

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059434.D
 Acq On : 27 Nov 2019 20:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 29 03:03:09 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	7.65	168	334131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	531010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	192778	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.57	113	157515	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.08	98	621457	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	222235	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	212724	54.092	ug/l	100
3) Chloromethane	2.04	50	253717	52.817	ug/l	99
4) Vinyl Chloride	2.17	62	241989	52.422	ug/l	100
5) Bromomethane	2.54	94	137867	49.604	ug/l	100
6) Chloroethane	2.68	64	135297	52.274	ug/l	97
7) Trichlorofluoromethane	3.00	101	285349	51.897	ug/l	97
8) Diethyl Ether	3.39	74	115941	51.812	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	174306	51.473	ug/l	99
10) Methyl Iodide	3.93	142	238242	54.051	ug/l	99
11) Tert butyl alcohol	4.75	59	187214	276.110	ug/l #	84
12) 1,1-Dichloroethene	3.72	96	175353	52.875	ug/l	99
13) Acrolein	3.58	56	171847	259.633	ug/l	99
14) Allyl chloride	4.29	41	315899	51.360	ug/l	98
15) Acrylonitrile	4.95	53	523623	277.141	ug/l	99
16) Acetone	3.79	43	432812	232.117	ug/l	99
17) Carbon Disulfide	4.03	76	550457	48.368	ug/l	100
18) Methyl Acetate	4.30	43	262192	51.635	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	569369	53.278	ug/l	99
20) Methylene Chloride	4.53	84	195721	51.658	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	185185	51.252	ug/l	98
22) Diisopropyl ether	5.92	45	609749	53.346	ug/l	98
23) Vinyl Acetate	5.87	43	2612915	283.358	ug/l	99
24) 1,1-Dichloroethane	5.82	63	346294	52.657	ug/l	99
25) 2-Butanone	6.81	43	683618	266.502	ug/l	100
26) 2,2-Dichloropropane	6.80	77	283126	50.589	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	209212	52.942	ug/l	99
28) Bromochloromethane	7.18	49	133291	47.438	ug/l	97
29) Tetrahydrofuran	7.19	42	473290	277.422	ug/l	99
30) Chloroform	7.35	83	326360	49.316	ug/l	99
31) Cyclohexane	7.63	56	331565	50.293	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	285666	52.785	ug/l	100
36) 1,1-Dichloropropene	7.77	75	261983	51.305	ug/l	100
37) Ethyl Acetate	6.91	43	283191	52.417	ug/l	100
38) Carbon Tetrachloride	7.75	117	254124	52.732	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	319879	52.361	ug/l	100
40) Benzene	8.02	78	778077	51.318	ug/l	99
41) Methacrylonitrile	7.15	41	109622	43.575	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	252063	52.429	ug/l	100
43) Isopropyl Acetate	8.15	43	444487	54.156	ug/l	99
44) Trichloroethene	8.82	130	197664	51.129	ug/l	100
45) 1,2-Dichloropropane	9.11	63	205968	51.935	ug/l	98
46) Dibromomethane	9.20	93	127863	52.245	ug/l	99
47) Bromodichloromethane	9.39	83	256190	51.756	ug/l	98
48) Methyl methacrylate	9.19	41	197718	54.298	ug/l	99
49) 1,4-Dioxane	9.19	88	63981	1203.064	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1355571	284.742	ug/l	100
52) Toluene	10.15	92	470238	51.914	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	298147	52.419	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	324761	52.893	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	184956	52.168	ug/l	98
56) Ethyl methacrylate	10.42	69	291409	57.484	ug/l	99
57) 1,3-Dichloropropane	10.70	76	320678	52.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	561235	369.452	ug/l	100
59) 2-Hexanone	10.75	43	1000150	283.316	ug/l	100
60) Dibromochloromethane	10.90	129	202484	54.713	ug/l	98
61) 1,2-Dibromoethane	11.00	107	193092	53.148	ug/l	99
64) Tetrachloroethene	10.63	164	175178	49.786	ug/l	98
65) Chlorobenzene	11.43	112	490482	50.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	184613	52.861	ug/l	99
67) Ethyl Benzene	11.51	91	896921	53.023	ug/l	100
68) m/p-Xylenes	11.62	106	671630	106.344	ug/l	100
69) o-Xylene	11.95	106	319184	52.697	ug/l	98
70) Styrene	11.96	104	528046	57.294	ug/l	99
71) Bromoform	12.13	173	144645	54.393	ug/l #	98
73) Isopropylbenzene	12.25	105	862229	50.533	ug/l	99
74) N-amyl acetate	12.07	43	357923	58.315	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	279991	50.319	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	376037	72.168	ug/l #	100
77) Bromobenzene	12.53	156	207924	49.773	ug/l	98
78) n-propylbenzene	12.59	91	1008144	51.272	ug/l	100
79) 2-Chlorotoluene	12.68	91	594109	50.539	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	737432	51.415	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	103507	51.042	ug/l	98
82) 4-Chlorotoluene	12.78	91	609212	50.369	ug/l	100
83) tert-Butylbenzene	13.00	119	636546	51.686	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	732457	52.131	ug/l	99
85) sec-Butylbenzene	13.17	105	842502	51.514	ug/l	100
86) p-Isopropyltoluene	13.29	119	766027	51.810	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	373296	50.422	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	367756	49.479	ug/l	99
89) n-Butylbenzene	13.62	91	657668	50.884	ug/l	99
90) Hexachloroethane	13.88	117	139699	49.434	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	363431	50.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58035	59.608	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 16:56:05 2019
Response via : Initial Calibration

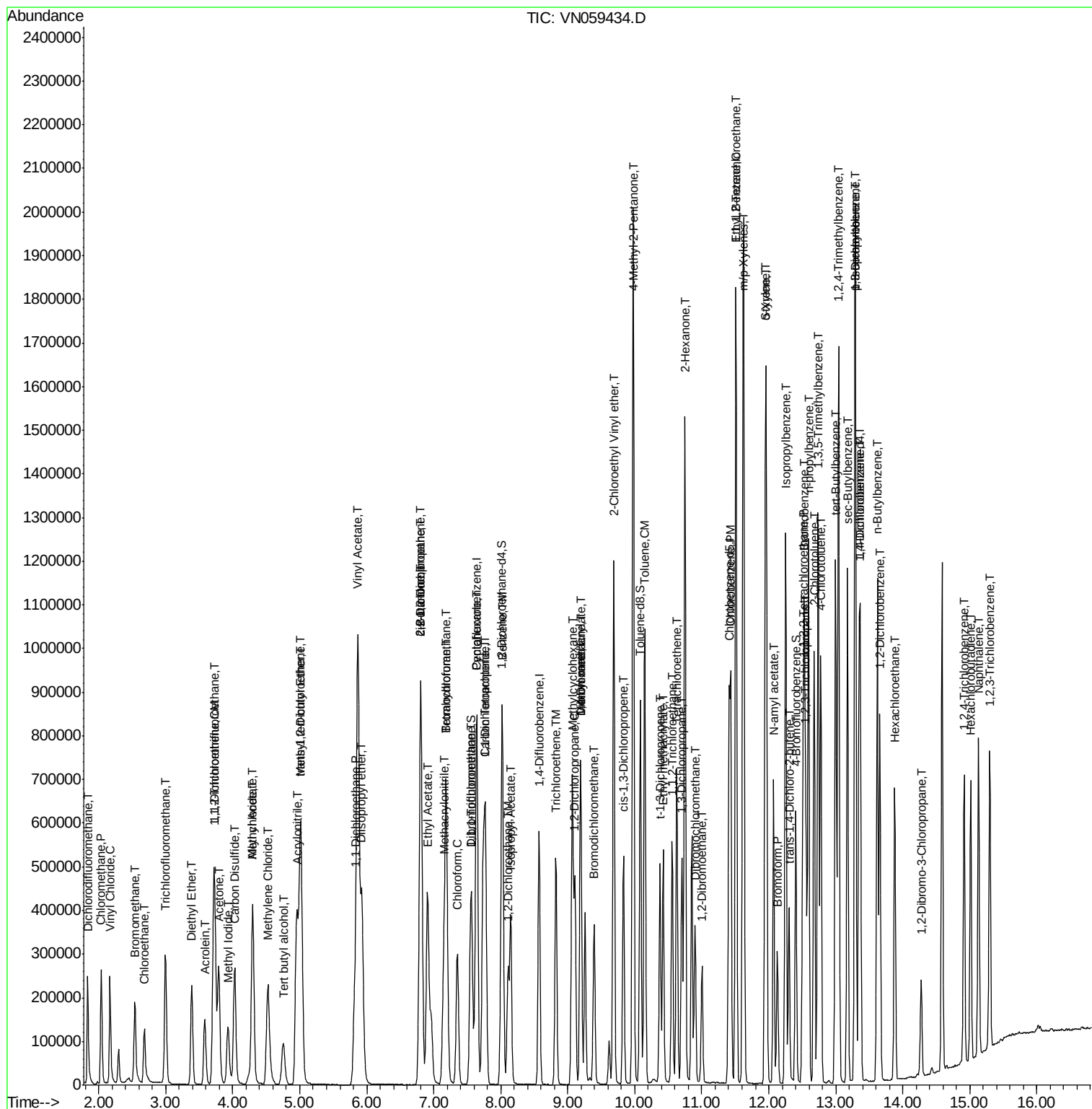
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	219415	48.658	ug/l	99
94) Hexachlorobutadiene	15.01	225	129398	46.824	ug/l	100
95) Naphthalene	15.13	128	596455	57.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	220035	56.541	ug/l	100

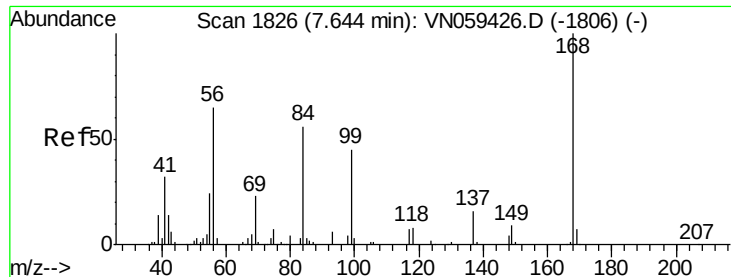
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112719\
Data File : VN059434.D
Acq On : 27 Nov 2019 20:15
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MSVOA_N
ClientSampled :

Quant Time: Nov 29 03:03:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 16:56:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

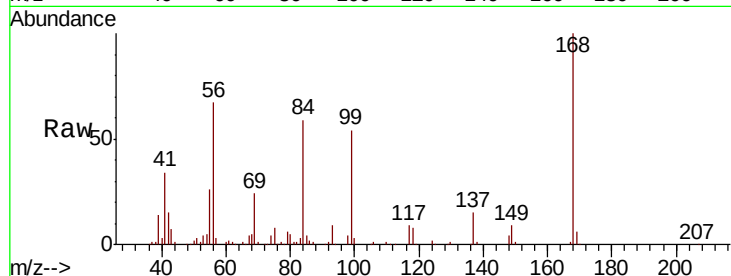
ClientSampleId :

Tot Ion:168 Resp: 334131

Ion Ratio Lower Upper

168 100

99 53.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

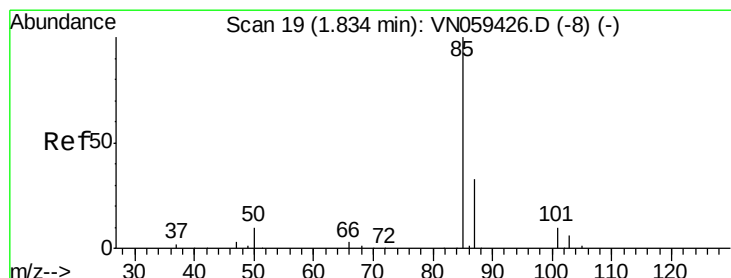
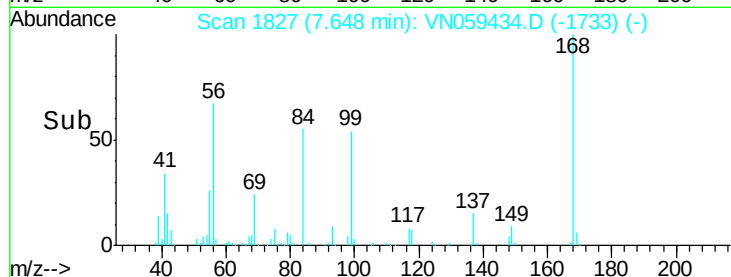
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 54.092 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059434.D

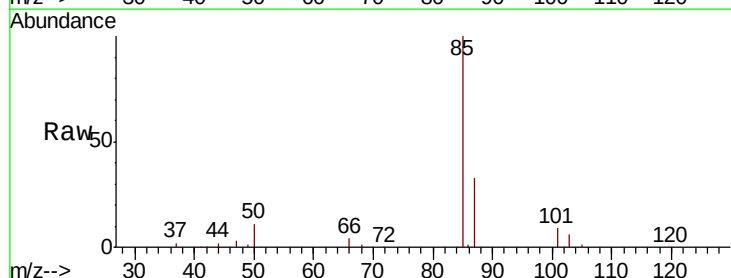
Acq: 27 Nov 2019 20:15

Tgt Ion: 85 Resp: 212724

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

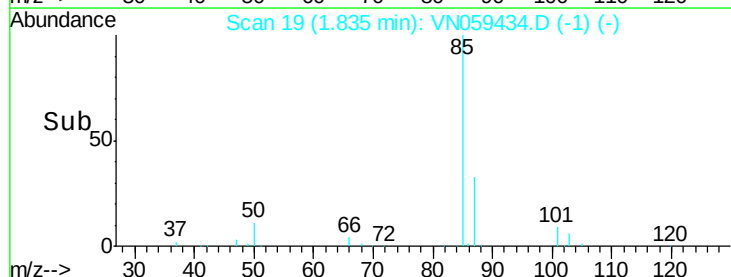
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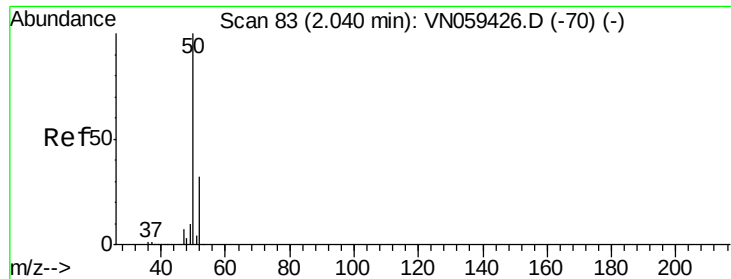
100000

50000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 52.817 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

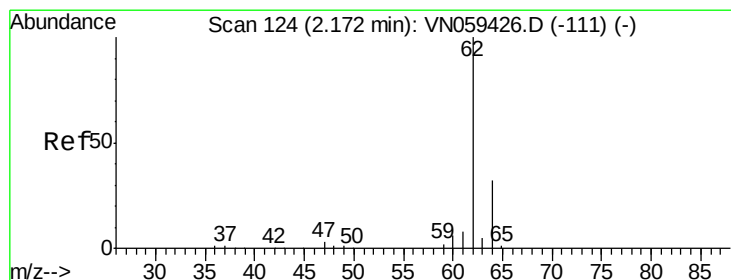
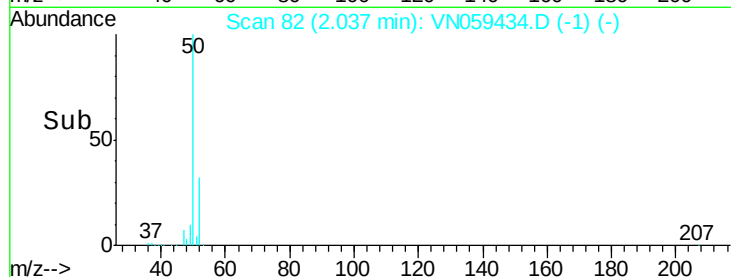
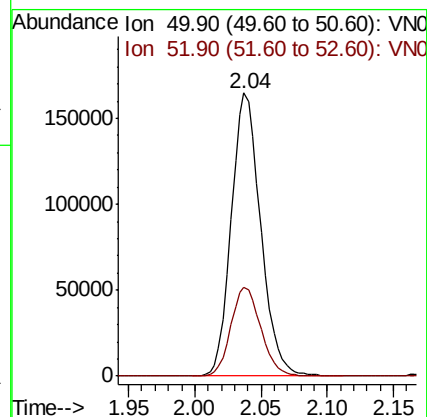
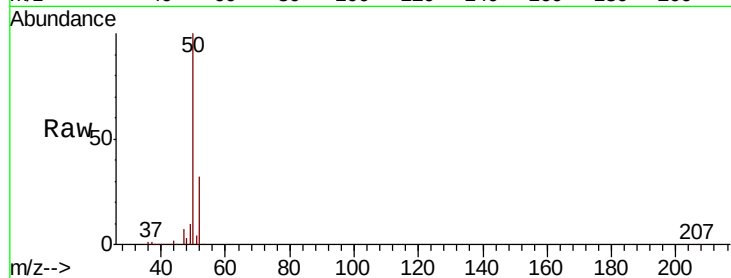
ClientSampleId :

Tot Ion: 50 Resp: 253717

Ion Ratio Lower Upper

50 100

52 31.5 25.8 38.6



#4

Vinyl Chloride

Concen: 52.422 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059434.D

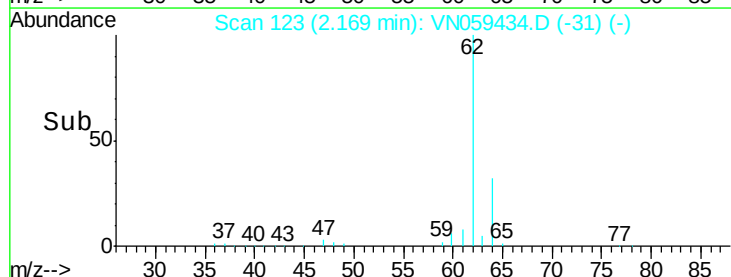
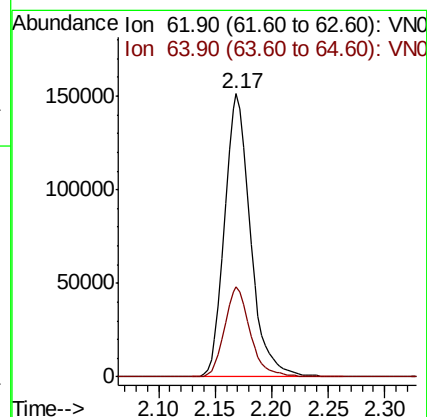
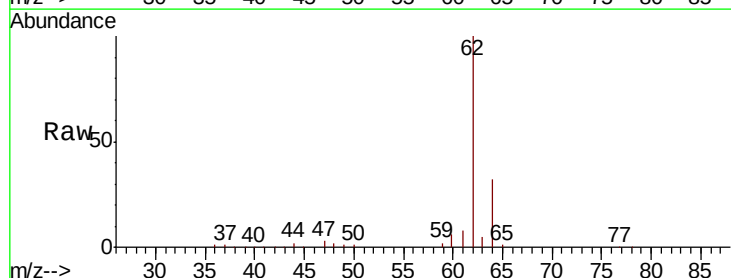
Acq: 27 Nov 2019 20:15

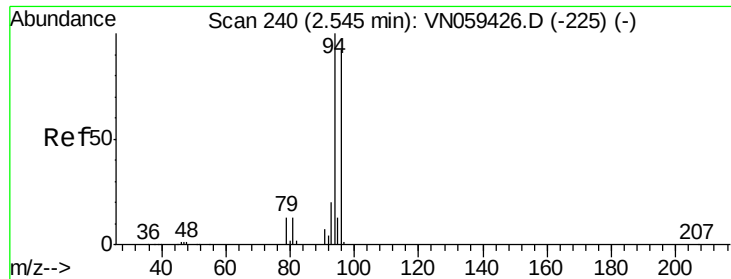
Tgt Ion: 62 Resp: 241989

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 49.604 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

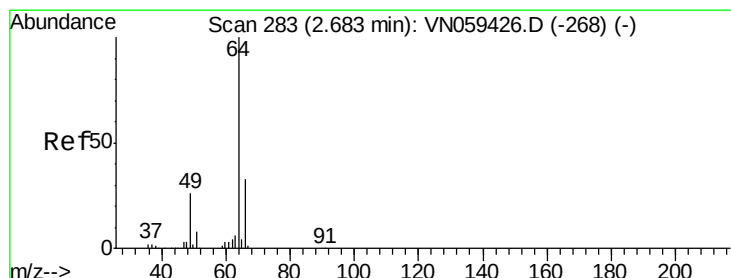
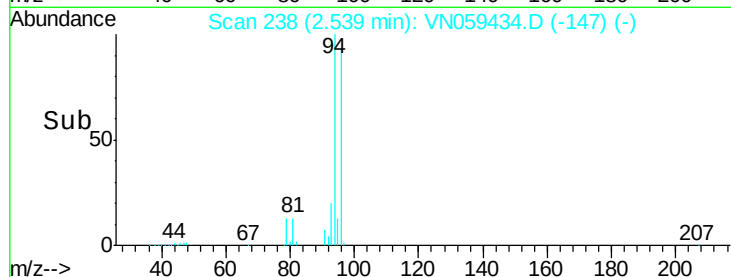
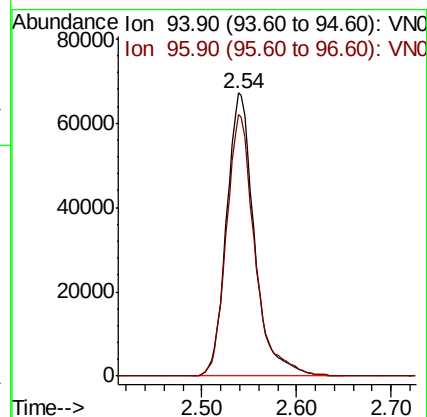
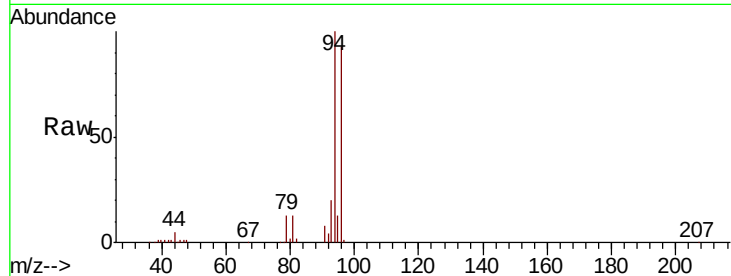
ClientSampleId :

Tot Ion: 94 Resp: 137867

Ion Ratio Lower Upper

94 100

96 92.6 73.8 110.6



#6

Chloroethane

Concen: 52.274 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059434.D

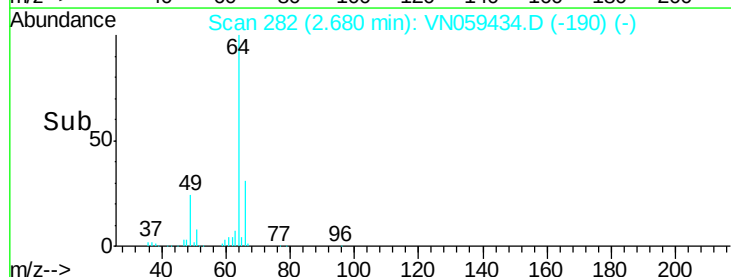
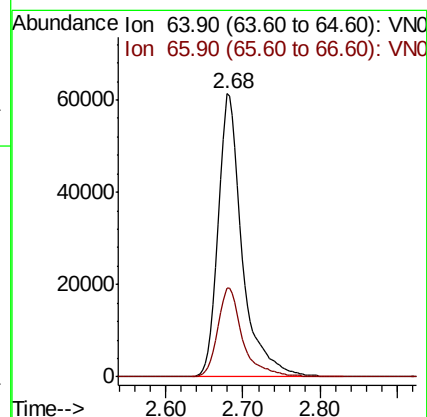
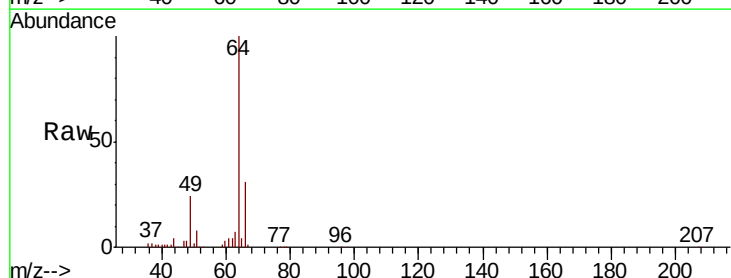
Acq: 27 Nov 2019 20:15

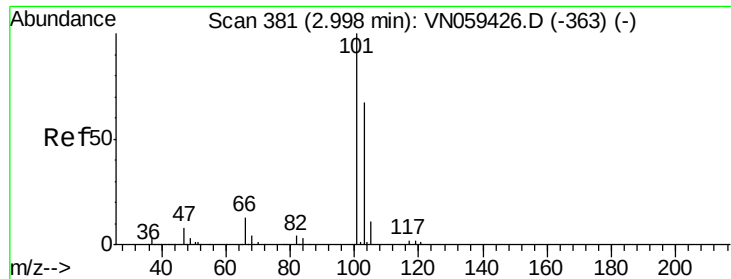
Tgt Ion: 64 Resp: 135297

Ion Ratio Lower Upper

64 100

66 31.4 26.5 39.7



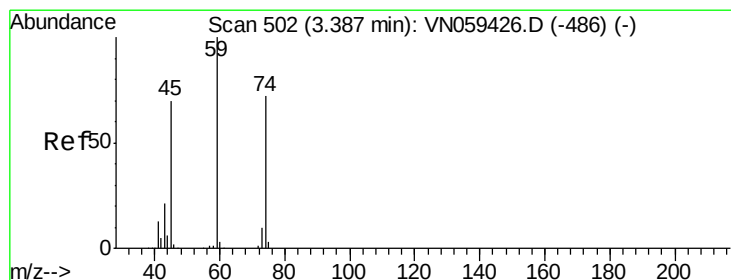
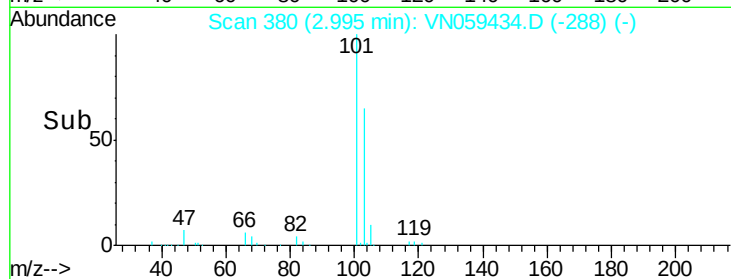
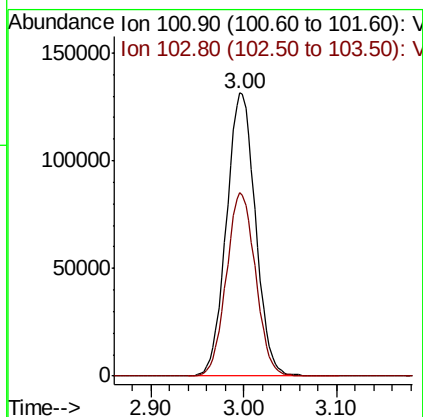
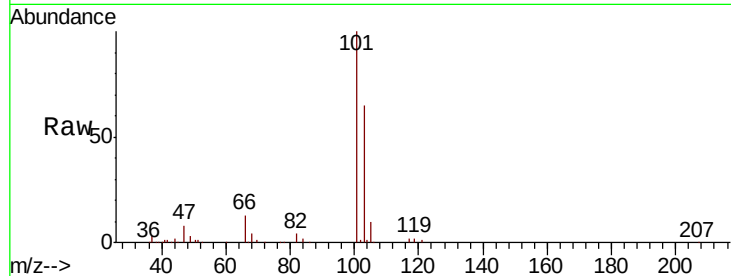


#7

Trichlorofluoromethane
Concen: 51.897 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampled :

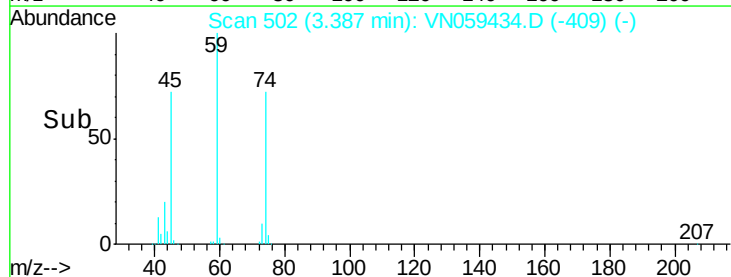
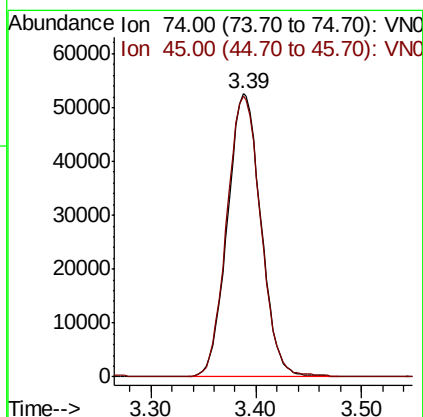
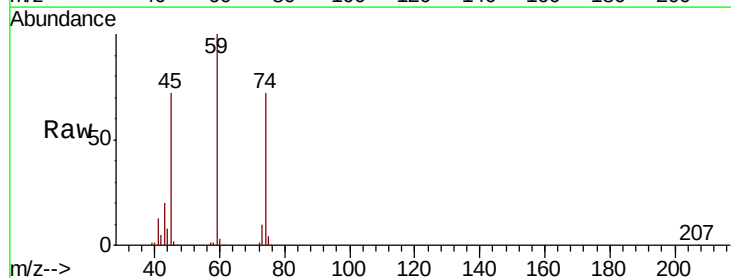
Tot Ion:101 Resp: 285349
Ion Ratio Lower Upper
101 100
103 65.0 53.6 80.4

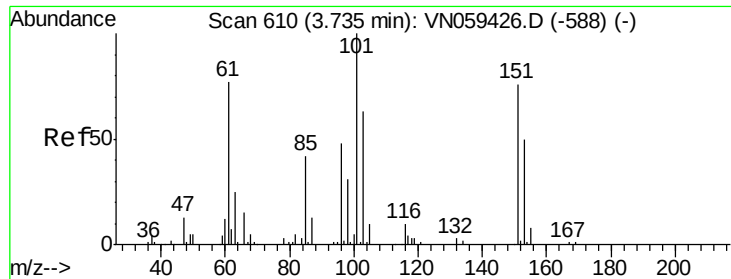


#8

Diethyl Ether
Concen: 51.812 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 74 Resp: 115941
Ion Ratio Lower Upper
74 100
45 100.8 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.473 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

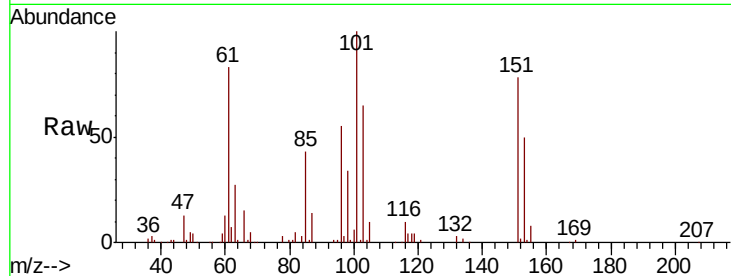
Tot Ion:101 Resp: 174306

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

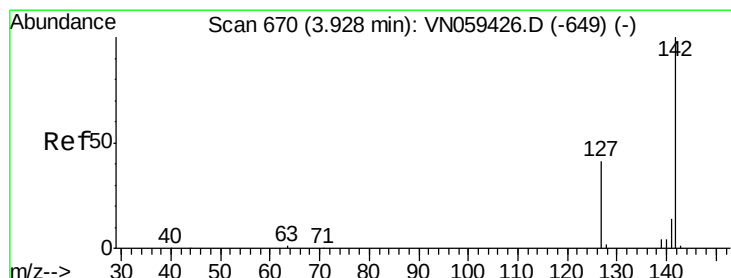
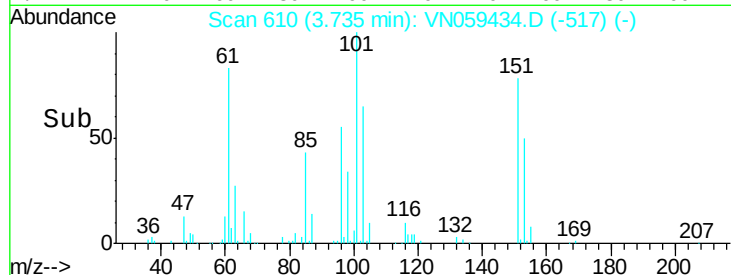
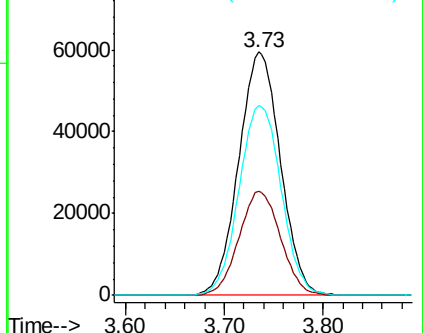
151 79.0 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.051 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

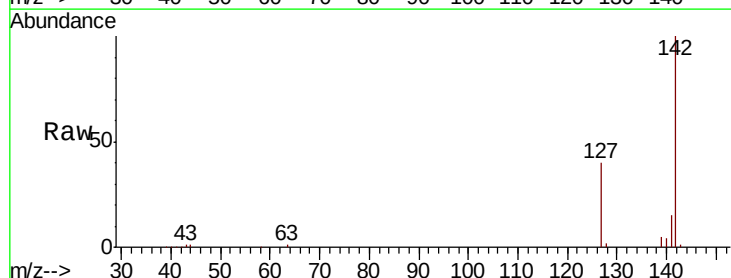
Tgt Ion:142 Resp: 238242

Ion Ratio Lower Upper

142 100

127 41.1 32.6 48.8

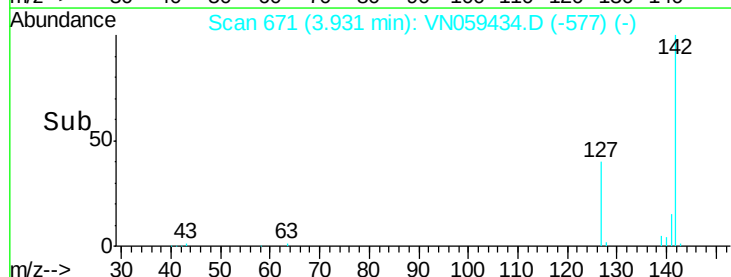
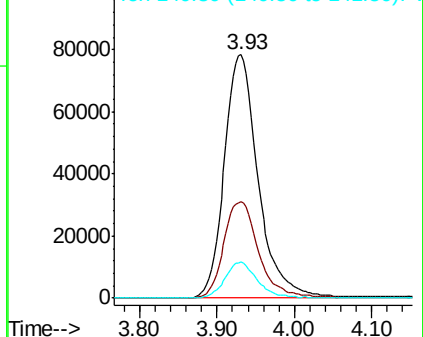
141 14.1 11.1 16.7

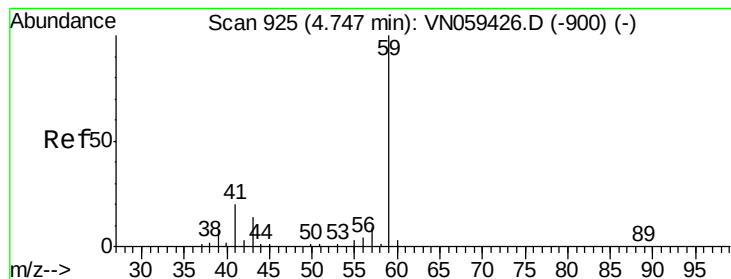


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



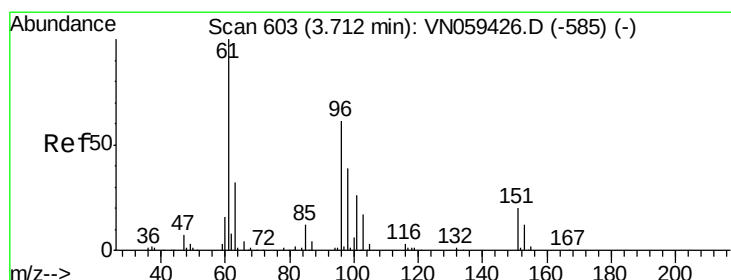
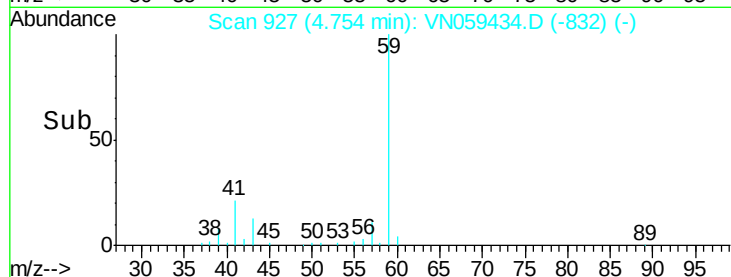
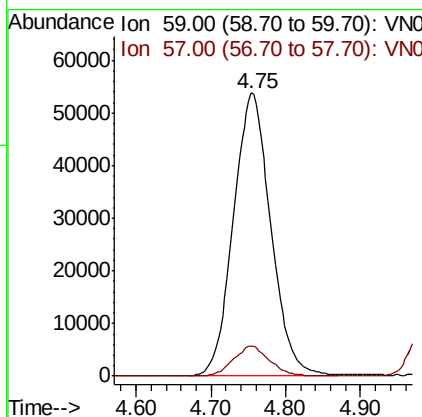
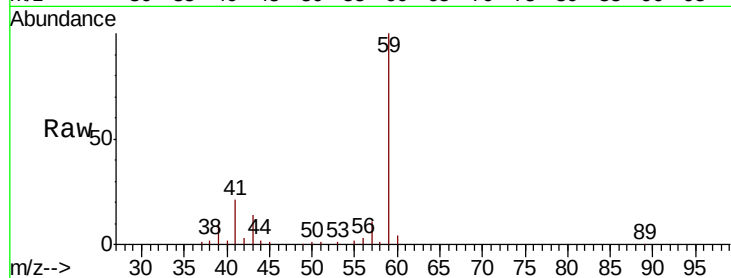


#11

Tert butyl alcohol
 Concen: 276.110 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampled :

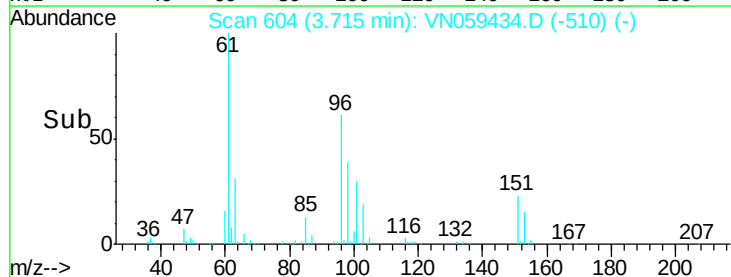
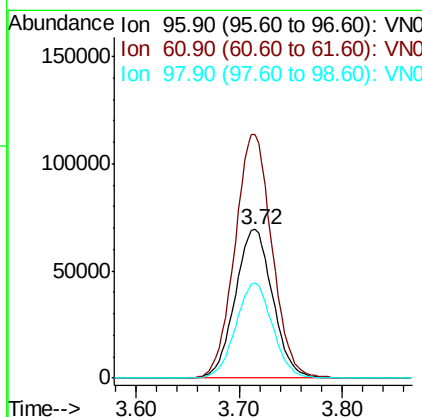
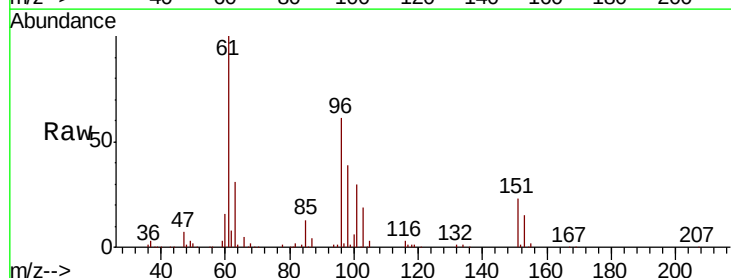
Tot Ion: 59 Resp: 187214
 Ion Ratio Lower Upper
 59 100
 57 10.2 3.8 5.8#

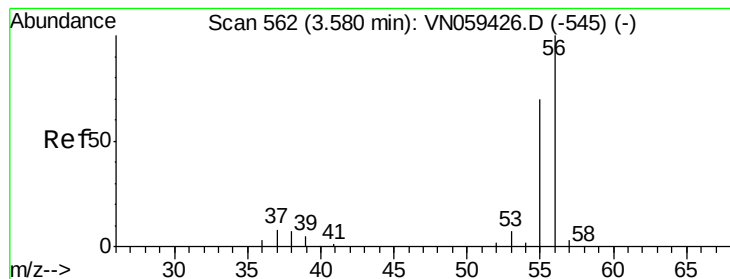


#12

1,1-Dichloroethene
 Concen: 52.875 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion: 96 Resp: 175353
 Ion Ratio Lower Upper
 96 100
 61 163.9 130.5 195.7
 98 64.4 51.3 76.9





#13

Acrolein

Concen: 259.633 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

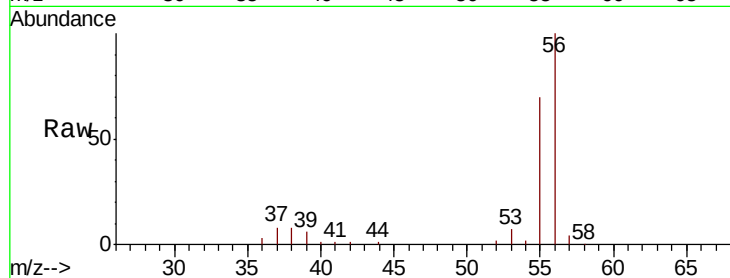
ClientSampleId :

Tot Ion: 56 Resp: 171847

Ion Ratio Lower Upper

56 100

55 71.3 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

80000

60000

40000

20000

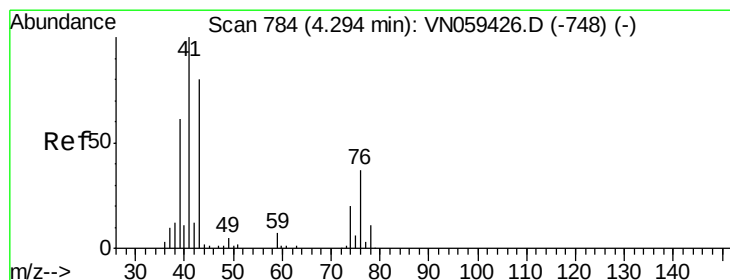
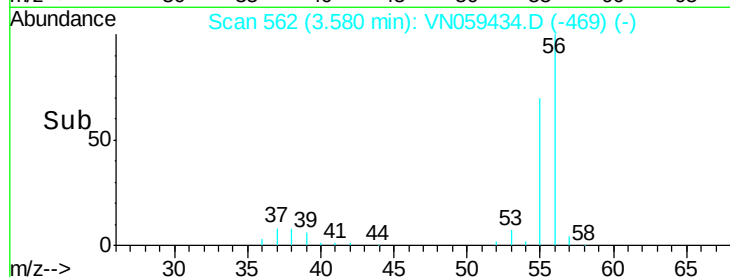
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 51.360 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

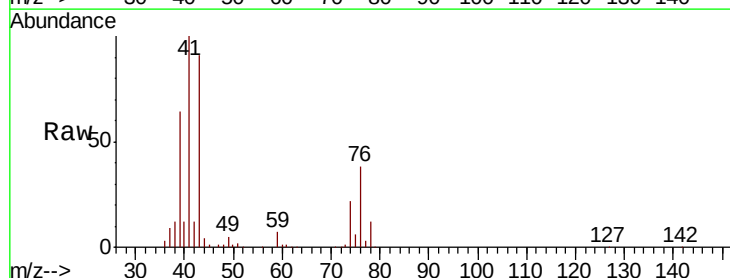
Tgt Ion: 41 Resp: 315899

Ion Ratio Lower Upper

41 100

39 59.5 46.5 69.7

76 34.7 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.29

100000

50000

0

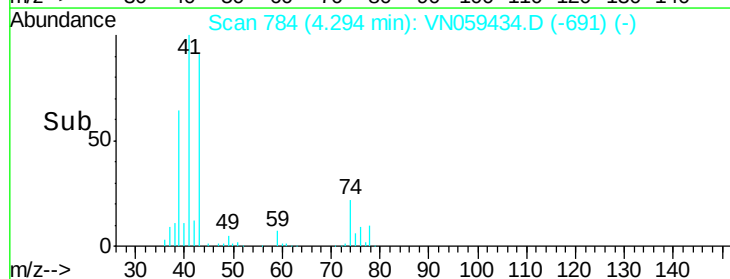
Time-->

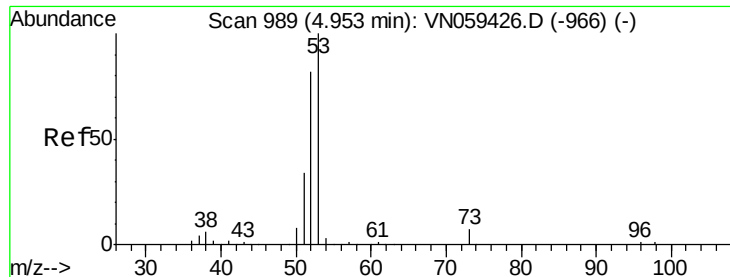
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 277.141 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :

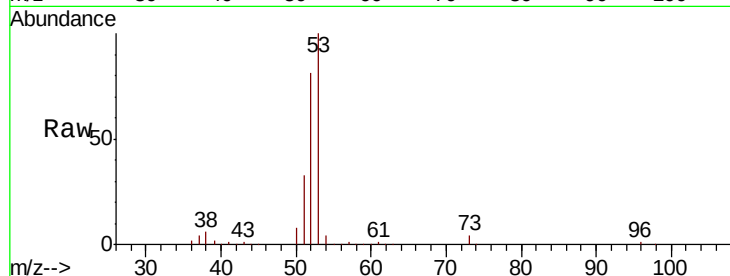
Tot Ion: 53 Resp: 523623

Ion Ratio Lower Upper

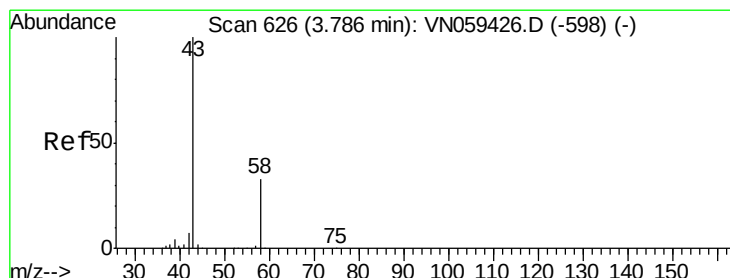
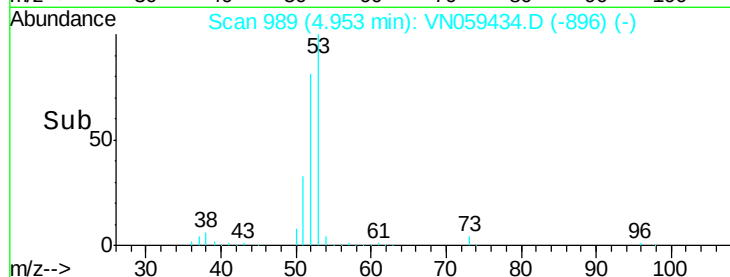
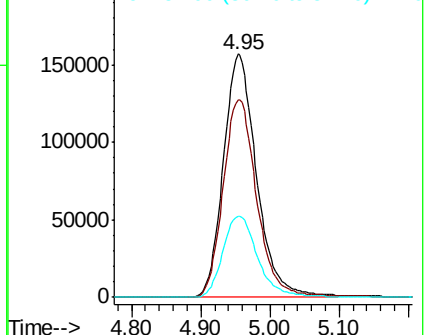
53 100

52 82.0 65.1 97.7

51 35.2 27.8 41.8



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



#16

Acetone

Concen: 232.117 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059434.D

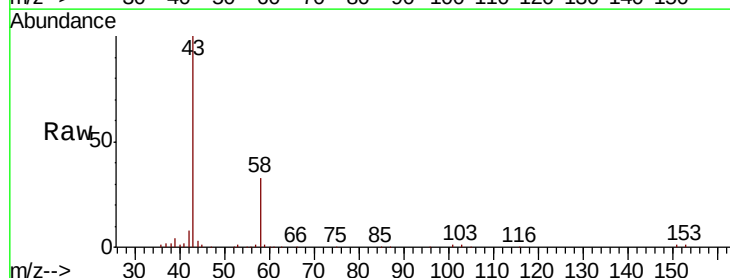
Acq: 27 Nov 2019 20:15

Tgt Ion: 43 Resp: 432812

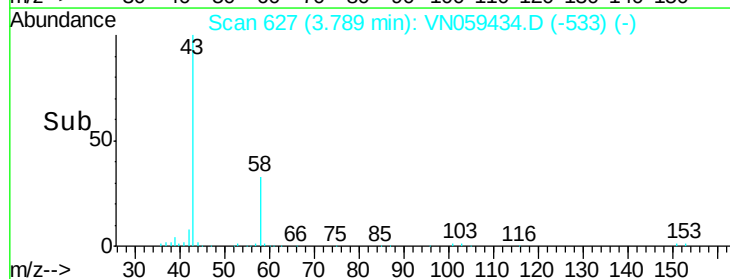
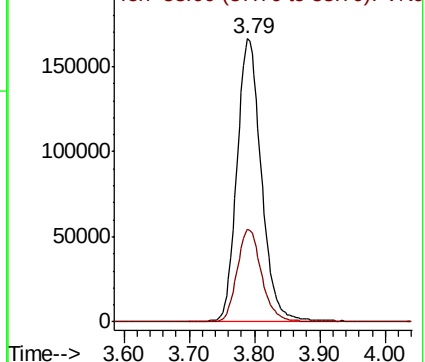
Ion Ratio Lower Upper

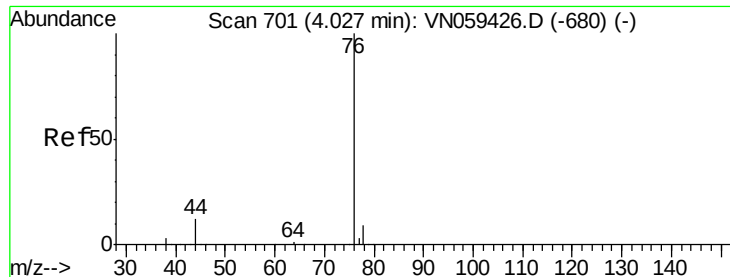
43 100

58 32.7 26.6 39.8



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

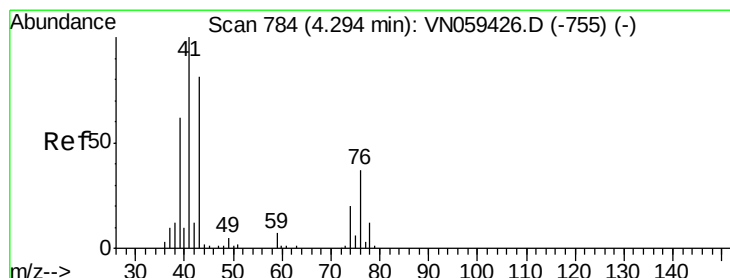
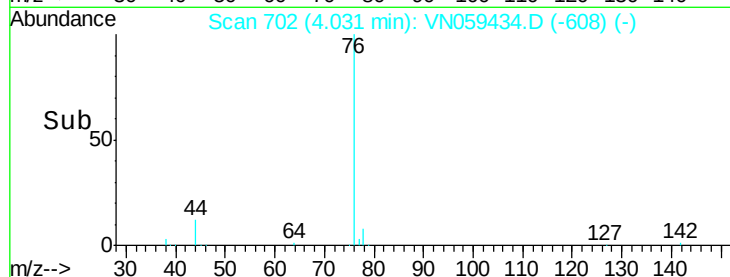
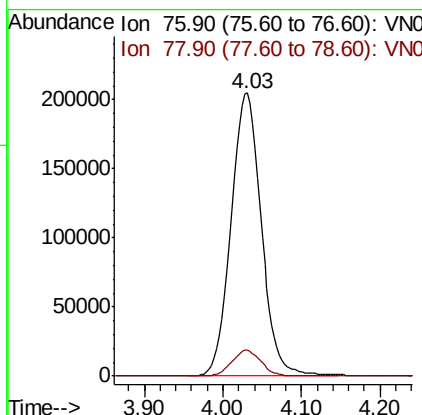
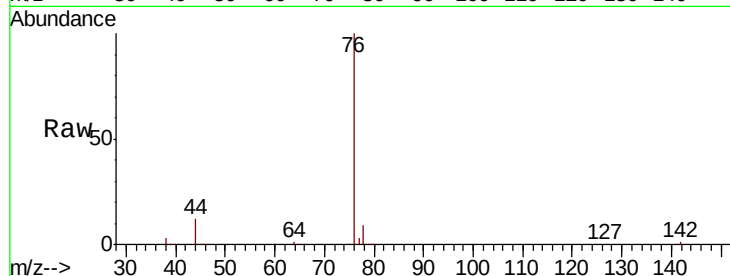




#17
Carbon Disulfide
Concen: 48.368 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

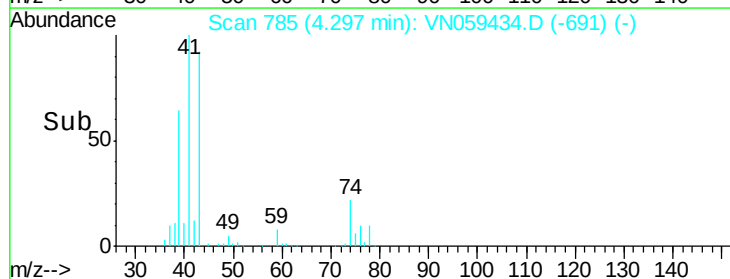
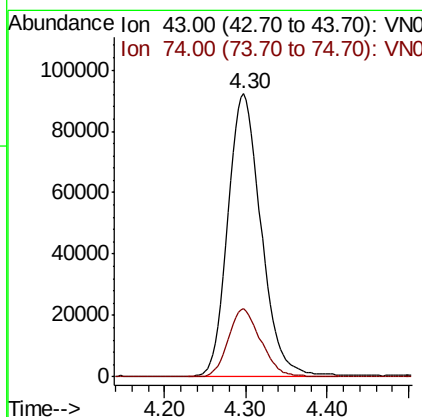
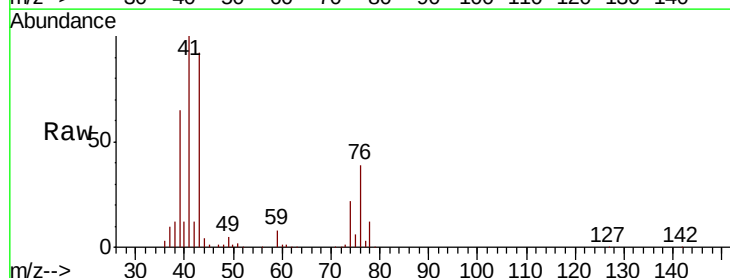
Instrument :
MSVOA_N
ClientSampled :

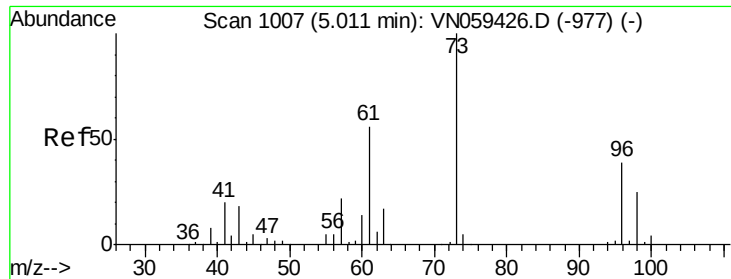
Tot Ion: 76 Resp: 550457
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 51.635 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 43 Resp: 262192
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0

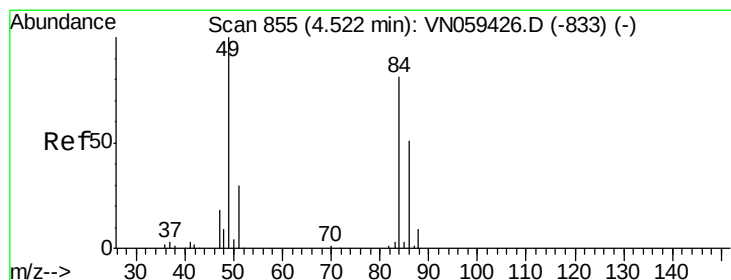
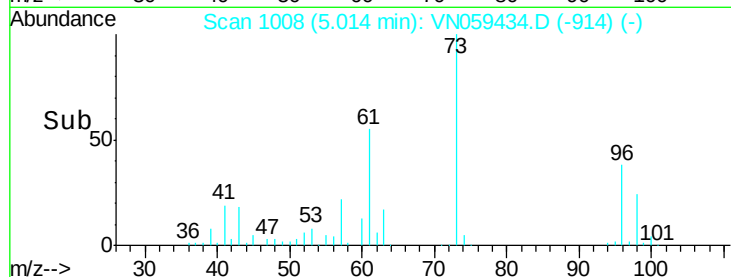
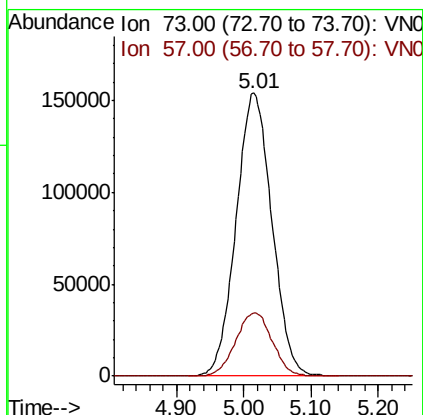
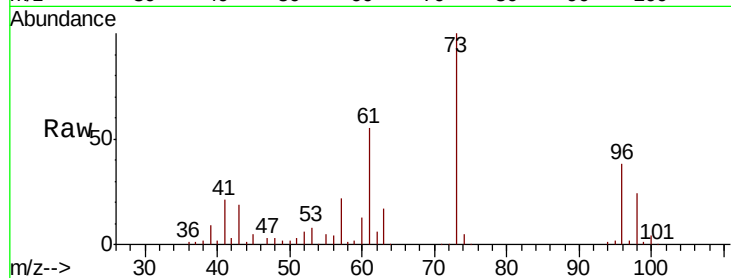




#19
Methyl tert-butyl Ether
Concen: 53.278 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

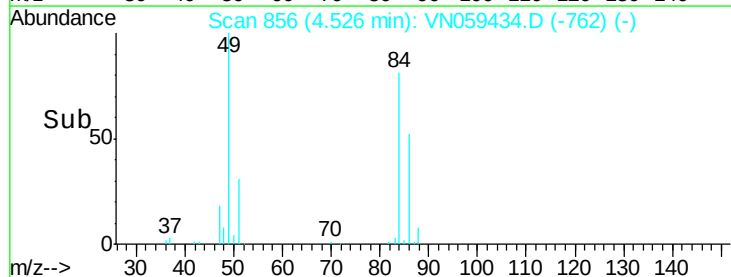
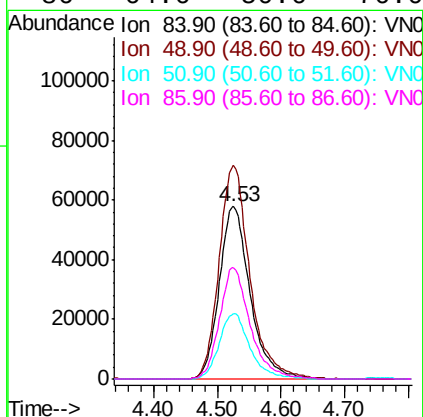
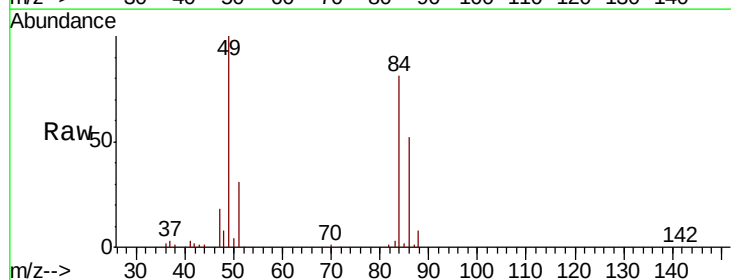
Instrument :
MSVOA_N
ClientSampleId :

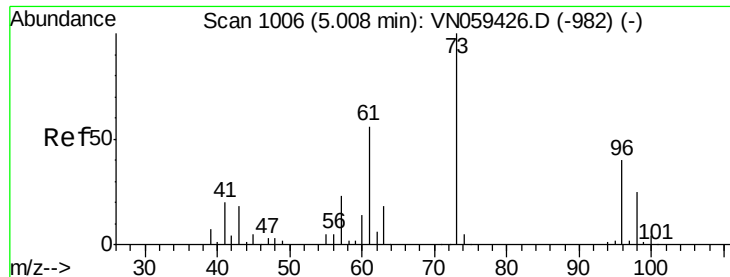
Tot Ion: 73 Resp: 569369
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 51.658 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 84 Resp: 195721
Ion Ratio Lower Upper
84 100
49 123.9 98.6 148.0
51 37.8 29.4 44.0
86 64.6 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.252 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.01 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampled :

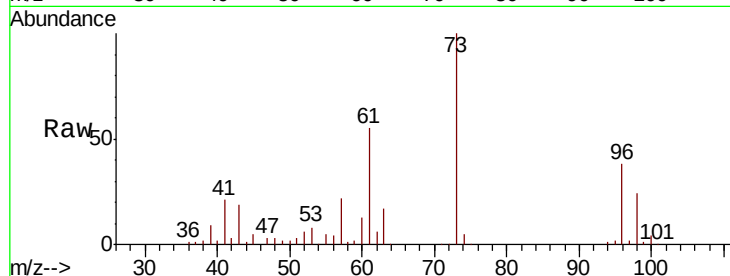
Tot Ion: 96 Resp: 185185

Ion Ratio Lower Upper

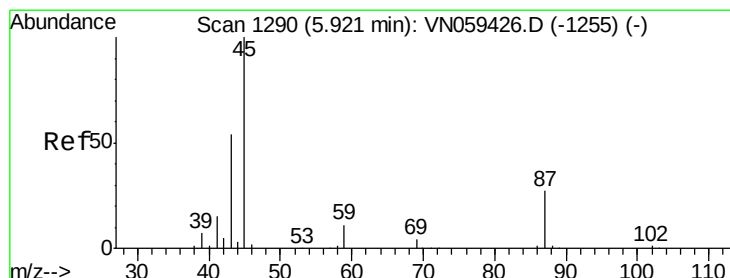
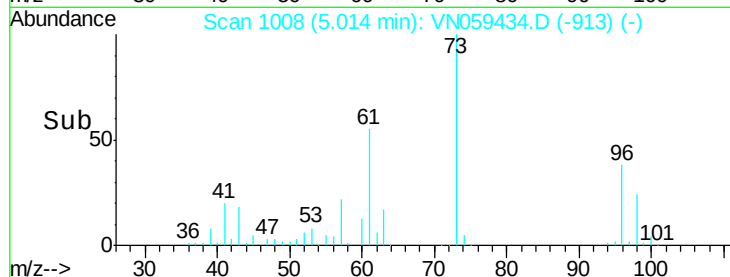
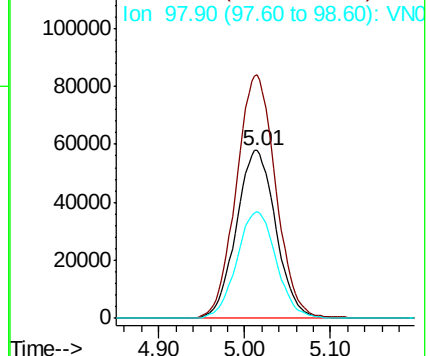
96 100

61 144.9 114.0 171.0

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: 53.346 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion: 45 Resp: 609749

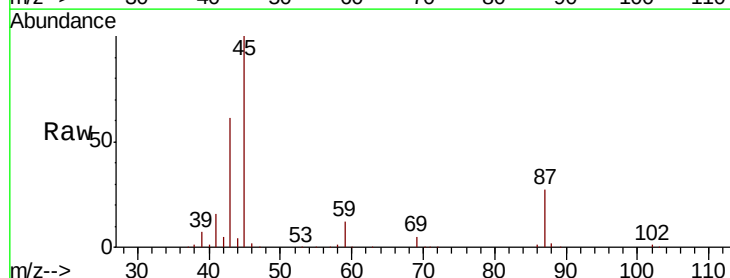
Ion Ratio Lower Upper

45 100

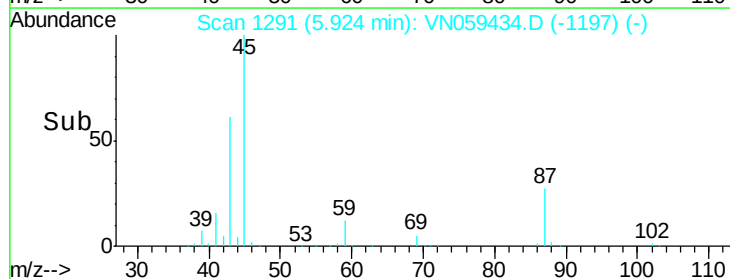
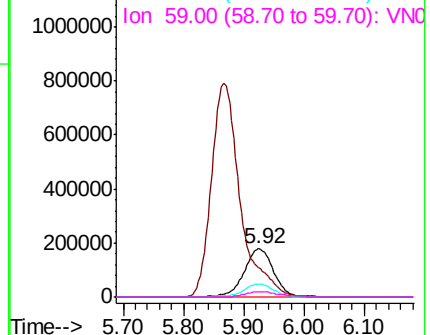
43 60.5 46.3 69.5

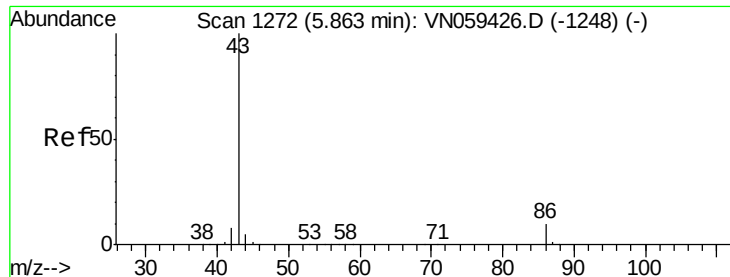
87 27.3 21.8 32.6

59 11.7 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

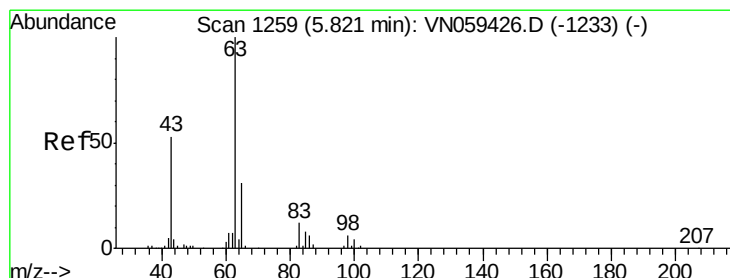
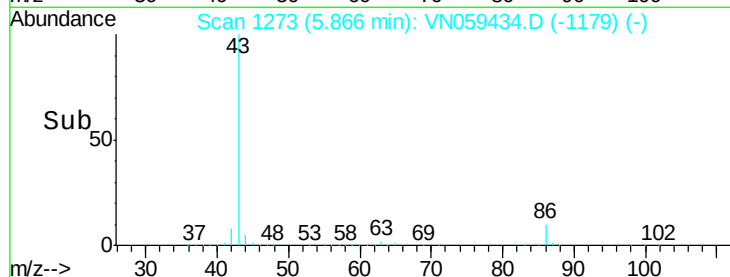
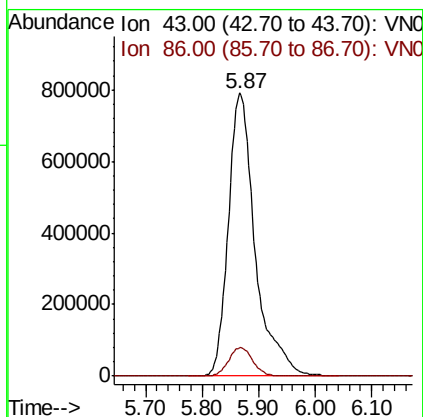
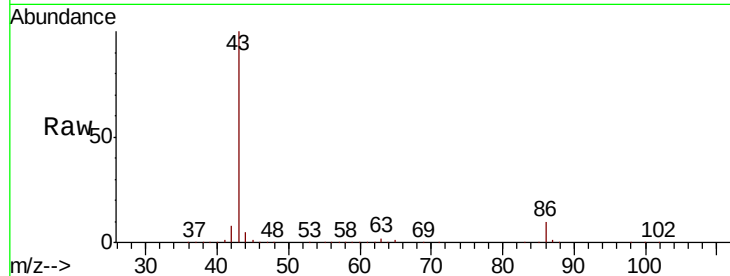




#23
 Vinyl Acetate
 Concen: 283.358 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

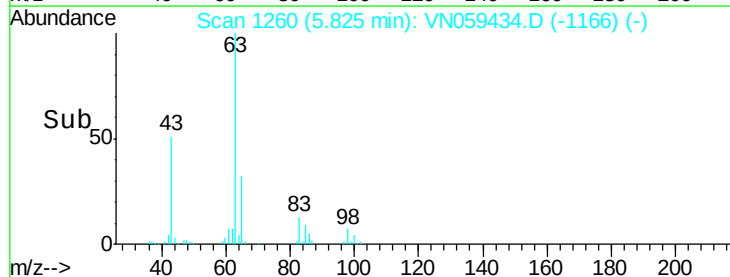
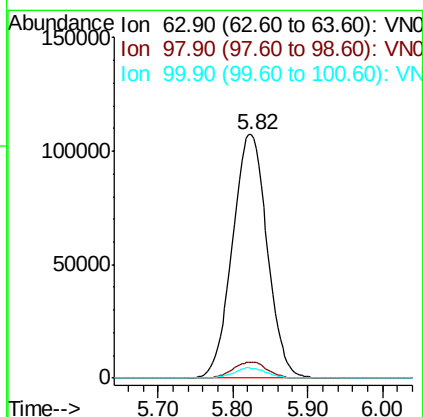
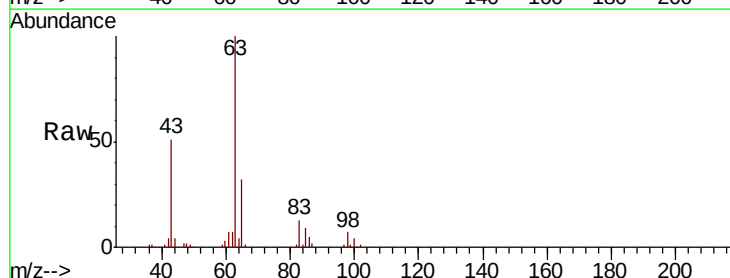
Instrument :
 MSVOA_N
 ClientSampleId :

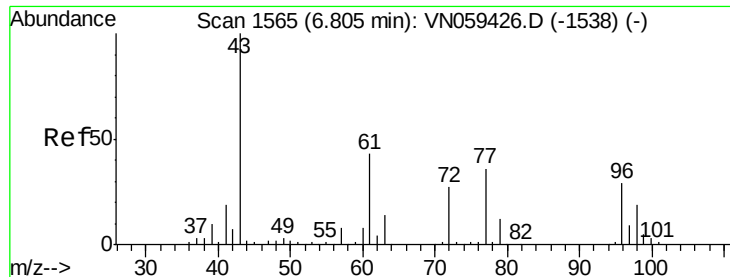
Tot Ion: 43 Resp: 2612915
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 52.657 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion: 63 Resp: 346294
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.0 2.1 6.3

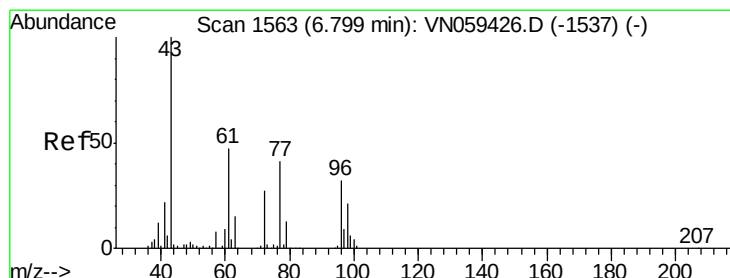
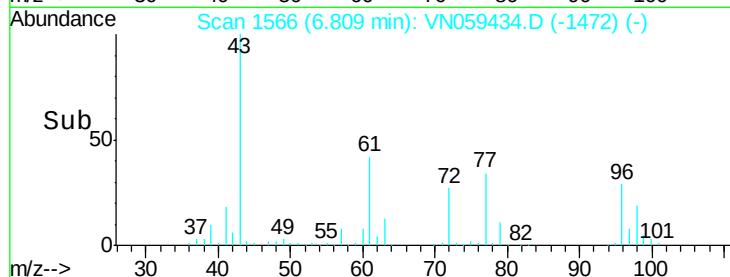
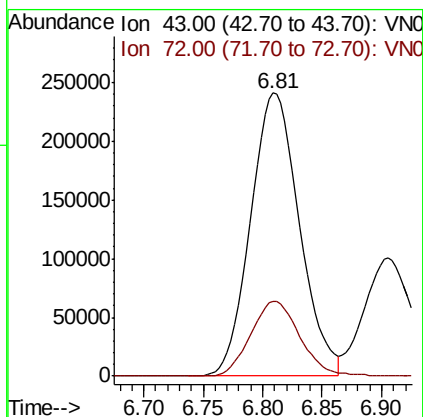
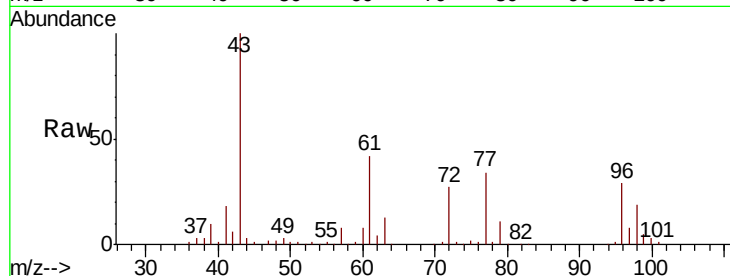




#25
2-Butanone
Concen: 266.502 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

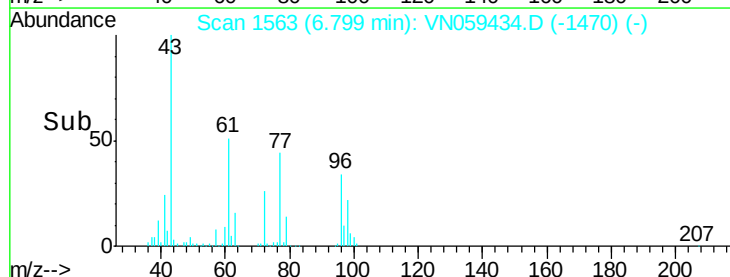
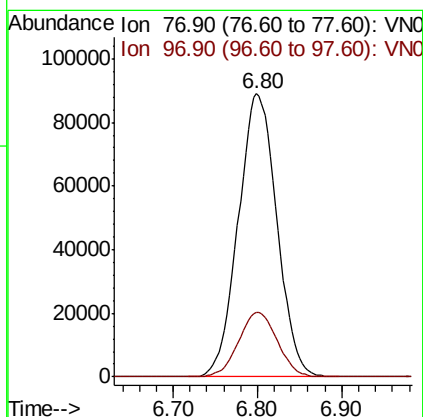
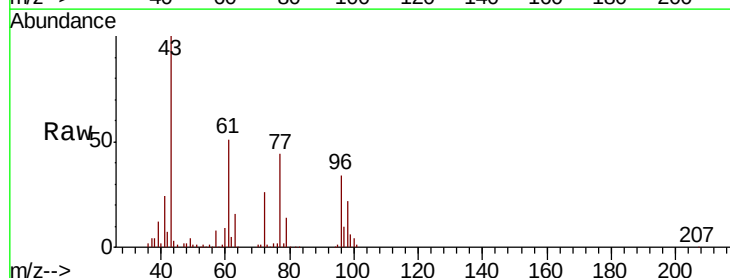
Instrument :
MSVOA_N
ClientSampled :

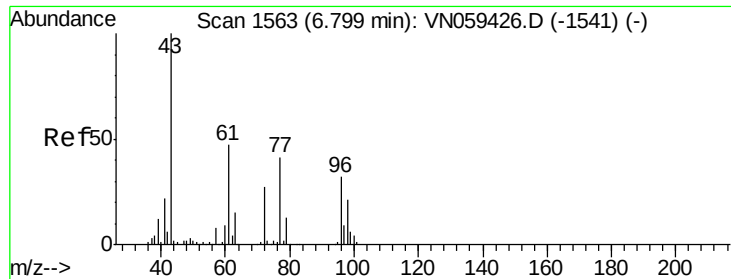
Tot Ion: 43 Resp: 683618
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 50.589 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 77 Resp: 283126
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.942 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampled :

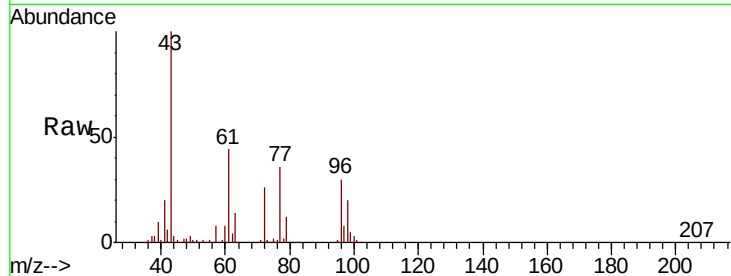
Tot Ion: 96 Resp: 209212

Ion Ratio Lower Upper

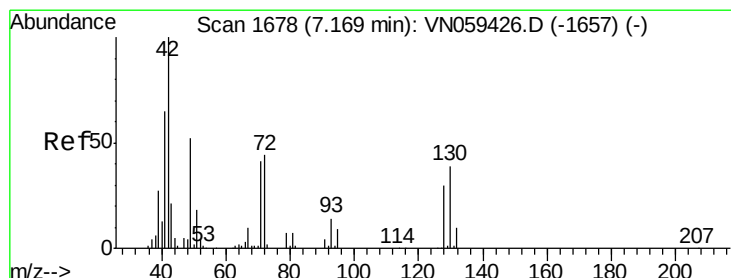
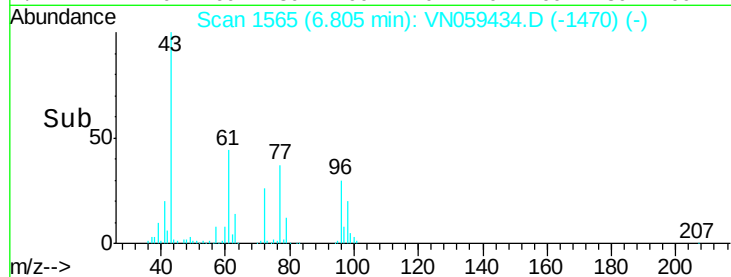
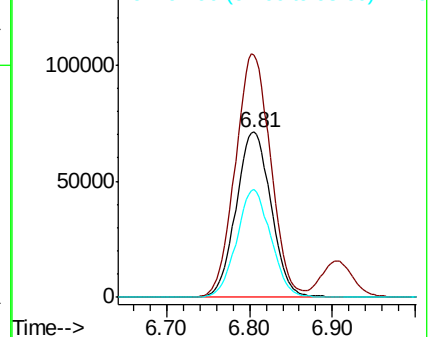
96 100

61 148.3 0.0 297.6

98 63.6 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: 47.438 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

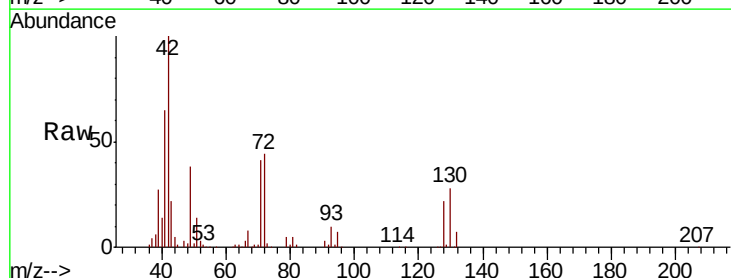
Tgt Ion: 49 Resp: 133291

Ion Ratio Lower Upper

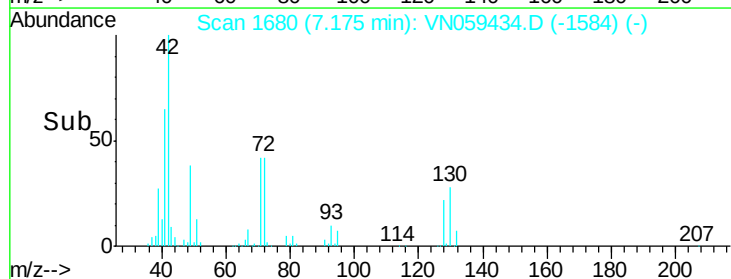
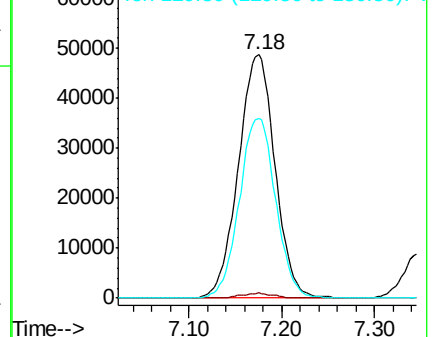
49 100

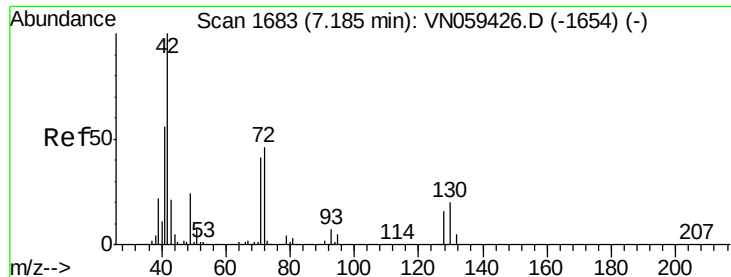
129 1.7 0.0 3.6

130 73.3 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

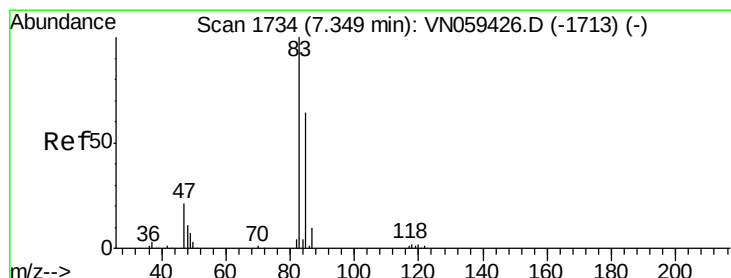
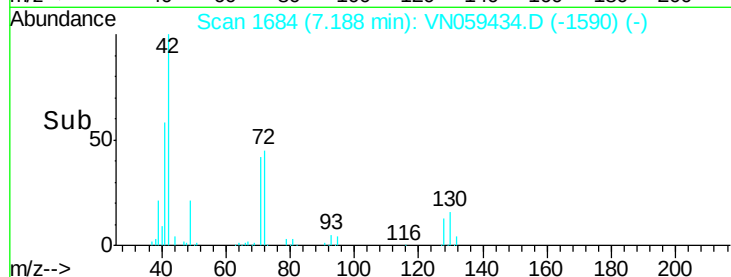
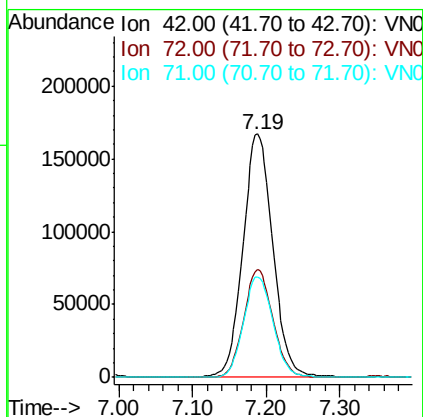
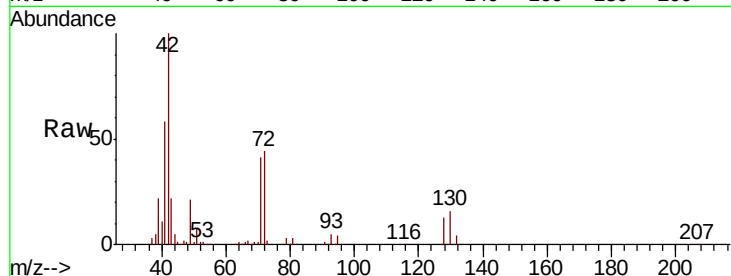




#29
Tetrahydrofuran
Concen: 277.422 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

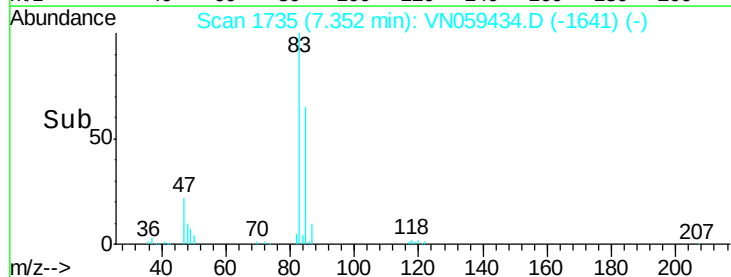
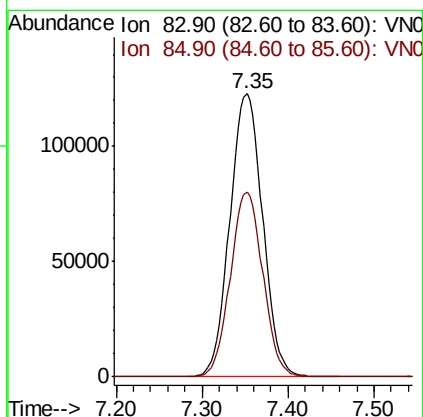
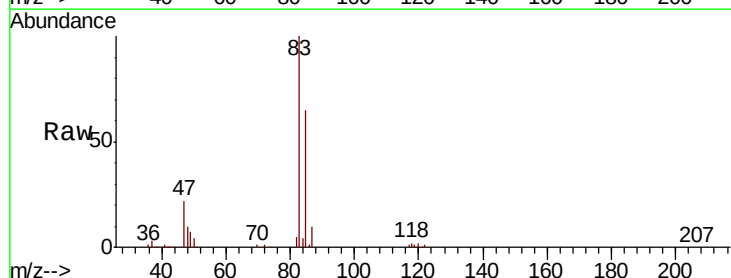
Instrument :
MSVOA_N
ClientSampleId :

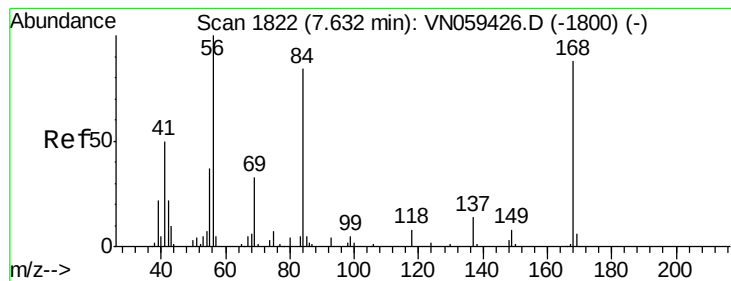
Tot Ion: 42 Resp: 473290
Ion Ratio Lower Upper
42 100
72 43.0 34.6 51.8
71 40.8 33.0 49.6



#30
Chloroform
Concen: 49.316 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 83 Resp: 326360
Ion Ratio Lower Upper
83 100
85 65.3 51.6 77.4





#31

Cyclohexane

Concen: 50.293 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampled :

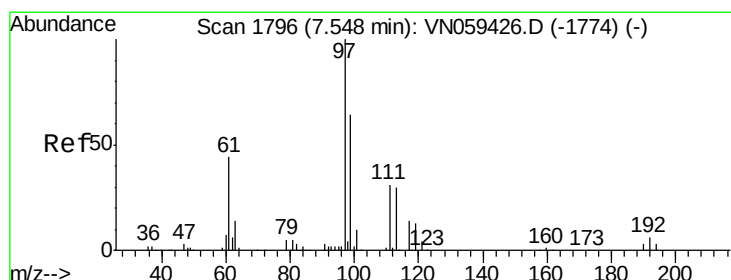
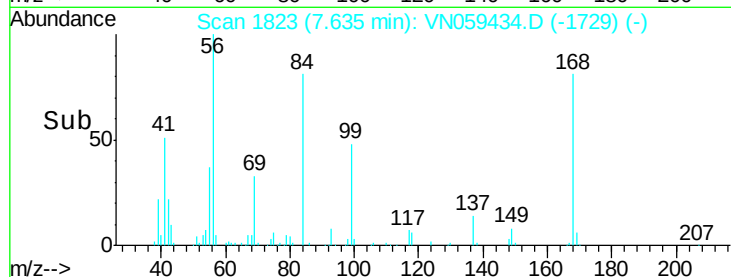
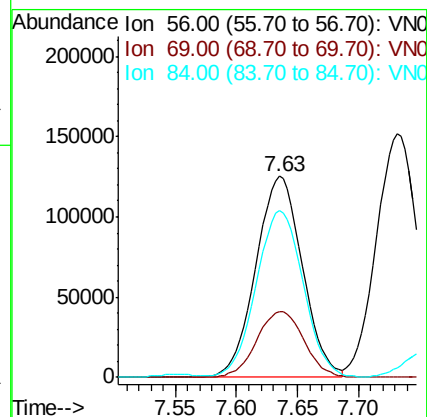
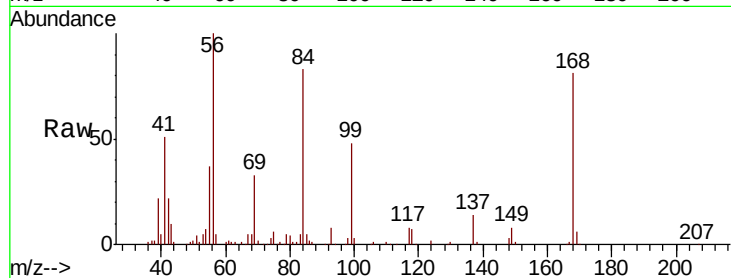
Tot Ion: 56 Resp: 331565

Ion Ratio Lower Upper

56 100

69 32.9 26.4 39.6

84 82.4 67.0 100.6



#32

1,1,1-Trichloroethane

Concen: 52.785 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

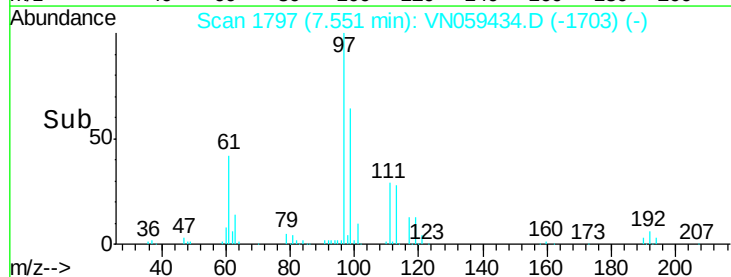
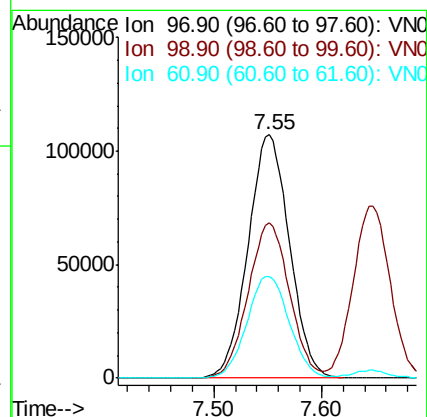
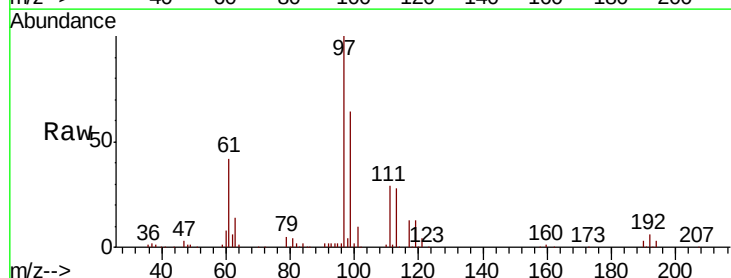
Tgt Ion: 97 Resp: 285666

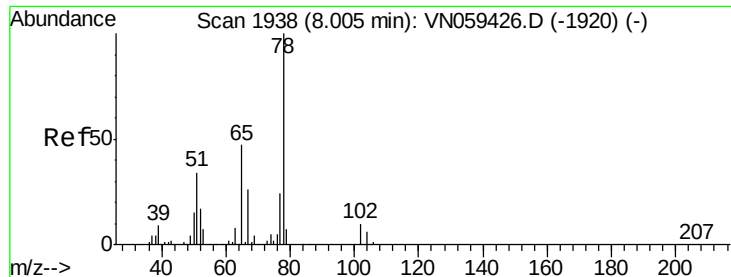
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 42.9 34.3 51.5

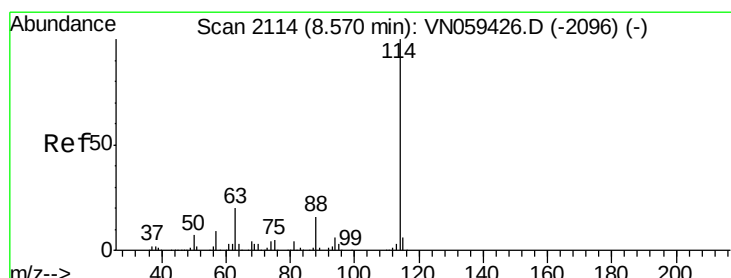
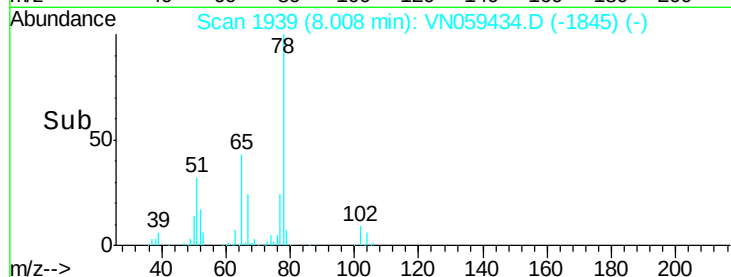
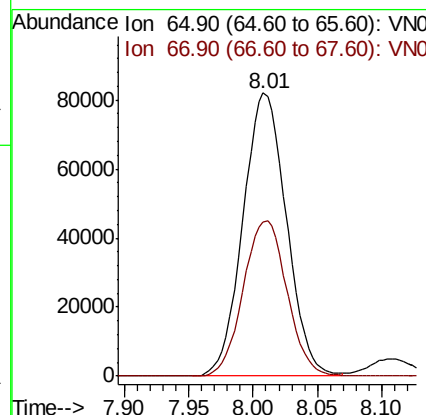
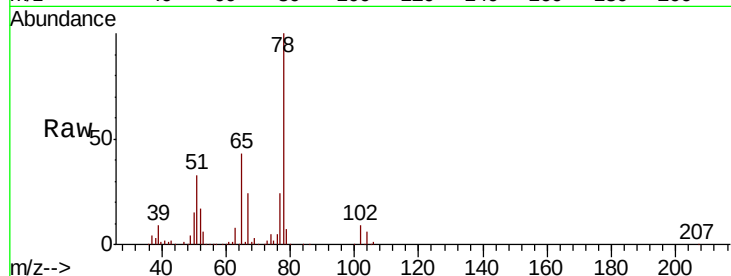




#33
 1,2-Dichloroethane-d4
 Concen: 49.253 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

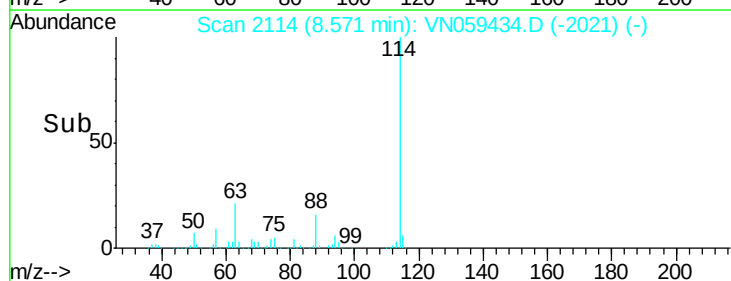
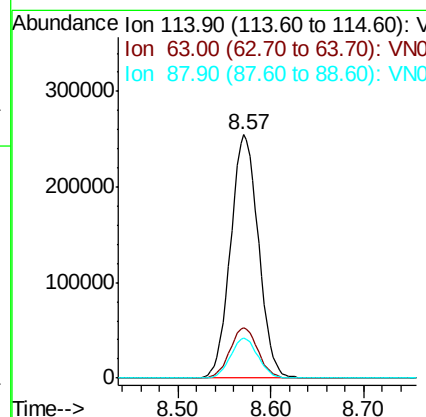
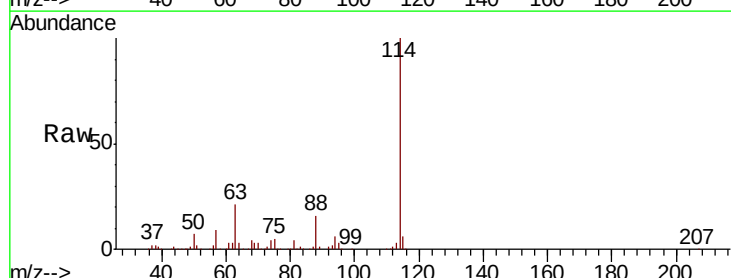
Instrument :
 MSVOA_N
 ClientSampleId :

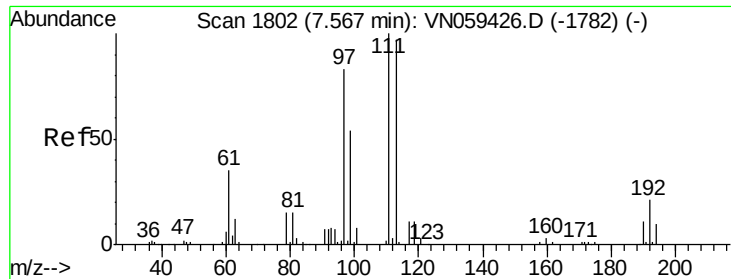
Tot Ion: 65 Resp: 192778
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion: 114 Resp: 531010
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.4
 88 16.3 0.0 32.2

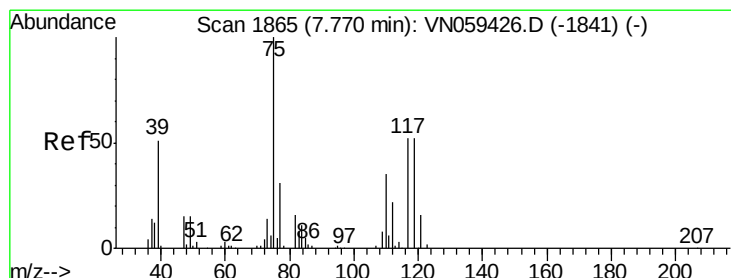
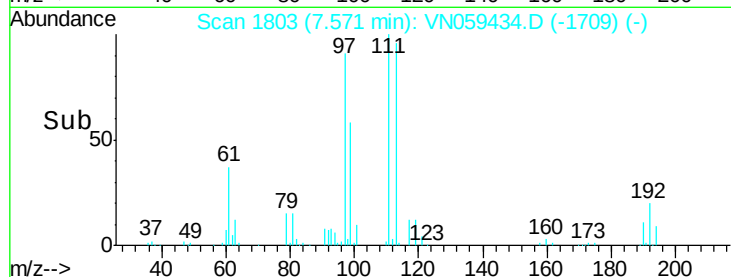
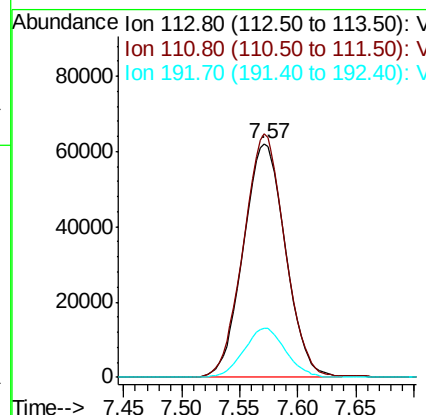
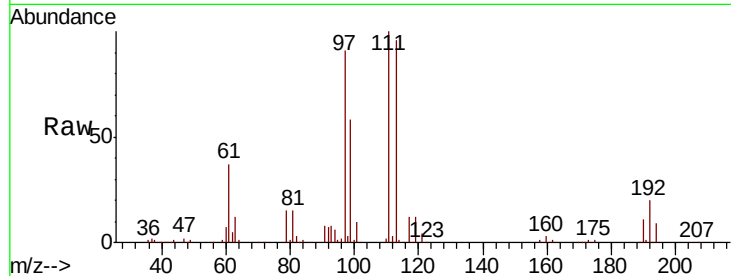




#35
 Dibromofluoromethane
 Concen: 48.699 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

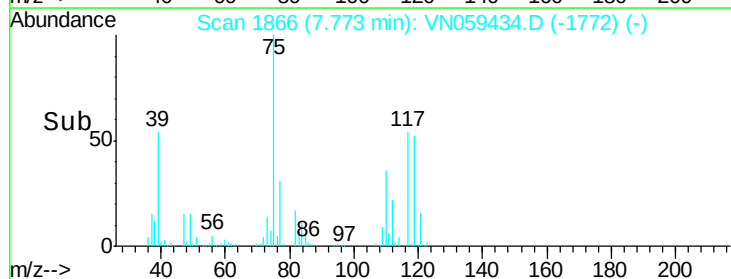
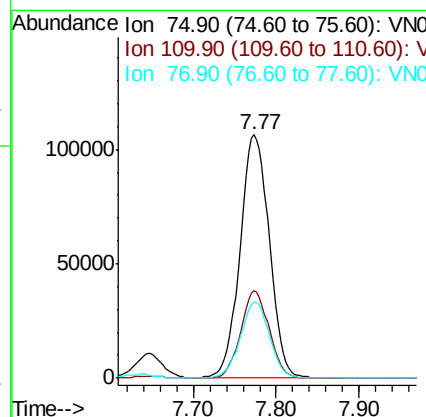
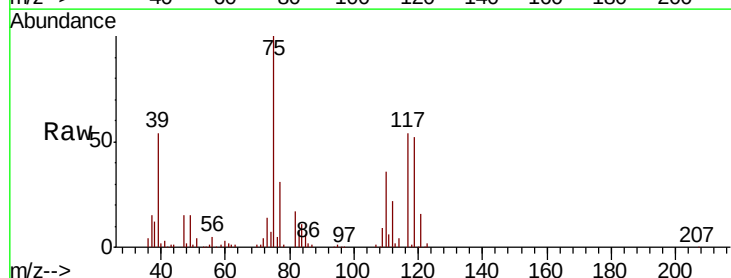
Instrument :
 MSVOA_N
 ClientSampleId :

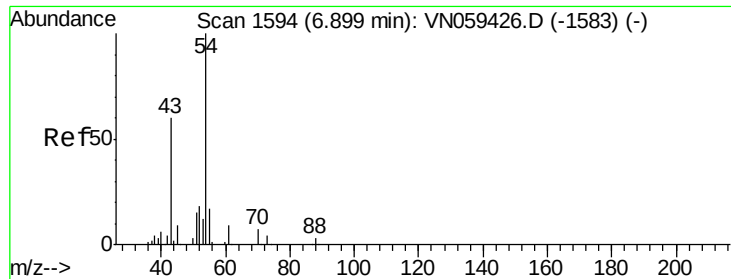
Tot Ion:113 Resp: 157515
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.9 122.9
 192 20.9 16.6 24.8



#36
 1,1-Dichloropropene
 Concen: 51.305 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion: 75 Resp: 261983
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.3 52.0
 77 31.2 24.9 37.3

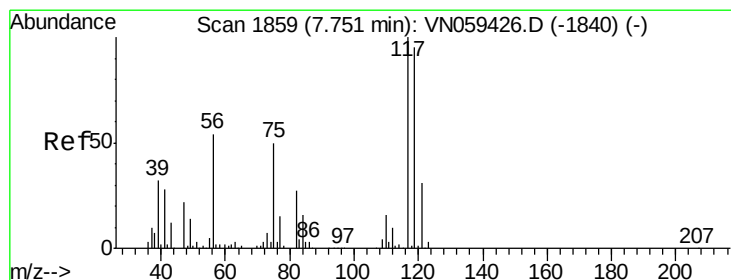
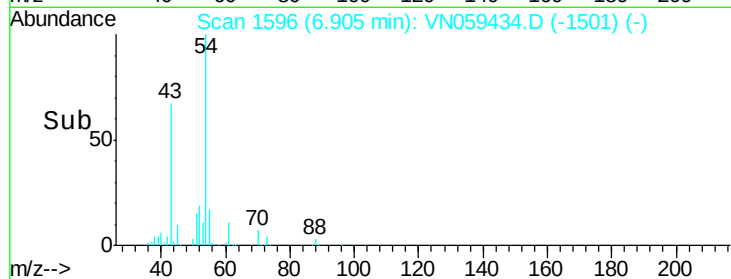
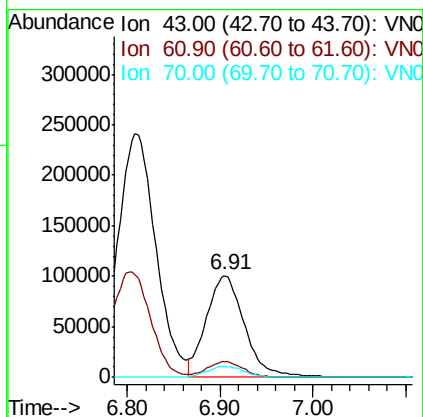
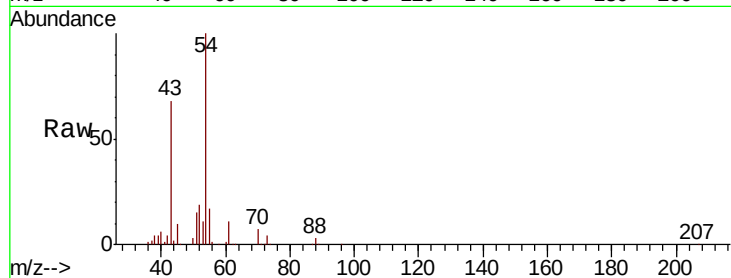




#37
Ethyl Acetate
Concen: 52.417 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

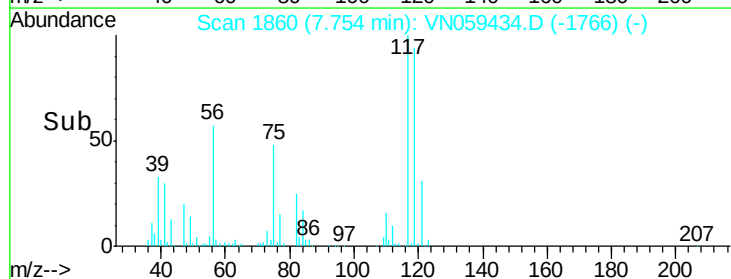
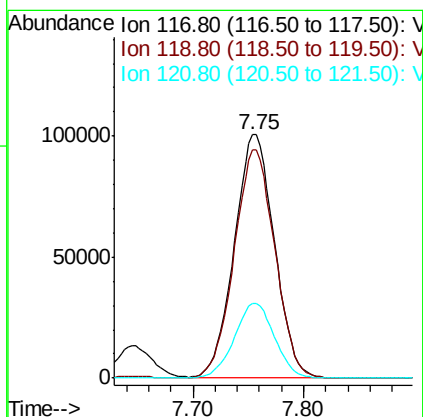
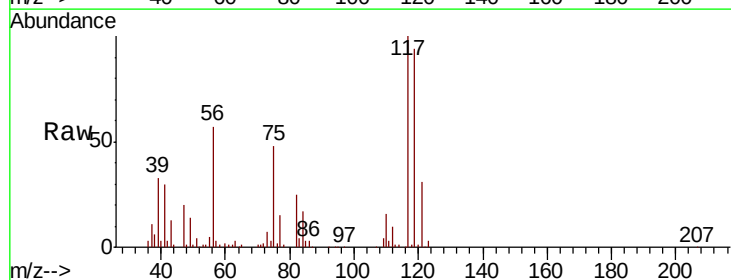
Instrument :
MSVOA_N
ClientSampled :

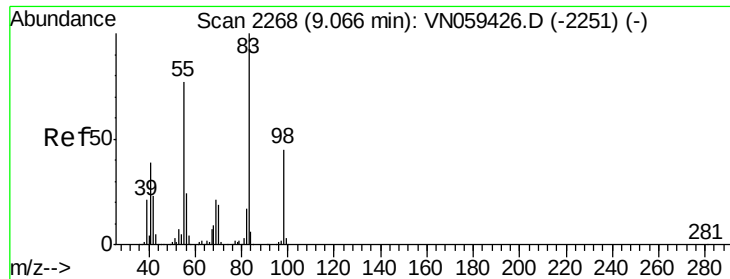
Tot Ion: 43 Resp: 283191
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.732 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 117 Resp: 254124
Ion Ratio Lower Upper
117 100
119 93.4 75.9 113.9
121 30.9 24.6 36.8

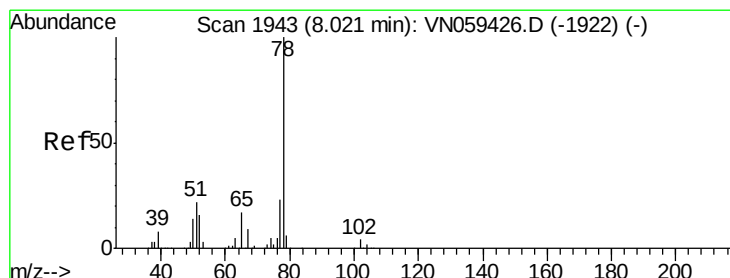
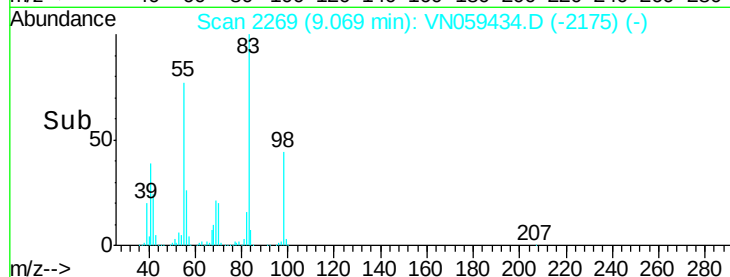
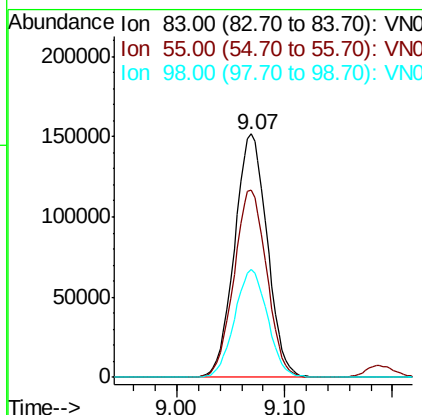
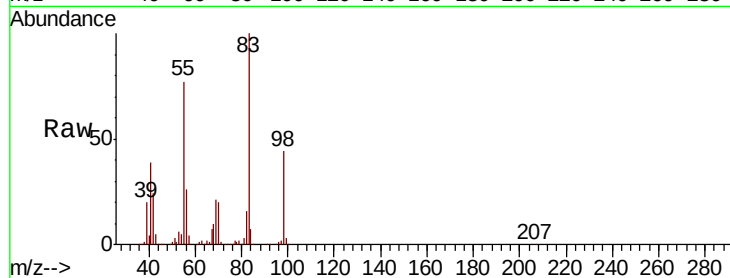




#39
Methylvlcyclohexane
Concen: 52.361 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

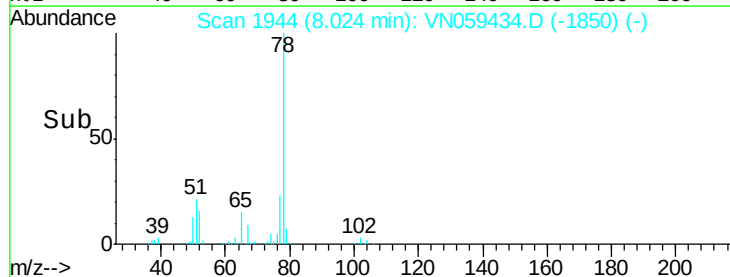
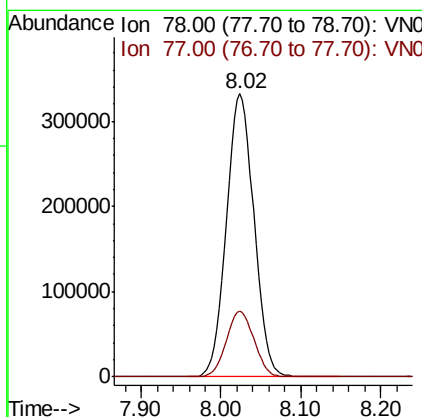
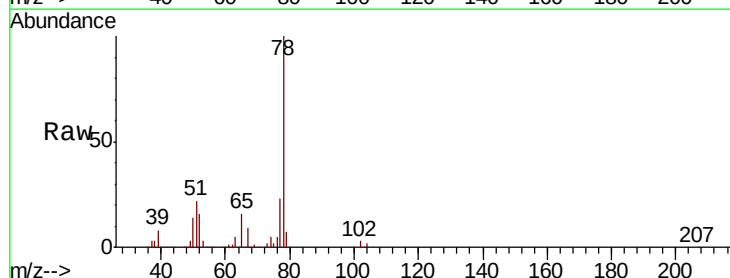
Instrument :
MSVOA_N
ClientSampled :

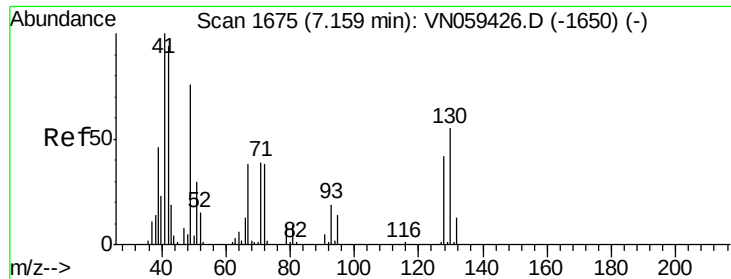
Tot Ion: 83 Resp: 319879
Ion Ratio Lower Upper
83 100
55 77.1 61.6 92.4
98 44.3 35.7 53.5



#40
Benzene
Concen: 51.318 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 78 Resp: 778077
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5





#41

Methacrylonitrile

Concen: 43.575 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.01 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 109622

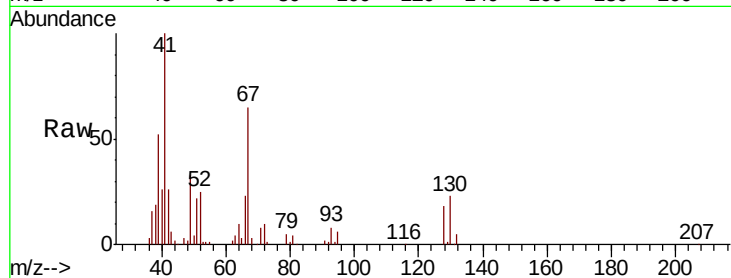
Ion Ratio Lower Upper

41 100

39 68.2 0.0 0.0#

67 101.0 0.0 0.0#

52 40.3 0.0 0.0#

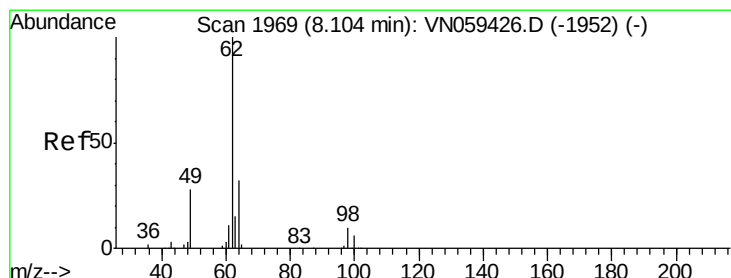
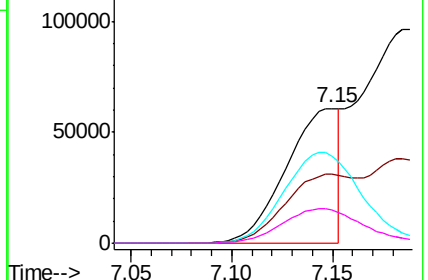
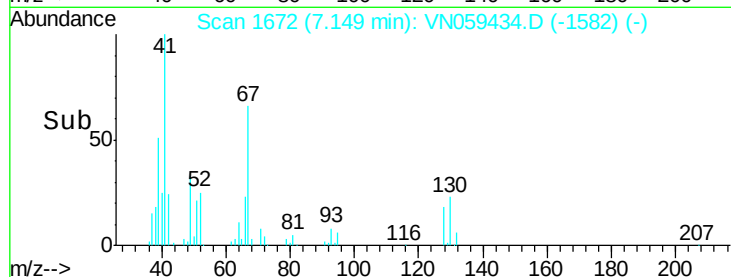


Abundance Ion 41.00 (40.70 to 41.70): VN059426.D (-1650) (-)

Ion 39.00 (38.70 to 39.70): VN059426.D (-1650) (-)

Ion 67.00 (66.70 to 67.70): VN059426.D (-1650) (-)

Ion 52.00 (51.70 to 52.70): VN059426.D (-1650) (-)



#42

1,2-Dichloroethane

Concen: 52.429 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VN059434.D

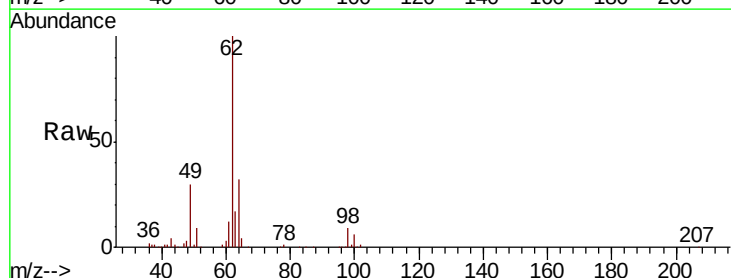
Acq: 27 Nov 2019 20:15

Tgt Ion: 62 Resp: 252063

Ion Ratio Lower Upper

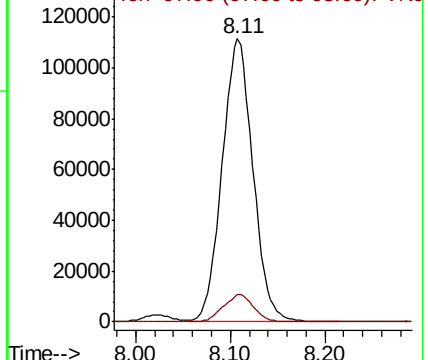
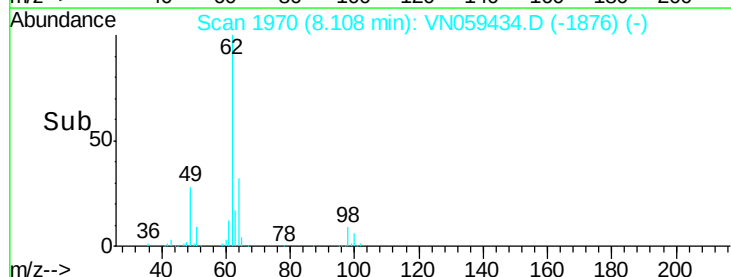
62 100

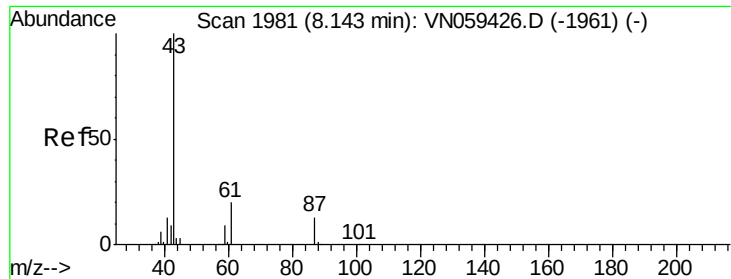
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN059426.D (-1952) (-)

Ion 97.90 (97.60 to 98.60): VN059426.D (-1952) (-)

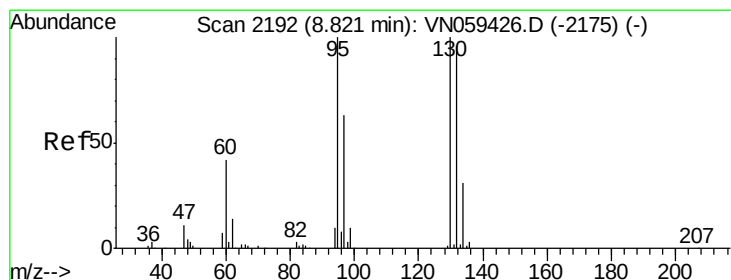
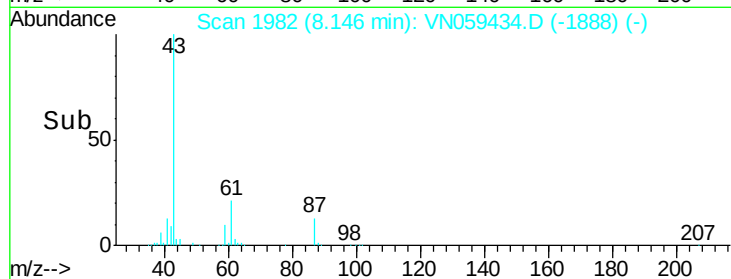
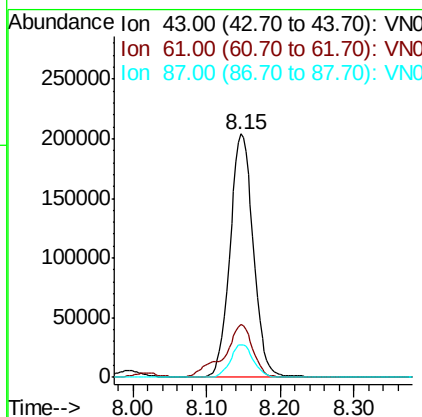
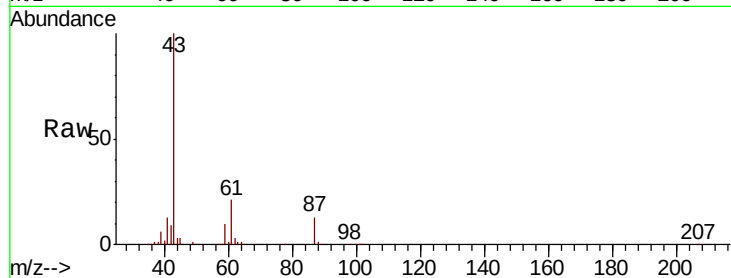




#43
Isopropyl Acetate
Concen: 54.156 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

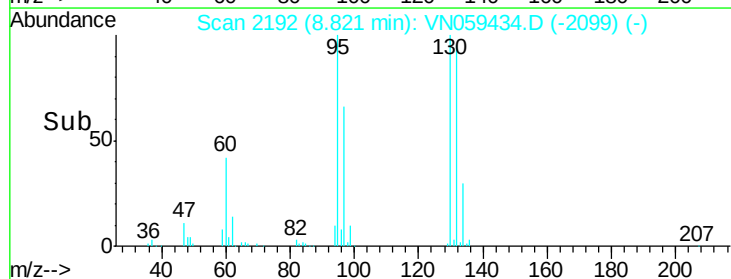
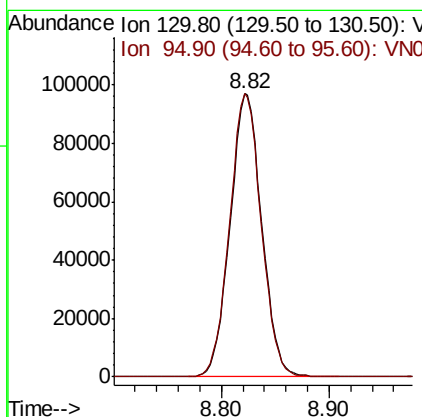
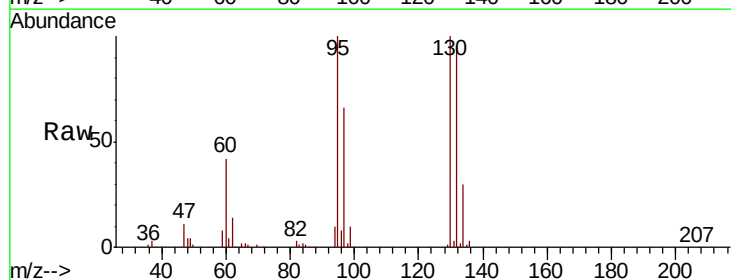
Instrument :
MSVOA_N
ClientSampled :

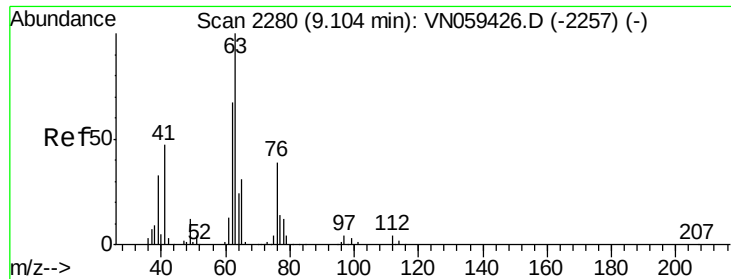
Tot Ion: 43 Resp: 444487
Ion Ratio Lower Upper
43 100
61 26.9 22.2 33.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 51.129 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion:130 Resp: 197664
Ion Ratio Lower Upper
130 100
95 100.1 0.0 199.6

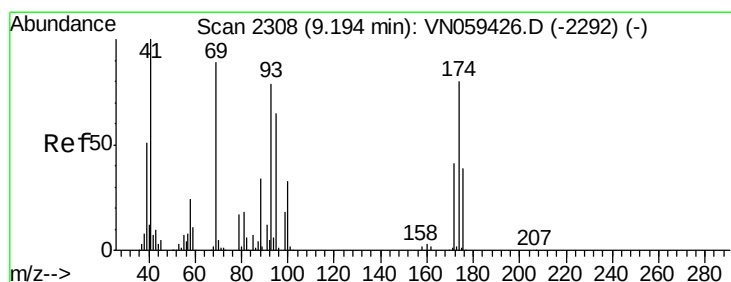
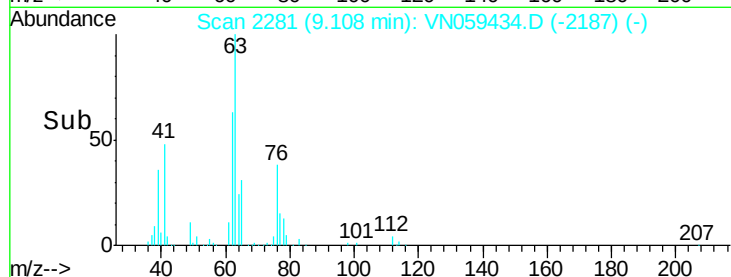
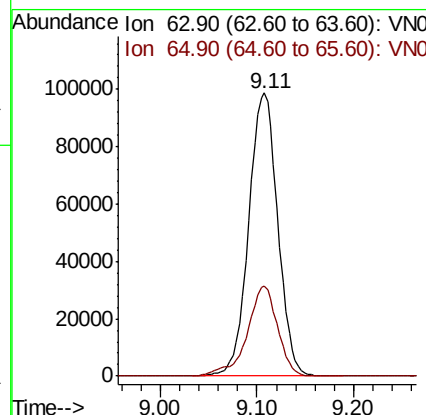
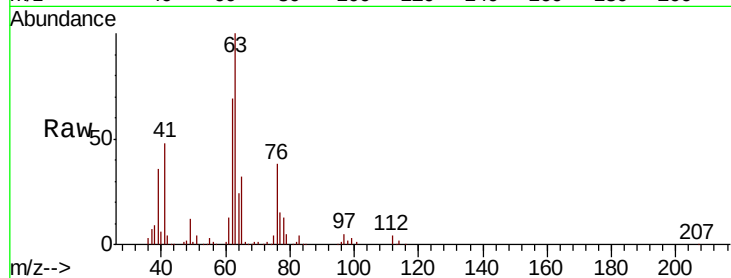




#45
 1,2-Dichloropropane
 Concen: 51.935 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

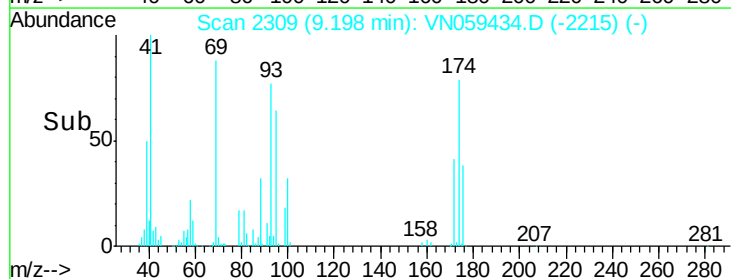
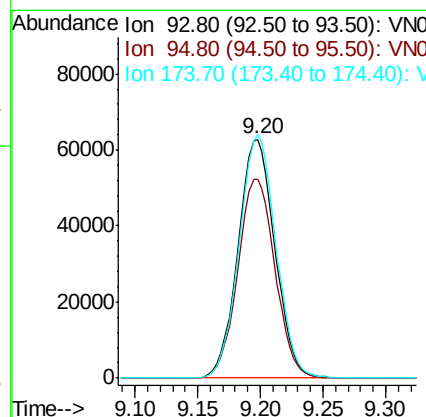
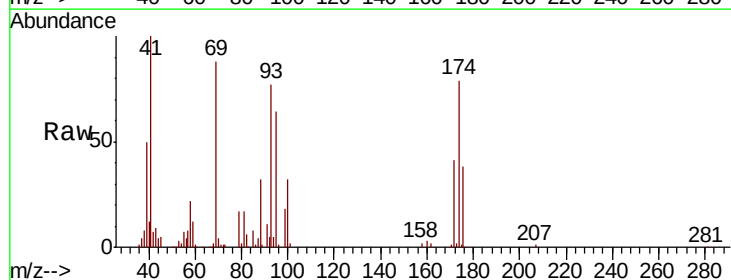
Instrument :
 MSVOA_N
 ClientSampled :

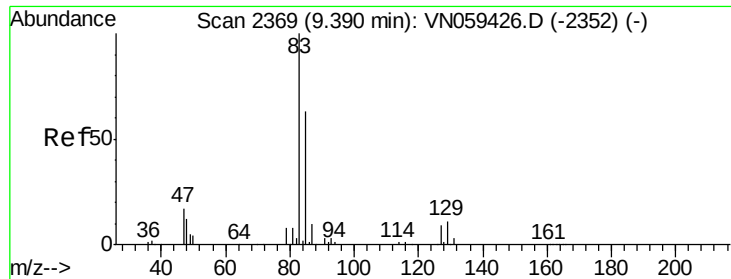
Tot Ion: 63 Resp: 205968
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 36.8



#46
 Dibromomethane
 Concen: 52.245 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion: 93 Resp: 127863
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.2 99.4
 174 102.1 81.8 122.8





#47

Bromodichloromethane

Concen: 51.756 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

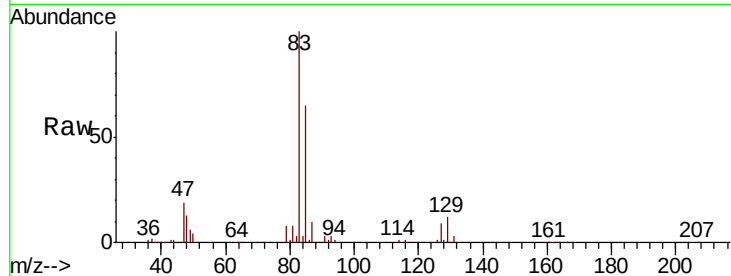
Tot Ion: 83 Resp: 256190

Ion Ratio Lower Upper

83 100

85 65.2 50.6 75.8

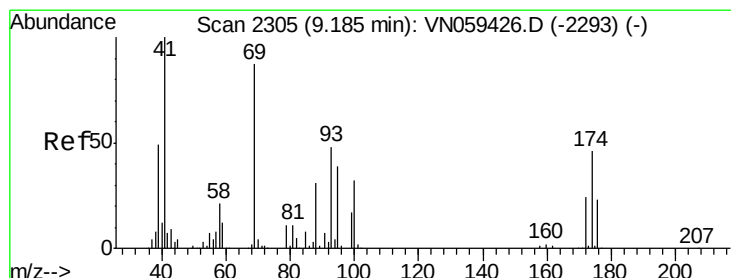
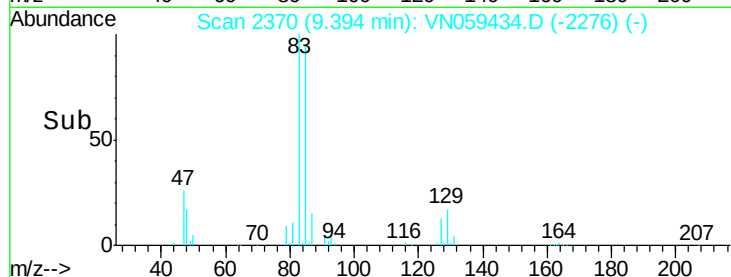
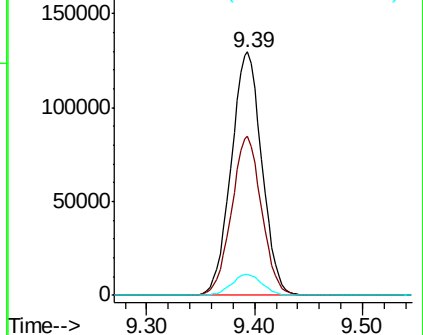
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN059434.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059434.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059434.D (-2276) (-)



#48

Methyl methacrylate

Concen: 54.298 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

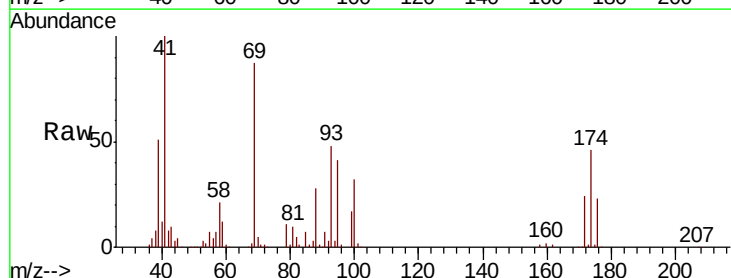
Tgt Ion: 41 Resp: 197718

Ion Ratio Lower Upper

41 100

69 88.2 71.6 107.4

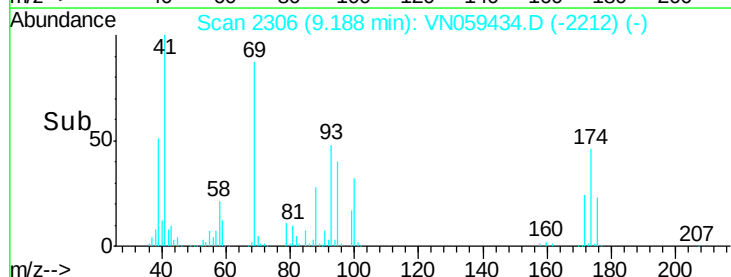
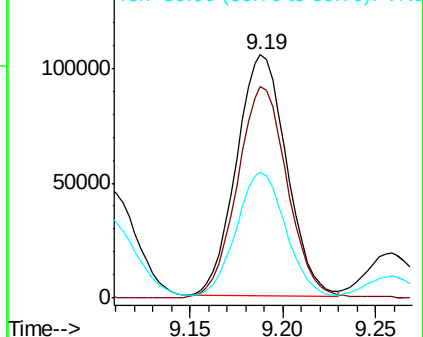
39 52.0 41.3 61.9

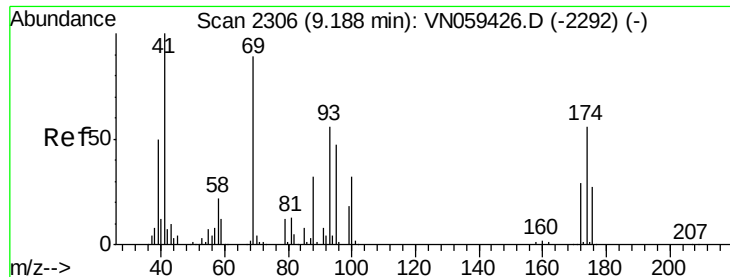


Abundance Ion 41.00 (40.70 to 41.70): VN059434.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059434.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059434.D (-2212) (-)

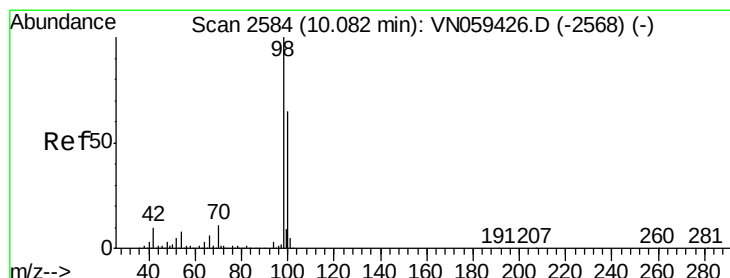
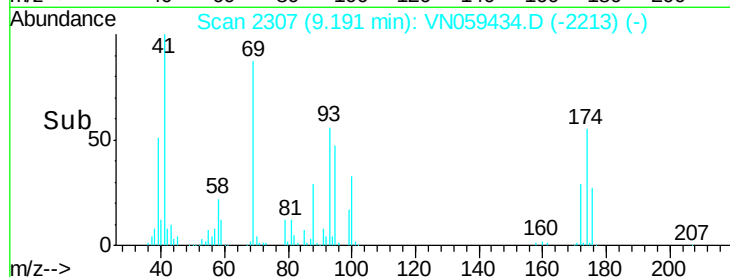
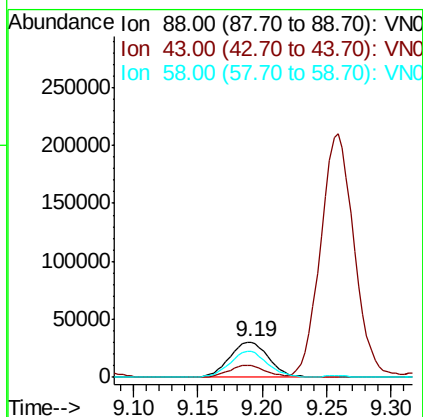
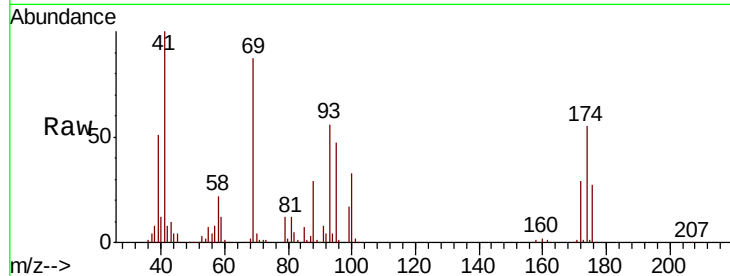




#49
1,4-Dioxane
Concen: 1203.064 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

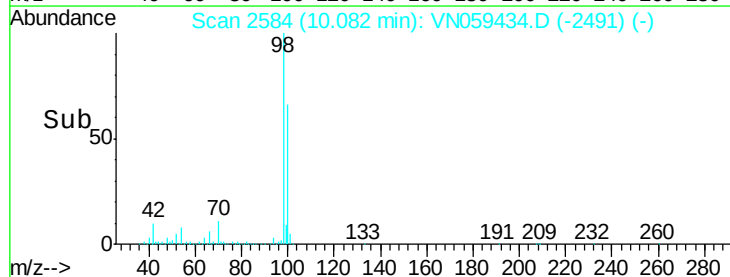
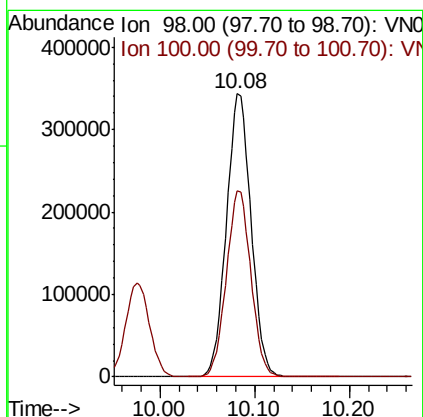
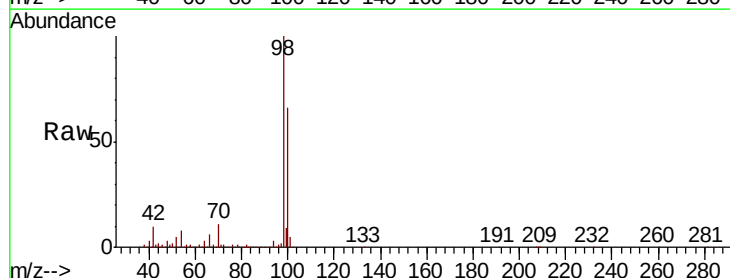
Instrument :
MSVOA_N
ClientSampled :

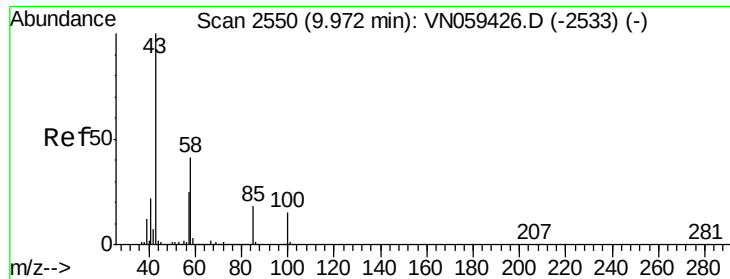
Tot Ion: 88 Resp: 63981
Ion Ratio Lower Upper
88 100
43 30.4 23.7 35.5
58 71.4 56.3 84.5



#50
Toluene-d8
Concen: 48.220 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 98 Resp: 621457
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

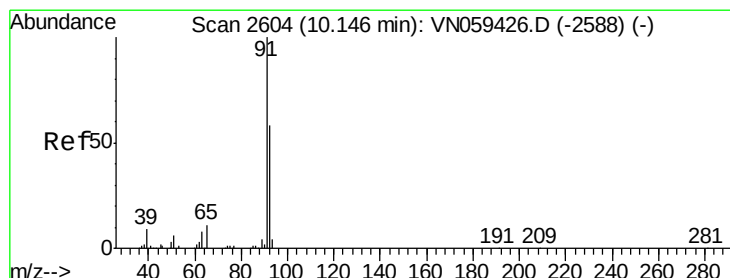
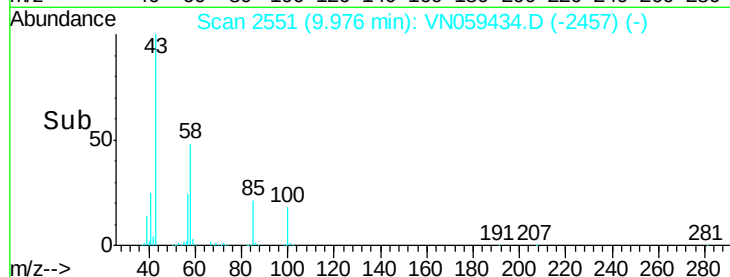
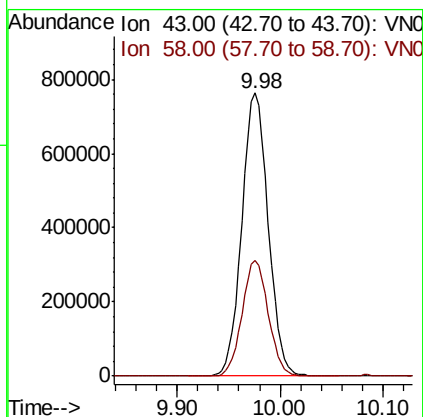
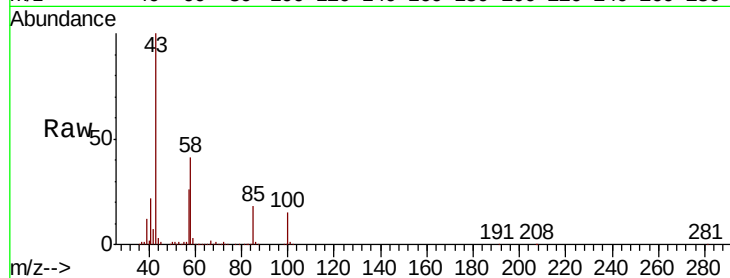




#51
 4-Methyl-2-Pentanone
 Concen: 284.742 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

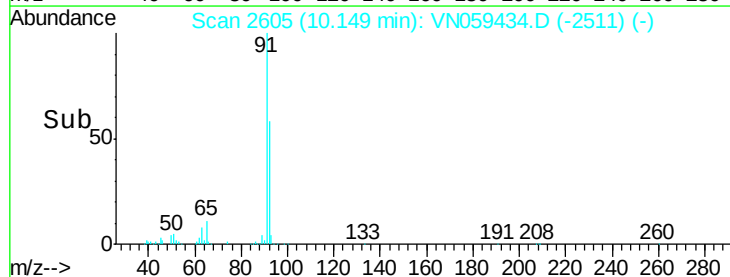
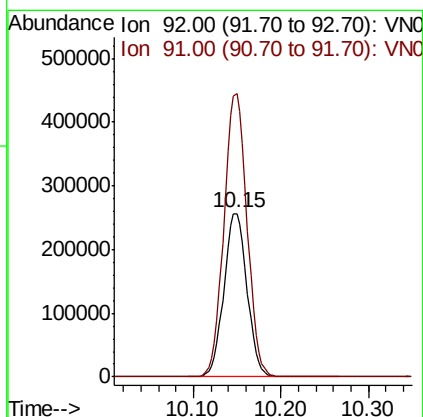
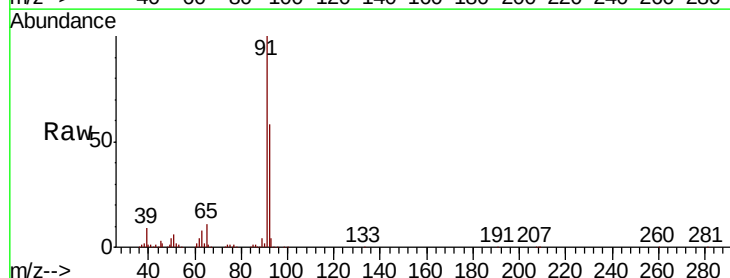
Instrument :
 MSVOA_N
 ClientSampled :

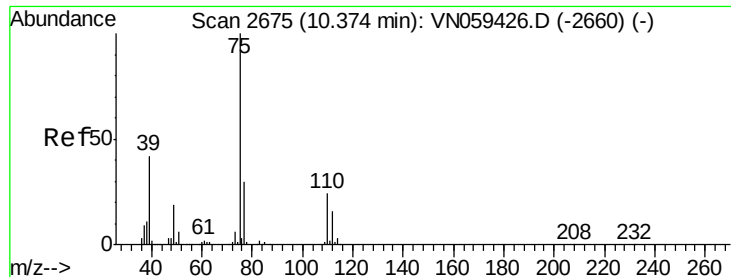
Tot Ion: 43 Resp: 135571
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.5 48.7



#52
 Toluene
 Concen: 51.914 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion: 92 Resp: 470238
 Ion Ratio Lower Upper
 92 100
 91 173.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 52.419 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

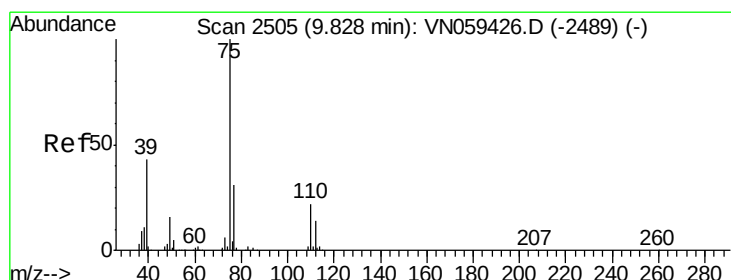
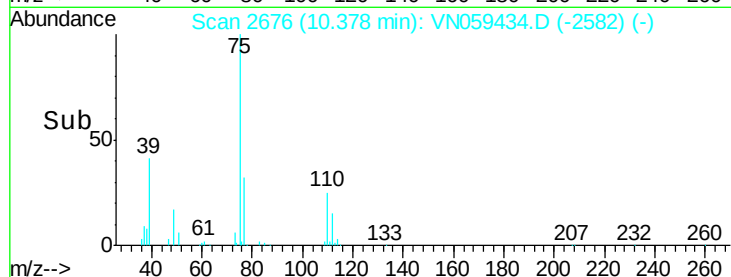
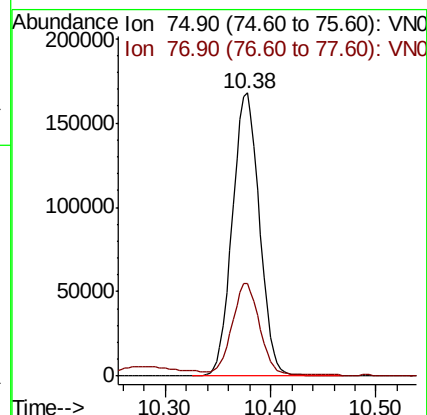
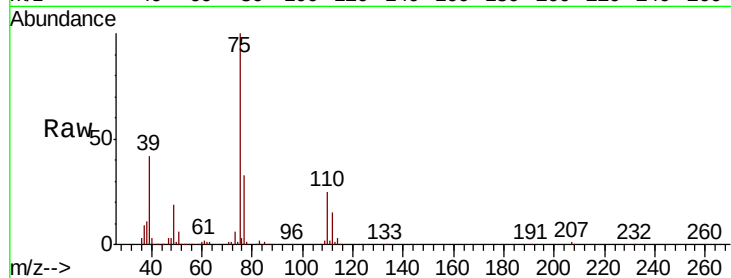
ClientSampleId :

Tot Ion: 75 Resp: 298147

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.893 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

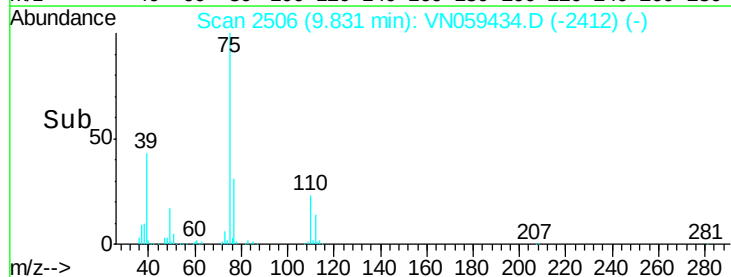
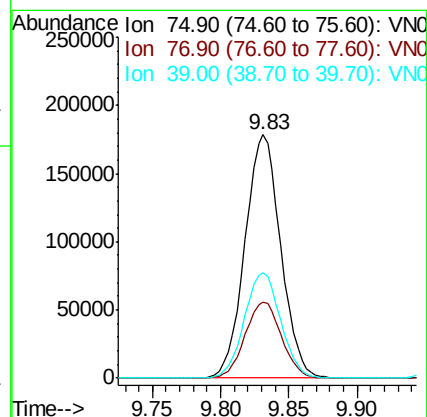
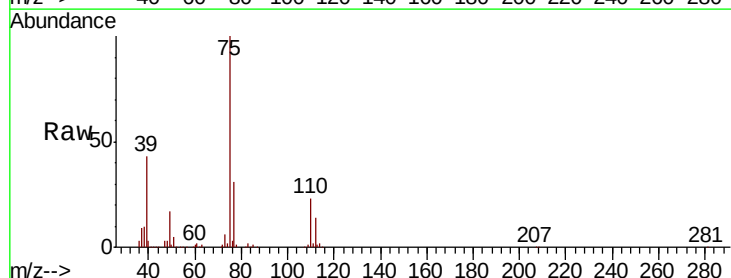
Tgt Ion: 75 Resp: 324761

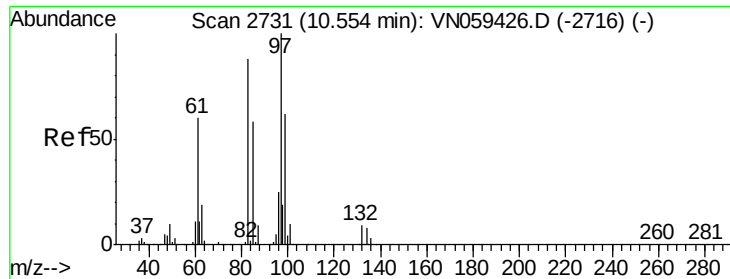
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 43.3 34.0 51.0

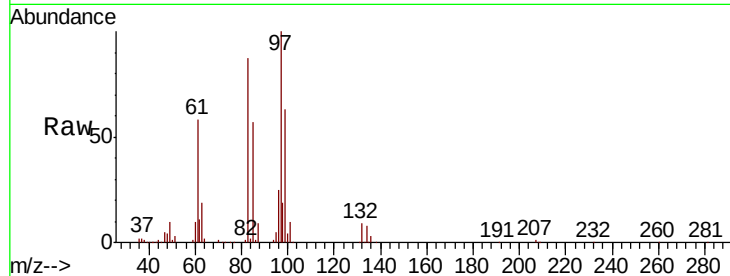




#55
 1,1,2-Trichloroethane
 Concen: 52.168 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	184956
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.7	106.1
85	57.0	46.4	69.6
99	63.5	49.6	74.4



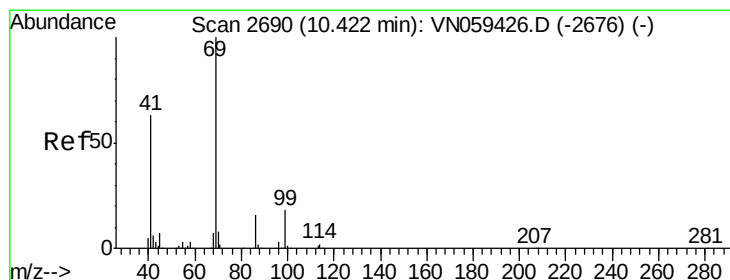
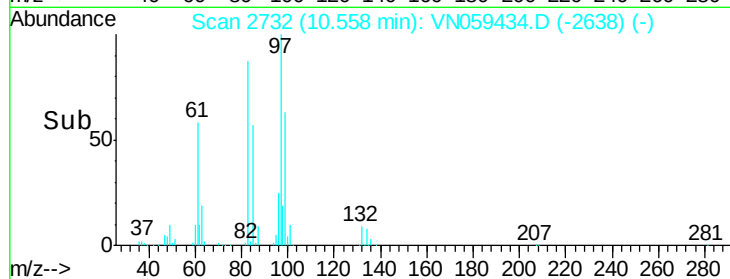
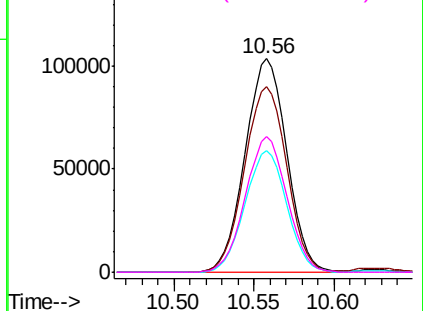
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

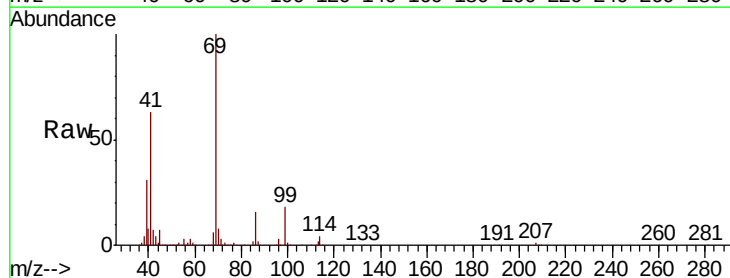
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 57.484 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion:	69	Resp:	291409
Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.1	75.1
39	30.9	23.9	35.9

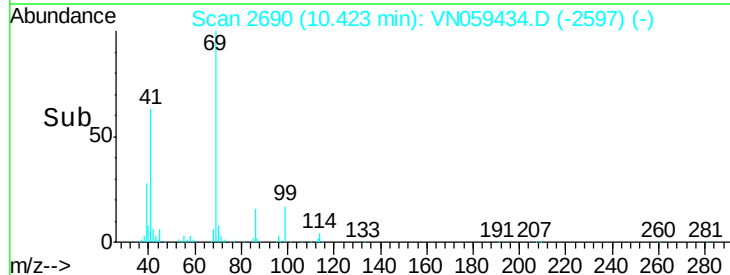
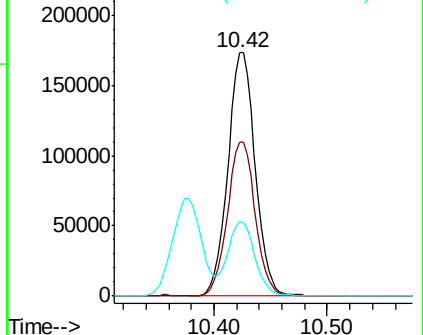


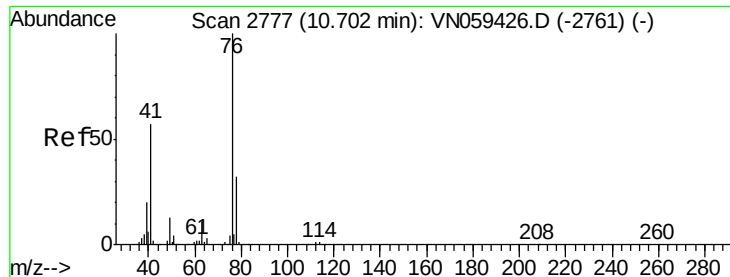
Abundance

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: 52.332 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

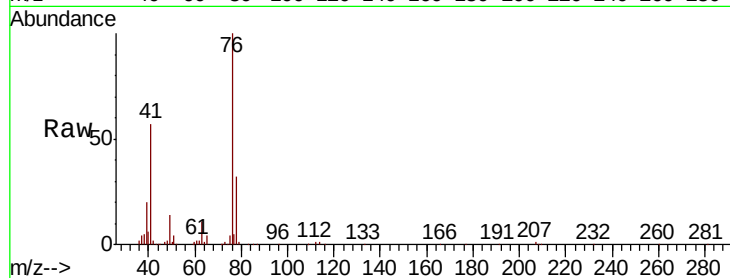
ClientSampled :

Tot Ion: 76 Resp: 320678

Ion Ratio Lower Upper

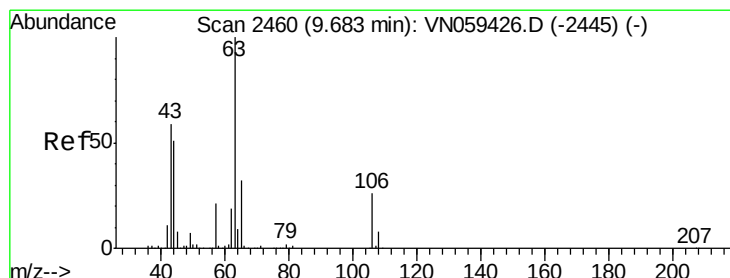
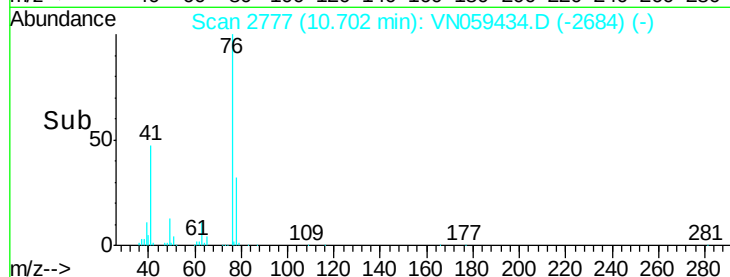
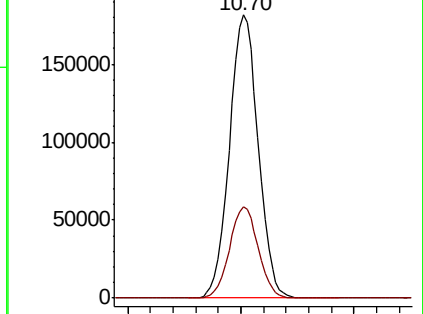
76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 369.452 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059434.D

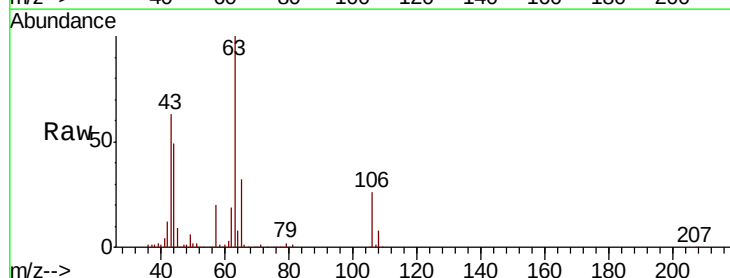
Acq: 27 Nov 2019 20:15

Tgt Ion: 63 Resp: 561235

Ion Ratio Lower Upper

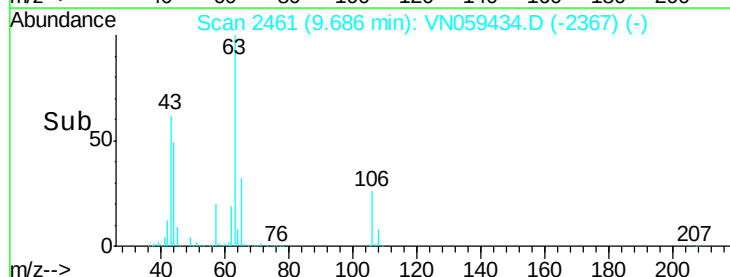
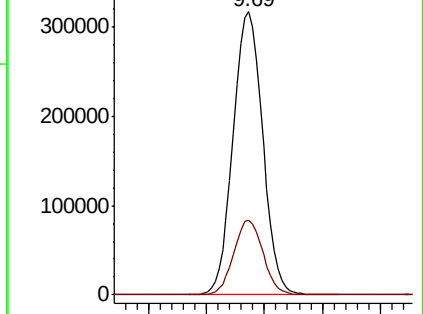
63 100

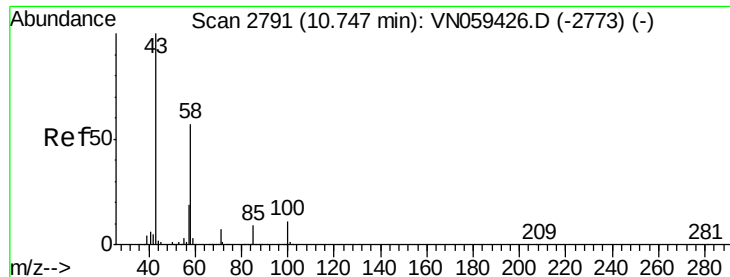
106 26.1 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

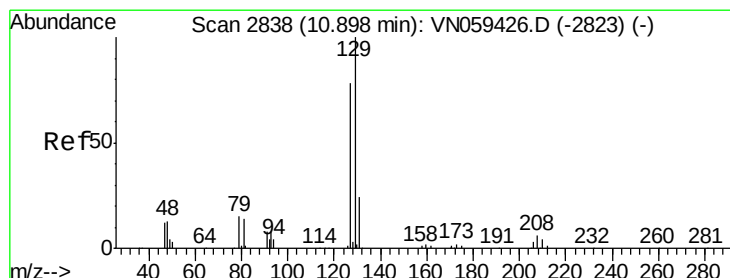
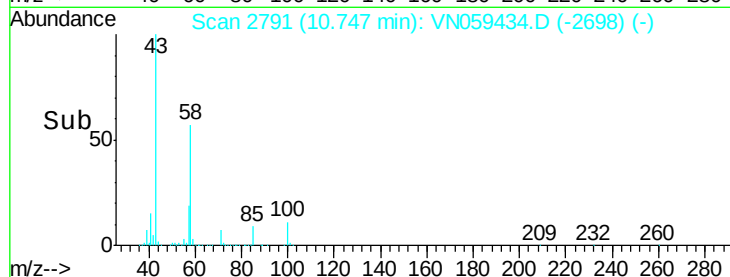
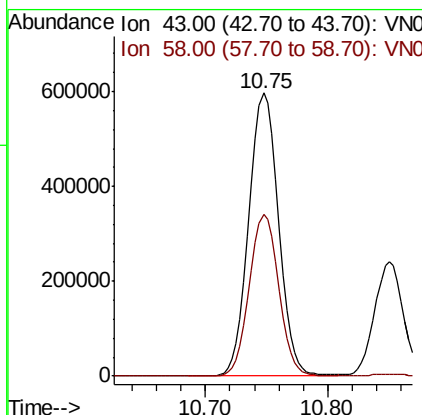
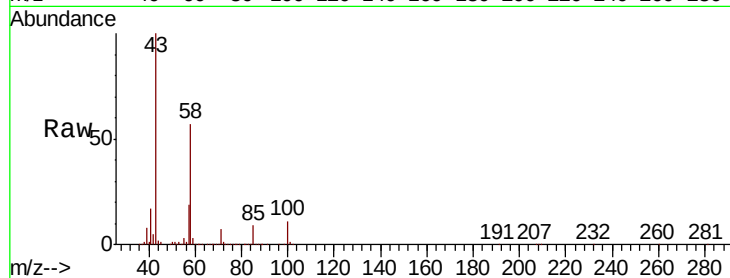




#59
2-Hexanone
Concen: 283.316 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

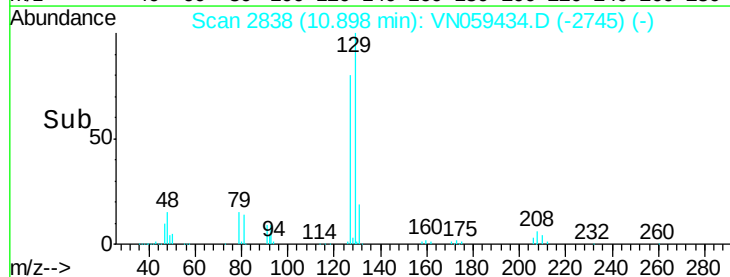
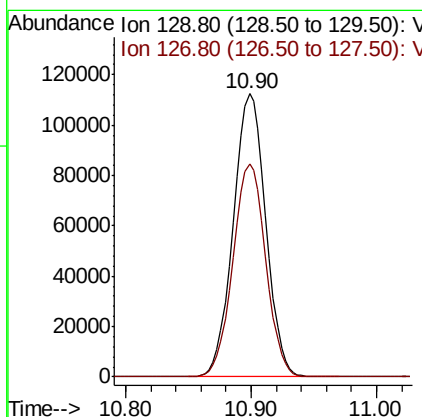
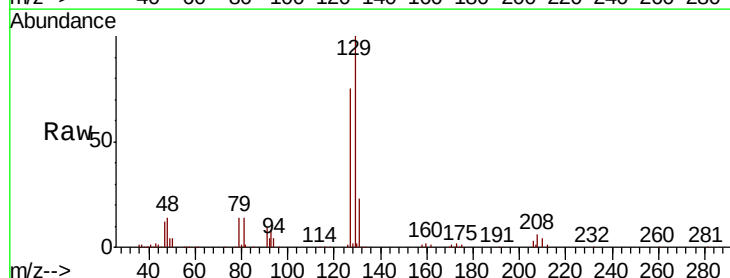
Instrument :
MSVOA_N
ClientSampleId :

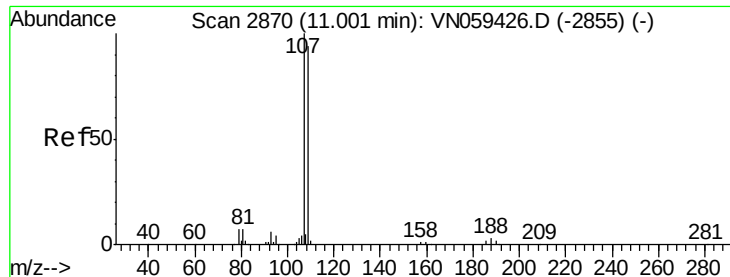
Tot Ion: 43 Resp: 1000150
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 54.713 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 129 Resp: 202484
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 53.148 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

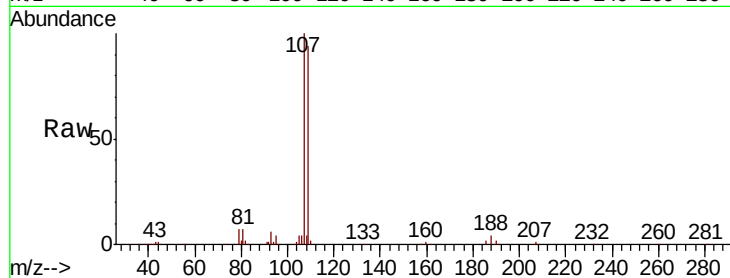
ClientSampleId :

Tot Ion: 107 Resp: 193092

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

120000

100000

80000

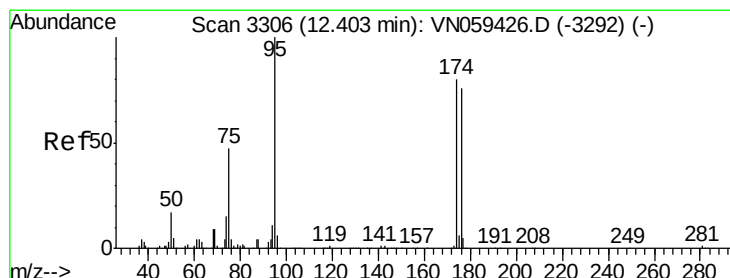
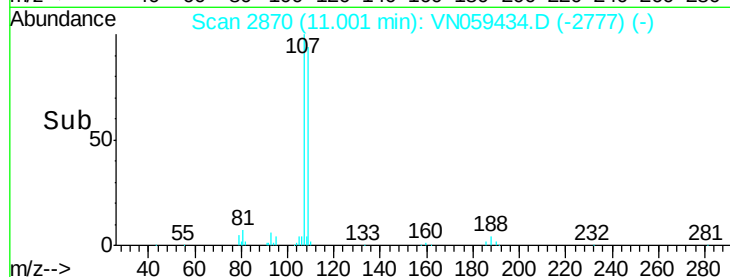
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 49.525 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

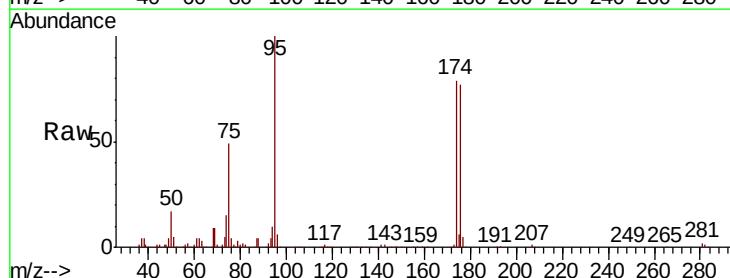
Tgt Ion: 95 Resp: 222235

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.0

176 77.2 0.0 153.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

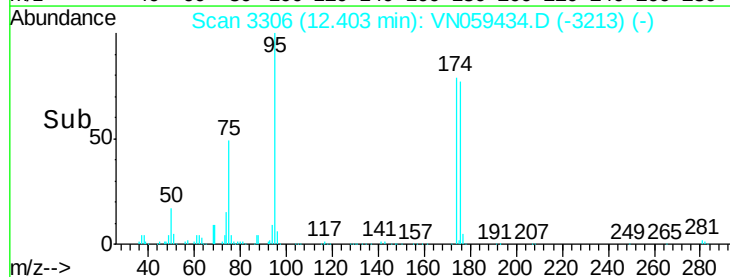
150000

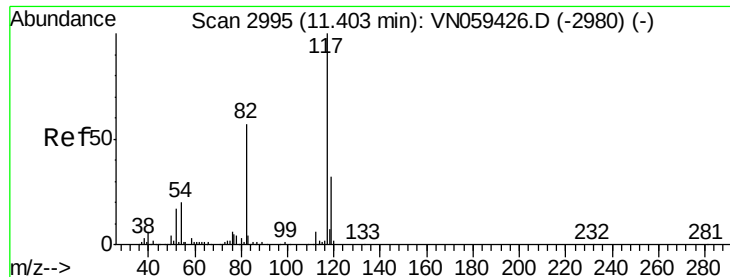
100000

50000

0

Time--> 12.35 12.40 12.45

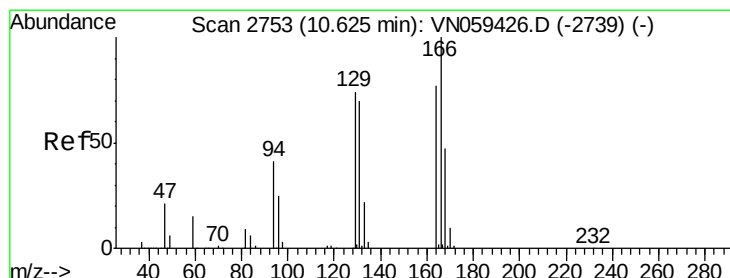
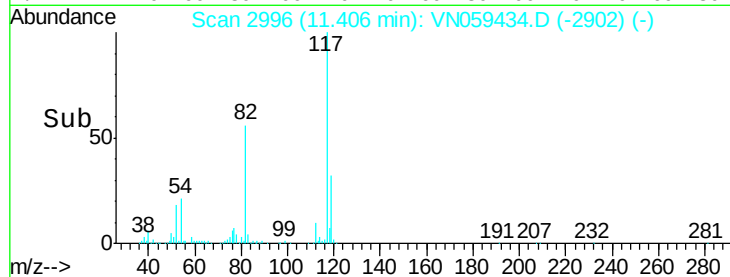
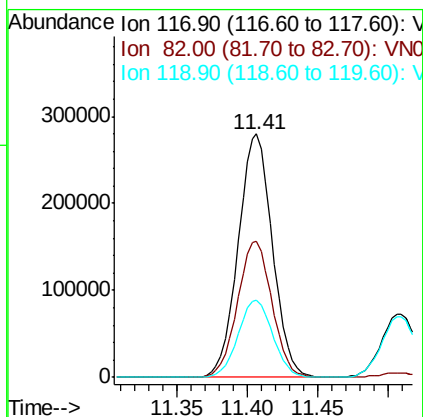
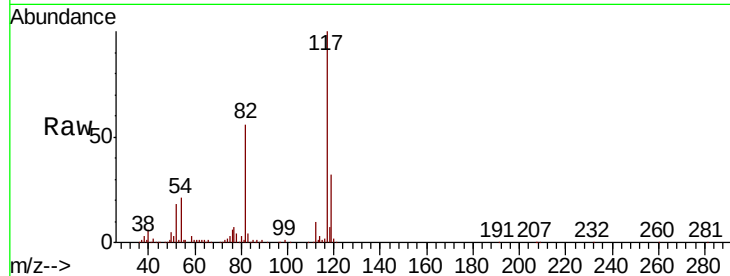




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

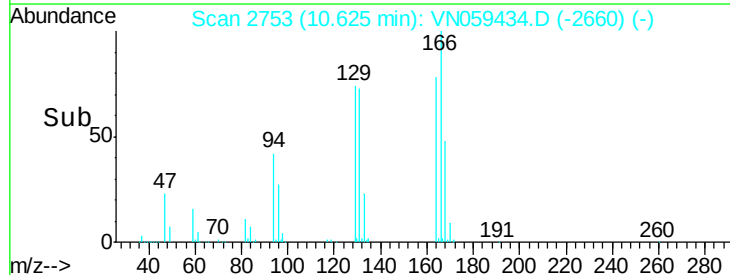
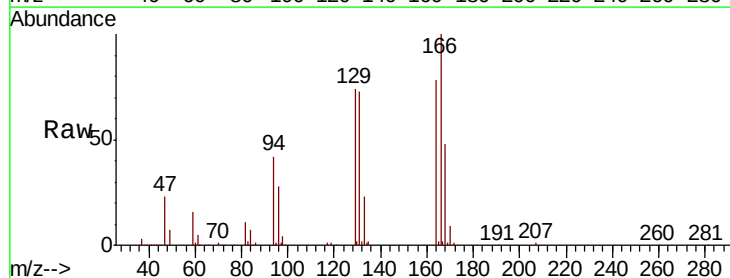
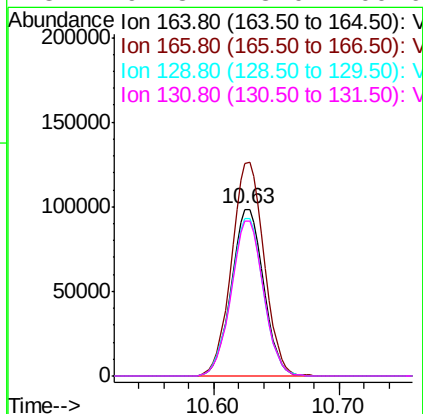
Instrument :
MSVOA_N
ClientSampleId :

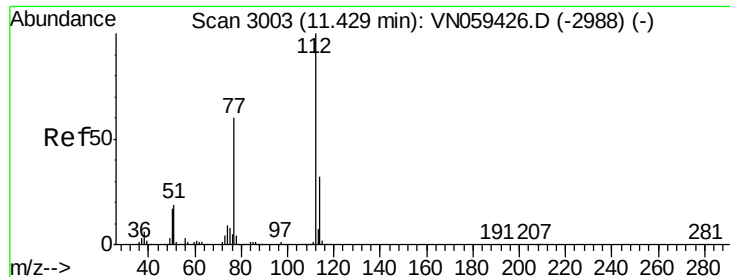
Tot Ion:117 Resp: 475710
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 49.786 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion:164 Resp: 175178
Ion Ratio Lower Upper
164 100
166 127.6 104.2 156.4
129 94.5 76.8 115.2
131 92.8 73.0 109.6





#65

Chlorobenzene

Concen: 50.930 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

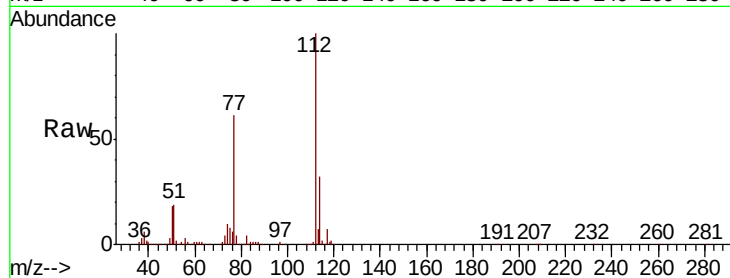
ClientSampleId :

Tot Ion:112 Resp: 490482

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

300000

250000

200000

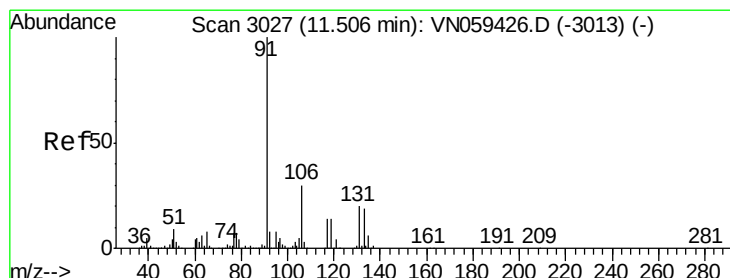
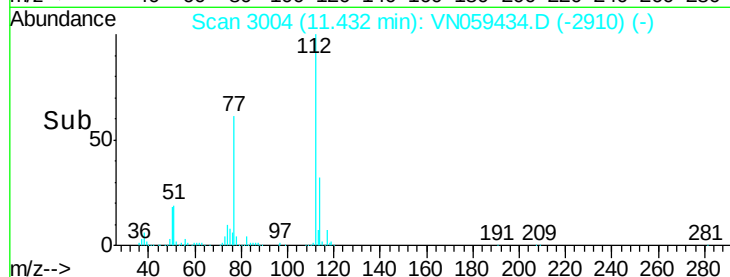
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.861 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

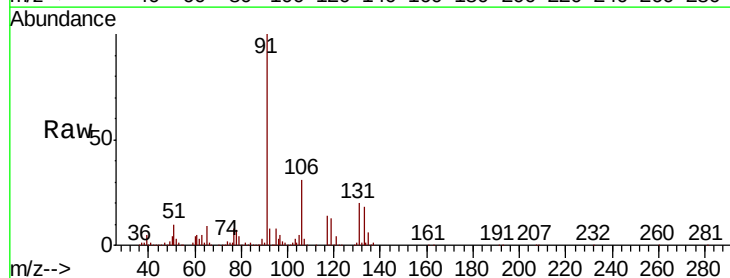
Tgt Ion:131 Resp: 184613

Ion Ratio Lower Upper

131 100

133 94.9 48.2 144.6

119 66.6 33.8 101.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

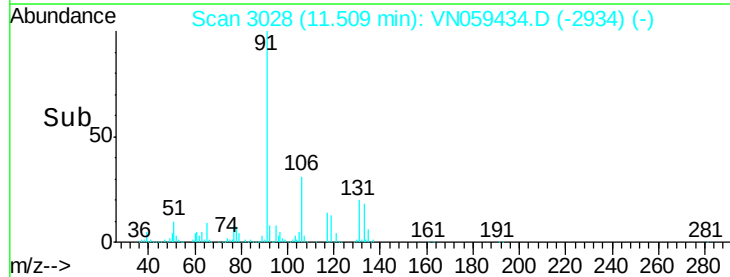
11.51

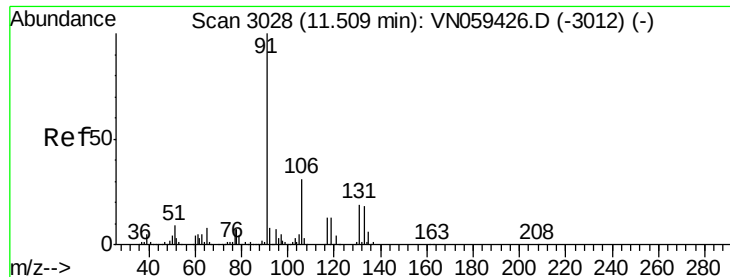
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 53.023 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

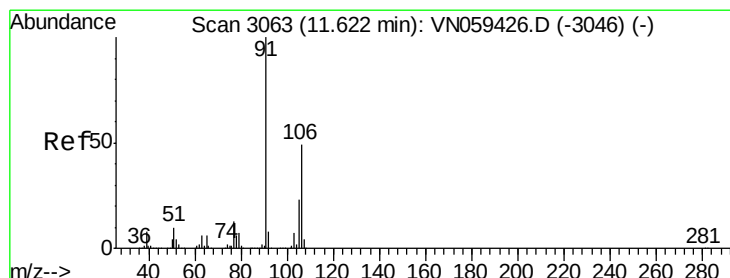
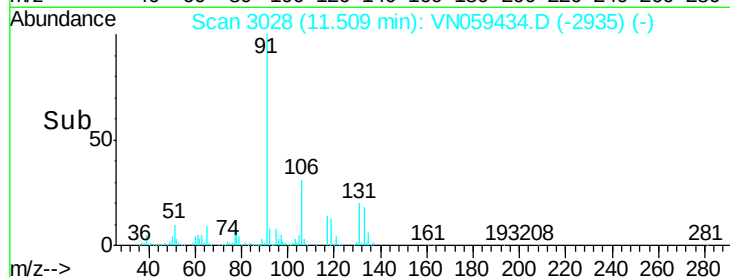
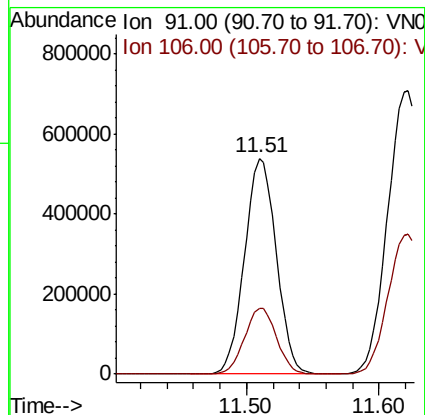
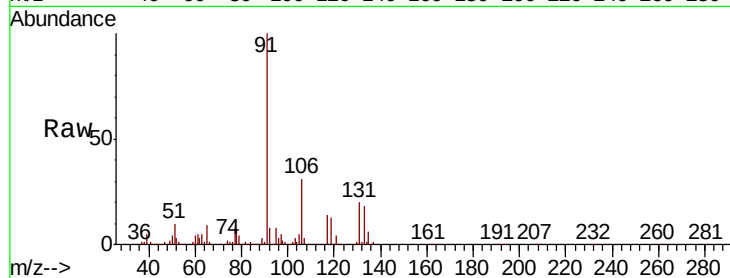
ClientSampleId :

Tot Ion: 91 Resp: 896921

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 106.344 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059434.D

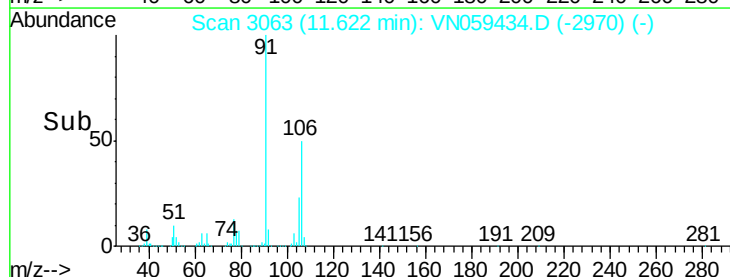
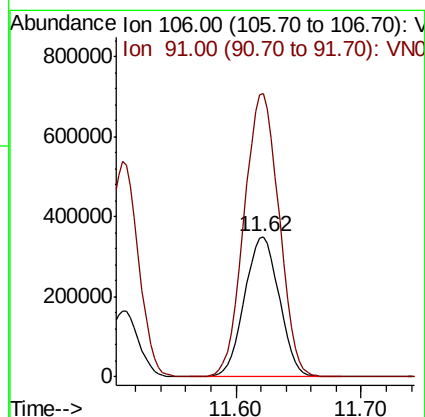
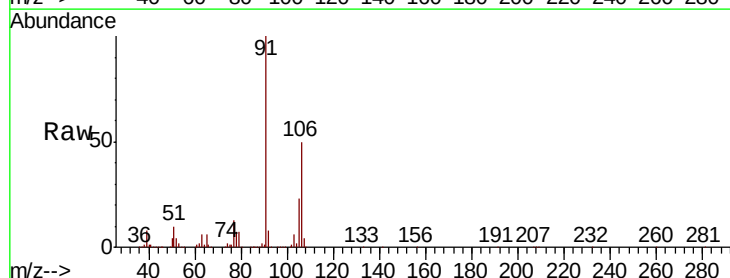
Acq: 27 Nov 2019 20:15

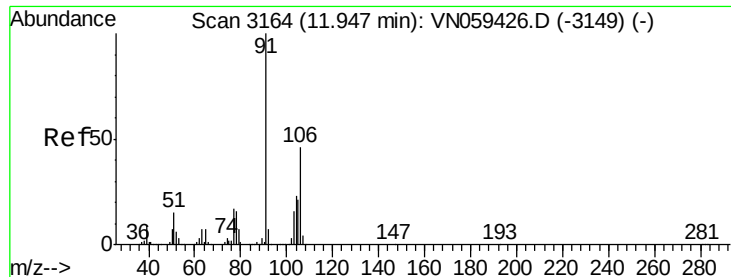
Tgt Ion: 106 Resp: 671630

Ion Ratio Lower Upper

106 100

91 204.3 163.7 245.5

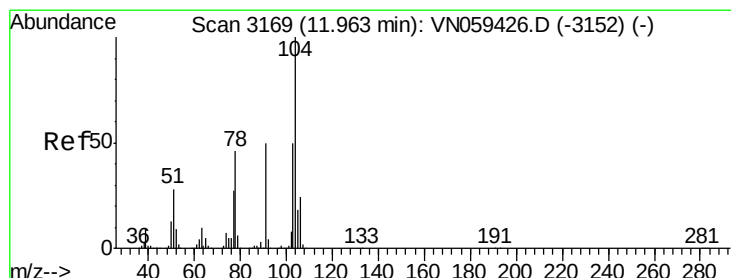
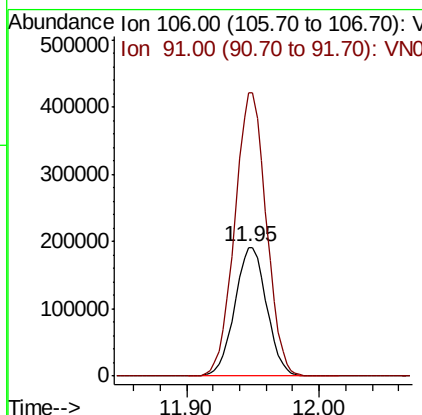
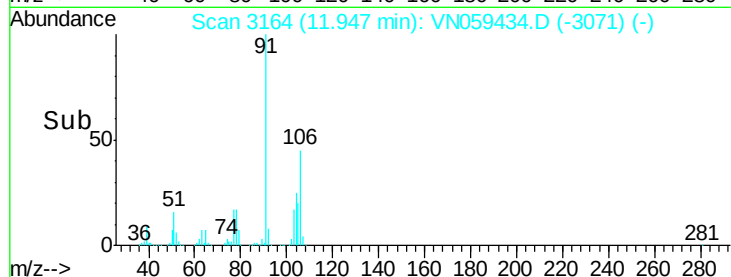
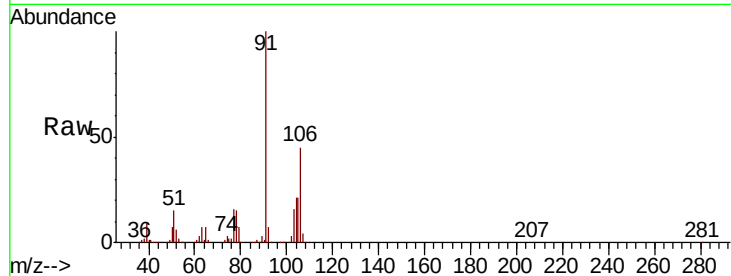




#69
o-Xylene
Concen: 52.697 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

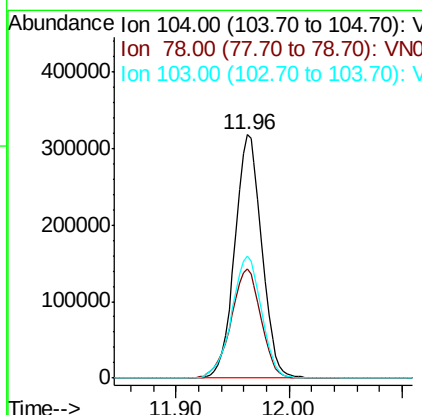
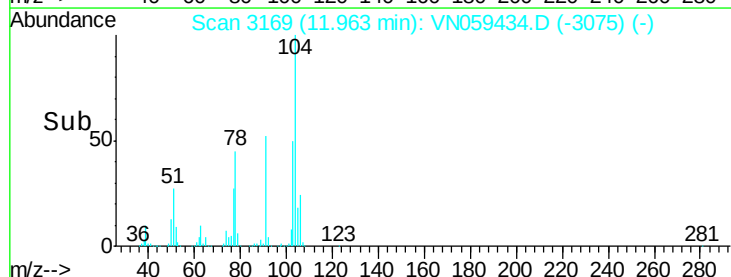
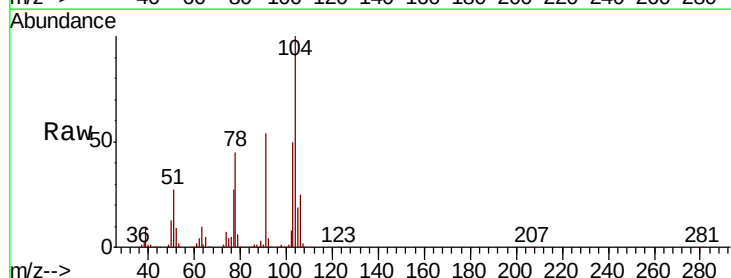
Instrument :
MSVOA_N
ClientSampleId :

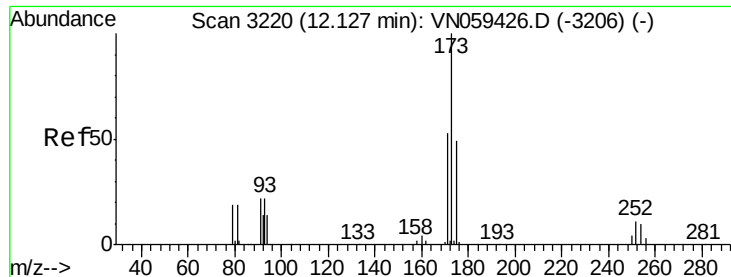
Tot Ion:106 Resp: 319184
Ion Ratio Lower Upper
106 100
91 218.1 107.5 322.4



#70
Styrene
Concen: 57.294 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion:104 Resp: 528046
Ion Ratio Lower Upper
104 100
78 49.7 40.4 60.6
103 55.1 43.8 65.6





#71

Bromoform

Concen: 54.393 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampled :

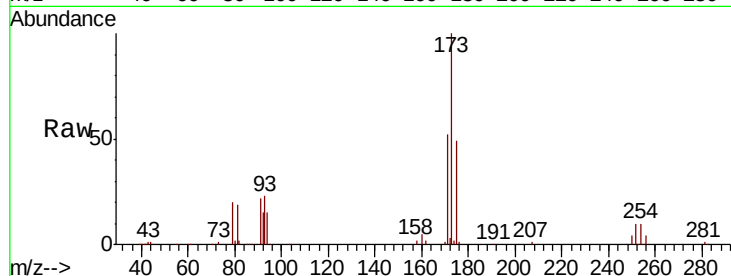
Tot Ion:173 Resp: 144645

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

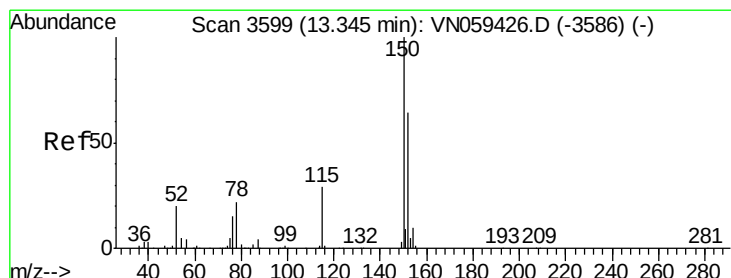
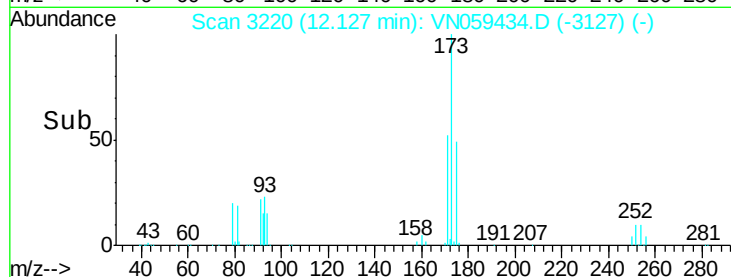
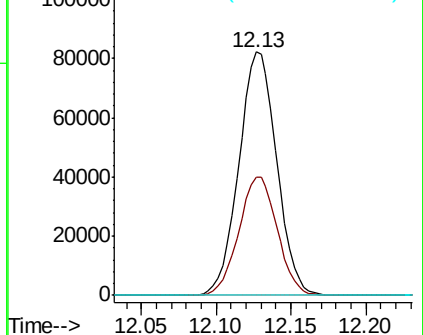
254 0.1 0.0 0.0#



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: VN059434.D

Acq: 27 Nov 2019 20:15

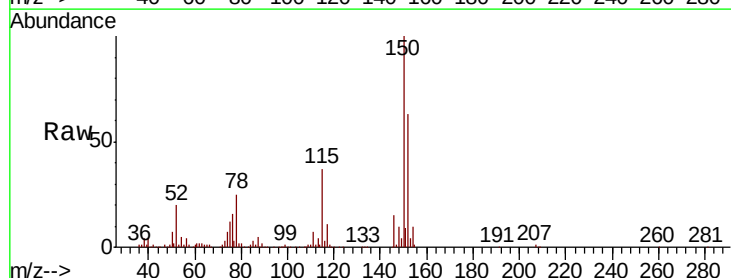
Tgt Ion:152 Resp: 230325

Ion Ratio Lower Upper

152 100

115 58.5 29.5 88.6

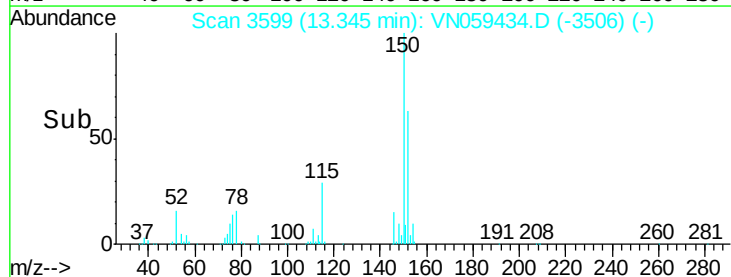
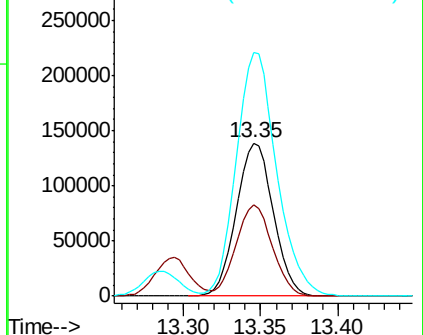
150 173.8 0.0 347.2

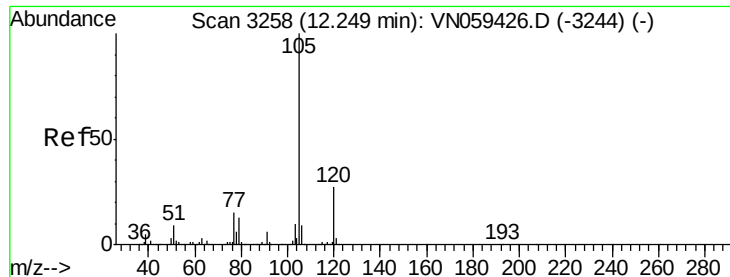


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.533 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

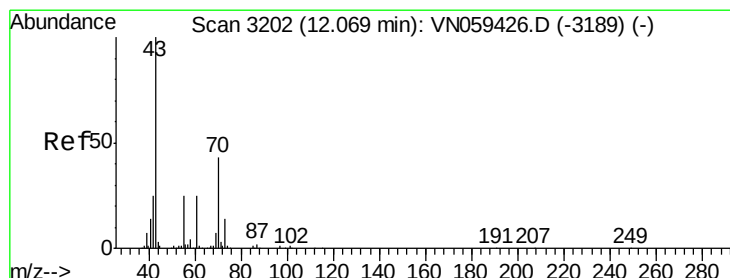
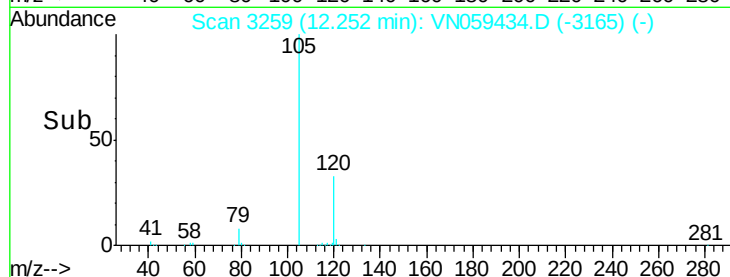
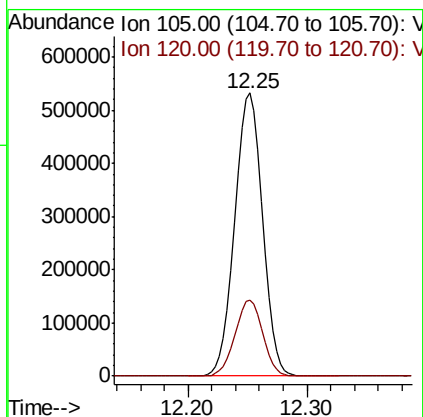
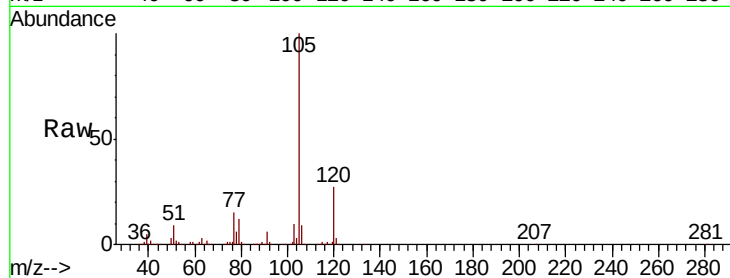
ClientSampleId :

Tot Ion:105 Resp: 862229

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 58.315 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion: 43 Resp: 357923

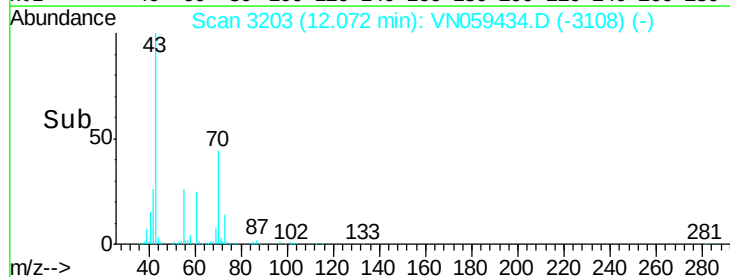
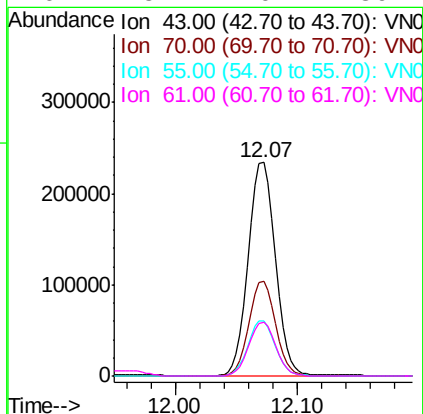
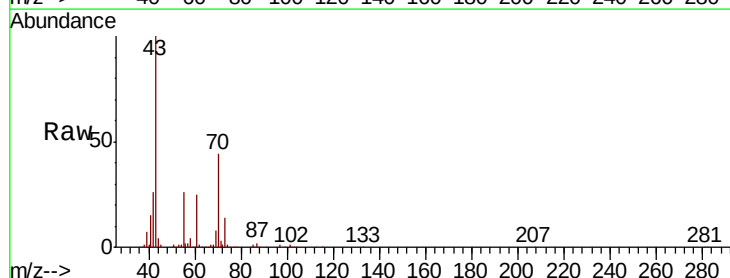
Ion Ratio Lower Upper

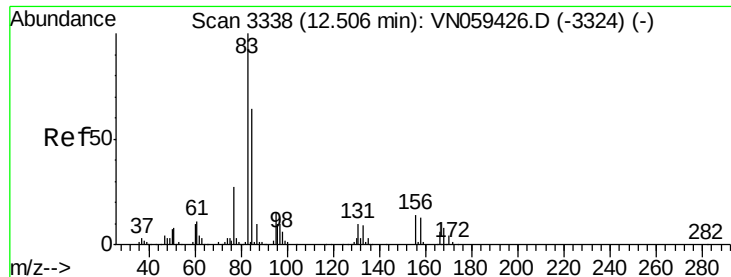
43 100

70 43.6 34.6 52.0

55 25.9 20.5 30.7

61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.319 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampled :

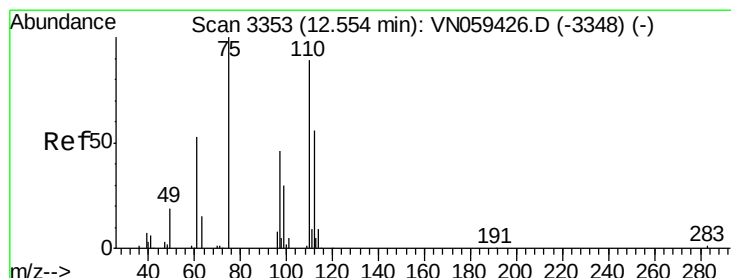
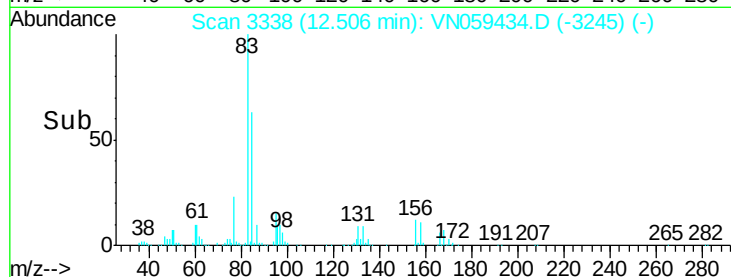
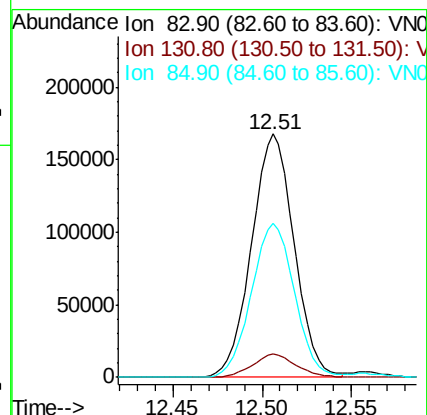
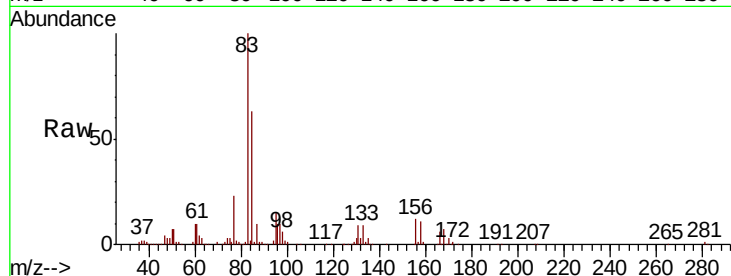
Tot Ion: 83 Resp: 279991

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 64.0 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 72.168 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059434.D

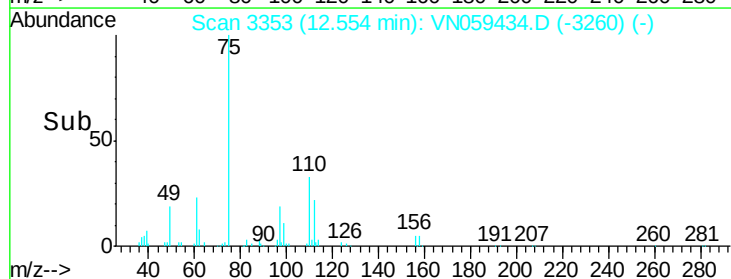
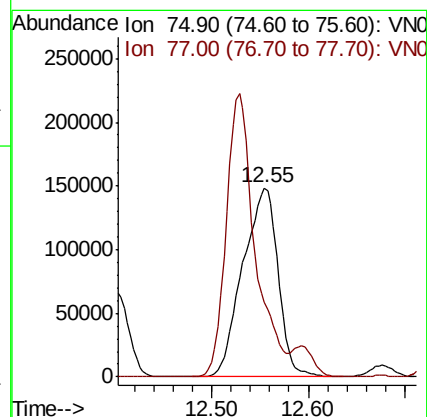
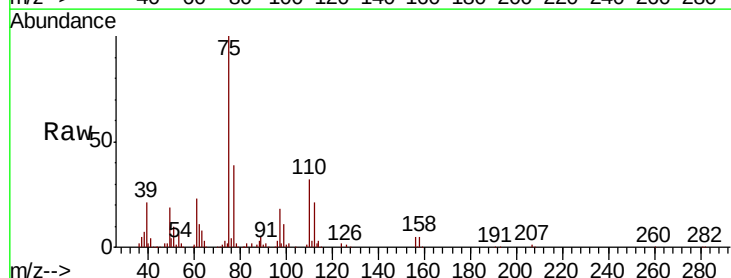
Acq: 27 Nov 2019 20:15

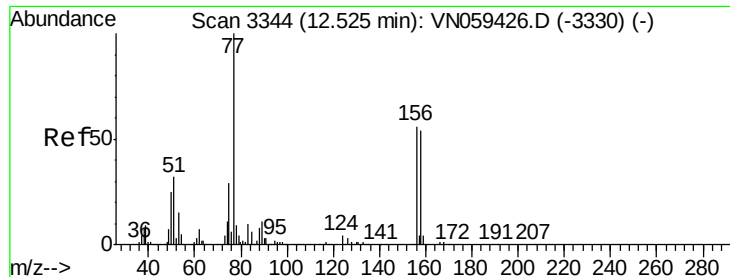
Tgt Ion: 75 Resp: 376037

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.773 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampled :

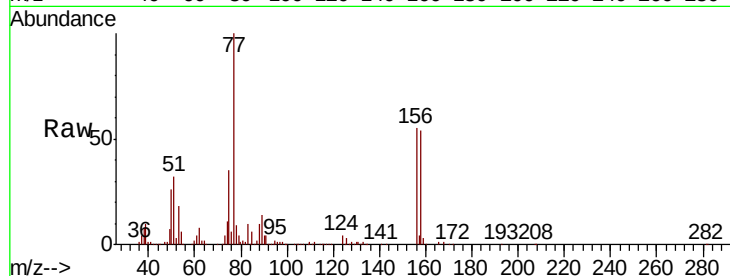
Tot Ion:156 Resp: 207924

Ion Ratio Lower Upper

156 100

77 220.9 108.7 326.3

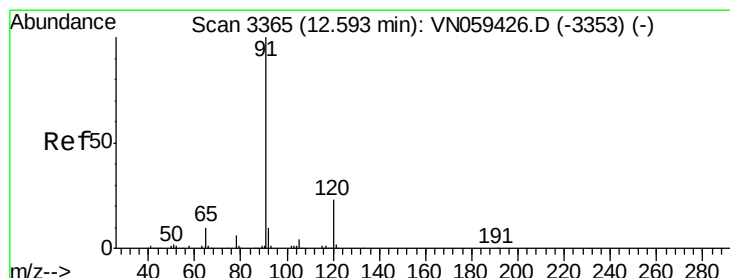
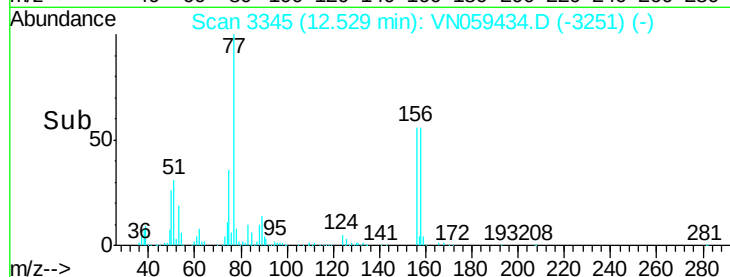
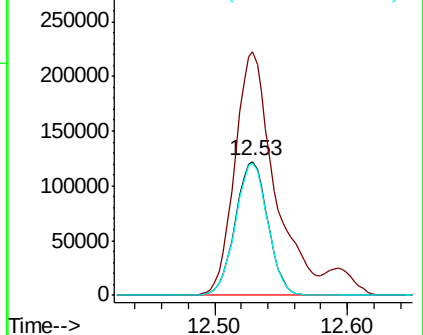
158 98.5 48.3 144.9



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: 51.272 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059434.D

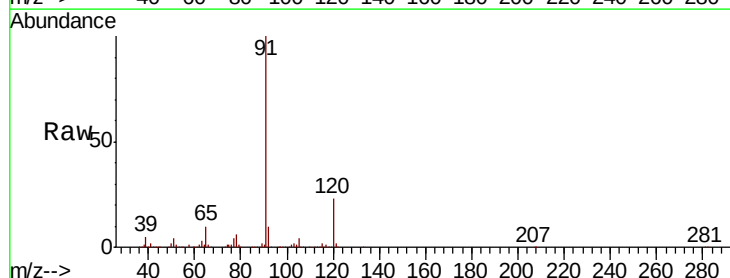
Acq: 27 Nov 2019 20:15

Tgt Ion: 91 Resp: 1008144

Ion Ratio Lower Upper

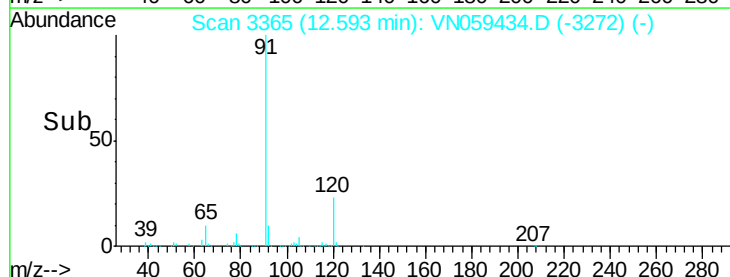
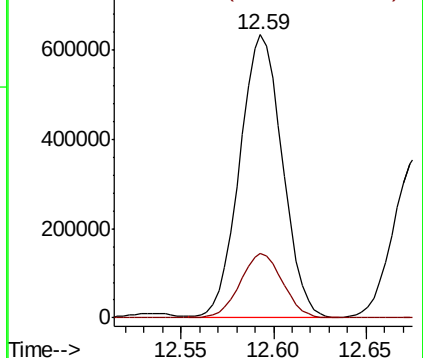
91 100

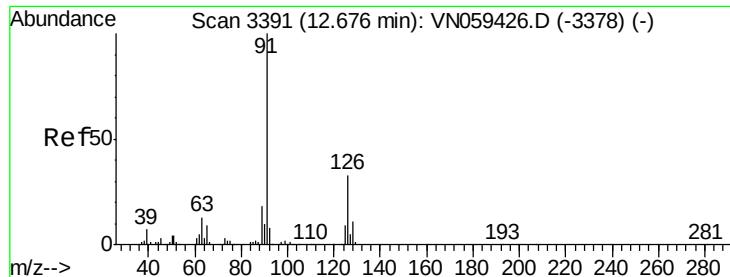
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.539 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

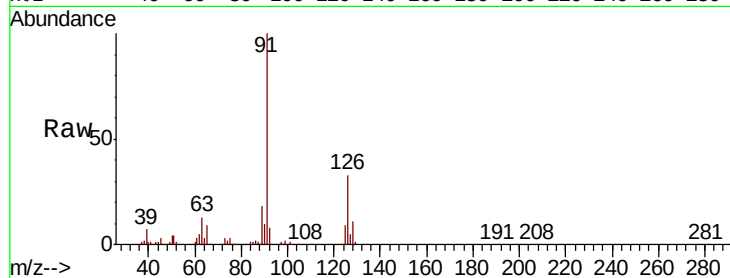
ClientSampleId :

Tot Ion: 91 Resp: 594109

Ion Ratio Lower Upper

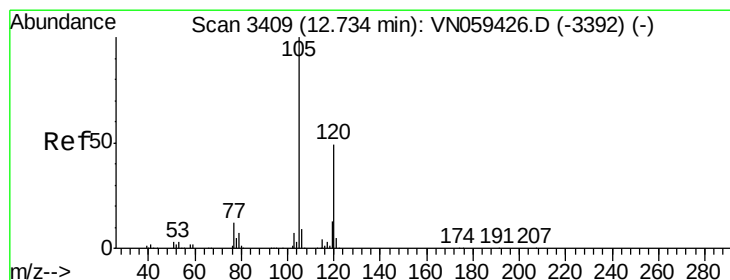
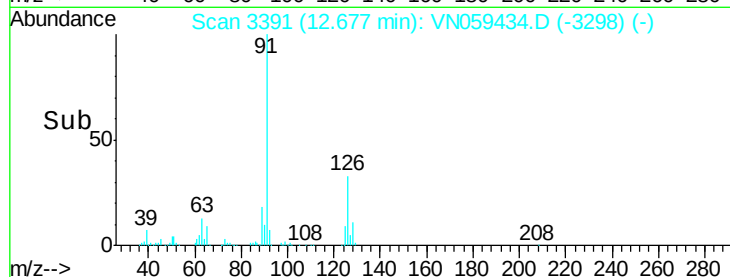
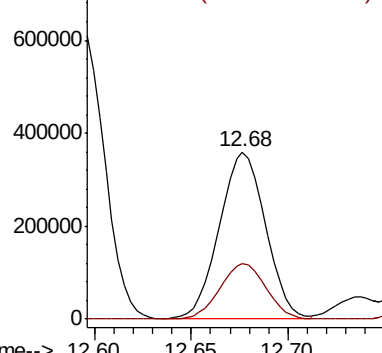
91 100

126 33.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.415 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059434.D

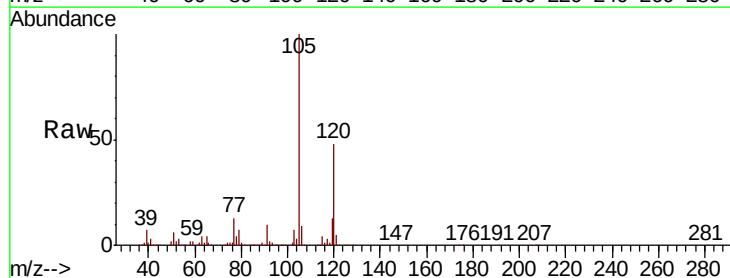
Acq: 27 Nov 2019 20:15

Tgt Ion:105 Resp: 737432

Ion Ratio Lower Upper

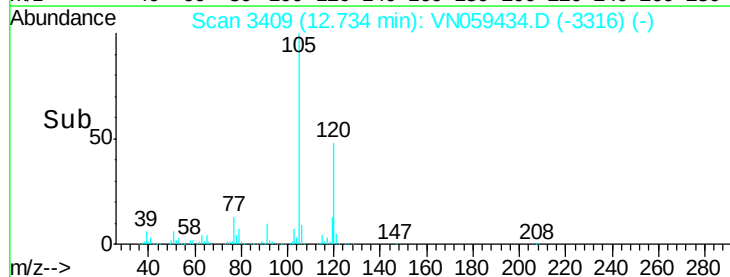
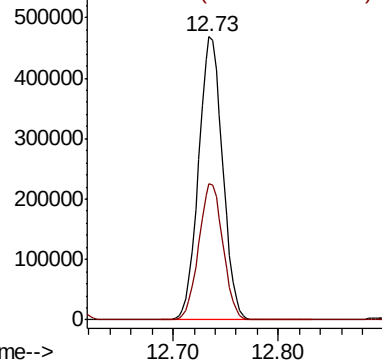
105 100

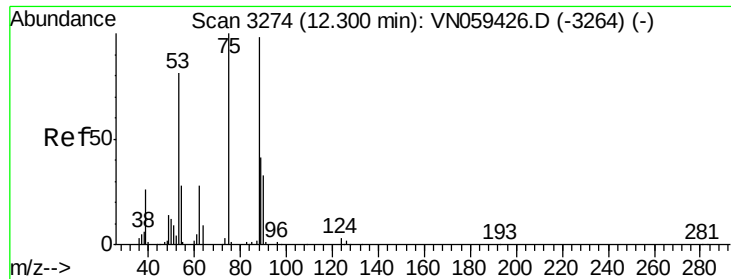
120 48.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.042 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

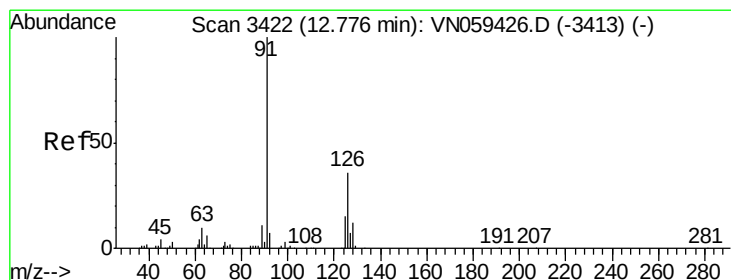
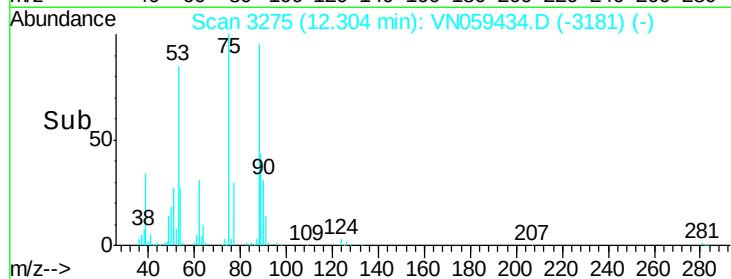
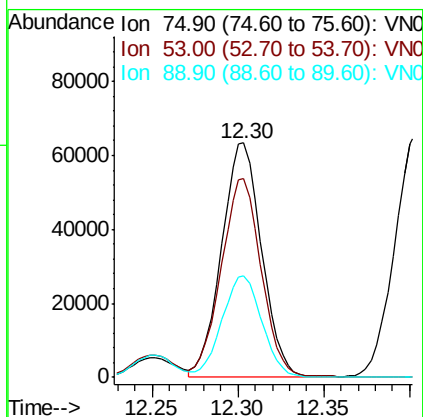
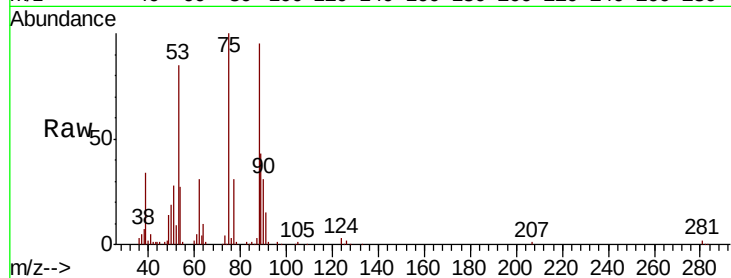
Tot Ion: 75 Resp: 103507

Ion Ratio Lower Upper

75 100

53 85.2 66.2 99.4

89 43.2 33.9 50.9



#82

4-Chlorotoluene

Concen: 50.369 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059434.D

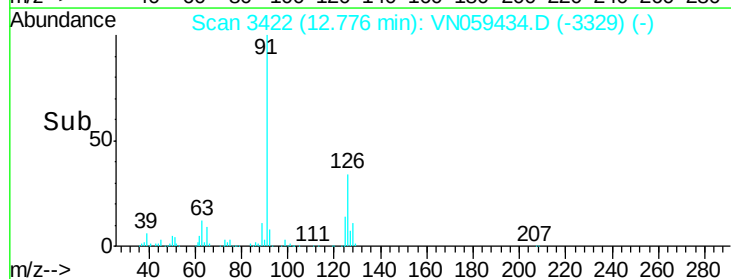
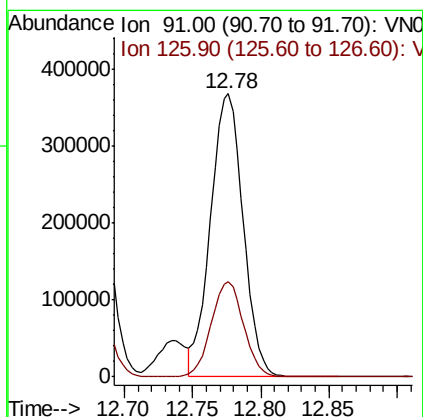
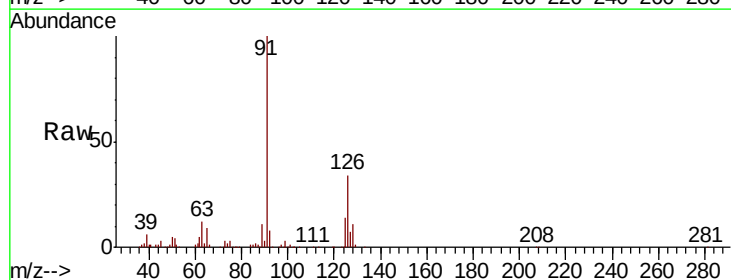
Acq: 27 Nov 2019 20:15

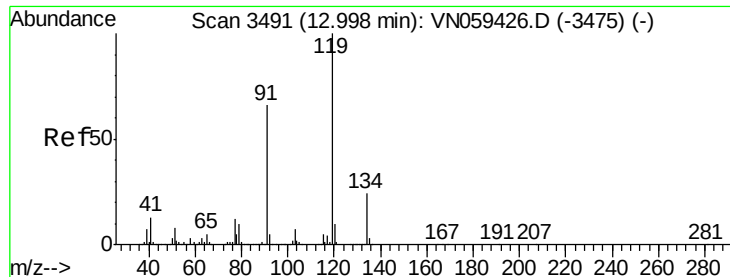
Tgt Ion: 91 Resp: 609212

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.0

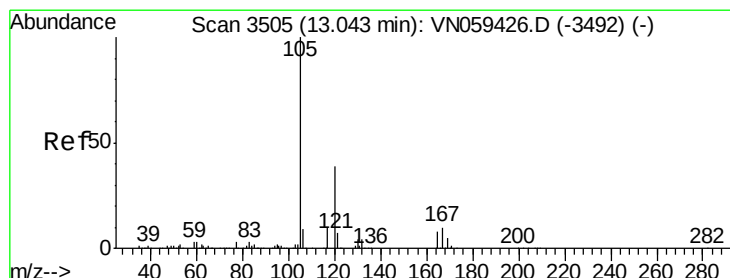
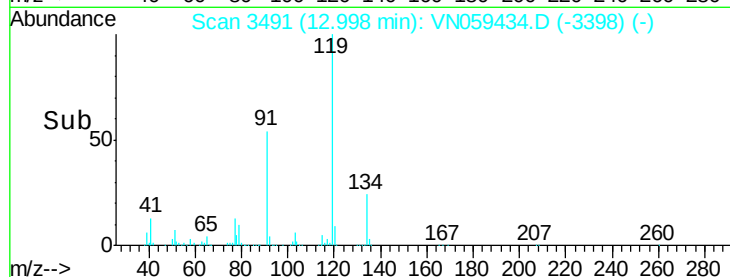
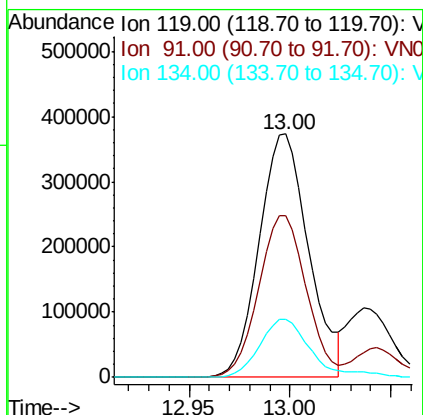
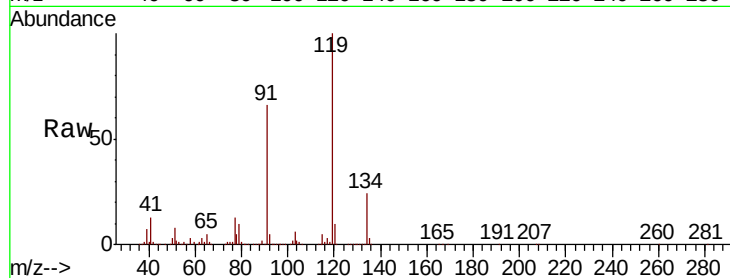




#83
 tert-Butylbenzene
 Concen: 51.686 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

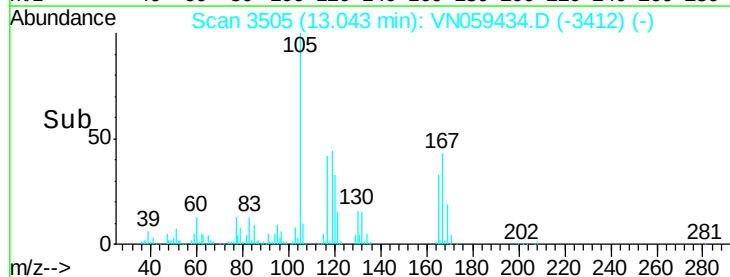
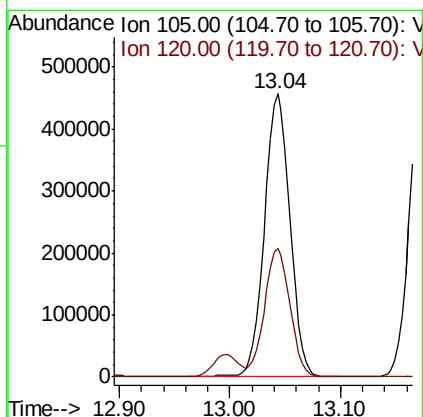
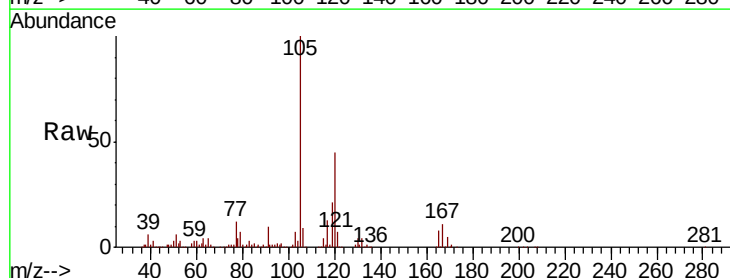
Instrument :
 MSVOA_N
 ClientSampleId :

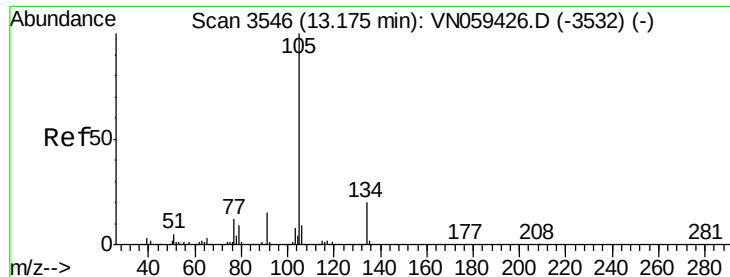
Tot Ion:119 Resp: 636546
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.8 98.4
 134 25.0 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.131 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion:105 Resp: 732457
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 51.514 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

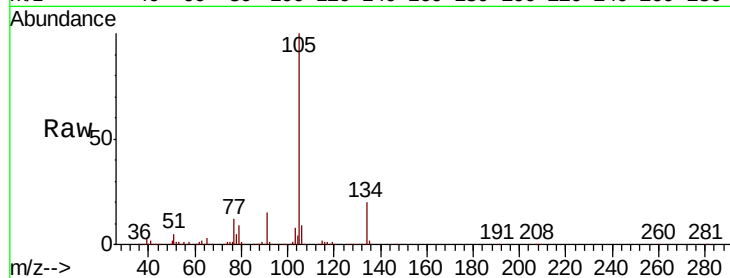
ClientSampled :

Tot Ion:105 Resp: 842502

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

13.17

600000

500000

400000

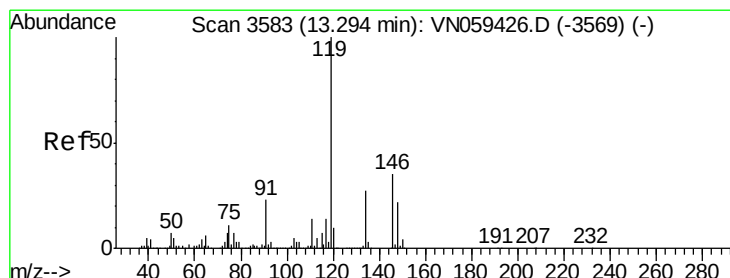
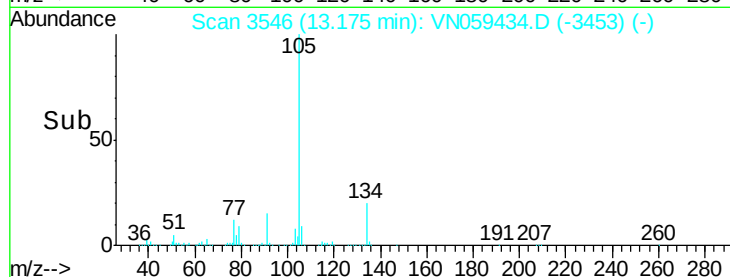
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.810 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

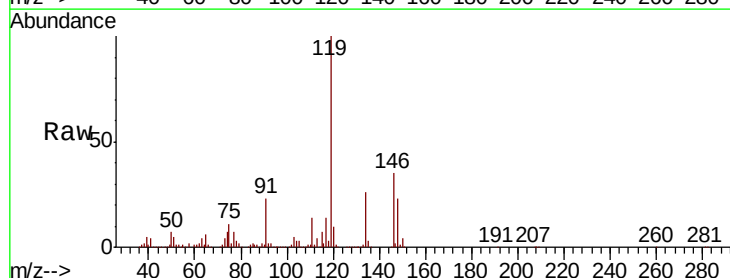
Tgt Ion:119 Resp: 766027

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.0 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

600000

500000

400000

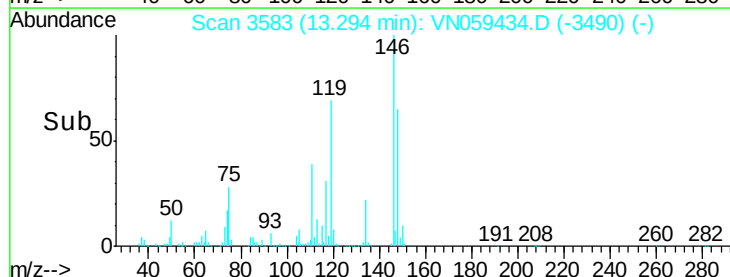
300000

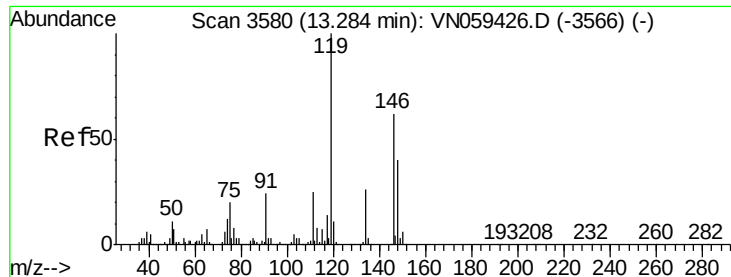
200000

100000

0

Time-->

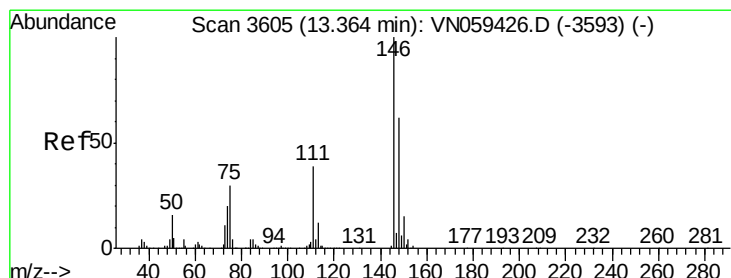
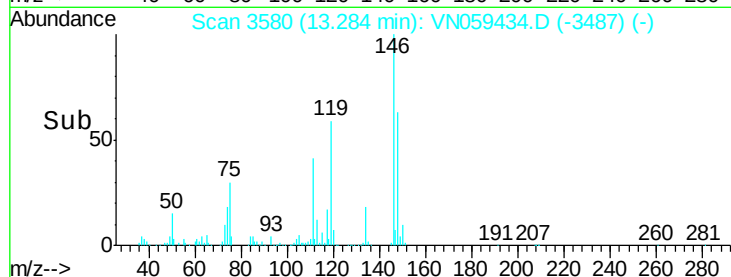
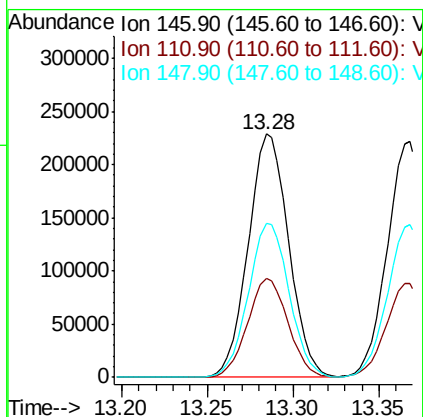
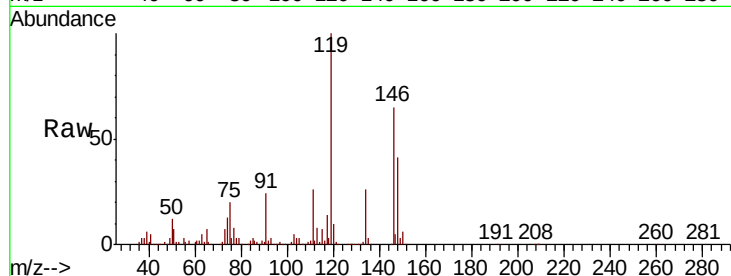




#87
 1,3-Dichlorobenzene
 Concen: 50.422 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

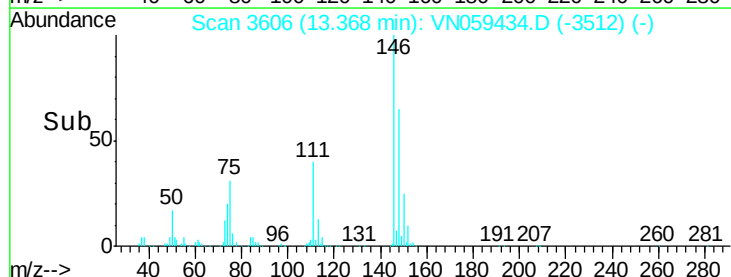
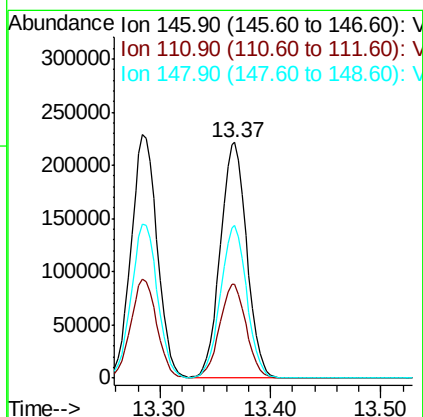
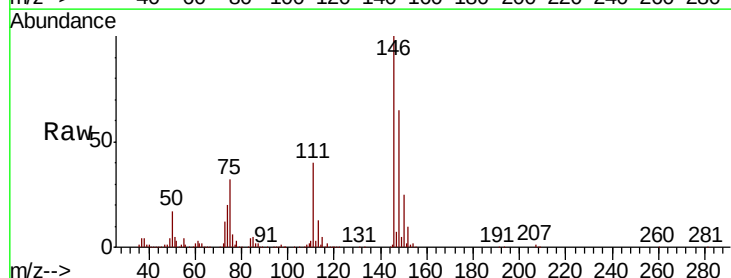
Instrument :
 MSVOA_N
 ClientSampled :

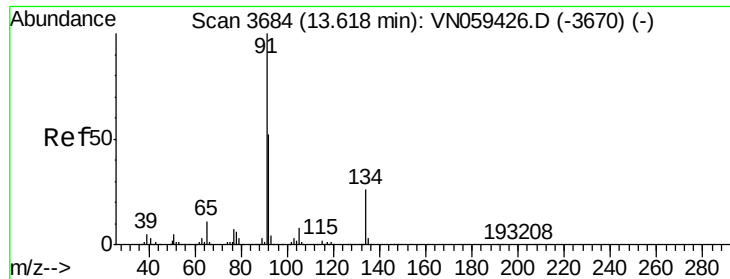
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.479 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.1	31.6	95.0





#89

n-Butylbenzene

Concen: 50.884 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampled :

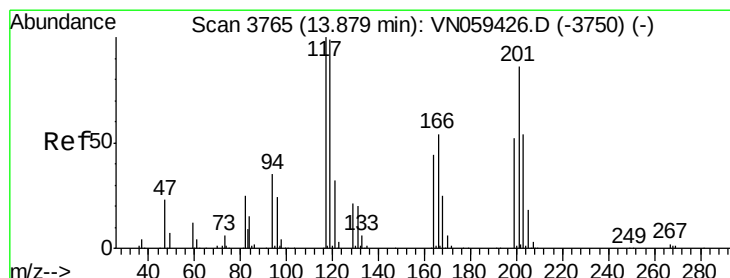
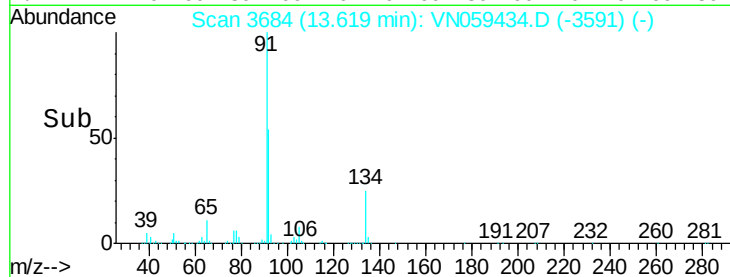
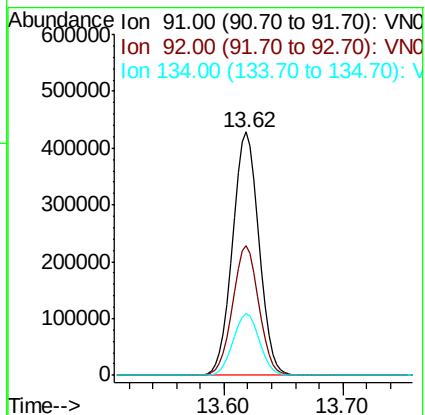
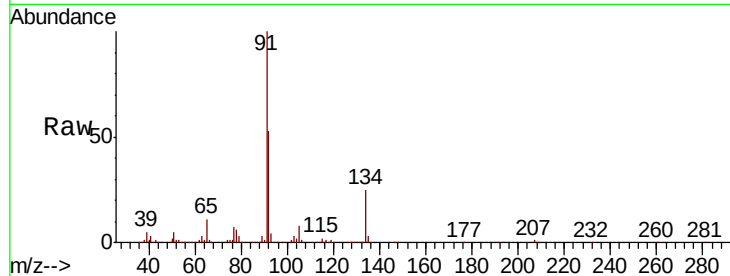
Tot Ion: 91 Resp: 657668

Ion Ratio Lower Upper

91 100

92 52.8 25.9 77.8

134 25.4 12.8 38.4



#90

Hexachloroethane

Concen: 49.434 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN059434.D

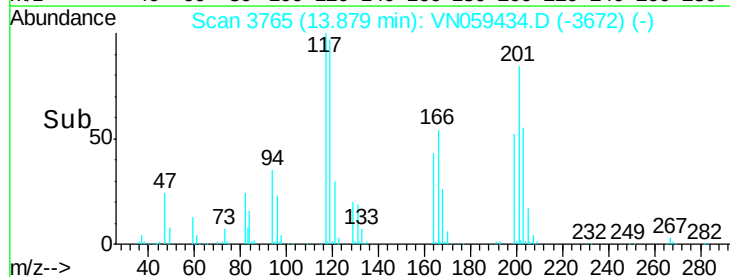
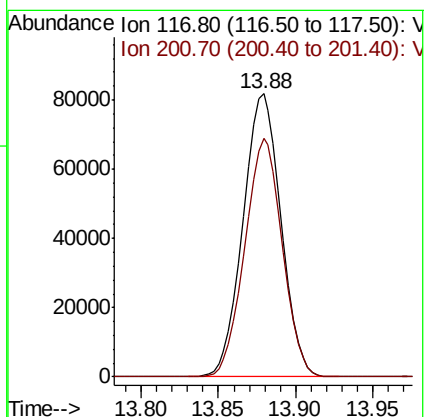
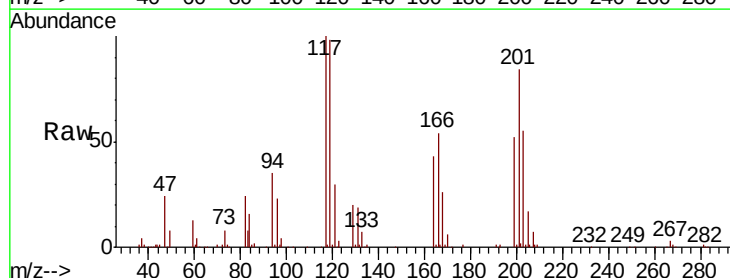
Acq: 27 Nov 2019 20:15

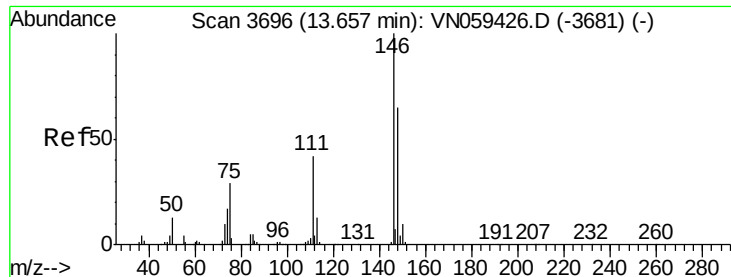
Tgt Ion: 117 Resp: 139699

Ion Ratio Lower Upper

117 100

201 83.1 42.1 126.4

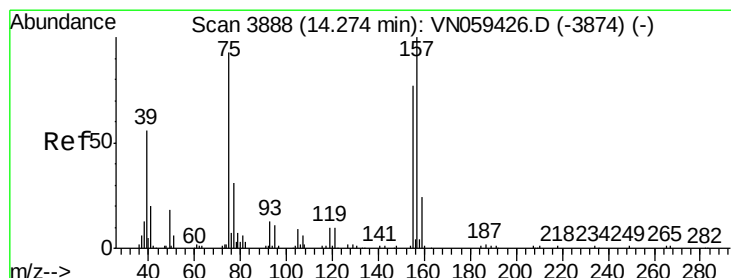
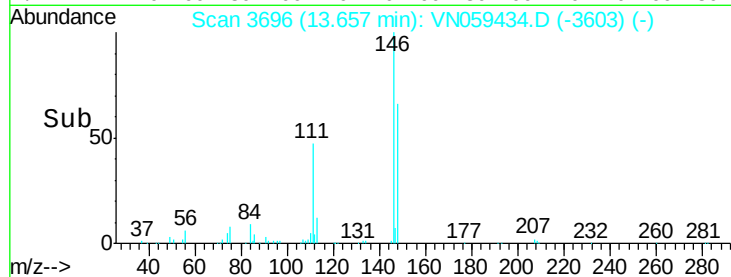
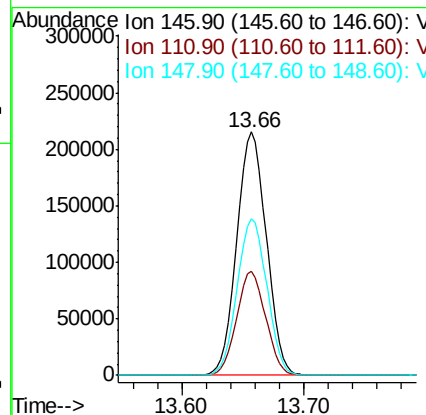
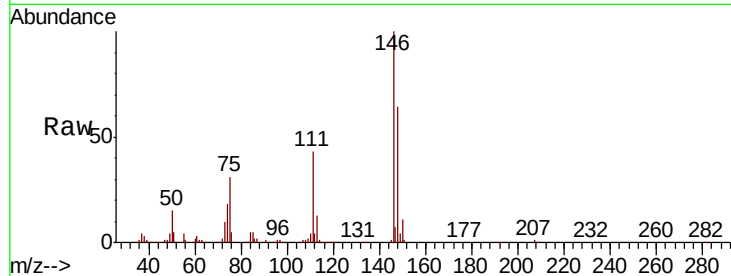




#91
 1,2-Dichlorobenzene
 Concen: 50.099 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

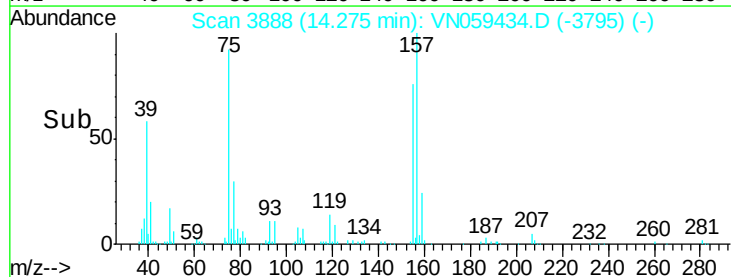
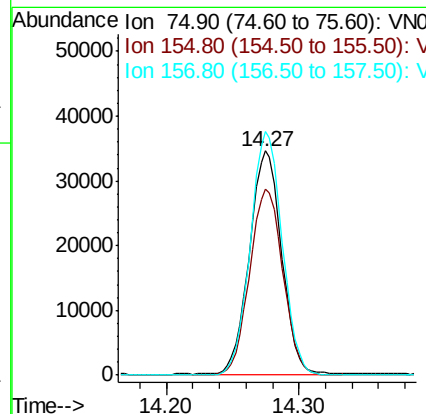
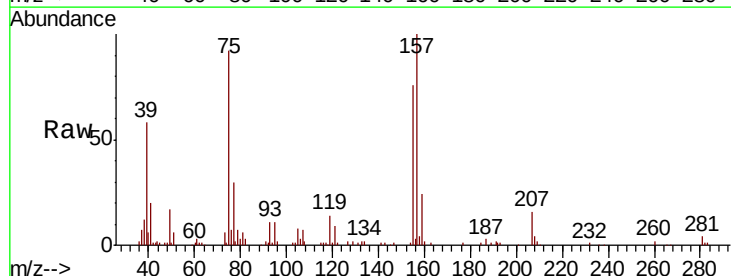
Instrument :
 MSVOA_N
 ClientSampled :

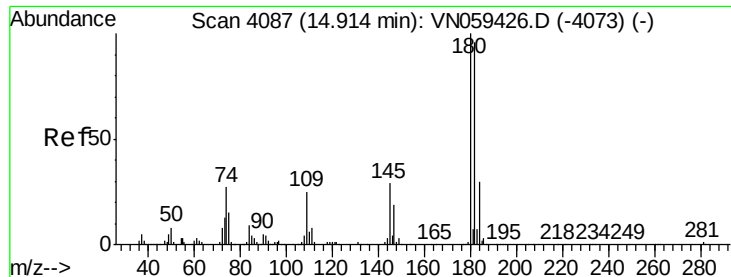
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.7
148	64.6	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.608 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	41.9	125.8
157	107.7	54.1	162.3

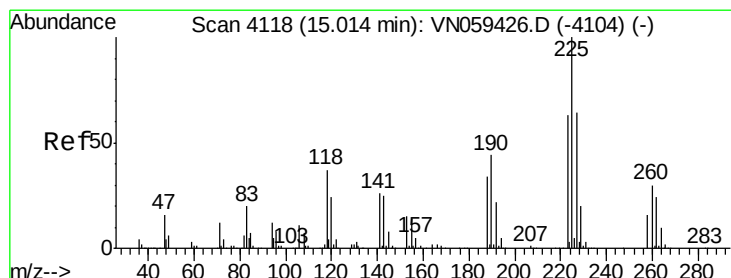
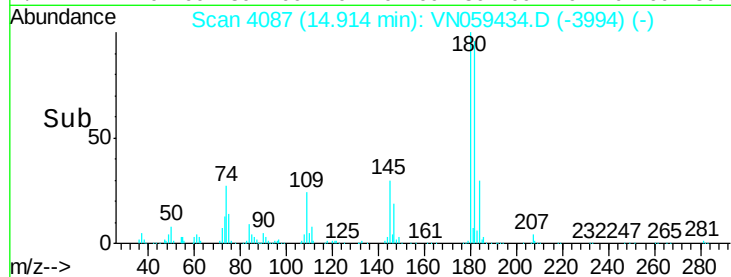
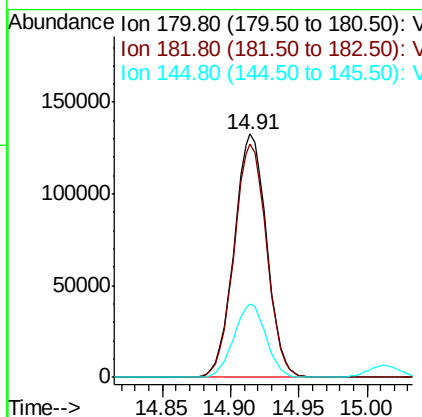
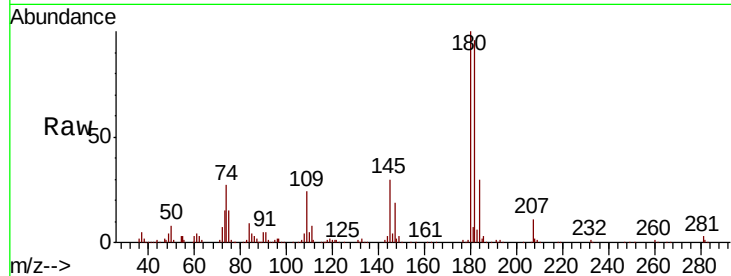




#93
 1,2,4-Trichlorobenzene
 Concen: 48.658 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

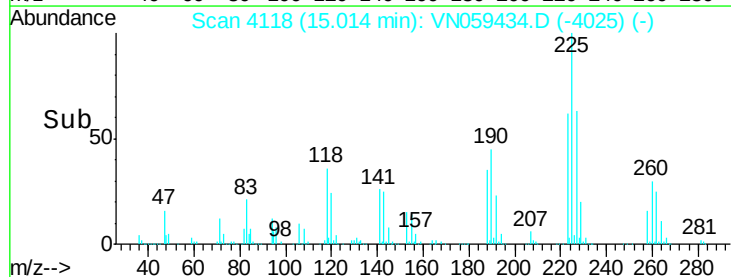
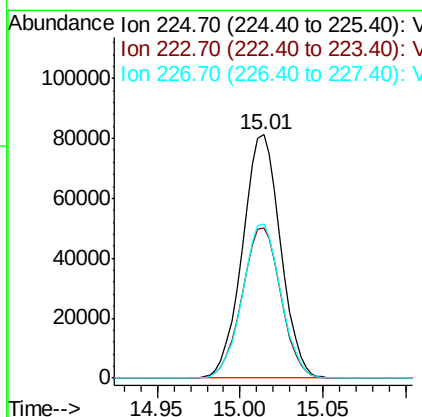
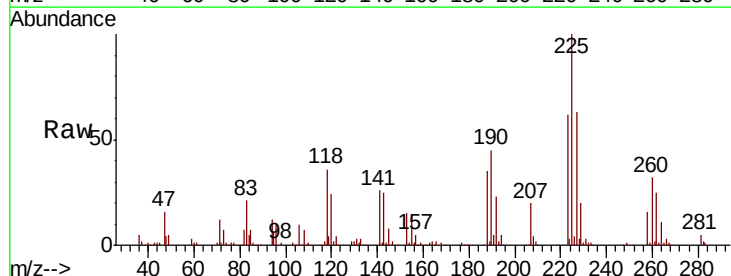
Instrument :
 MSVOA_N
 ClientSampleId :

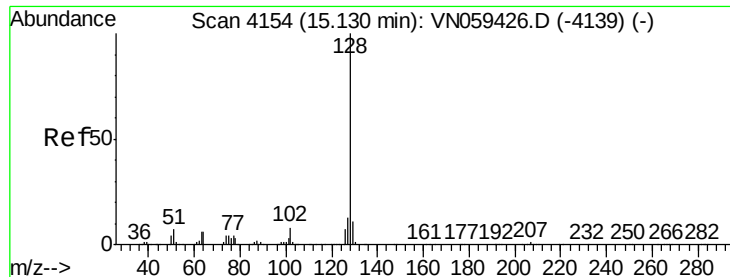
Tot Ion:180 Resp: 219415
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 29.7 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 46.824 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion:225 Resp: 129398
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.5 94.5
 227 63.6 31.9 95.7

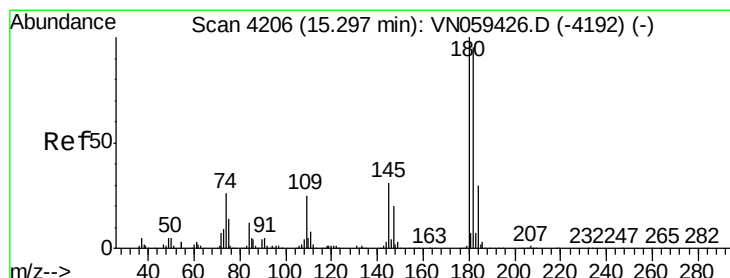
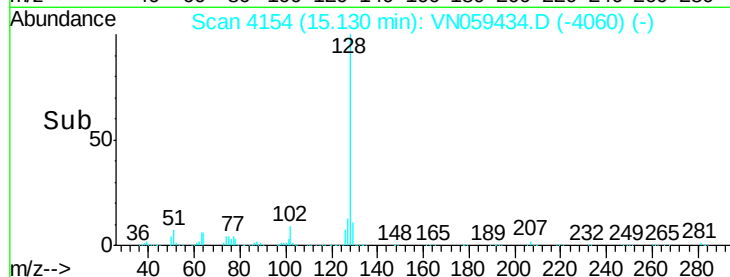
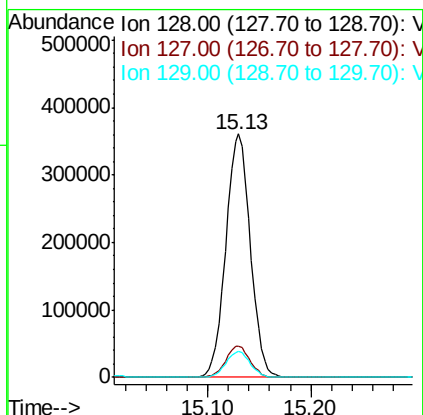
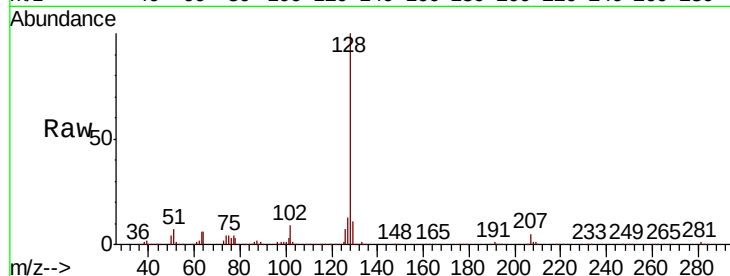




#95
Naphthalene
Concen: 57.843 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 56.541 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	31.4	15.7	47.1

