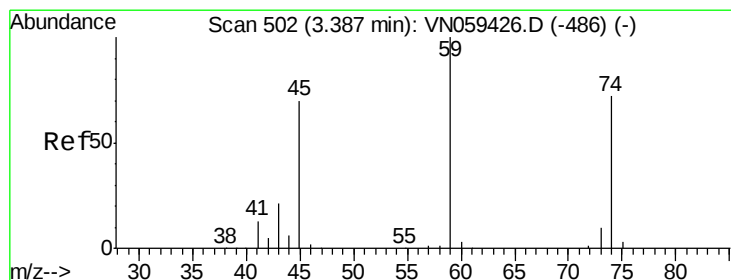
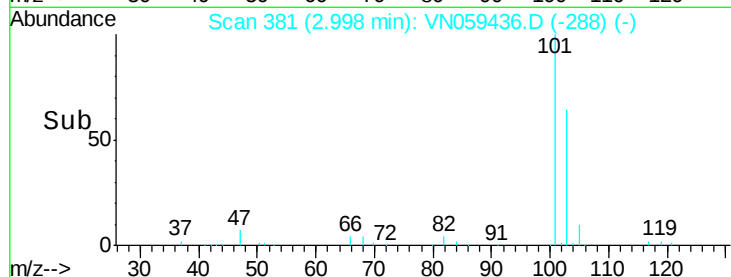
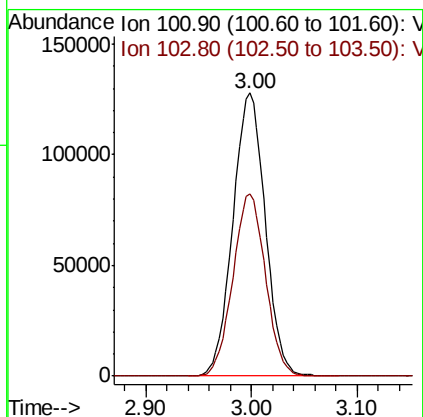
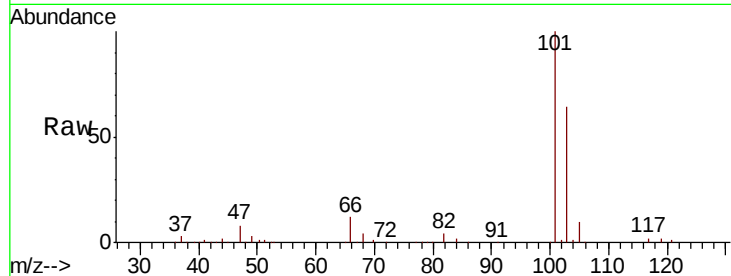


#7

Trichlorofluoromethane
 Concen: 43.312 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Instrument :
 MSVOA_N
 ClientSampleId :

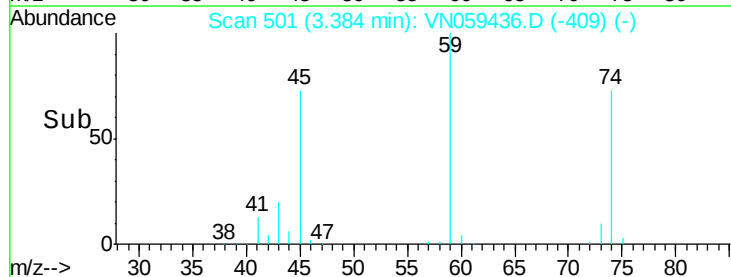
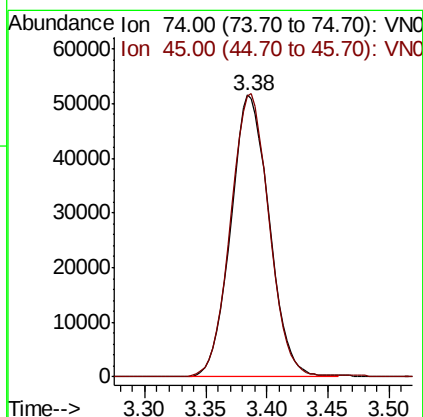
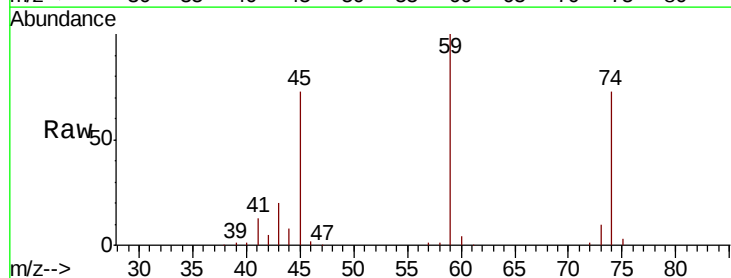
Tot Ion:101 Resp: 272406
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.6 80.4

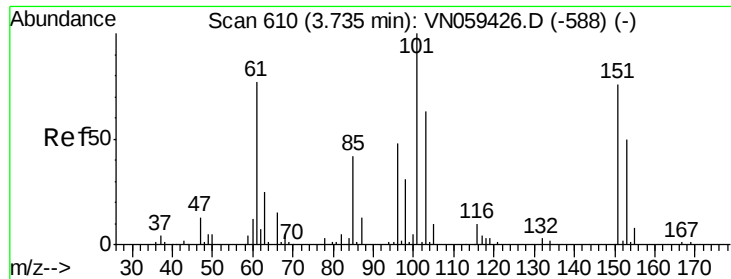


#8

Diethyl Ether
 Concen: 44.012 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Tgt Ion: 74 Resp: 112657
 Ion Ratio Lower Upper
 74 100
 45 100.5 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.985 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :
MSVOA_N
ClientSampleId :

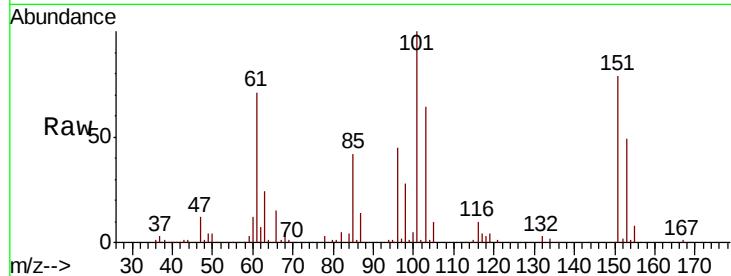
Tot Ion:101 Resp: 170378

Ion Ratio Lower Upper

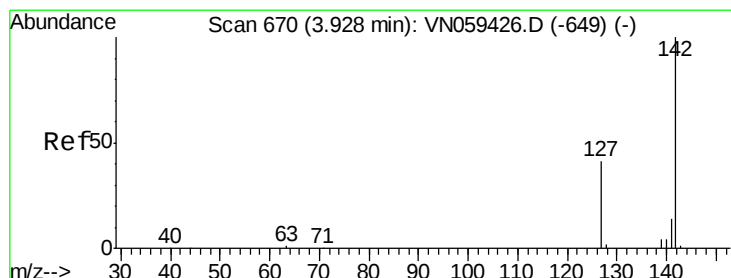
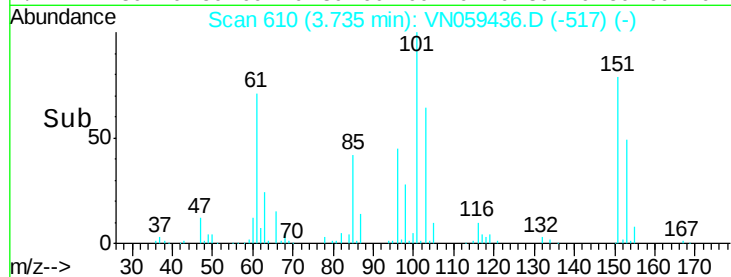
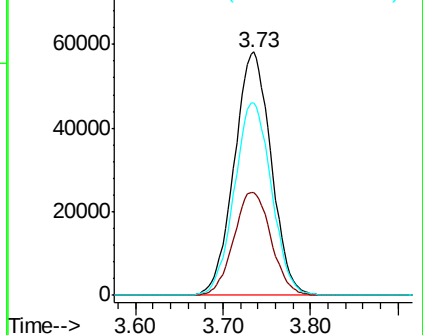
101 100

85 42.8 34.2 51.2

151 79.5 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.755 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

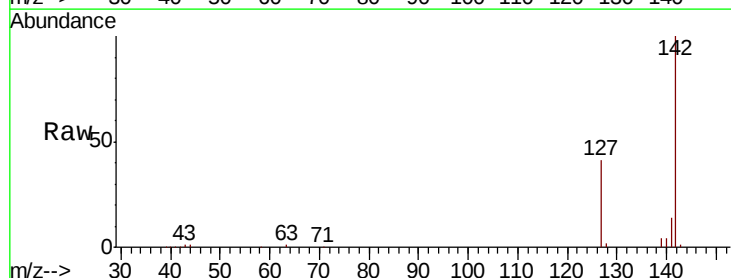
Tgt Ion:142 Resp: 225648

Ion Ratio Lower Upper

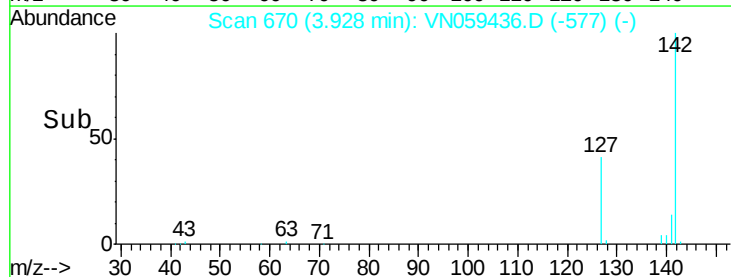
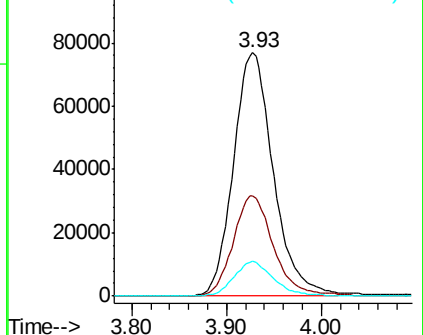
142 100

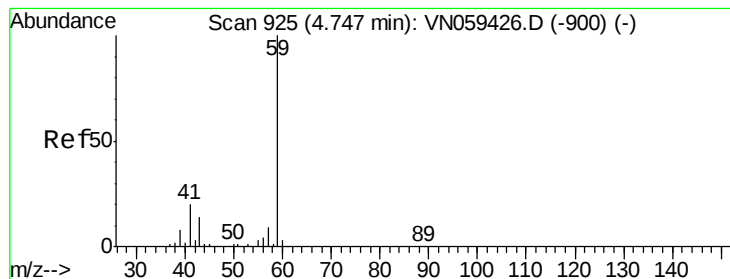
127 41.7 32.6 48.8

141 14.1 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



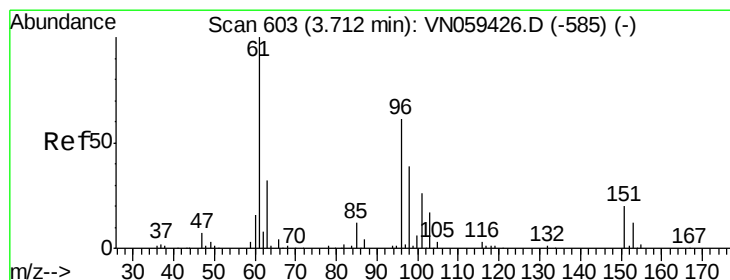
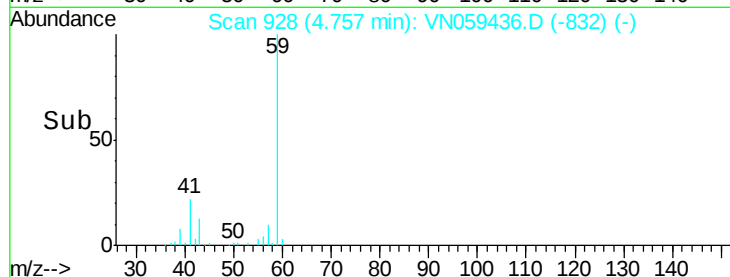
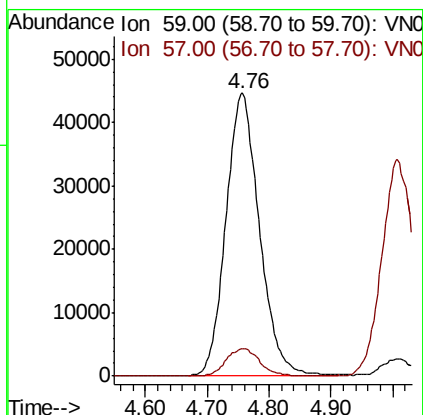
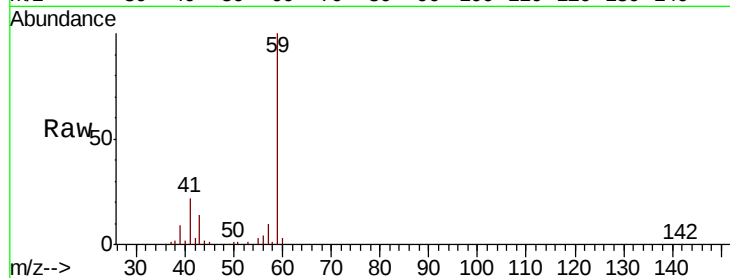


#11

Tert butyl alcohol
Concen: 216.949 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.01 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Instrument :
MSVOA_N
ClientSampleId :

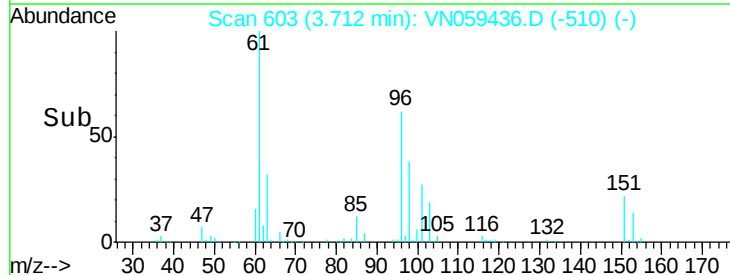
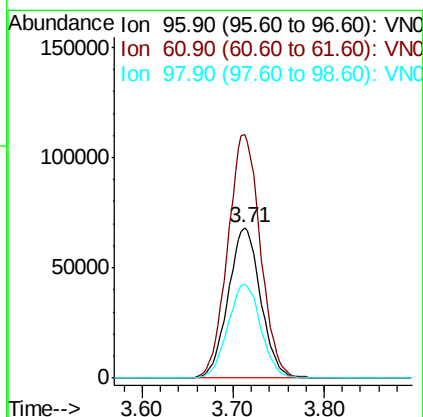
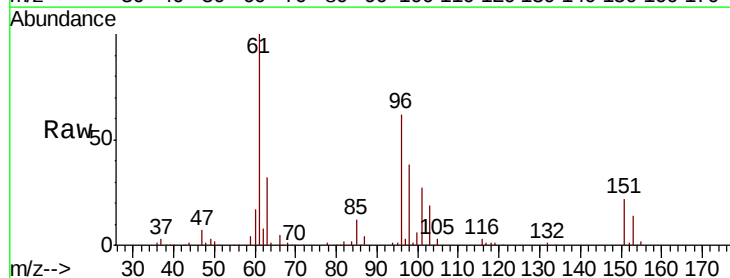
Tot Ion: 59 Resp: 168263
Ion Ratio Lower Upper
59 100
57 9.7 3.8 5.8#

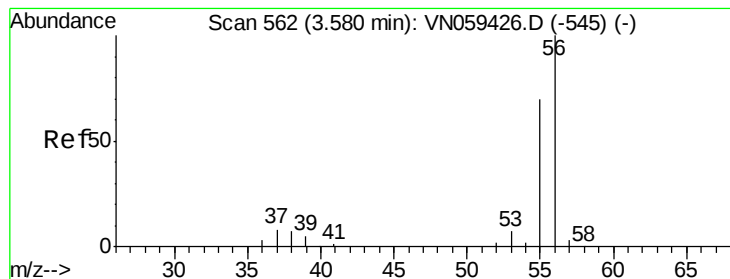


#12

1,1-Dichloroethene
Concen: 44.424 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 96 Resp: 168523
Ion Ratio Lower Upper
96 100
61 162.0 130.5 195.7
98 62.3 51.3 76.9





#13

Acrolein

Concen: 168.485 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

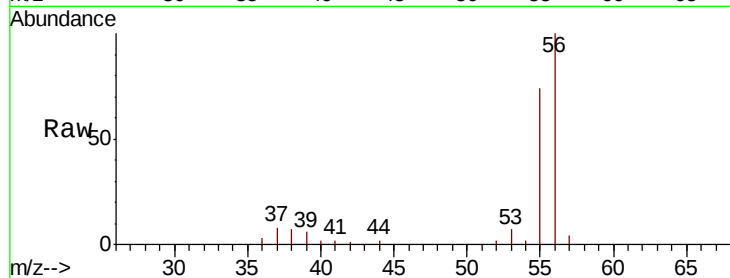
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 127561

Ion Ratio Lower Upper

56 100

55 70.0 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VN059436.D (-469) (-)

Ion 55.00 (54.70 to 55.70): VN059436.D (-469) (-)

60000

50000

40000

30000

20000

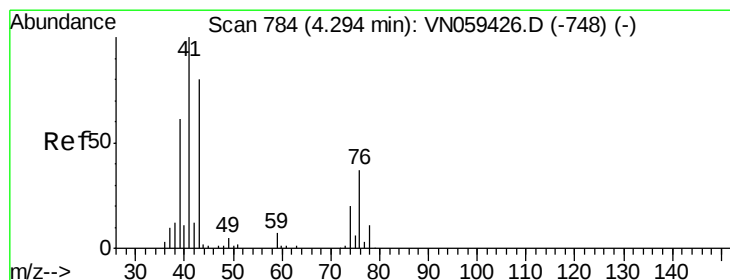
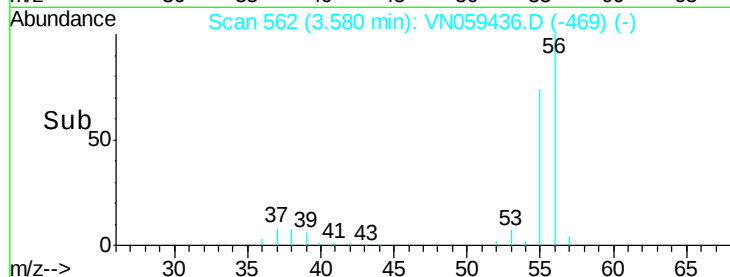
10000

0

Time-->

3.50 3.60 3.70

3.58



#14

Allyl chloride

Concen: 43.706 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

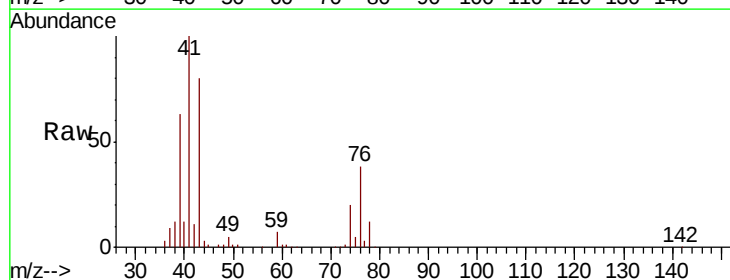
Tgt Ion: 41 Resp: 307499

Ion Ratio Lower Upper

41 100

39 59.1 46.5 69.7

76 34.2 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VN059436.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN059436.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN059436.D (-691) (-)

100000

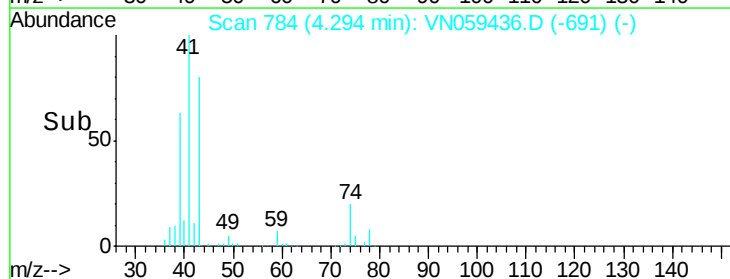
50000

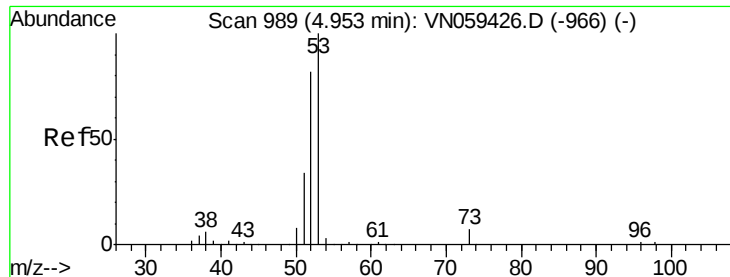
0

Time-->

4.10 4.20 4.30 4.40

4.29





#15

Acrylonitrile

Concen: 216.845 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

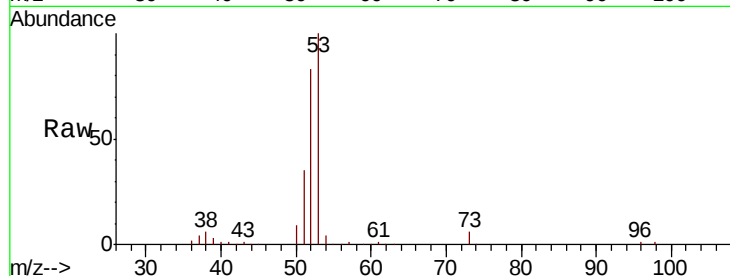
Tot Ion: 53 Resp: 468642

Ion Ratio Lower Upper

53 100

52 81.9 65.1 97.7

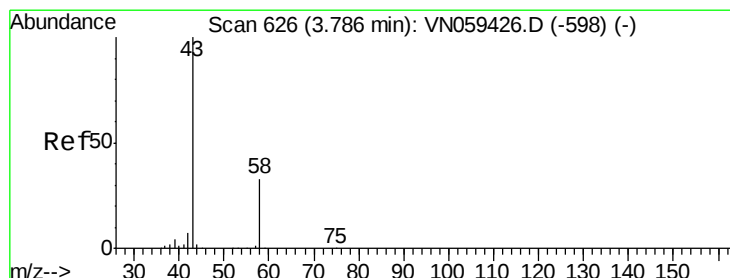
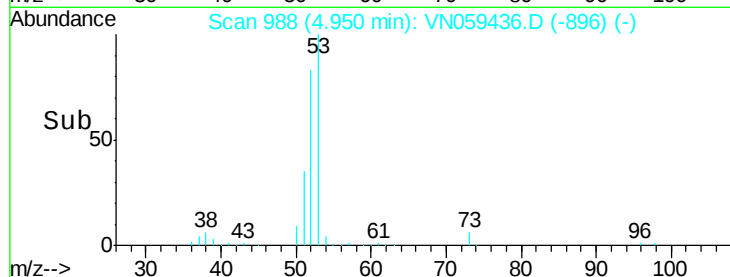
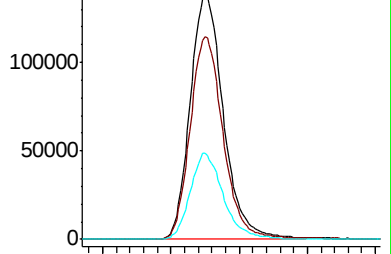
51 35.0 27.8 41.8



Abundance Ion 53.00 (52.70 to 53.70): VN059436.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059436.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059436.D (-966) (-)



#16

Acetone

Concen: 264.245 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059436.D

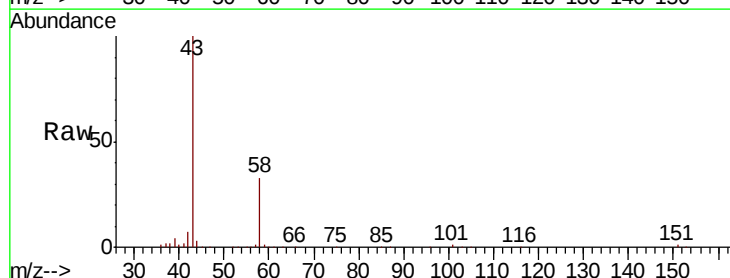
Acq: 29 Nov 2019 10:12

Tgt Ion: 43 Resp: 563603

Ion Ratio Lower Upper

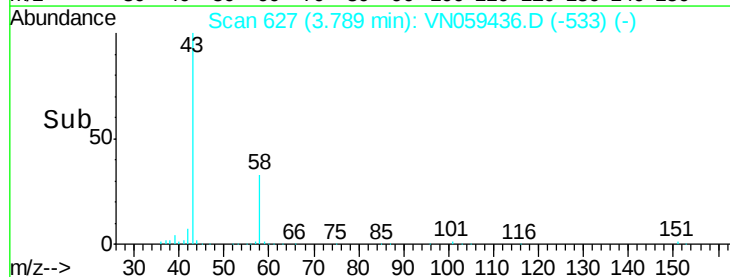
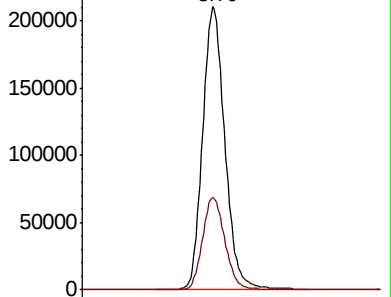
43 100

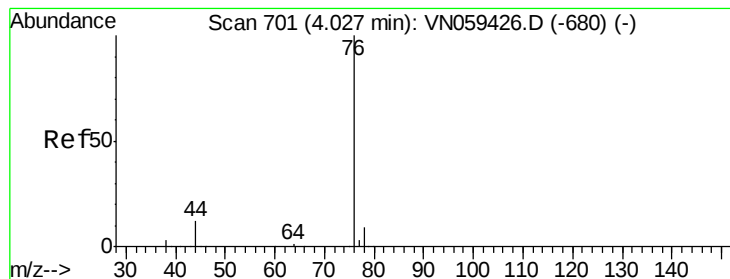
58 32.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN059436.D (-533) (-)

Ion 58.00 (57.70 to 58.70): VN059436.D (-533) (-)





#17

Carbon Disulfide

Concen: 41.600 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

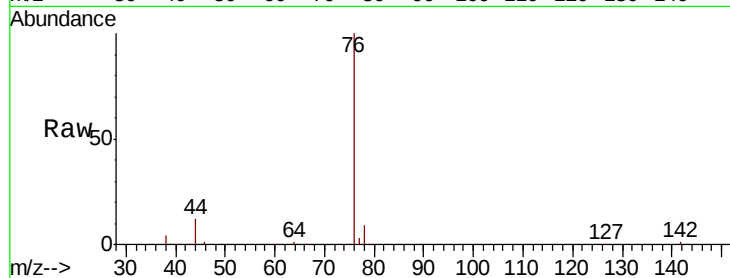
ClientSampled :

Tot Ion: 76 Resp: 541544

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.03

200000

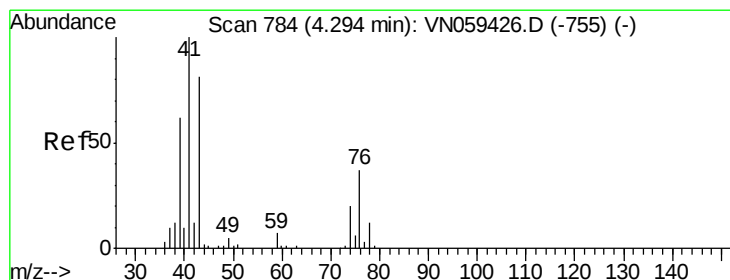
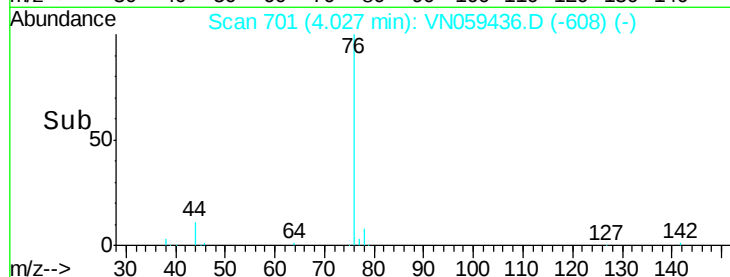
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 39.948 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059436.D

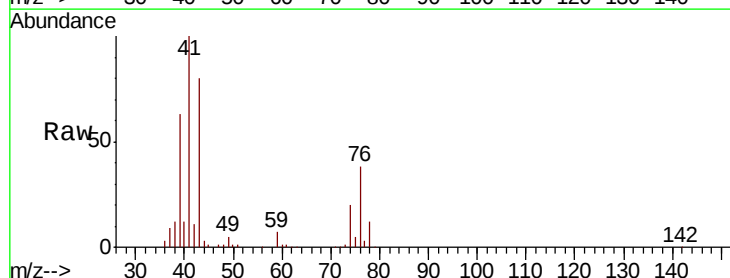
Acq: 29 Nov 2019 10:12

Tgt Ion: 43 Resp: 232031

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.29

80000

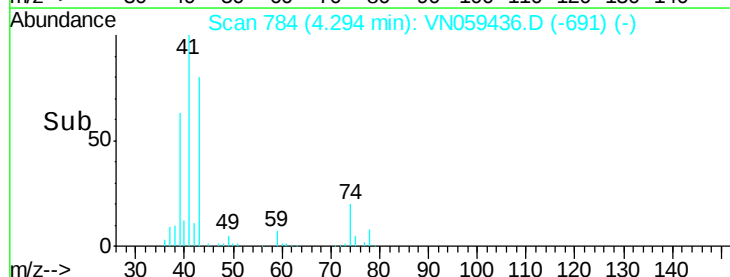
60000

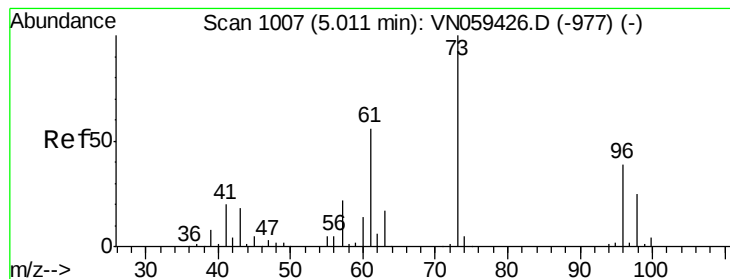
40000

20000

0

Time-->



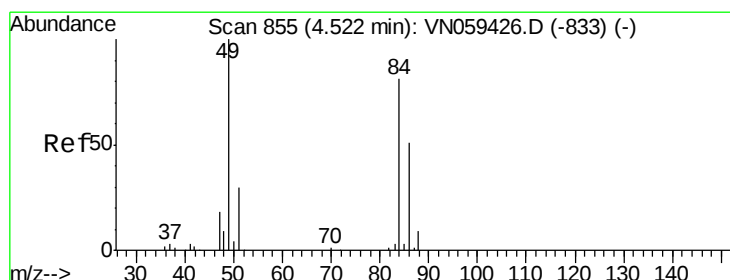
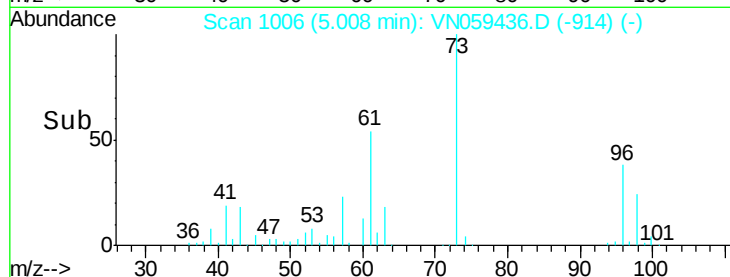
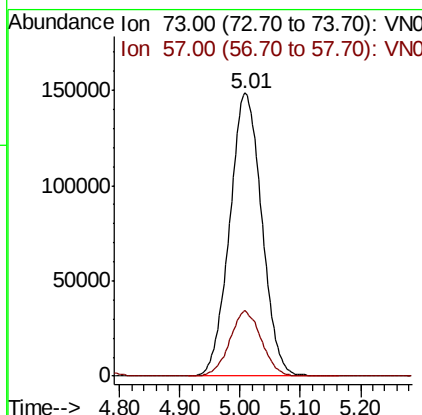
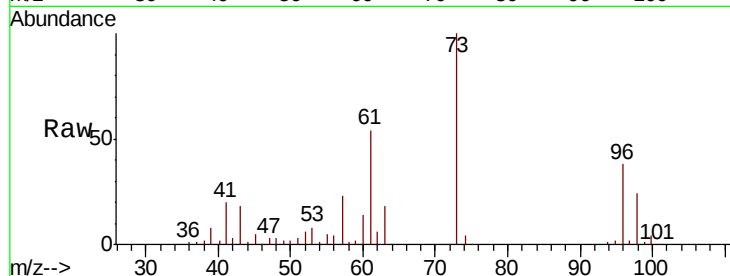


#19

Methyl tert-butyl Ether
 Concen: 45.236 ug/l
 RT: 5.01 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Instrument :
 MSVOA_N
 ClientSampleId :

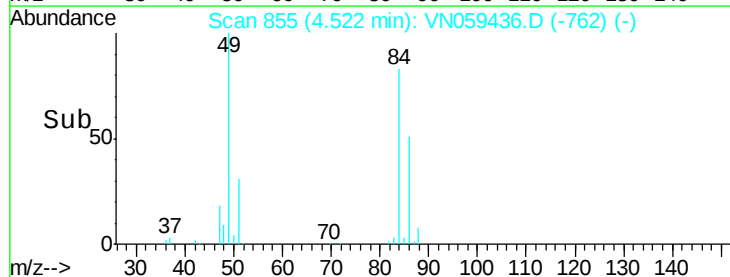
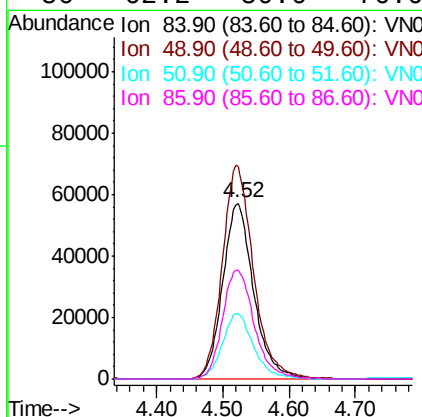
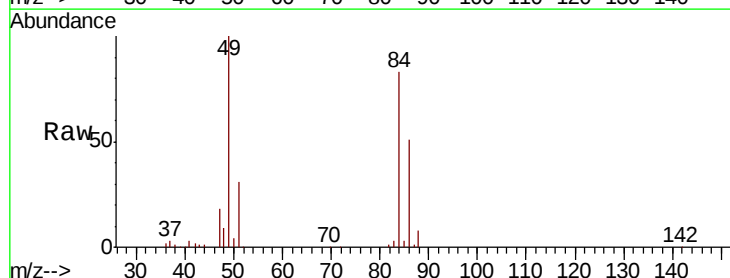
Tot Ion: 73 Resp: 552977
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.7 26.5

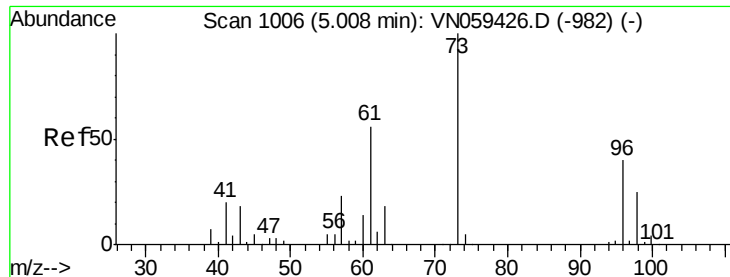


#20

Methylene Chloride
 Concen: 42.824 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Tgt Ion: 84 Resp: 185594
 Ion Ratio Lower Upper
 84 100
 49 121.0 98.6 148.0
 51 37.0 29.4 44.0
 86 62.2 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 43.908 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :
MSVOA_N
ClientSampled :

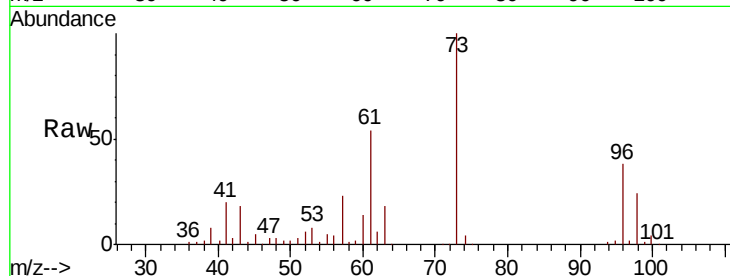
Tot Ion: 96 Resp: 181474

Ion Ratio Lower Upper

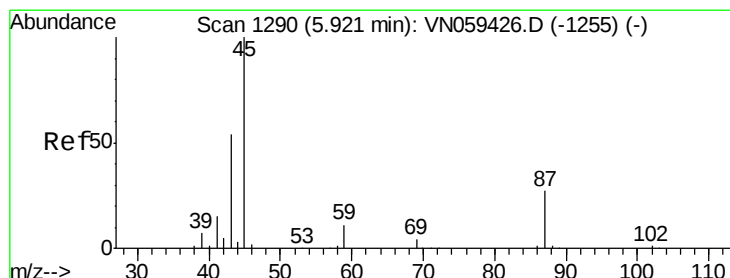
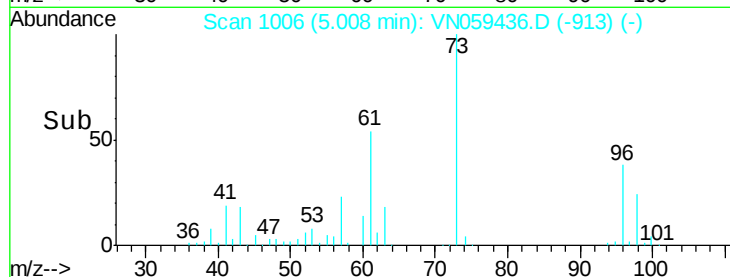
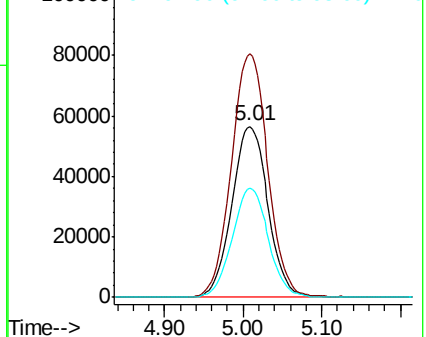
96 100

61 142.6 114.0 171.0

98 63.7 50.5 75.7



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



#22

Diisopropyl ether

Concen: 45.424 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Tgt Ion: 45 Resp: 593885

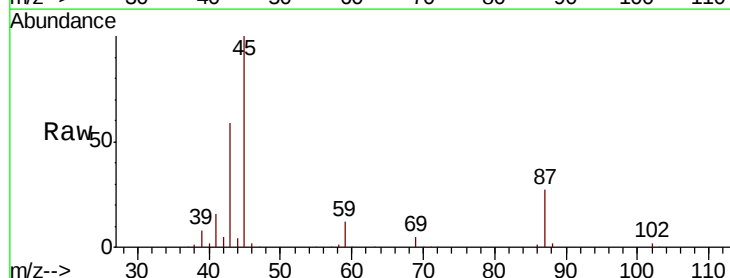
Ion Ratio Lower Upper

45 100

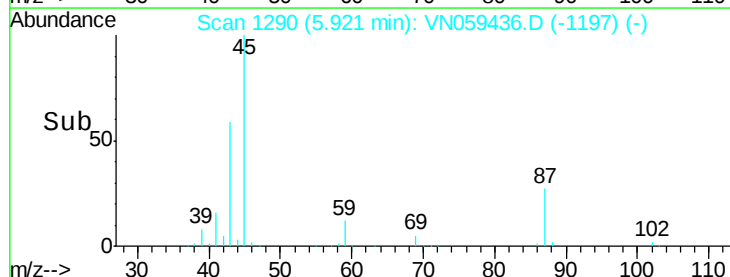
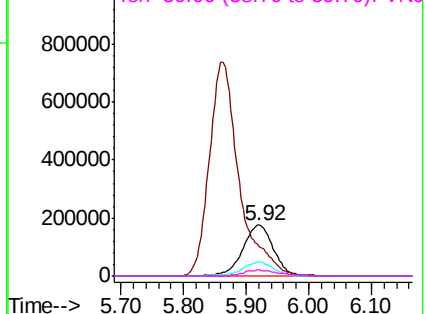
43 58.1 46.3 69.5

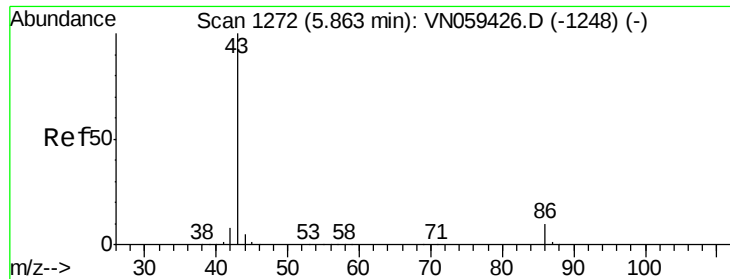
87 27.0 21.8 32.6

59 11.4 9.0 13.4



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

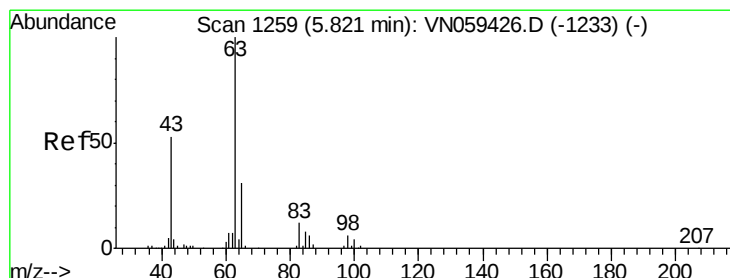
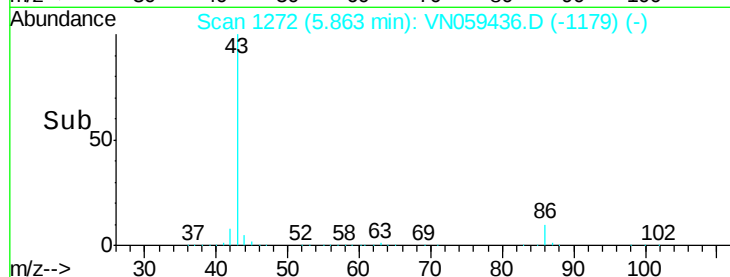
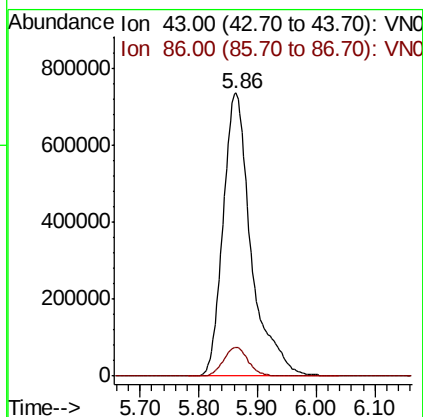
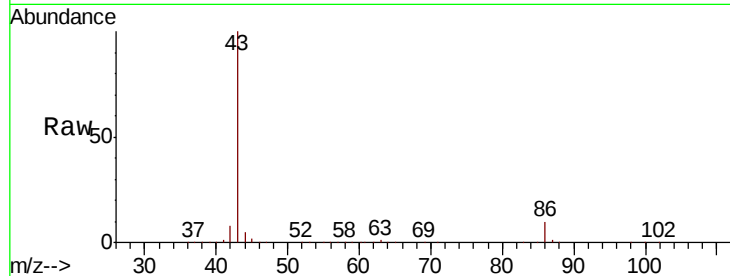




#23
 Vinyl Acetate
 Concen: 231.705 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

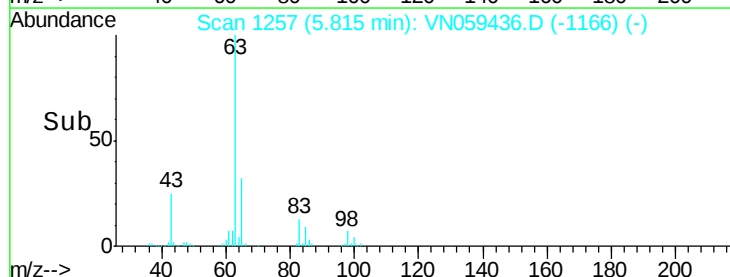
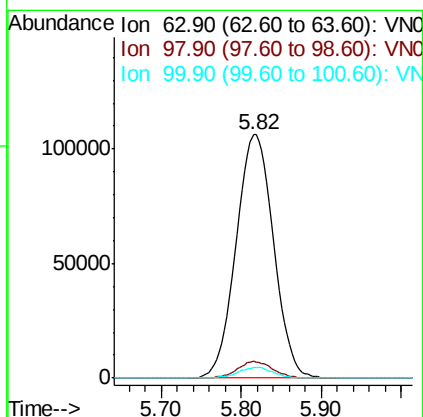
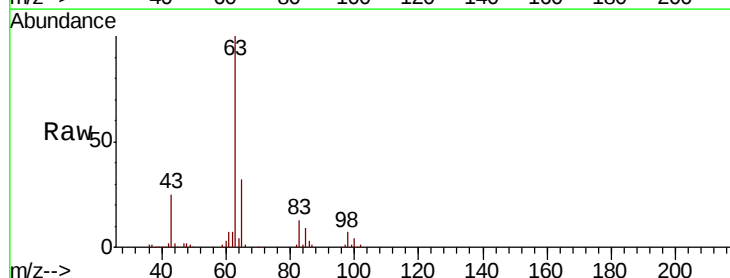
Instrument :
 MSVOA_N
 ClientSampleId :

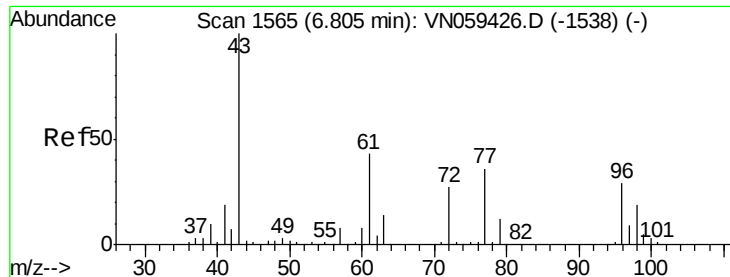
Tot Ion: 43 Resp: 2443995
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 44.897 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Tgt Ion: 63 Resp: 337740
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.2 9.6
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 232.477 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

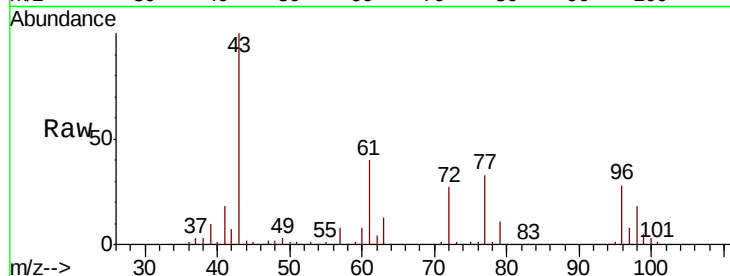
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 682131

Ion Ratio Lower Upper

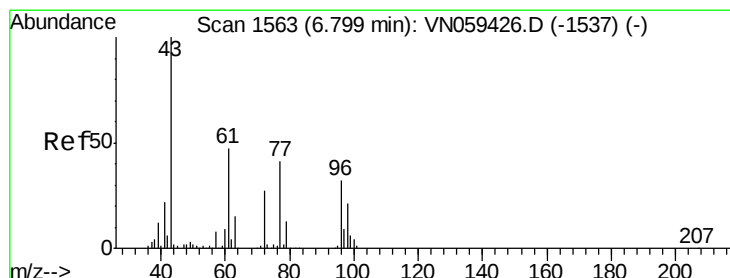
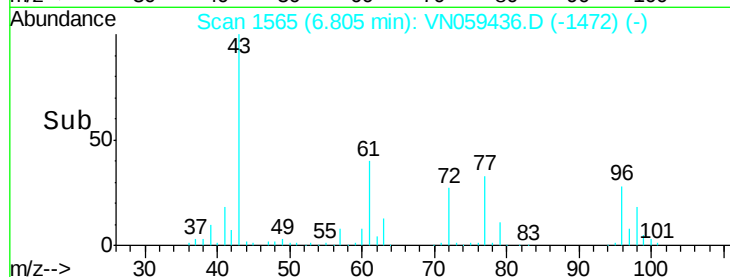
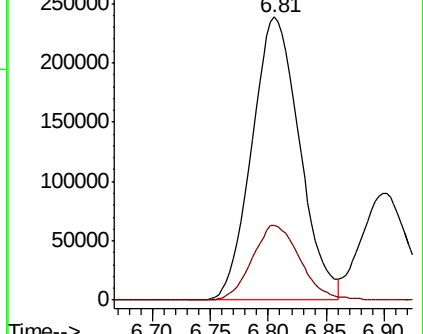
43 100

72 26.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 44.714 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059436.D

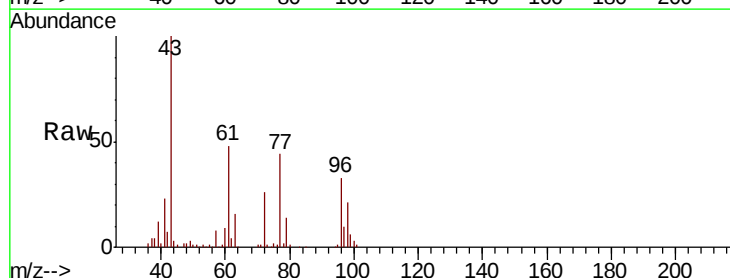
Acq: 29 Nov 2019 10:12

Tgt Ion: 77 Resp: 286248

Ion Ratio Lower Upper

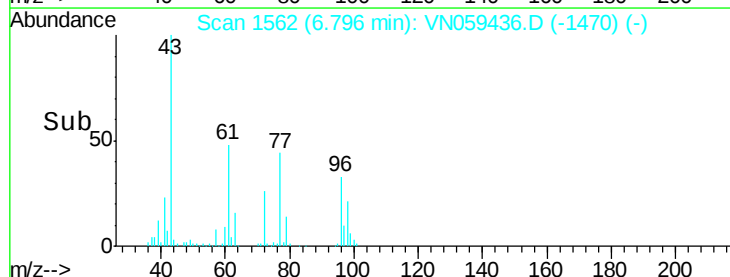
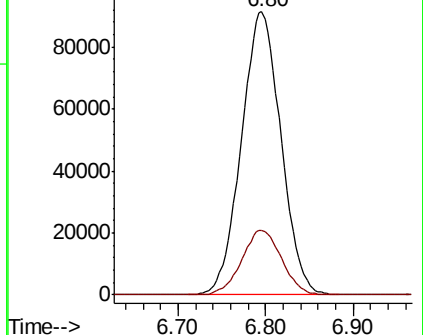
77 100

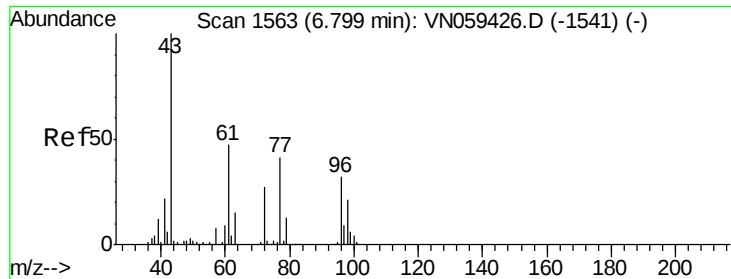
97 23.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



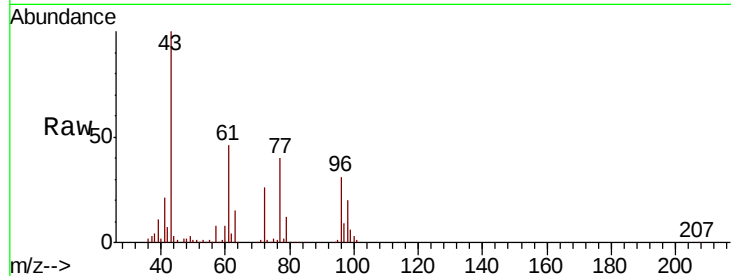


#27

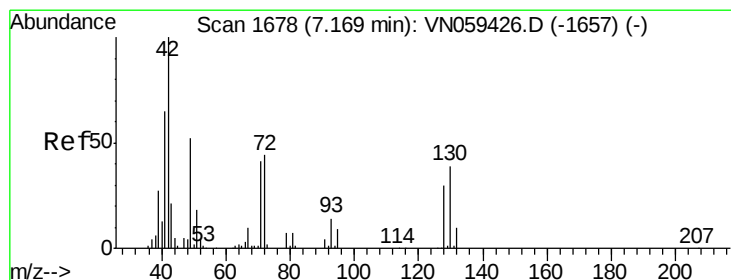
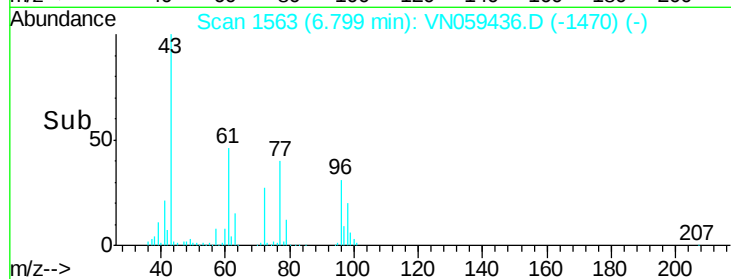
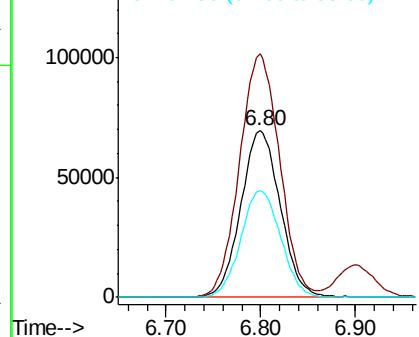
cis-1,2-Dichloroethene
Concen: 44.516 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 201224
Ion Ratio Lower Upper
96 100
61 149.0 0.0 297.6
98 65.0 0.0 130.8



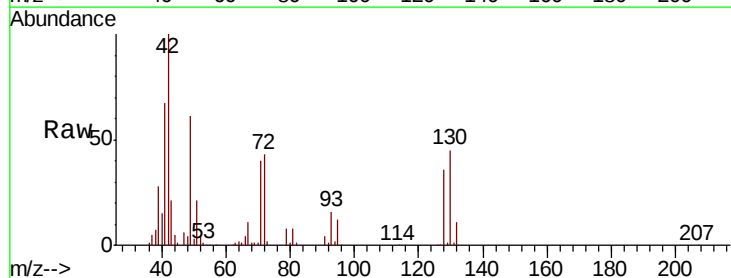
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



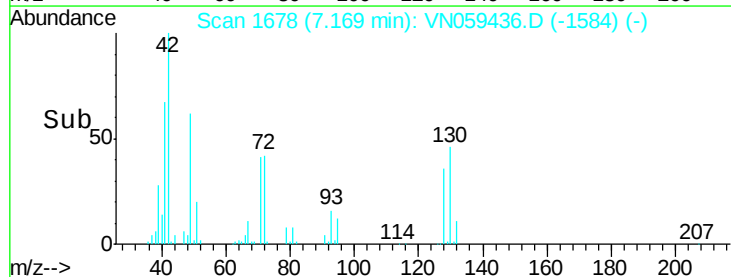
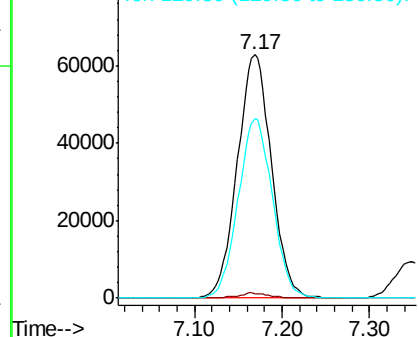
#28

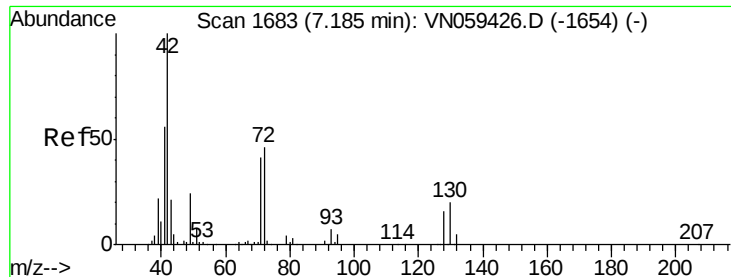
Bromochloromethane
Concen: 52.905 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 49 Resp: 170528
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 73.8 60.5 90.7



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

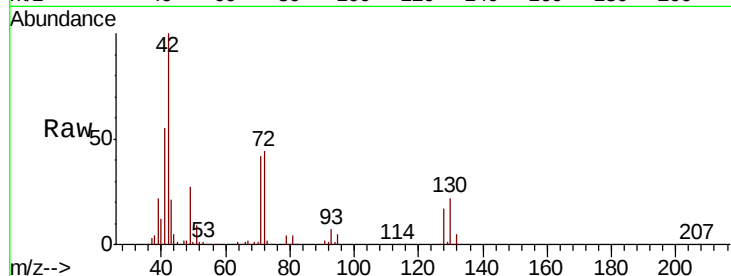




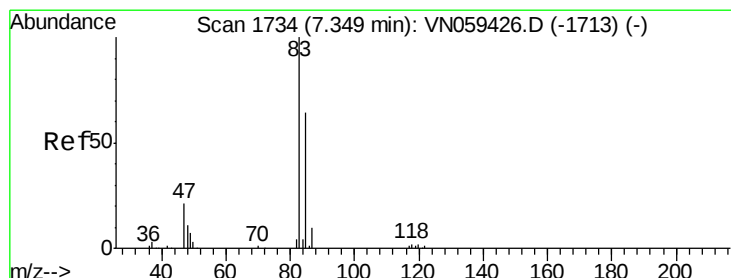
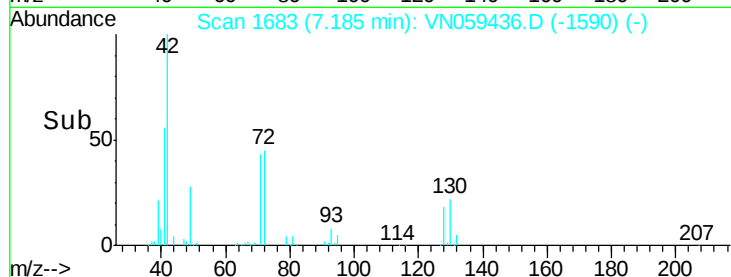
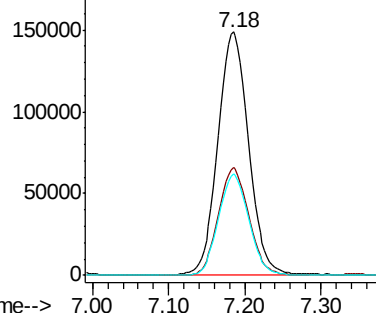
#29
Tetrahydrofuran
Concen: 215.555 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 420649
Ion Ratio Lower Upper
42 100
72 43.5 34.6 51.8
71 40.8 33.0 49.6

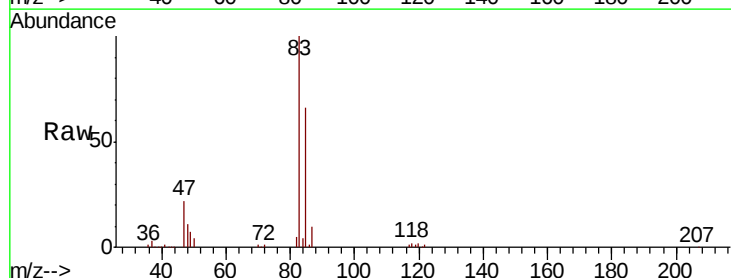


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

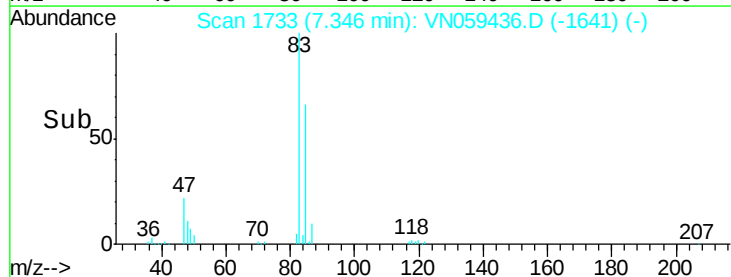
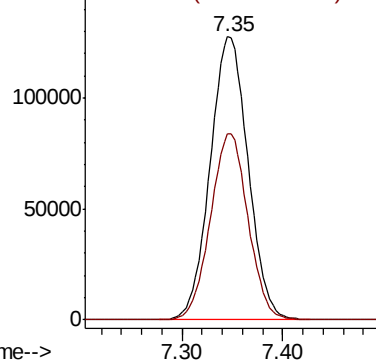


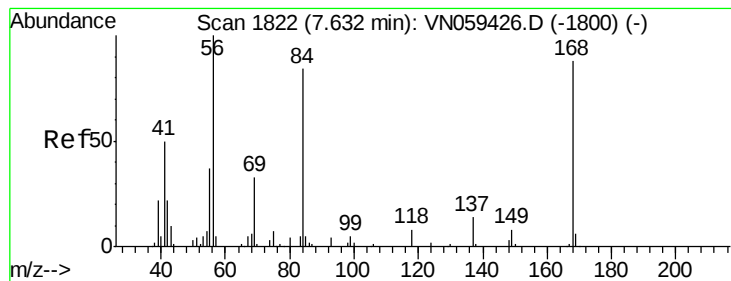
#30
Chloroform
Concen: 43.929 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 83 Resp: 332534
Ion Ratio Lower Upper
83 100
85 65.6 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 42.637 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :
MSVOA_N
ClientSampled :

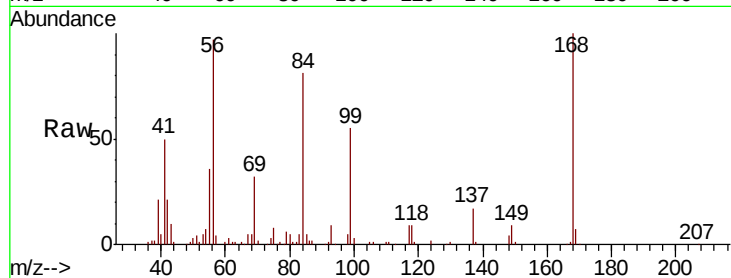
Tot Ion: 56 Resp: 321534

Ion Ratio Lower Upper

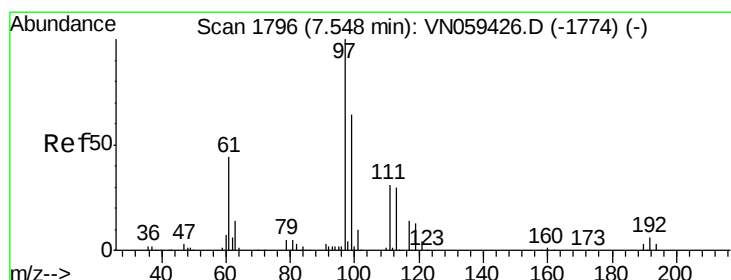
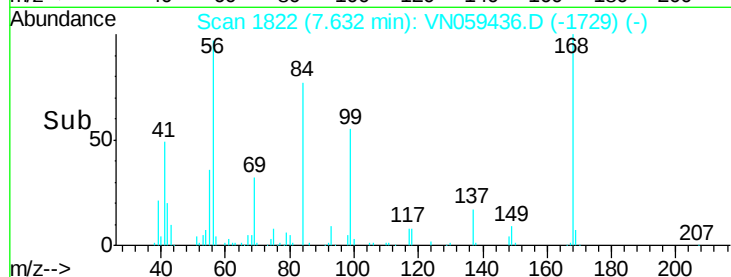
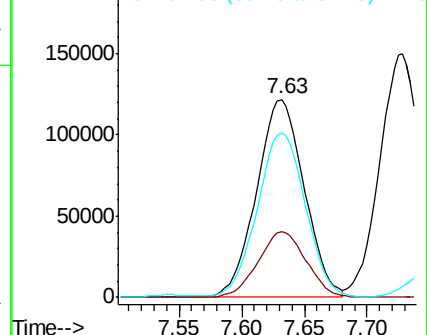
56 100

69 33.2 26.4 39.6

84 82.1 67.0 100.6



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



#32

1,1,1-Trichloroethane

Concen: 44.444 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

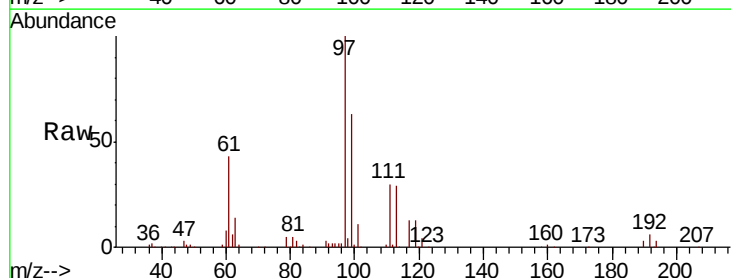
Tgt Ion: 97 Resp: 275124

Ion Ratio Lower Upper

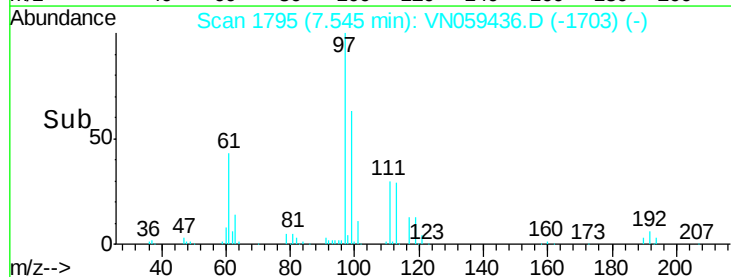
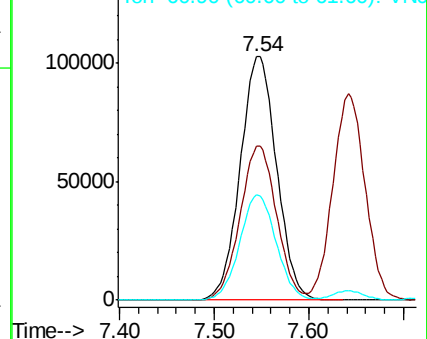
97 100

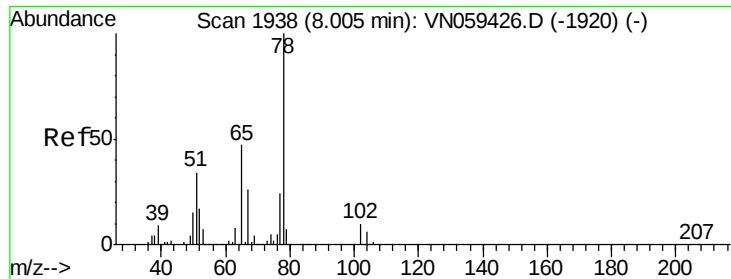
99 63.5 50.9 76.3

61 43.3 34.3 51.5



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

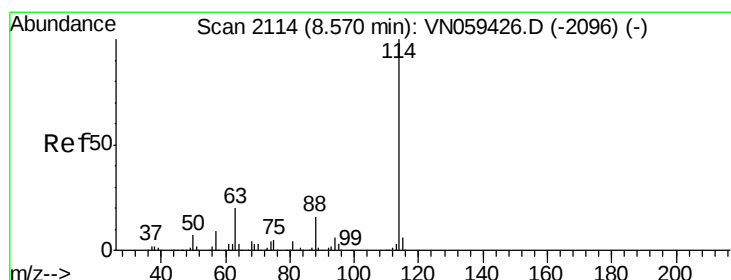
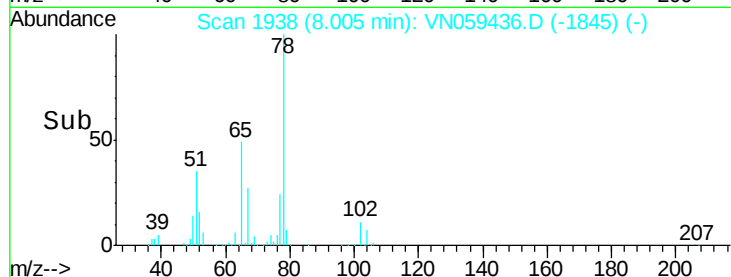
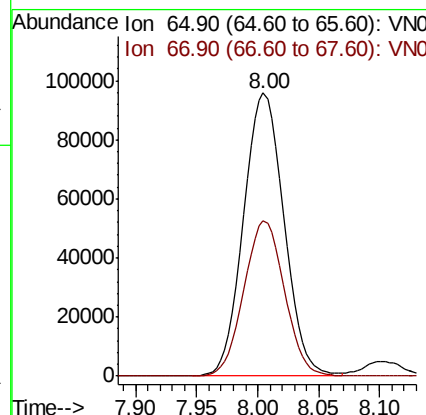
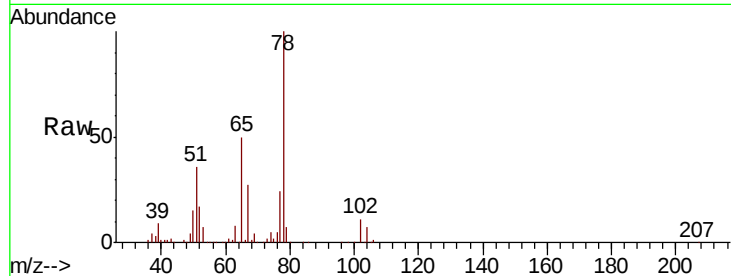




#33
 1,2-Dichloroethane-d4
 Concen: 49.230 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

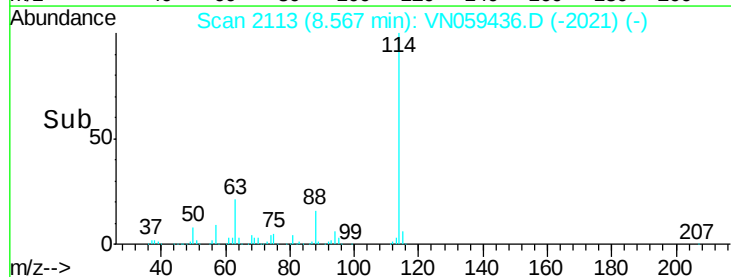
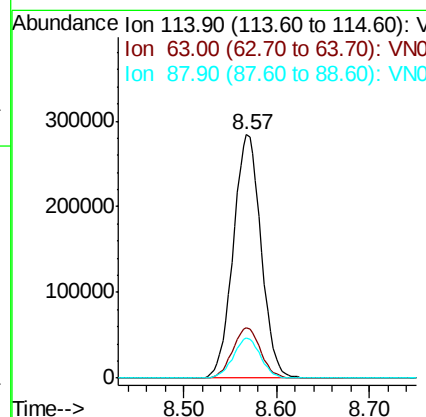
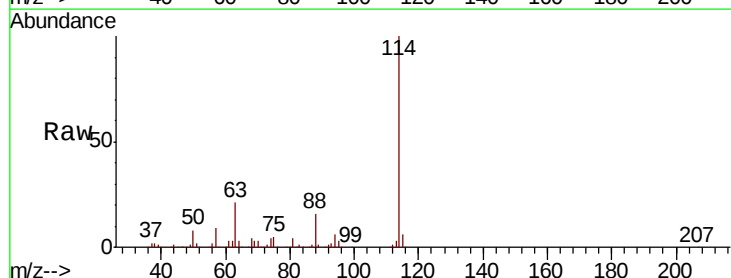
Instrument :
 MSVOA_N
 ClientSampled :

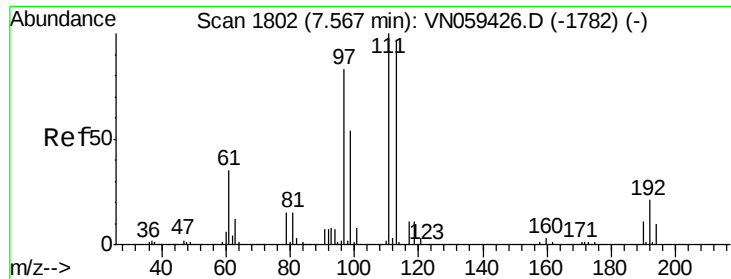
Tot Ion: 65 Resp: 220409
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Tgt Ion: 114 Resp: 590209
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 16.5 0.0 32.2

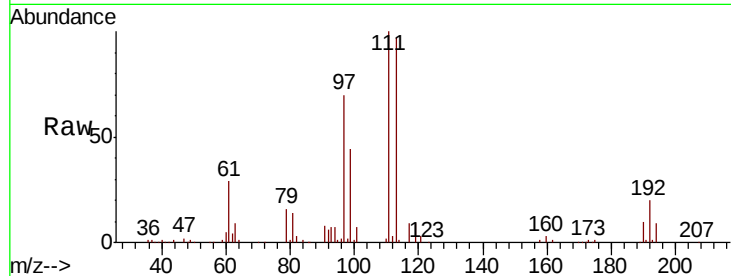




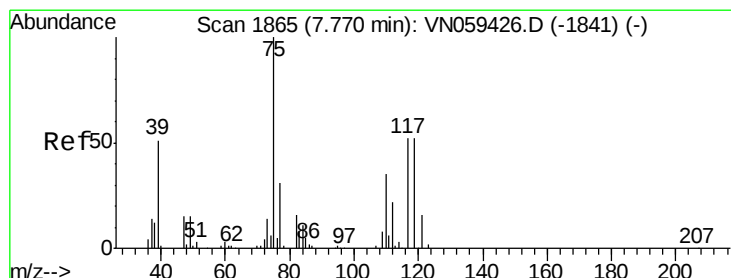
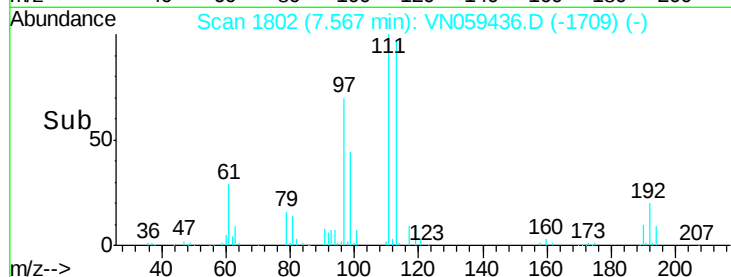
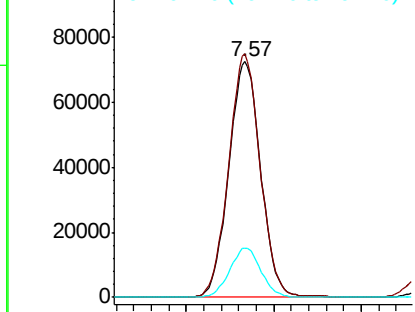
#35
 Dibromofluoromethane
 Concen: 50.998 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	20.5	16.6	24.8

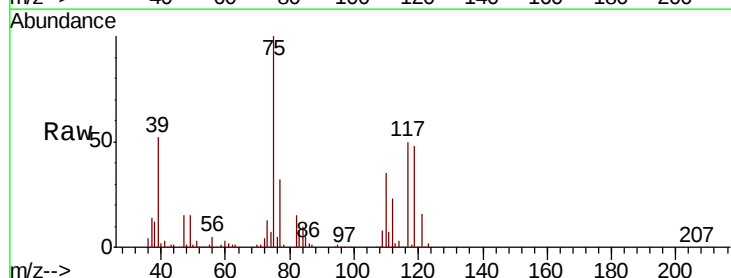


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

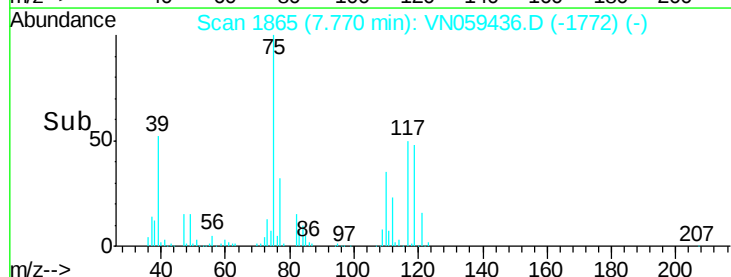
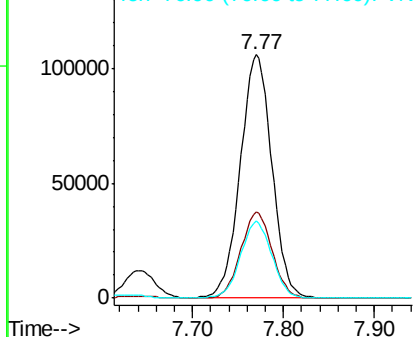


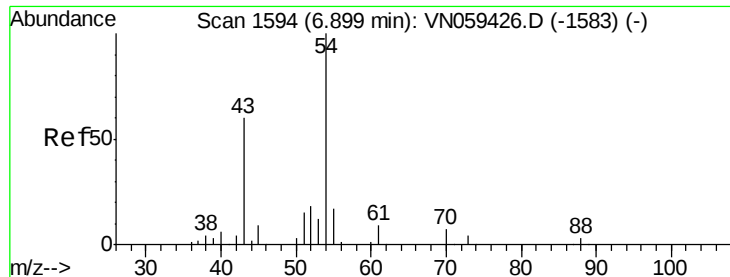
#36
 1,1-Dichloropropene
 Concen: 45.053 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.3	52.0
77	31.4	24.9	37.3



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

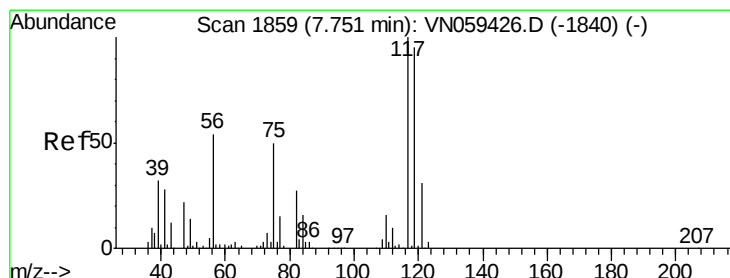
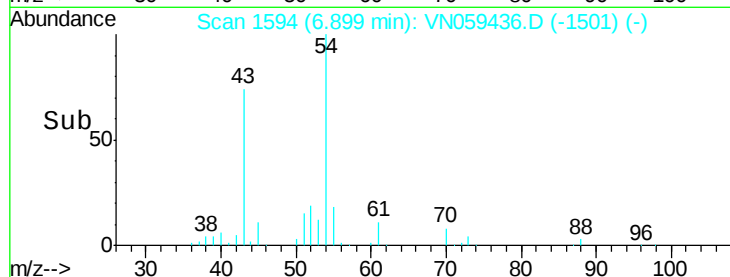
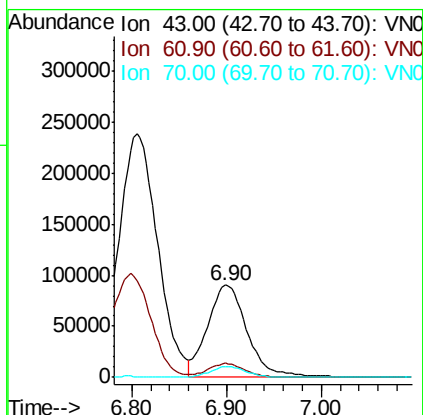
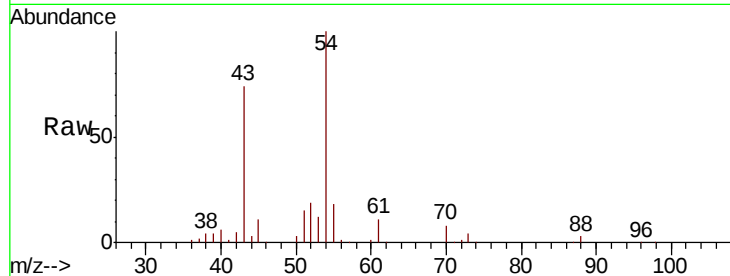




#37
Ethyl Acetate
Concen: 42.965 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

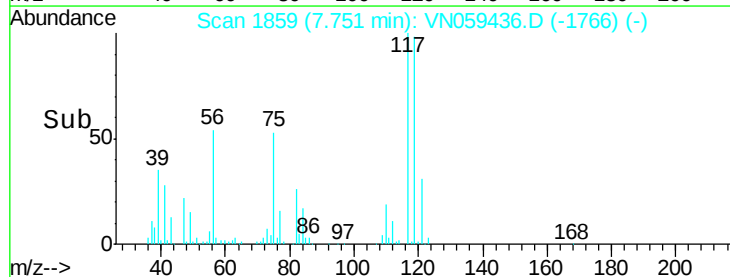
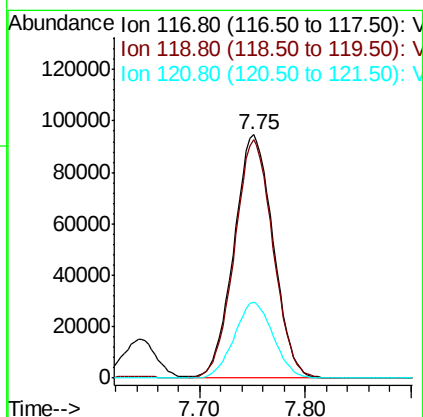
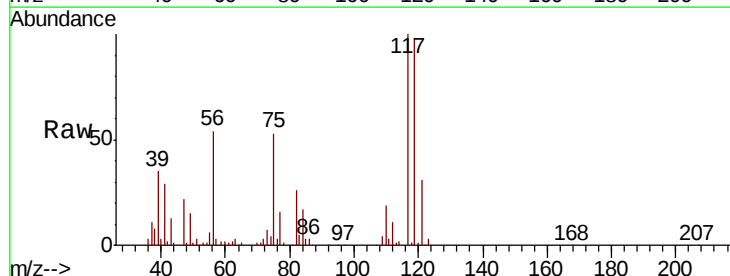
Instrument :
MSVOA_N
ClientSampled :

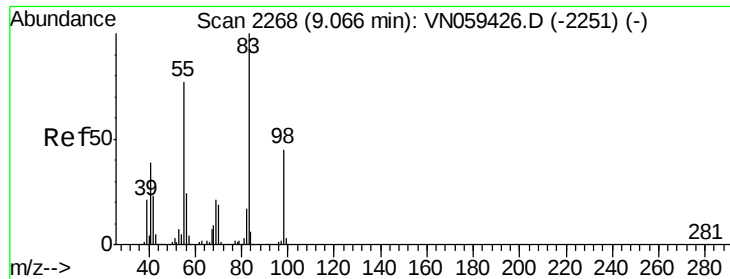
Tot Ion: 43 Resp: 258006
Ion Ratio Lower Upper
43 100
61 14.3 12.2 18.2
70 10.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 45.725 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 117 Resp: 244924
Ion Ratio Lower Upper
117 100
119 97.8 75.9 113.9
121 31.3 24.6 36.8

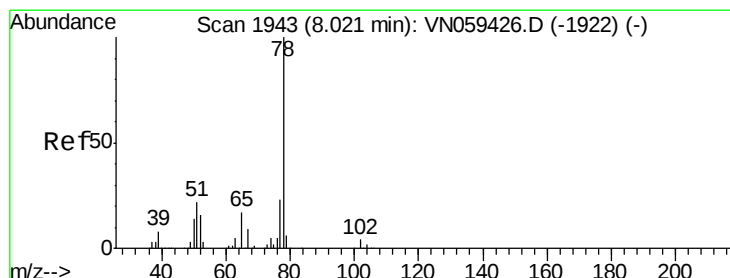
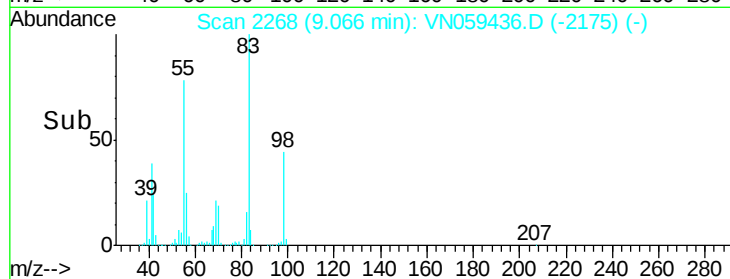
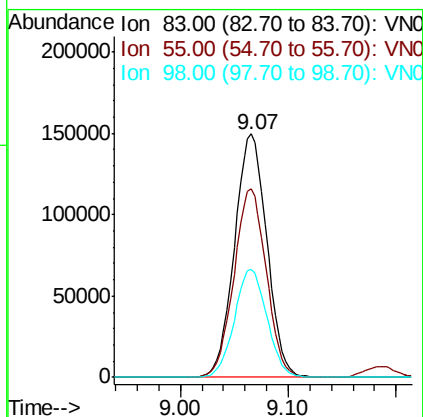
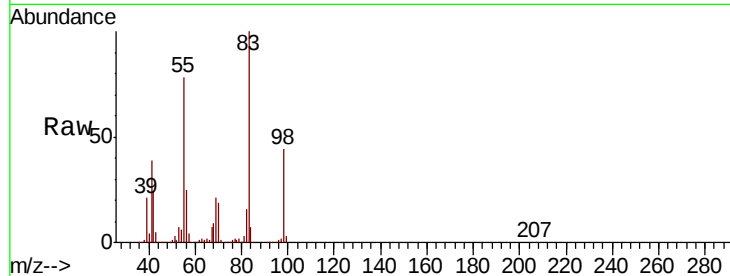




#39
Methvlcvclohexane
Concen: 46.078 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

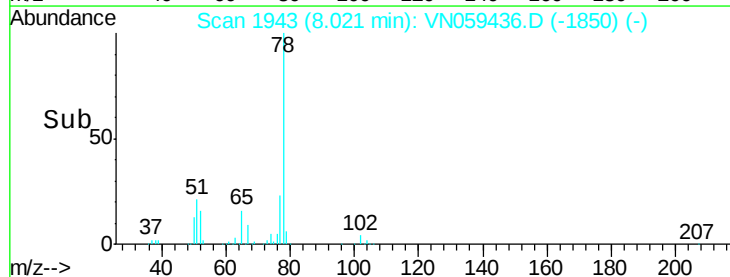
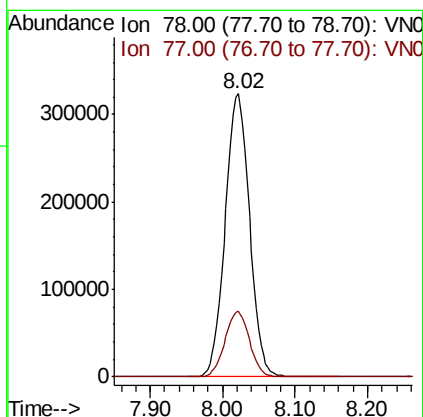
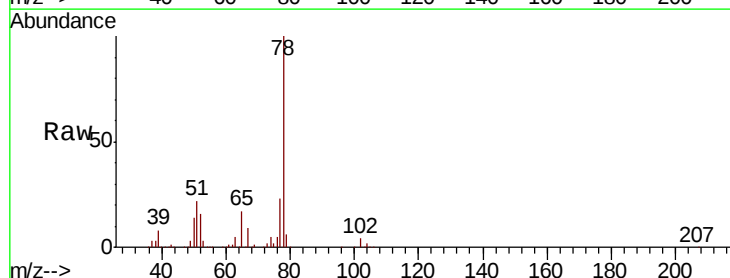
Instrument :
MSVOA_N
ClientSampleId :

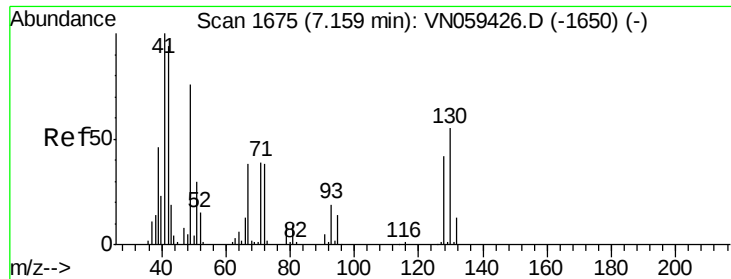
Tot Ion: 83 Resp: 312880
Ion Ratio Lower Upper
83 100
55 77.7 61.6 92.4
98 44.5 35.7 53.5



#40
Benzene
Concen: 44.907 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 78 Resp: 756784
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5

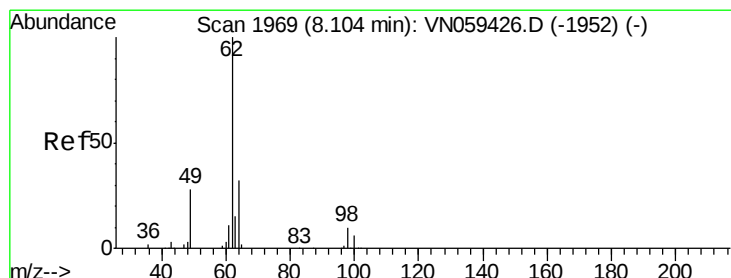
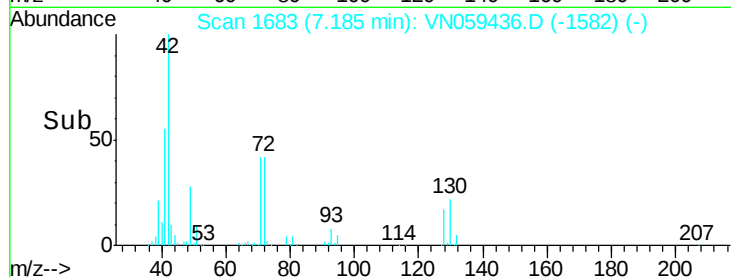
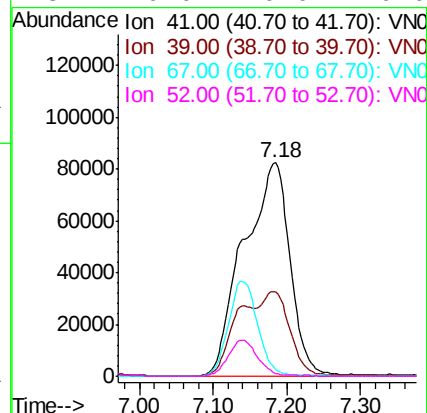
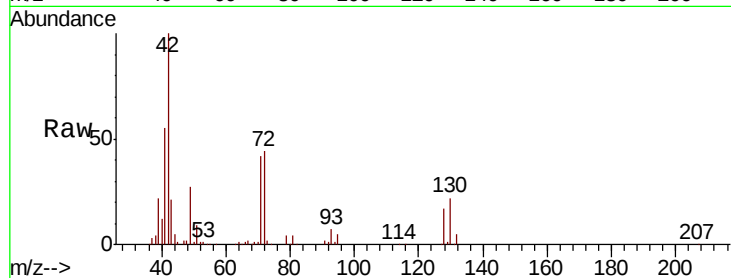




#41
Methacrylonitrile
Concen: 128.663 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

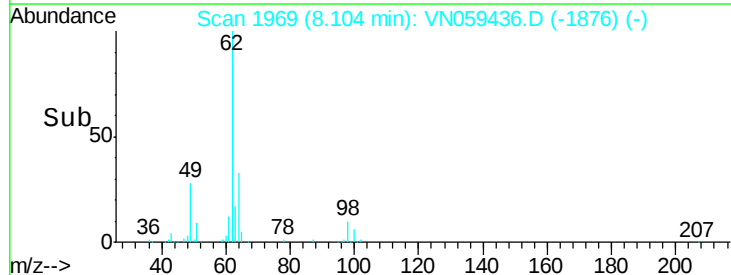
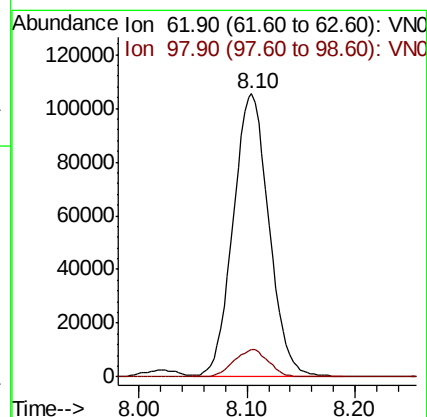
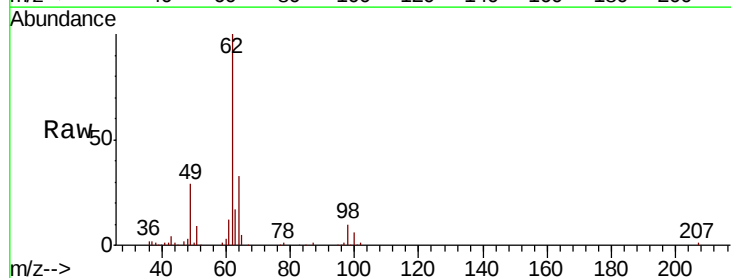
Instrument :
MSVOA_N
ClientSampled :

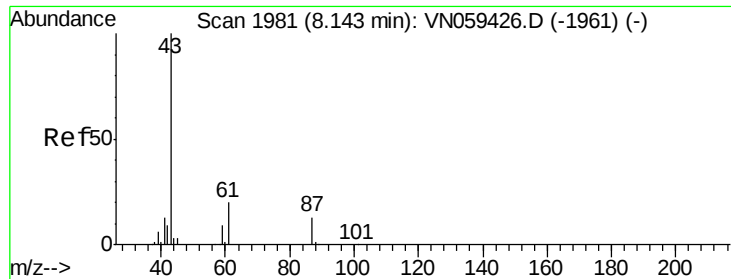
Tot Ion:	41	Resp:	359767
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 45.353 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion:	62	Resp:	242348
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 44.968 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

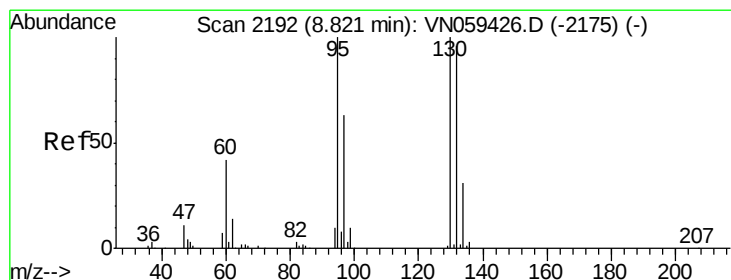
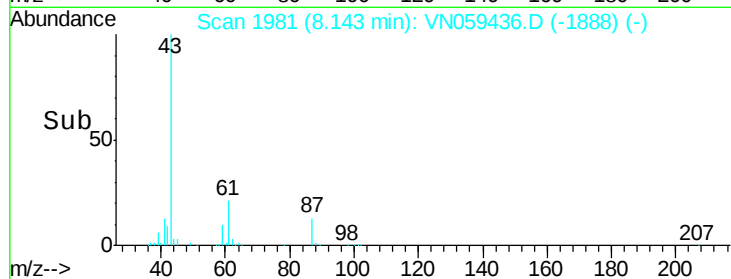
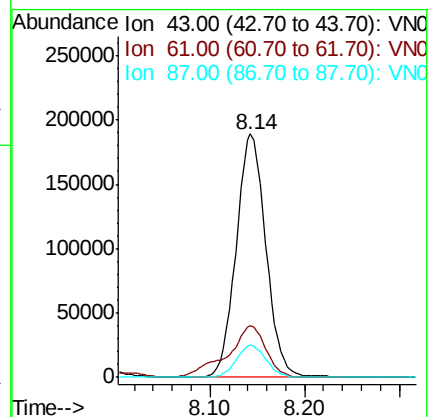
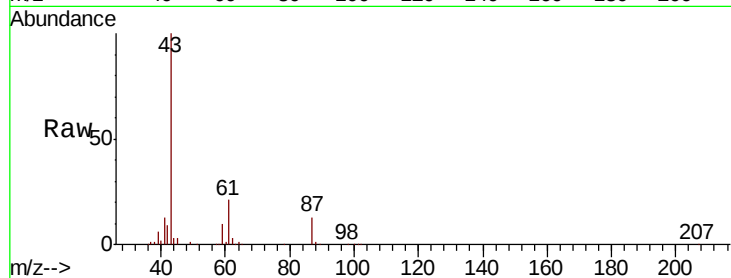
Tot Ion: 43 Resp: 410221

Ion Ratio Lower Upper

43 100

61 27.3 22.2 33.2

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 45.510 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059436.D

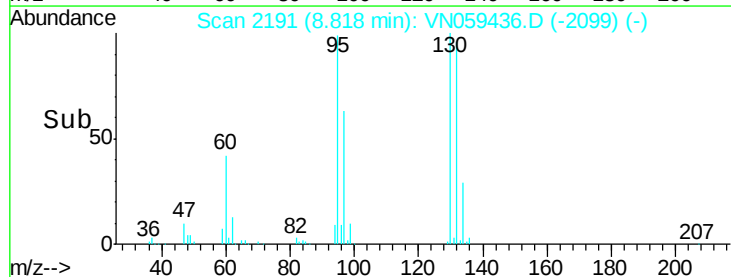
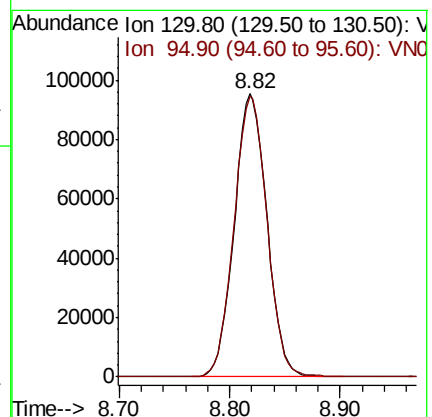
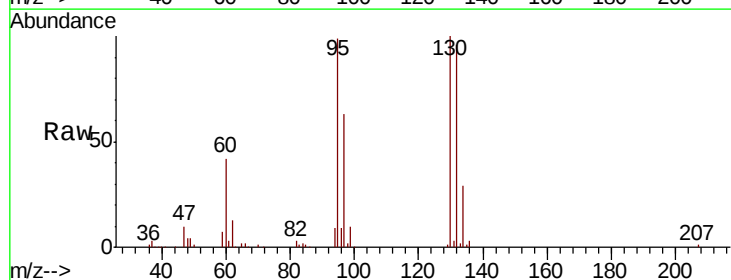
Acq: 29 Nov 2019 10:12

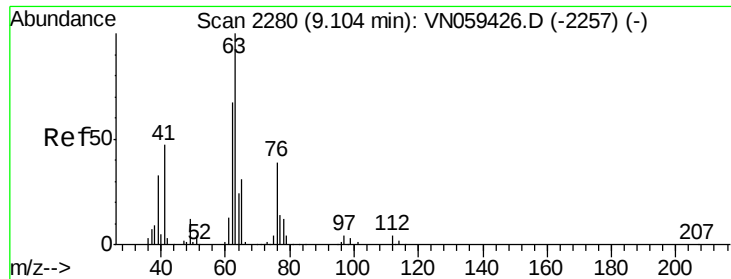
Tgt Ion:130 Resp: 195557

Ion Ratio Lower Upper

130 100

95 99.1 0.0 199.6

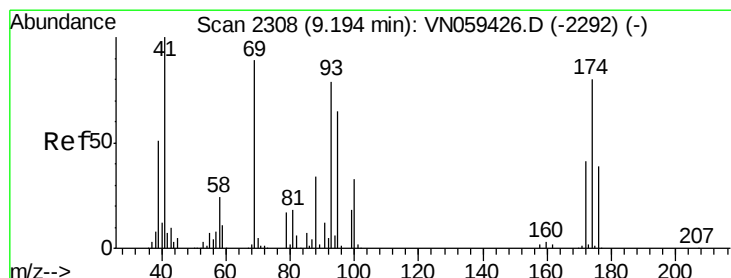
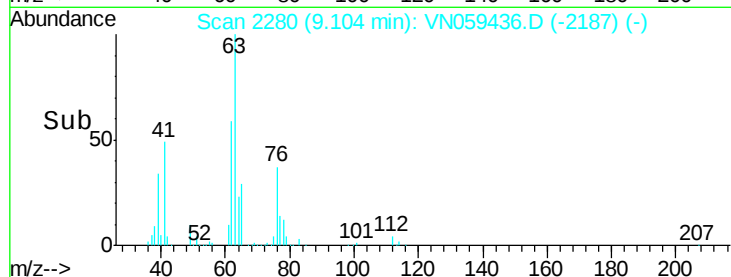
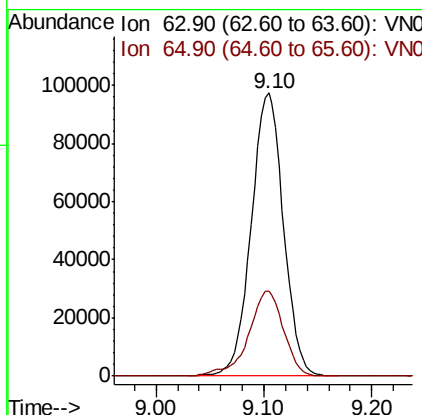
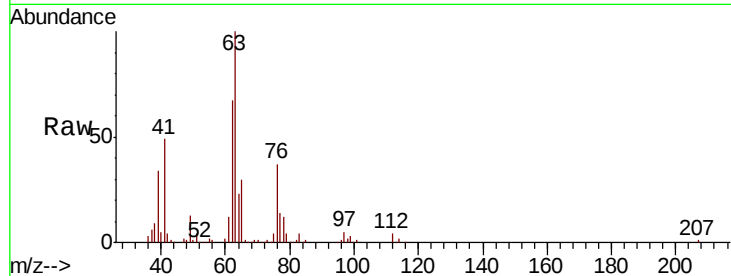




#45
 1,2-Dichloropropane
 Concen: 45.787 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

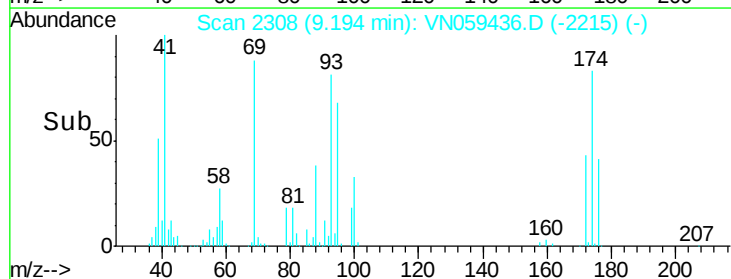
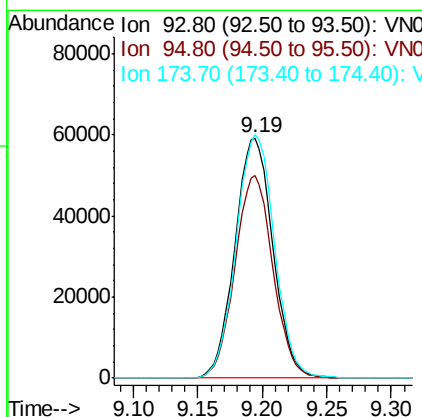
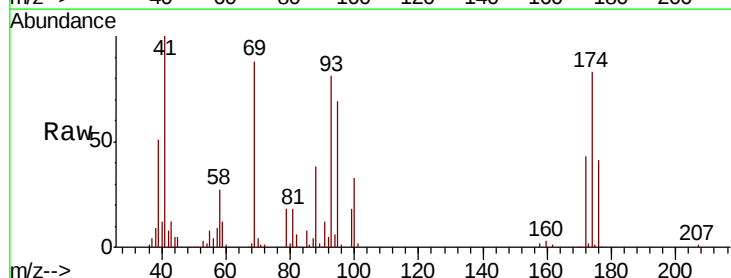
Instrument :
 MSVOA_N
 ClientSampled :

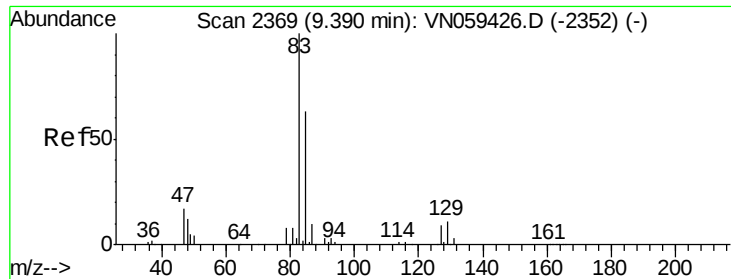
Tot Ion: 63 Resp: 201826
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 36.8



#46
 Dibromomethane
 Concen: 44.744 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Tgt Ion: 93 Resp: 121712
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.2 99.4
 174 102.4 81.8 122.8

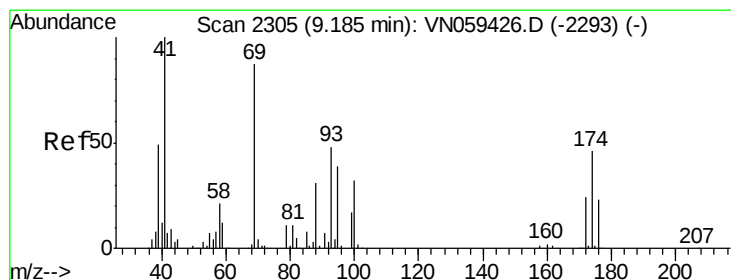
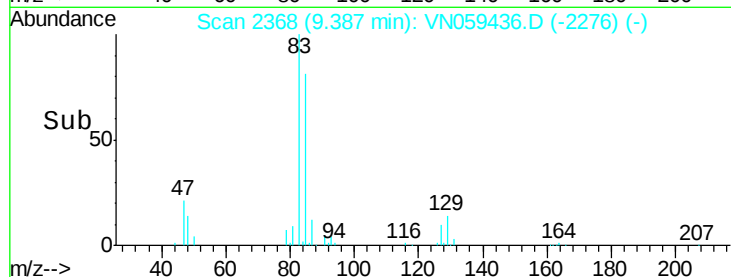
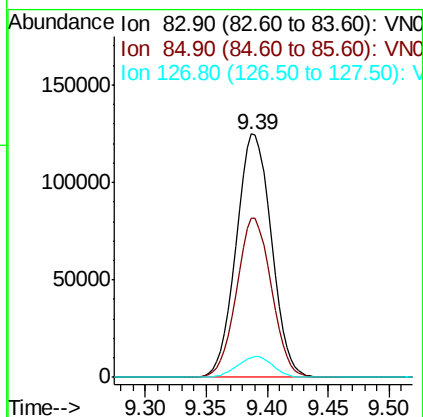
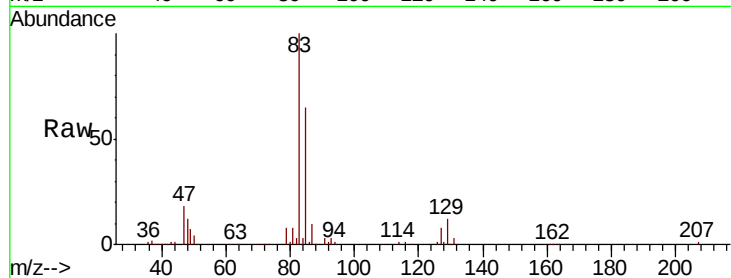




#47
Bromodichloromethane
Concen: 45.380 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

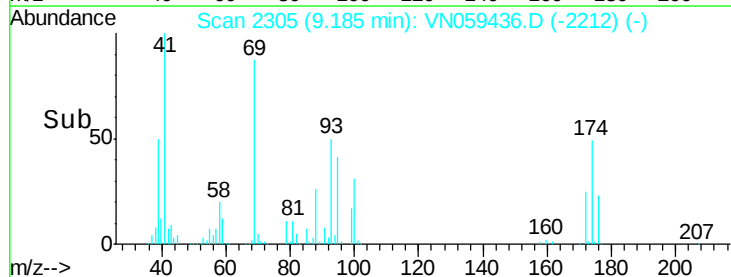
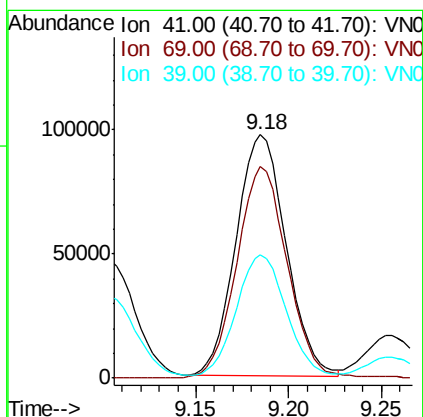
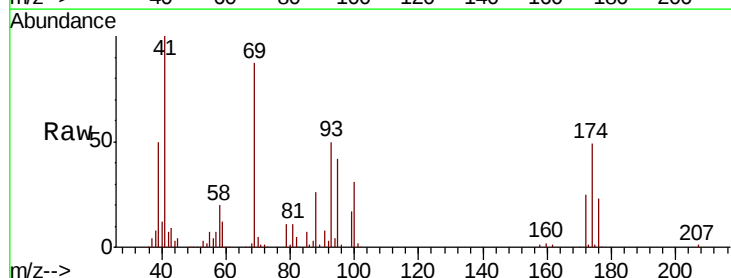
Instrument :
MSVOA_N
ClientSampleId :

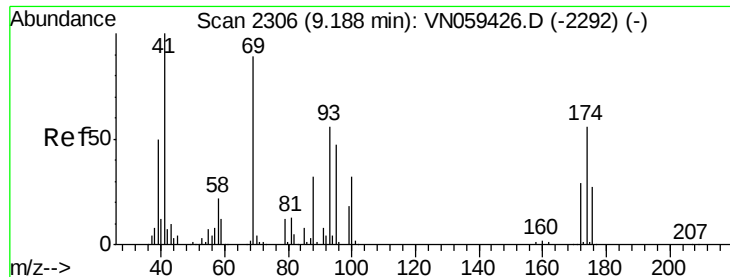
Tot Ion: 83 Resp: 249669
Ion Ratio Lower Upper
83 100
85 65.4 50.6 75.8
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 44.846 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 41 Resp: 181504
Ion Ratio Lower Upper
41 100
69 89.0 71.6 107.4
39 49.8 41.3 61.9

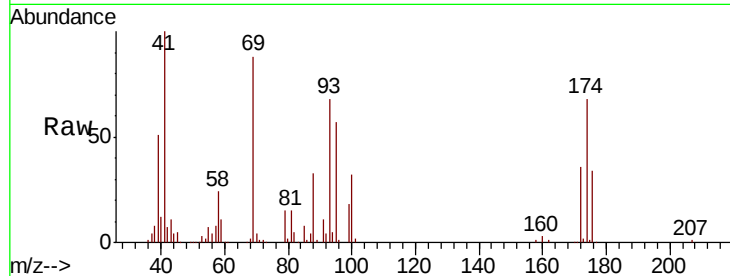




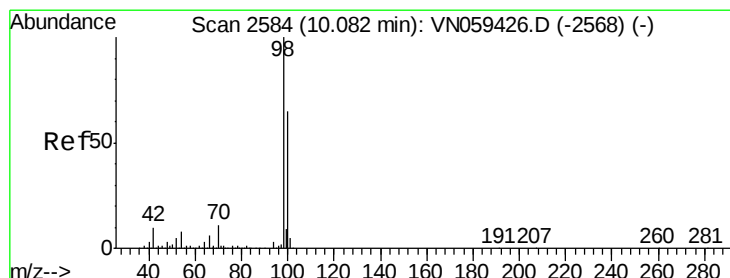
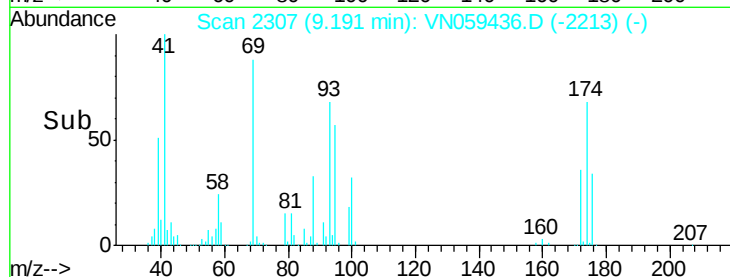
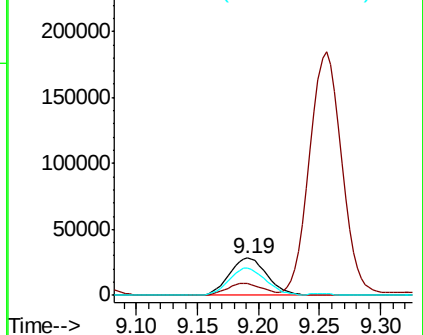
#49
1,4-Dioxane
Concen: 1036.972 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 61296
Ion Ratio Lower Upper
88 100
43 31.4 23.7 35.5
58 71.9 56.3 84.5

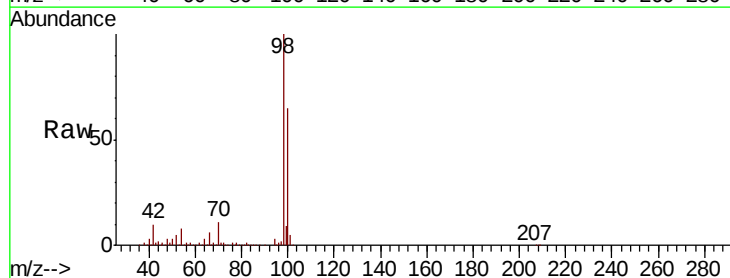


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

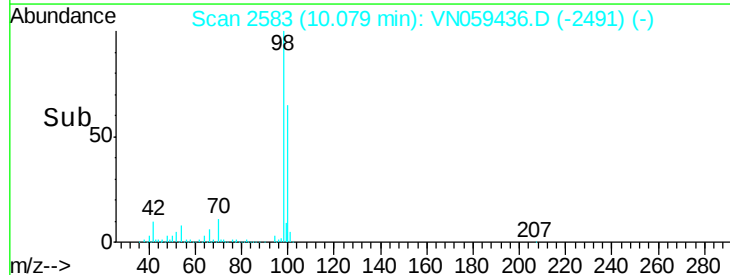
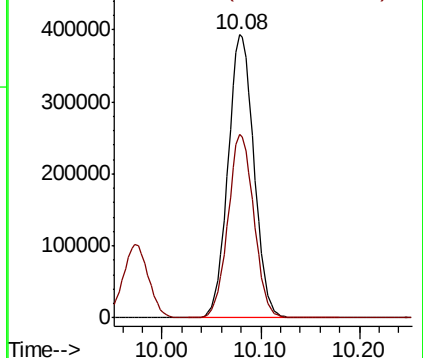


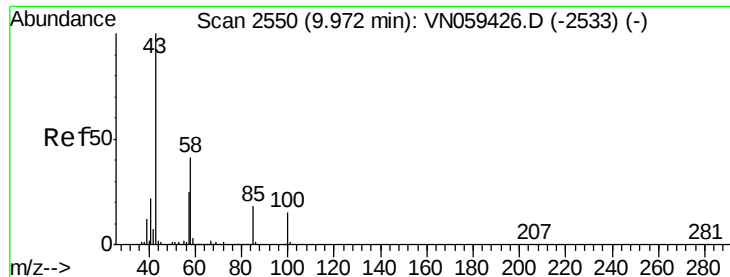
#50
Toluene-d8
Concen: 50.403 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 98 Resp: 722002
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 230.844 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

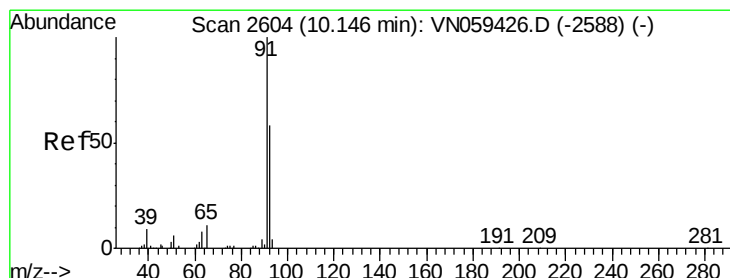
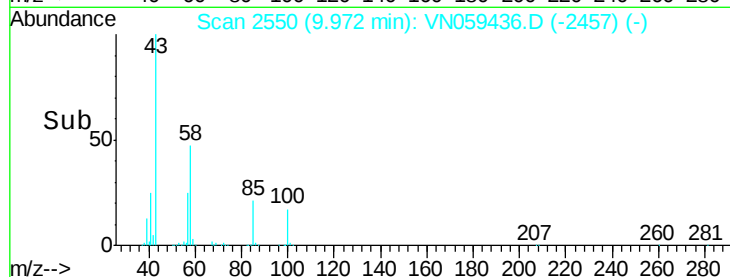
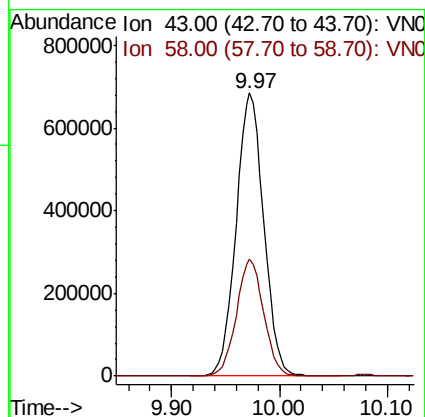
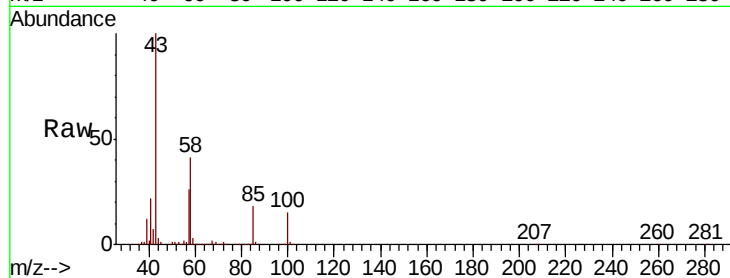
ClientSampleId :

Tot Ion: 43 Resp: 1221497

Ion Ratio Lower Upper

43 100

58 40.8 32.5 48.7



#52

Toluene

Concen: 45.667 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059436.D

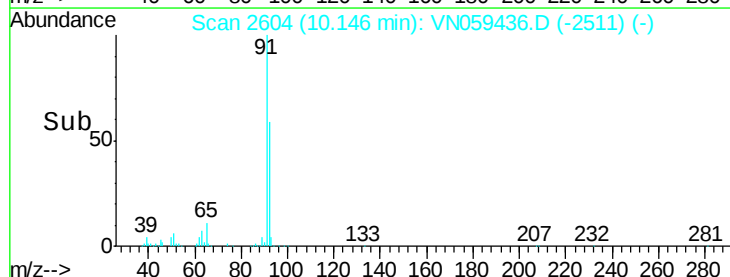
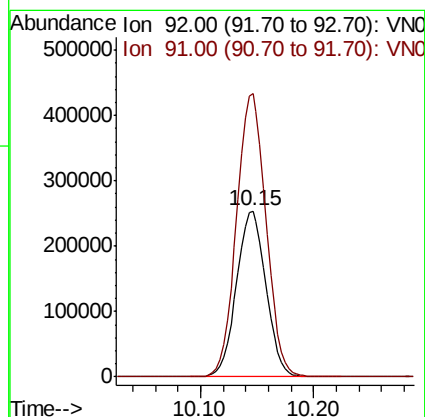
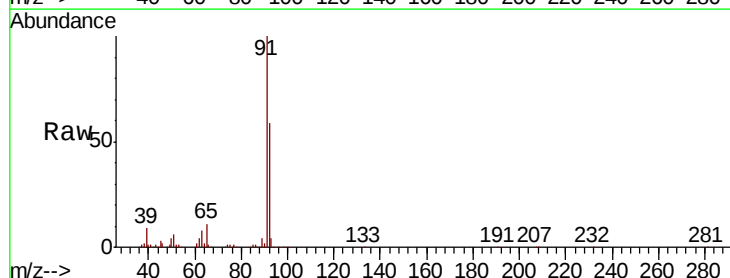
Acq: 29 Nov 2019 10:12

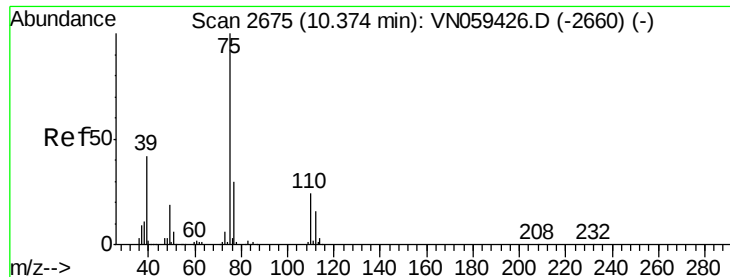
Tgt Ion: 92 Resp: 459776

Ion Ratio Lower Upper

92 100

91 171.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 45.894 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

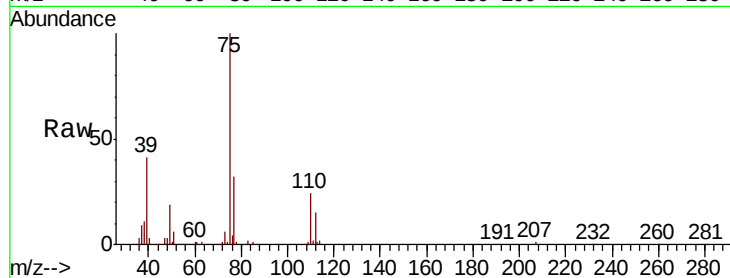
ClientSampleId :

Tot Ion: 75 Resp: 290138

Ion Ratio Lower Upper

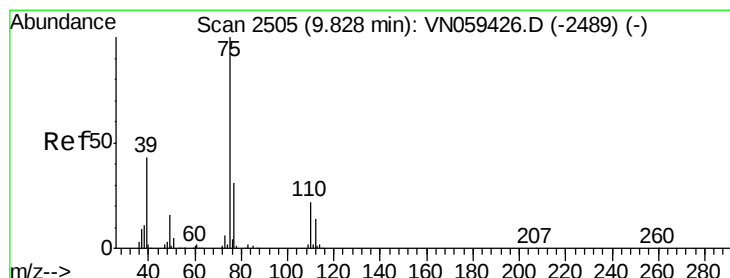
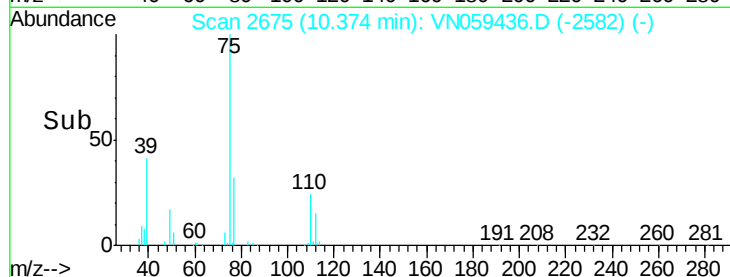
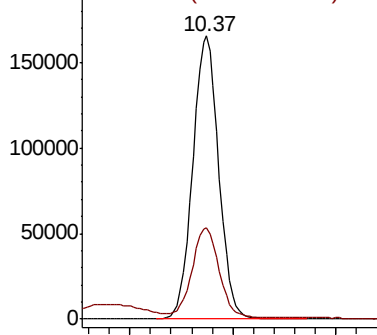
75 100

77 31.5 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 46.742 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

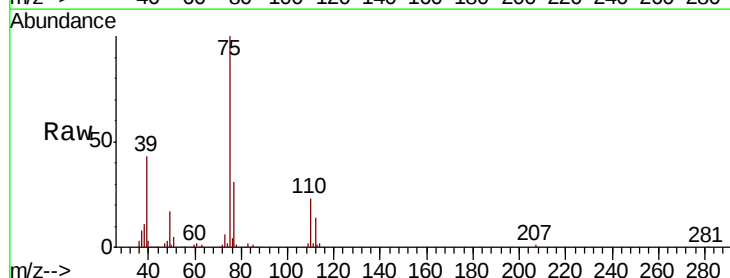
Tgt Ion: 75 Resp: 318994

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

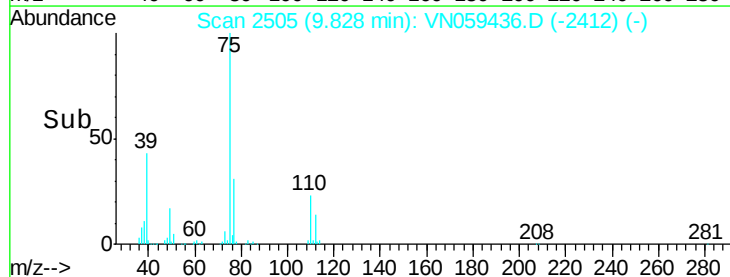
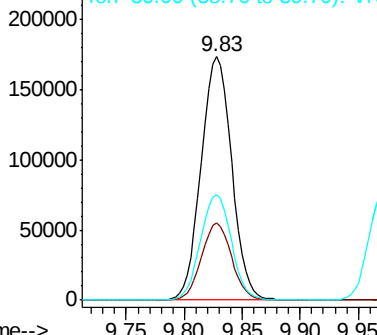
39 43.4 34.0 51.0

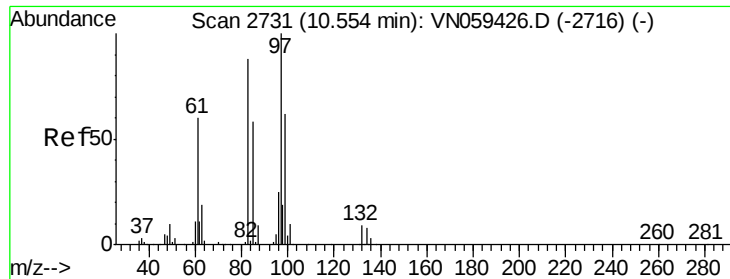


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 44.817 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 176608

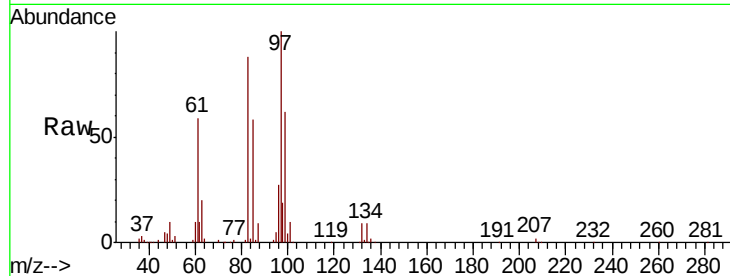
Ion Ratio Lower Upper

97 100

83 88.4 70.7 106.1

85 57.8 46.4 69.6

99 62.4 49.6 74.4

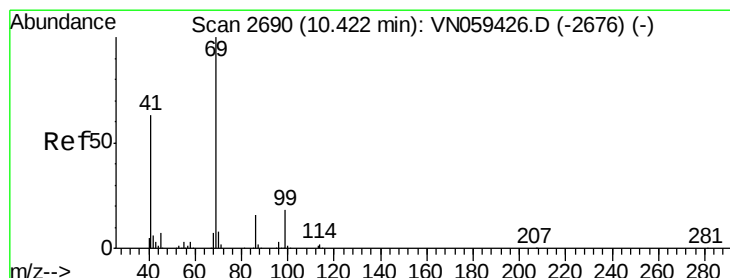
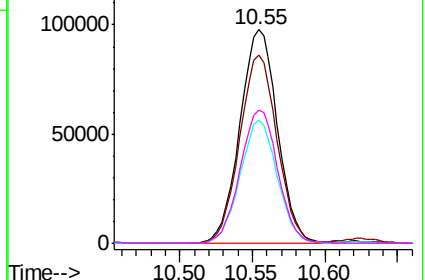
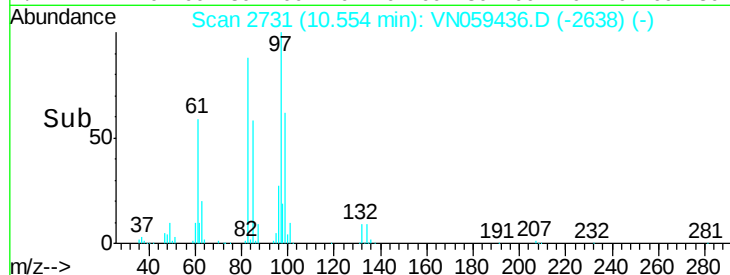


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.222 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

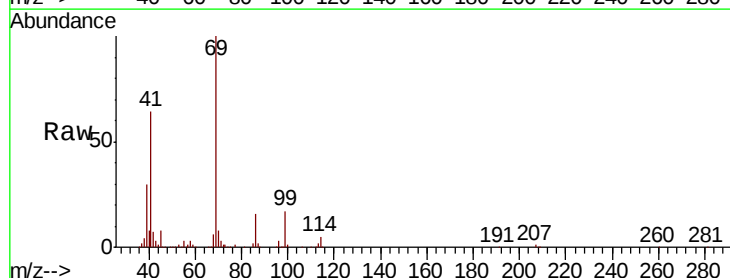
Tgt Ion: 69 Resp: 271932

Ion Ratio Lower Upper

69 100

41 63.7 50.1 75.1

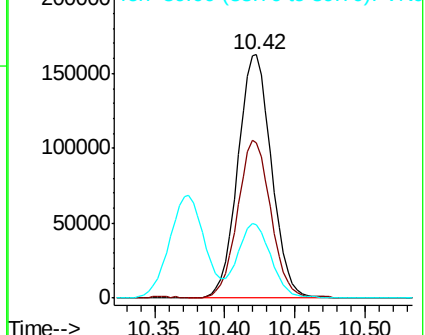
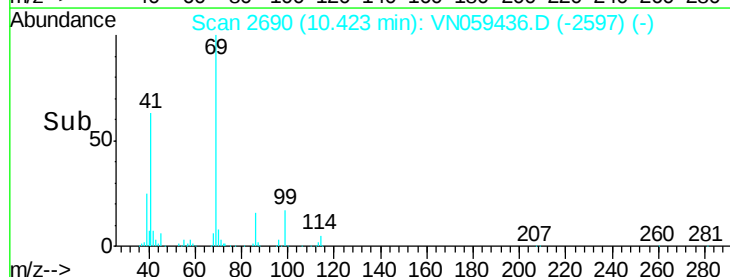
39 30.0 23.9 35.9

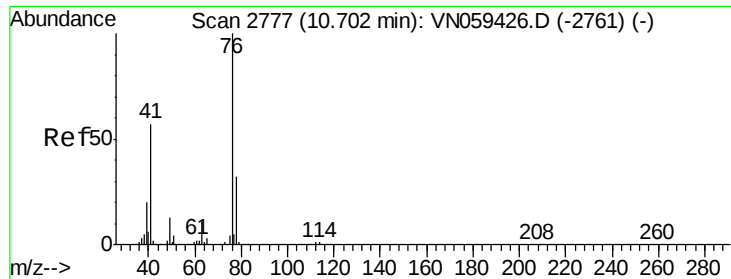


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 45.256 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

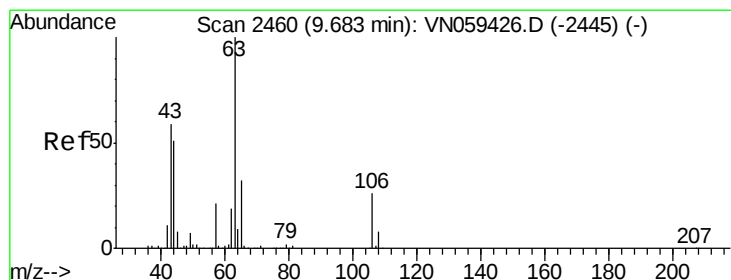
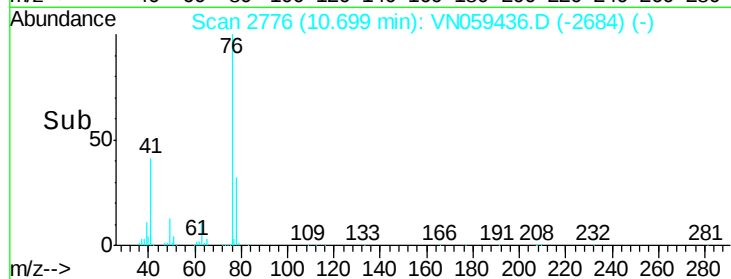
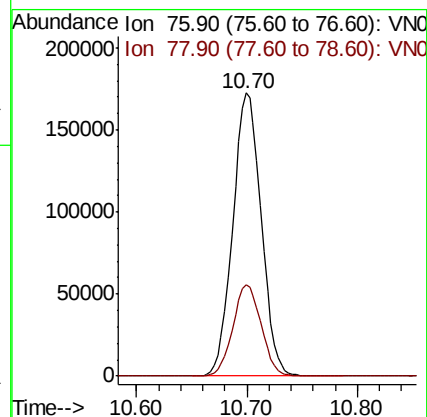
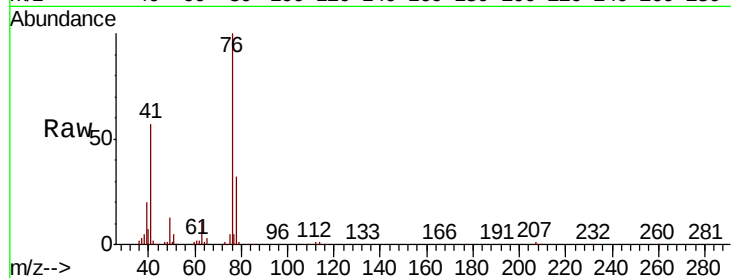
ClientSampleId :

Tot Ion: 76 Resp: 308235

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 206.035 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059436.D

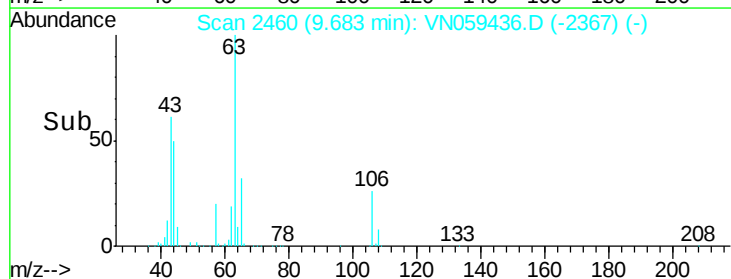
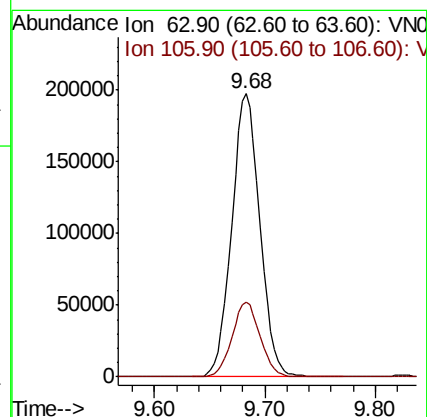
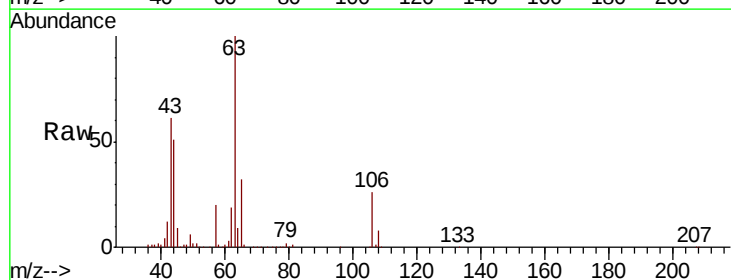
Acq: 29 Nov 2019 10:12

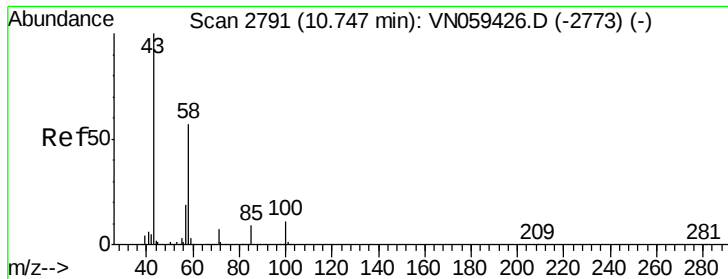
Tgt Ion: 63 Resp: 347881

Ion Ratio Lower Upper

63 100

106 26.4 20.9 31.3

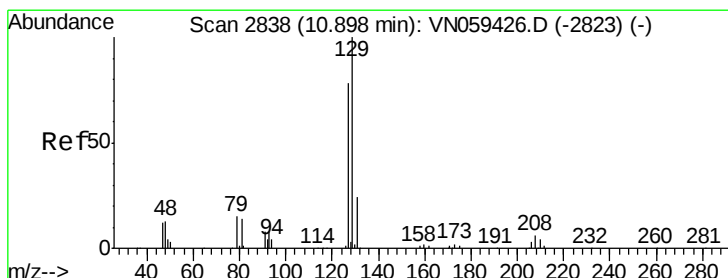
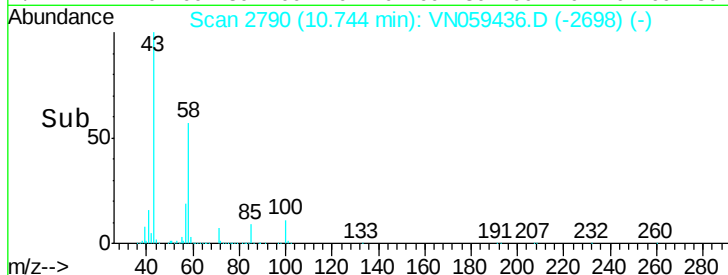
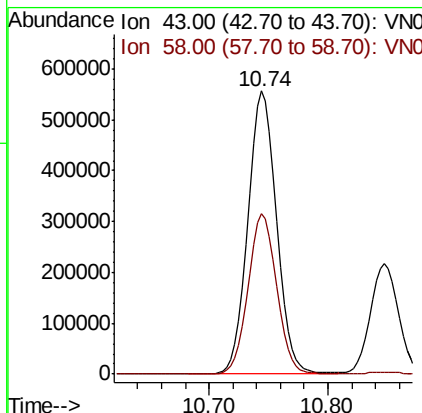
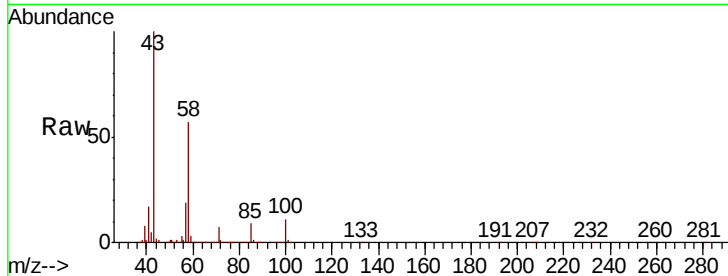




#59
2-Hexanone
Concen: 236.687 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

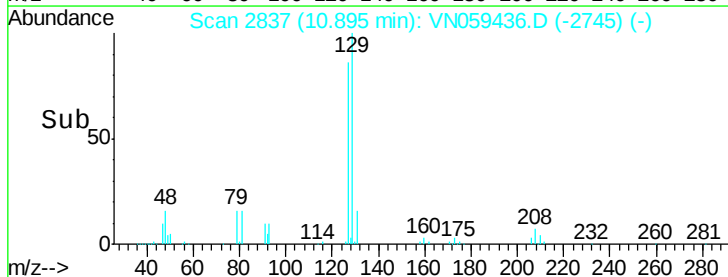
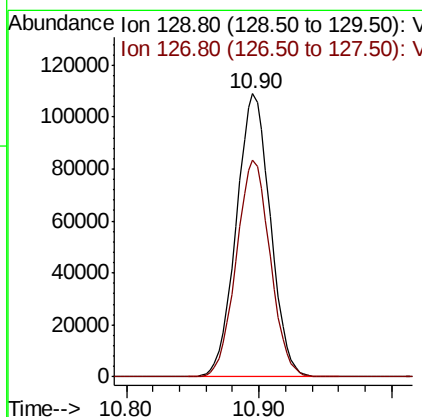
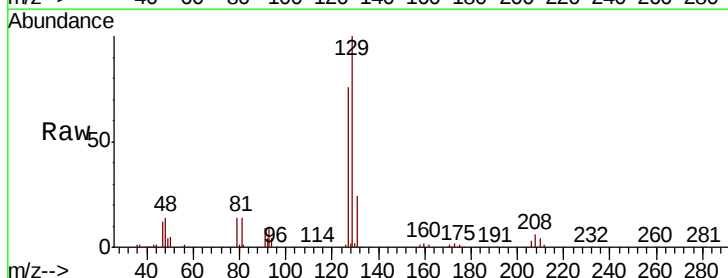
Instrument :
MSVOA_N
ClientSampleId :

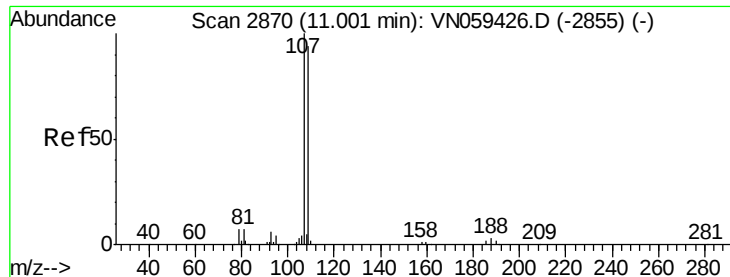
Tot Ion: 43 Resp: 928692
Ion Ratio Lower Upper
43 100
58 56.5 28.3 85.0



#60
Dibromochloromethane
Concen: 47.200 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 129 Resp: 194156
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

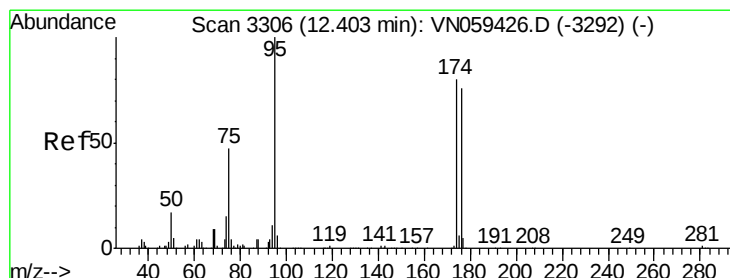
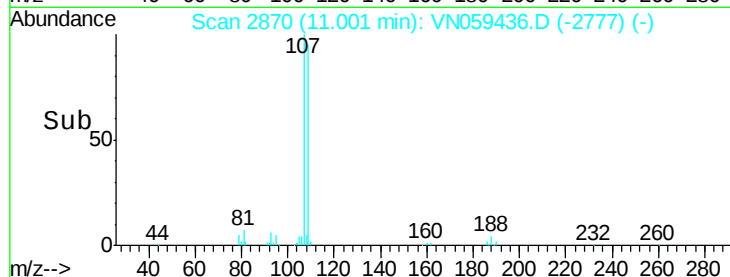
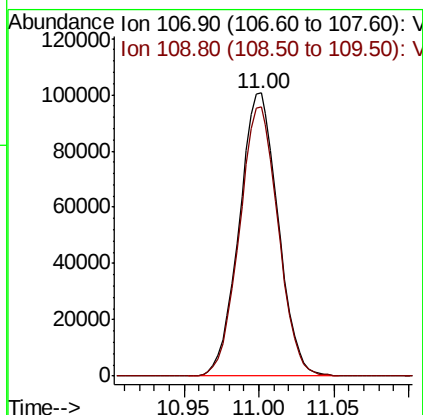
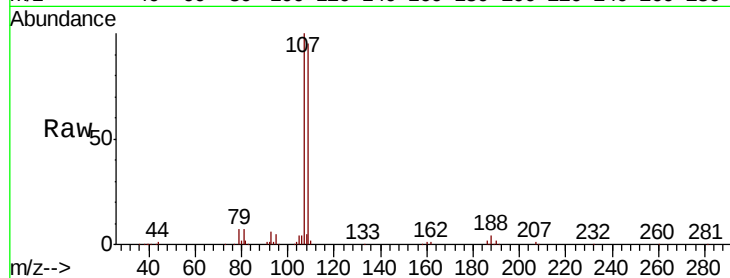




#61
 1,2-Dibromoethane
 Concen: 45.088 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

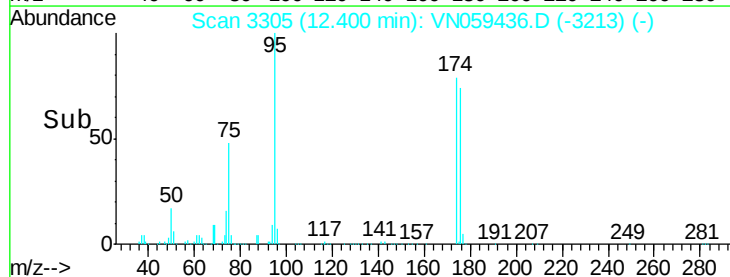
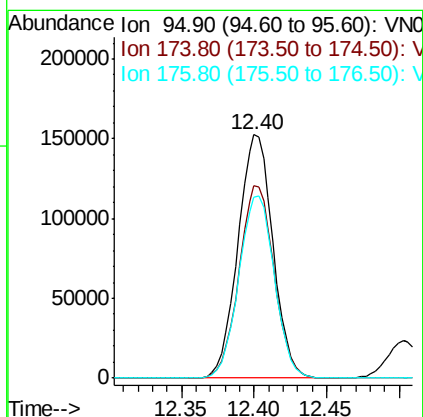
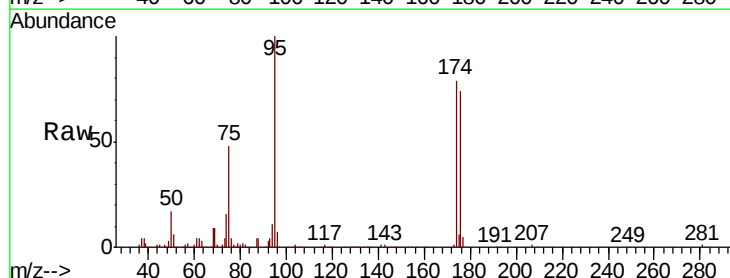
Instrument :
 MSVOA_N
 ClientSampled :

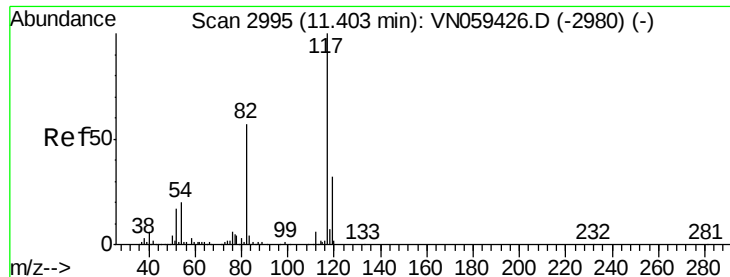
Tot Ion: 107 Resp: 182070
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.197 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Tgt Ion: 95 Resp: 255353
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 158.0
 176 76.2 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

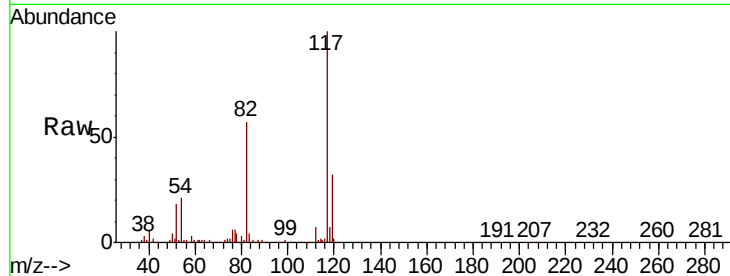
Tot Ion:117 Resp: 527099

Ion Ratio Lower Upper

117 100

82 56.6 45.4 68.0

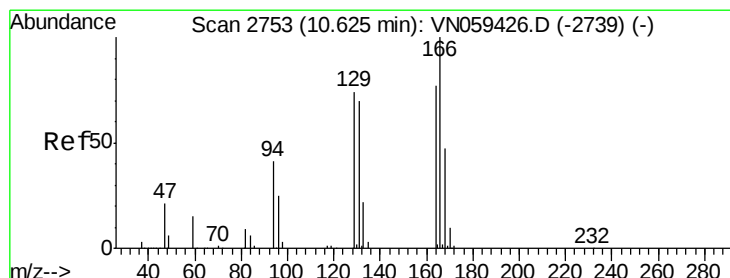
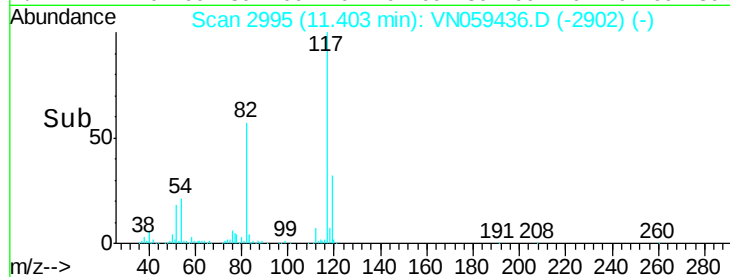
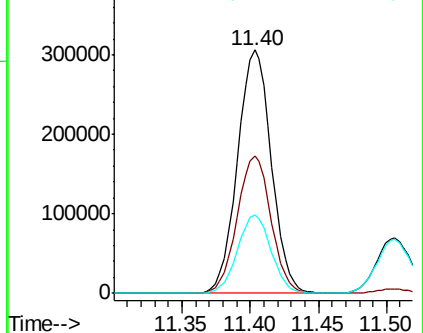
119 32.4 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 44.752 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Tgt Ion:164 Resp: 174476

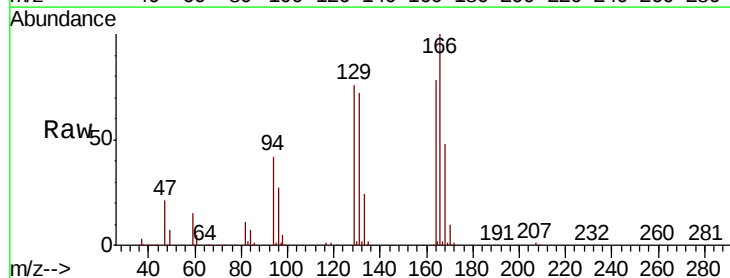
Ion Ratio Lower Upper

164 100

166 128.3 104.2 156.4

129 97.2 76.8 115.2

131 92.9 73.0 109.6

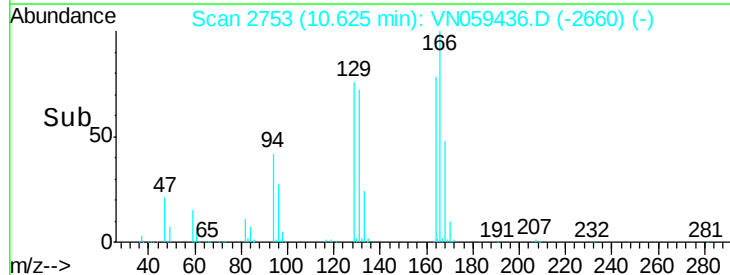
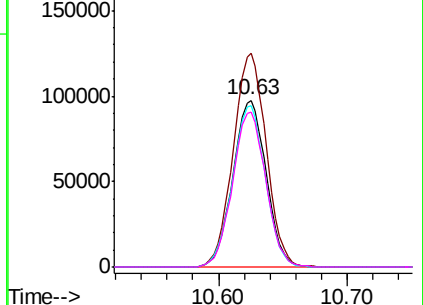


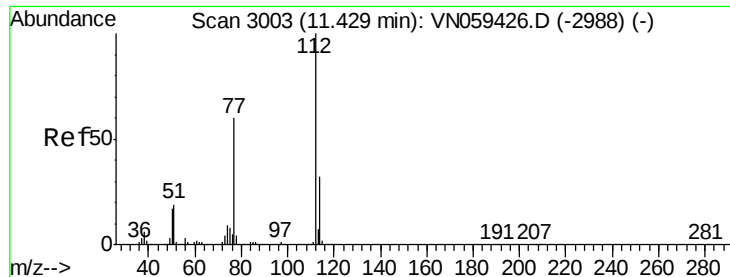
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

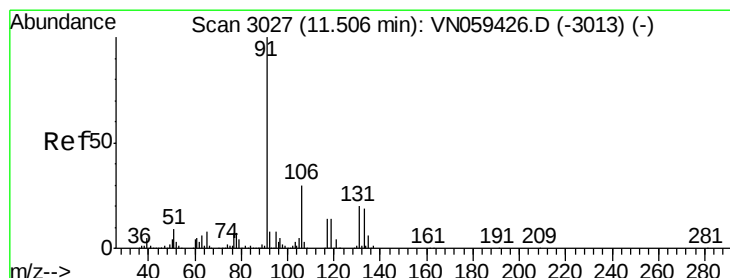
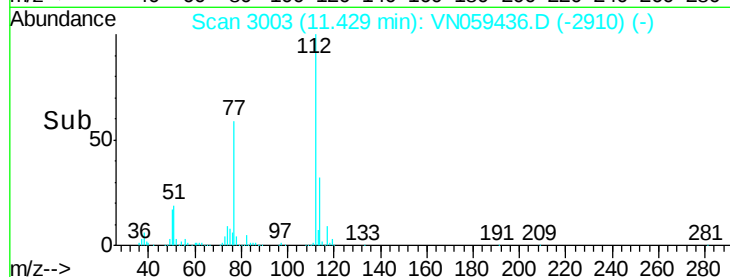
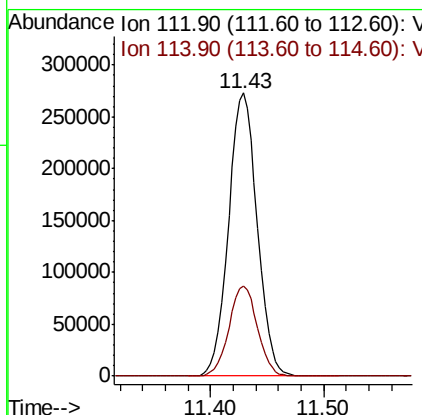
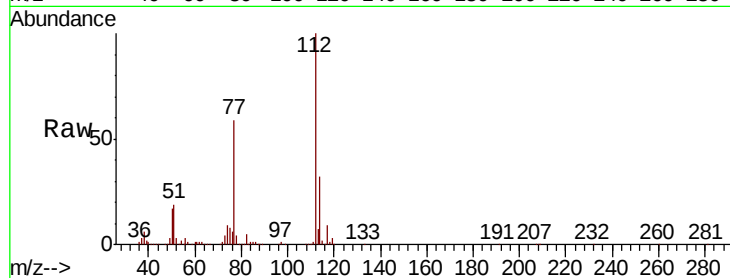




#65
Chlorobenzene
Concen: 44.943 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

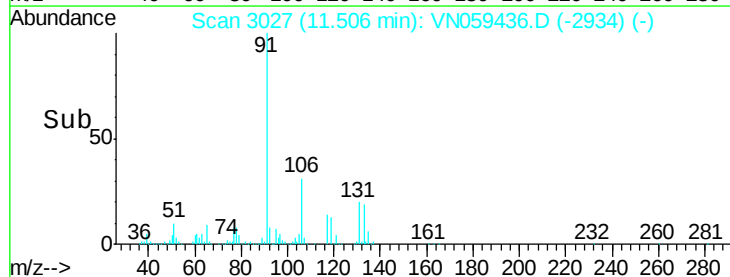
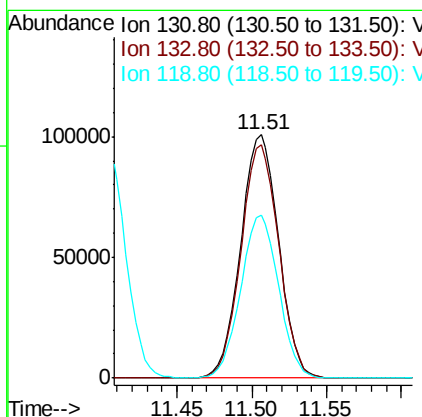
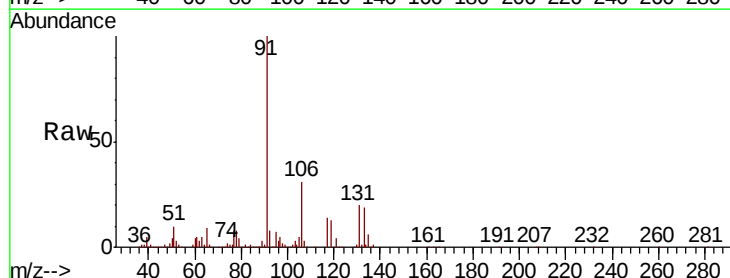
Instrument :
MSVOA_N
ClientSampled :

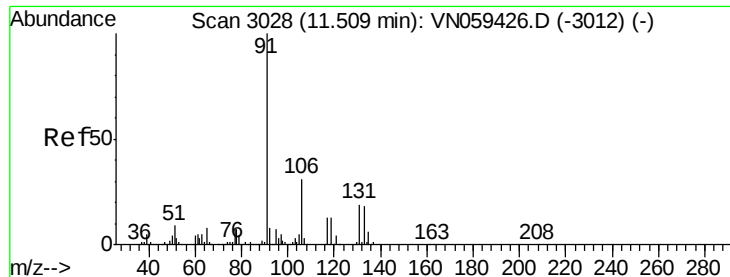
Tot Ion:112 Resp: 479581
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.992 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion:131 Resp: 177975
Ion Ratio Lower Upper
131 100
133 95.9 48.2 144.6
119 67.1 33.8 101.3





#67

Ethyl Benzene

Concen: 46.493 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

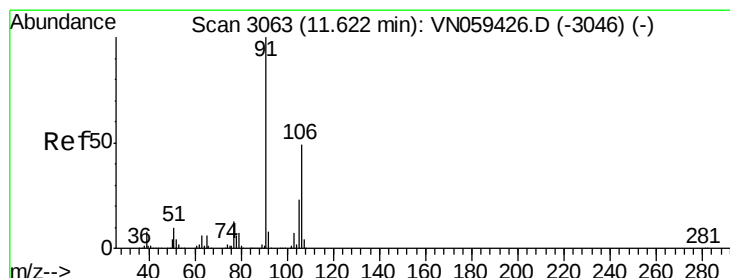
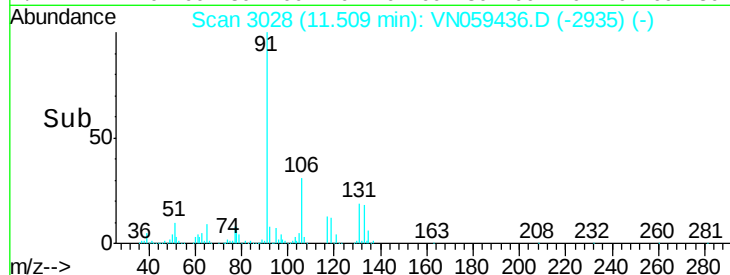
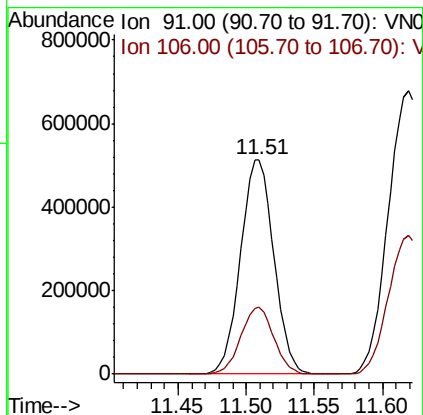
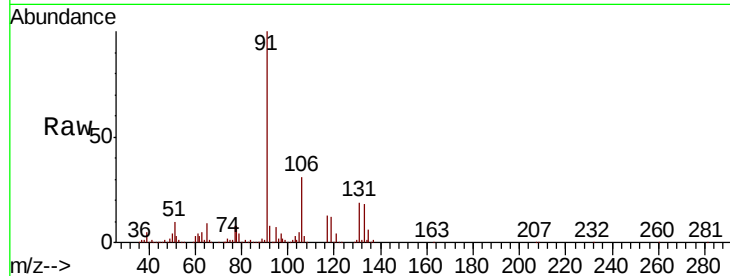
ClientSampleId :

Tot Ion: 91 Resp: 871425

Ion Ratio Lower Upper

91 100

106 31.2 24.7 37.1



#68

m/p-Xylenes

Concen: 92.430 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059436.D

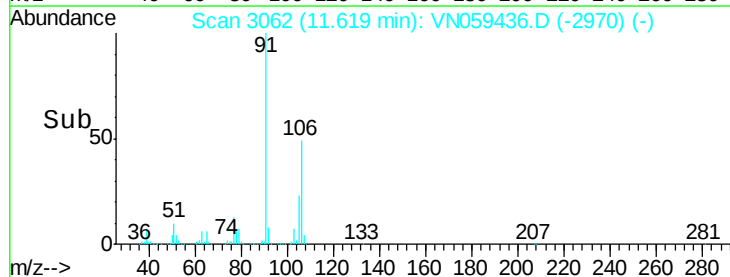
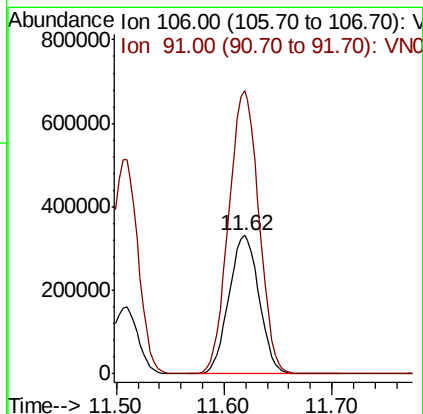
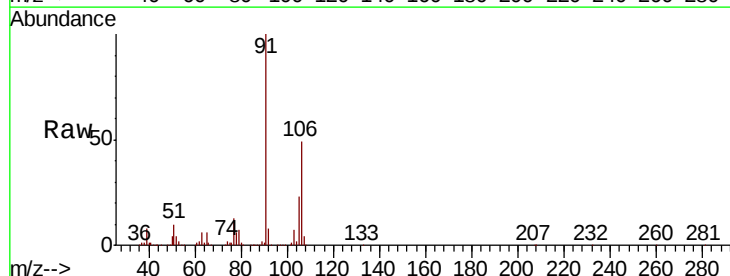
Acq: 29 Nov 2019 10:12

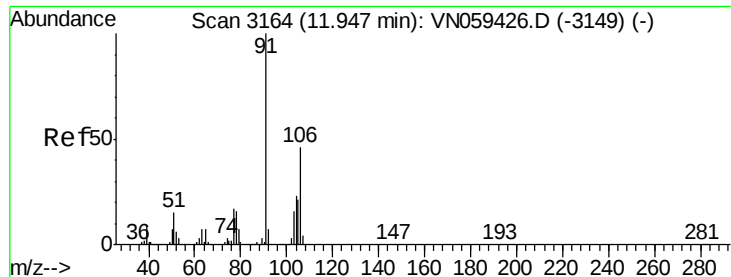
Tgt Ion: 106 Resp: 646818

Ion Ratio Lower Upper

106 100

91 204.4 163.7 245.5

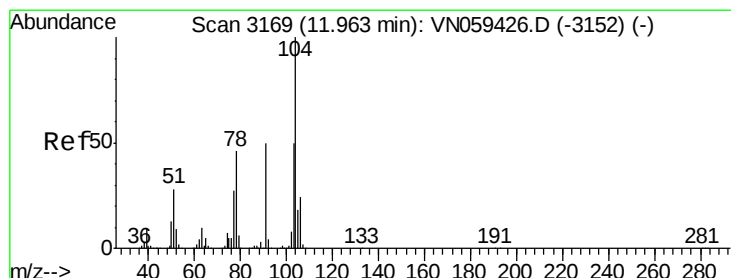
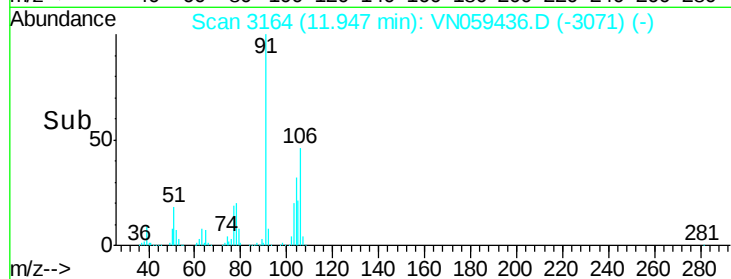
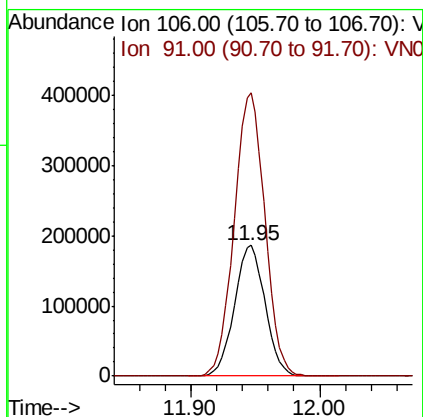
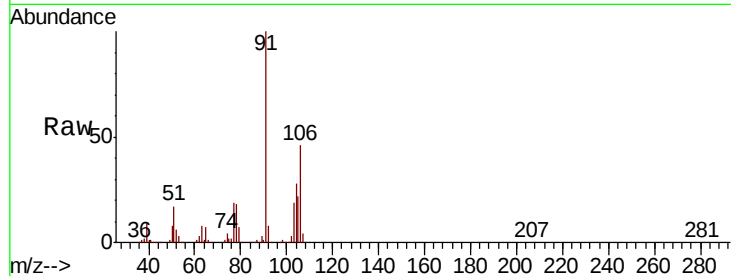




#69
o-Xylene
Concen: 45.622 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

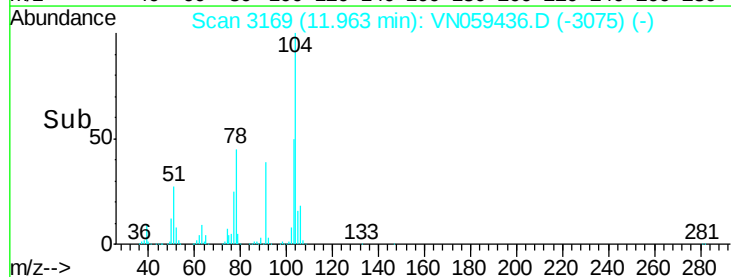
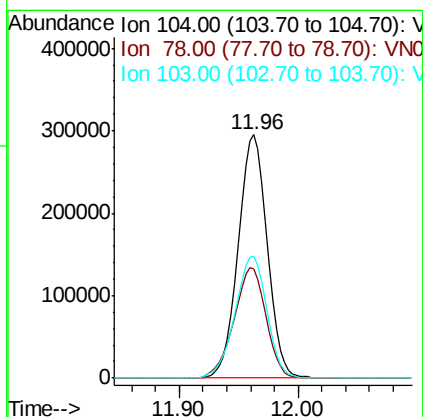
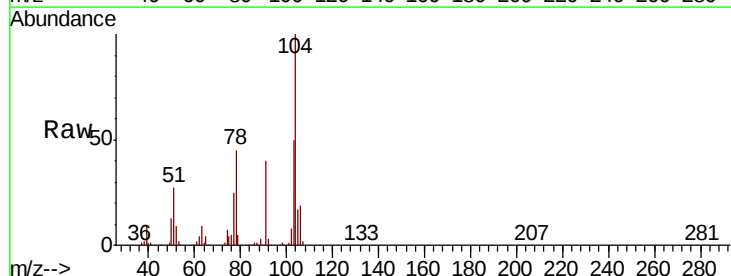
Instrument :
MSVOA_N
ClientSampled :

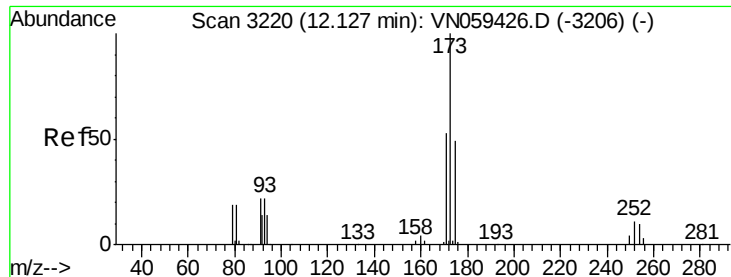
Tot Ion:106 Resp: 306178
Ion Ratio Lower Upper
106 100
91 217.8 107.5 322.4



#70
Styrene
Concen: 49.569 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion:104 Resp: 499129
Ion Ratio Lower Upper
104 100
78 50.3 40.4 60.6
103 55.0 43.8 65.6





#71

Bromoform

Concen: 46.286 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

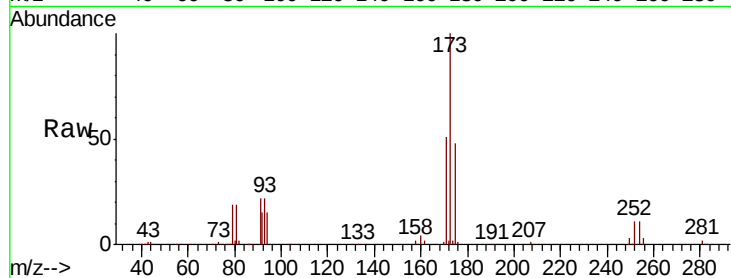
Tot Ion:173 Resp: 136384

Ion Ratio Lower Upper

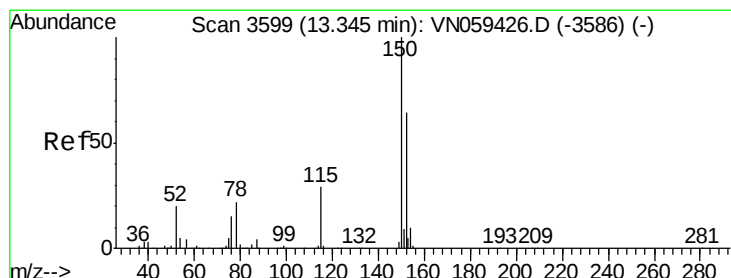
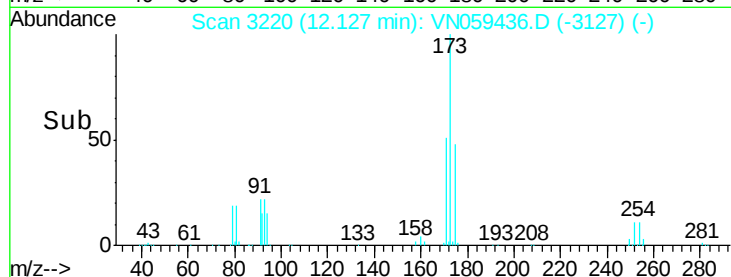
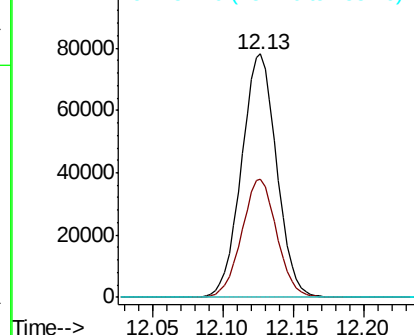
173 100

175 48.4 24.1 72.3

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

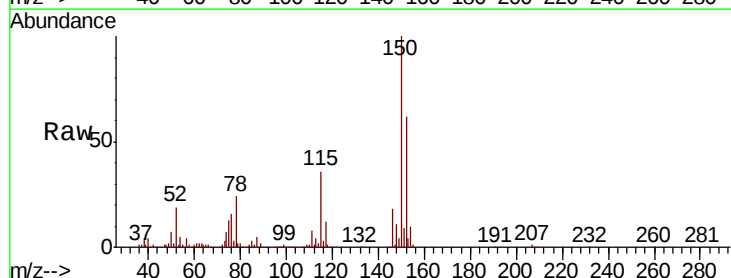
Tgt Ion:152 Resp: 245912

Ion Ratio Lower Upper

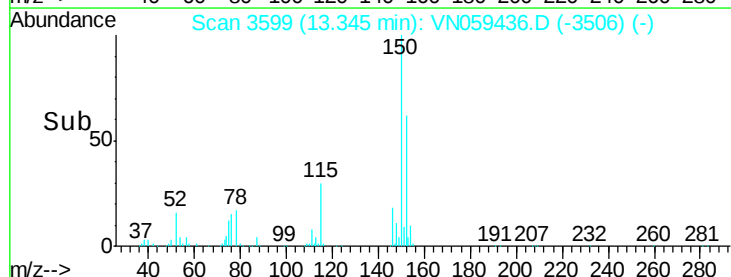
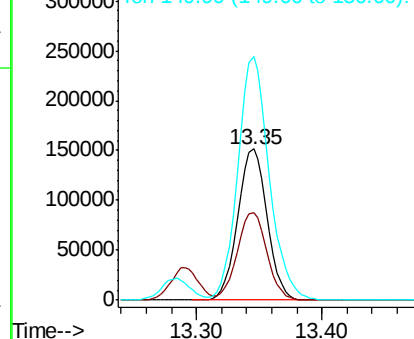
152 100

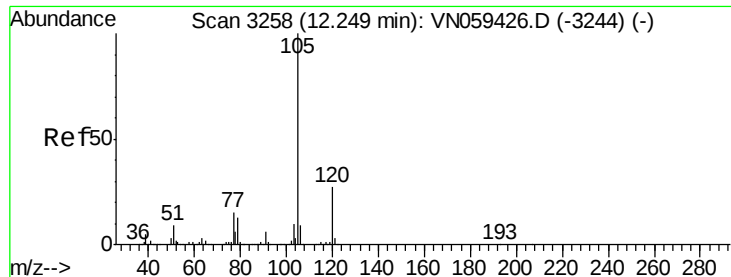
115 58.8 29.5 88.6

150 172.2 0.0 347.2



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

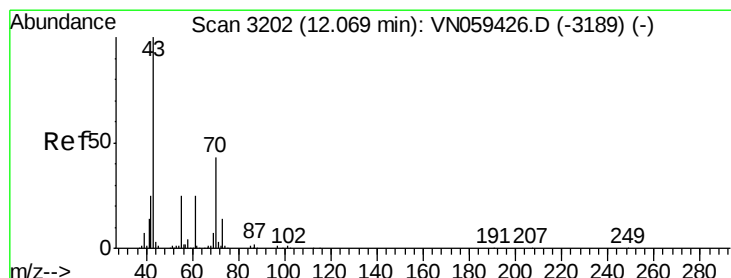
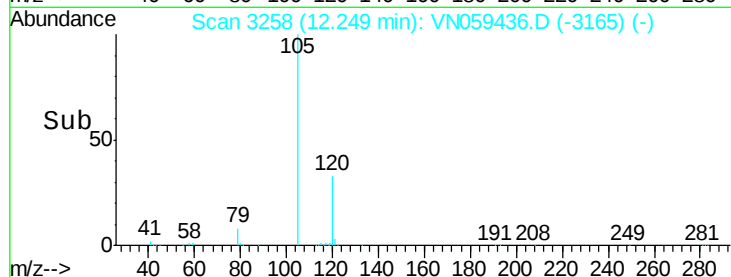
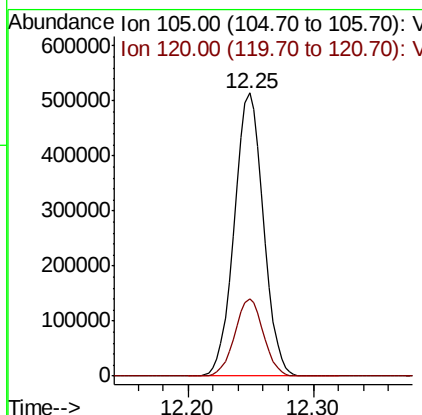
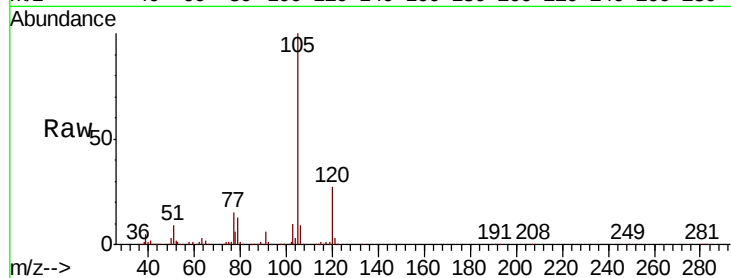




#73
Isopropylbenzene
Concen: 45.486 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

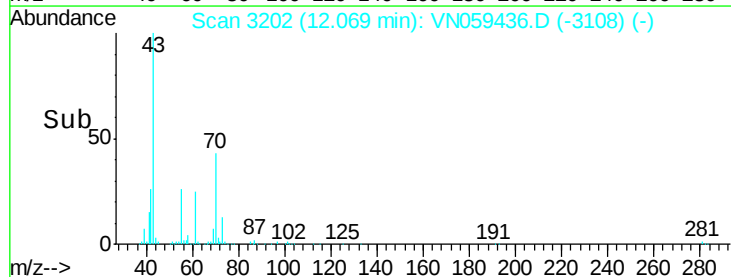
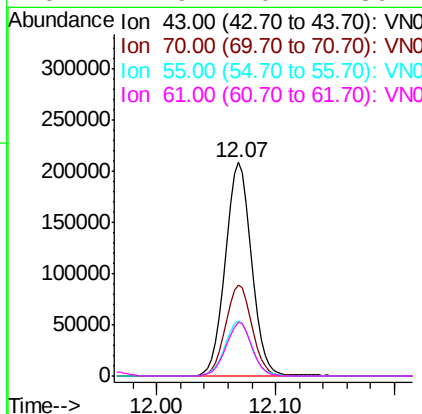
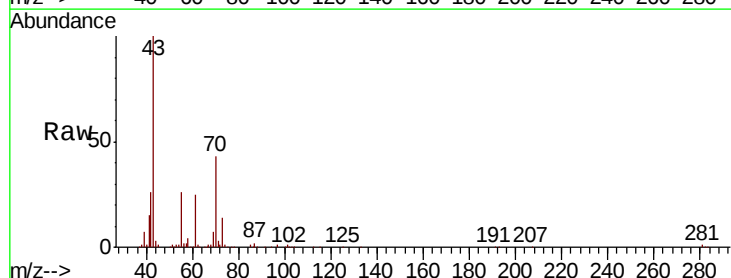
Instrument :
MSVOA_N
ClientSampled :

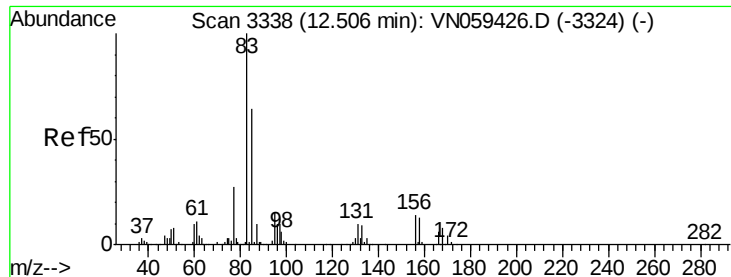
Tot Ion:105 Resp: 828643
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 49.378 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion: 43 Resp: 317215
Ion Ratio Lower Upper
43 100
70 43.3 34.6 52.0
55 26.2 20.5 30.7
61 24.9 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 43.565 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

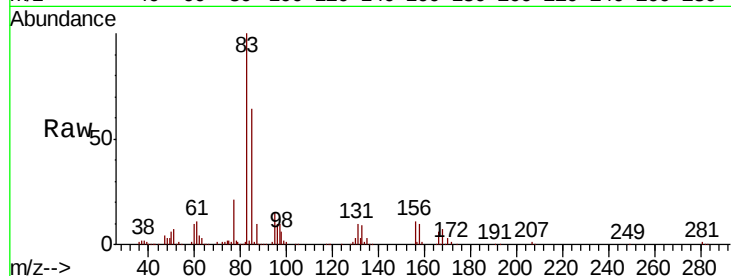
Tot Ion: 83 Resp: 258815

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 64.2 32.3 96.9

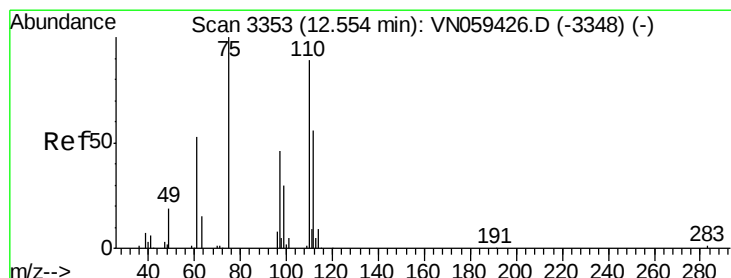
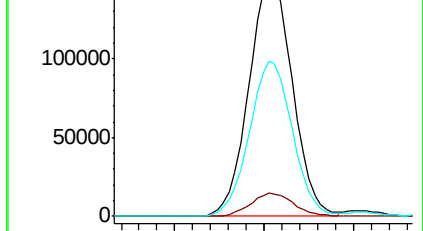
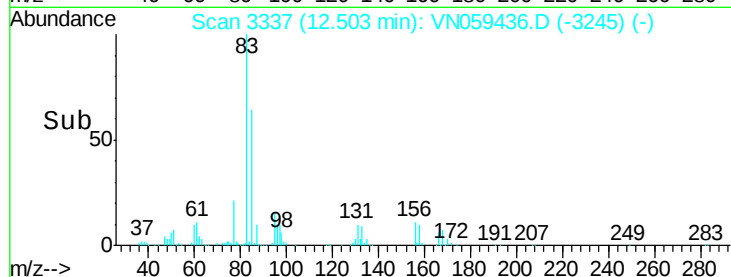


Abundance Ion 82.90 (82.60 to 83.60): VN059436.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN059436.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN059436.D (-3324) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 61.921 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059436.D

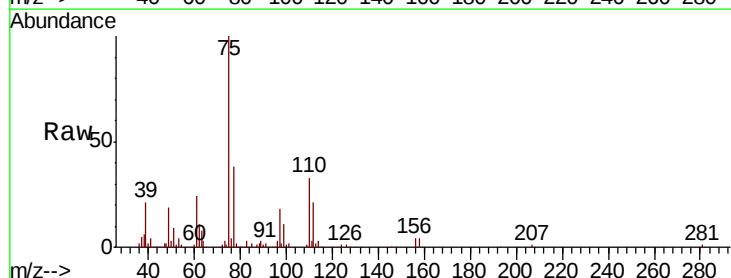
Acq: 29 Nov 2019 10:12

Tgt Ion: 75 Resp: 344481

Ion Ratio Lower Upper

75 100

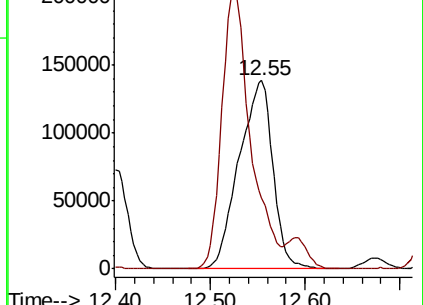
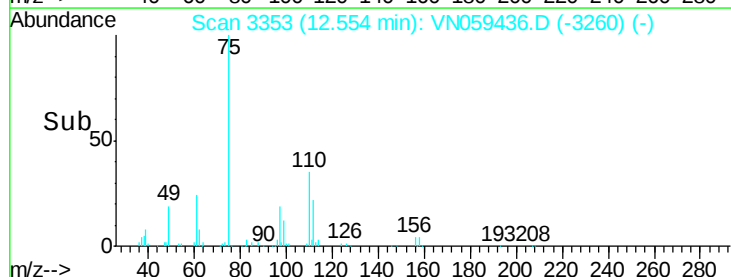
77 0.0 0.0 0.0

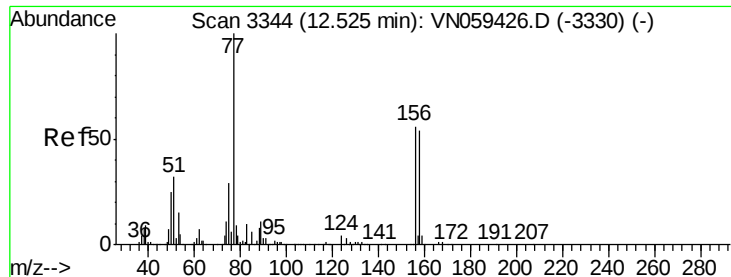


Abundance Ion 74.90 (74.60 to 75.60): VN059436.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN059436.D (-3353) (-)

Time-->





#77

Bromobenzene

Concen: 45.366 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

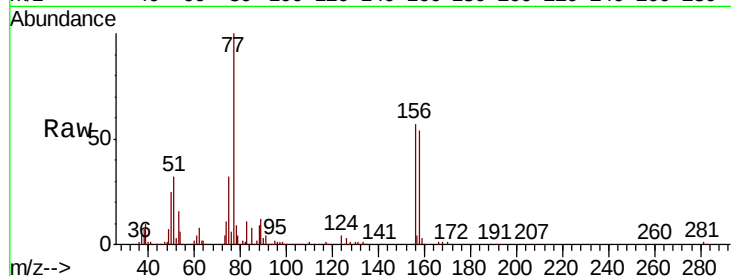
Tot Ion:156 Resp: 202341

Ion Ratio Lower Upper

156 100

77 216.1 108.7 326.3

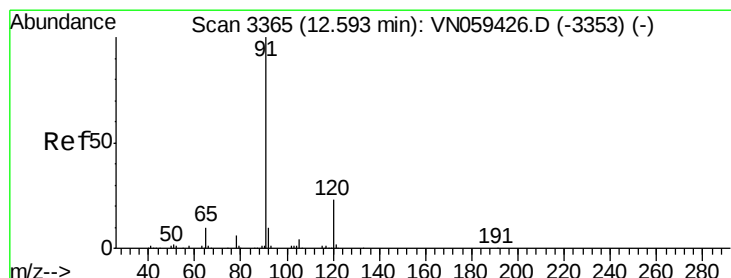
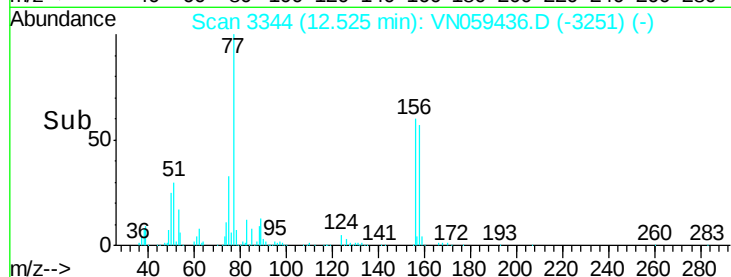
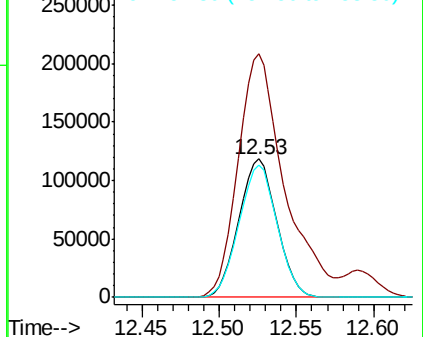
158 96.2 48.3 144.9



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: 46.113 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059436.D

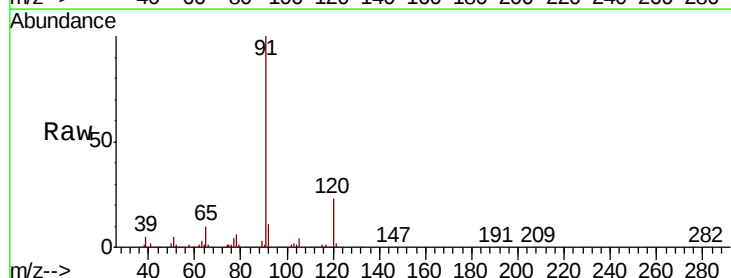
Acq: 29 Nov 2019 10:12

Tgt Ion: 91 Resp: 968054

Ion Ratio Lower Upper

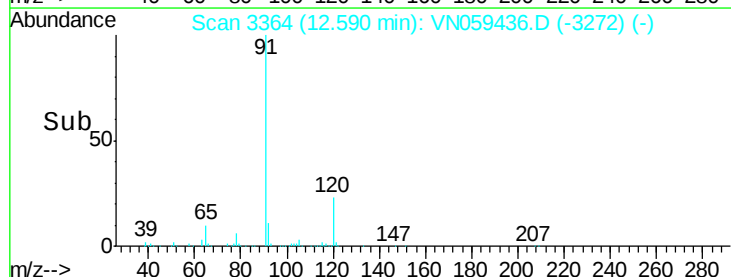
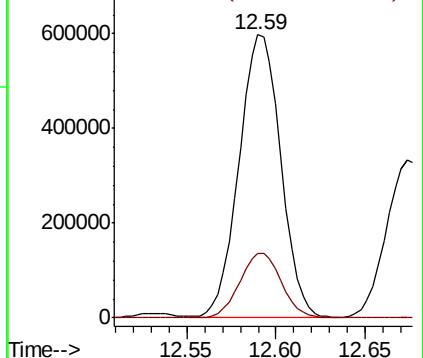
91 100

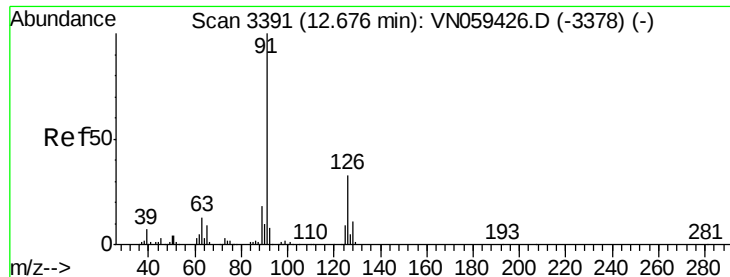
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.932 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

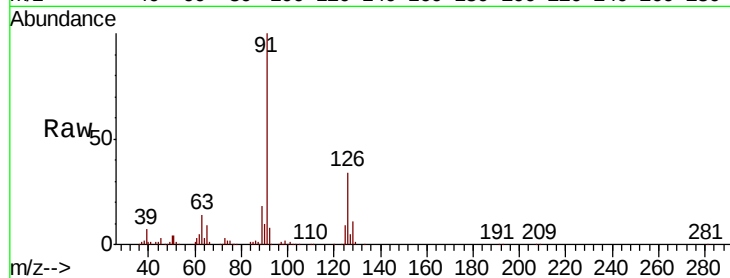
ClientSampled :

Tot Ion: 91 Resp: 563945

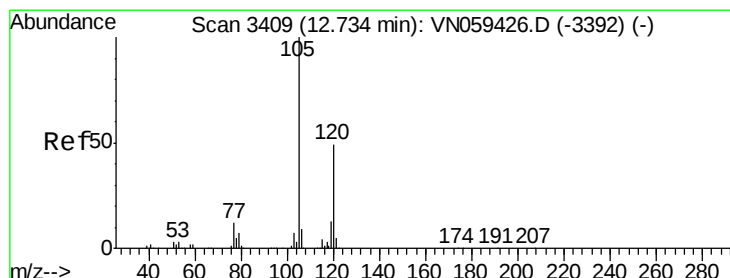
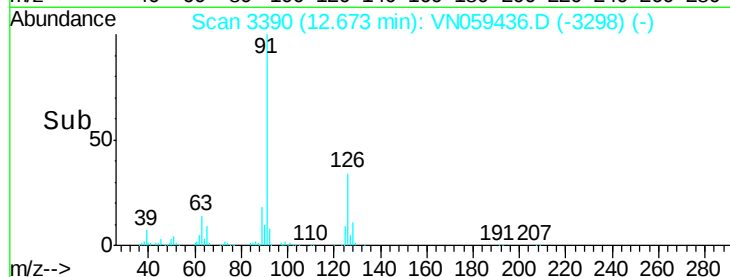
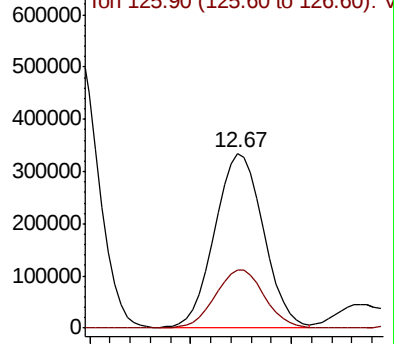
Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059436.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.881 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059436.D

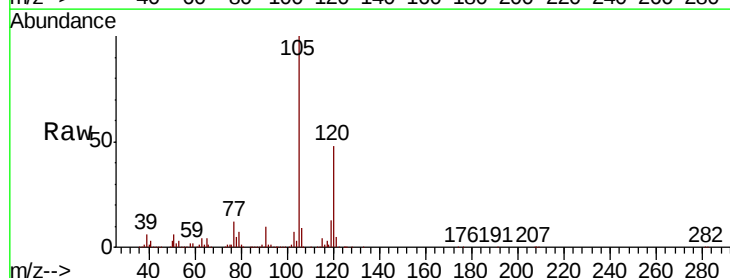
Acq: 29 Nov 2019 10:12

Tgt Ion: 105 Resp: 702589

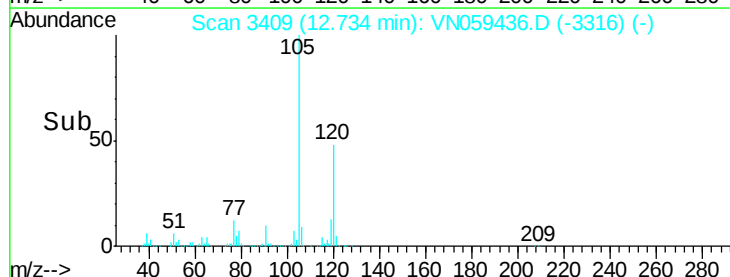
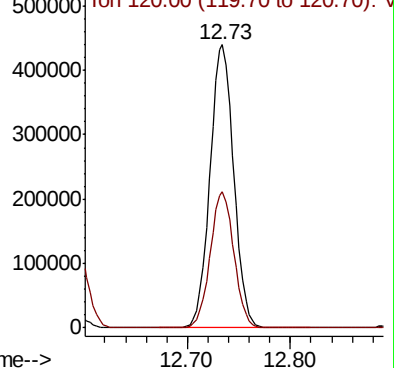
Ion Ratio Lower Upper

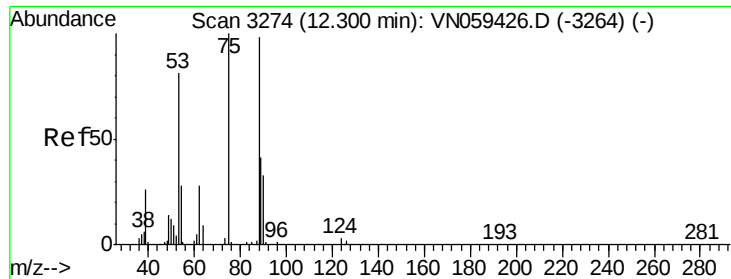
105 100

120 47.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VN059436.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.342 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

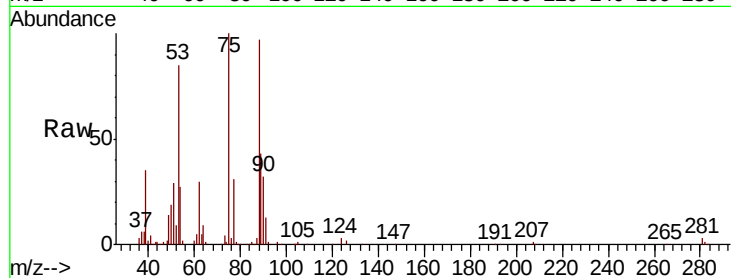
Tot Ion: 75 Resp: 96005

Ion Ratio Lower Upper

75 100

53 82.9 66.2 99.4

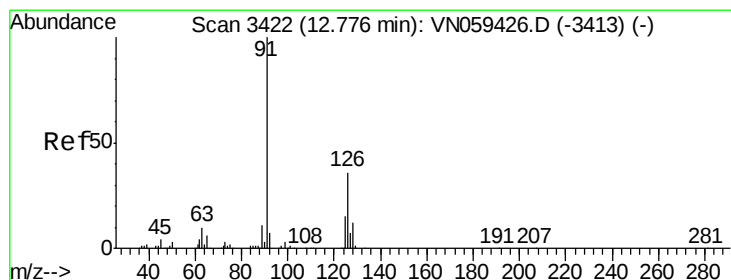
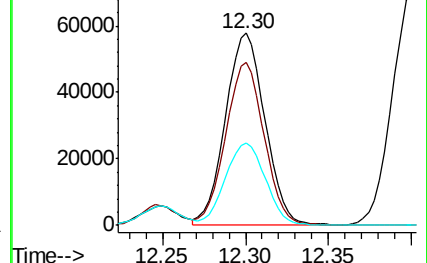
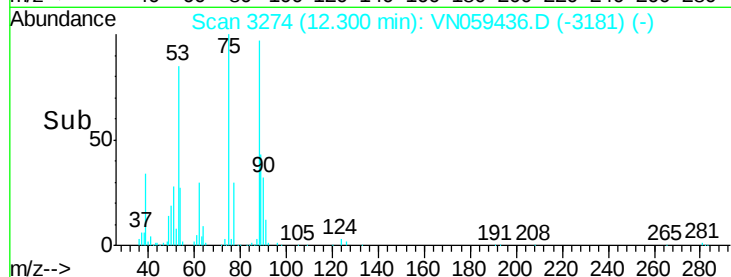
89 43.2 33.9 50.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 45.150 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059436.D

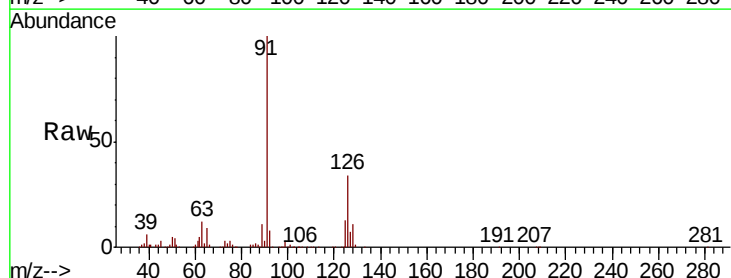
Acq: 29 Nov 2019 10:12

Tgt Ion: 91 Resp: 583052

Ion Ratio Lower Upper

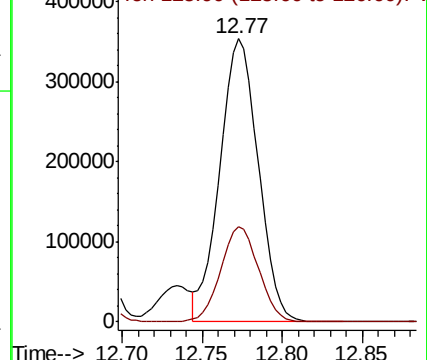
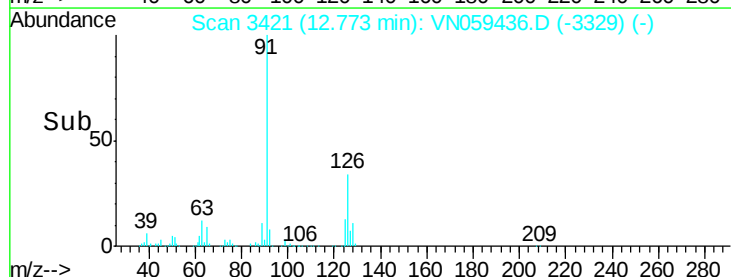
91 100

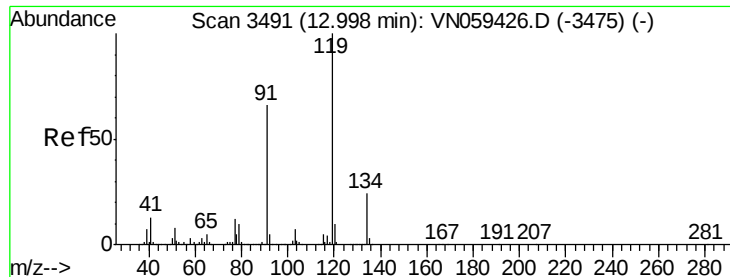
126 33.0 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

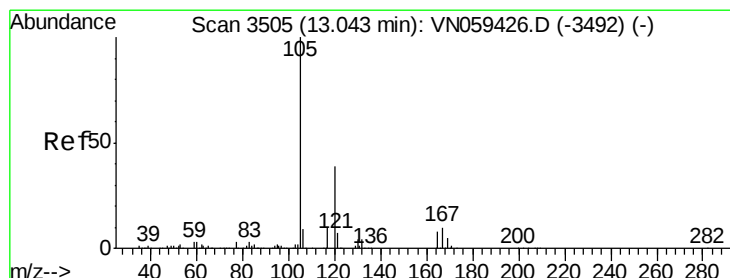
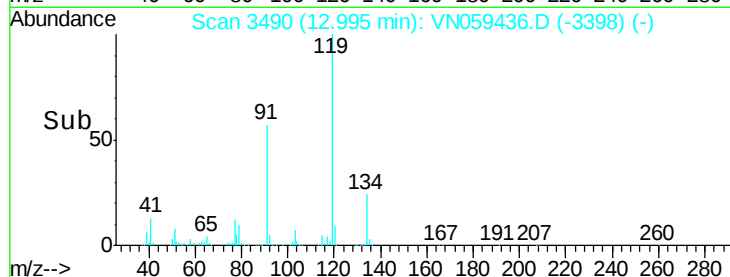
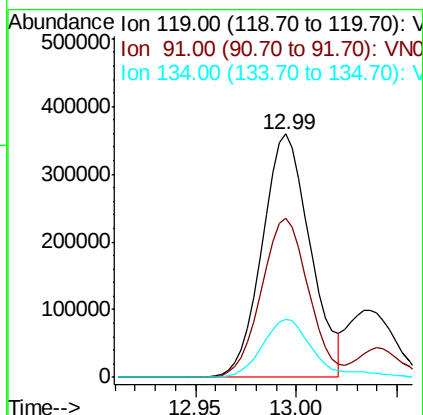
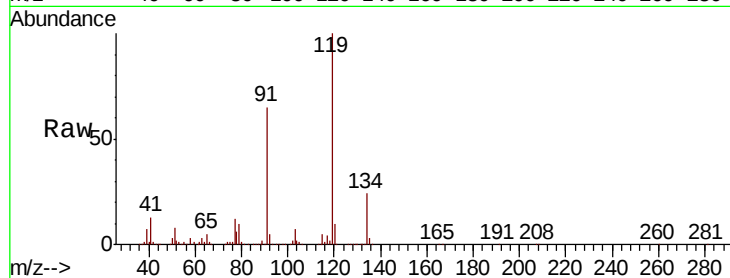




#83
tert-Butylbenzene
Concen: 45.292 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

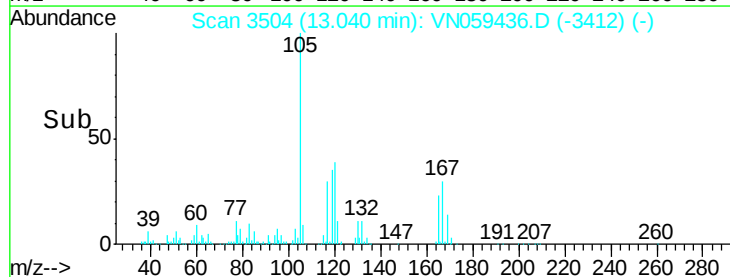
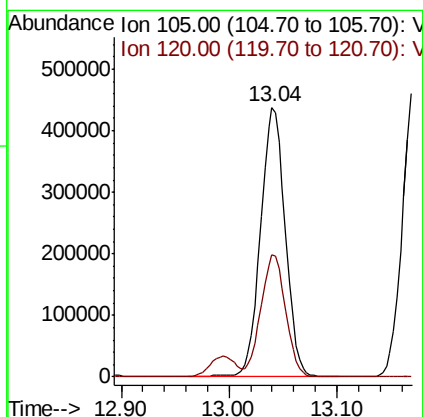
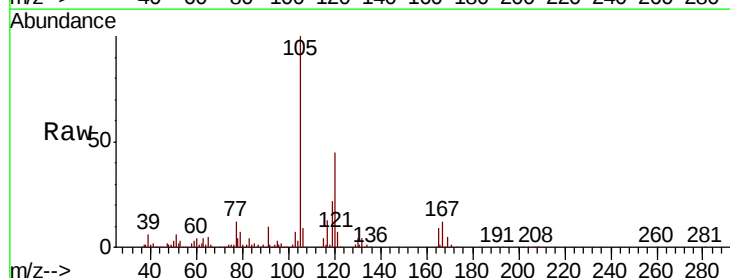
Instrument :
MSVOA_N
ClientSampleId :

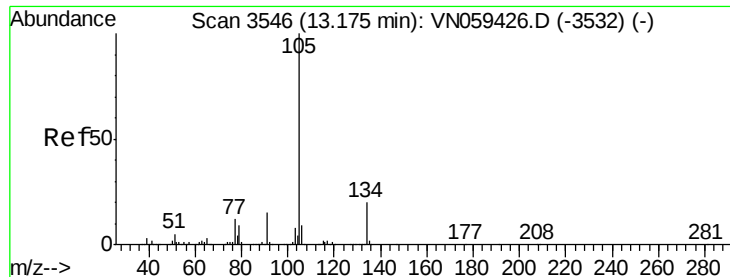
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.8	98.4
134	25.5	12.9	38.6



#84
1,2,4-Trimethylbenzene
Concen: 46.302 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059436.D
Acq: 29 Nov 2019 10:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.7





#85

sec-Butylbenzene

Concen: 45.885 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

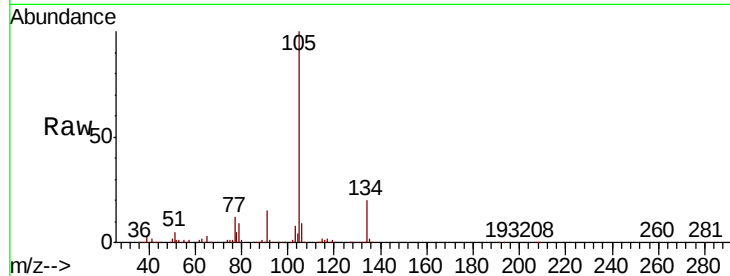
ClientSampled :

Tot Ion:105 Resp: 801222

Ion Ratio Lower Upper

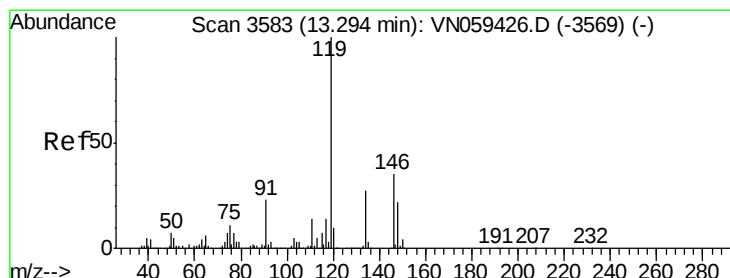
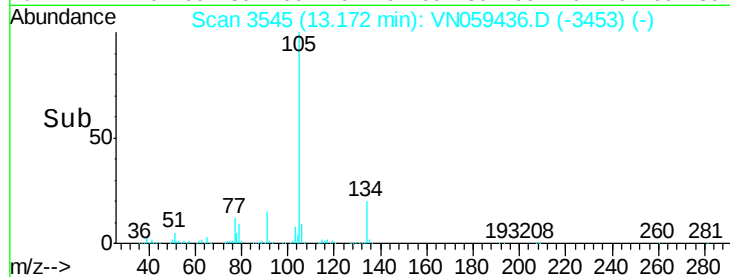
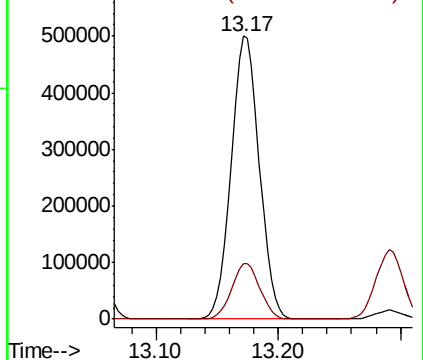
105 100

134 19.8 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.969 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

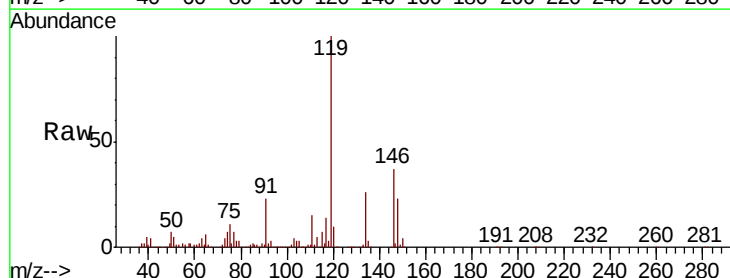
Tgt Ion:119 Resp: 725672

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

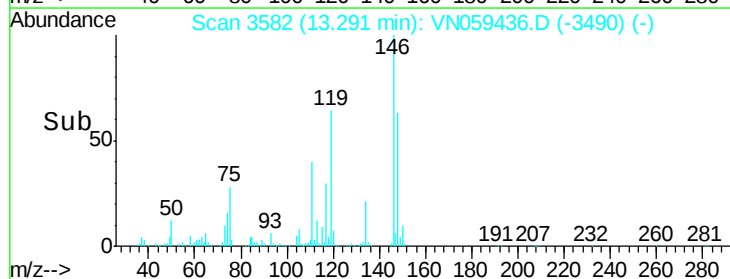
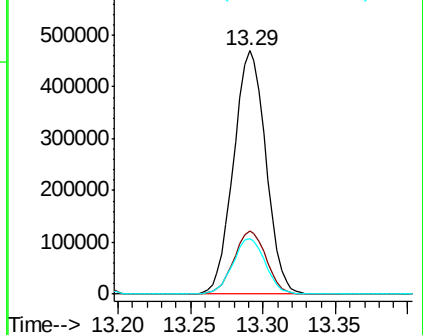
91 22.7 11.5 34.4

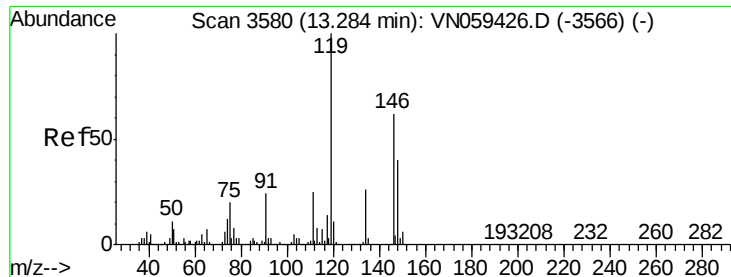


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 44.838 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

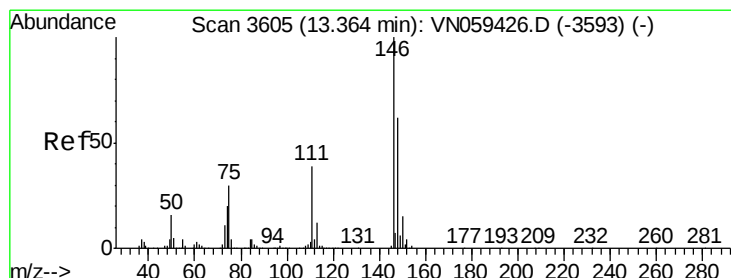
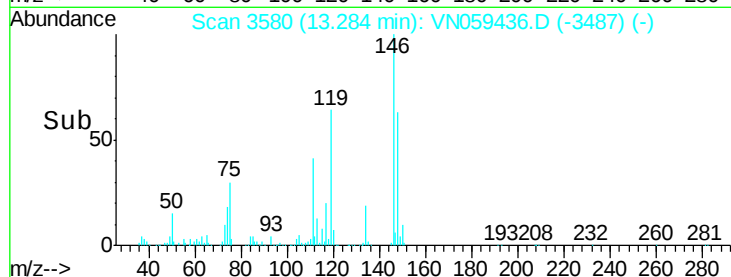
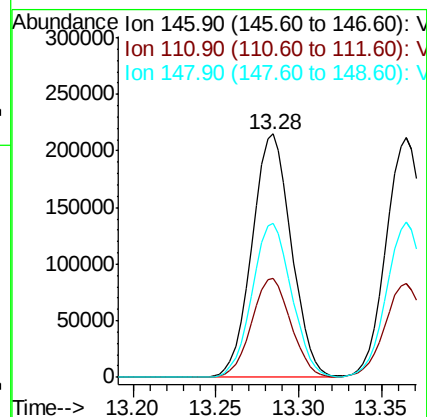
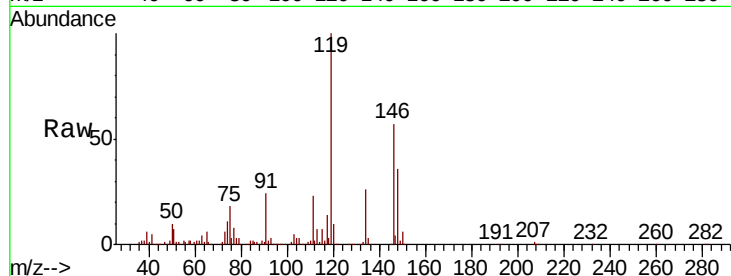
Tot Ion:146 Resp: 354415

Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.2

148 63.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 43.772 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

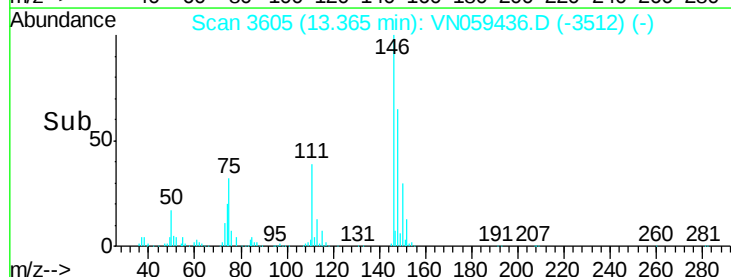
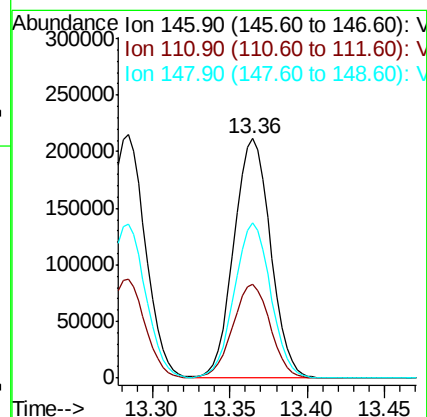
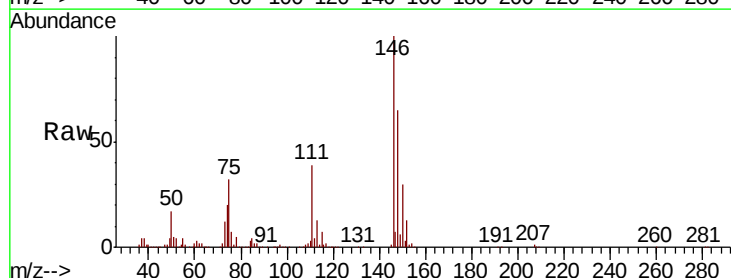
Tgt Ion:146 Resp: 347351

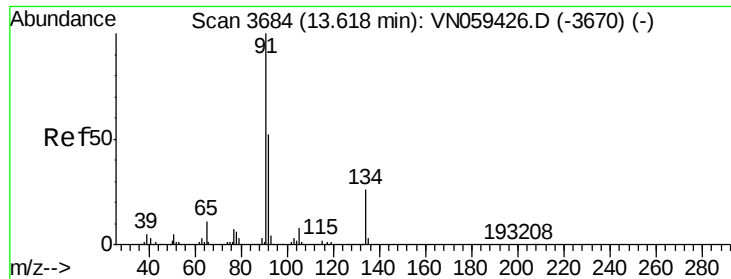
Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.7

148 64.6 31.6 95.0





#89

n-Butylbenzene

Concen: 45.578 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

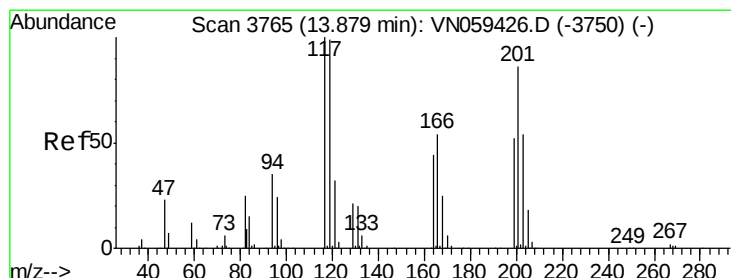
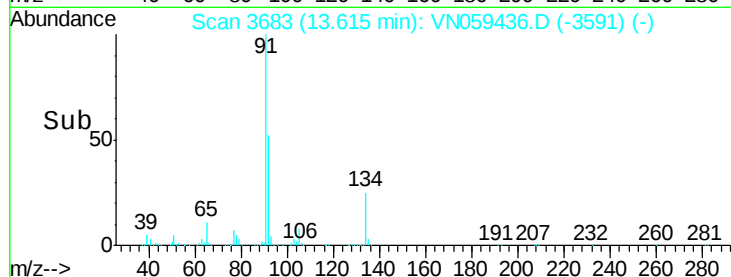
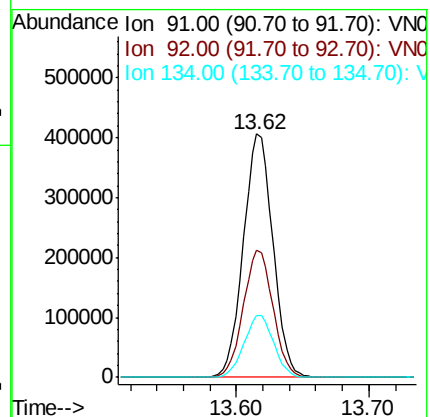
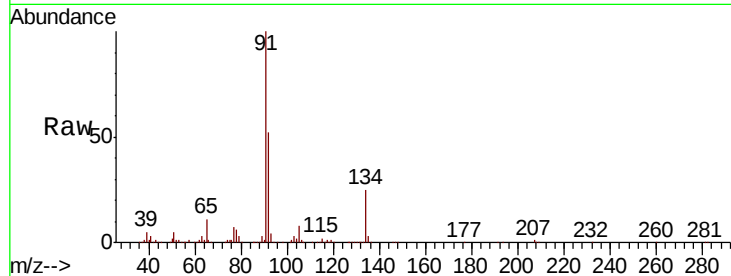
Tot Ion: 91 Resp: 628950

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

134 25.4 12.8 38.4



#90

Hexachloroethane

Concen: 43.934 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059436.D

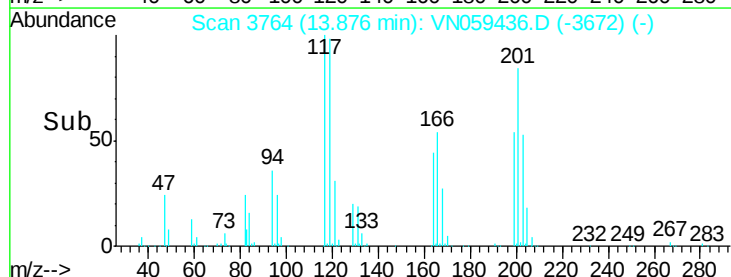
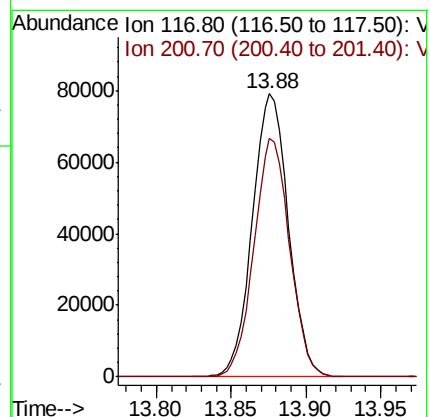
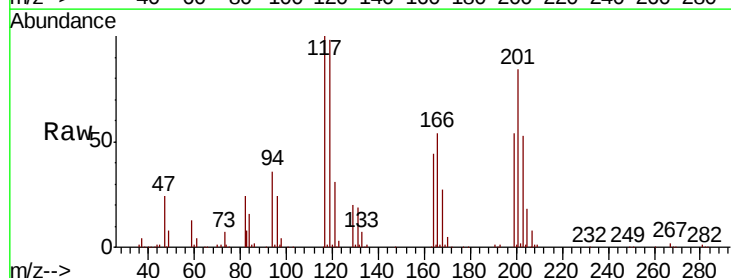
Acq: 29 Nov 2019 10:12

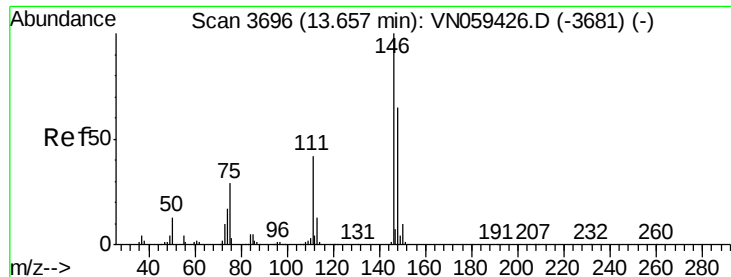
Tgt Ion: 117 Resp: 132559

Ion Ratio Lower Upper

117 100

201 83.5 42.1 126.4





#91

1,2-Dichlorobenzene

Concen: 44.020 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

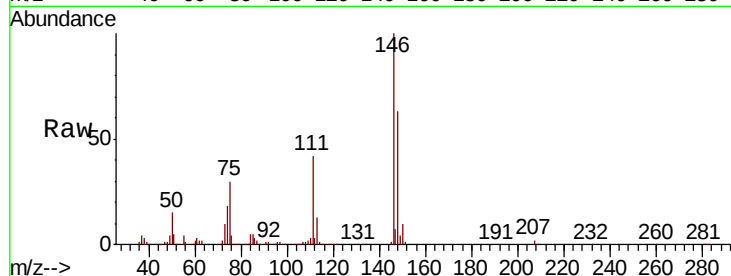
Tot Ion:146 Resp: 340944

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

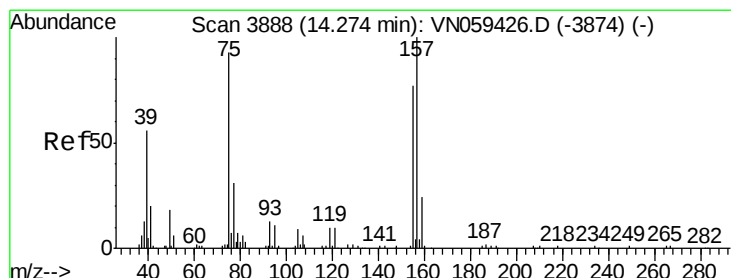
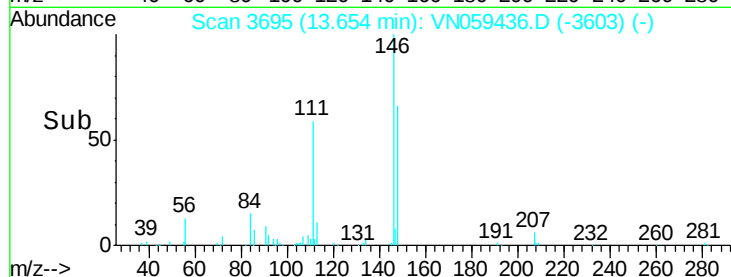
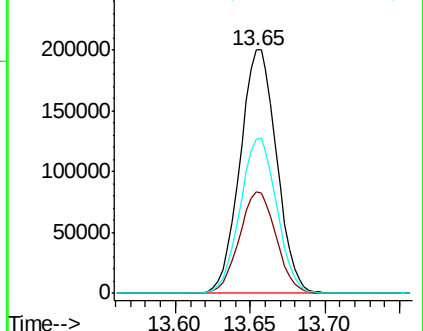
148 63.8 32.0 96.2



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: 47.851 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

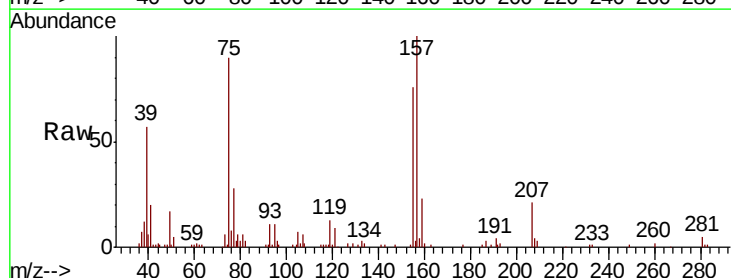
Tgt Ion: 75 Resp: 48603

Ion Ratio Lower Upper

75 100

155 84.3 41.9 125.8

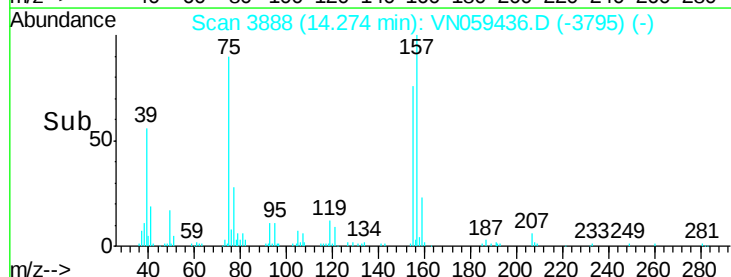
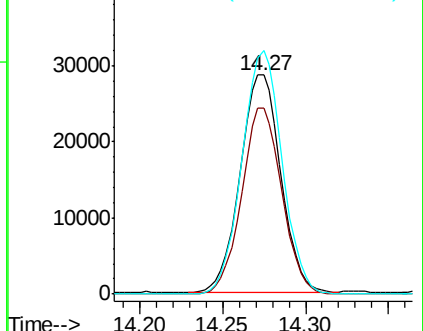
157 110.6 54.1 162.3

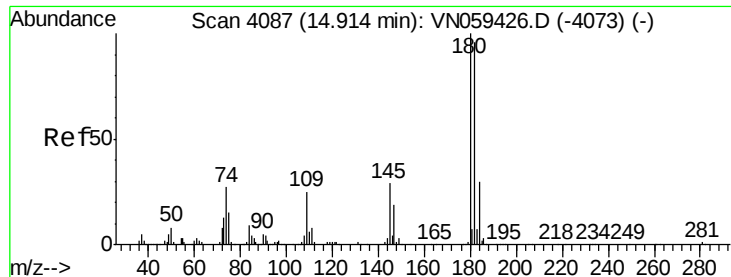


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

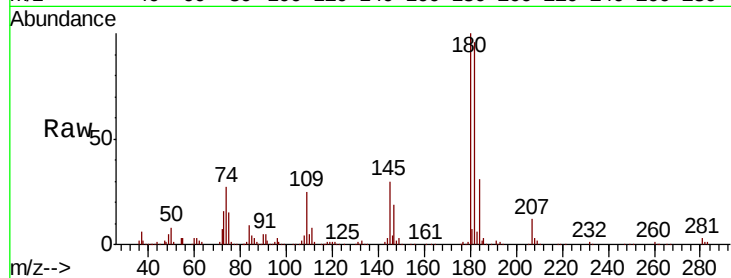




#93
 1,2,4-Trichlorobenzene
 Concen: 42.034 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	29.6	14.8	44.4

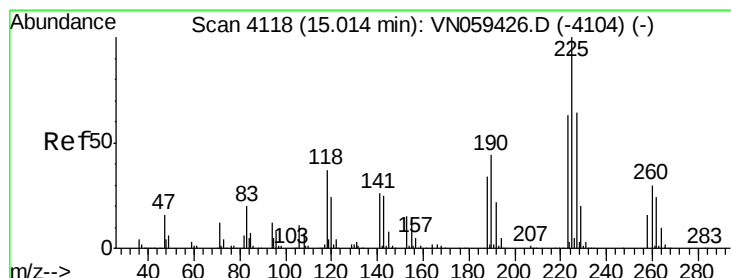
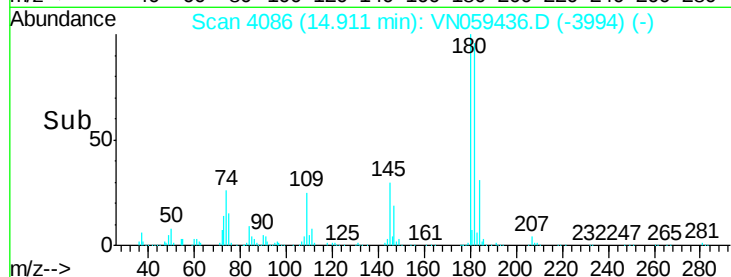
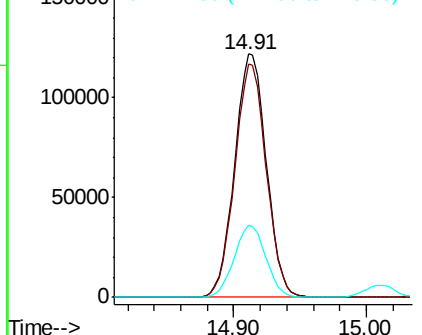


Abundance

Ion 179.80 (179.50 to 180.50): V

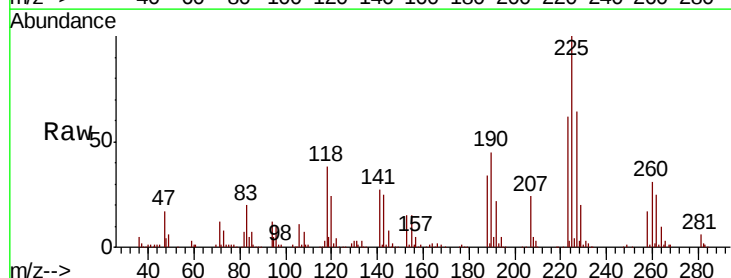
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 42.128 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059436.D
 Acq: 29 Nov 2019 10:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.5	94.5
227	63.6	31.9	95.7

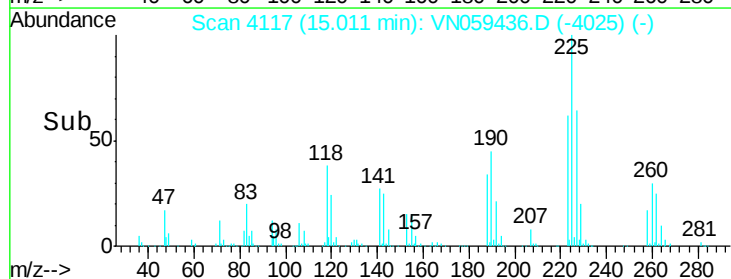
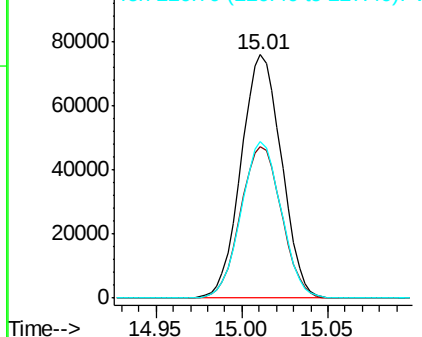


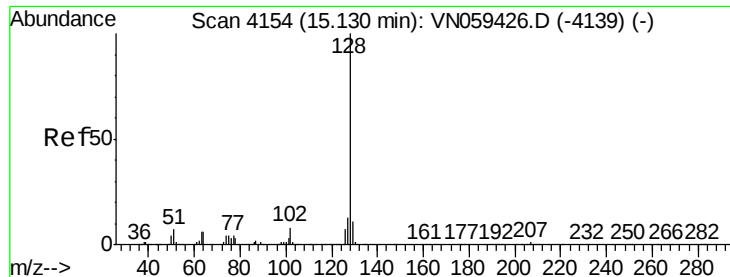
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.733 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

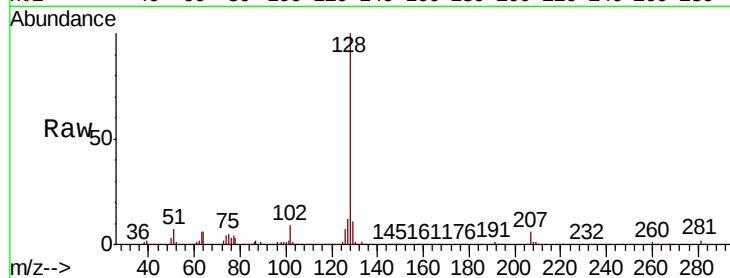
Tot Ion:128 Resp: 518889

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

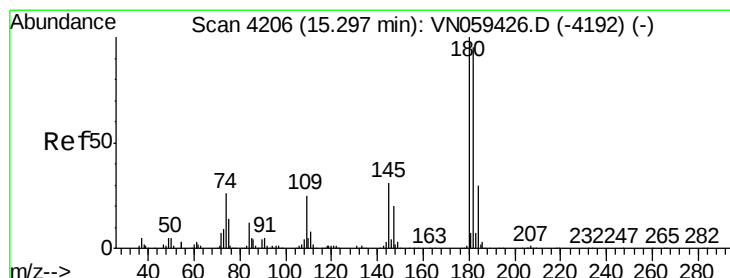
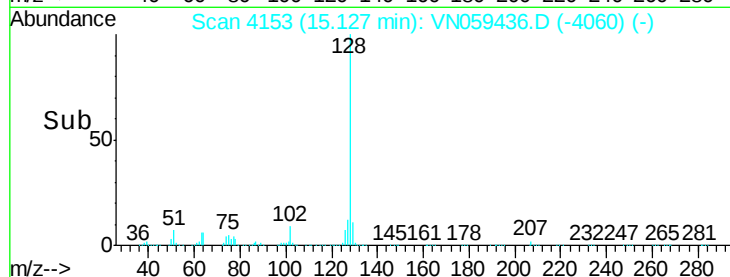
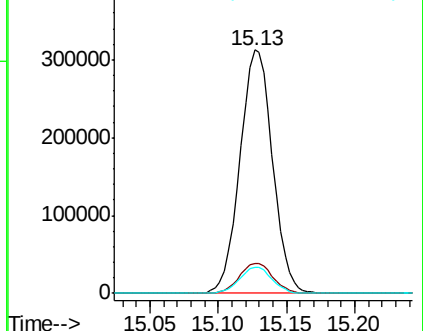
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.528 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059436.D

Acq: 29 Nov 2019 10:12

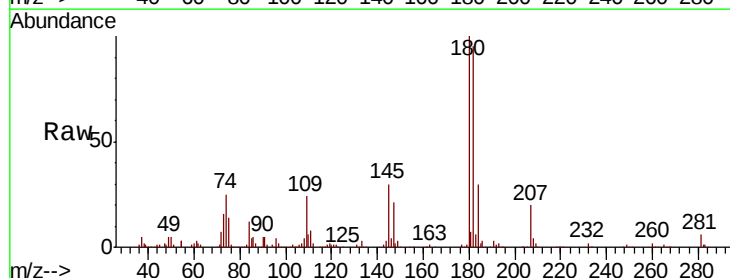
Tgt Ion:180 Resp: 202025

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.6

145 30.9 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

