

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059421.D
 Acq On : 27 Nov 2019 13:45
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:00:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	376276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	585626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	519860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238971	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	222898	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	7.57	113	185586	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
50) Toluene-d8	10.08	98	734428	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	251769	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	158492	35.787	ug/l	98
3) Chloromethane	2.04	50	186873	34.544	ug/l	99
4) Vinyl Chloride	2.17	62	182024	35.015	ug/l	99
5) Bromomethane	2.55	94	104908	33.518	ug/l	95
6) Chloroethane	2.68	64	101660	34.879	ug/l	99
7) Trichlorofluoromethane	3.00	101	211465	34.152	ug/l	100
8) Diethyl Ether	3.39	74	85501	33.929	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	129075	33.847	ug/l	99
10) Methyl Iodide	3.93	142	171108	34.472	ug/l	99
11) Tert butyl alcohol	4.76	59	127643	167.167	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	130280	34.884	ug/l	99
13) Acrolein	3.58	56	183706	246.463	ug/l	100
14) Allyl chloride	4.30	41	235705	34.029	ug/l	99
15) Acrylonitrile	4.95	53	378981	178.119	ug/l	99
16) Acetone	3.79	43	357677	170.337	ug/l	99
17) Carbon Disulfide	4.03	76	419442	32.728	ug/l	100
18) Methyl Acetate	4.30	43	194208	33.963	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	416999	34.650	ug/l	99
20) Methylene Chloride	4.53	84	143133	33.547	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	140090	34.429	ug/l	99
22) Diisopropyl ether	5.92	45	446191	34.665	ug/l	99
23) Vinyl Acetate	5.87	43	1885262	181.548	ug/l	100
24) 1,1-Dichloroethane	5.82	63	258545	34.911	ug/l	100
25) 2-Butanone	6.81	43	515418	178.425	ug/l	99
26) 2,2-Dichloropropane	6.80	77	215136	34.135	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	152784	34.332	ug/l	99
28) Bromochloromethane	7.17	49	130574	41.433	ug/l	99
29) Tetrahydrofuran	7.19	42	342046	178.036	ug/l	100
30) Chloroform	7.35	83	245758	32.977	ug/l	99
31) Cyclohexane	7.63	56	244833	32.977	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	209916	34.444	ug/l	100
36) 1,1-Dichloropropene	7.77	75	193118	34.292	ug/l	99
37) Ethyl Acetate	6.91	43	203909	34.222	ug/l	99
38) Carbon Tetrachloride	7.75	117	184137	34.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	231821	34.408	ug/l	99
40) Benzene	8.02	78	575132	34.395	ug/l	99
41) Methacrylonitrile	7.19	41	292335	105.366	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	185826	35.047	ug/l	100
43) Isopropyl Acetate	8.15	43	317684	35.096	ug/l	100
44) Trichloroethene	8.82	130	147158	34.515	ug/l	99
45) 1,2-Dichloropropane	9.10	63	153147	35.015	ug/l	99
46) Dibromomethane	9.20	93	94230	34.912	ug/l	98
47) Bromodichloromethane	9.39	83	188387	34.509	ug/l	100
48) Methyl methacrylate	9.19	41	140069	34.879	ug/l	100
49) 1,4-Dioxane	9.19	88	39324	670.468	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	968216	184.410	ug/l	100
52) Toluene	10.15	92	344403	34.476	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	217194	34.625	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	237345	35.051	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	132562	33.903	ug/l	99
56) Ethyl methacrylate	10.42	69	203680	38.009	ug/l	98
57) 1,3-Dichloropropane	10.70	76	234386	34.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	299542	178.794	ug/l	100
59) 2-Hexanone	10.75	43	715263	183.719	ug/l	99
60) Dibromochloromethane	10.90	129	144948	35.513	ug/l	100
61) 1,2-Dibromoethane	11.00	107	141324	35.272	ug/l	98
64) Tetrachloroethene	10.63	164	128983	33.544	ug/l	98
65) Chlorobenzene	11.43	112	358332	34.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	133867	35.075	ug/l	99
67) Ethyl Benzene	11.51	91	643331	34.802	ug/l	99
68) m/p-Xylenes	11.62	106	483363	70.034	ug/l	99
69) o-Xylene	11.95	106	229706	34.704	ug/l	99
70) Styrene	11.96	104	370026	37.888	ug/l	100
71) Bromoform	12.13	173	103775	35.710	ug/l #	100
73) Isopropylbenzene	12.25	105	612433	34.594	ug/l	100
74) N-amyl acetate	12.07	43	244342	39.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	200523	34.733	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	263949	48.824	ug/l #	100
77) Bromobenzene	12.53	156	147938	34.132	ug/l	99
78) n-propylbenzene	12.59	91	710533	34.829	ug/l	100
79) 2-Chlorotoluene	12.68	91	415018	34.027	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	519458	34.907	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	72310	34.368	ug/l	97
82) 4-Chlorotoluene	12.77	91	426542	33.990	ug/l	100
83) tert-Butylbenzene	12.99	119	435676	34.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	506649	34.755	ug/l	99
85) sec-Butylbenzene	13.17	105	593022	34.948	ug/l	99
86) p-Isopropyltoluene	13.29	119	527148	34.363	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	259893	33.835	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	256398	33.249	ug/l	100
89) n-Butylbenzene	13.62	91	444960	33.181	ug/l	99
90) Hexachloroethane	13.88	117	97459	33.239	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	250721	33.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39291	40.193	ug/l	99

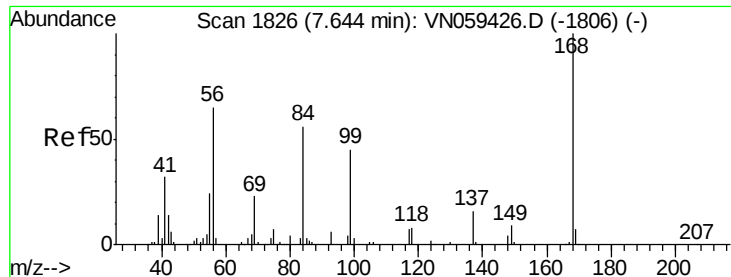
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146033	31.213	ug/l	100
94) Hexachlorobutadiene	15.01	225	92150	32.139	ug/l	99
95) Naphthalene	15.13	128	384790	38.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	148270	38.310	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

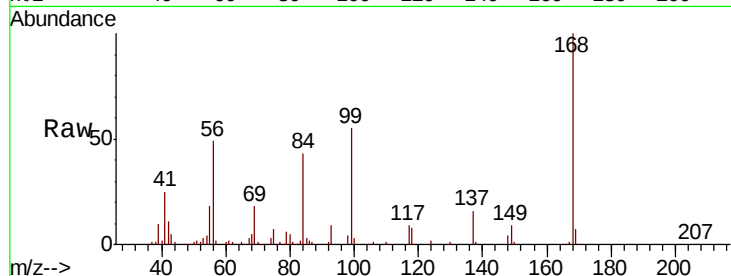
ClientSampled :

Tot Ion:168 Resp: 376276

Ion Ratio Lower Upper

168 100

99 54.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

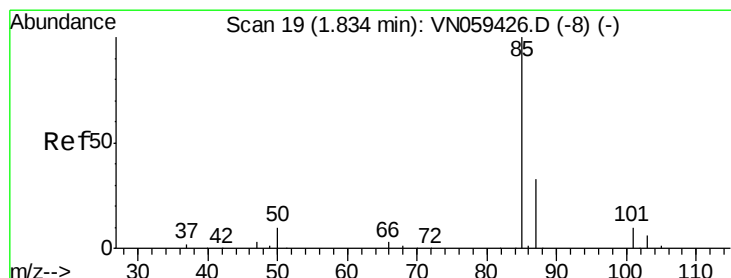
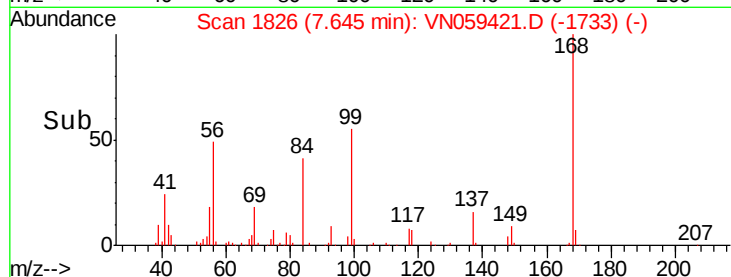
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 35.787 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059421.D

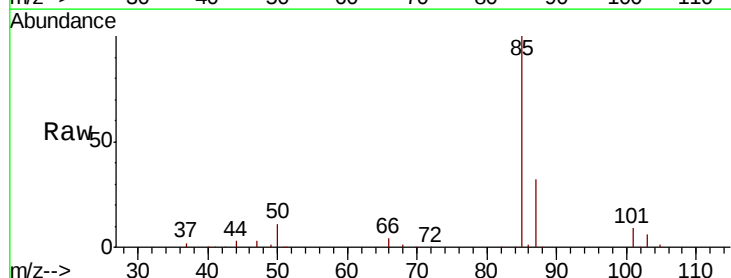
Acq: 27 Nov 2019 13:45

Tgt Ion: 85 Resp: 158492

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

120000

100000

80000

60000

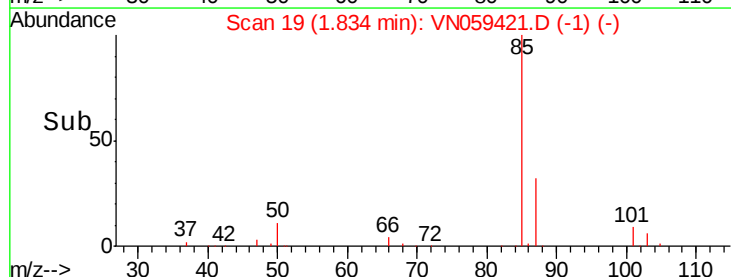
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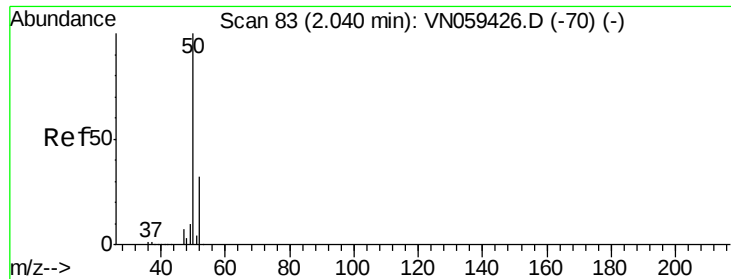
20000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 34.544 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

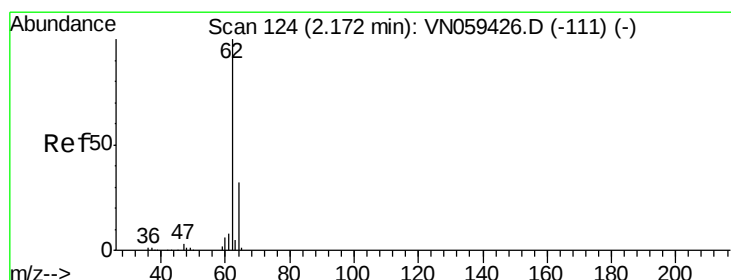
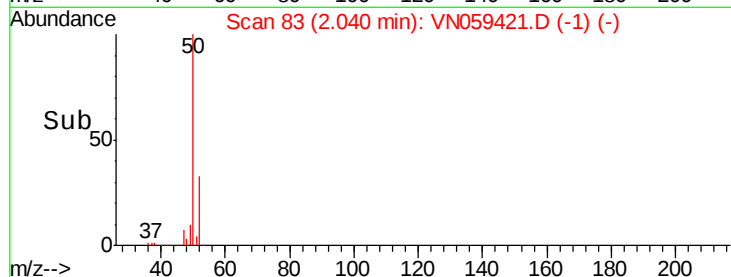
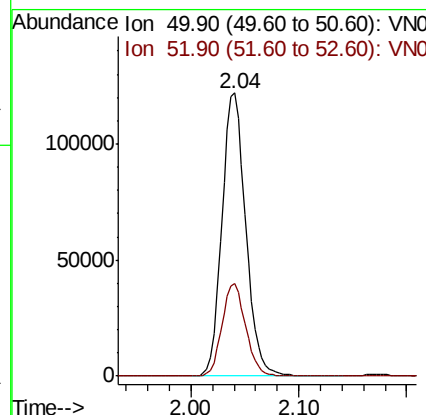
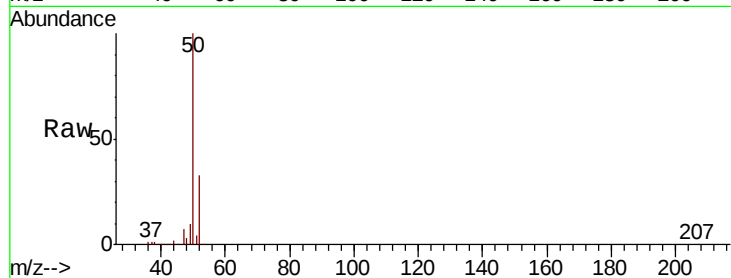
ClientSampled :

Tot Ion: 50 Resp: 186873

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 35.015 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059421.D

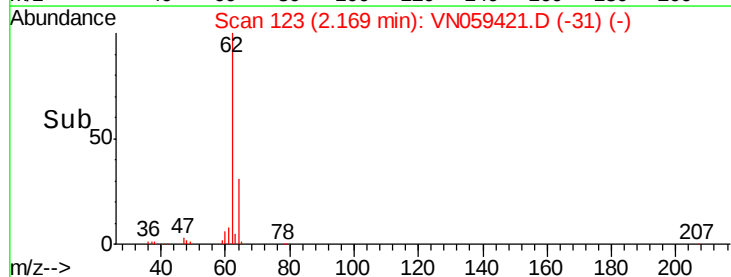
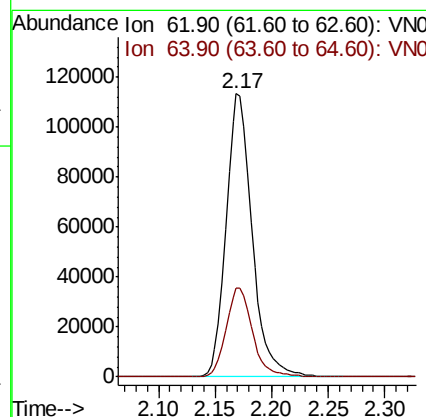
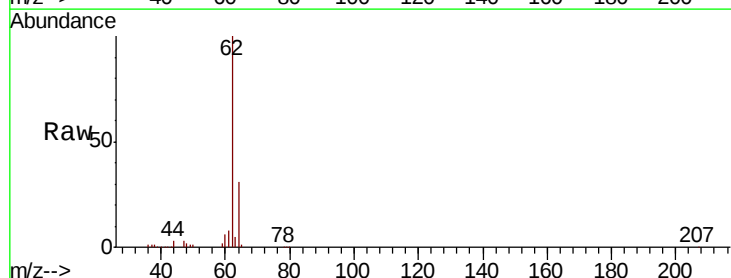
Acq: 27 Nov 2019 13:45

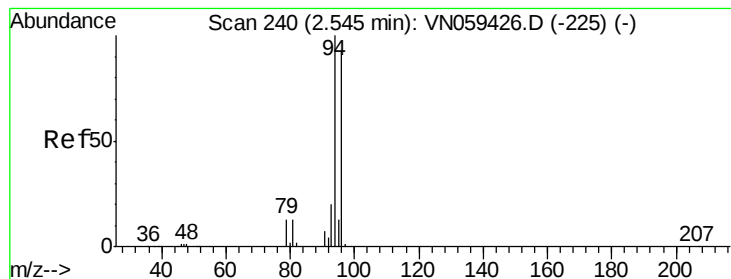
Tgt Ion: 62 Resp: 182024

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 33.518 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

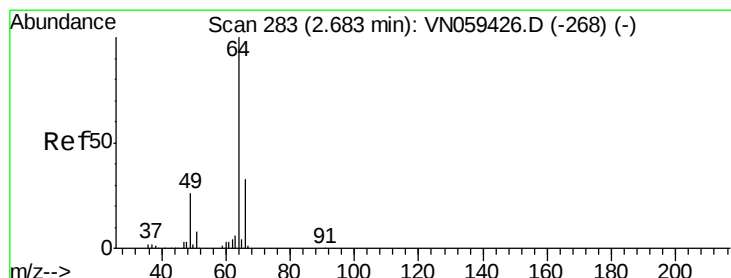
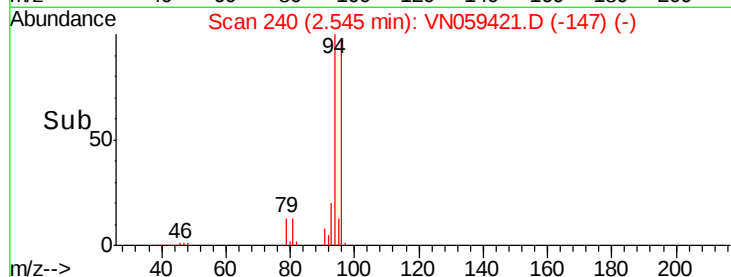
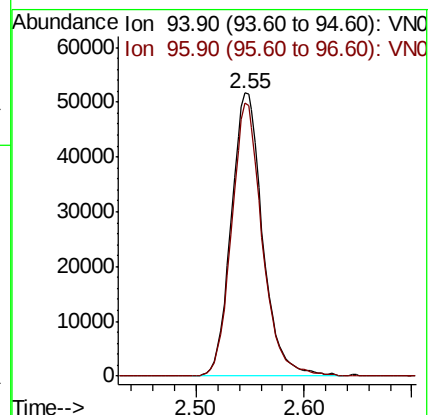
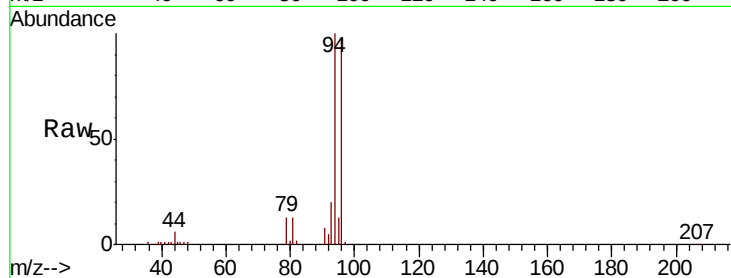
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 104908

Ion Ratio Lower Upper

94 100

96 96.7 73.8 110.6



#6

Chloroethane

Concen: 34.879 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059421.D

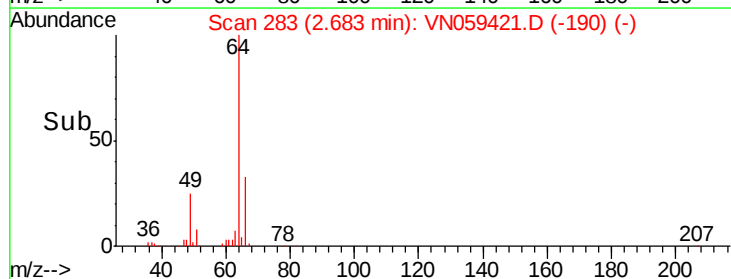
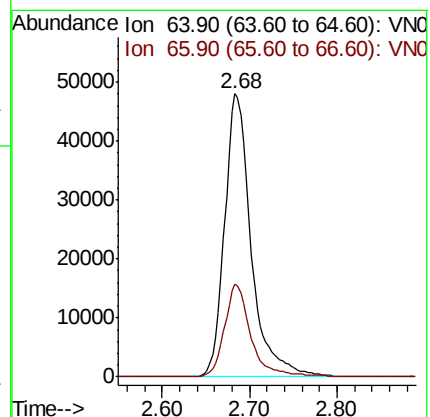
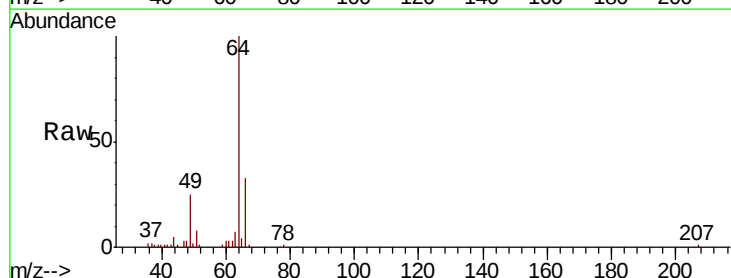
Acq: 27 Nov 2019 13:45

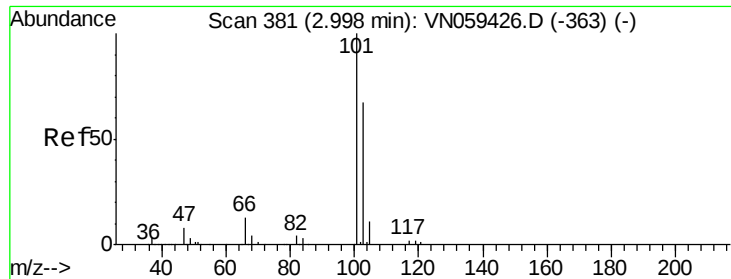
Tgt Ion: 64 Resp: 101660

Ion Ratio Lower Upper

64 100

66 32.7 26.5 39.7



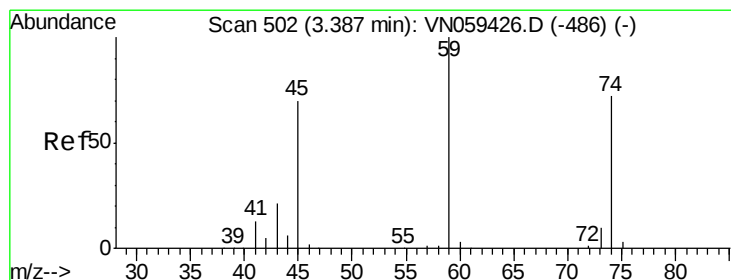
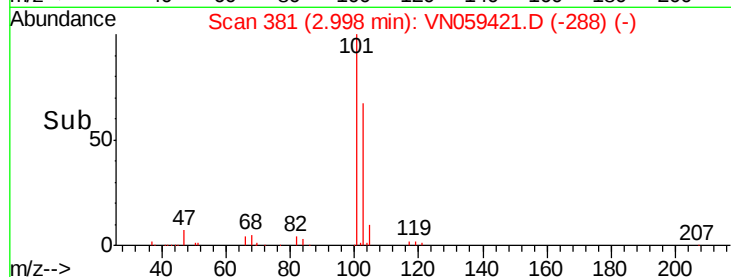
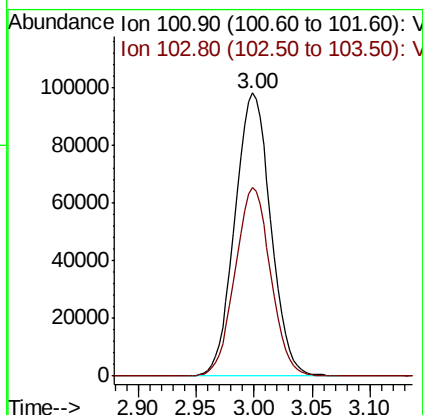
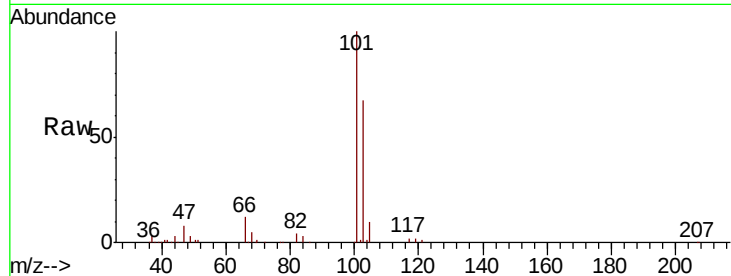


#7

Trichlorofluoromethane
Concen: 34.152 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Instrument :
MSVOA_N
ClientSampled :

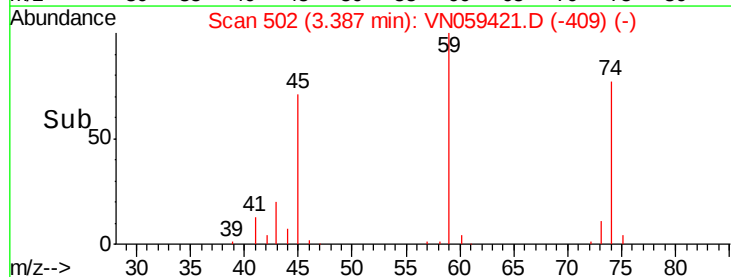
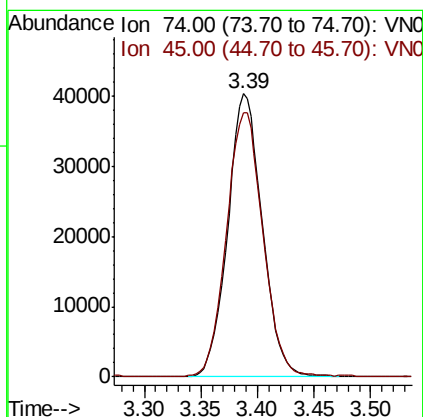
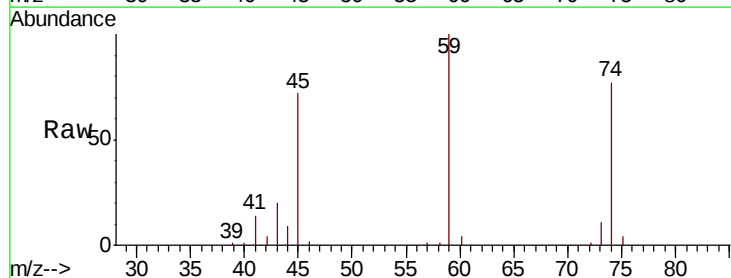
Tot Ion:101 Resp: 211465
Ion Ratio Lower Upper
101 100
103 66.8 53.6 80.4

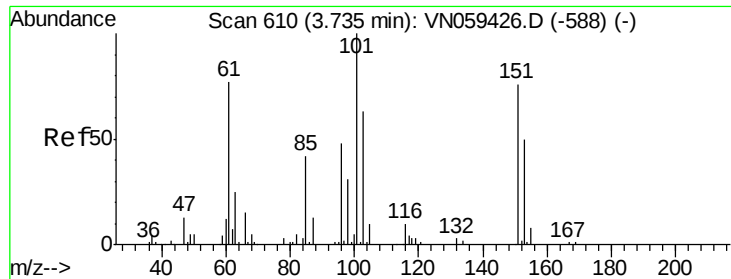


#8

Diethyl Ether
Concen: 33.929 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 74 Resp: 85501
Ion Ratio Lower Upper
74 100
45 98.9 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 33.847 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampled :

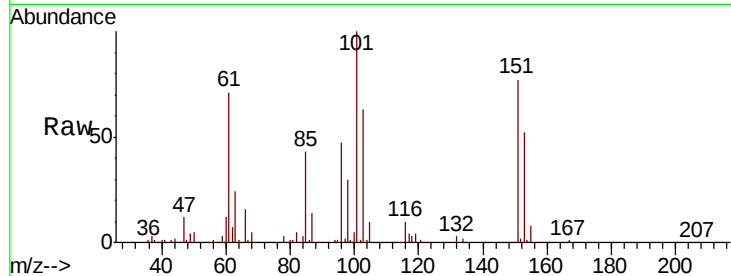
Tot Ion:101 Resp: 129075

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

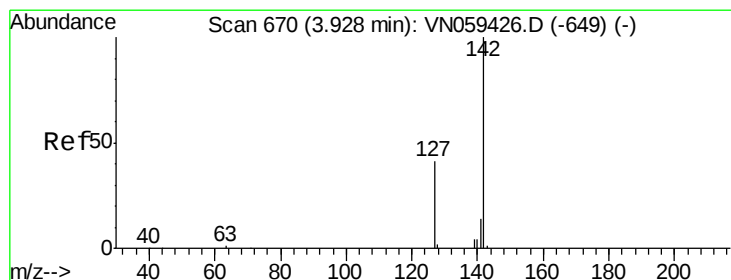
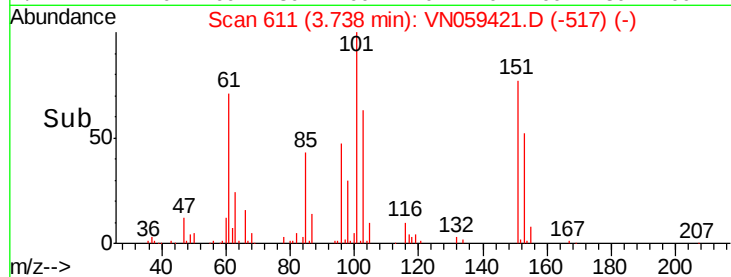
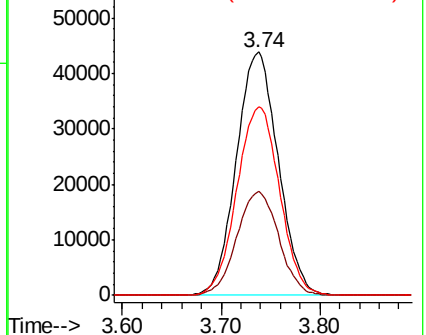
151 79.0 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.472 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

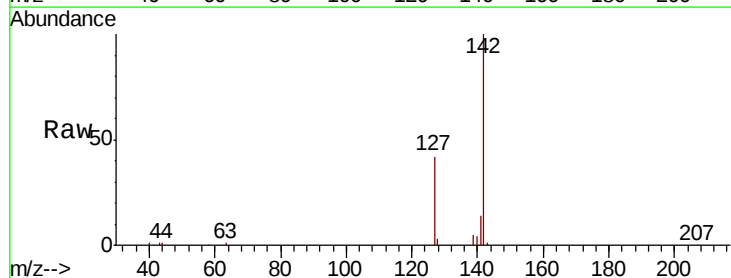
Tgt Ion:142 Resp: 171108

Ion Ratio Lower Upper

142 100

127 41.2 32.6 48.8

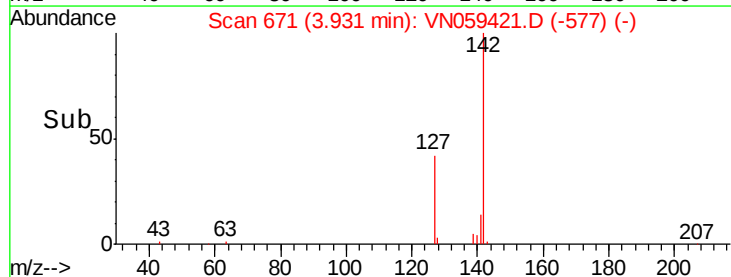
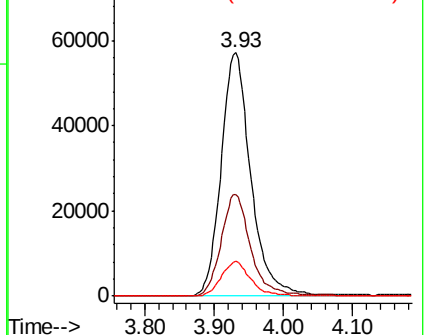
141 13.9 11.1 16.7

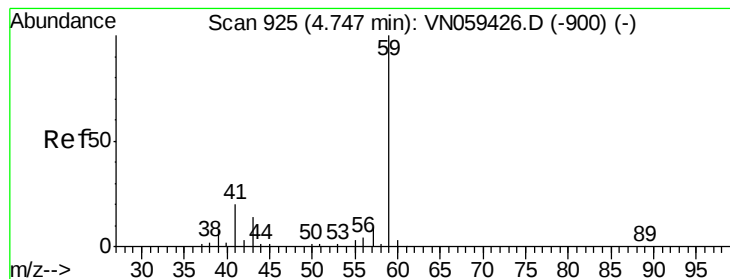


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



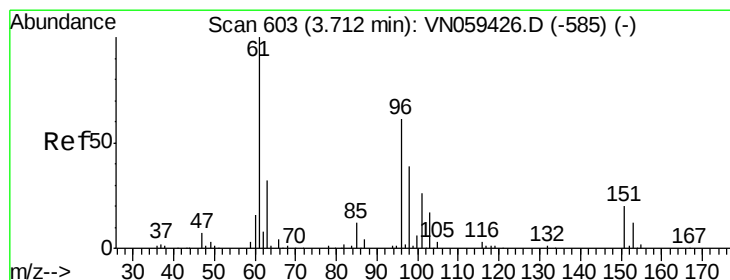
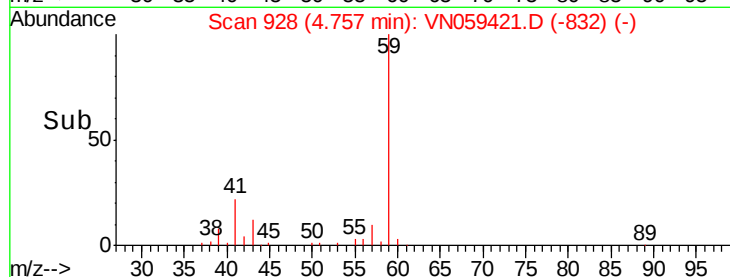
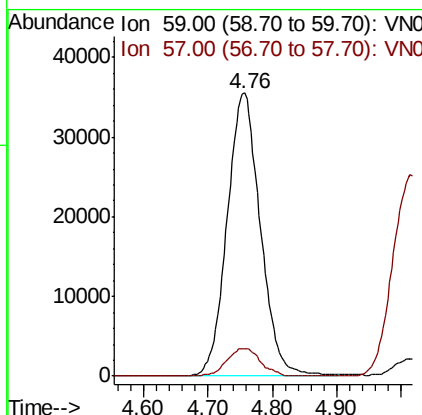
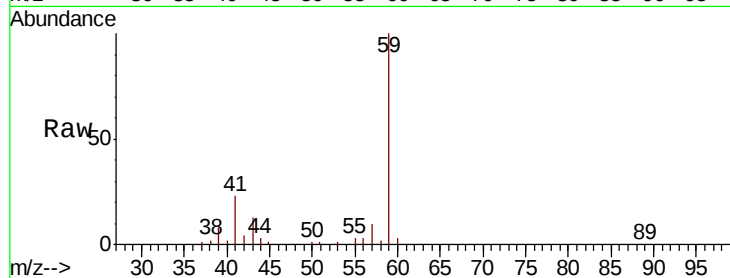


#11

Tert butyl alcohol
 Concen: 167.167 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

Instrument :
 MSVOA_N
 ClientSampleId :

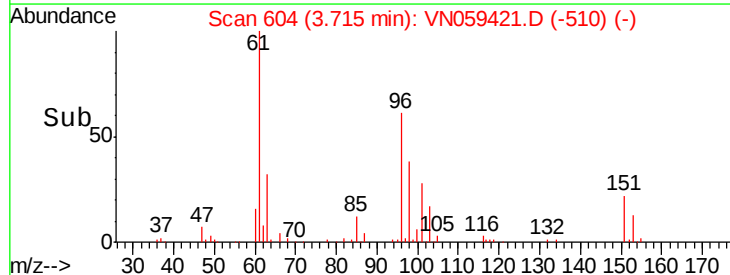
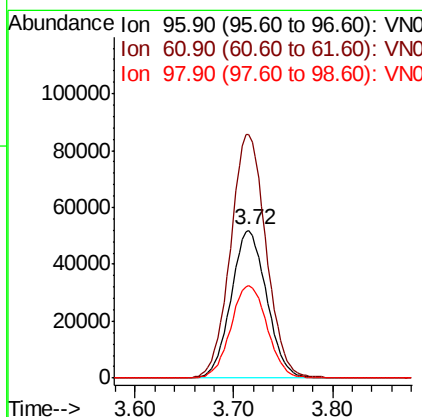
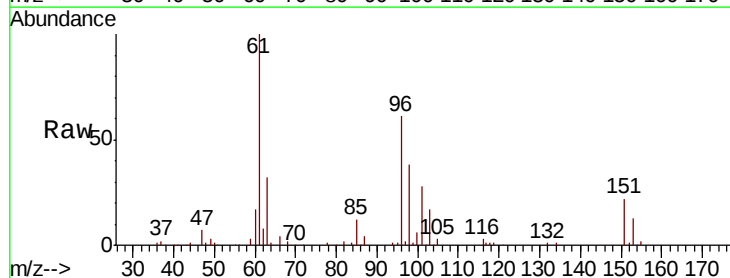
Tot Ion: 59 Resp: 127643
 Ion Ratio Lower Upper
 59 100
 57 9.8 3.8 5.8#

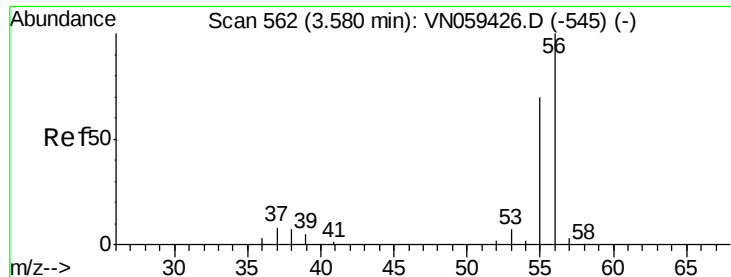


#12

1,1-Dichloroethene
 Concen: 34.884 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

Tgt Ion: 96 Resp: 130280
 Ion Ratio Lower Upper
 96 100
 61 164.9 130.5 195.7
 98 62.6 51.3 76.9





#13

Acrolein

Concen: 246.463 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

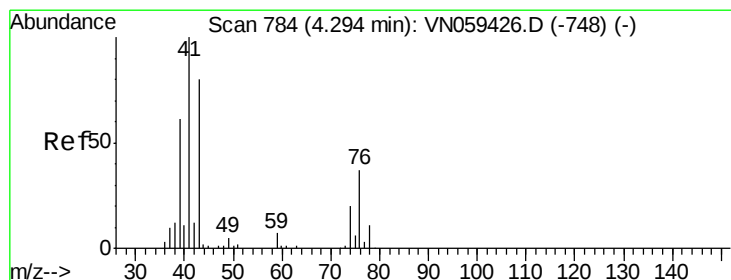
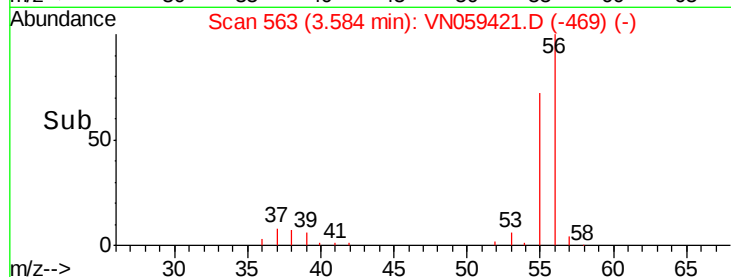
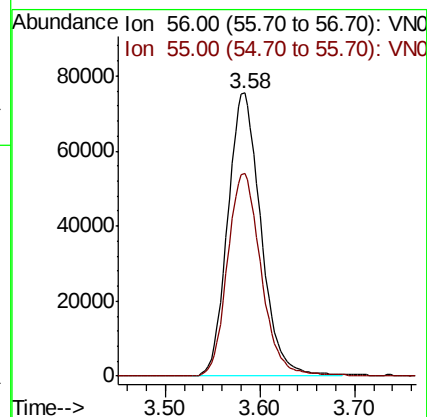
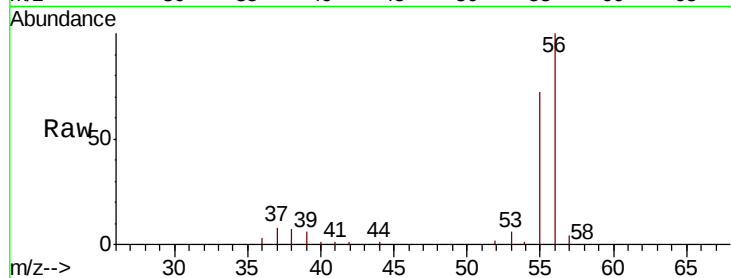
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 183706

Ion Ratio Lower Upper

56 100

55 72.5 57.8 86.6



#14

Allyl chloride

Concen: 34.029 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

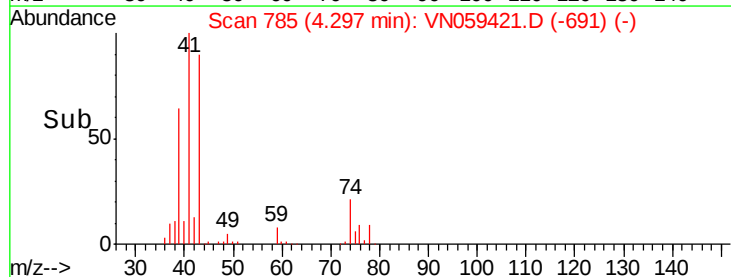
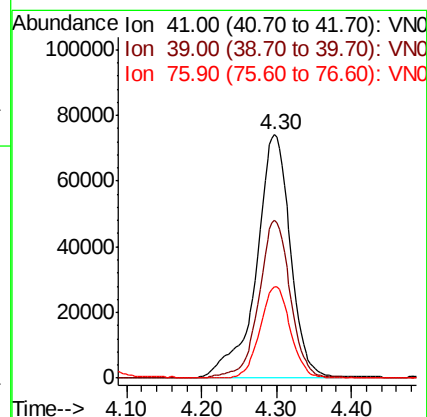
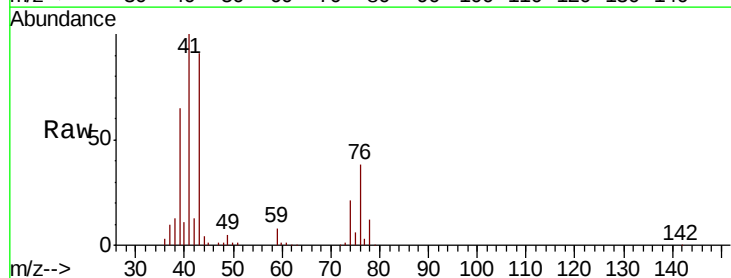
Tgt Ion: 41 Resp: 235705

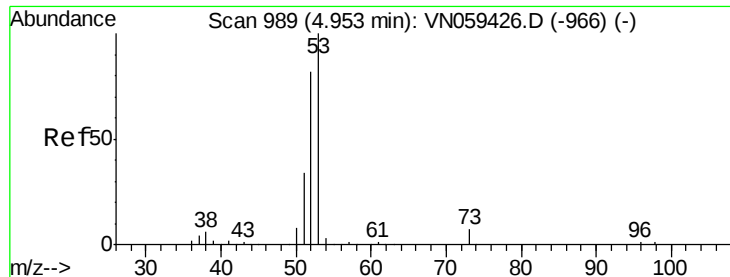
Ion Ratio Lower Upper

41 100

39 59.6 46.5 69.7

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 178.119 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampled :

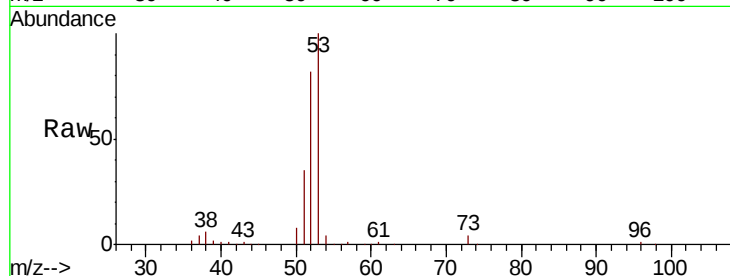
Tot Ion: 53 Resp: 378981

Ion Ratio Lower Upper

53 100

52 82.9 65.1 97.7

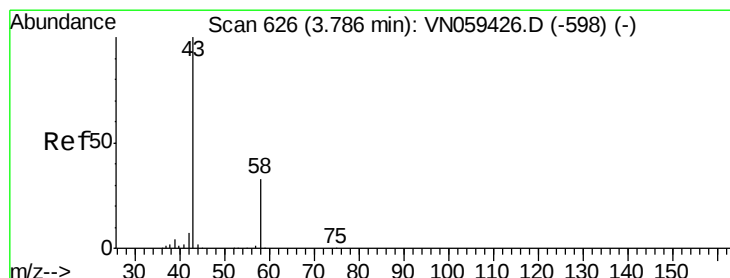
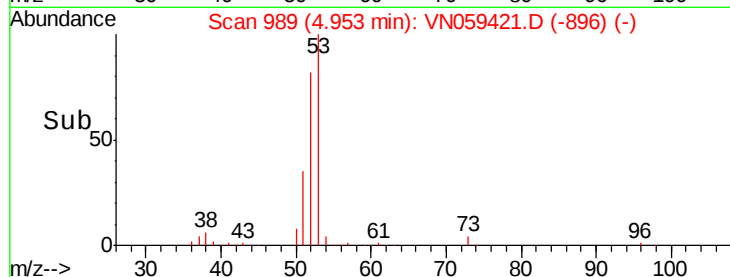
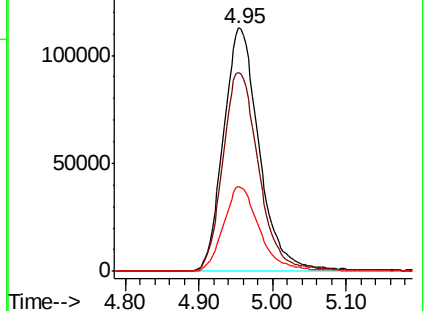
51 35.2 27.8 41.8



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: 170.337 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059421.D

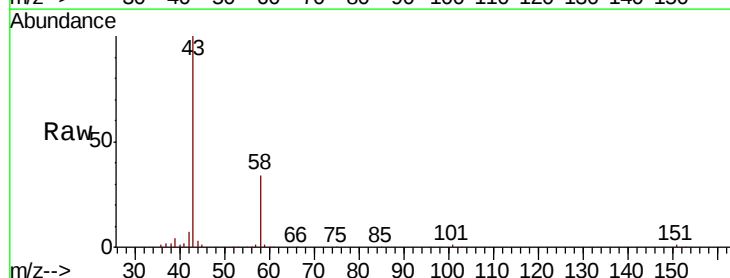
Acq: 27 Nov 2019 13:45

Tgt Ion: 43 Resp: 357677

Ion Ratio Lower Upper

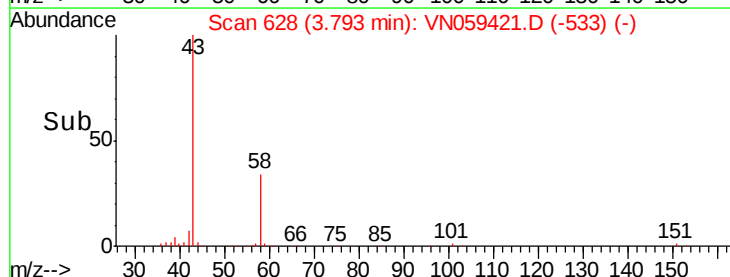
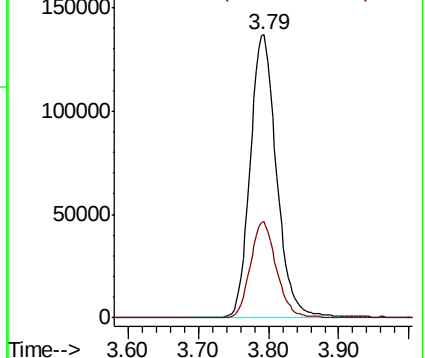
43 100

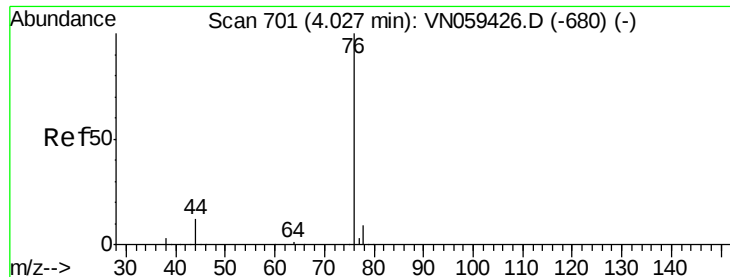
58 34.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

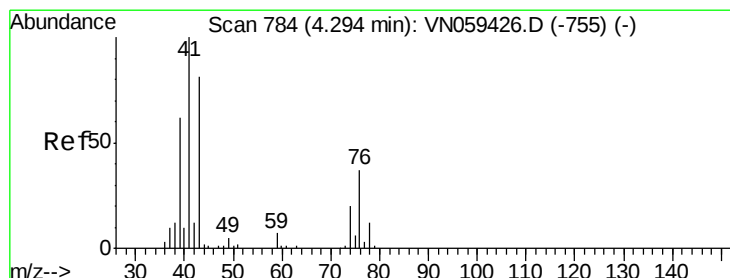
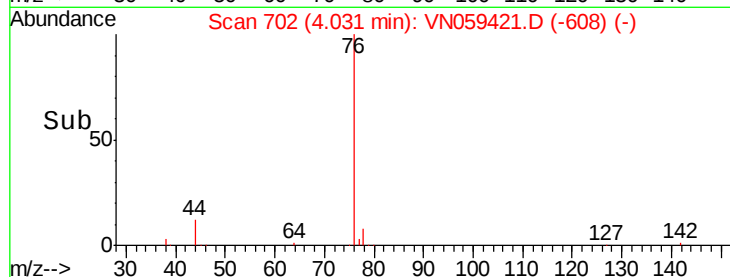
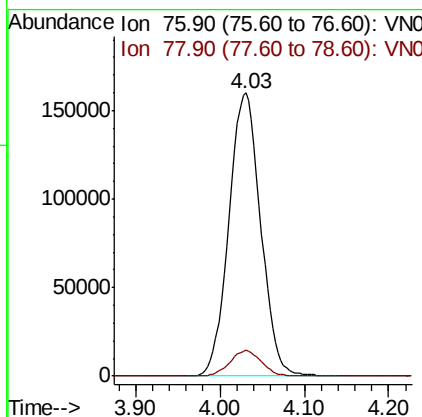
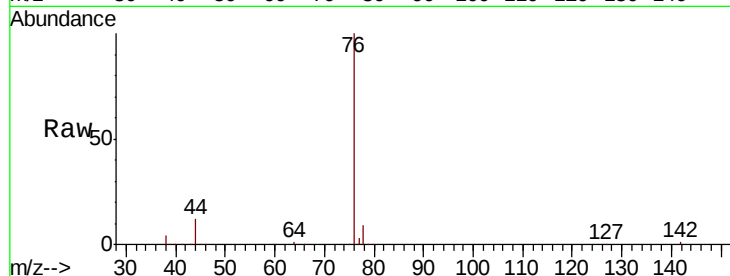




#17
Carbon Disulfide
Concen: 32.728 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

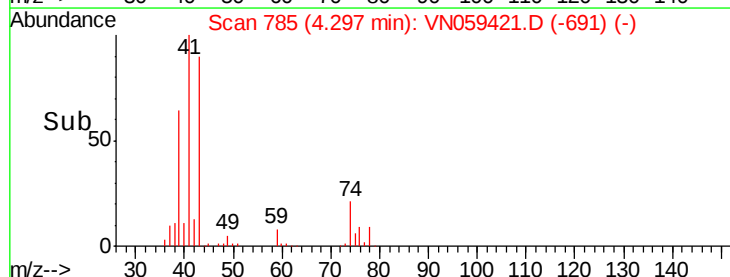
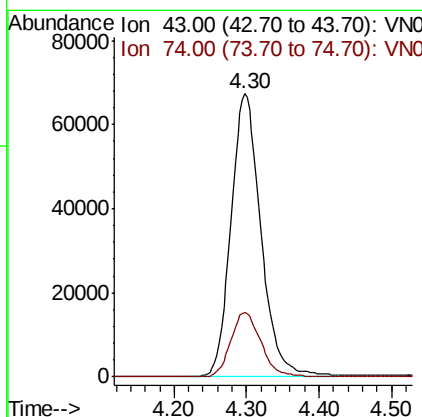
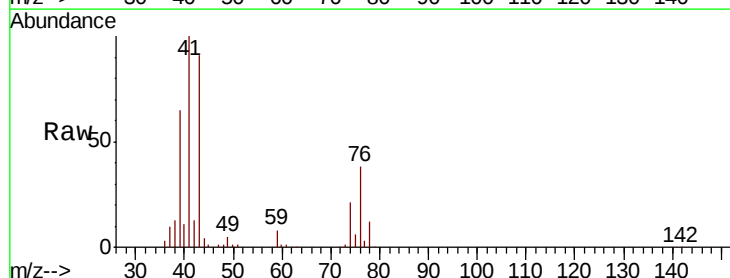
Instrument :
MSVOA_N
ClientSampled :

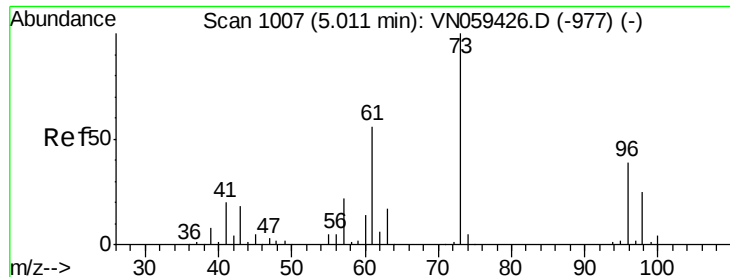
Tot Ion: 76 Resp: 419442
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 33.963 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 43 Resp: 194208
Ion Ratio Lower Upper
43 100
74 22.9 18.6 28.0

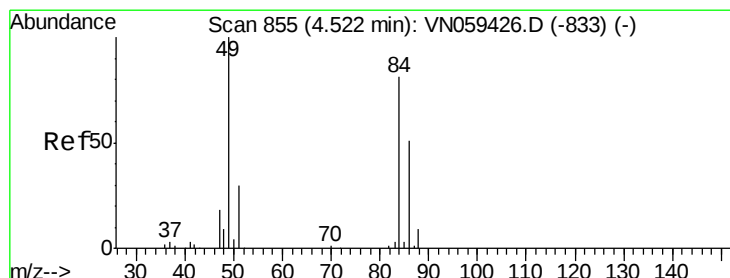
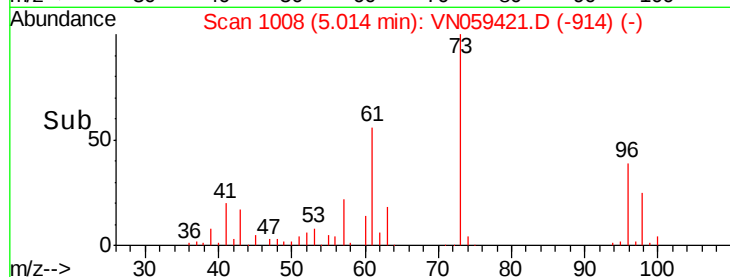
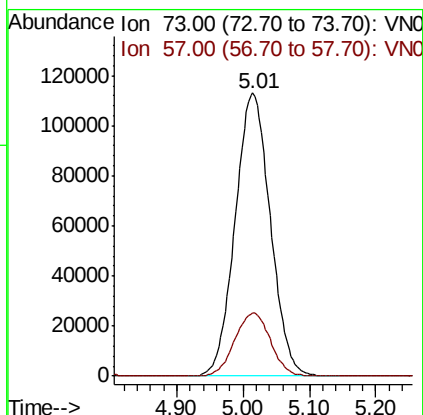
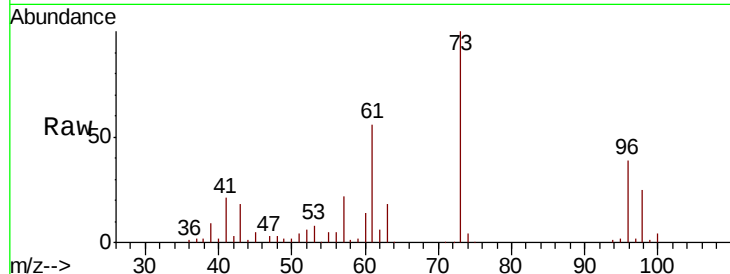




#19
Methyl tert-butyl Ether
Concen: 34.650 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

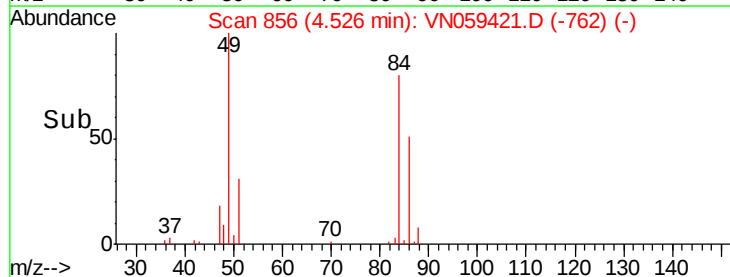
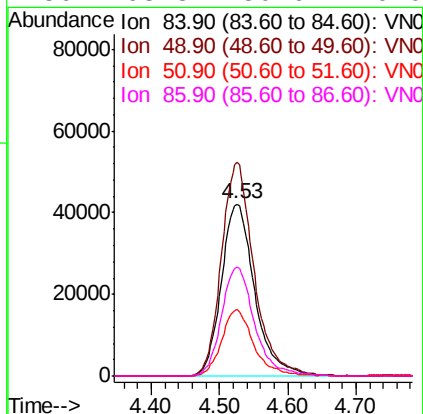
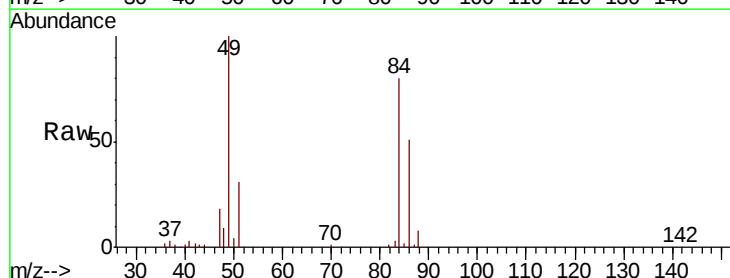
Instrument :
MSVOA_N
ClientSampled :

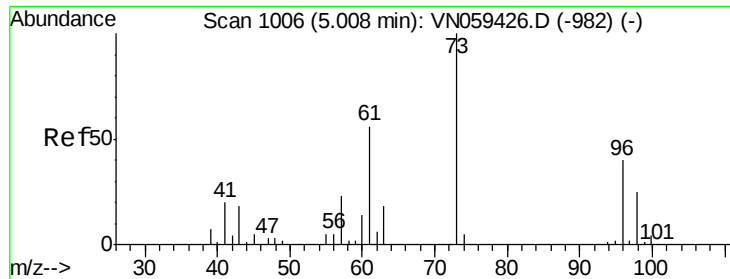
Tot Ion: 73 Resp: 416999
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 33.547 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 84 Resp: 143133
Ion Ratio Lower Upper
84 100
49 124.5 98.6 148.0
51 38.5 29.4 44.0
86 63.3 50.6 76.0

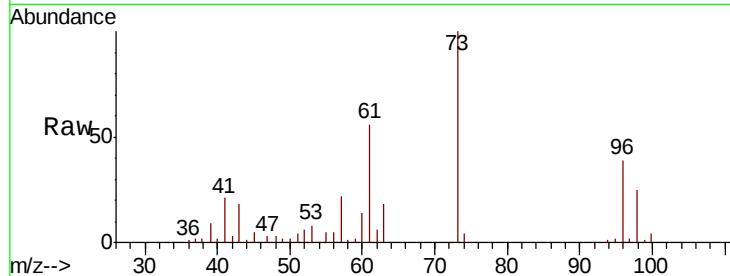




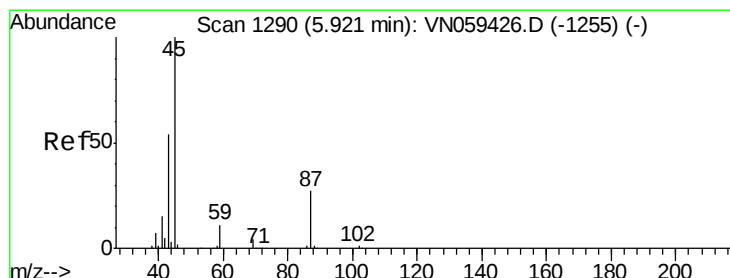
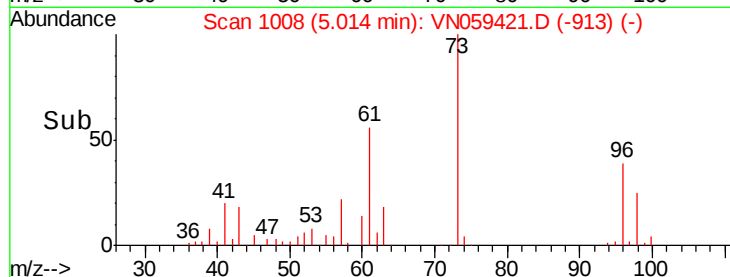
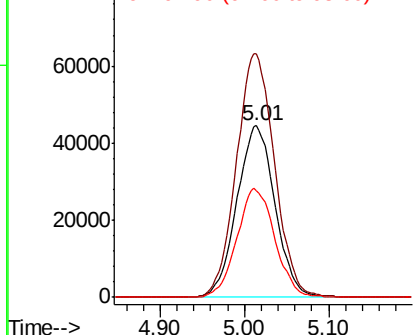
#21
trans-1,2-Dichloroethene
Concen: 34.429 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.01 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 140090
Ion Ratio Lower Upper
96 100
61 141.5 114.0 171.0
98 62.4 50.5 75.7

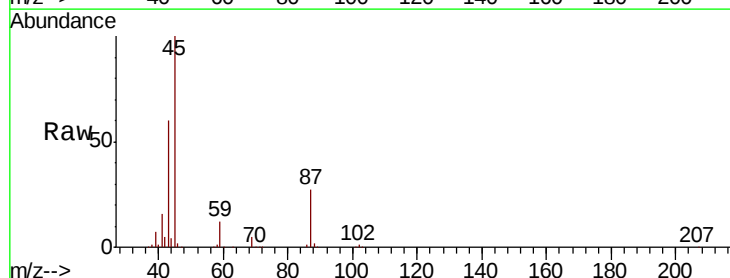


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

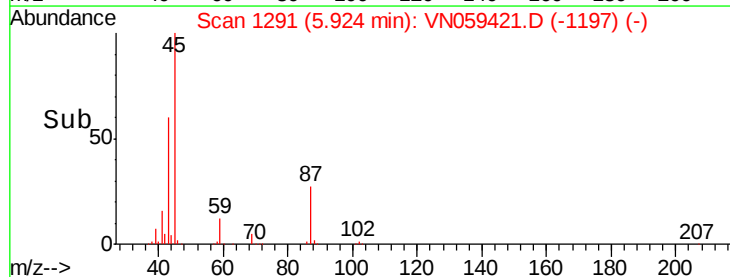
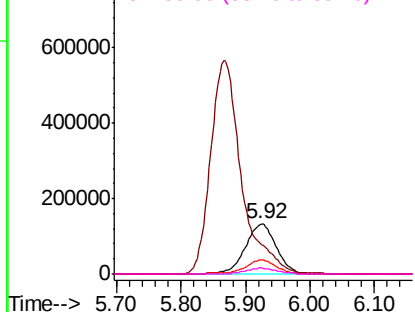


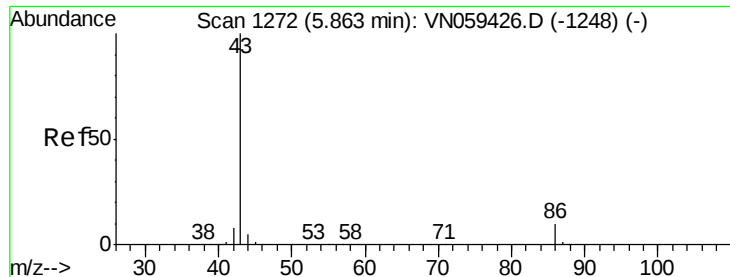
#22
Diisopropyl ether
Concen: 34.665 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 45 Resp: 446191
Ion Ratio Lower Upper
45 100
43 59.0 46.3 69.5
87 27.3 21.8 32.6
59 11.6 9.0 13.4



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

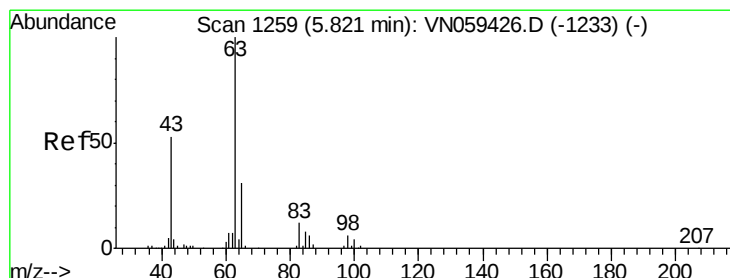
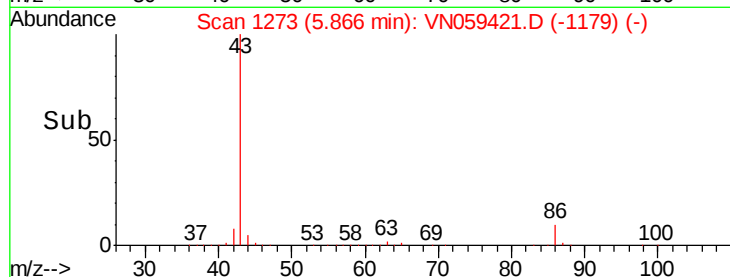
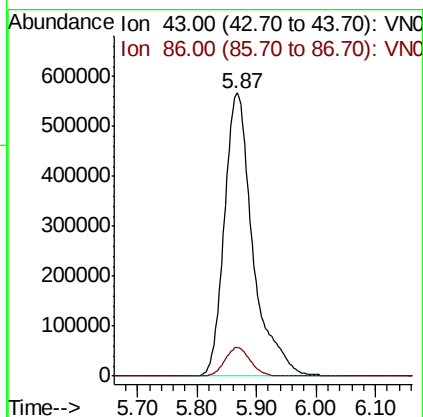
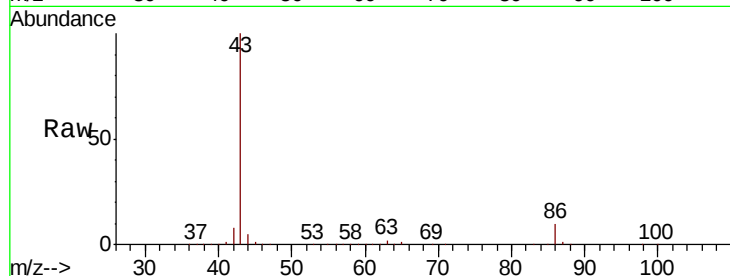




#23
 Vinyl Acetate
 Concen: 181.548 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

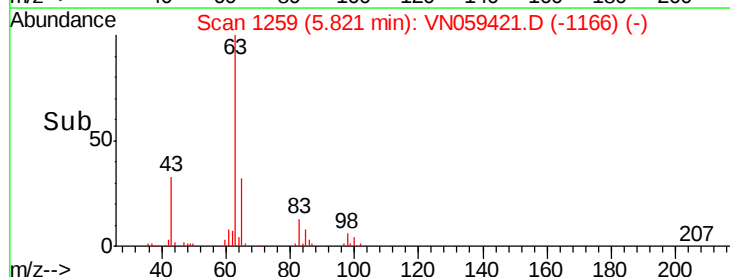
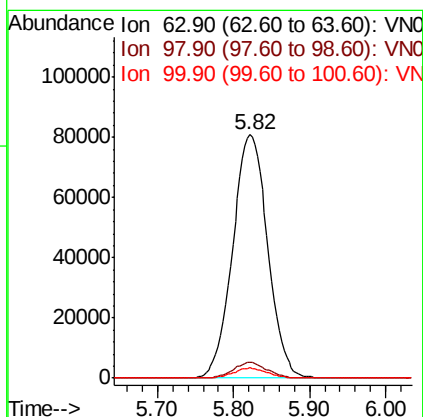
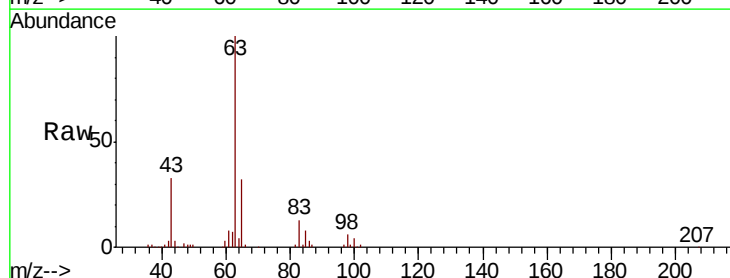
Instrument :
 MSVOA_N
 ClientSampled :

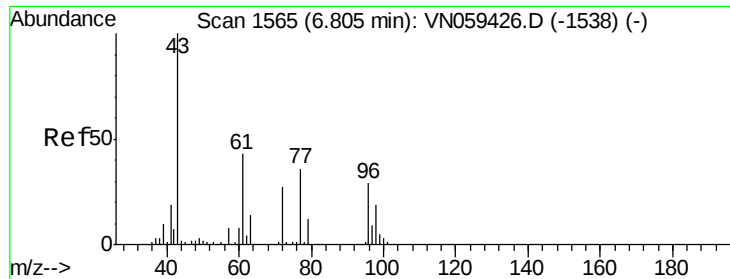
Tot Ion: 43 Resp: 1885262
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 34.911 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

Tgt Ion: 63 Resp: 258545
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 178.425 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

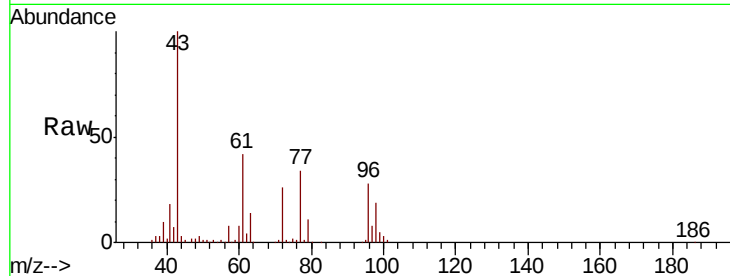
ClientSampled :

Tot Ion: 43 Resp: 515418

Ion Ratio Lower Upper

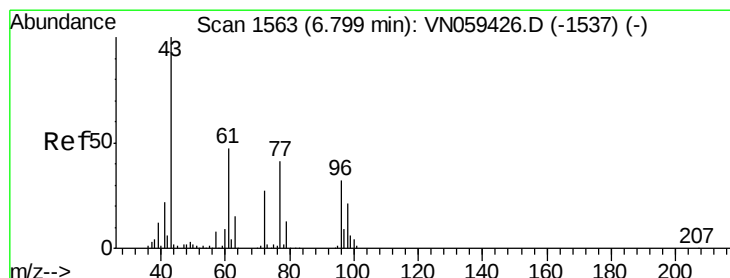
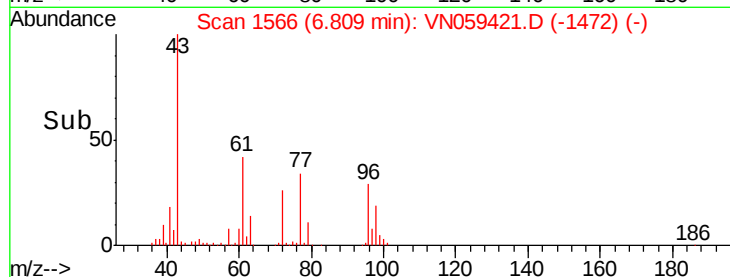
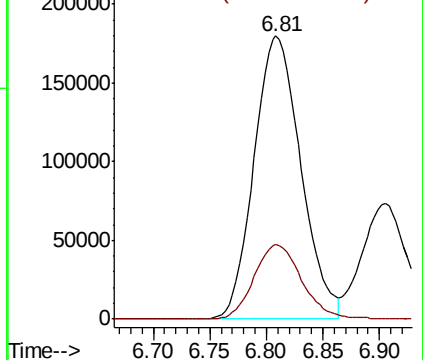
43 100

72 26.2 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VN059426.D

Ion 72.00 (71.70 to 72.70): VN059426.D



#26

2,2-Dichloropropane

Concen: 34.135 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059421.D

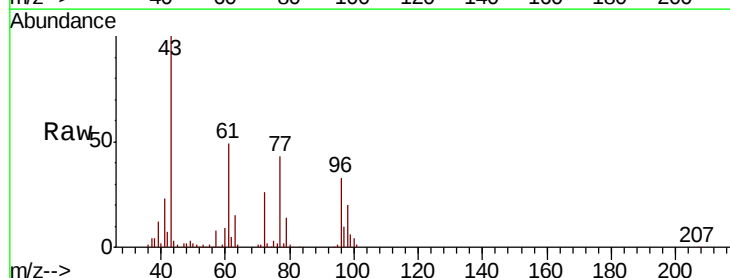
Acq: 27 Nov 2019 13:45

Tgt Ion: 77 Resp: 215136

Ion Ratio Lower Upper

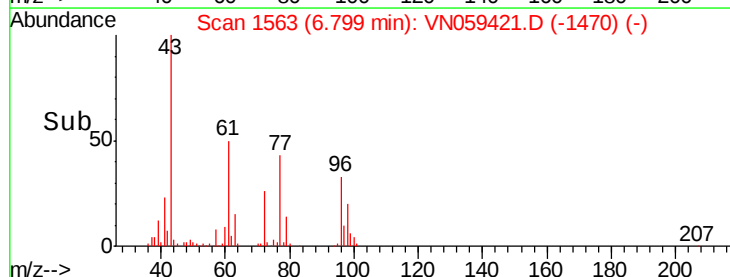
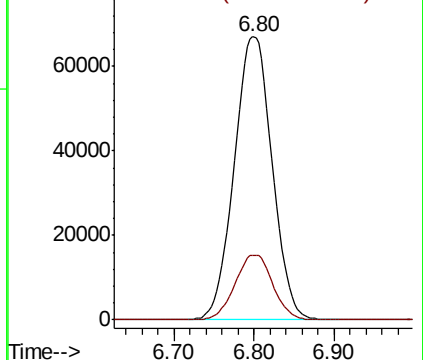
77 100

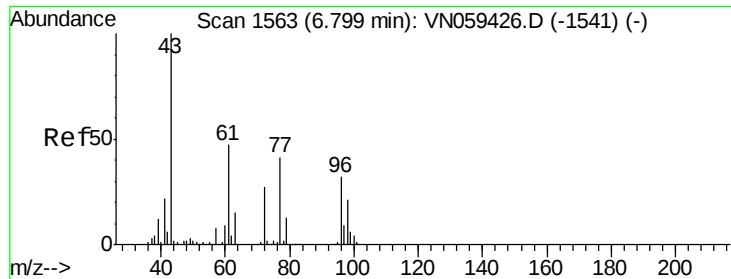
97 22.8 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VN059426.D

Ion 96.90 (96.60 to 97.60): VN059426.D





#27

cis-1,2-Dichloroethene

Concen: 34.332 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :
MSVOA_N
ClientSampled :

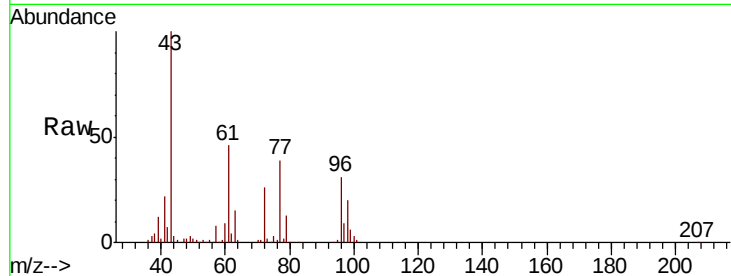
Tot Ion: 96 Resp: 152784

Ion Ratio Lower Upper

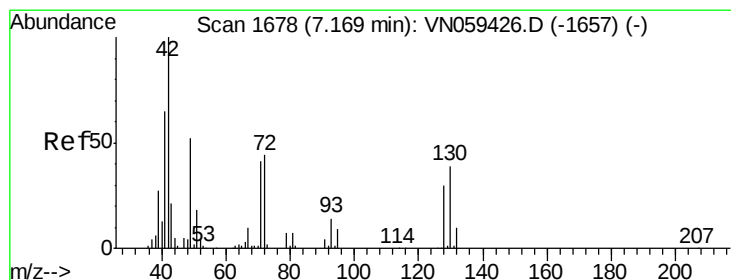
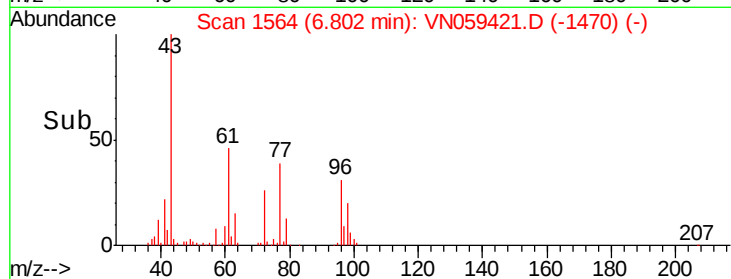
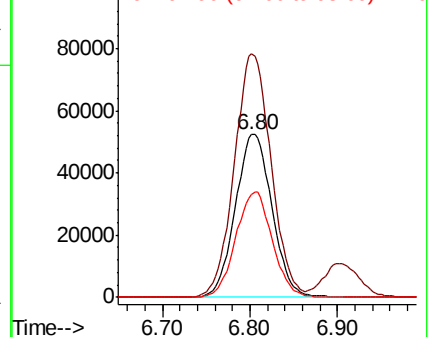
96 100

61 149.4 0.0 297.6

98 64.1 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: 41.433 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

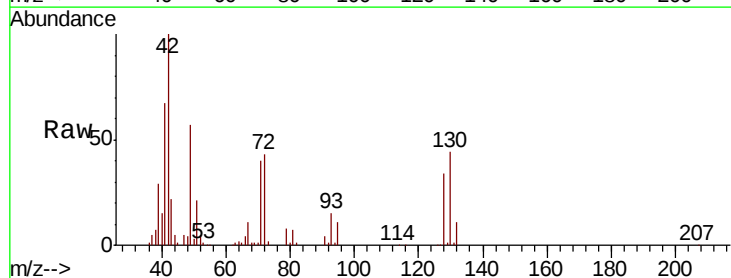
Tgt Ion: 49 Resp: 130574

Ion Ratio Lower Upper

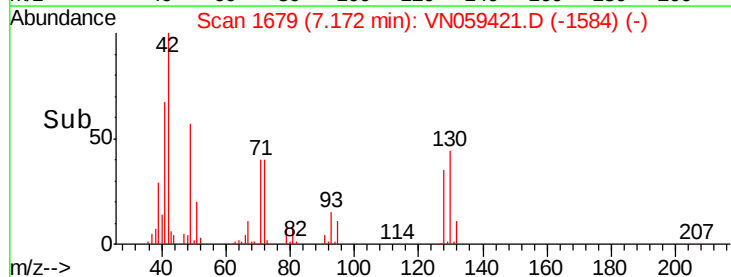
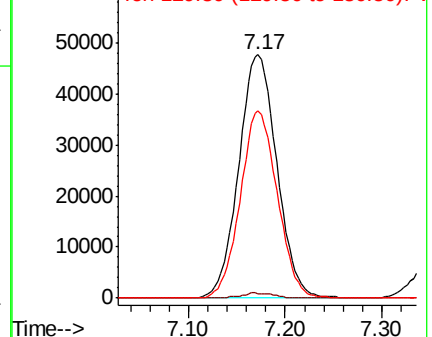
49 100

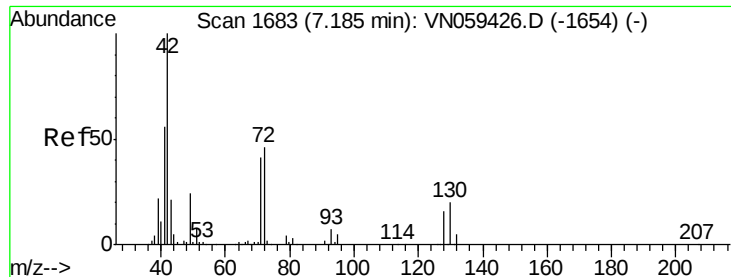
129 1.8 0.0 3.6

130 74.8 60.5 90.7



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

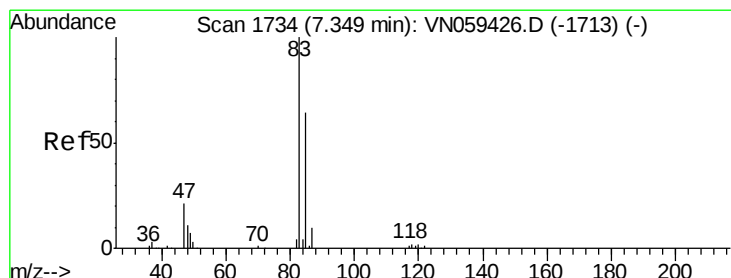
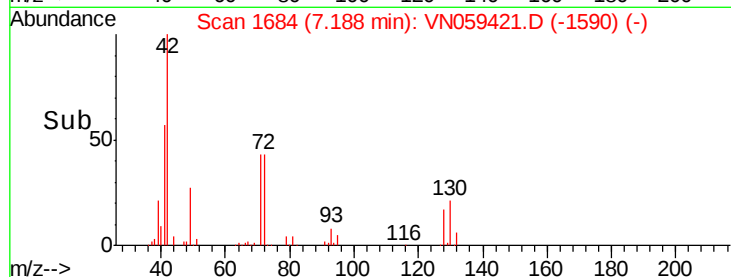
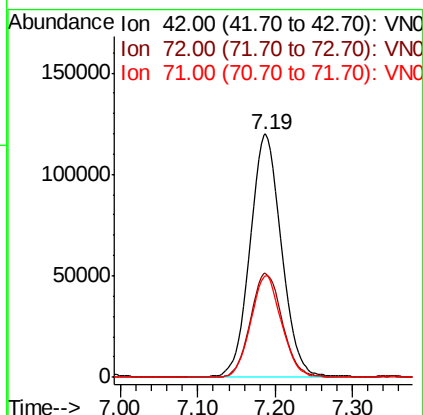
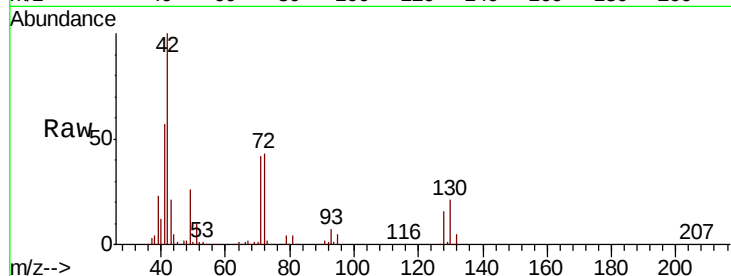




#29
Tetrahydrofuran
Concen: 178.036 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

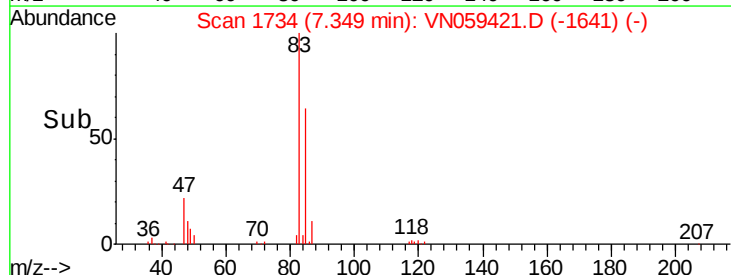
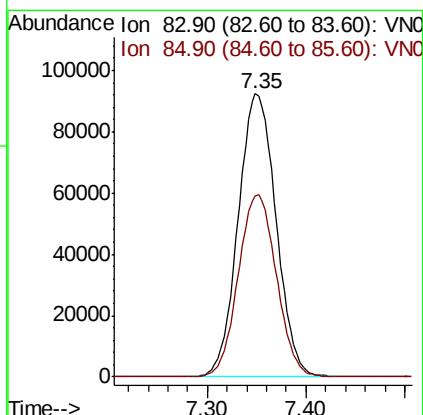
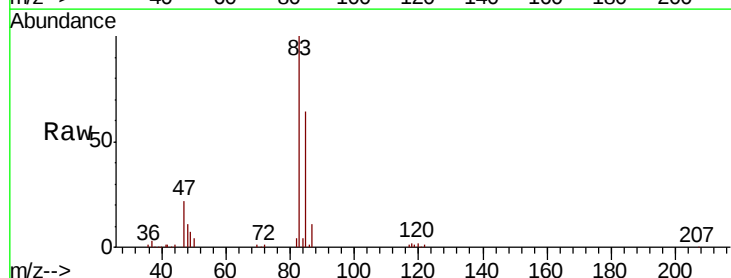
Instrument :
MSVOA_N
ClientSampled :

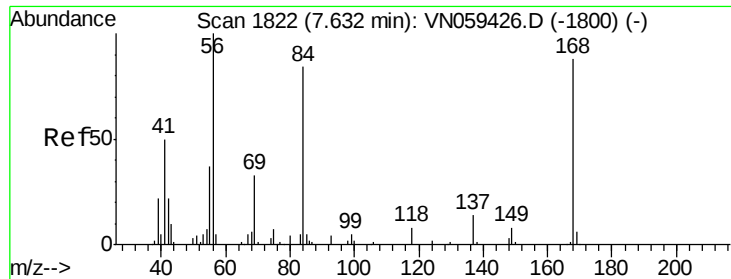
Tot Ion: 42 Resp: 342046
Ion Ratio Lower Upper
42 100
72 43.4 34.6 51.8
71 41.0 33.0 49.6



#30
Chloroform
Concen: 32.977 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 83 Resp: 245758
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4





#31

Cyclohexane

Concen: 32.977 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampled :

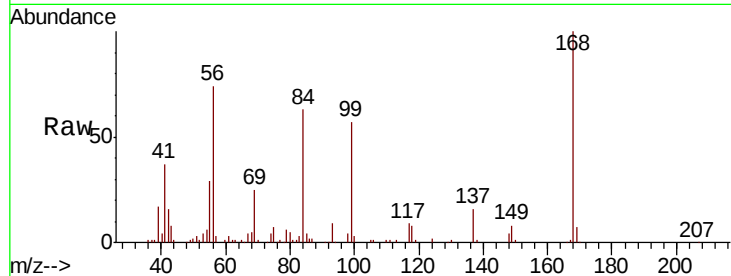
Tot Ion: 56 Resp: 244833

Ion Ratio Lower Upper

56 100

69 33.6 26.4 39.6

84 84.6 67.0 100.6

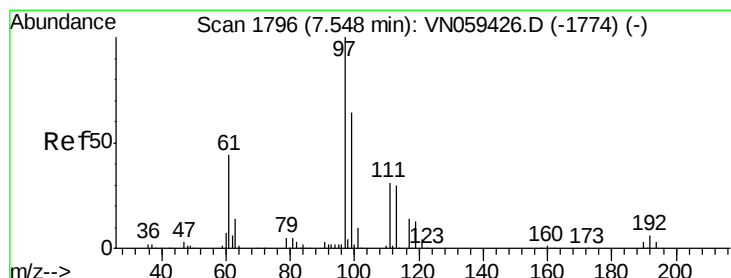
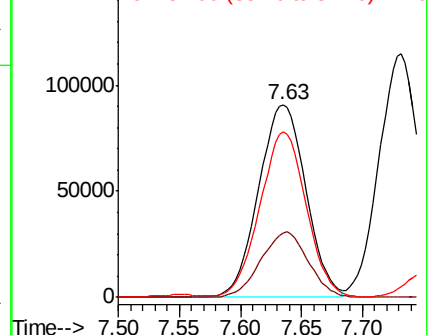
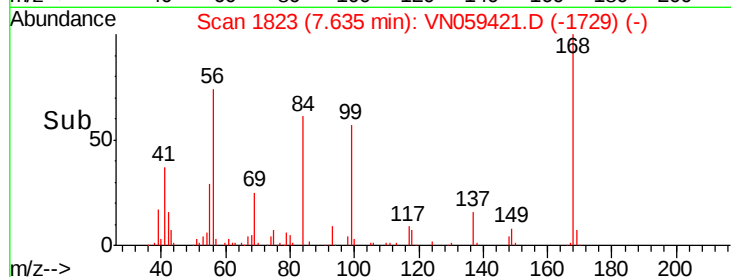


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 34.444 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

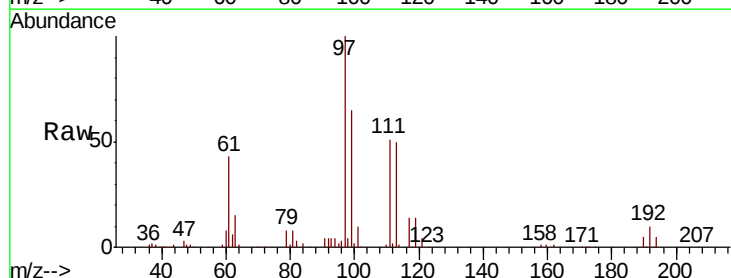
Tgt Ion: 97 Resp: 209916

Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 42.9 34.3 51.5

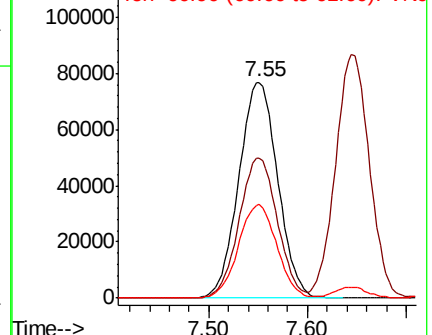
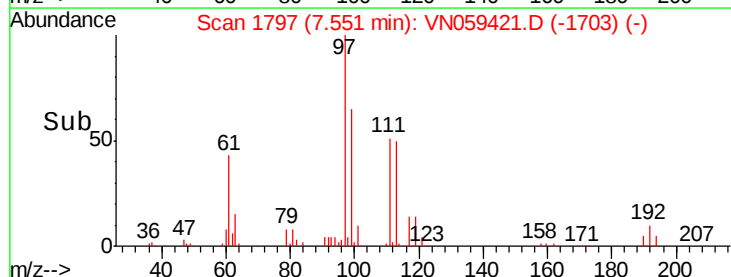


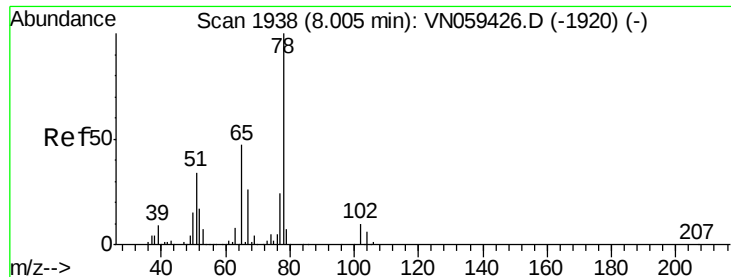
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

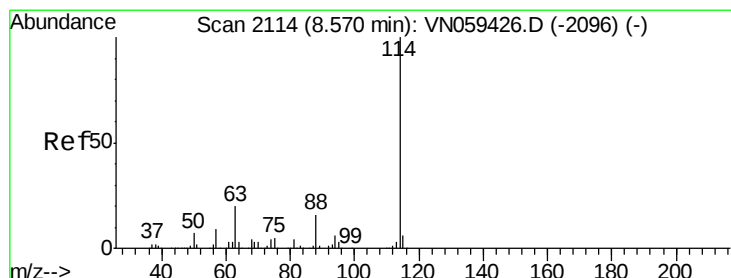
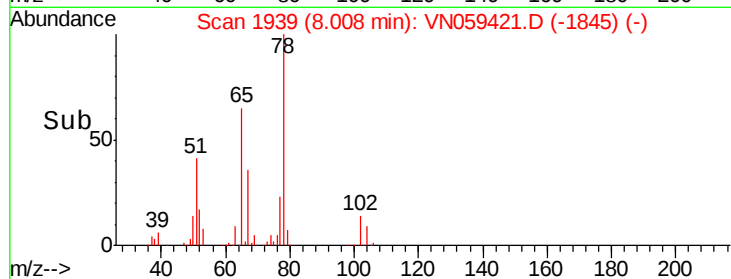
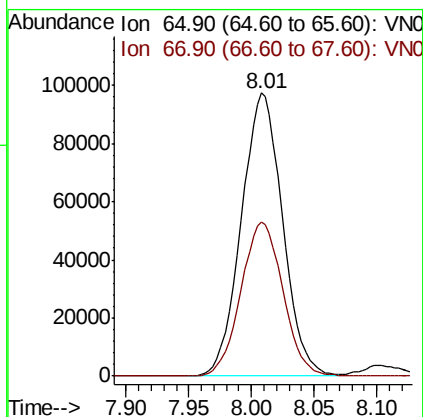
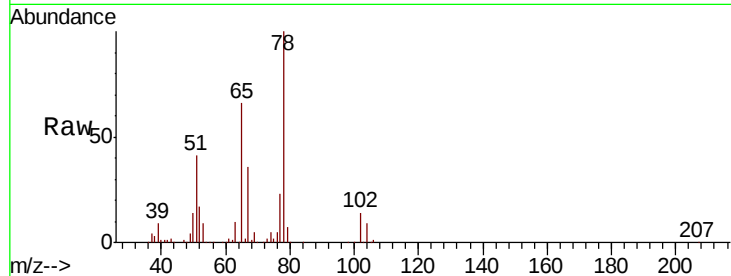




#33
 1,2-Dichloroethane-d4
 Concen: 50.570 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

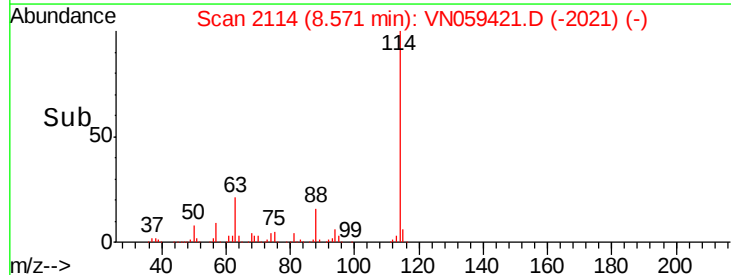
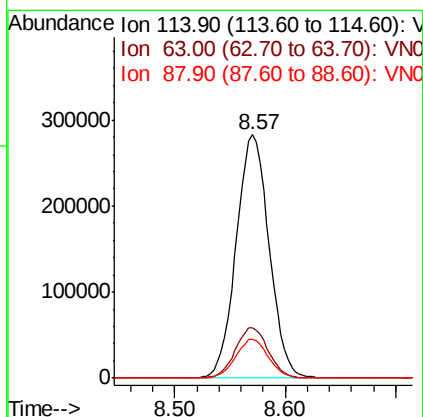
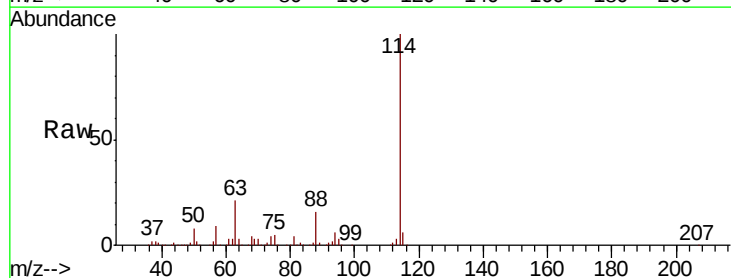
Instrument :
 MSVOA_N
 ClientSampled :

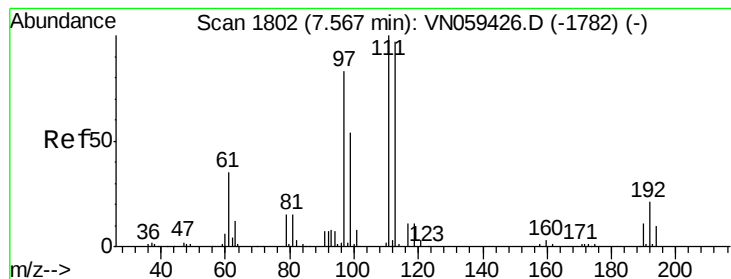
Tot Ion: 65 Resp: 222898
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

Tgt Ion: 114 Resp: 585626
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.4
 88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.026 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampleId :

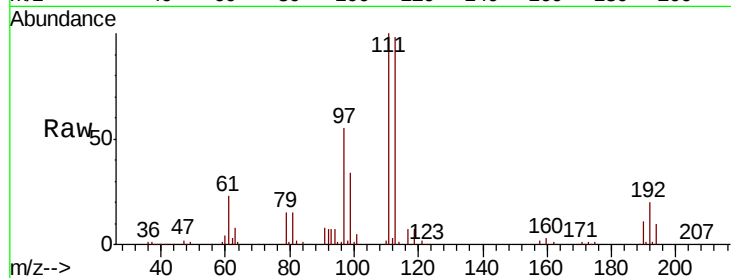
Tot Ion:113 Resp: 185586

Ion Ratio Lower Upper

113 100

111 100.9 81.9 122.9

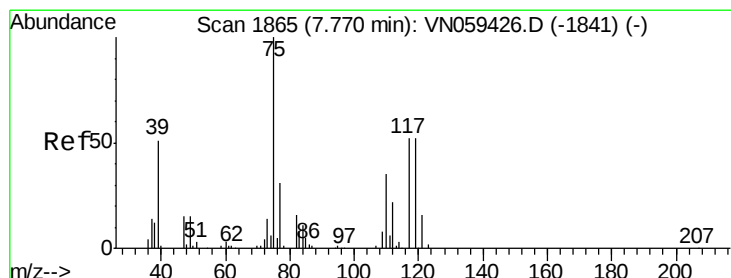
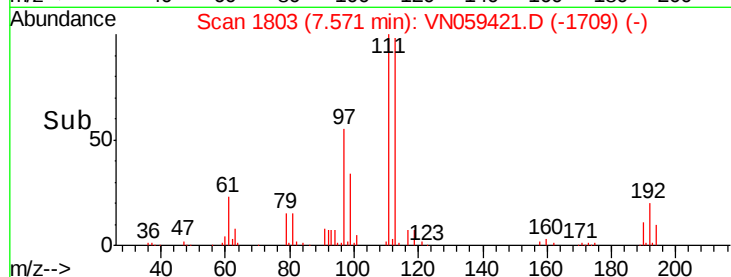
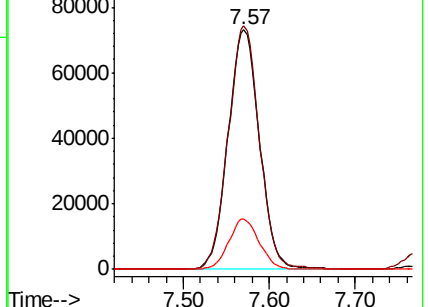
192 20.4 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 34.292 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

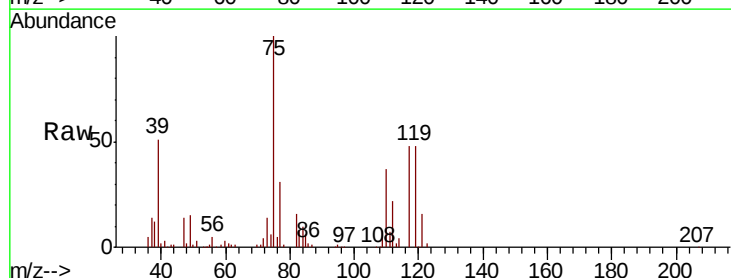
Tgt Ion: 75 Resp: 193118

Ion Ratio Lower Upper

75 100

110 35.5 17.3 52.0

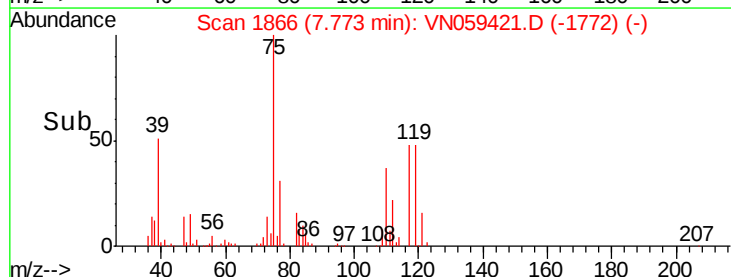
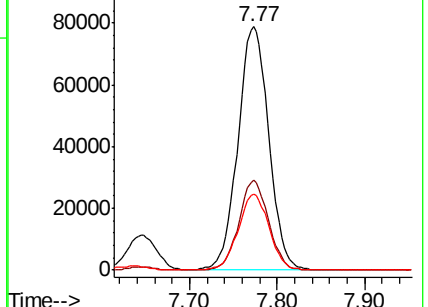
77 31.3 24.9 37.3

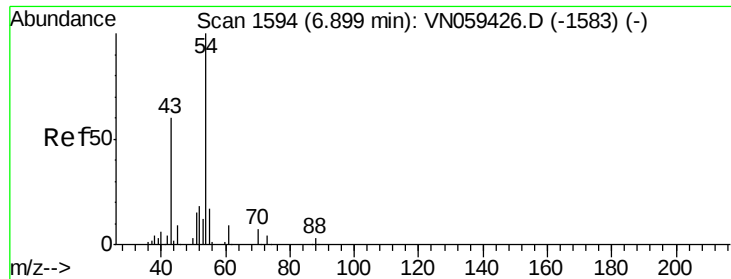


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

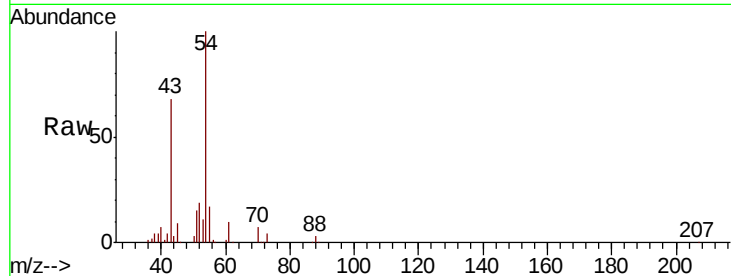




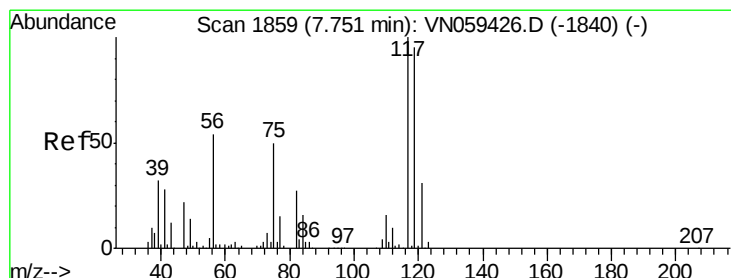
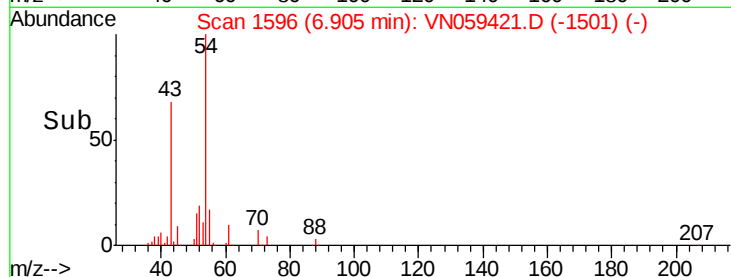
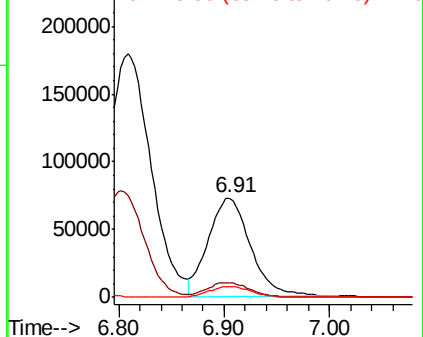
#37
Ethyl Acetate
Concen: 34.222 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 203909
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.2
70 11.0 8.8 13.2

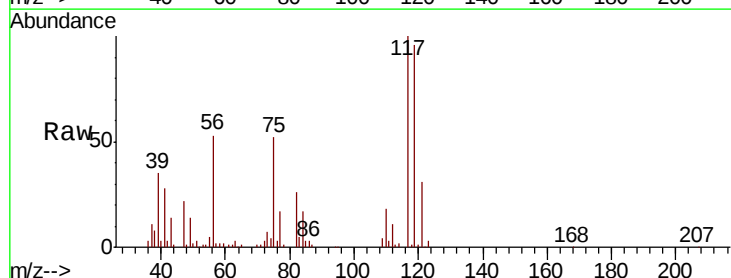


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

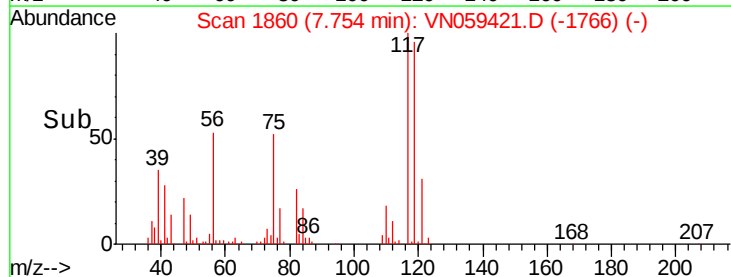
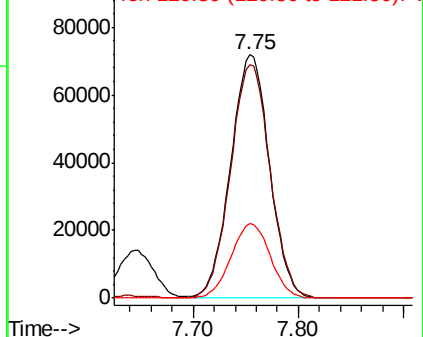


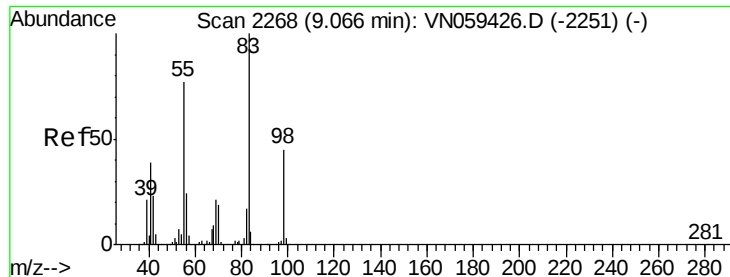
#38
Carbon Tetrachloride
Concen: 34.646 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 117 Resp: 184137
Ion Ratio Lower Upper
117 100
119 96.0 75.9 113.9
121 30.7 24.6 36.8



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

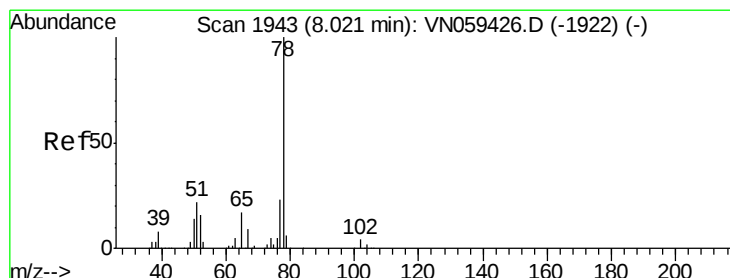
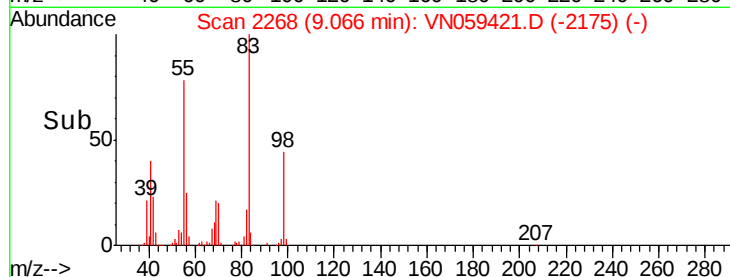
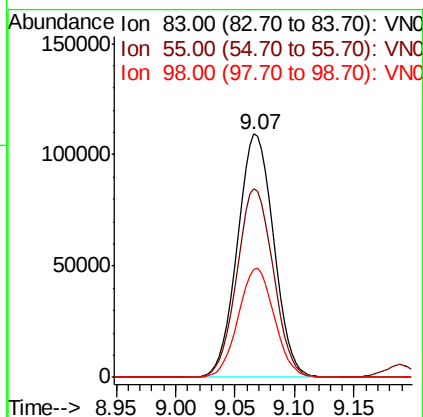
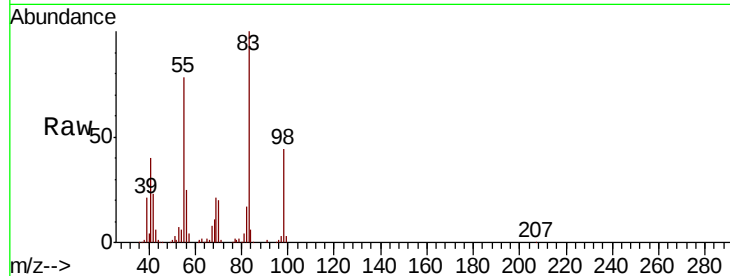




#39
Methylcyclohexane
Concen: 34.408 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

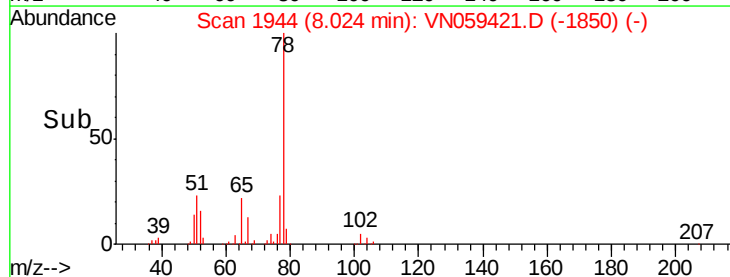
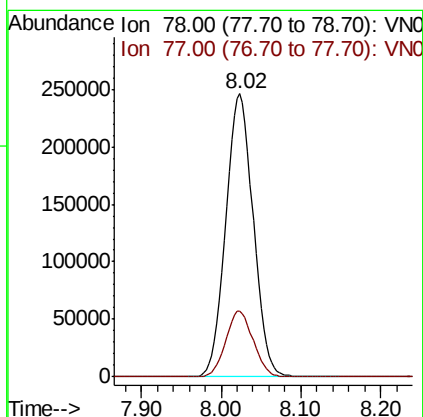
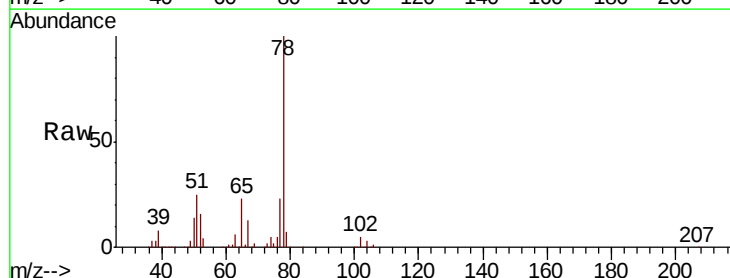
Instrument :
MSVOA_N
ClientSampled :

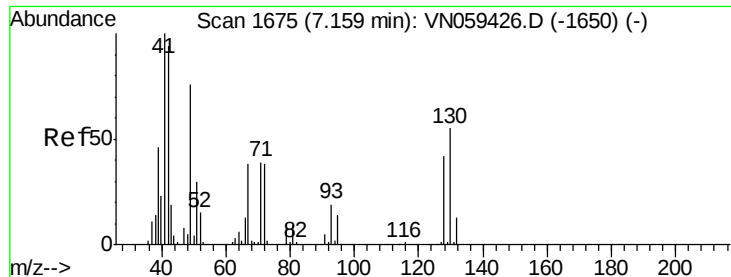
Tot Ion	83	Resp	231821
Ion Ratio	100	Lower	Upper
55	77.7	61.6	92.4
98	44.5	35.7	53.5



#40
Benzene
Concen: 34.395 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion	78	Resp	575132
Ion Ratio	100	Lower	Upper
77	23.2	18.3	27.5

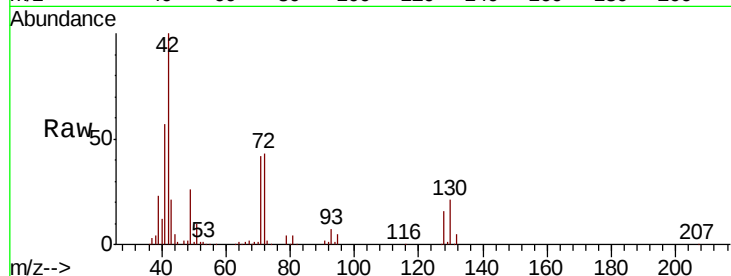




#41
Methacrylonitrile
Concen: 105.366 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	292335
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



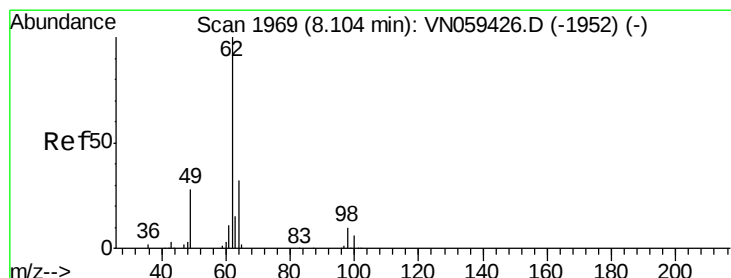
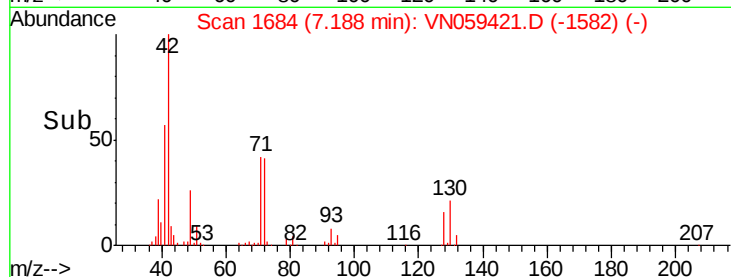
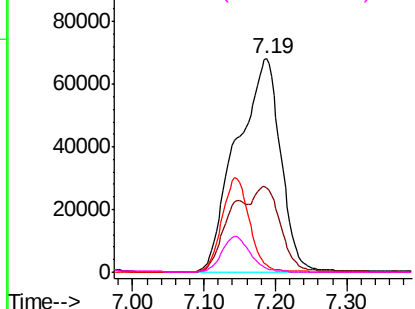
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

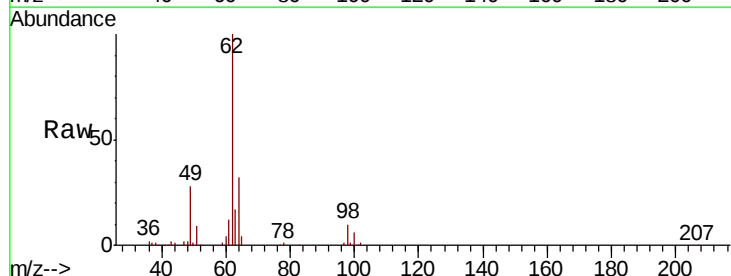
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 35.047 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

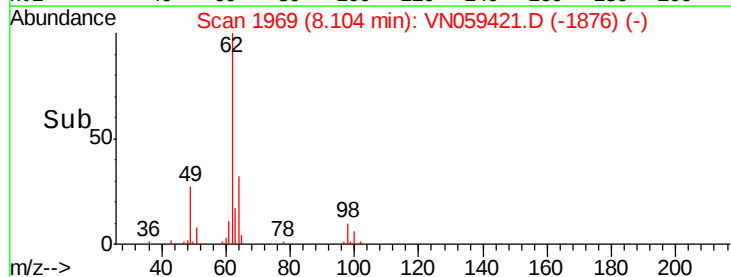
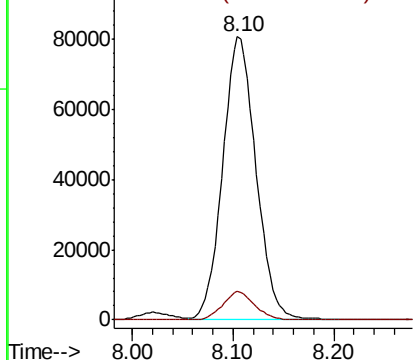
Tgt Ion:	62	Resp:	185826
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

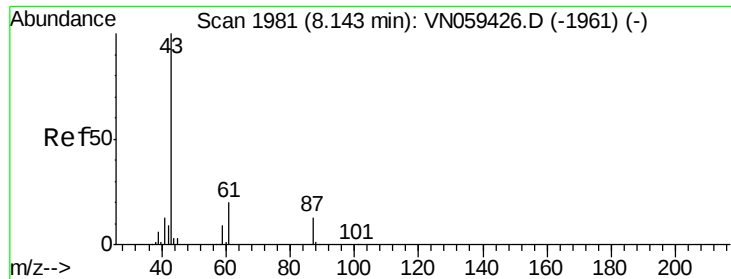


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 35.096 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampleId :

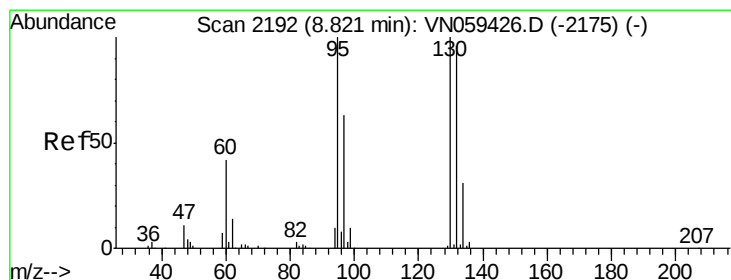
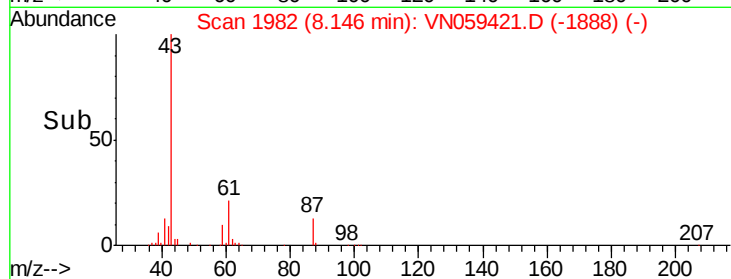
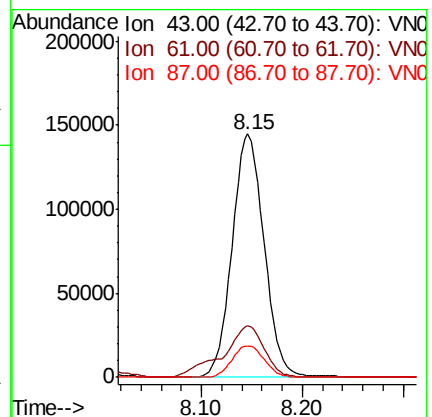
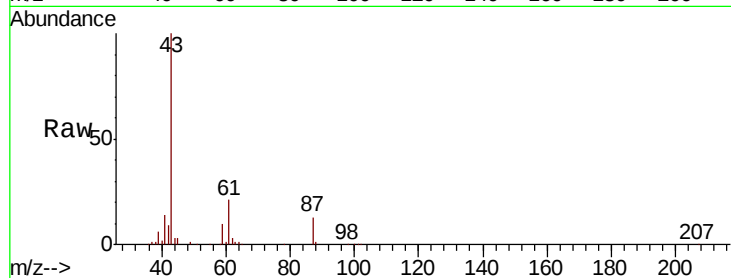
Tot Ion: 43 Resp: 317684

Ion Ratio Lower Upper

43 100

61 27.8 22.2 33.2

87 13.3 10.7 16.1



#44

Trichloroethene

Concen: 34.515 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059421.D

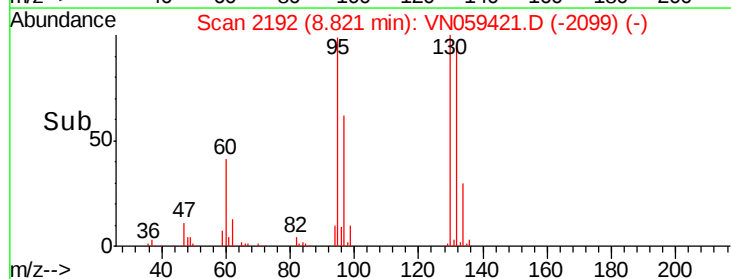
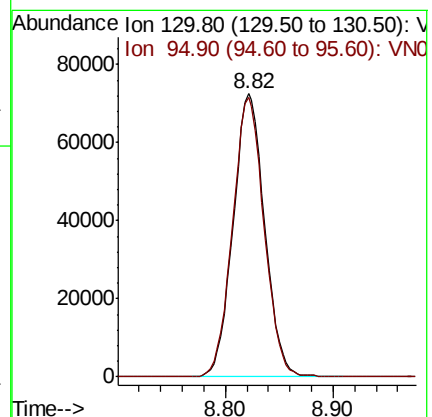
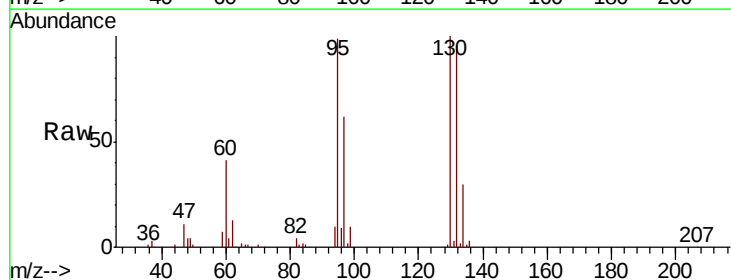
Acq: 27 Nov 2019 13:45

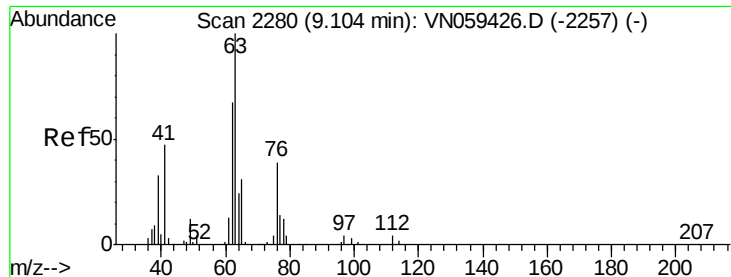
Tgt Ion:130 Resp: 147158

Ion Ratio Lower Upper

130 100

95 99.0 0.0 199.6





#45

1,2-Dichloropropane

Concen: 35.015 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

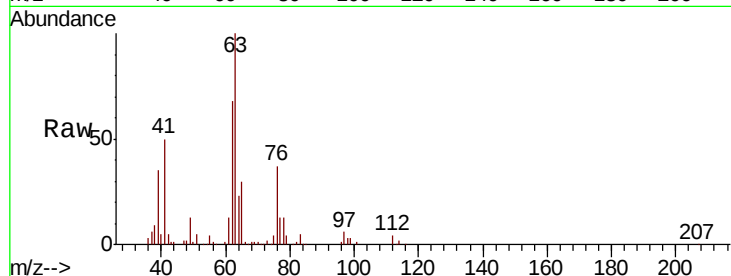
ClientSampled :

Tot Ion: 63 Resp: 153147

Ion Ratio Lower Upper

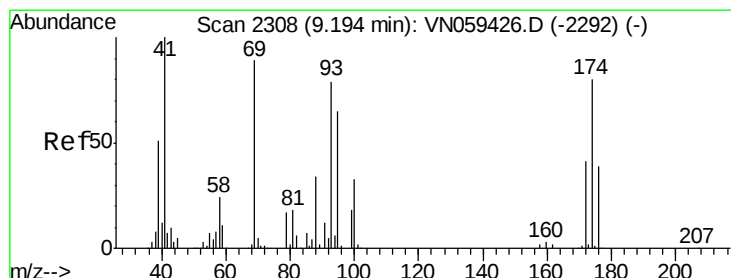
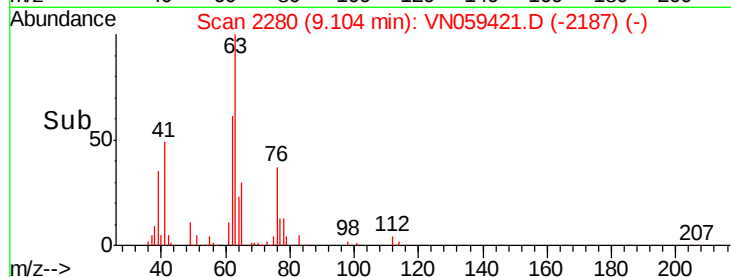
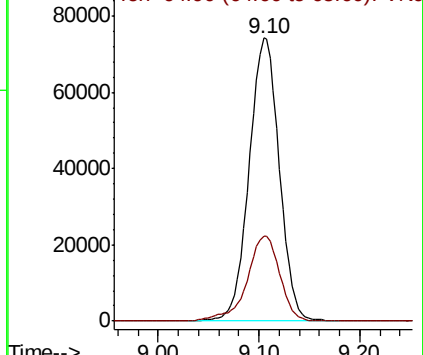
63 100

65 30.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 34.912 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

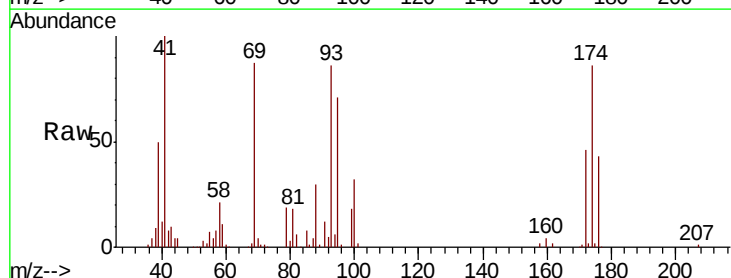
Tgt Ion: 93 Resp: 94230

Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

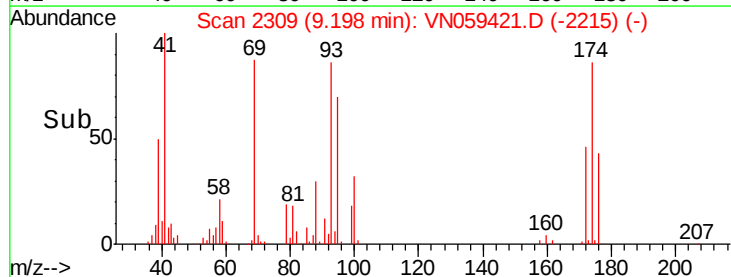
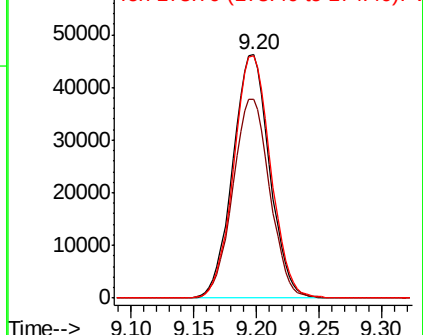
174 100.0 81.8 122.8

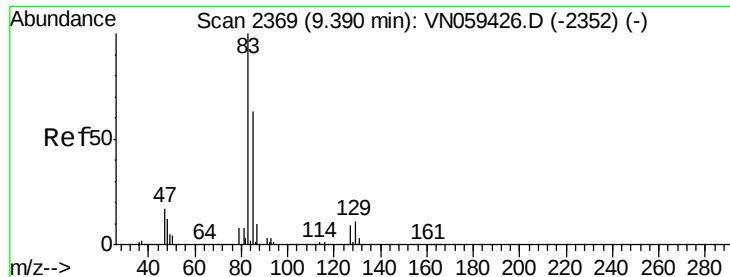


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 34.509 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :
MSVOA_N
ClientSampleId :

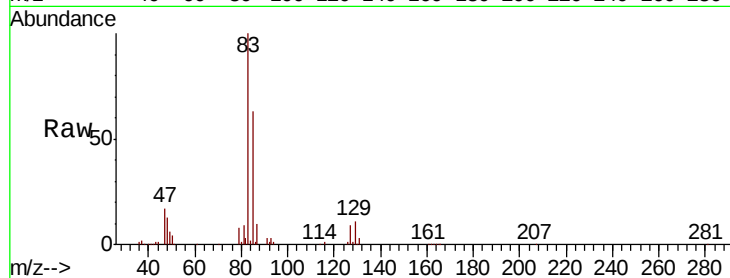
Tot Ion: 83 Resp: 188387

Ion Ratio Lower Upper

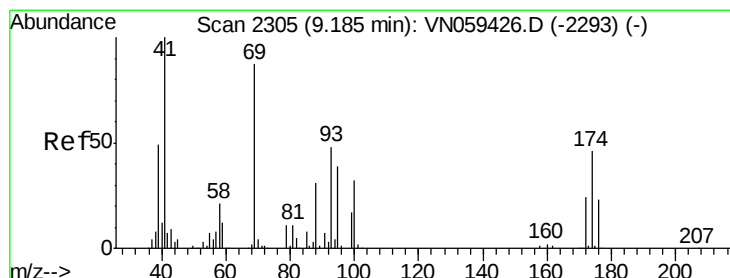
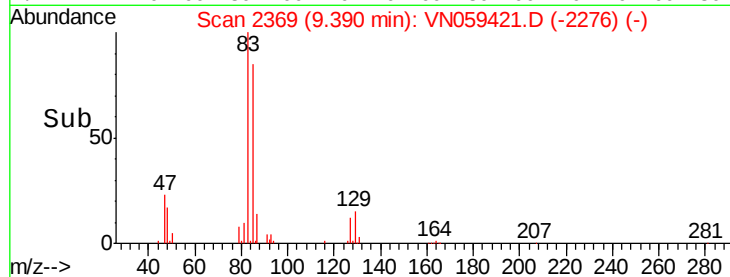
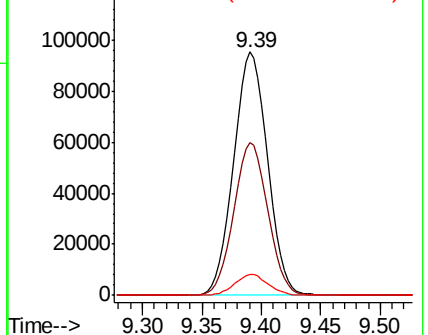
83 100

85 63.0 50.6 75.8

127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 34.879 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

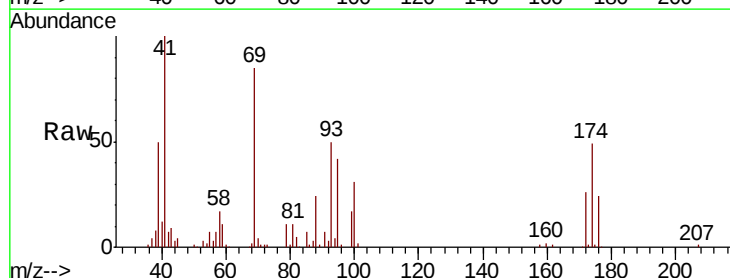
Tgt Ion: 41 Resp: 140069

Ion Ratio Lower Upper

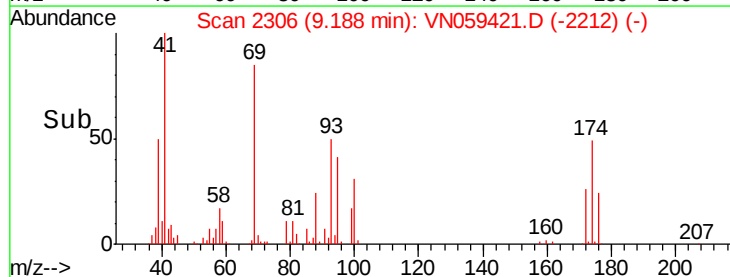
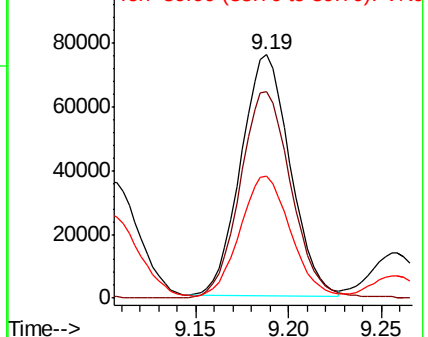
41 100

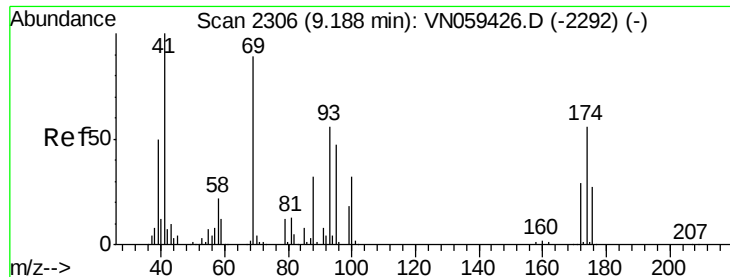
69 89.4 71.6 107.4

39 52.3 41.3 61.9



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

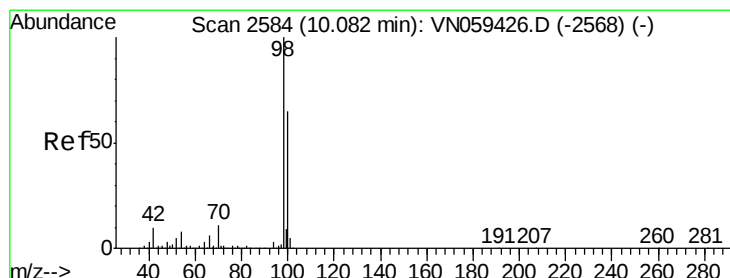
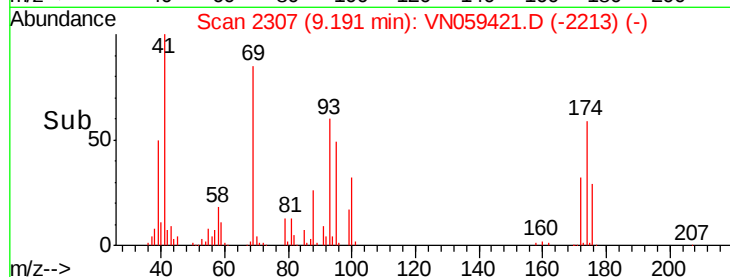
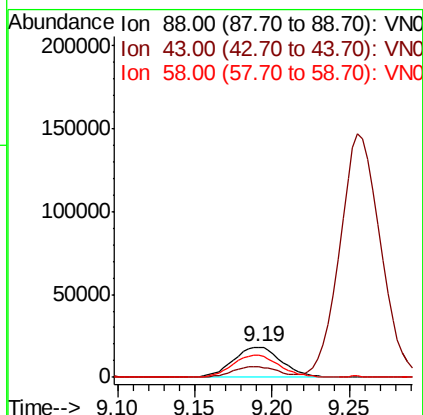
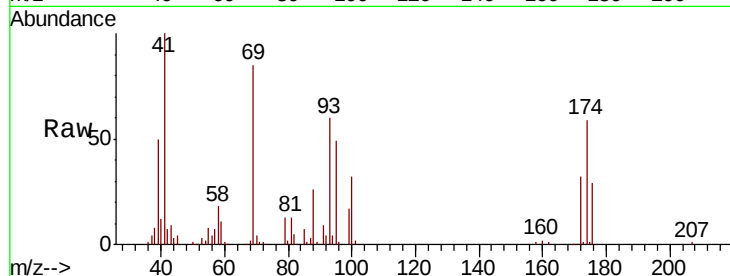




#49
1,4-Dioxane
Concen: 670.468 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

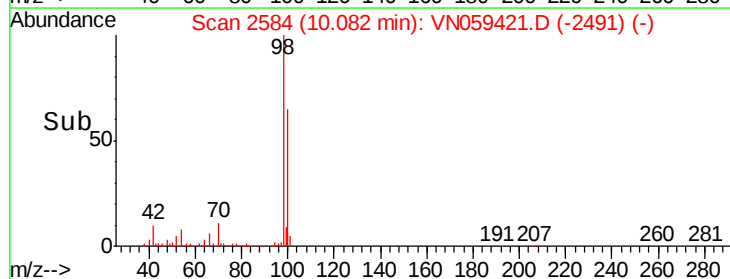
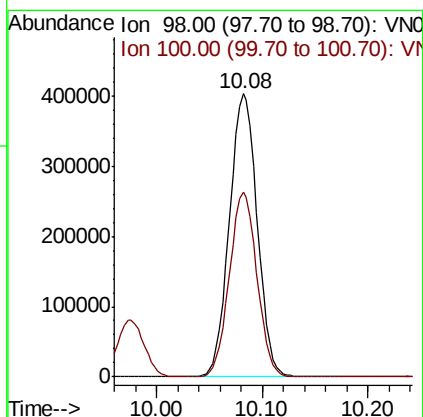
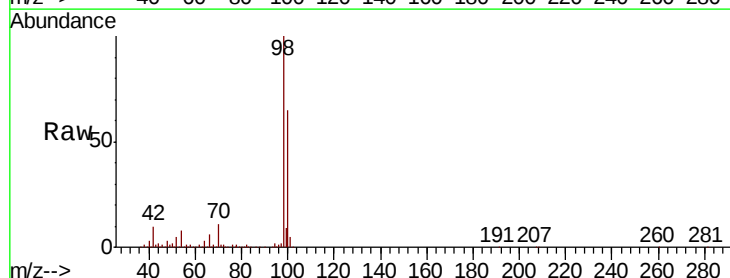
Instrument :
MSVOA_N
ClientSampleId :

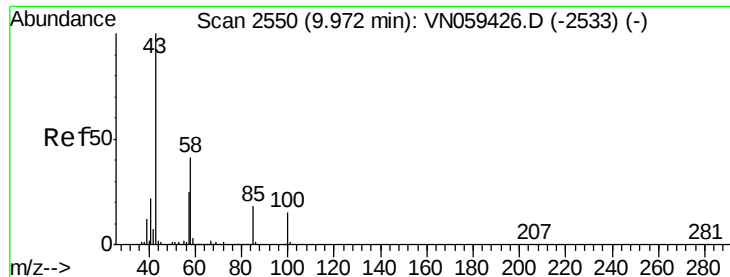
Tot Ion: 88 Resp: 39324
Ion Ratio Lower Upper
88 100
43 34.6 23.7 35.5
58 71.4 56.3 84.5



#50
Toluene-d8
Concen: 51.672 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 98 Resp: 734428
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

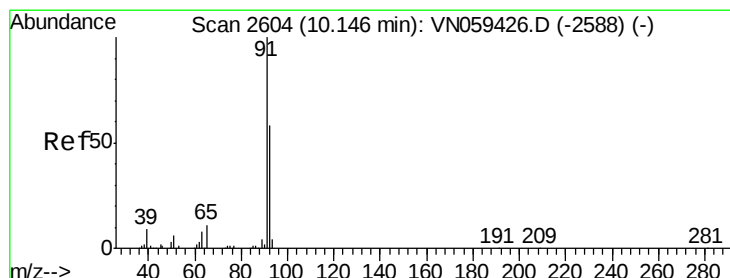
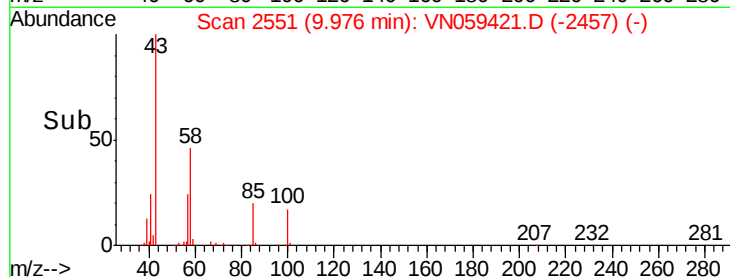
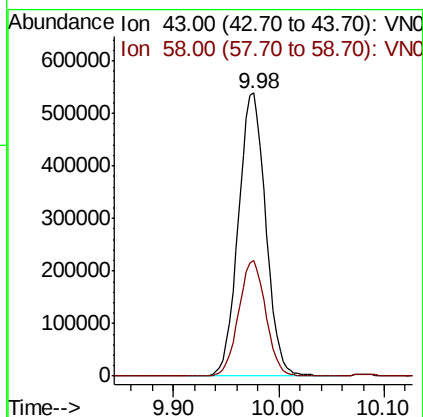
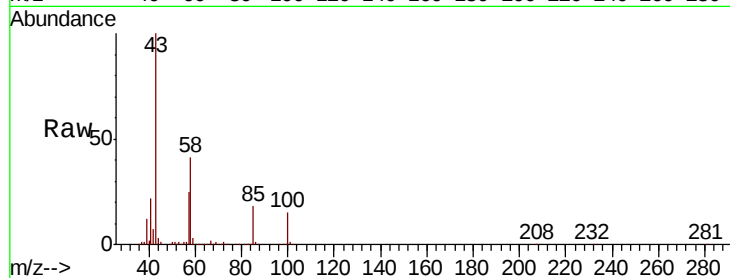




#51
4-Methyl-2-Pentanone
Concen: 184.410 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

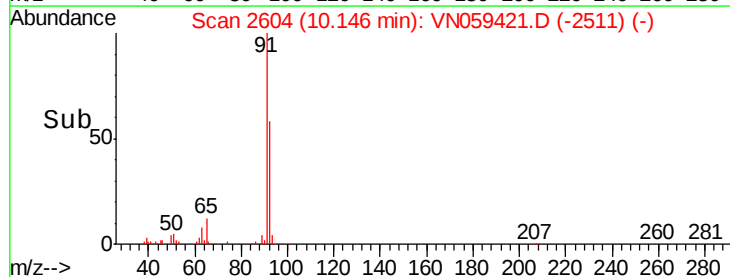
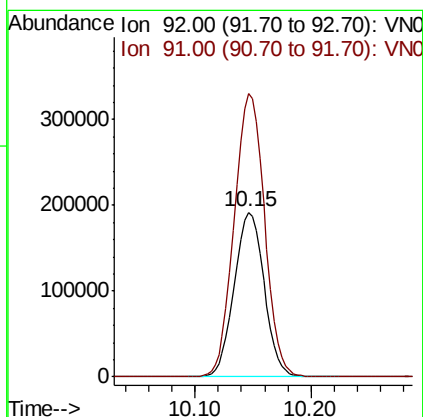
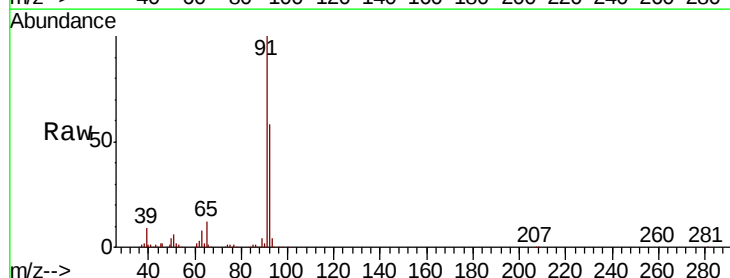
Instrument :
MSVOA_N
ClientSampled :

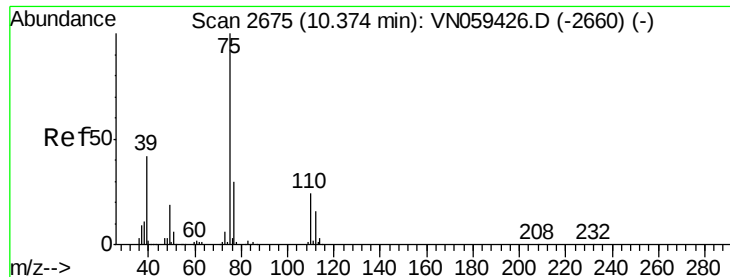
Tot Ion: 43 Resp: 968216
Ion Ratio Lower Upper
43 100
58 40.5 32.5 48.7



#52
Toluene
Concen: 34.476 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 92 Resp: 344403
Ion Ratio Lower Upper
92 100
91 173.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 34.625 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

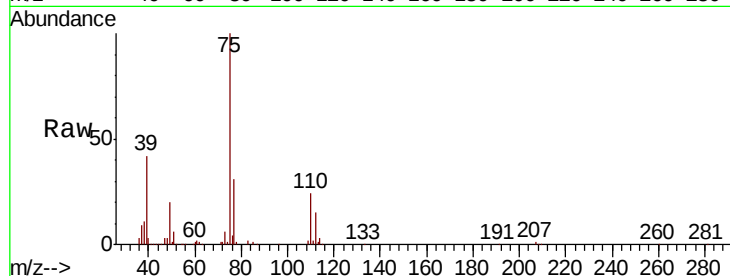
ClientSampleId :

Tot Ion: 75 Resp: 217194

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

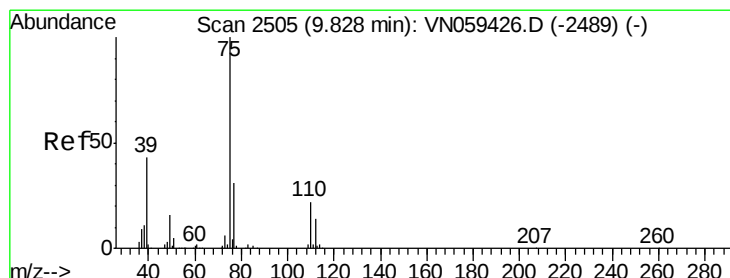
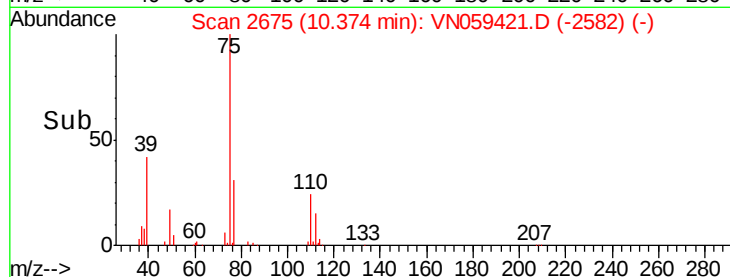
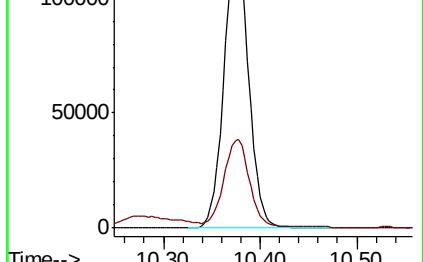
Ion 76.90 (76.60 to 77.60): VN0

10.37

100000

50000

0



#54

cis-1,3-Dichloropropene

Concen: 35.051 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

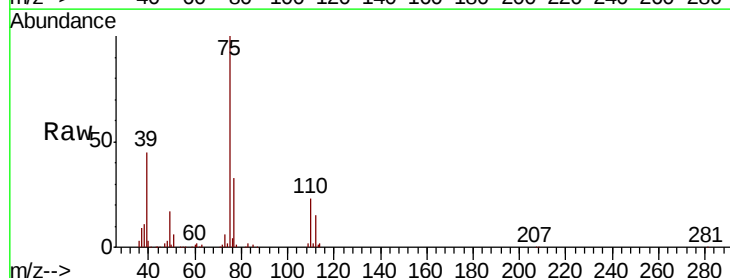
Tgt Ion: 75 Resp: 237345

Ion Ratio Lower Upper

75 100

77 33.3 25.1 37.7

39 45.1 34.0 51.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

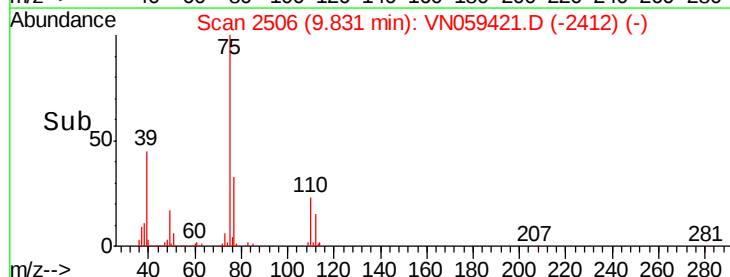
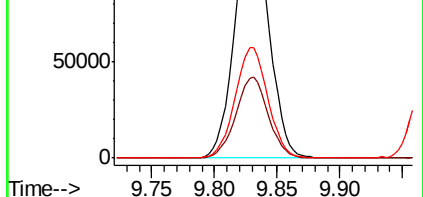
9.83

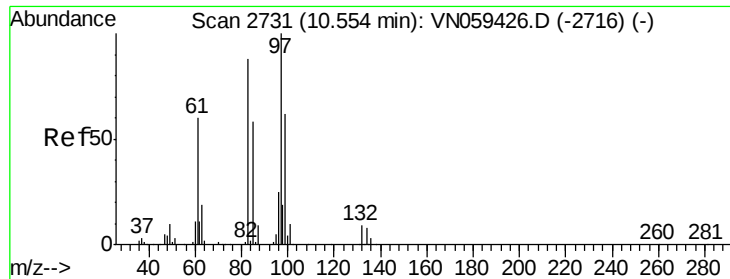
150000

100000

50000

0





#55

1,1,2-Trichloroethane

Concen: 33.903 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 132562

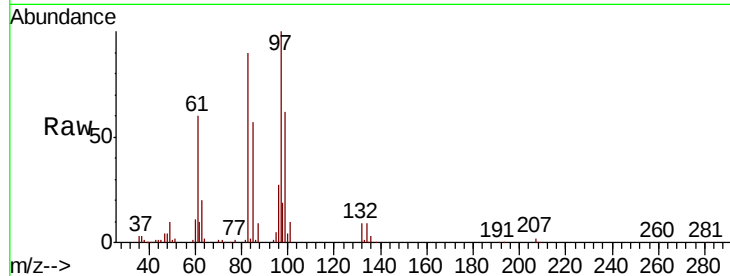
Ion Ratio Lower Upper

97 100

83 90.0 70.7 106.1

85 57.0 46.4 69.6

99 62.3 49.6 74.4

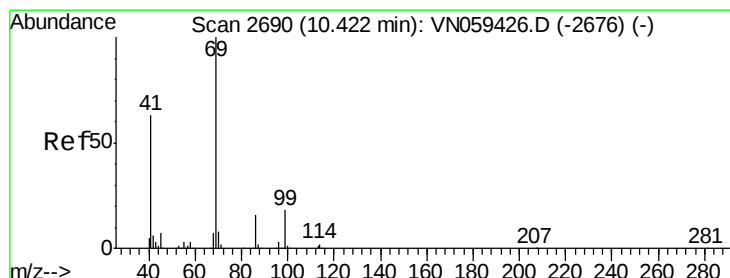
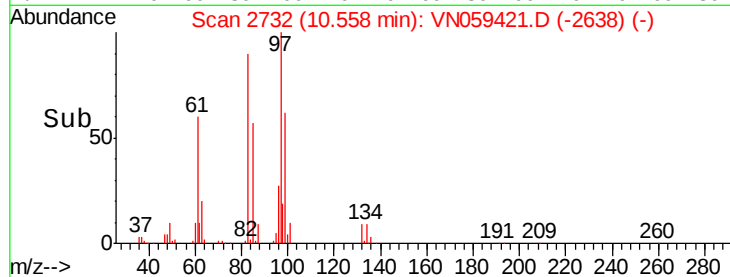
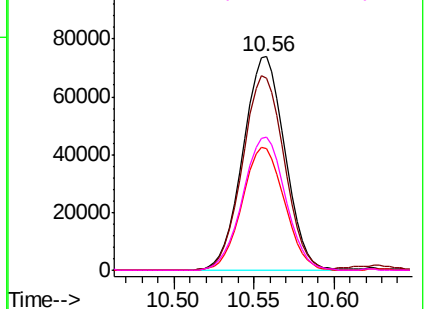


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 38.009 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

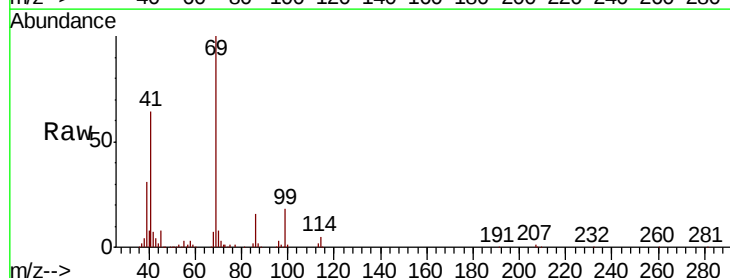
Tgt Ion: 69 Resp: 203680

Ion Ratio Lower Upper

69 100

41 64.3 50.1 75.1

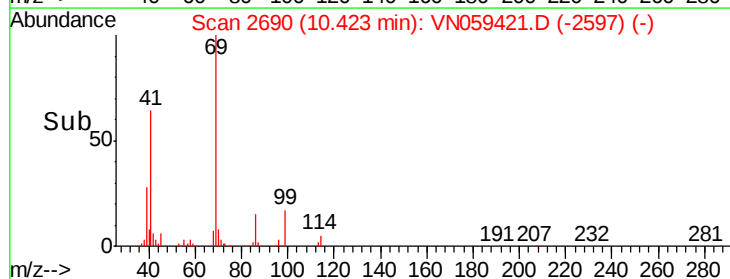
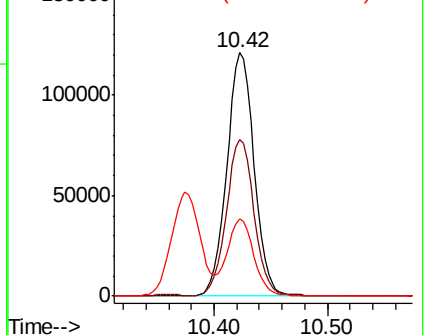
39 30.6 23.9 35.9

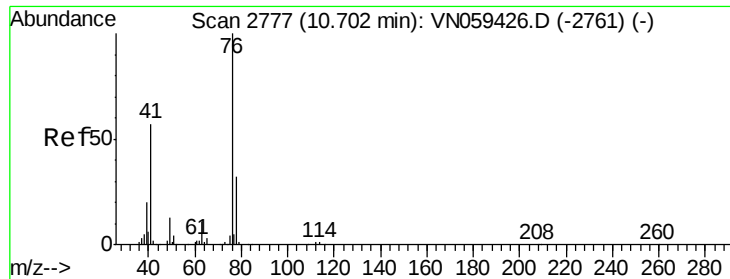


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 34.683 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

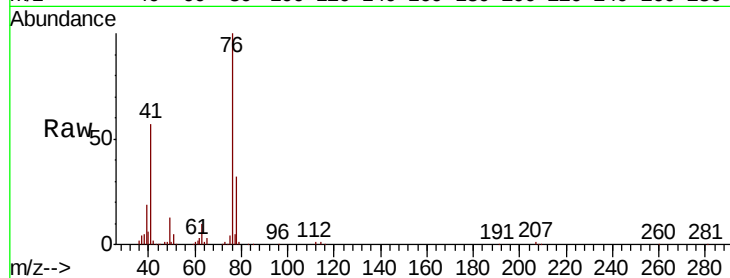
ClientSampled :

Tot Ion: 76 Resp: 234386

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN059421.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN059421.D (-2684) (-)

10.70

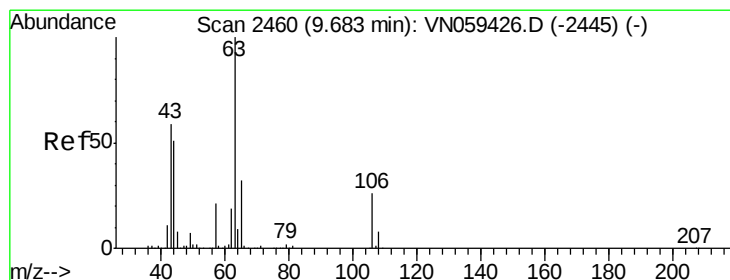
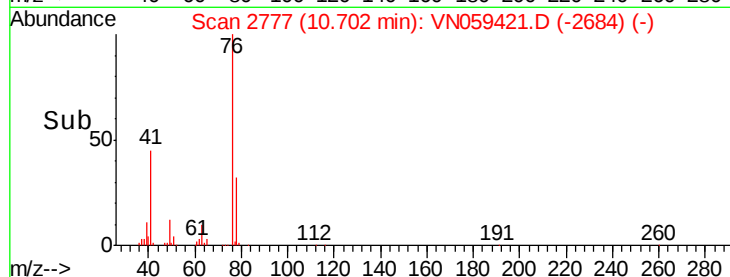
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 178.794 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059421.D

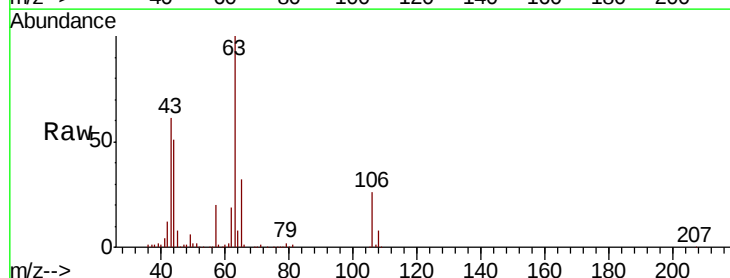
Acq: 27 Nov 2019 13:45

Tgt Ion: 63 Resp: 299542

Ion Ratio Lower Upper

63 100

106 25.9 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN059421.D (-2367) (-)

Ion 105.90 (105.60 to 106.60): VN059421.D (-2367) (-)

9.69

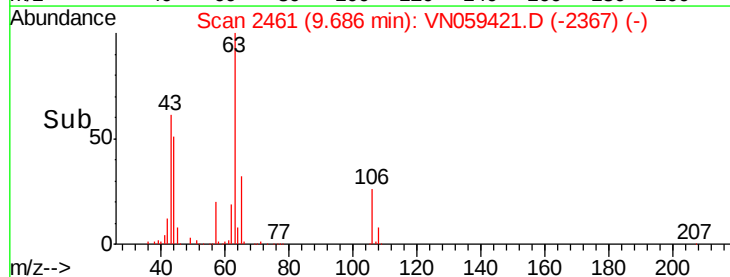
150000

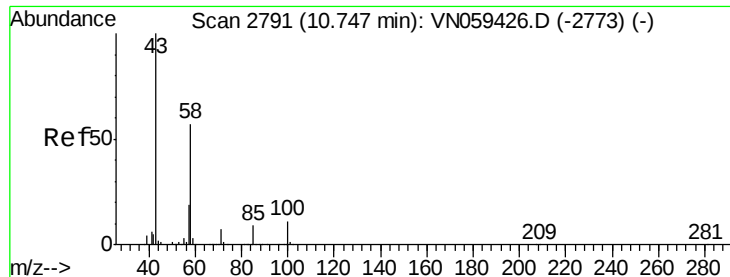
100000

50000

0

Time-->

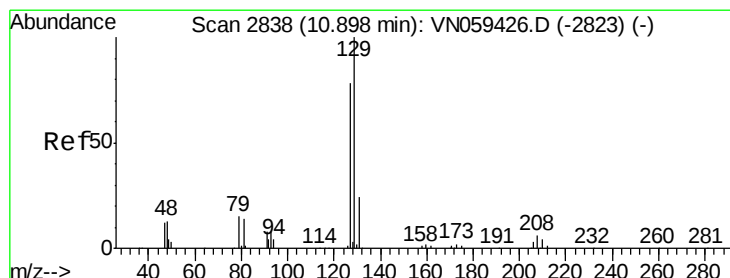
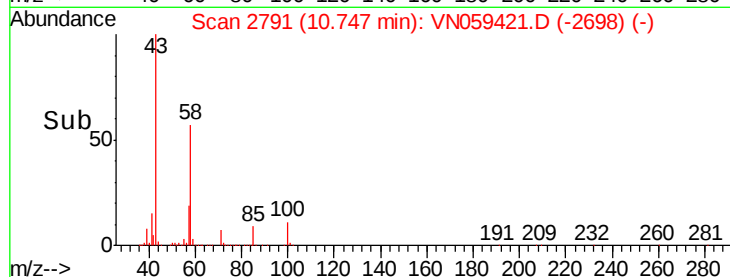
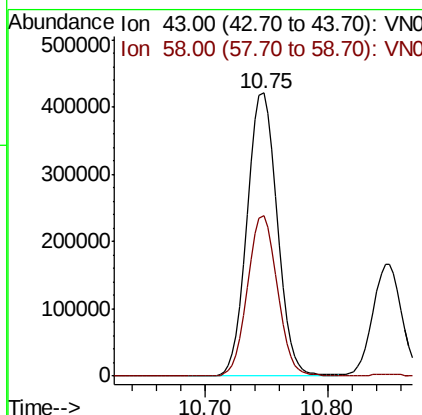
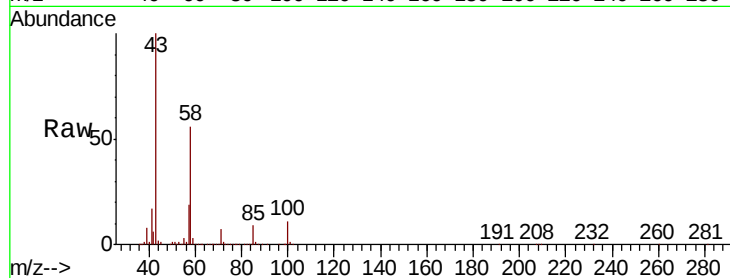




#59
2-Hexanone
Concen: 183.719 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

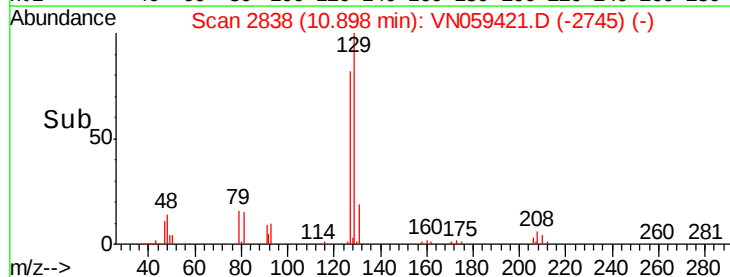
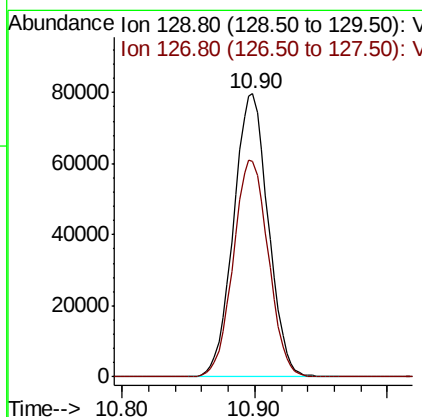
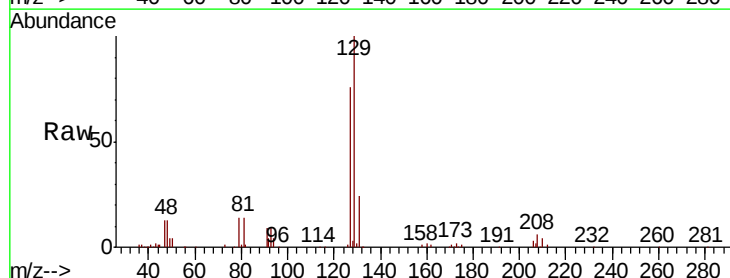
Instrument :
MSVOA_N
ClientSampled :

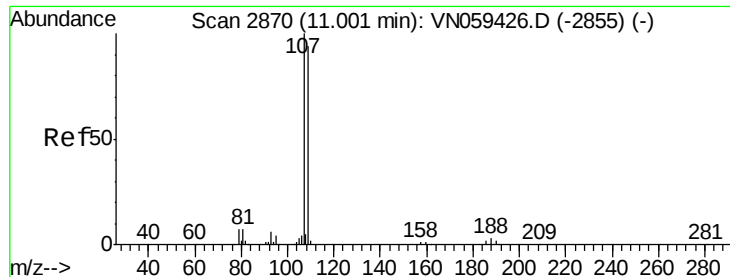
Tot Ion: 43 Resp: 715263
Ion Ratio Lower Upper
43 100
58 56.2 28.3 85.0



#60
Dibromochloromethane
Concen: 35.513 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 129 Resp: 144948
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 35.272 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

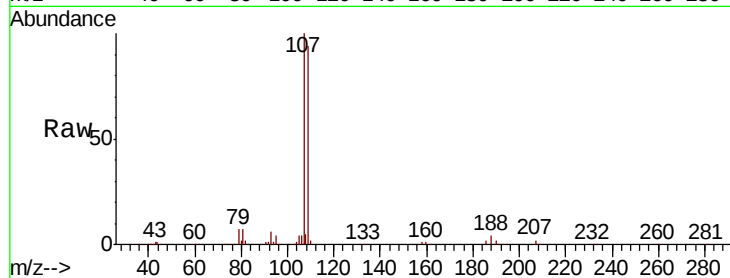
ClientSampleId :

Tot Ion:107 Resp: 141324

Ion Ratio Lower Upper

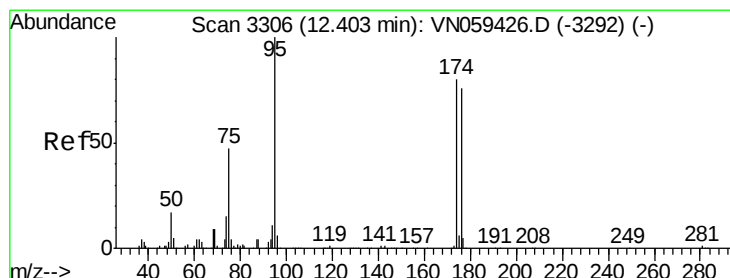
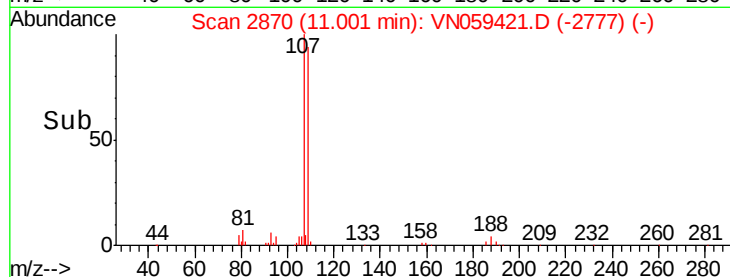
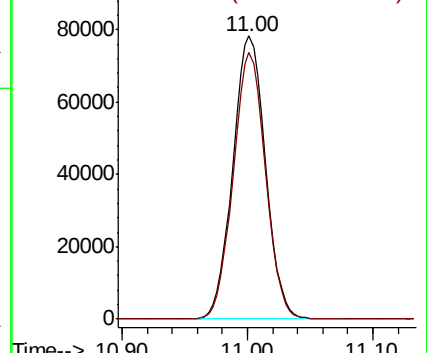
107 100

109 93.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.874 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

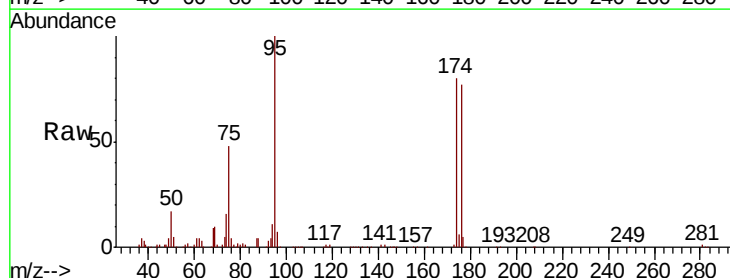
Tgt Ion: 95 Resp: 251769

Ion Ratio Lower Upper

95 100

174 79.8 0.0 158.0

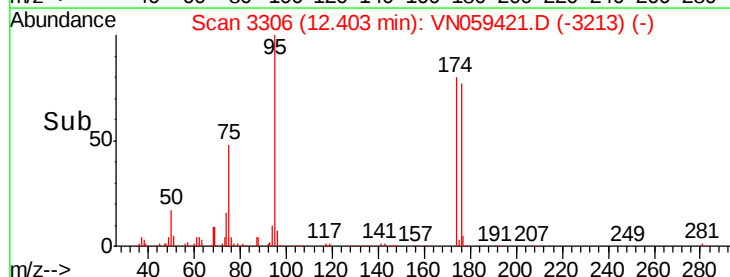
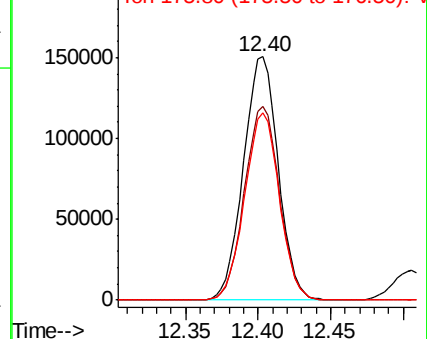
176 76.9 0.0 153.0

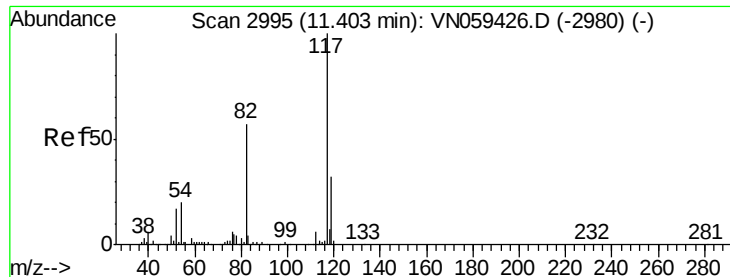


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampled :

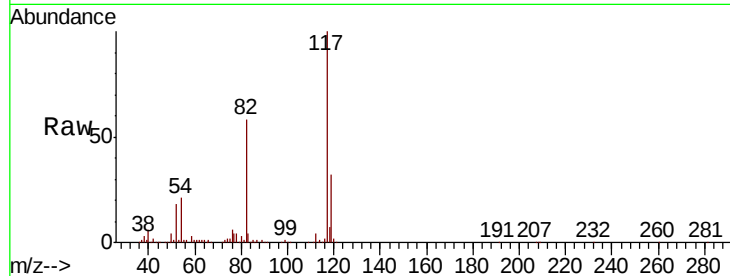
Tot Ion:117 Resp: 519860

Ion Ratio Lower Upper

117 100

82 57.6 45.4 68.0

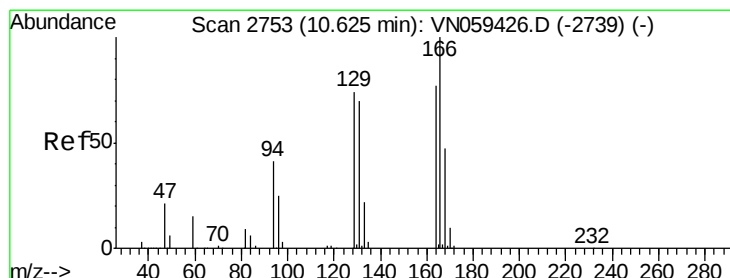
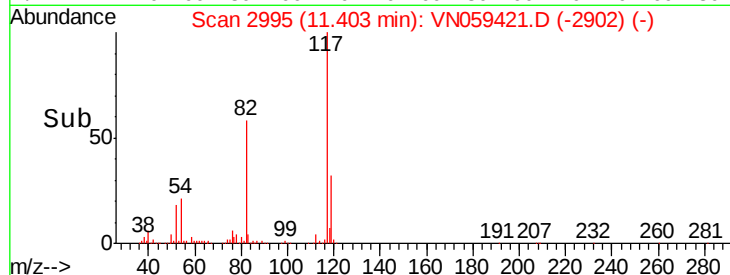
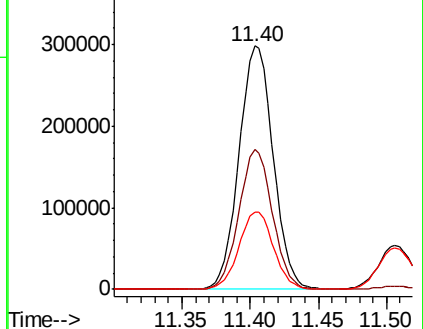
119 31.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 33.544 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Tgt Ion:164 Resp: 128983

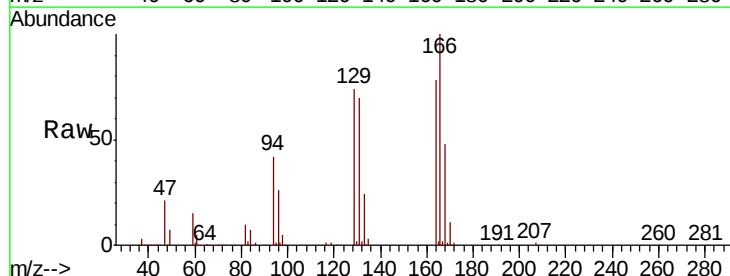
Ion Ratio Lower Upper

164 100

166 128.1 104.2 156.4

129 94.2 76.8 115.2

131 89.7 73.0 109.6

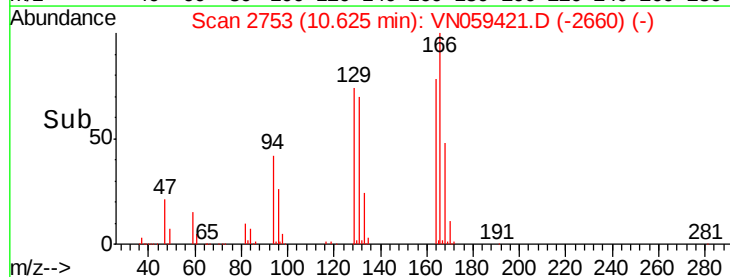
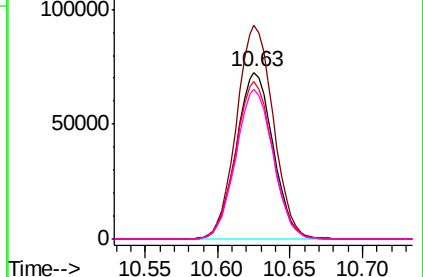


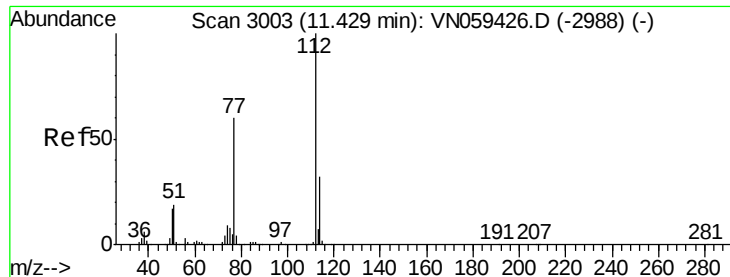
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 34.048 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

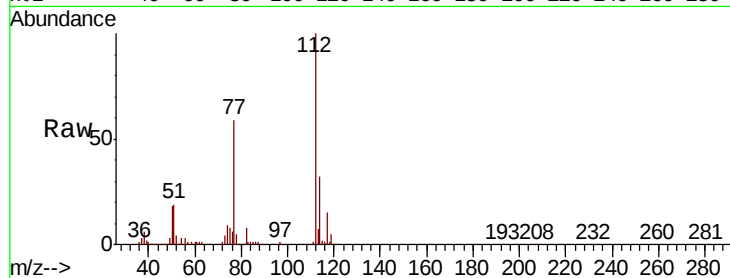
ClientSampleId :

Tot Ion:112 Resp: 358332

Ion Ratio Lower Upper

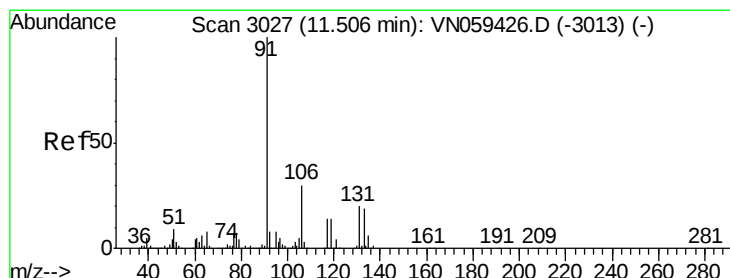
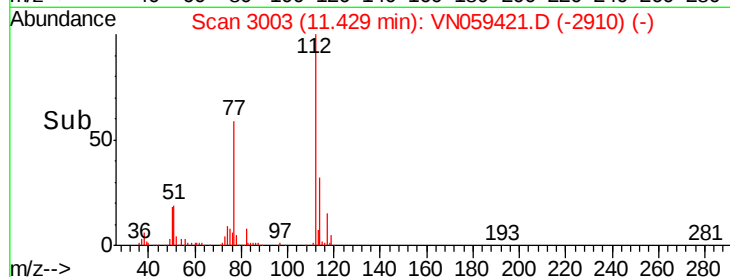
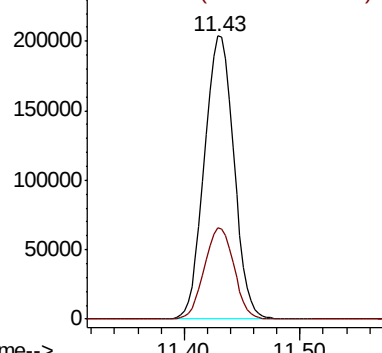
112 100

114 32.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 35.075 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

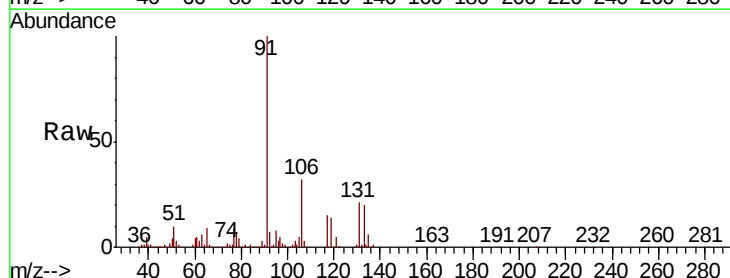
Tgt Ion:131 Resp: 133867

Ion Ratio Lower Upper

131 100

133 95.5 48.2 144.6

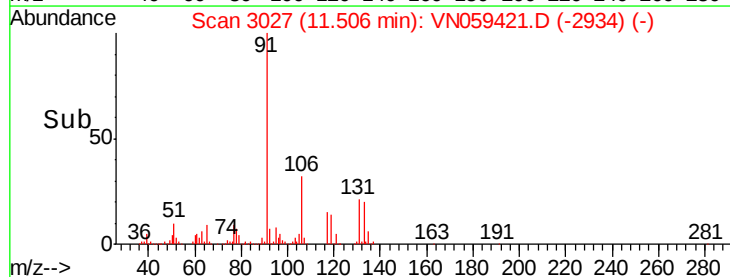
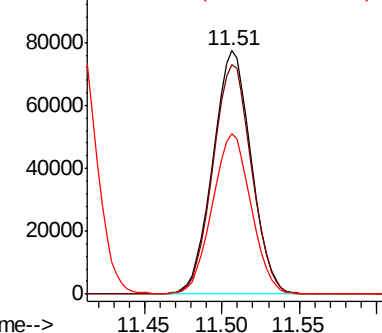
119 66.4 33.8 101.3

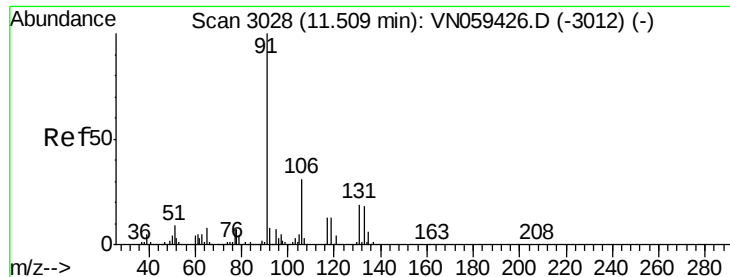


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 34.802 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

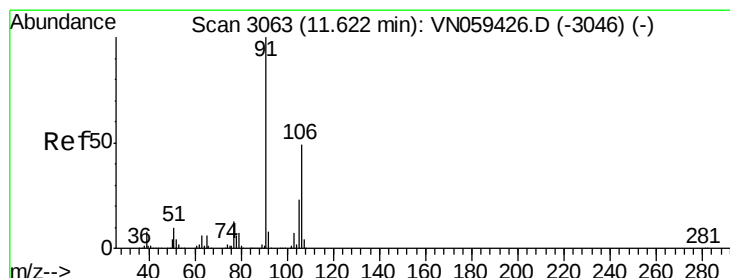
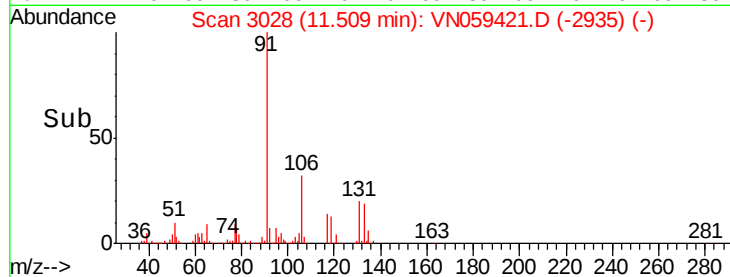
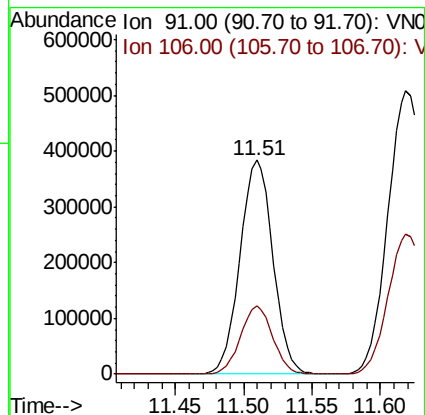
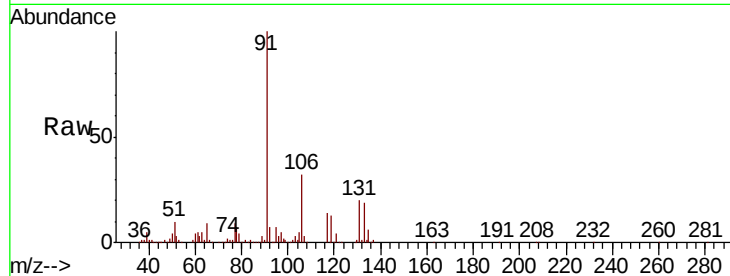
ClientSampled :

Tot Ion: 91 Resp: 643331

Ion Ratio Lower Upper

91 100

106 31.7 24.7 37.1



#68

m/p-Xylenes

Concen: 70.034 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059421.D

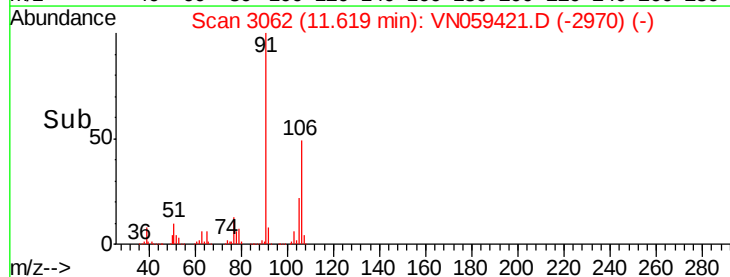
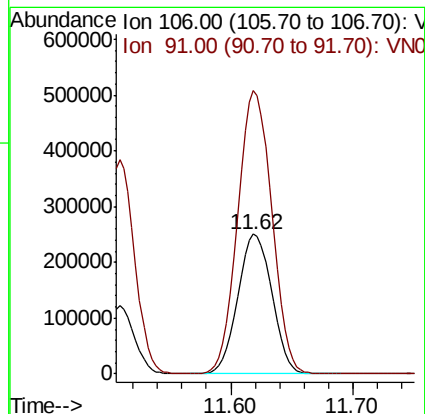
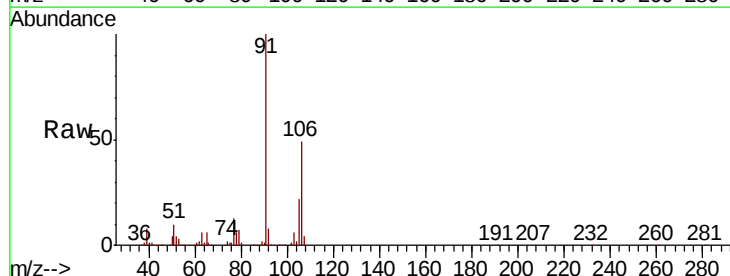
Acq: 27 Nov 2019 13:45

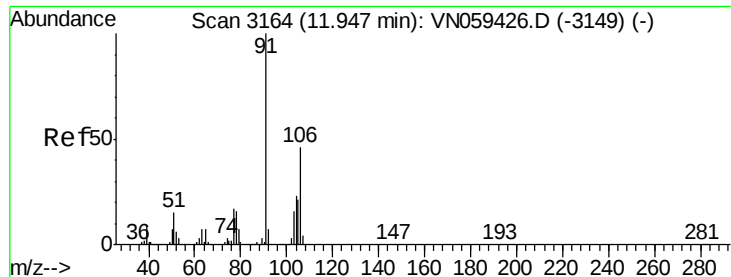
Tgt Ion: 106 Resp: 483363

Ion Ratio Lower Upper

106 100

91 203.3 163.7 245.5

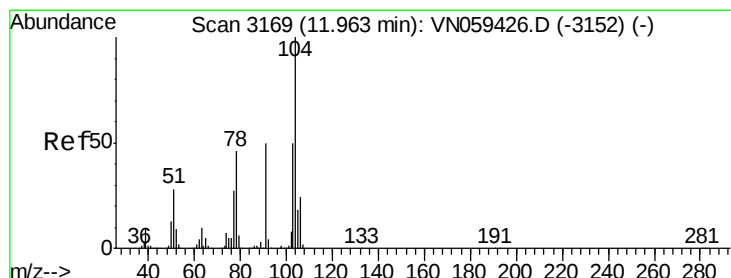
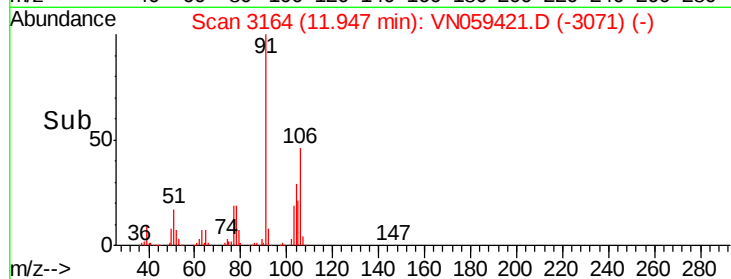
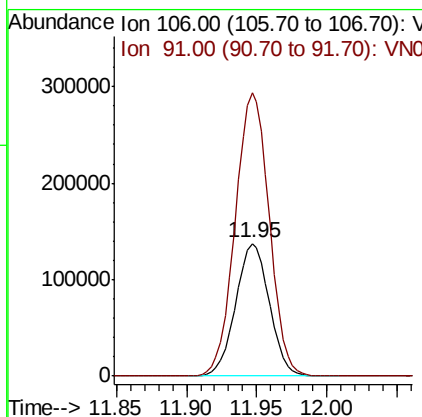
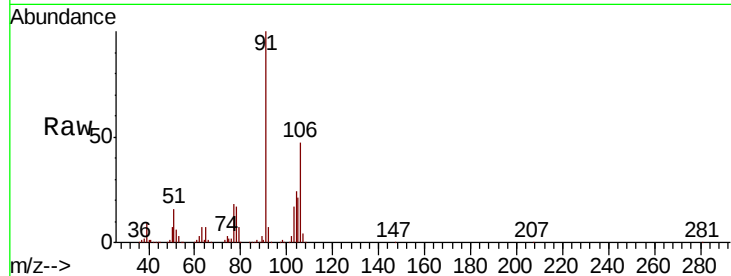




#69
o-Xylene
Concen: 34.704 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

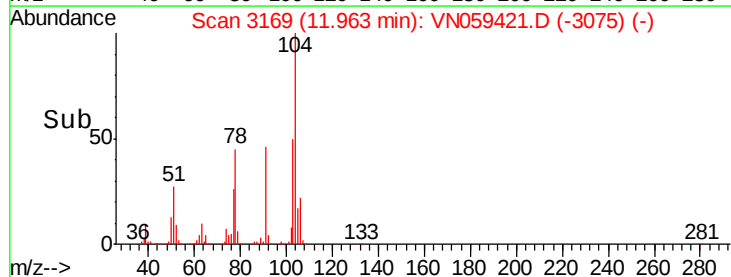
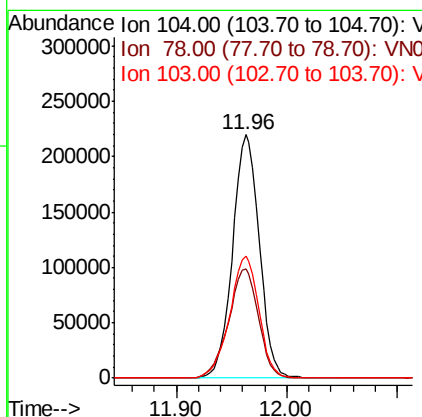
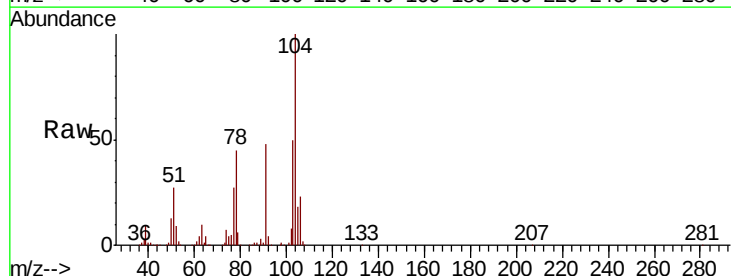
Instrument :
MSVOA_N
ClientSampled :

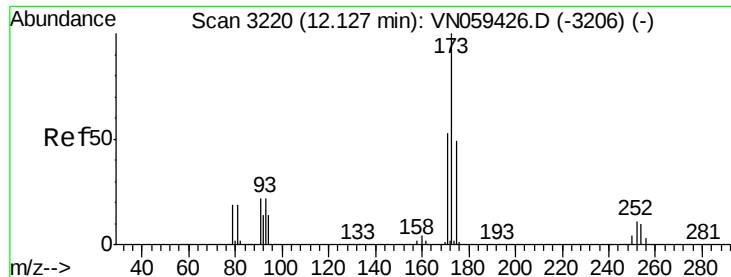
Tot Ion:106 Resp: 229706
Ion Ratio Lower Upper
106 100
91 216.1 107.5 322.4



#70
Styrene
Concen: 37.888 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion:104 Resp: 370026
Ion Ratio Lower Upper
104 100
78 50.0 40.4 60.6
103 54.7 43.8 65.6

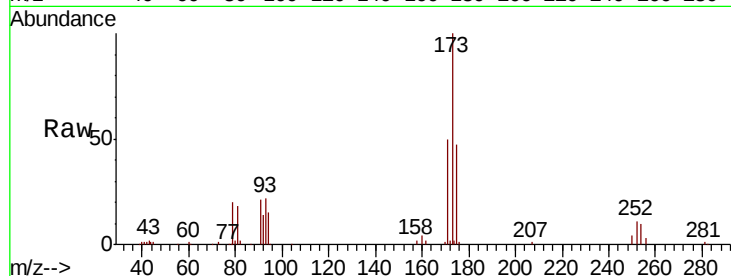




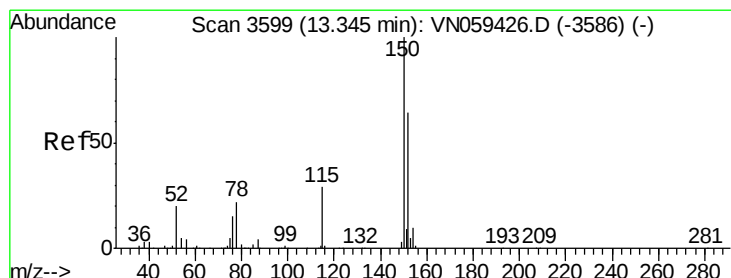
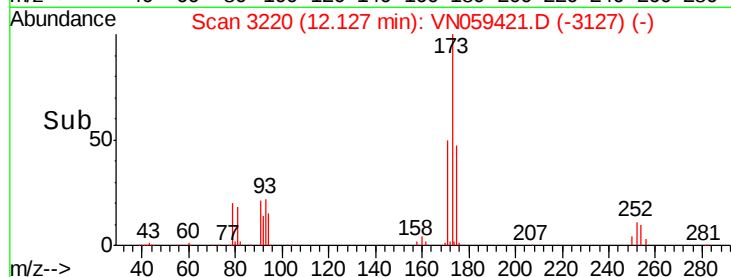
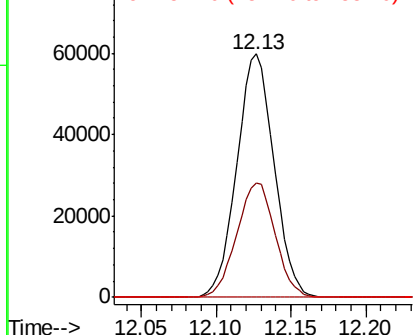
#71
Bromoform
Concen: 35.710 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 103775
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.3
254 0.0 0.0 0.0

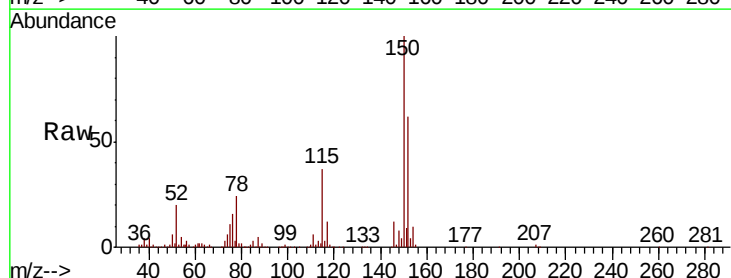


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

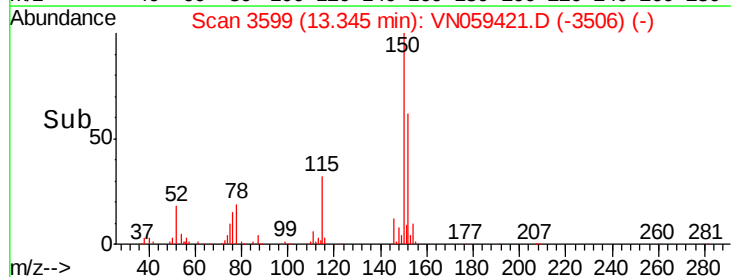
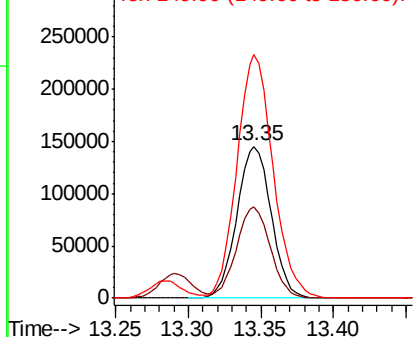


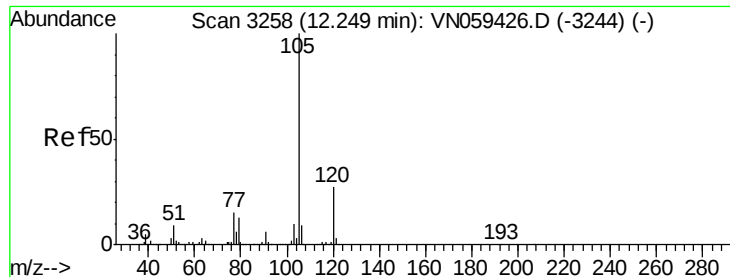
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion:152 Resp: 238971
Ion Ratio Lower Upper
152 100
115 59.2 29.5 88.6
150 168.5 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: 34.594 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

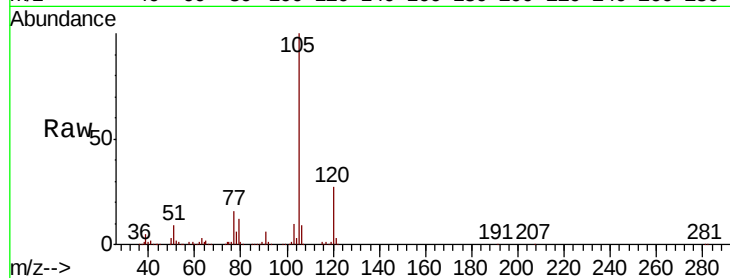
ClientSampleId :

Tot Ion: 105 Resp: 612433

Ion Ratio Lower Upper

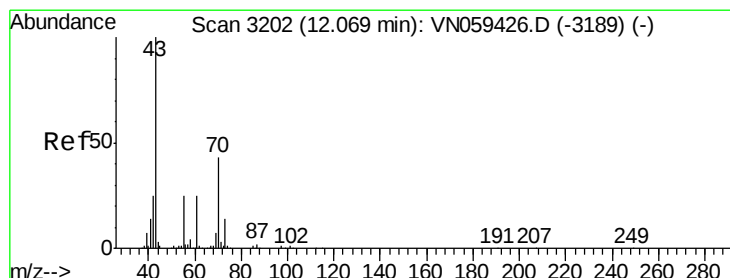
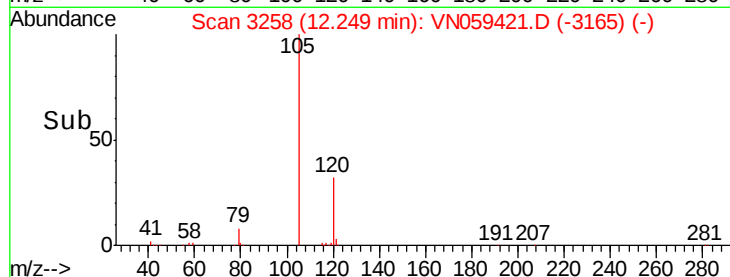
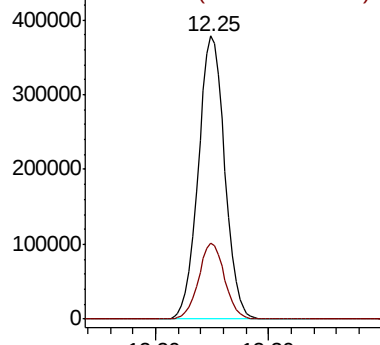
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 39.833 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Tgt Ion: 43 Resp: 244342

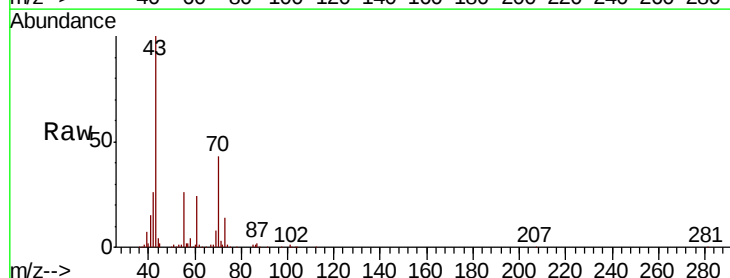
Ion Ratio Lower Upper

43 100

70 42.9 34.6 52.0

55 26.0 20.5 30.7

61 24.4 20.2 30.4

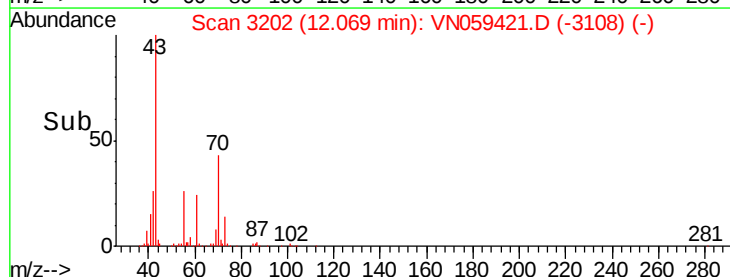
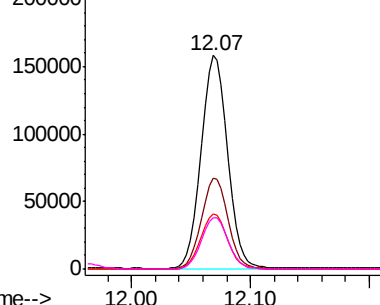


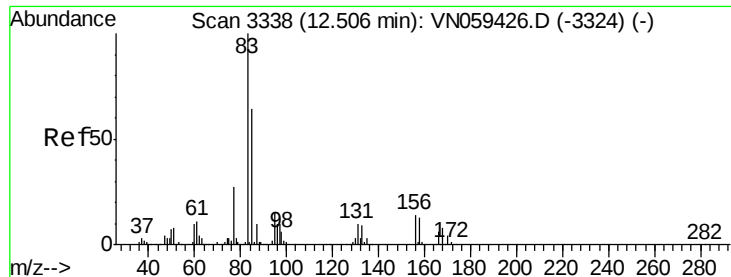
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 34.733 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampleId :

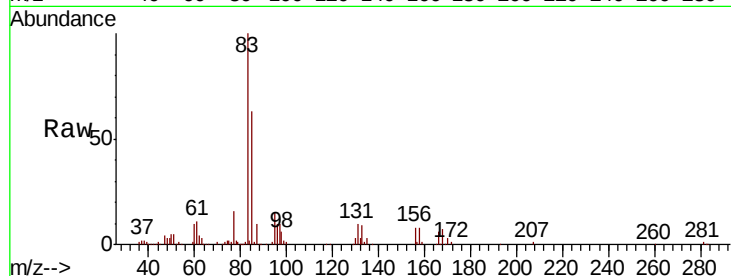
Tot Ion: 83 Resp: 200523

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	63.9	32.3	96.9

83 100

131 10.0 5.0 15.0

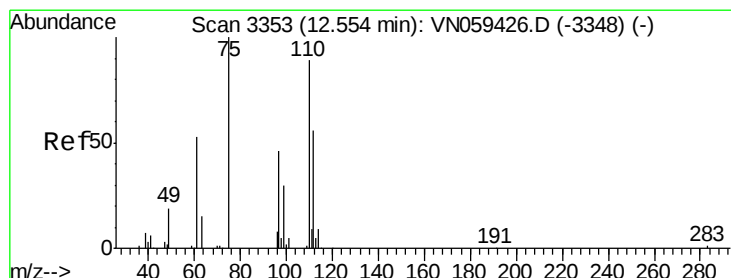
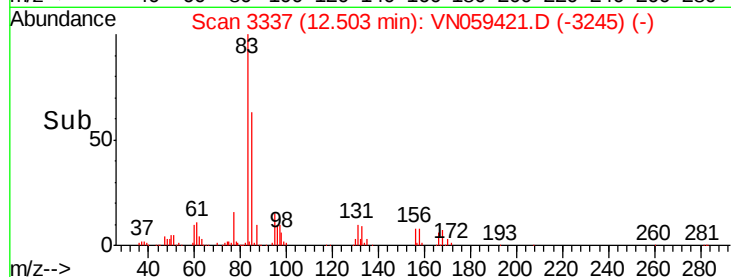
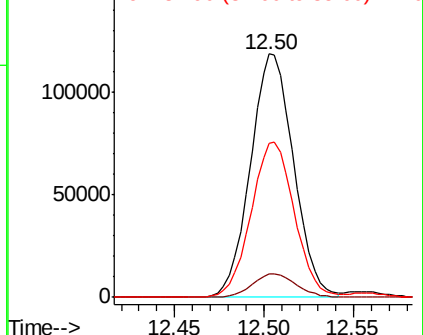
85 63.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN059421.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059421.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059421.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 48.824 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059421.D

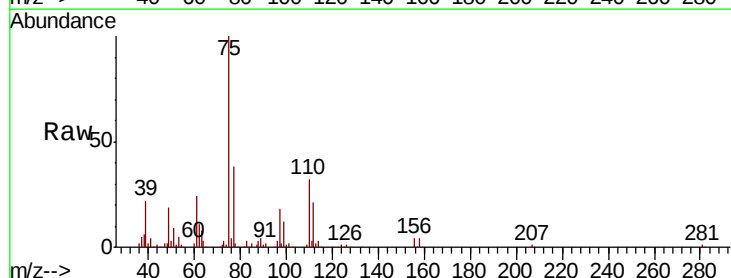
Acq: 27 Nov 2019 13:45

Tgt Ion: 75 Resp: 263949

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

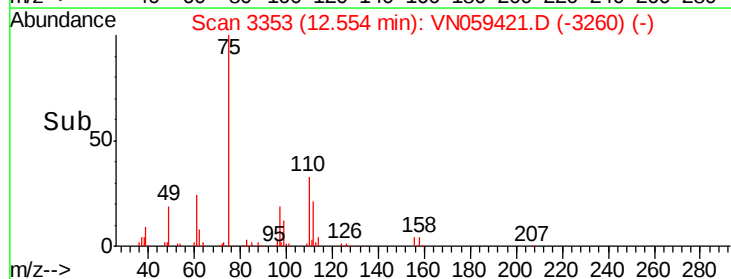
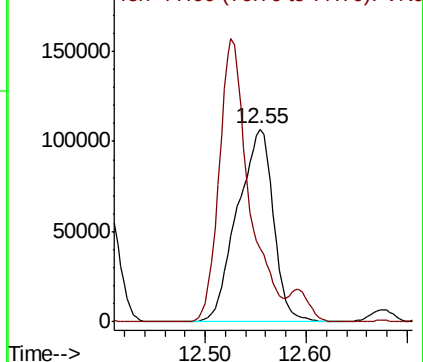
75 100

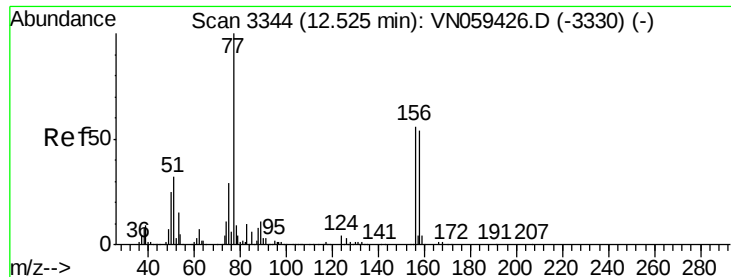
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059421.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059421.D (-3260) (-)





#77

Bromobenzene

Concen: 34.132 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampled :

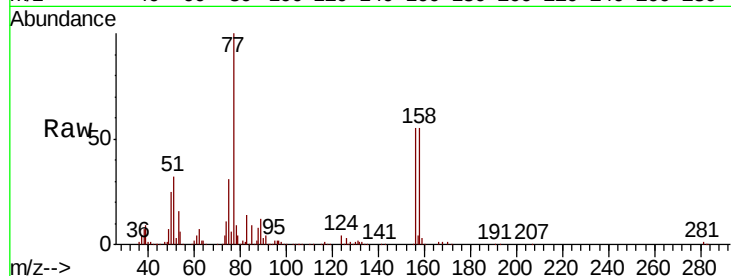
Tot Ion:156 Resp: 147938

Ion Ratio Lower Upper

156 100

77 219.2 108.7 326.3

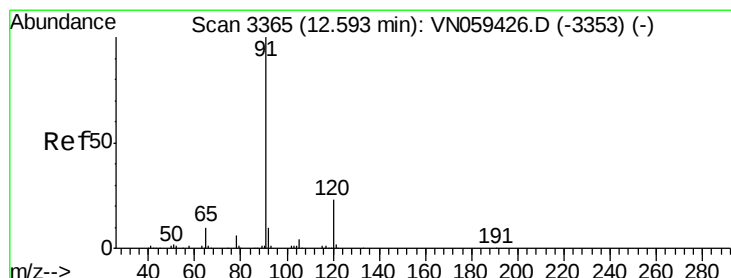
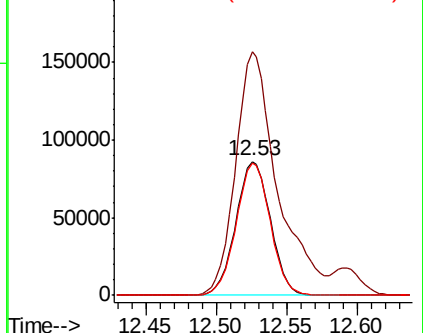
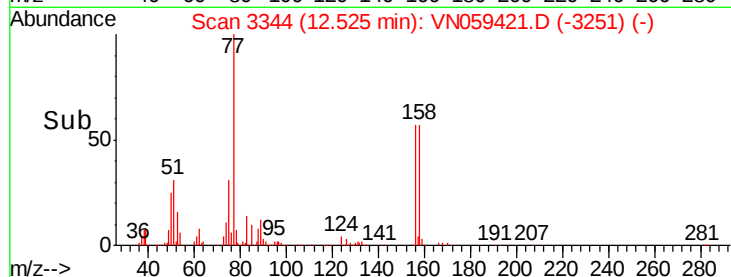
158 97.6 48.3 144.9



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: 34.829 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059421.D

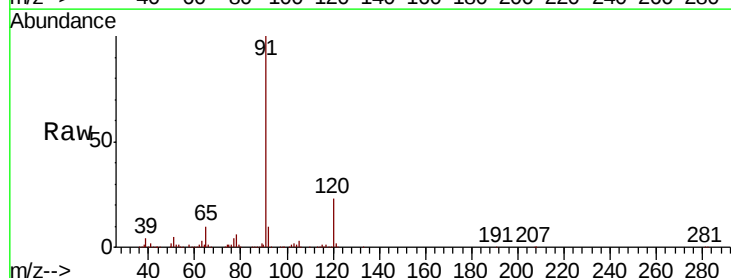
Acq: 27 Nov 2019 13:45

Tgt Ion: 91 Resp: 710533

Ion Ratio Lower Upper

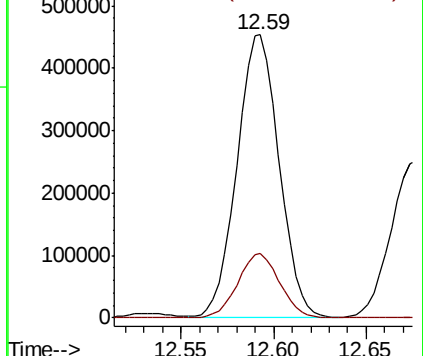
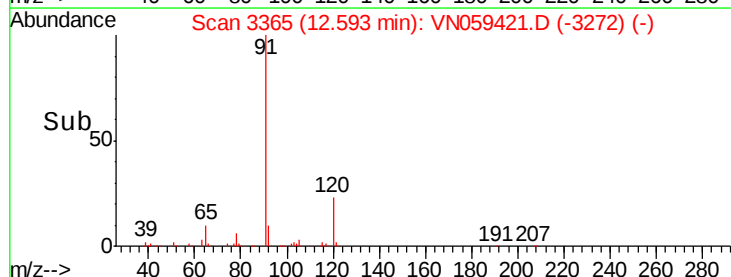
91 100

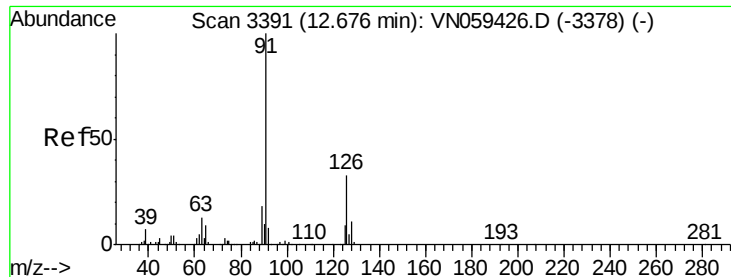
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 34.027 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

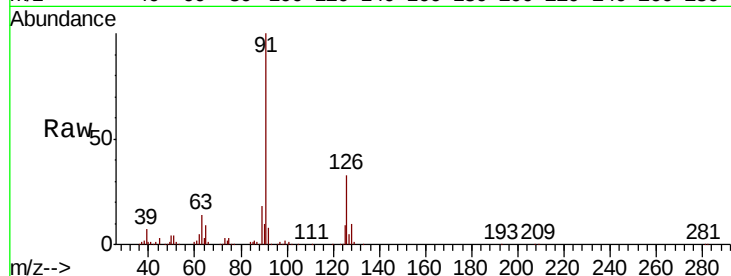
ClientSampled :

Tot Ion: 91 Resp: 415018

Ion Ratio Lower Upper

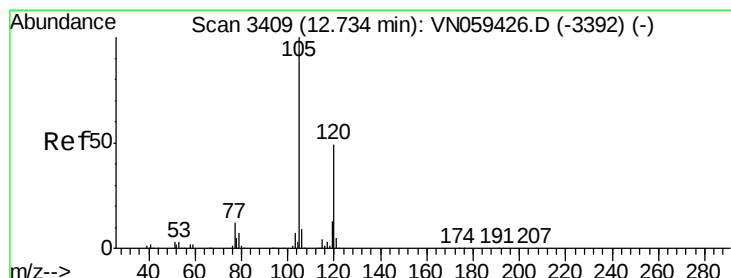
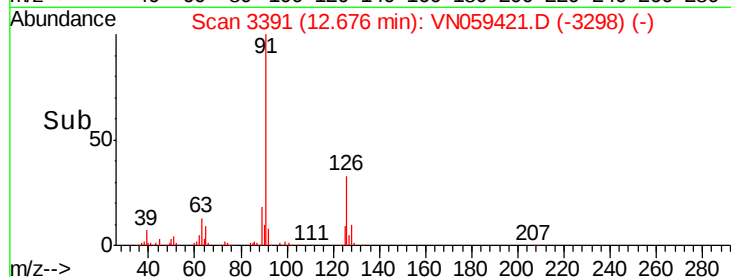
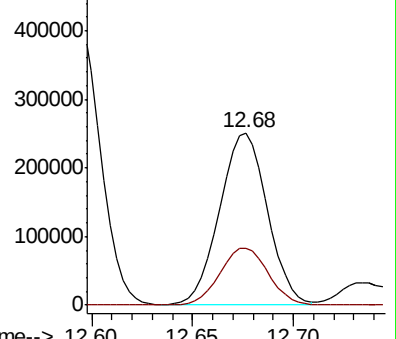
91 100

126 34.0 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059421.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059421.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 34.907 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059421.D

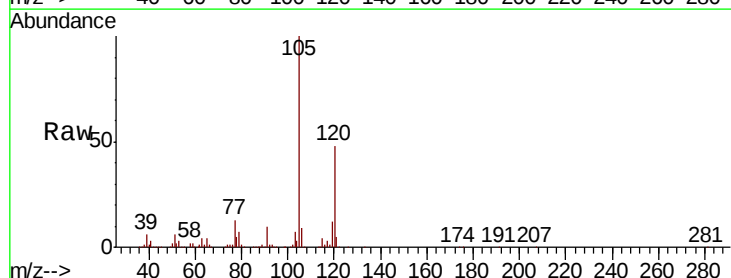
Acq: 27 Nov 2019 13:45

Tgt Ion: 105 Resp: 519458

Ion Ratio Lower Upper

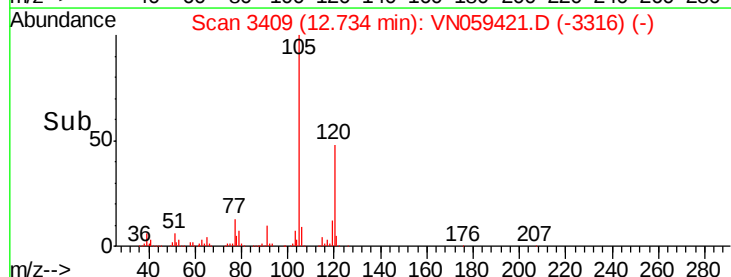
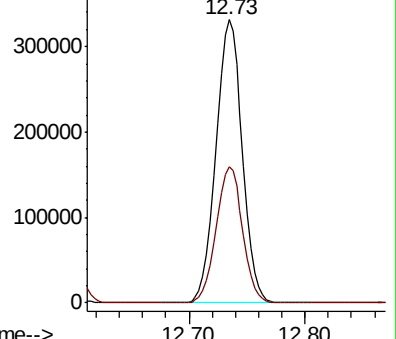
105 100

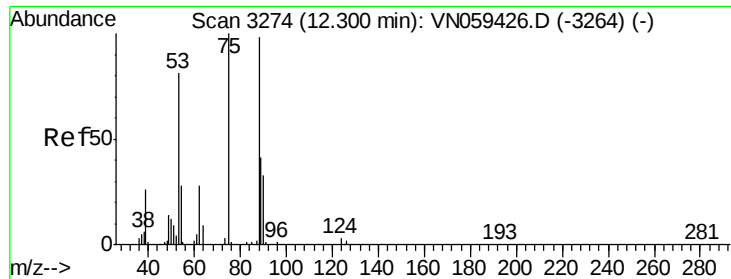
120 48.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VN059421.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN059421.D (-3392) (-)

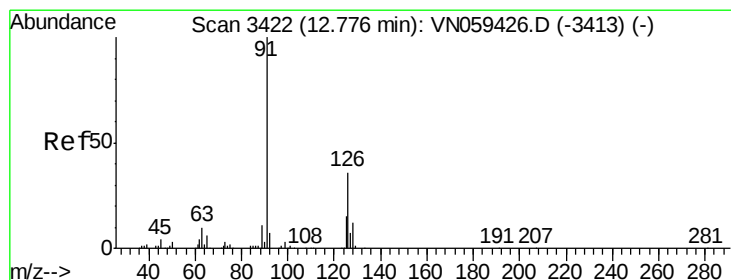
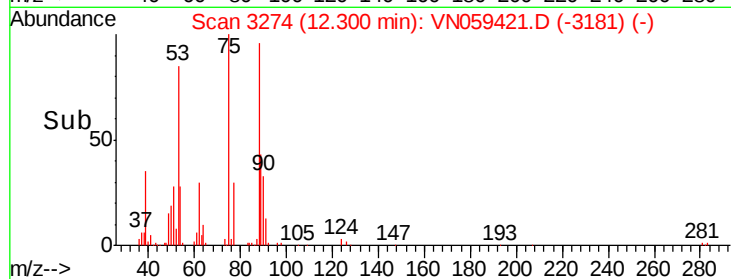
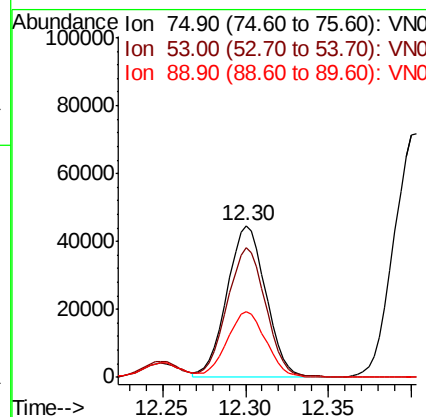
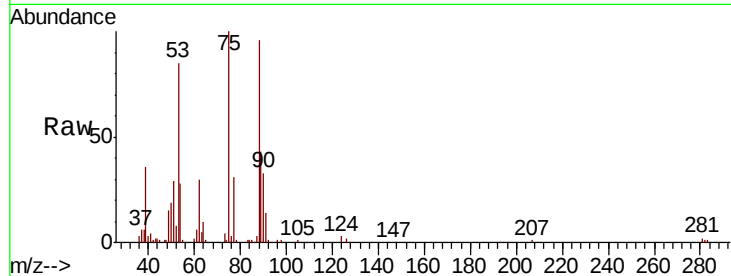




#81
trans-1,4-Dichloro-2-butene
Concen: 34.368 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

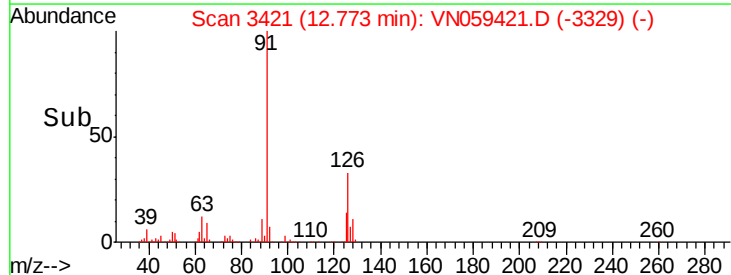
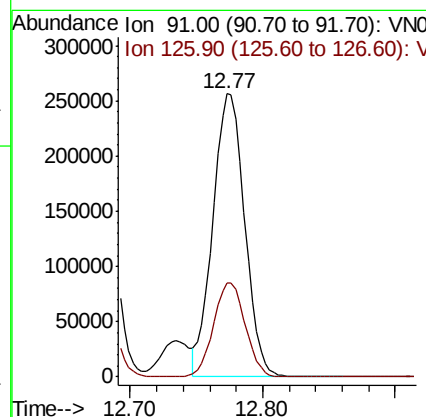
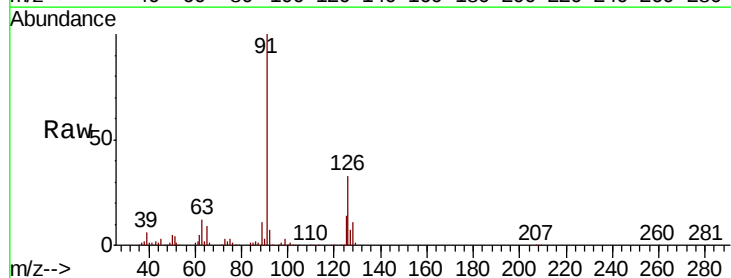
Instrument :
MSVOA_N
ClientSampled :

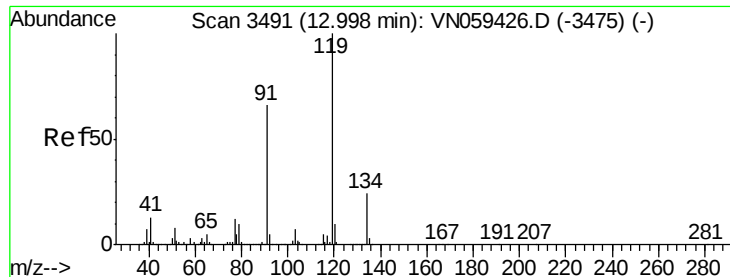
Tot Ion: 75 Resp: 72310
Ion Ratio Lower Upper
75 100
53 86.1 66.2 99.4
89 43.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 33.990 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 91 Resp: 426542
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 34.096 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampled :

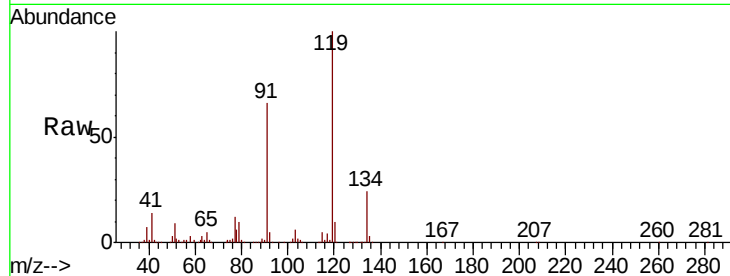
Tot Ion:119 Resp: 435676

Ion Ratio Lower Upper

119 100

91 64.9 32.8 98.4

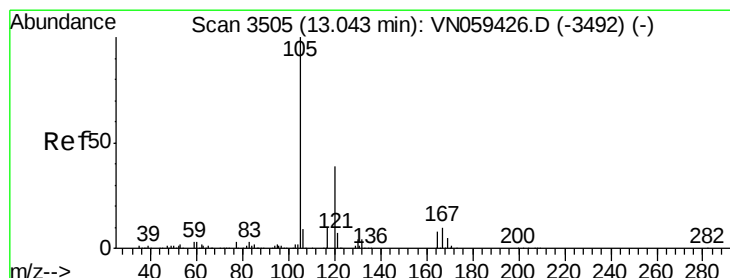
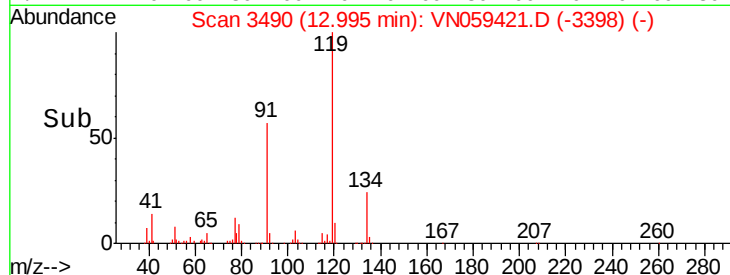
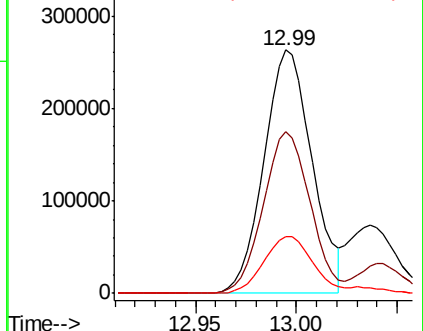
134 25.7 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 34.755 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059421.D

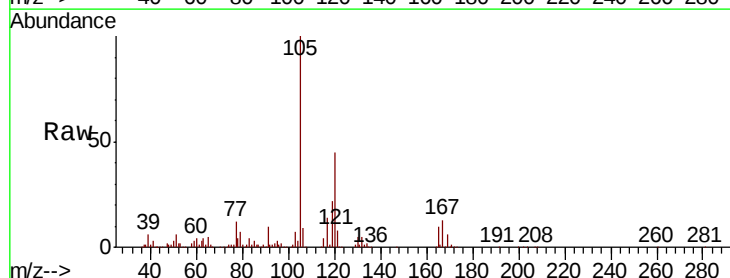
Acq: 27 Nov 2019 13:45

Tgt Ion:105 Resp: 506649

Ion Ratio Lower Upper

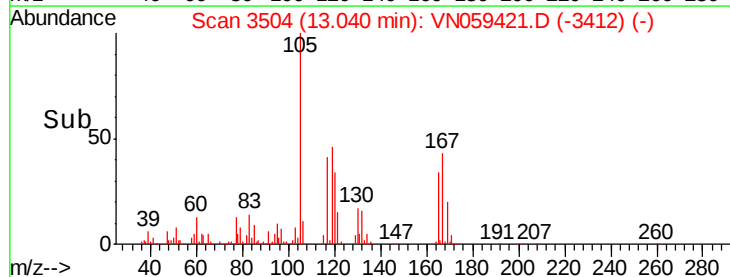
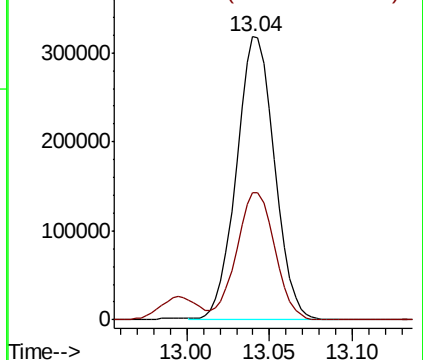
105 100

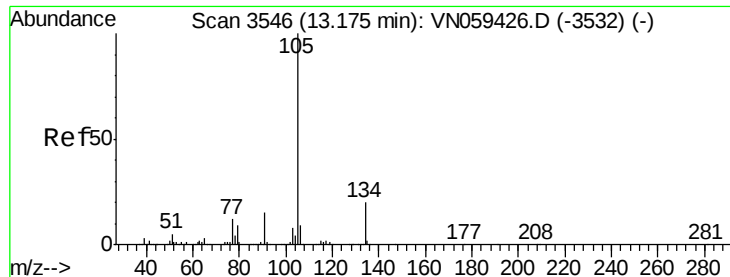
120 45.3 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

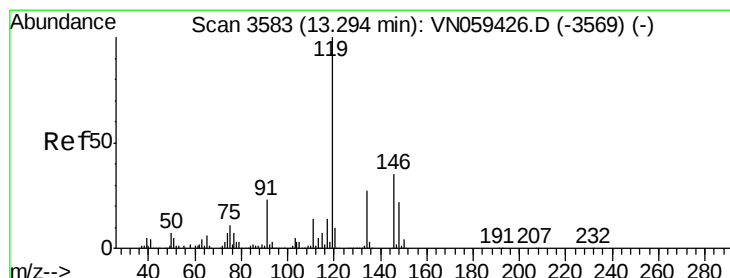
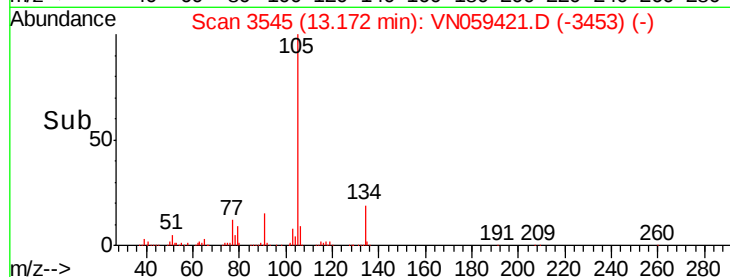
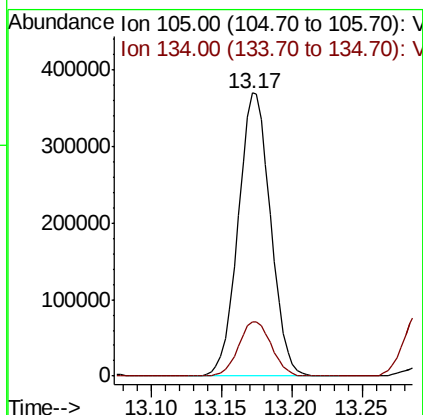
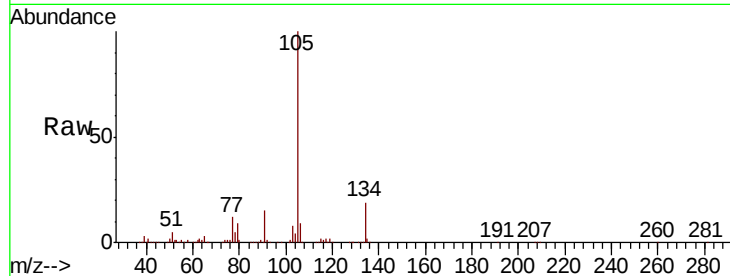




#85
 sec-Butylbenzene
 Concen: 34.948 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

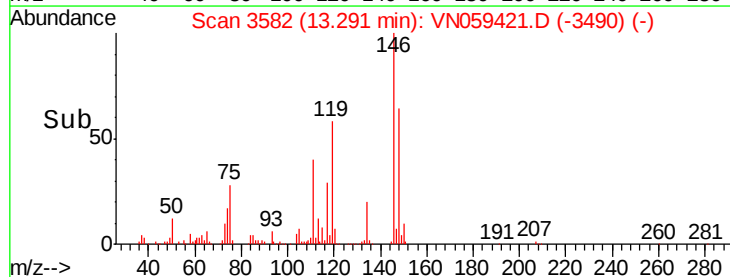
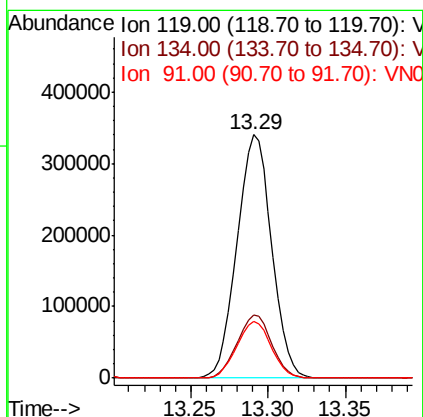
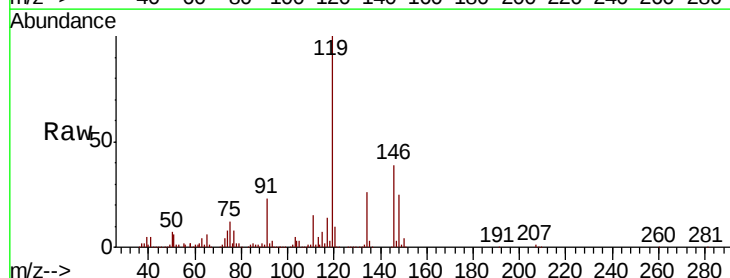
Instrument :
 MSVOA_N
 ClientSampled :

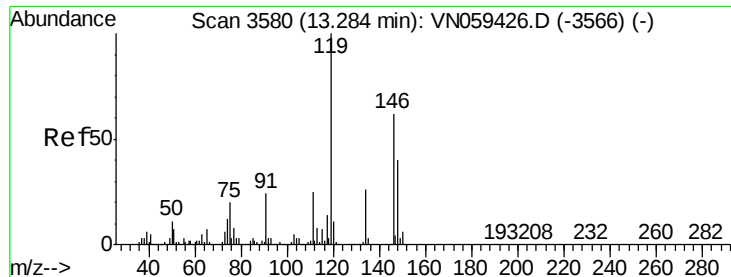
Tot Ion:105 Resp: 593022
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 34.363 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

Tgt Ion:119 Resp: 527148
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 33.835 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampled :

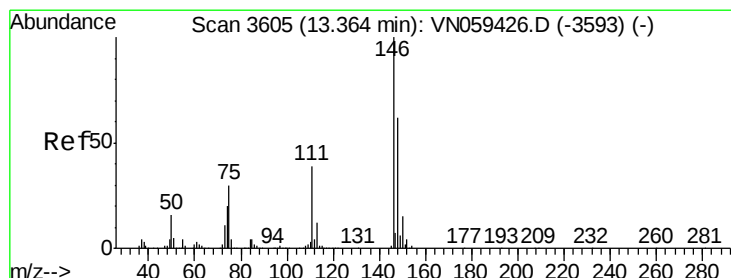
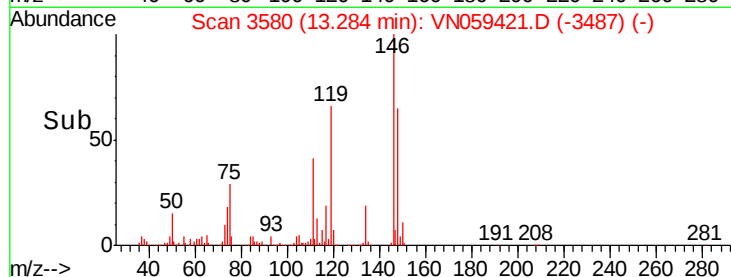
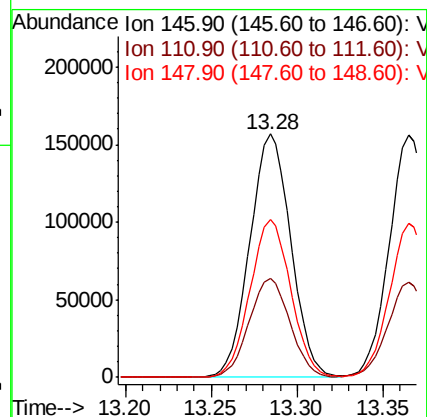
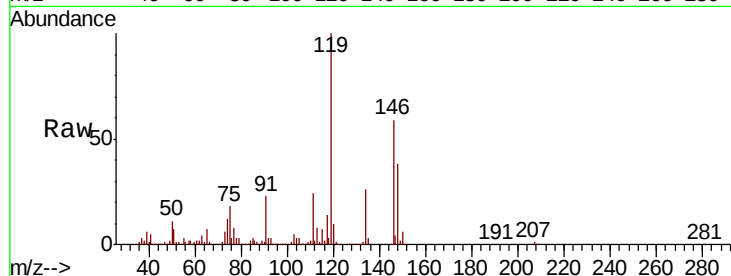
Tot Ion:146 Resp: 259893

Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.2

148 64.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 33.249 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

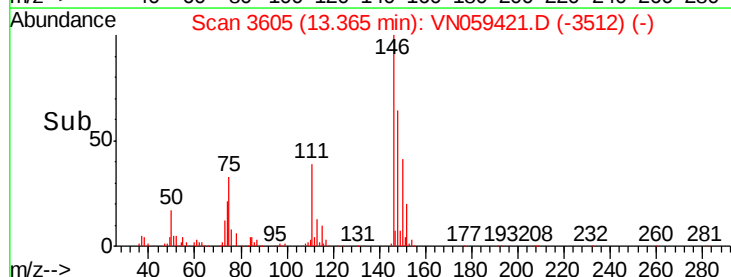
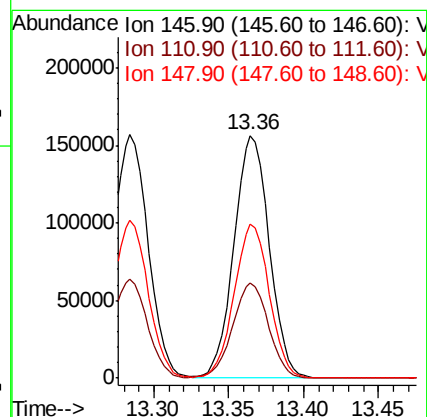
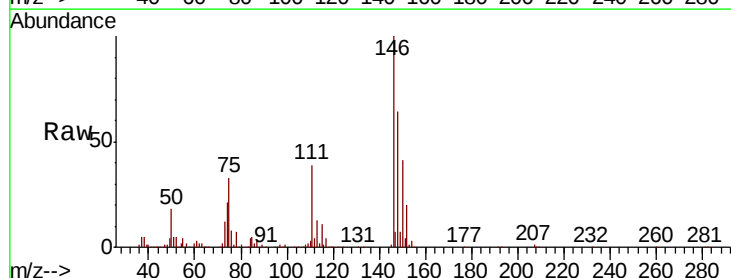
Tgt Ion:146 Resp: 256398

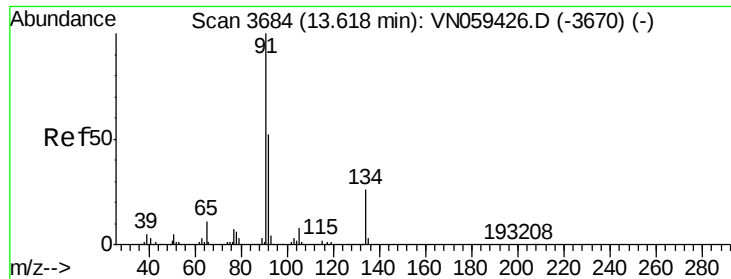
Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 63.2 31.6 95.0

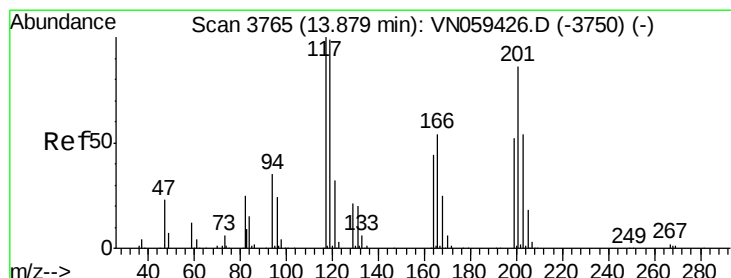
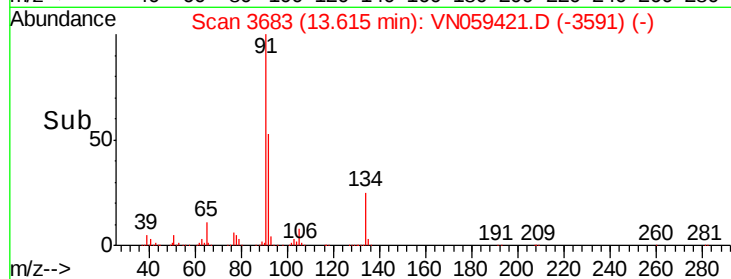
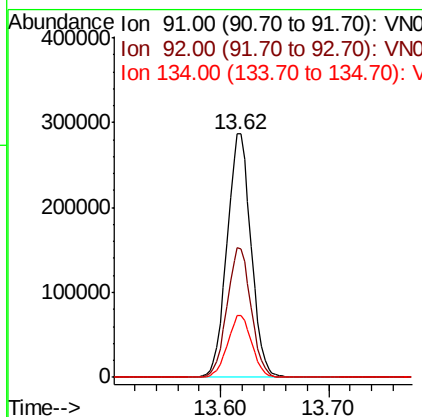
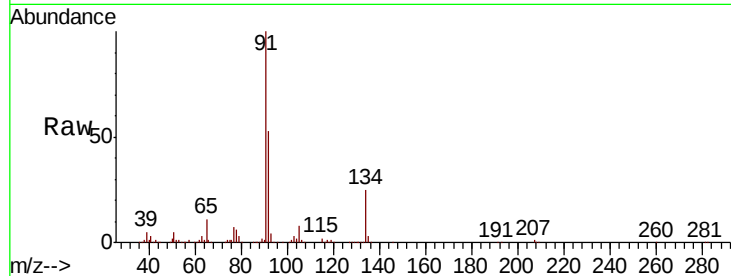




#89
n-Butylbenzene
Concen: 33.181 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

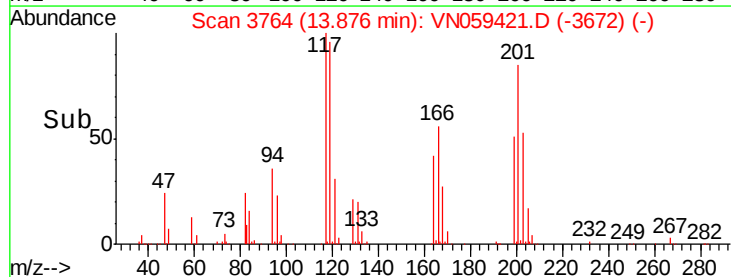
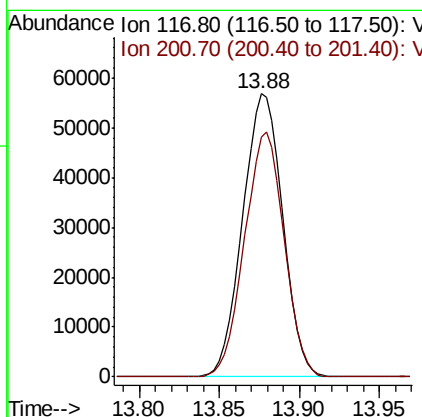
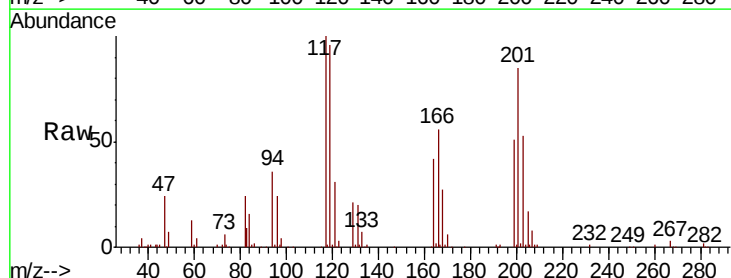
Instrument :
MSVOA_N
ClientSampleId :

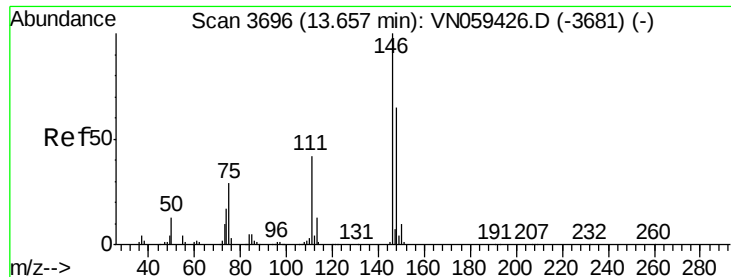
Tot Ion: 91 Resp: 444960
Ion Ratio Lower Upper
91 100
92 53.1 25.9 77.8
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 33.239 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059421.D
Acq: 27 Nov 2019 13:45

Tgt Ion: 117 Resp: 97459
Ion Ratio Lower Upper
117 100
201 85.3 42.1 126.4





#91

1,2-Dichlorobenzene

Concen: 33.312 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampleId :

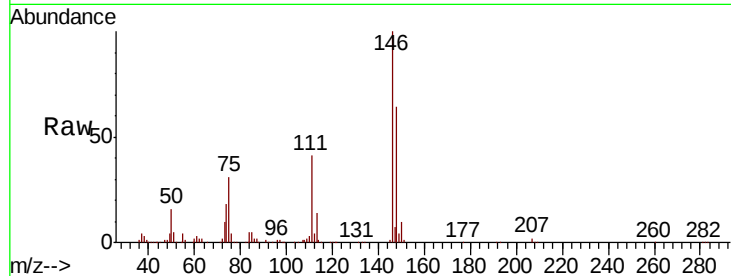
Tot Ion:146 Resp: 250721

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.7

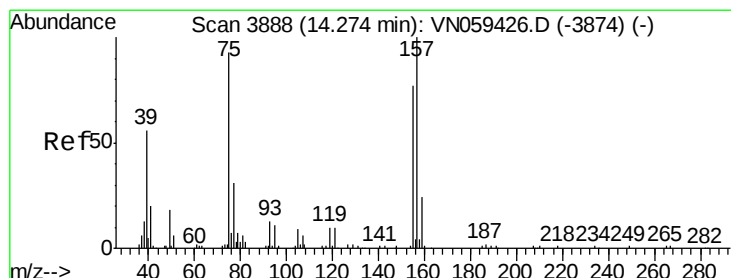
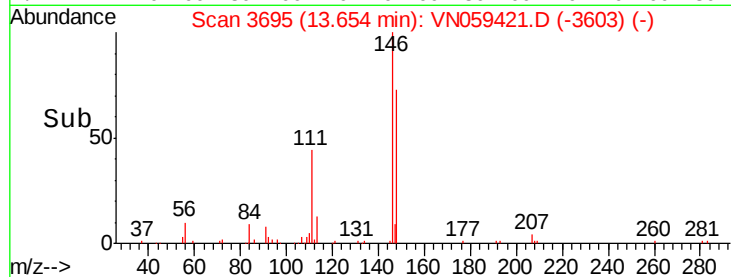
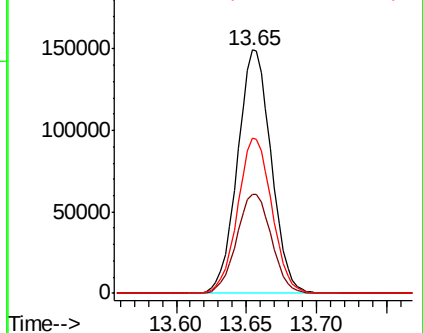
148 64.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.193 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

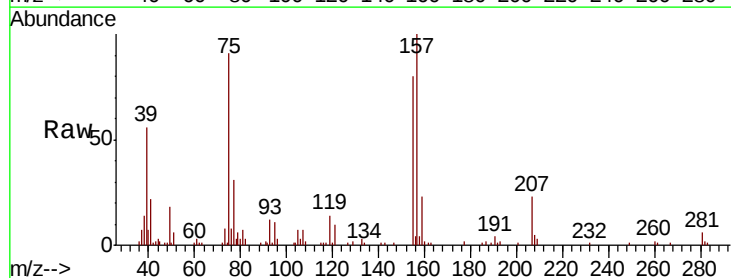
Tgt Ion: 75 Resp: 39291

Ion Ratio Lower Upper

75 100

155 85.7 41.9 125.8

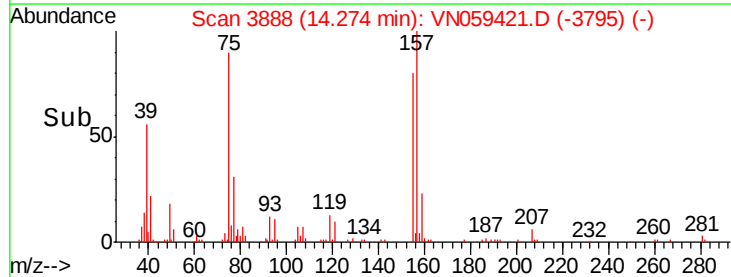
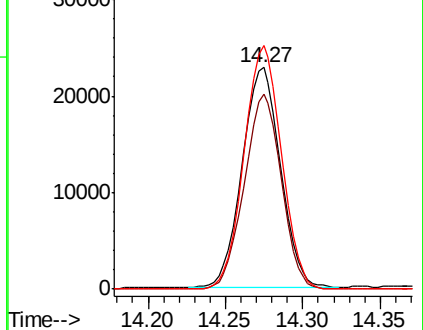
157 108.0 54.1 162.3

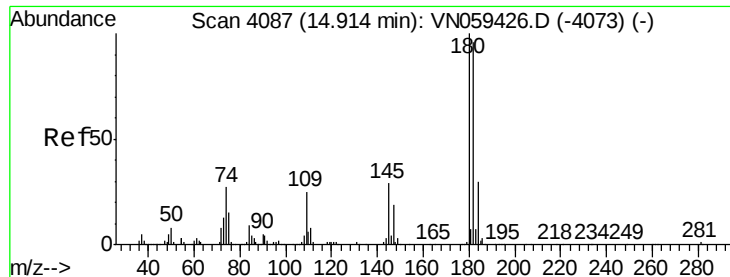


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

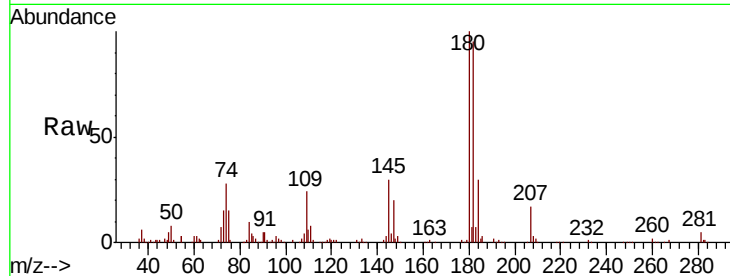




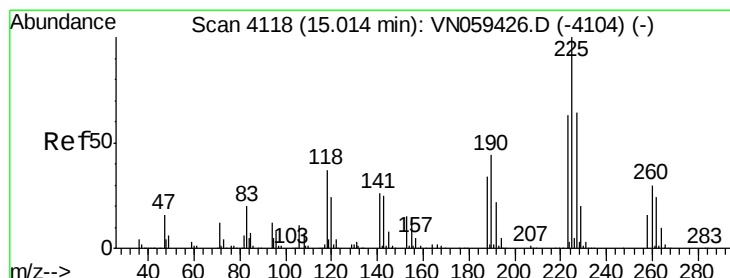
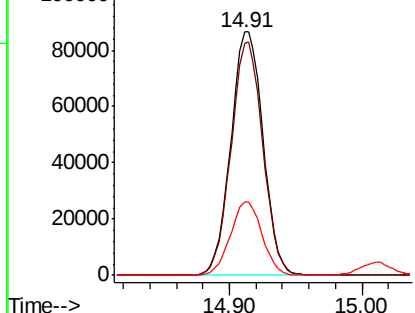
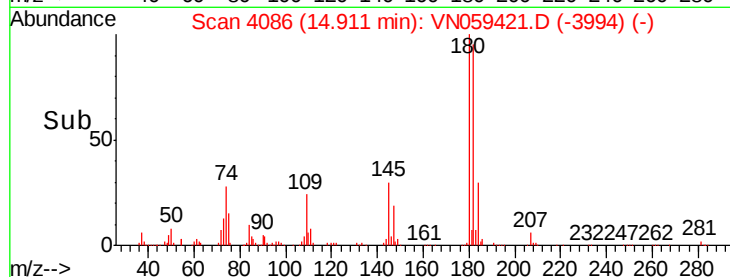
#93
 1,2,4-Trichlorobenzene
 Concen: 31.213 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 146033
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 142.0
 145 29.7 14.8 44.4

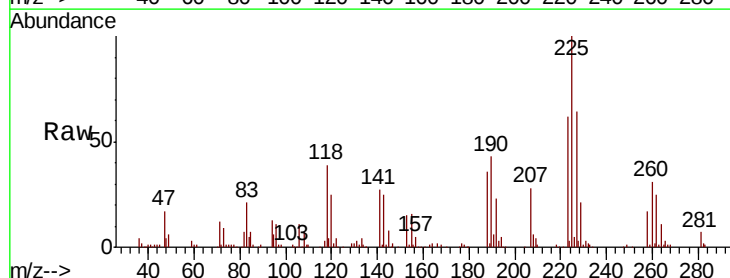


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

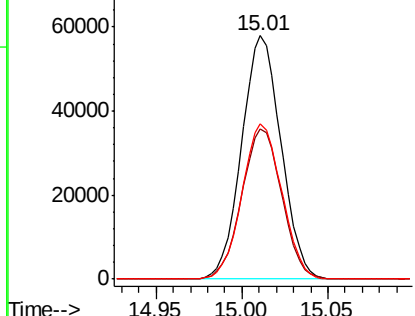
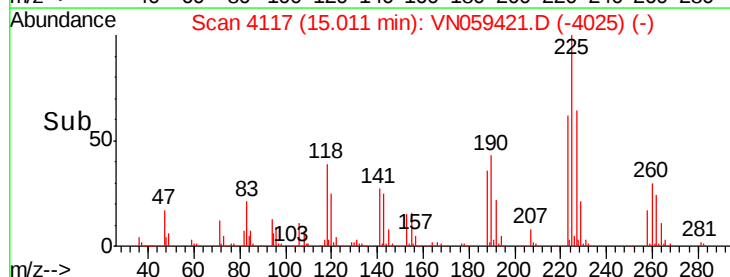


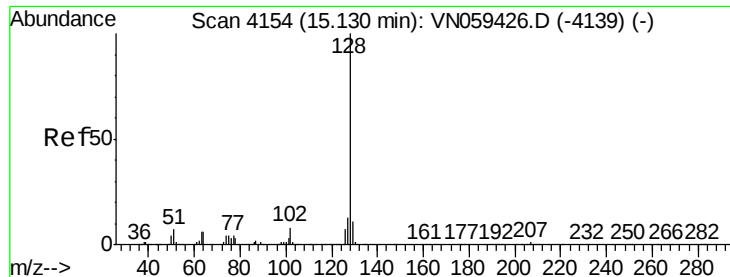
#94
 Hexachlorobutadiene
 Concen: 32.139 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059421.D
 Acq: 27 Nov 2019 13:45

Tgt Ion:225 Resp: 92150
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.5 94.5
 227 64.4 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 38.456 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_N

ClientSampleId :

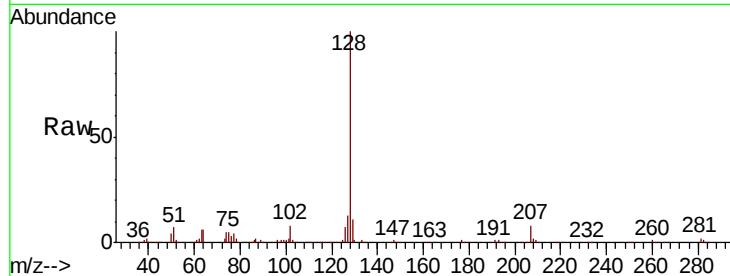
Tot Ion:128 Resp: 384790

Ion Ratio Lower Upper

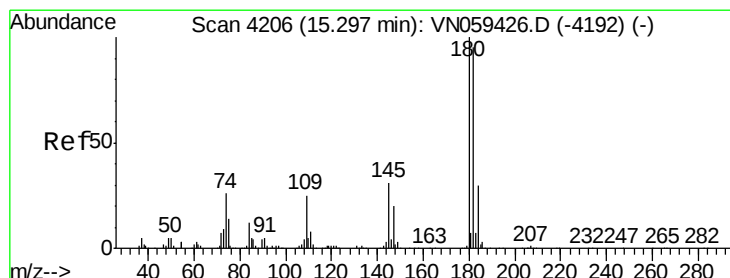
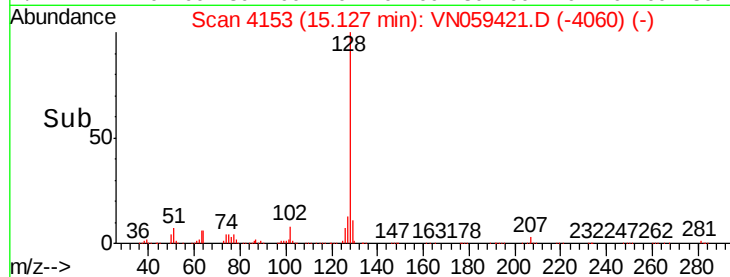
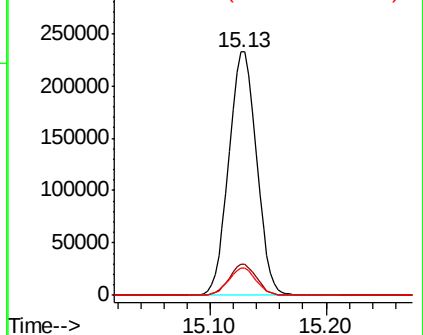
128 100

127 12.5 10.1 15.1

129 11.0 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 38.310 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059421.D

Acq: 27 Nov 2019 13:45

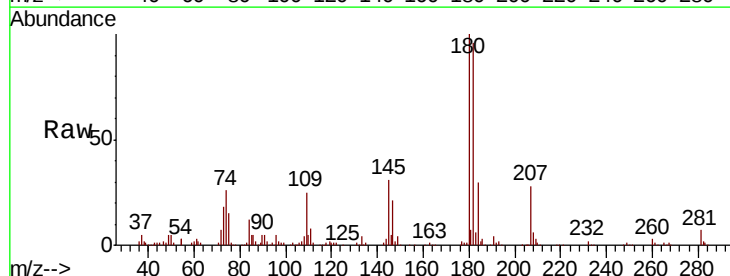
Tgt Ion:180 Resp: 148270

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.6

145 31.8 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

