

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
 Data File : VN059065.D
 Acq On : 1 Nov 2019 16:20
 Operator : JC/SP
 Sample : VN1101WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 06:05:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	438027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	699383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	629951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	289701	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.57	113	218184	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.08	98	871971	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	303000	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	91618	19.345	ug/l	100
3) Chloromethane	2.04	50	126812	19.748	ug/l	98
4) Vinyl Chloride	2.17	62	124079	19.906	ug/l	98
5) Bromomethane	2.55	94	71864	19.501	ug/l	99
6) Chloroethane	2.69	64	73280	19.196	ug/l	98
7) Trichlorofluoromethane	3.00	101	150045	20.257	ug/l	98
8) Diethyl Ether	3.39	74	56556	19.552	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	84870	19.440	ug/l	98
10) Methyl Iodide	3.93	142	101853	19.194	ug/l	97
11) Tert butyl alcohol	4.75	59	95930	89.349	ug/l	99
12) 1,1-Dichloroethene	3.72	96	84300	19.416	ug/l	98
13) Acrolein	3.58	56	67799	100.076	ug/l	99
14) Allyl chloride	4.30	41	166566	19.360	ug/l	98
15) Acrylonitrile	4.96	53	269068	99.903	ug/l	98
16) Acetone	3.79	43	268374	91.380	ug/l	98
17) Carbon Disulfide	4.03	76	260944	18.904	ug/l	98
18) Methyl Acetate	4.30	43	138130	18.565	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	291080	19.683	ug/l	99
20) Methylene Chloride	4.53	84	100011	19.452	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	89421	19.184	ug/l	99
22) Diisopropyl ether	5.92	45	331284	20.215	ug/l	94
23) Vinyl Acetate	5.87	43	1376781	105.481	ug/l	100
24) 1,1-Dichloroethane	5.82	63	183851	19.623	ug/l	98
25) 2-Butanone	6.81	43	373122	95.413	ug/l	99
26) 2,2-Dichloropropane	6.80	77	151529	18.633	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	102103	19.454	ug/l	99
28) Bromochloromethane	7.17	49	51122	17.679	ug/l	99
29) Tetrahydrofuran	7.19	42	245264	99.378	ug/l	99
30) Chloroform	7.35	83	175476	19.586	ug/l	99
31) Cyclohexane	7.63	56	168642	18.871	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	150265	19.824	ug/l	99
36) 1,1-Dichloropropene	7.77	75	130071	18.712	ug/l	100
37) Ethyl Acetate	6.90	43	149018	19.295	ug/l	99
38) Carbon Tetrachloride	7.75	117	131482	19.409	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
 Data File : VN059065.D
 Acq On : 1 Nov 2019 16:20
 Operator : JC/SP
 Sample : VN1101WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 06:05:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	154200	19.193	ug/l	99
40) Benzene	8.02	78	408483	19.802	ug/l	99
41) Methacrylonitrile	7.18	41	217284	65.062	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	140290	19.582	ug/l	98
43) Isopropyl Acetate	8.15	43	230138	19.055	ug/l	99
44) Trichloroethene	8.82	130	97562	19.222	ug/l	97
45) 1,2-Dichloropropane	9.10	63	109704	19.664	ug/l	99
46) Dibromomethane	9.19	93	67578	19.599	ug/l	98
47) Bromodichloromethane	9.39	83	135933	19.466	ug/l	100
48) Methyl methacrylate	9.19	41	105006	19.068	ug/l	98
49) 1,4-Dioxane	9.19	88	31727	353.182	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	741773	105.723	ug/l	97
52) Toluene	10.15	92	244805	20.253	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	154206	19.098	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	167609	19.680	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	96000	19.497	ug/l	99
56) Ethyl methacrylate	10.42	69	143152	18.353	ug/l	97
57) 1,3-Dichloropropane	10.70	76	167888	19.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	302222	100.427	ug/l	99
59) 2-Hexanone	10.75	43	536367	100.628	ug/l	98
60) Dibromochloromethane	10.90	129	101055	19.044	ug/l	100
61) 1,2-Dibromoethane	11.00	107	98849	19.817	ug/l	100
64) Tetrachloroethene	10.63	164	86057	19.556	ug/l	96
65) Chlorobenzene	11.43	112	249964	19.333	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	94027	19.767	ug/l	100
67) Ethyl Benzene	11.51	91	455877	20.368	ug/l	98
68) m/p-Xylenes	11.62	106	335978	40.200	ug/l	100
69) o-Xylene	11.95	106	158082	19.808	ug/l	99
70) Styrene	11.96	104	253695	19.616	ug/l	99
71) Bromoform	12.13	173	71500	19.419	ug/l #	99
73) Isopropylbenzene	12.25	105	429726	20.684	ug/l	100
74) N-amyl acetate	12.07	43	180421	19.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	147362	19.911	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	190088	28.444	ug/l #	100
77) Bromobenzene	12.53	156	104433	20.103	ug/l	98
78) n-propylbenzene	12.59	91	496751	20.644	ug/l	100
79) 2-Chlorotoluene	12.68	91	298324	19.966	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	358996	20.331	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	49005	18.798	ug/l	95
82) 4-Chlorotoluene	12.78	91	301709	19.786	ug/l	99
83) tert-Butylbenzene	13.00	119	304699	20.313	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	358492	20.894	ug/l	100
85) sec-Butylbenzene	13.17	105	404212	20.561	ug/l	100
86) p-Isopropyltoluene	13.29	119	360520	20.341	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	178347	19.322	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	177531	19.445	ug/l	99
89) n-Butylbenzene	13.62	91	303607	19.659	ug/l	98
90) Hexachloroethane	13.88	117	70286	19.950	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	178322	19.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30066	18.808	ug/l	94

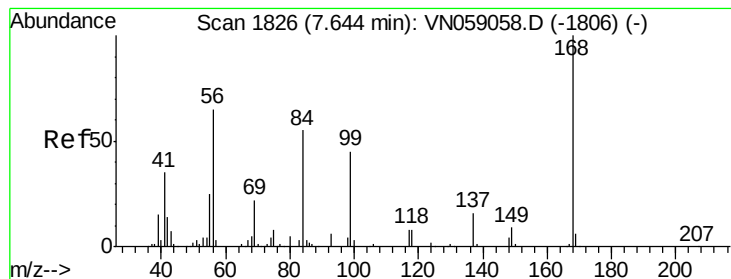
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
Data File : VN059065.D
Acq On : 1 Nov 2019 16:20
Operator : JC/SP
Sample : VN1101WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 02 06:05:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	92299	18.633	ug/l	100
94) Hexachlorobutadiene	15.01	225	58107	19.545	ug/l	98
95) Naphthalene	15.13	128	251706	18.314	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	95965	19.035	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

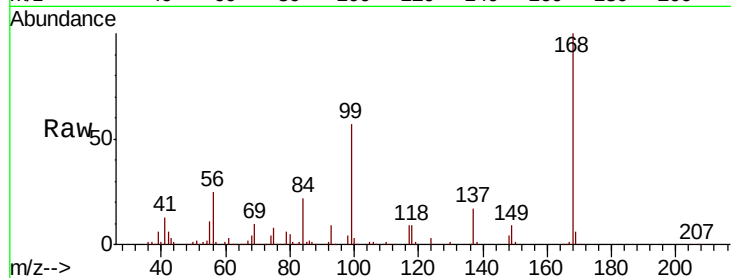
ClientSampled :

Tot Ion:168 Resp: 438027

Ion Ratio Lower Upper

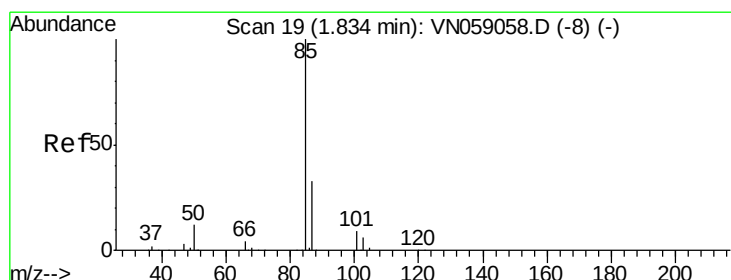
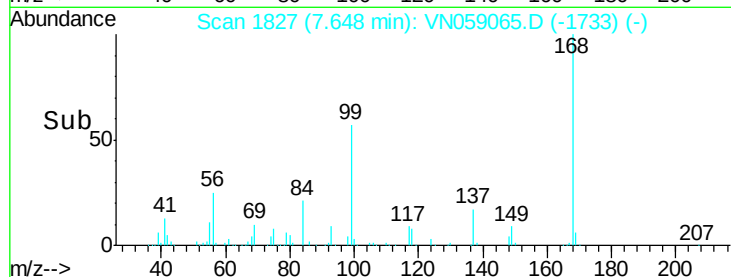
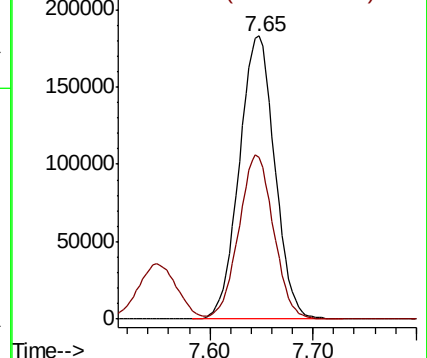
168 100

99 56.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.345 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059065.D

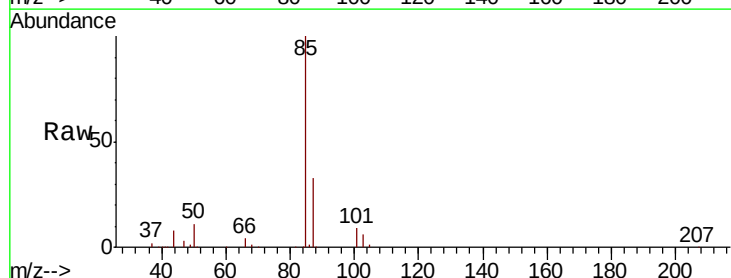
Acq: 1 Nov 2019 16:20

Tgt Ion: 85 Resp: 91618

Ion Ratio Lower Upper

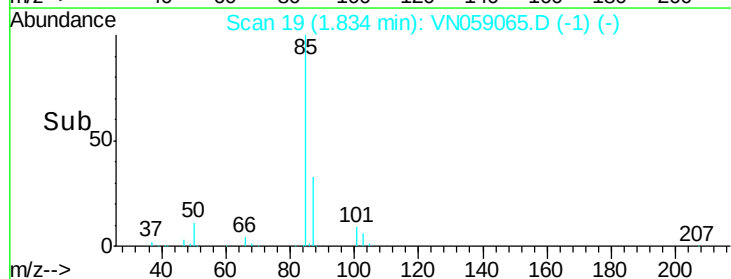
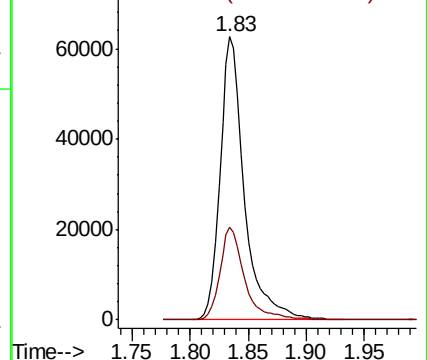
85 100

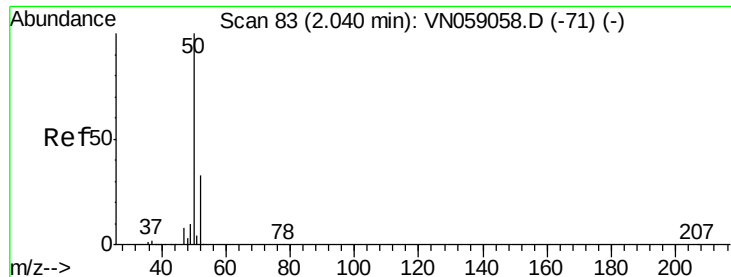
87 32.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.748 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

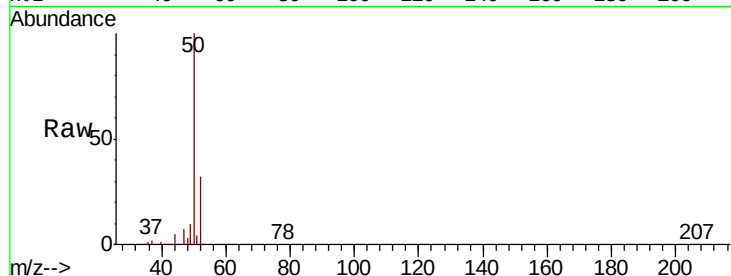
ClientSampleId :

Tot Ion: 50 Resp: 126812

Ion Ratio Lower Upper

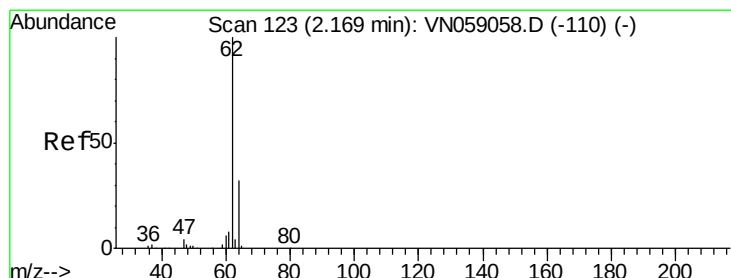
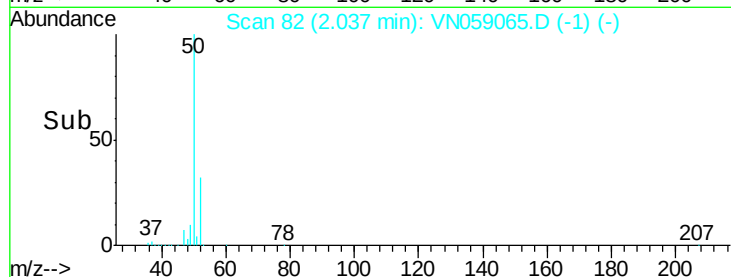
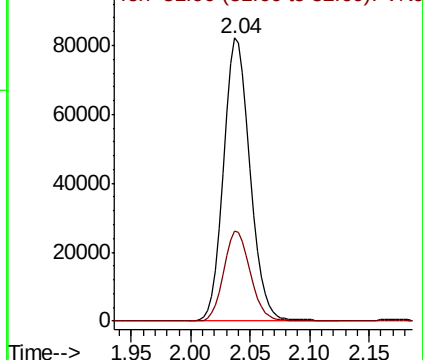
50 100

52 31.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.906 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059065.D

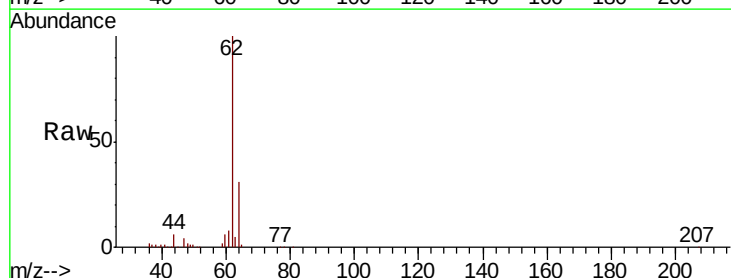
Acq: 1 Nov 2019 16:20

Tgt Ion: 62 Resp: 124079

Ion Ratio Lower Upper

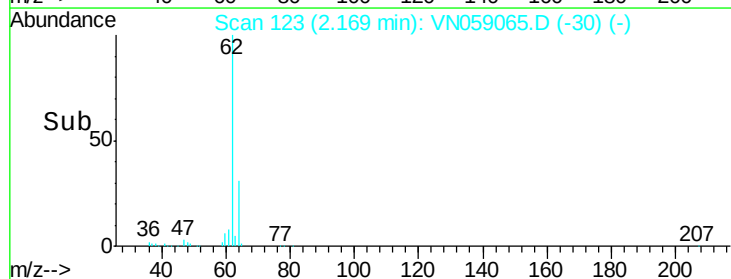
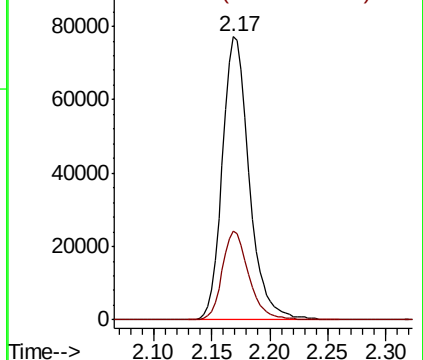
62 100

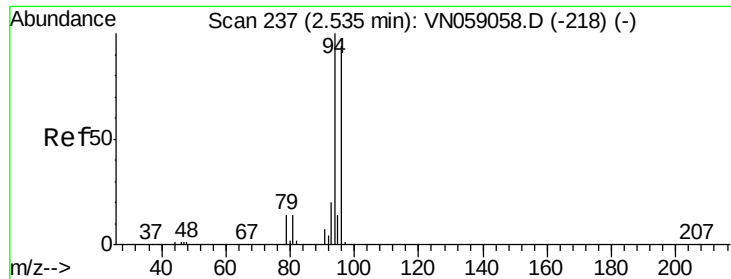
64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.501 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

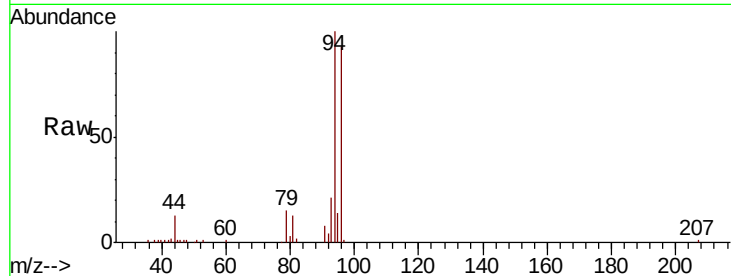
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 71864

Ion Ratio Lower Upper

94 100

96 93.1 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN059058.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN059065.D (-144) (-)

2.55

40000

30000

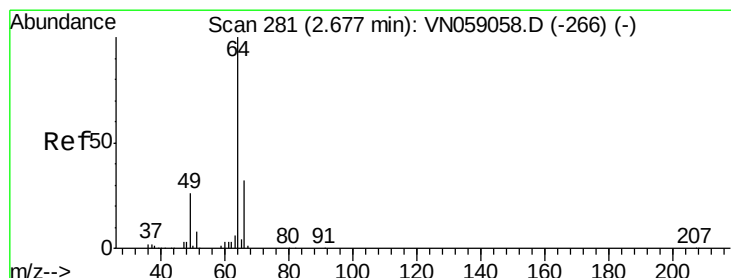
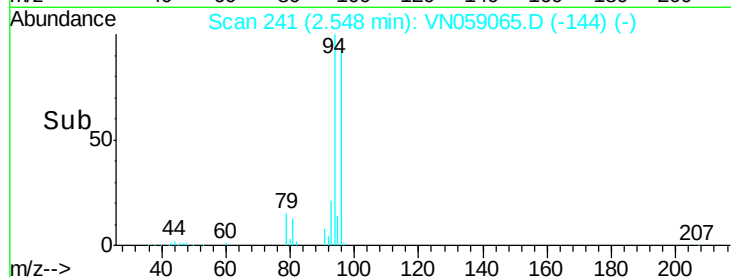
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 19.196 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059065.D

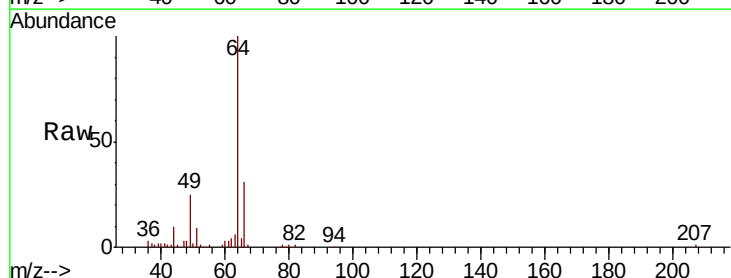
Acq: 1 Nov 2019 16:20

Tgt Ion: 64 Resp: 73280

Ion Ratio Lower Upper

64 100

66 30.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN059058.D (-266) (-)

Ion 65.90 (65.60 to 66.60): VN059065.D (-188) (-)

2.69

40000

30000

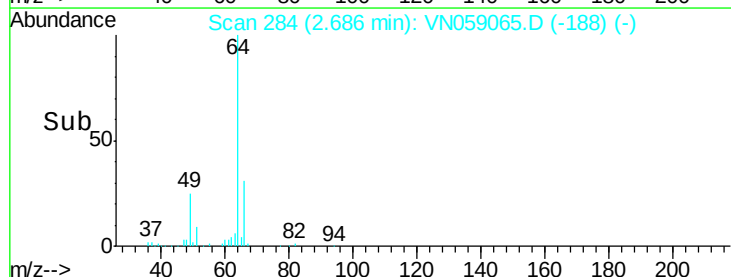
20000

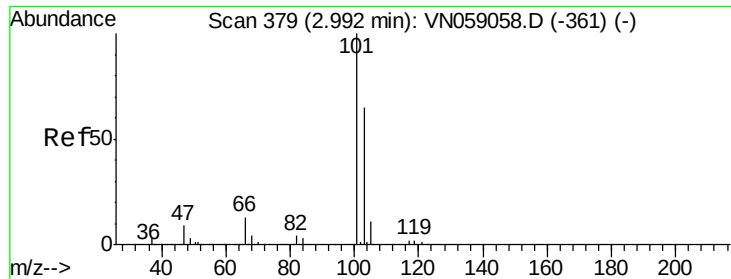
10000

0

Time-->

2.60 2.70 2.80



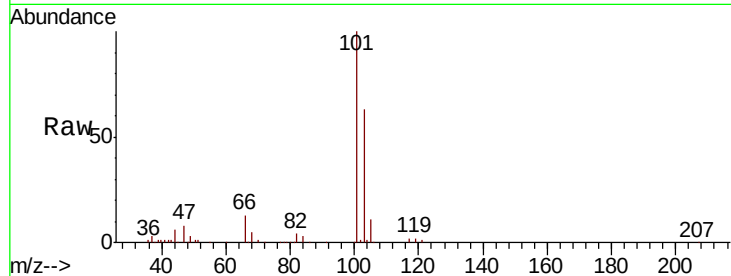


#7

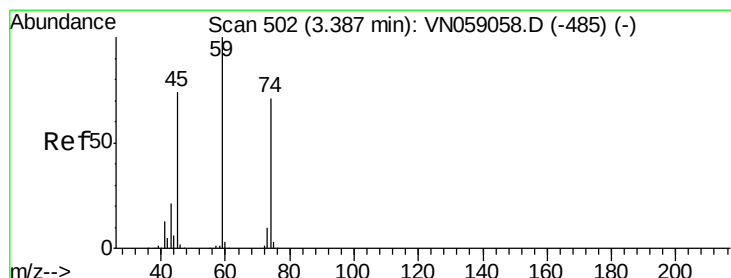
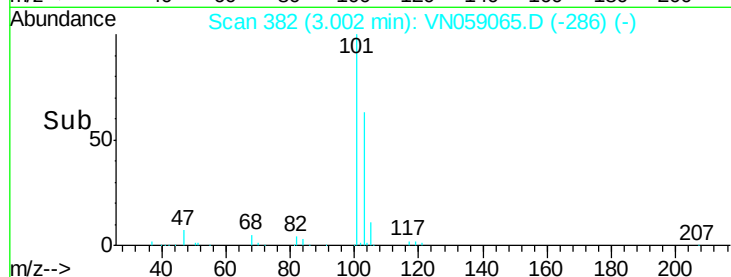
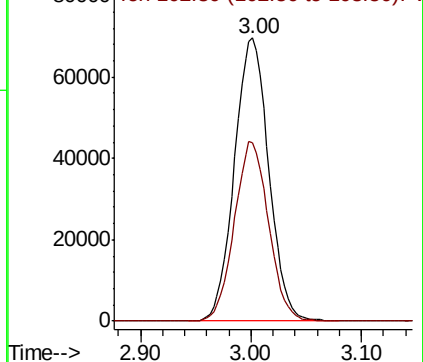
Trichlorofluoromethane
Concen: 20.257 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.01 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 150045
Ion Ratio Lower Upper
101 100
103 63.2 51.7 77.5



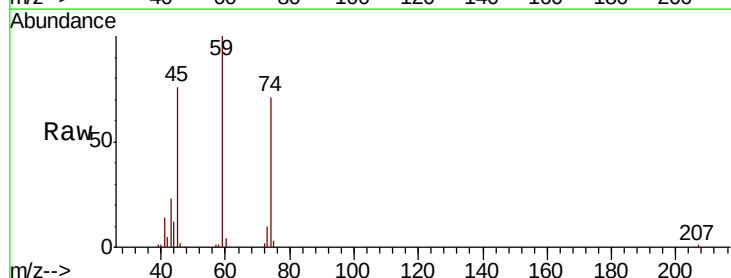
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



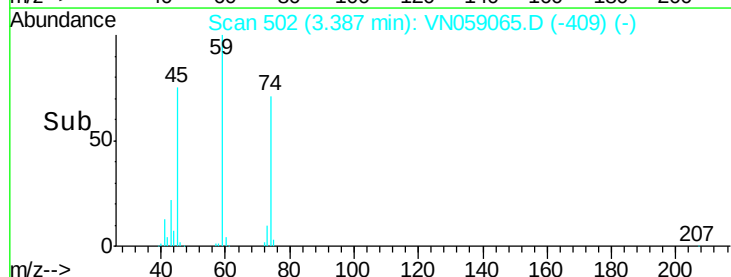
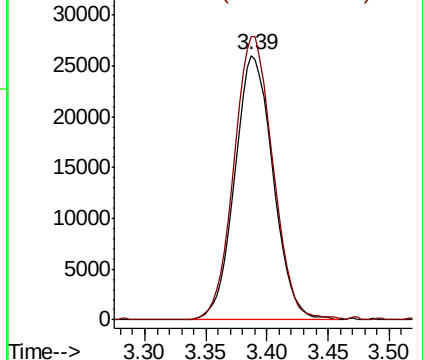
#8

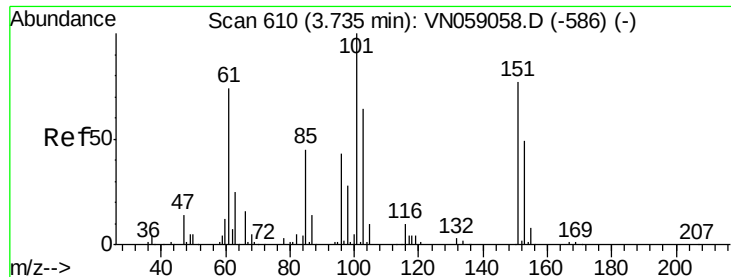
Diethyl Ether
Concen: 19.552 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion: 74 Resp: 56556
Ion Ratio Lower Upper
74 100
45 109.3 52.8 158.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.440 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

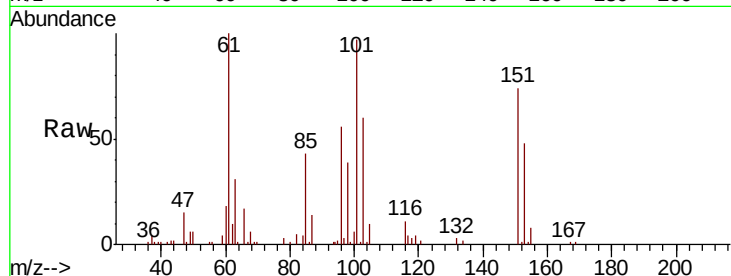
Tot Ion:101 Resp: 84870

Ion Ratio Lower Upper

101 100

85 45.6 35.0 52.6

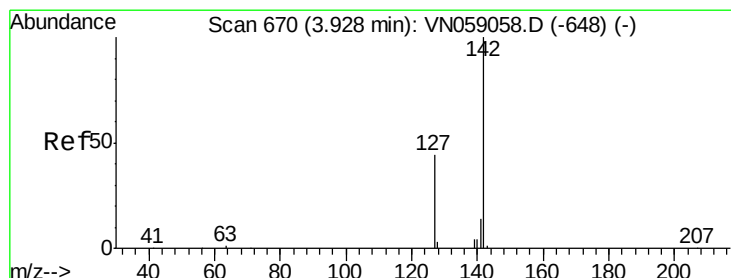
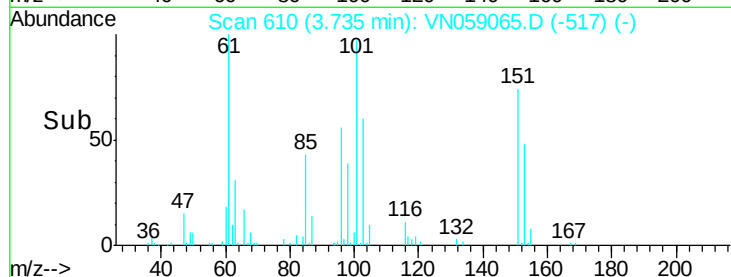
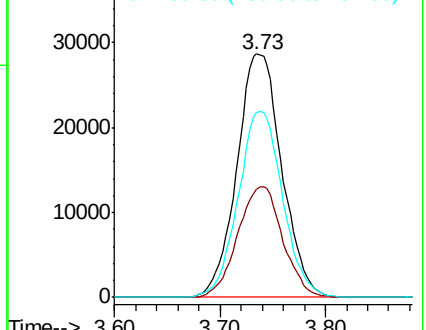
151 75.7 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.194 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

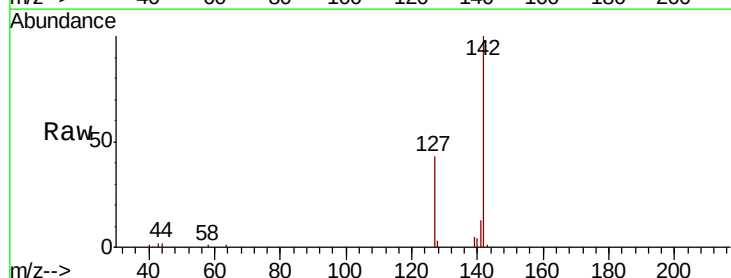
Tgt Ion:142 Resp: 101853

Ion Ratio Lower Upper

142 100

127 44.9 34.2 51.2

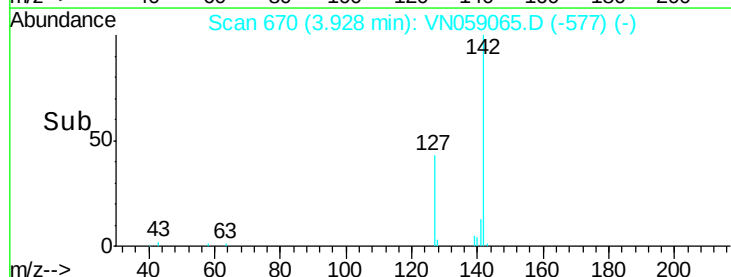
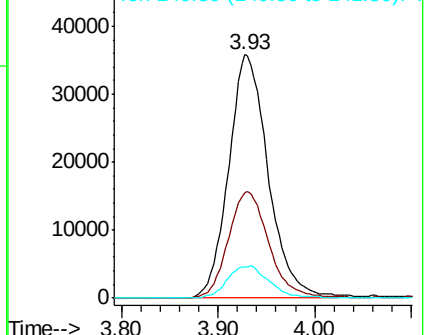
141 13.8 11.1 16.7

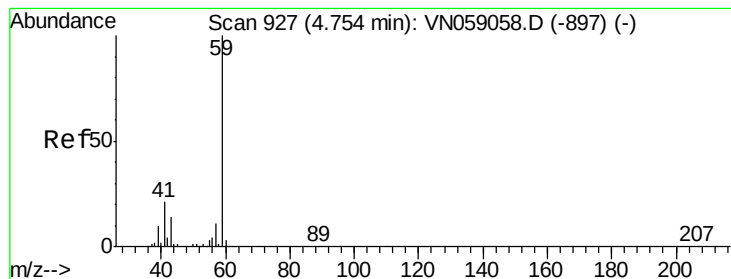


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.349 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

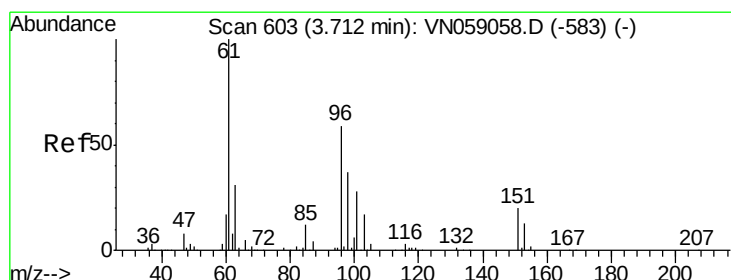
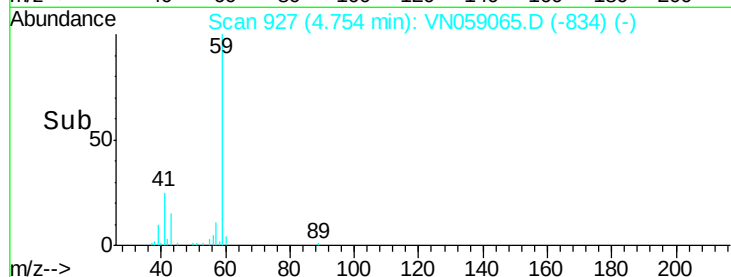
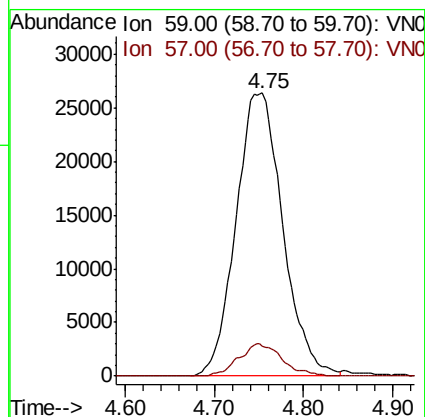
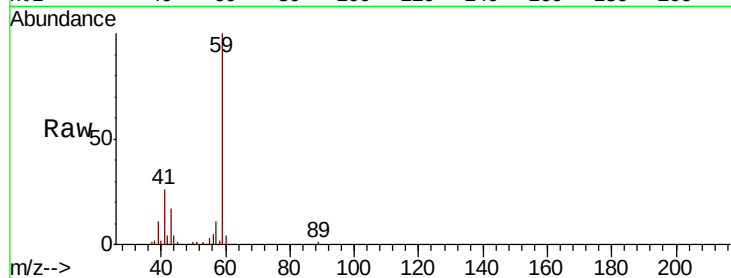
ClientSampled :

Tot Ion: 59 Resp: 95930

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.416 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

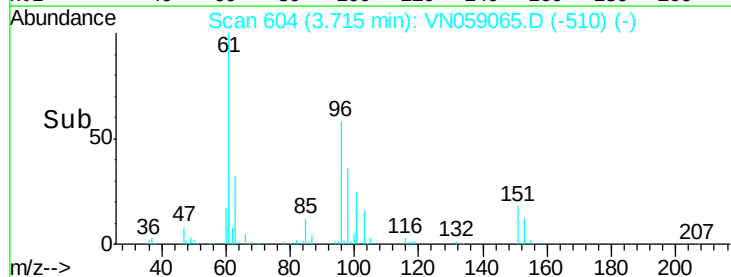
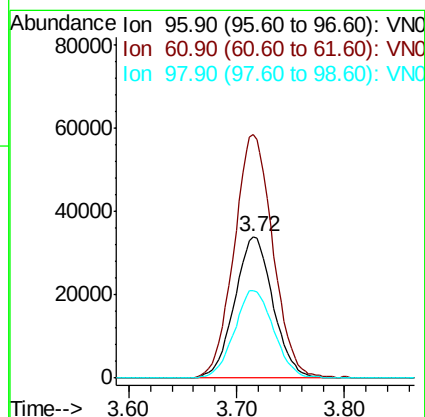
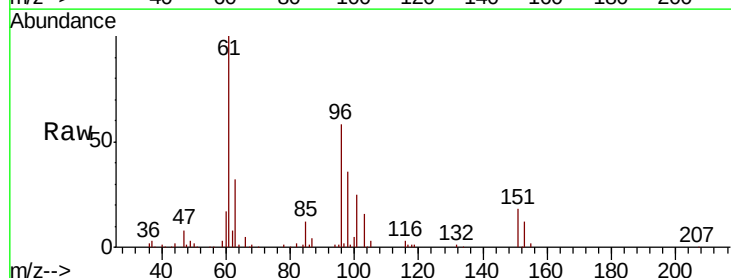
Tgt Ion: 96 Resp: 84300

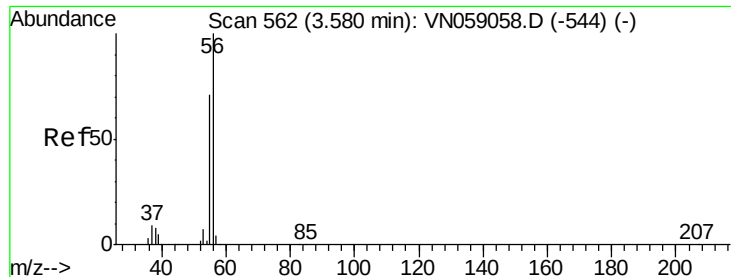
Ion Ratio Lower Upper

96 100

61 172.3 135.3 202.9

98 61.9 49.4 74.2





#13

Acrolein

Concen: 100.076 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

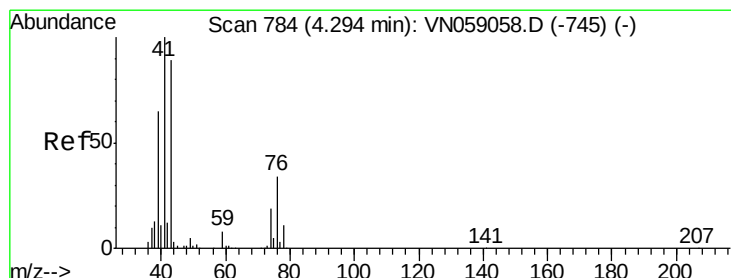
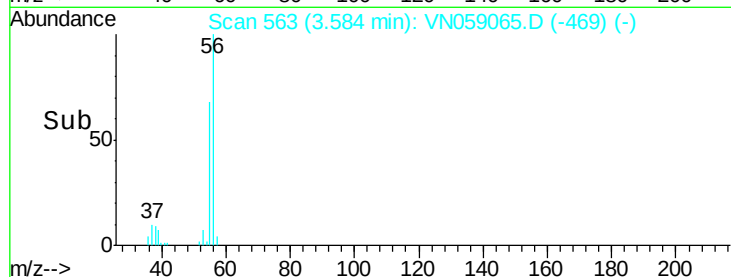
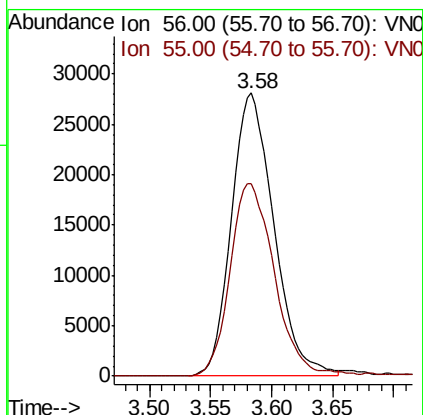
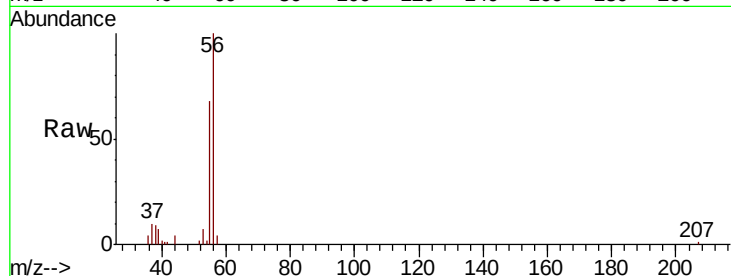
ClientSampleId :

Tot Ion: 56 Resp: 67799

Ion Ratio Lower Upper

56 100

55 71.1 56.1 84.1



#14

Allyl chloride

Concen: 19.360 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

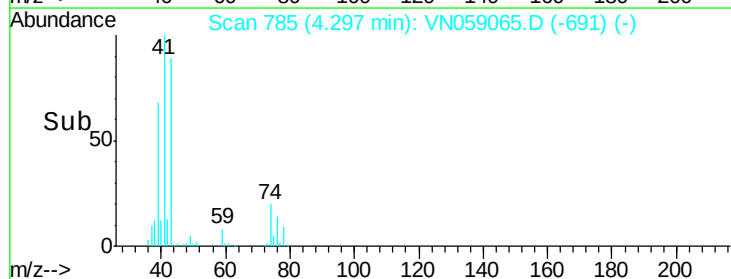
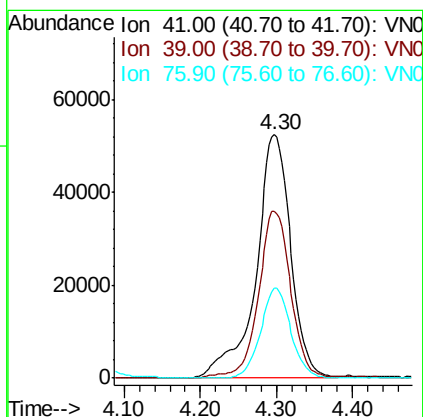
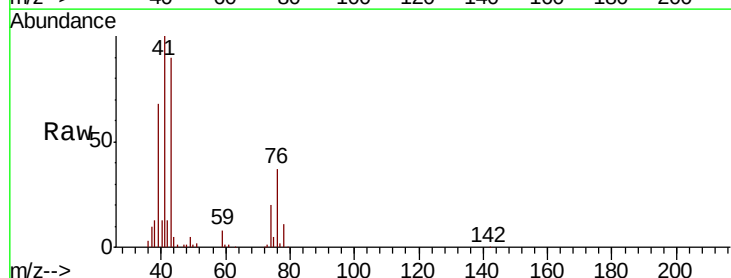
Tgt Ion: 41 Resp: 166566

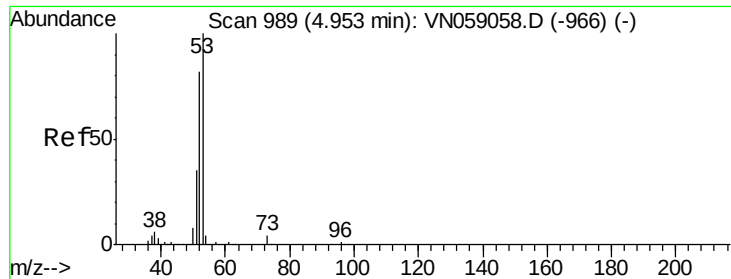
Ion Ratio Lower Upper

41 100

39 63.7 49.4 74.2

76 32.1 24.6 37.0





#15

Acrylonitrile

Concen: 99.903 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

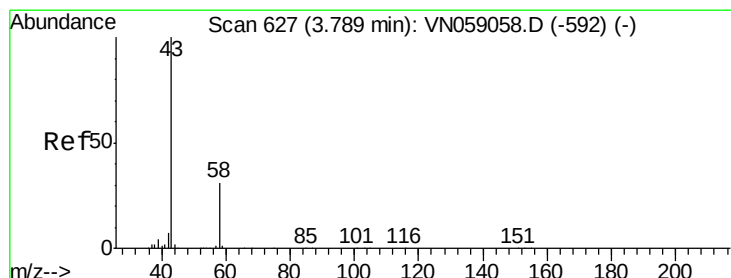
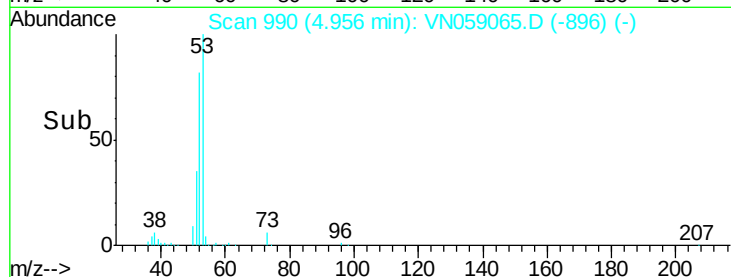
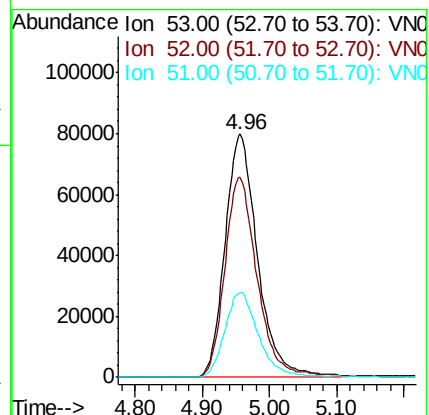
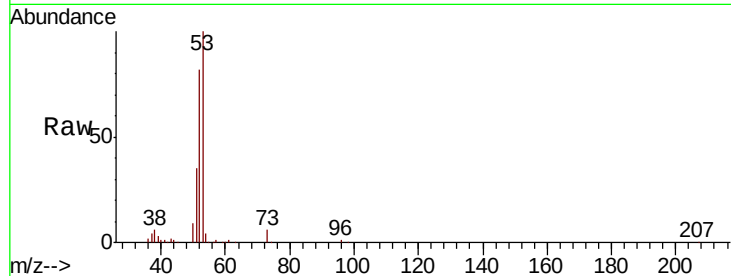
Tot Ion: 53 Resp: 269068

Ion Ratio Lower Upper

53 100

52 80.1 66.0 99.0

51 36.3 28.3 42.5



#16

Acetone

Concen: 91.380 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059065.D

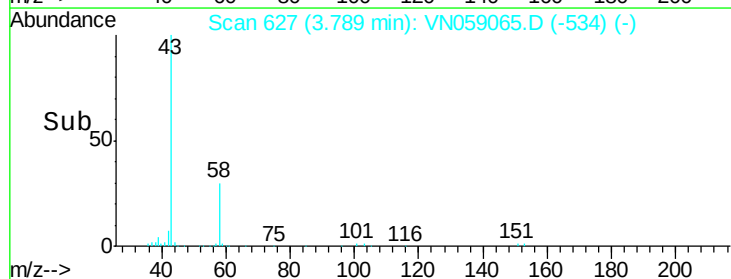
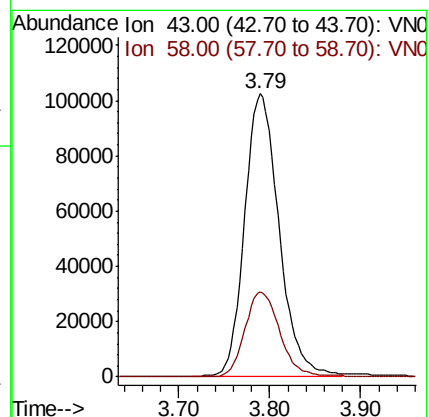
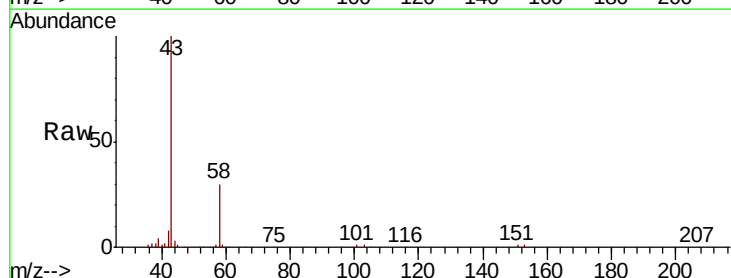
Acq: 1 Nov 2019 16:20

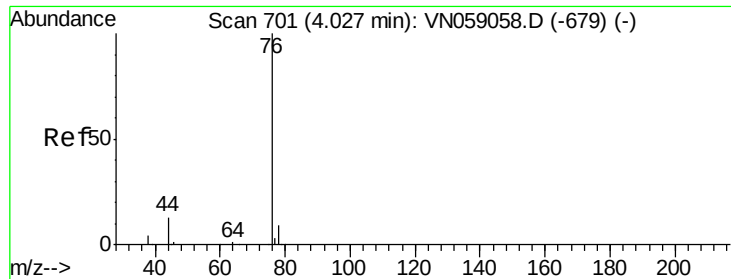
Tgt Ion: 43 Resp: 268374

Ion Ratio Lower Upper

43 100

58 30.0 25.0 37.6

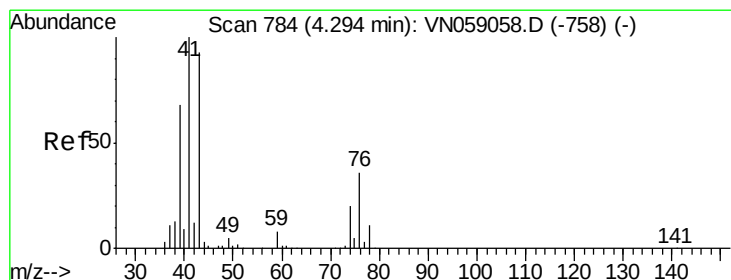
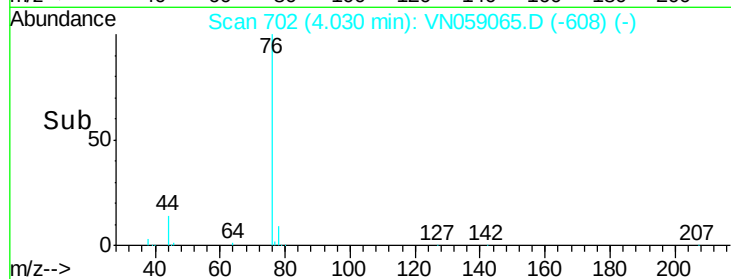
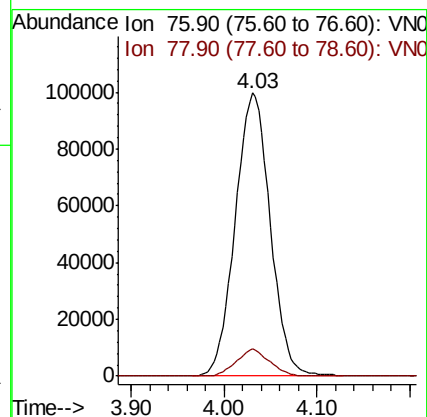
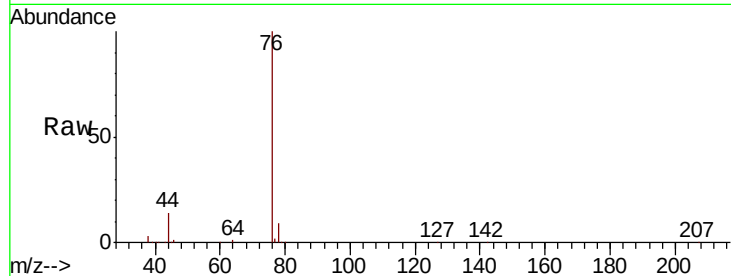




#17
Carbon Disulfide
Concen: 18.904 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

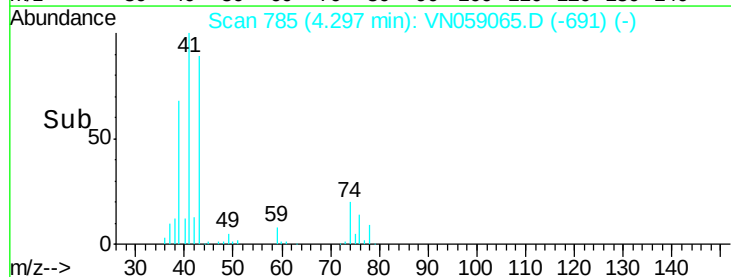
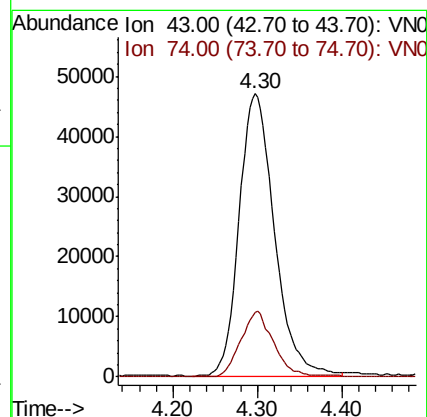
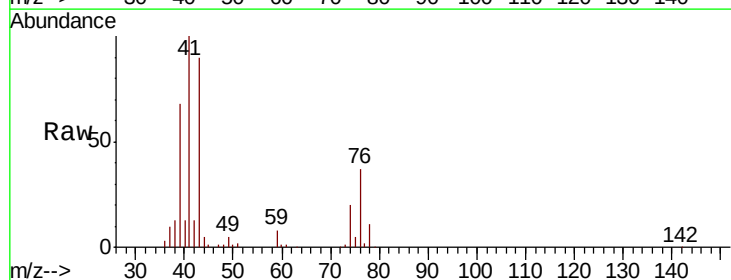
Instrument :
MSVOA_N
ClientSampled :

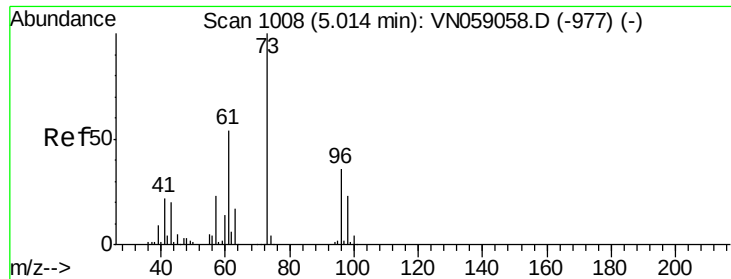
Tot Ion: 76 Resp: 260944
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 18.565 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion: 43 Resp: 138130
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3

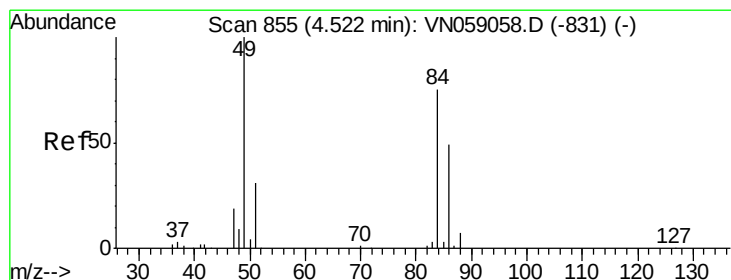
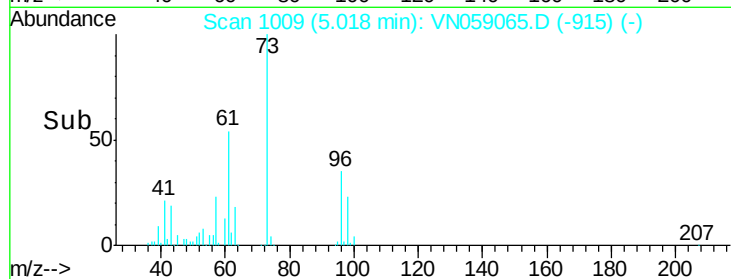
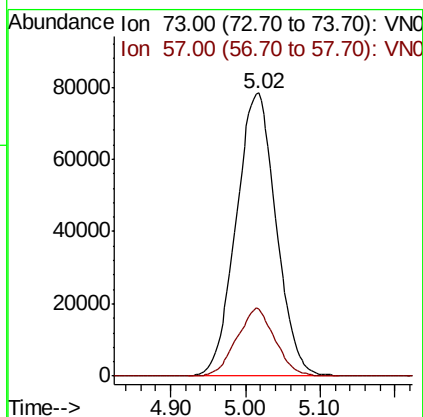
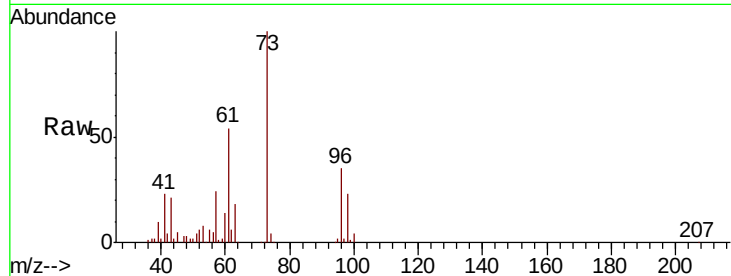




#19
Methyl tert-butyl Ether
Concen: 19.683 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

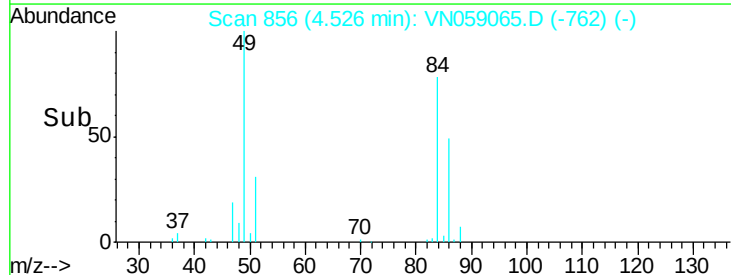
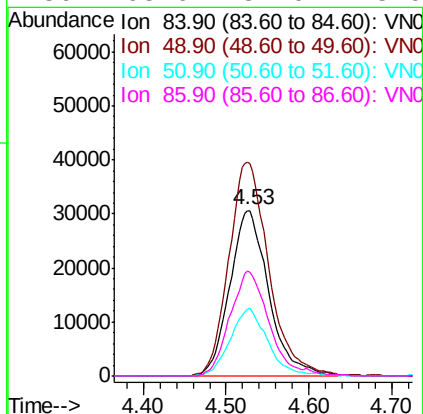
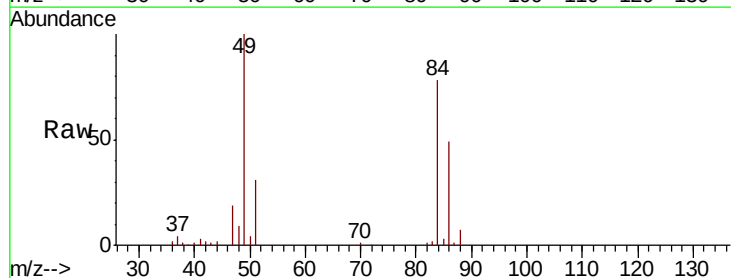
Instrument :
MSVOA_N
ClientSampled :

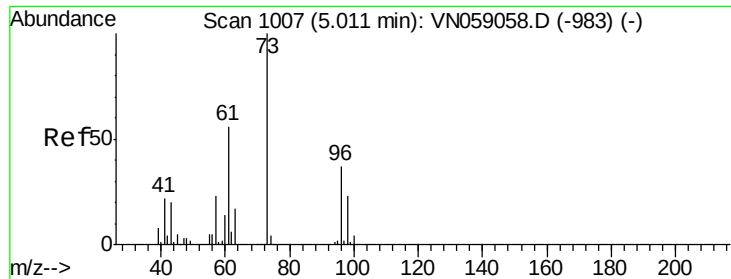
Tot Ion: 73 Resp: 291080
Ion Ratio Lower Upper
73 100
57 23.7 18.4 27.6



#20
Methylene Chloride
Concen: 19.452 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion: 84 Resp: 100011
Ion Ratio Lower Upper
84 100
49 128.8 106.4 159.6
51 40.5 33.0 49.4
86 63.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.184 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

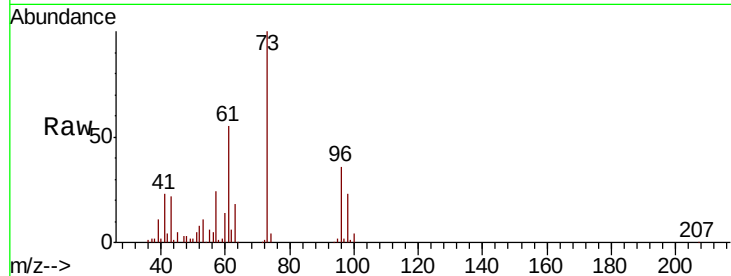
Tot Ion: 96 Resp: 89421

Ion Ratio Lower Upper

96 100

61 150.7 121.7 182.5

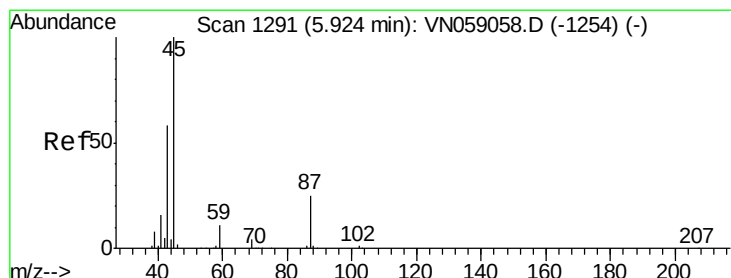
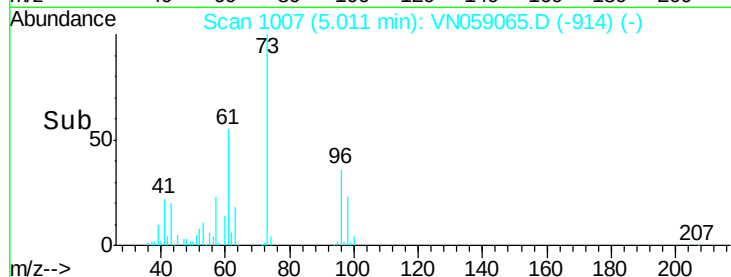
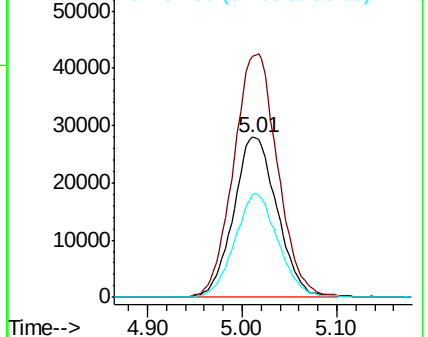
98 64.3 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN059065.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN059065.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN059065.D (-914) (-)



#22

Diisopropyl ether

Concen: 20.215 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Tgt Ion: 45 Resp: 331284

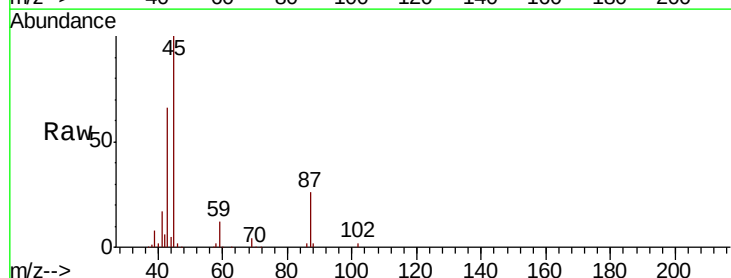
Ion Ratio Lower Upper

45 100

43 65.0 46.9 70.3

87 26.2 20.1 30.1

59 11.9 9.0 13.4

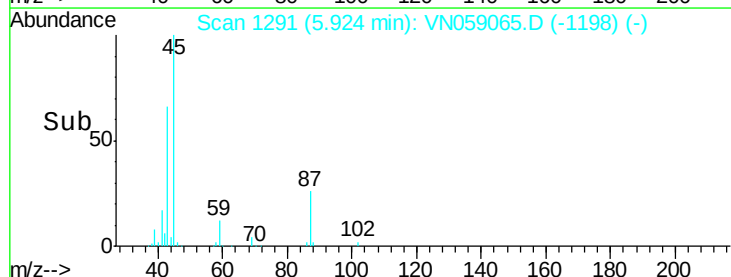
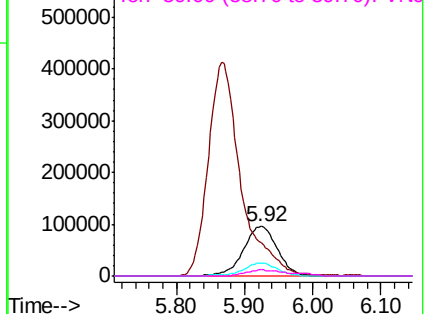


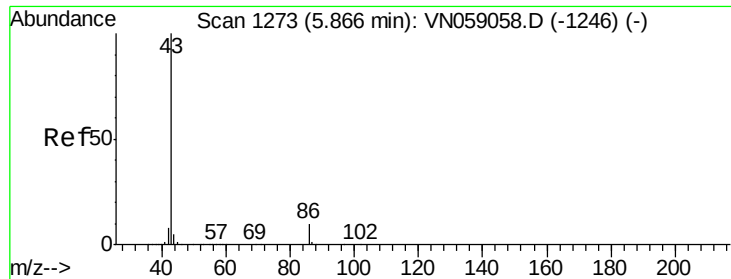
Abundance Ion 45.00 (44.70 to 45.70): VN059065.D (-1198) (-)

Ion 43.00 (42.70 to 43.70): VN059065.D (-1198) (-)

Ion 87.00 (86.70 to 87.70): VN059065.D (-1198) (-)

Ion 59.00 (58.70 to 59.70): VN059065.D (-1198) (-)





#23

Vinyl Acetate

Concen: 105.481 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

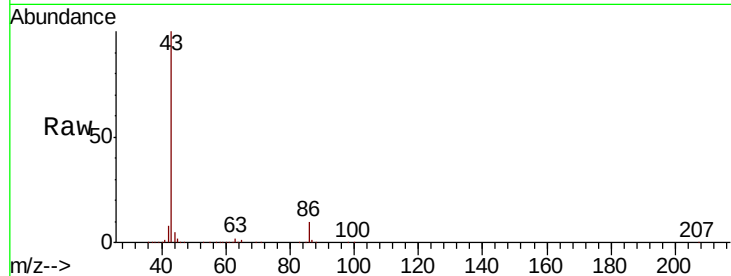
ClientSampleId :

Tot Ion: 43 Resp: 1376781

Ion Ratio Lower Upper

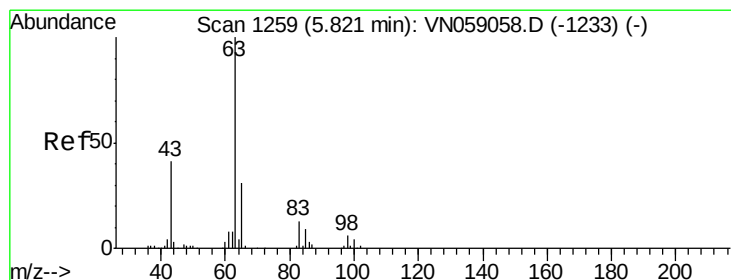
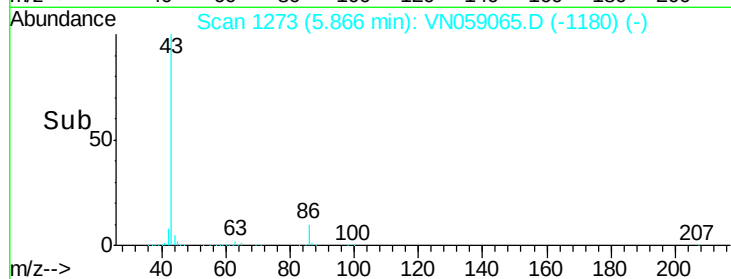
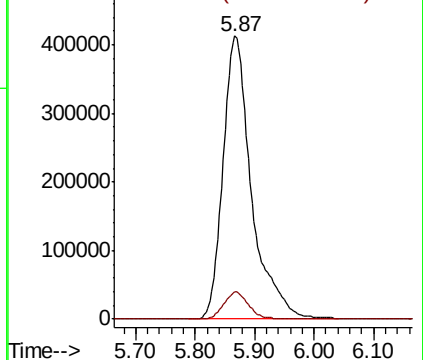
43 100

86 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.623 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

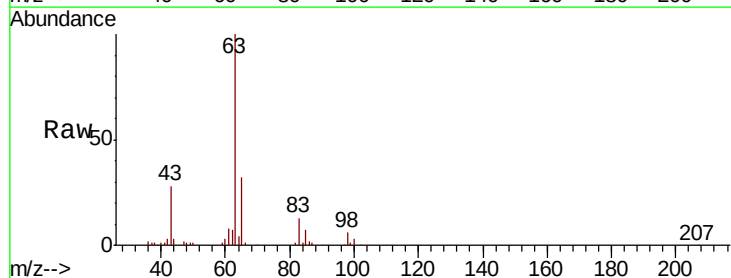
Tgt Ion: 63 Resp: 183851

Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

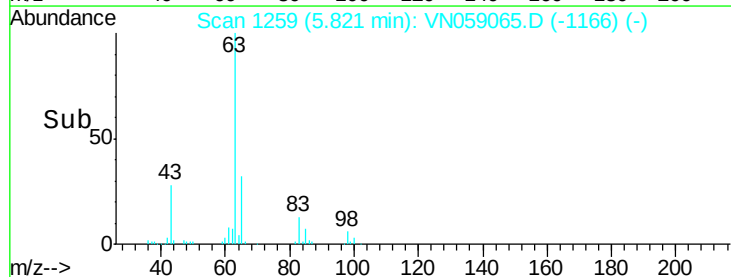
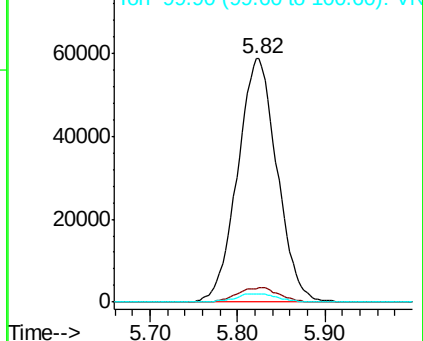
100 3.4 2.0 6.0

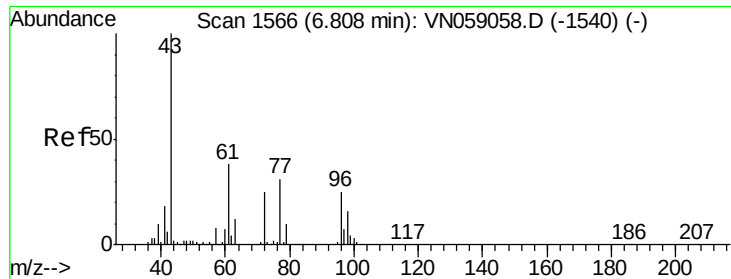


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 95.413 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

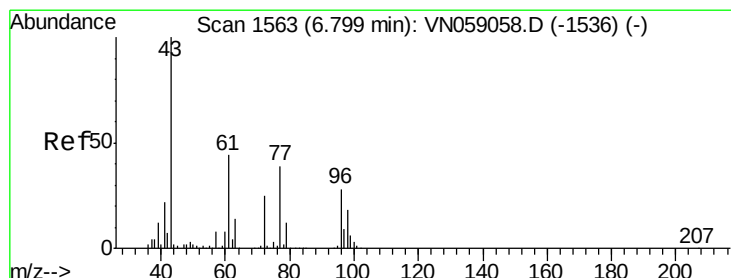
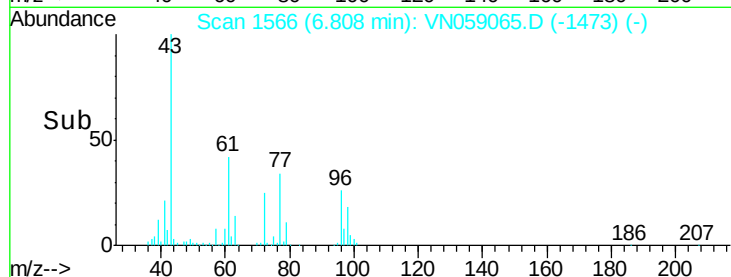
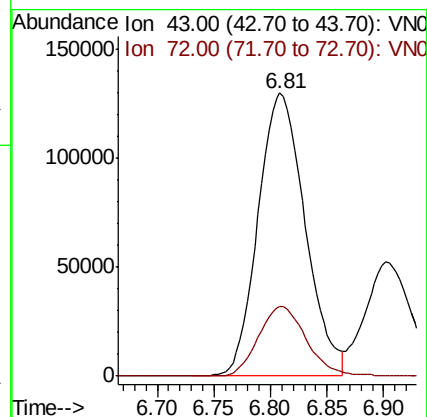
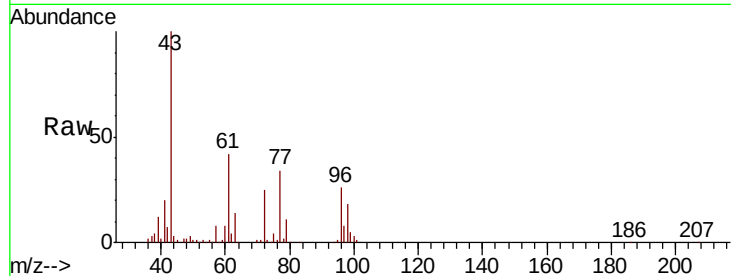
ClientSampled :

Tot Ion: 43 Resp: 373122

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.633 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059065.D

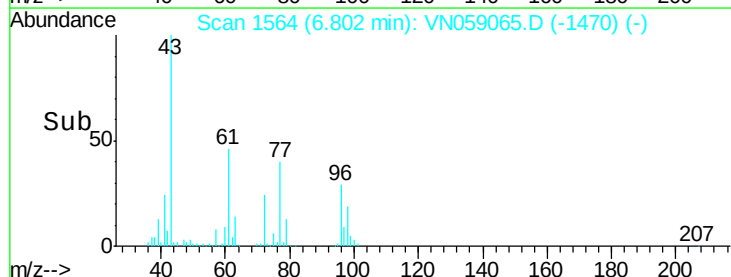
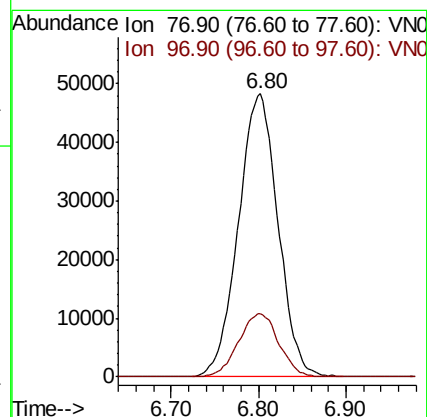
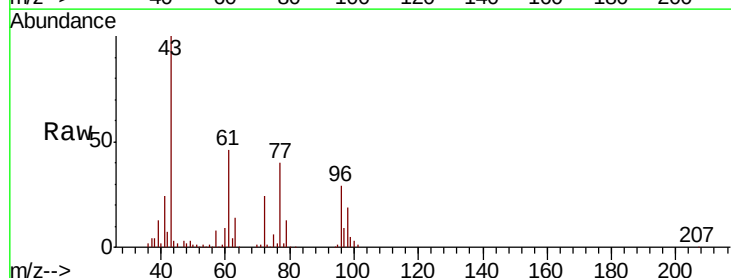
Acq: 1 Nov 2019 16:20

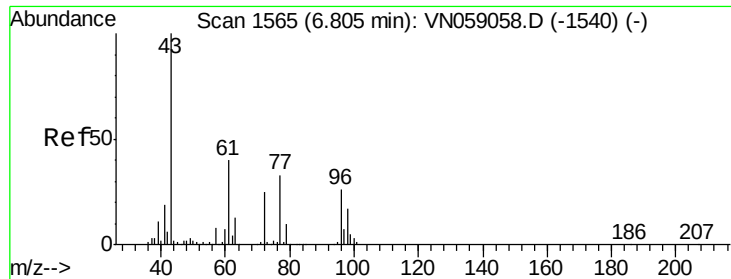
Tgt Ion: 77 Resp: 151529

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.454 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :
MSVOA_N
ClientSampleId :

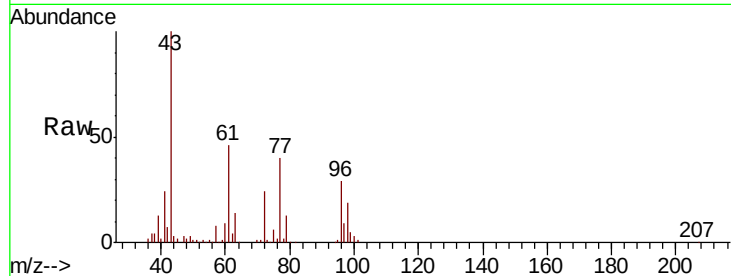
Tot Ion: 96 Resp: 102103

Ion Ratio Lower Upper

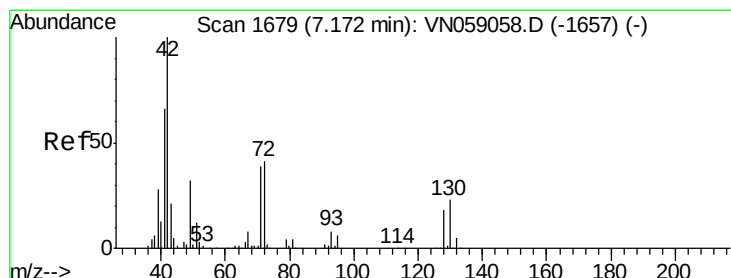
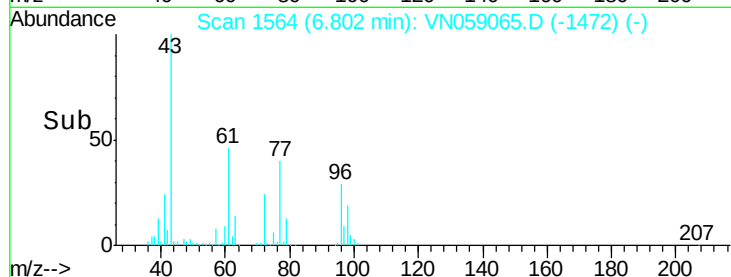
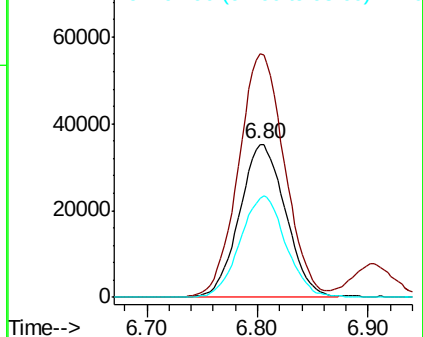
96 100

61 159.7 0.0 316.4

98 65.8 0.0 128.2



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



#28

Bromochloromethane

Concen: 17.679 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

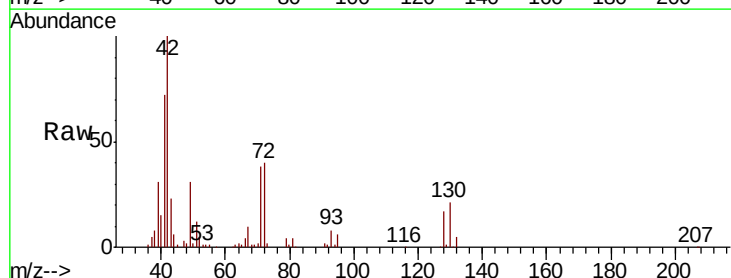
Tgt Ion: 49 Resp: 51122

Ion Ratio Lower Upper

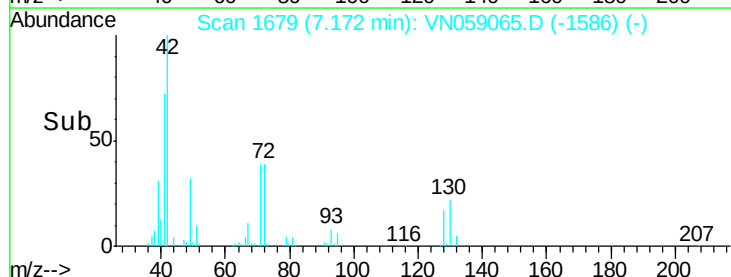
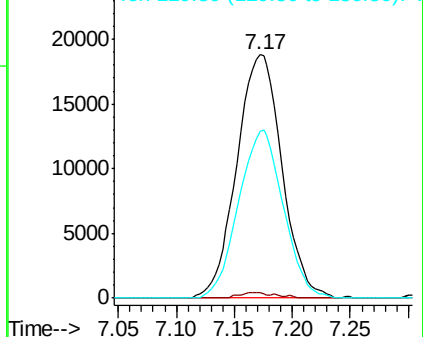
49 100

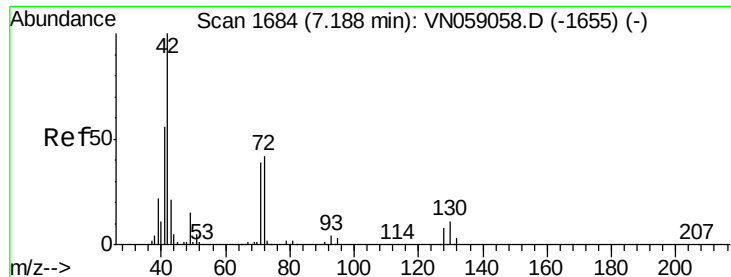
129 1.2 0.0 3.4

130 68.1 55.0 82.6



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

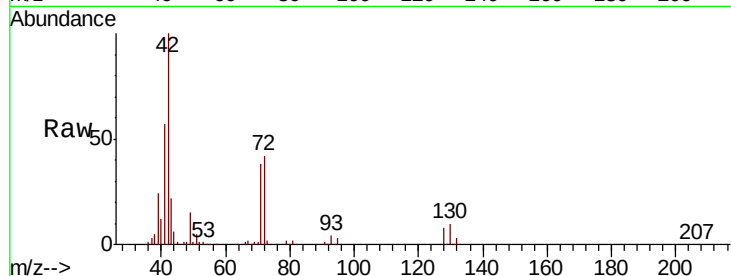




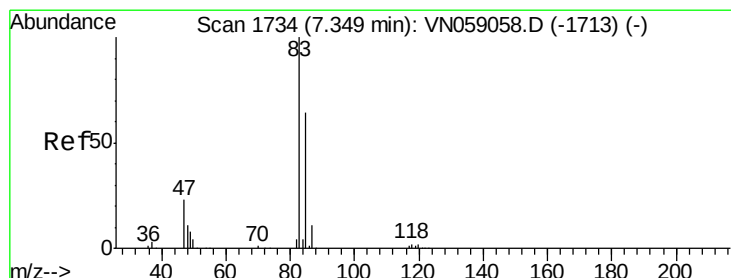
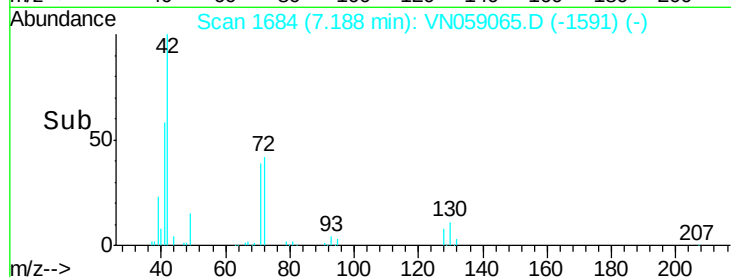
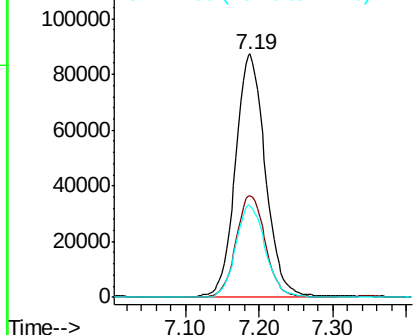
#29
Tetrahydrofuran
Concen: 99.378 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 245264
Ion Ratio Lower Upper
42 100
72 41.4 32.7 49.1
71 37.9 31.2 46.8

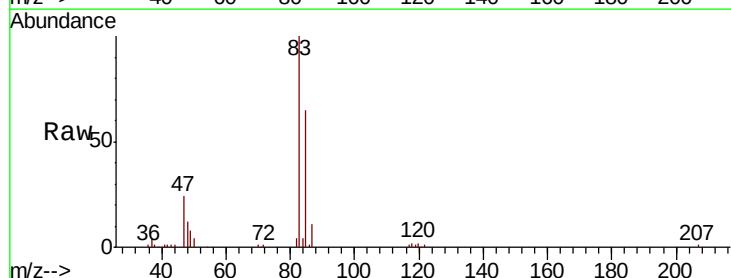


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

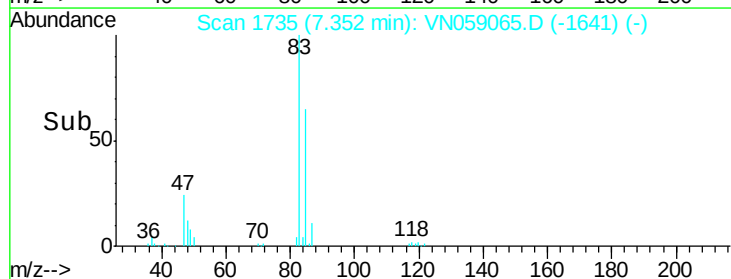
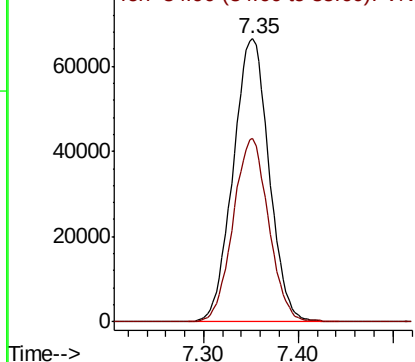


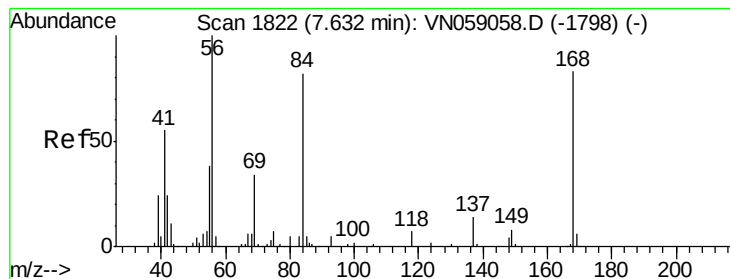
#30
Chloroform
Concen: 19.586 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion: 83 Resp: 175476
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3



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





#31

Cyclohexane

Concen: 18.871 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

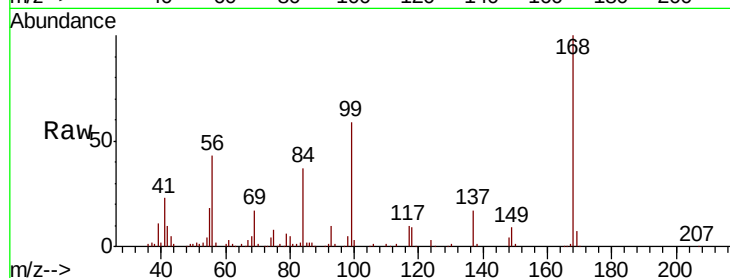
Tot Ion: 56 Resp: 168642

Ion Ratio Lower Upper

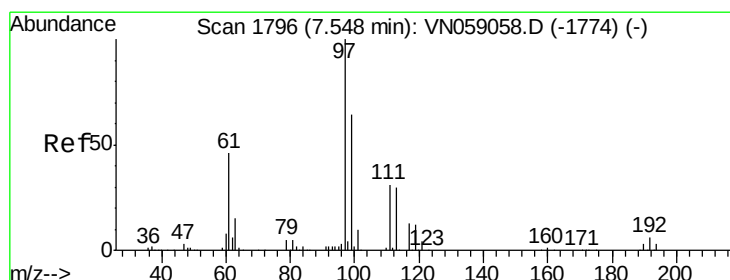
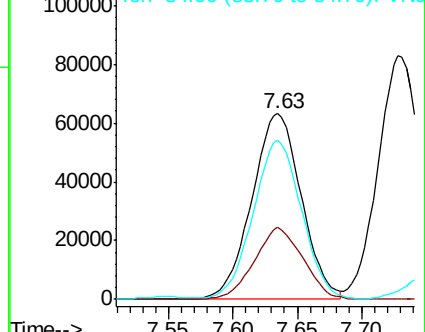
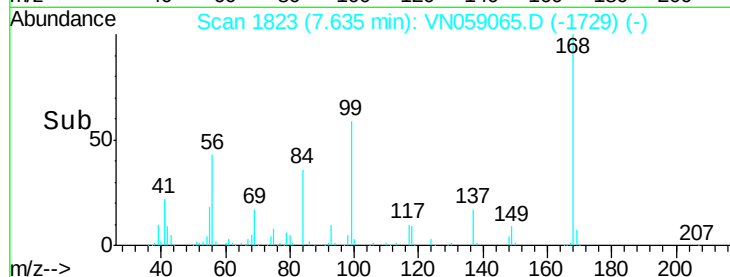
56 100

69 38.5 27.2 40.8

84 85.2 65.2 97.8



Abundance Ion 56.00 (55.70 to 56.70): VN059065.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 19.824 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

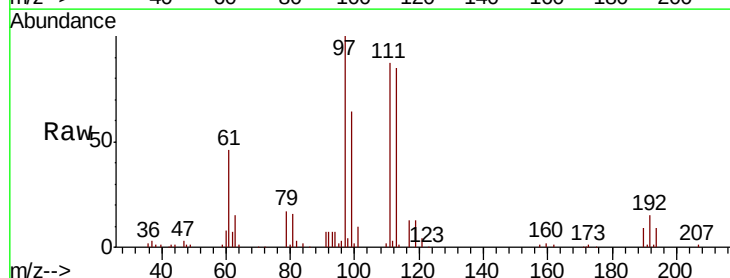
Tgt Ion: 97 Resp: 150265

Ion Ratio Lower Upper

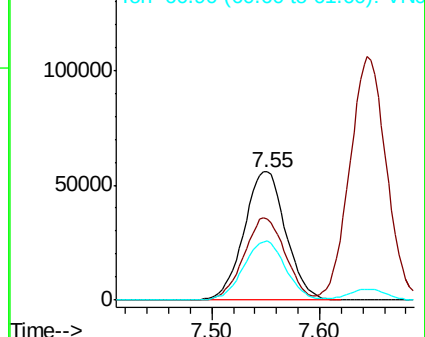
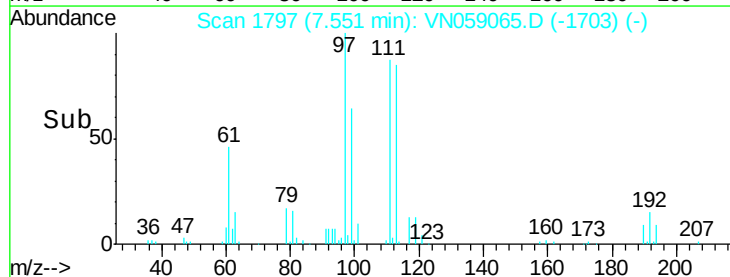
97 100

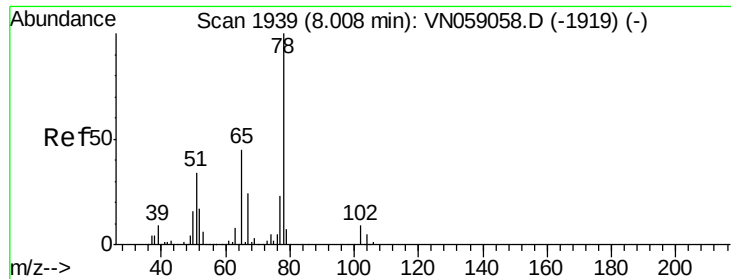
99 63.3 50.7 76.1

61 46.1 36.3 54.5



Abundance Ion 96.90 (96.60 to 97.60): VN059065.D (-1703) (-)

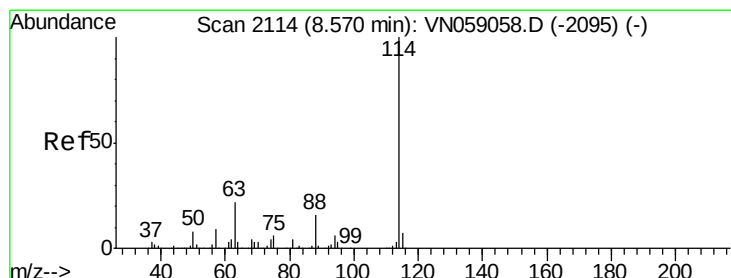
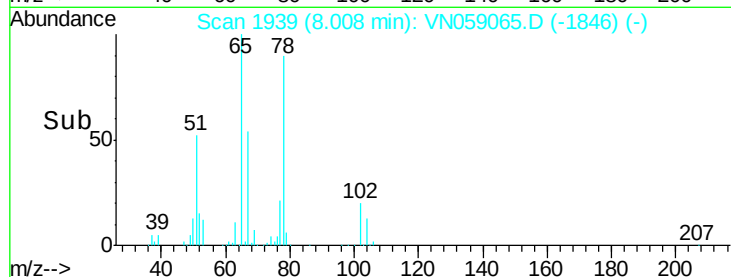
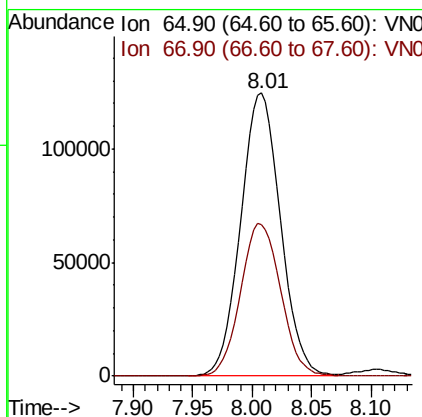
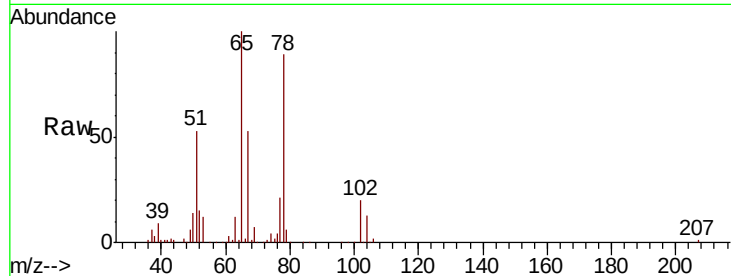




#33
 1,2-Dichloroethane-d4
 Concen: 49.939 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

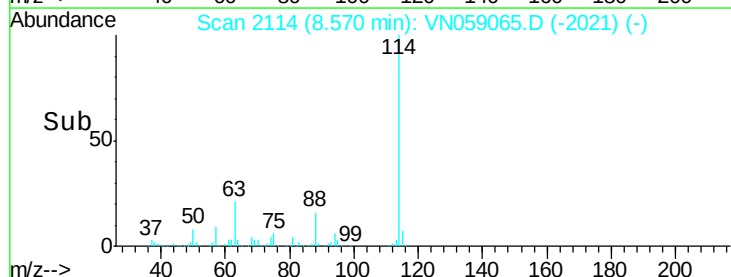
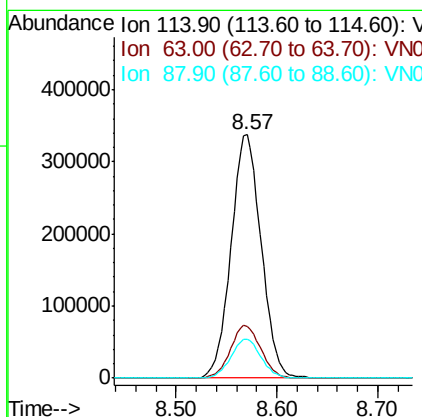
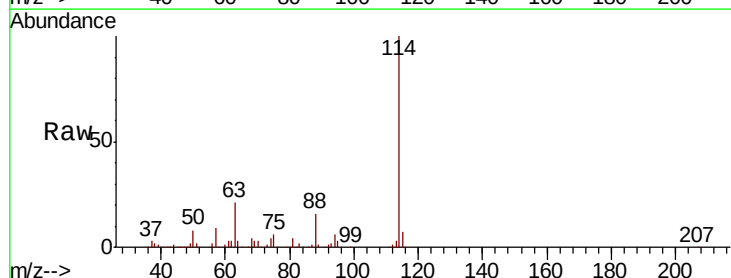
Instrument :
 MSVOA_N
 ClientSampleId :

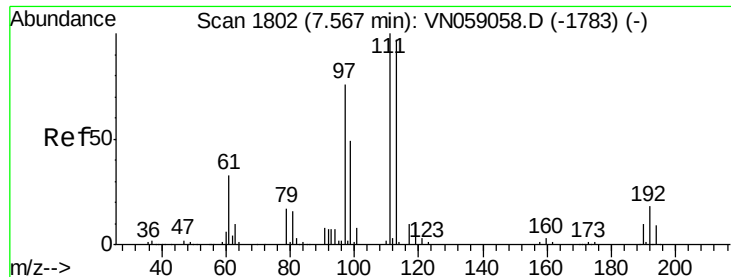
Tot Ion: 65 Resp: 289701
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

Tgt Ion: 114 Resp: 699383
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.1 0.0 33.0

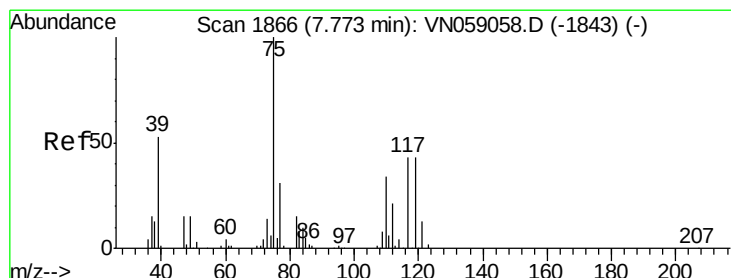
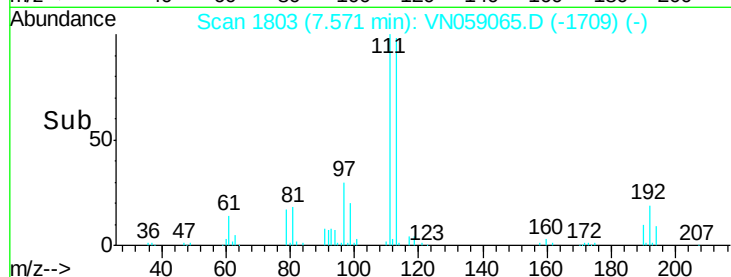
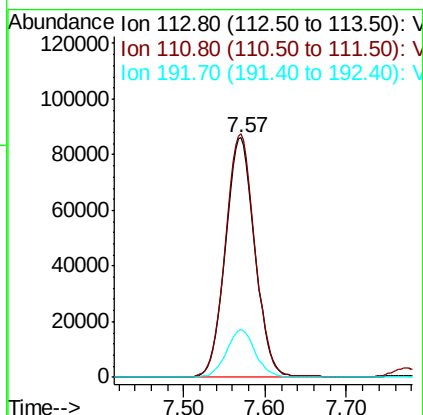
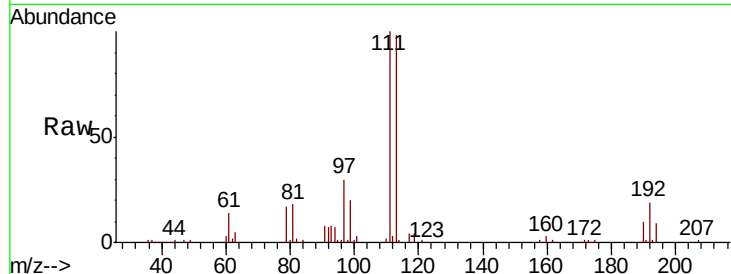




#35
 Dibromofluoromethane
 Concen: 48.358 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

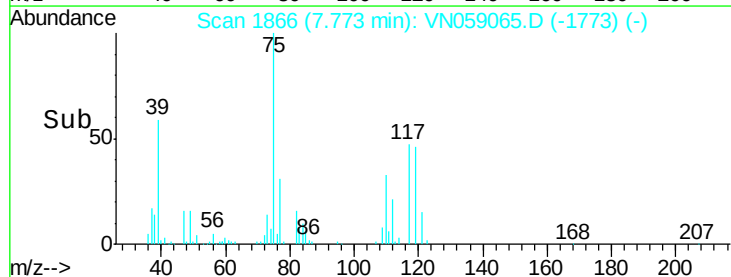
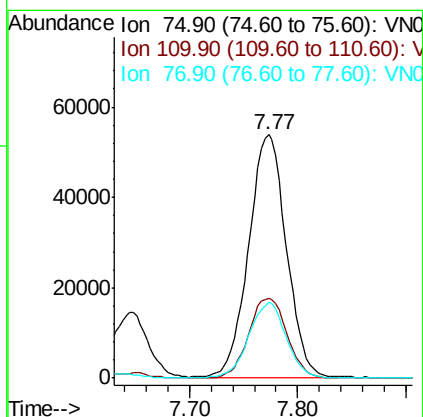
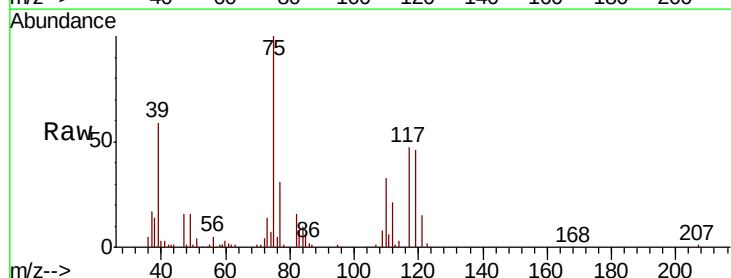
Instrument :
 MSVOA_N
 ClientSampleId :

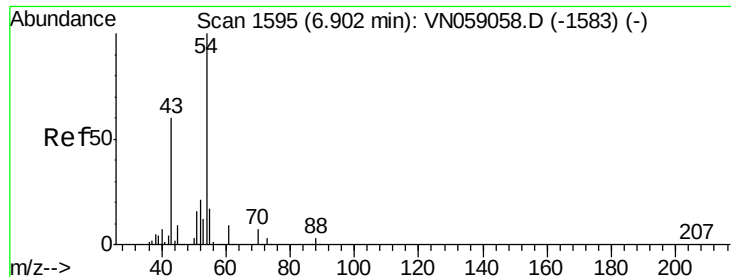
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.4	15.9	23.9



#36
 1,1-Dichloropropene
 Concen: 18.712 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.6
77	31.2	25.0	37.4

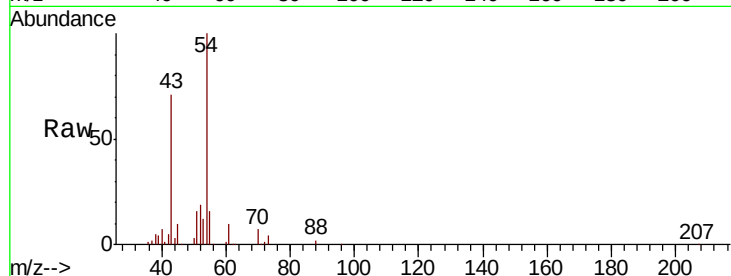




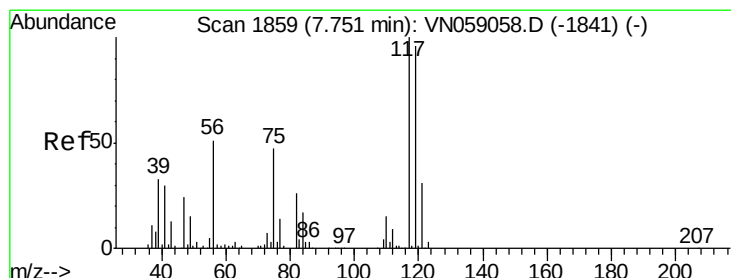
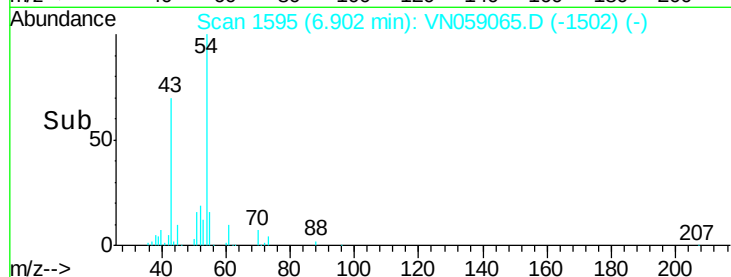
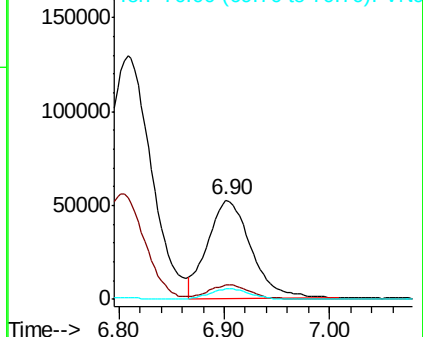
#37
Ethyl Acetate
Concen: 19.295 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 149018
Ion Ratio Lower Upper
43 100
61 13.3 11.2 16.8
70 10.2 8.0 12.0

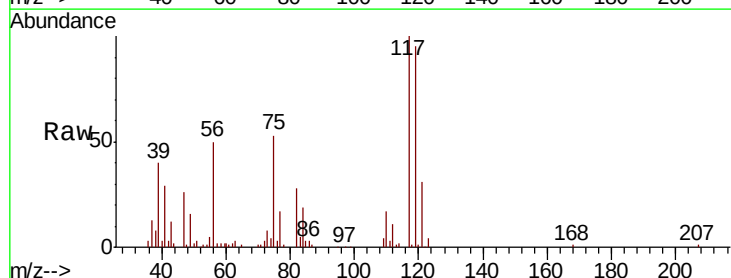


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

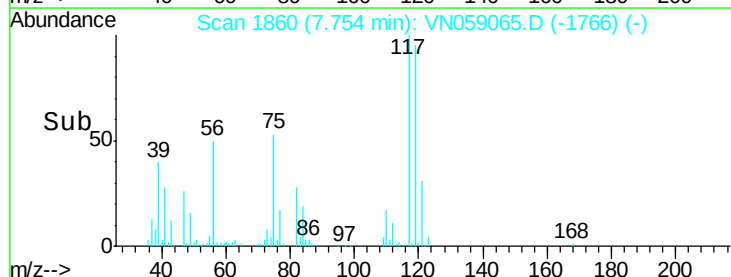
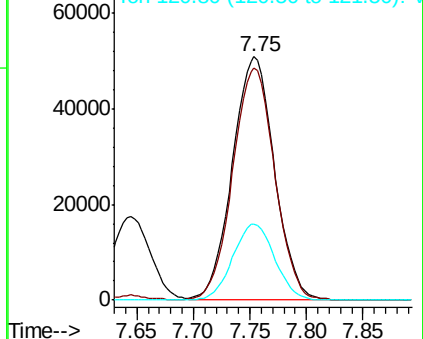


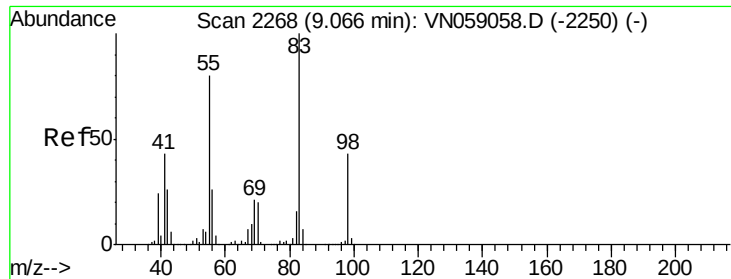
#38
Carbon Tetrachloride
Concen: 19.409 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion: 117 Resp: 131482
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8
121 31.4 24.6 37.0



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

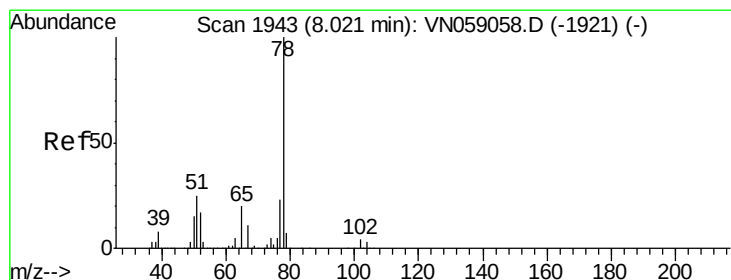
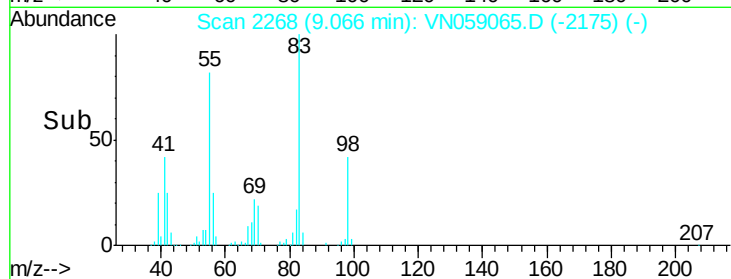
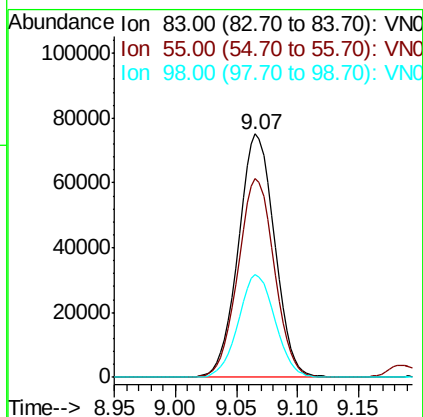
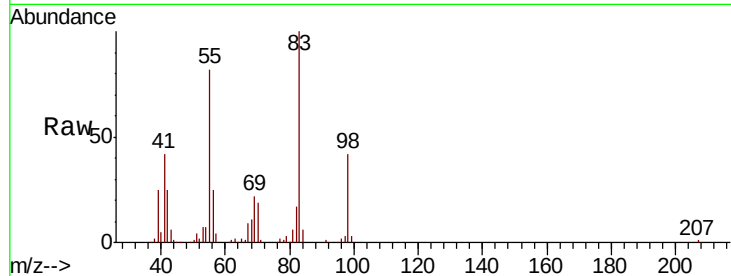




#39
Methylvlcyclohexane
Concen: 19.193 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

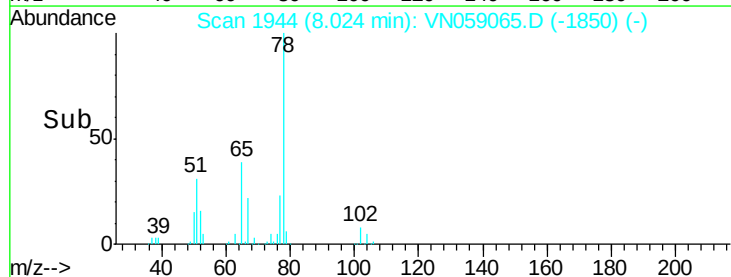
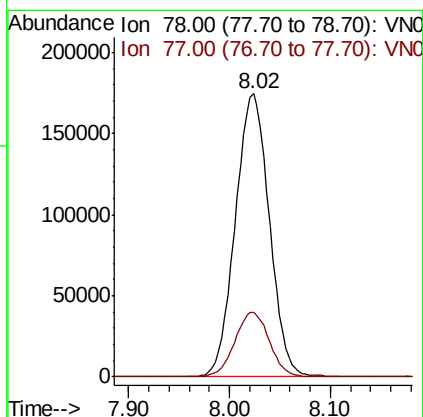
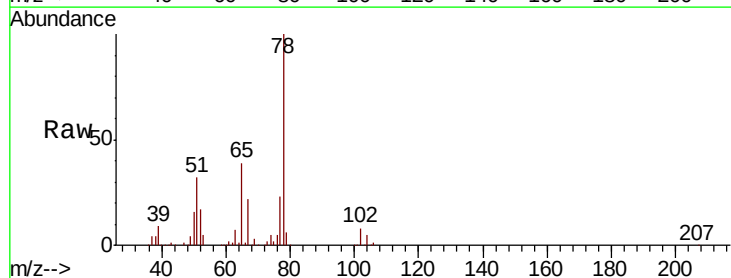
Instrument :
MSVOA_N
ClientSampled :

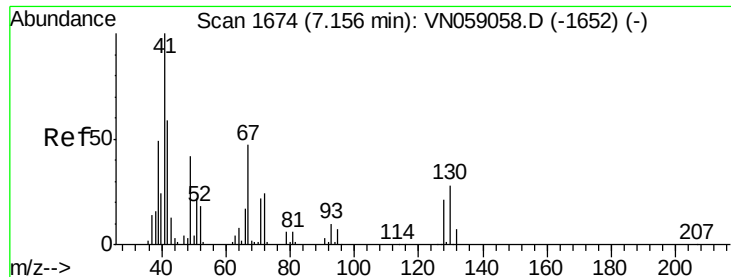
Tot Ion	83.00	Resp	154200
Ion Ratio	Lower	Upper	
83	100		
55	81.5	64.1	96.1
98	42.2	34.3	51.5



#40
Benzene
Concen: 19.802 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion	78	Resp	408483
Ion Ratio	Lower	Upper	
78	100		
77	22.7	18.6	27.8

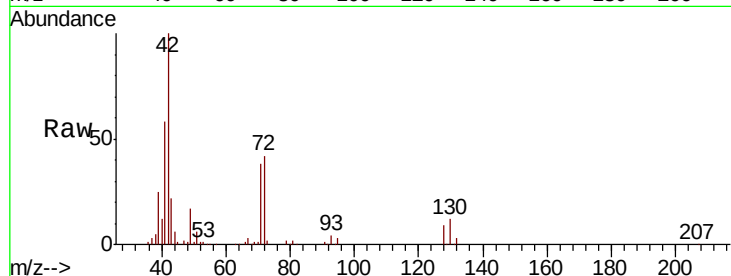




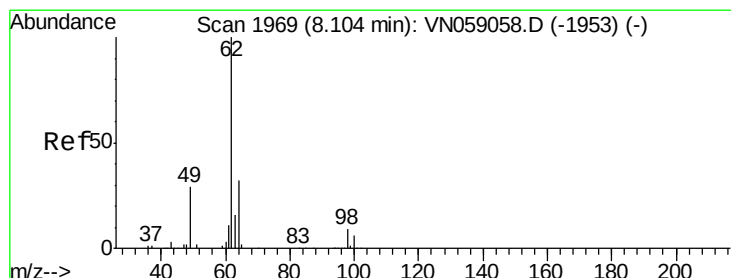
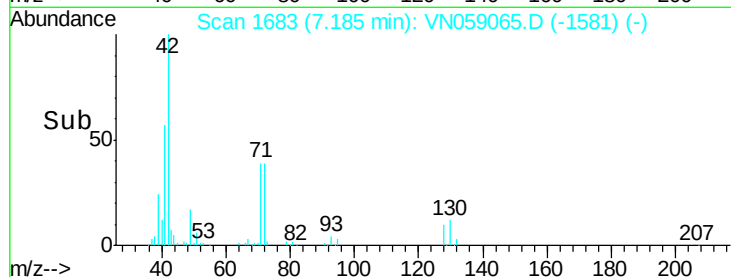
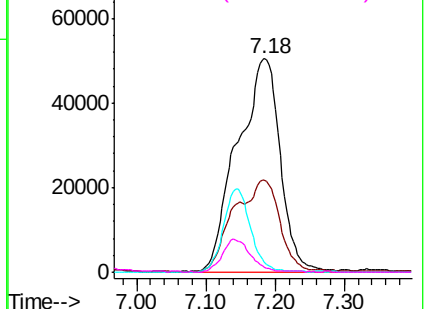
#41
Methacrylonitrile
Concen: 65.062 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	217284
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

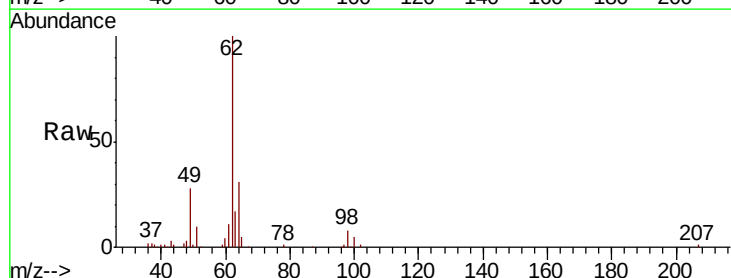


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

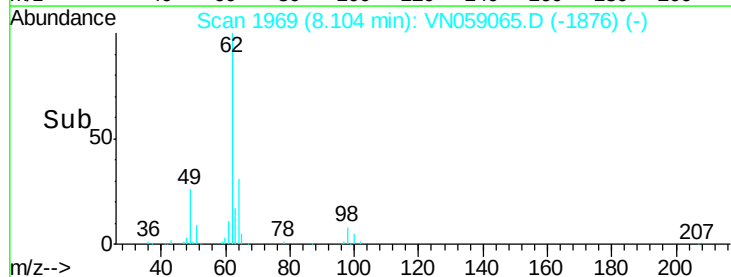
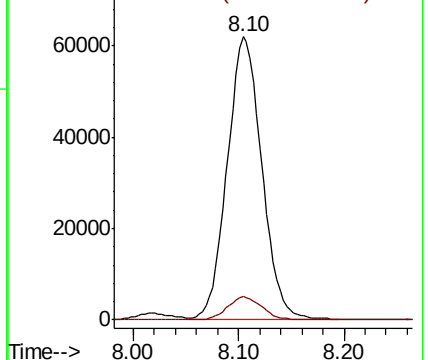


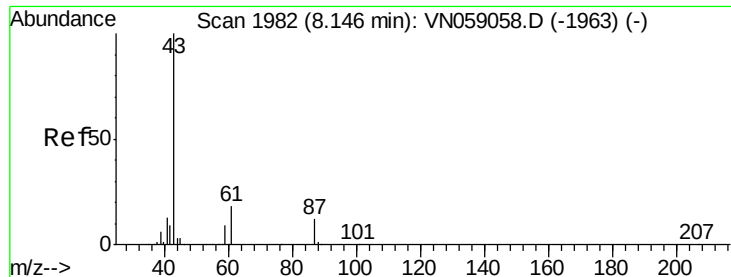
#42
1,2-Dichloroethane
Concen: 19.582 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion:	62	Resp:	140290
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.055 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

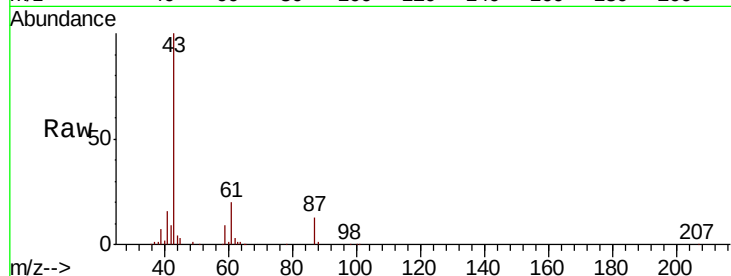
Tot Ion: 43 Resp: 230138

Ion Ratio Lower Upper

43 100

61 26.3 20.5 30.7

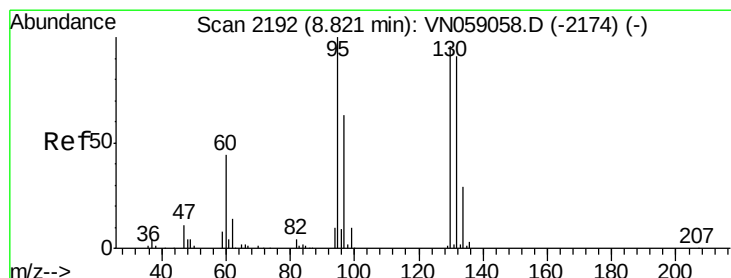
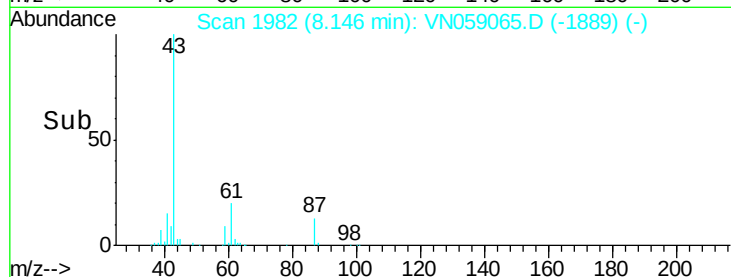
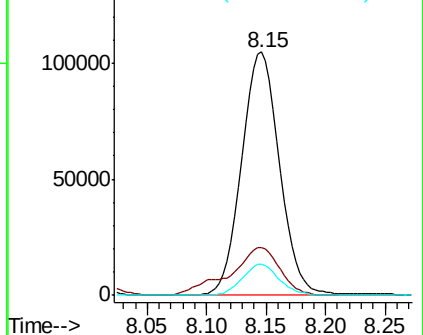
87 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059058.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059058.D (-1963) (-)



#44

Trichloroethene

Concen: 19.222 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN059065.D

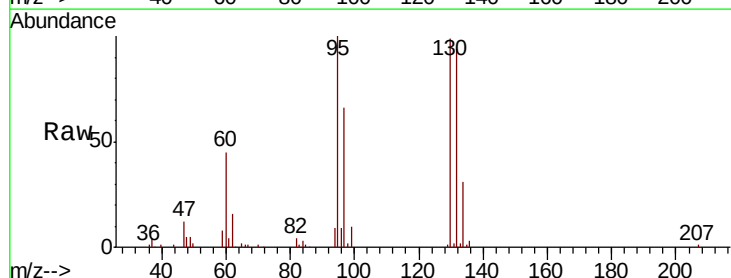
Acq: 1 Nov 2019 16:20

Tgt Ion:130 Resp: 97562

Ion Ratio Lower Upper

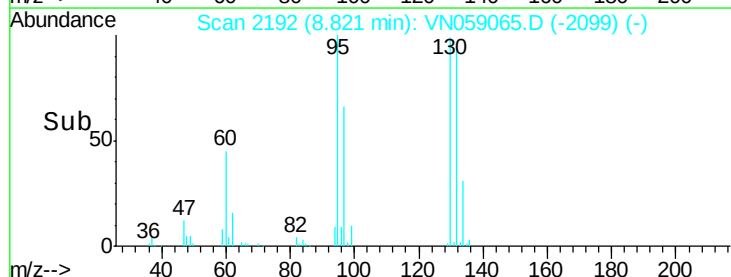
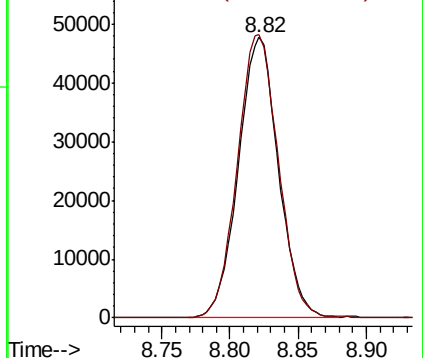
130 100

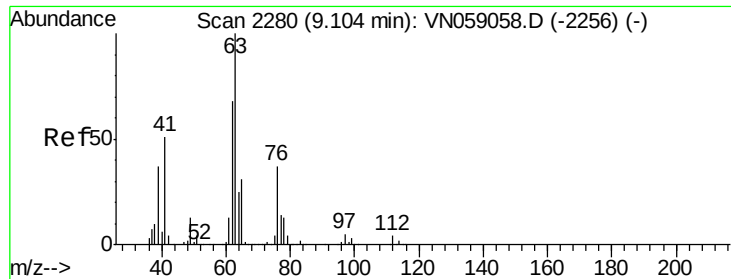
95 101.0 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN059058.D (-2174) (-)

Ion 94.90 (94.60 to 95.60): VN059058.D (-2174) (-)

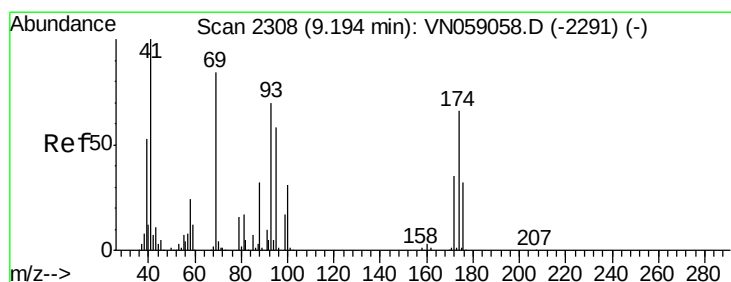
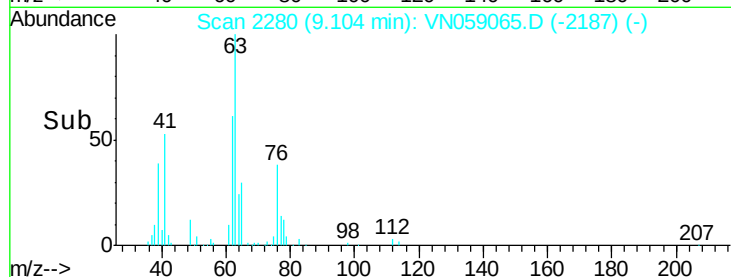
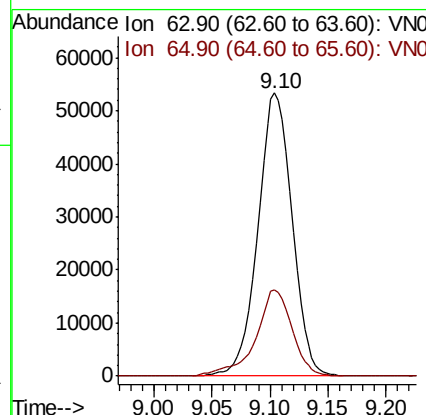
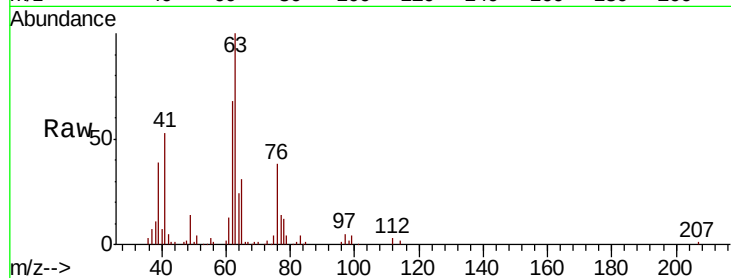




#45
 1,2-Dichloropropane
 Concen: 19.664 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

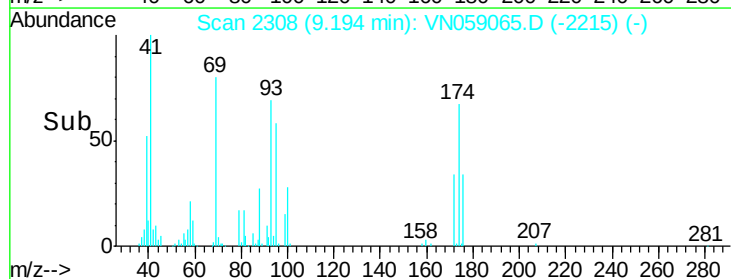
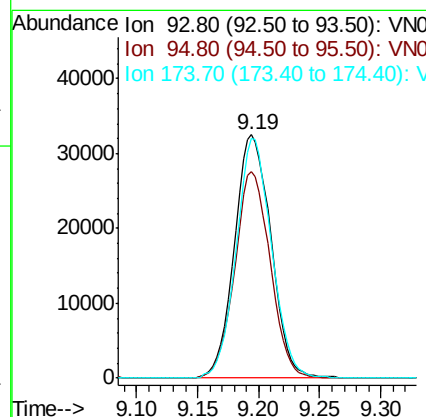
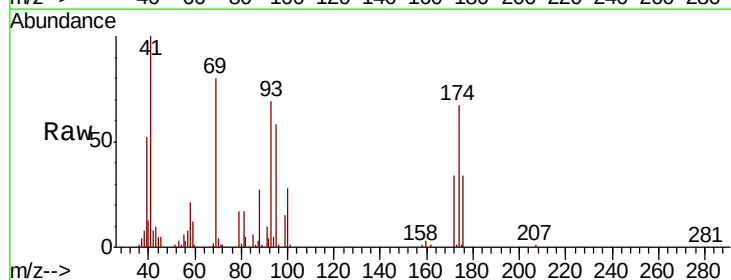
Instrument :
 MSVOA_N
 ClientSampled :

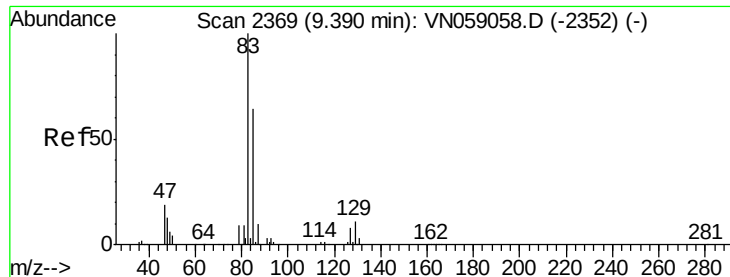
Tot Ion: 63 Resp: 109704
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.6



#46
 Dibromomethane
 Concen: 19.599 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

Tgt Ion: 93 Resp: 67578
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.2 100.8
 174 95.4 78.3 117.5





#47

Bromodichloromethane

Concen: 19.466 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

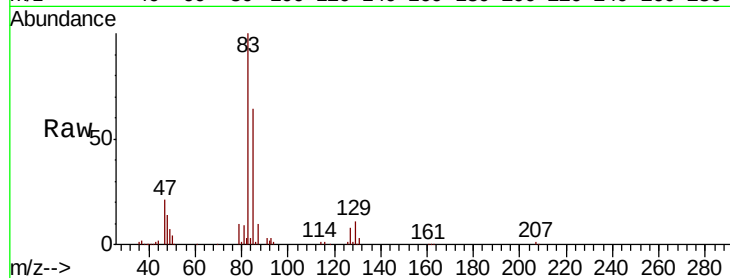
Tot Ion: 83 Resp: 135933

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

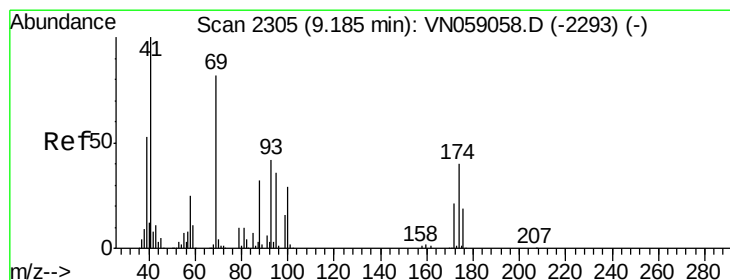
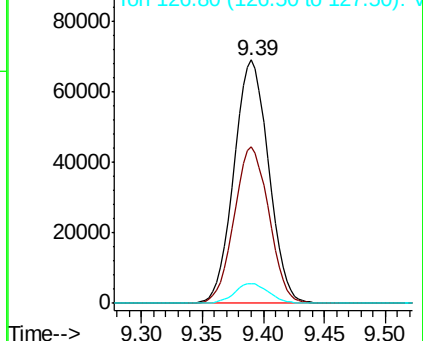
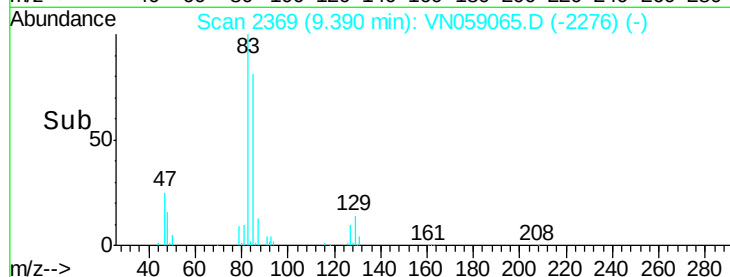
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN059065.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059065.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059065.D (-2276) (-)



#48

Methyl methacrylate

Concen: 19.068 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

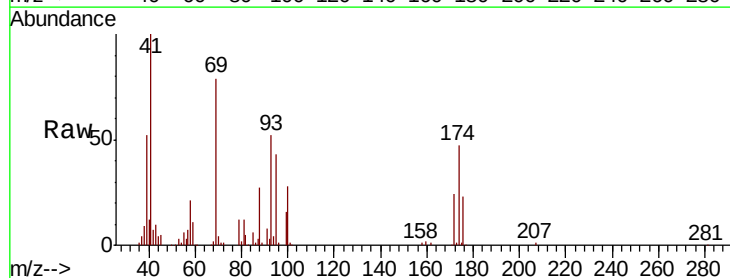
Tgt Ion: 41 Resp: 105006

Ion Ratio Lower Upper

41 100

69 82.2 67.1 100.7

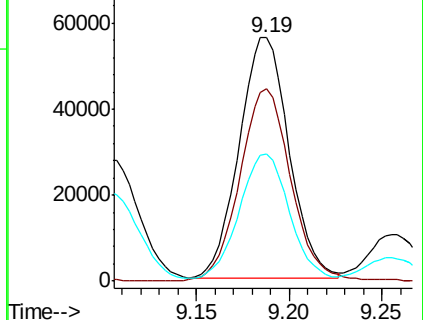
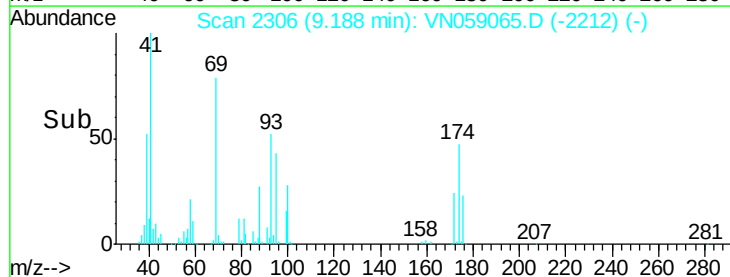
39 53.1 43.3 64.9

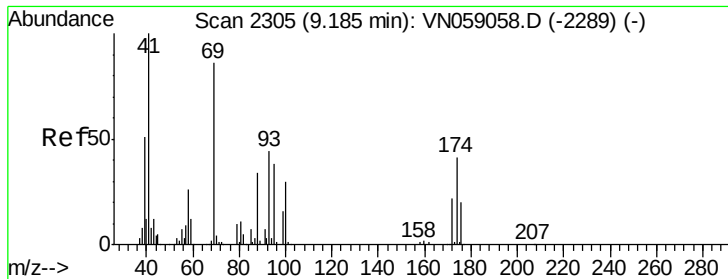


Abundance Ion 41.00 (40.70 to 41.70): VN059065.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059065.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059065.D (-2212) (-)

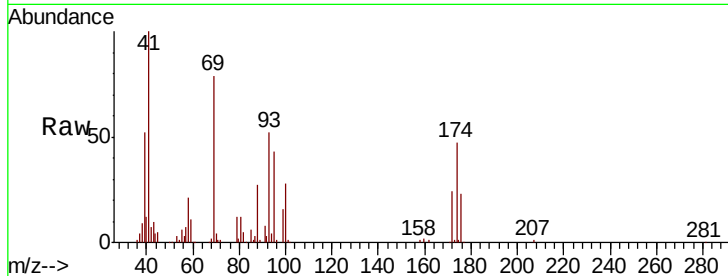




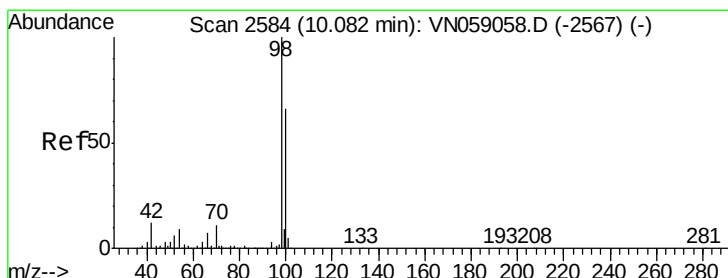
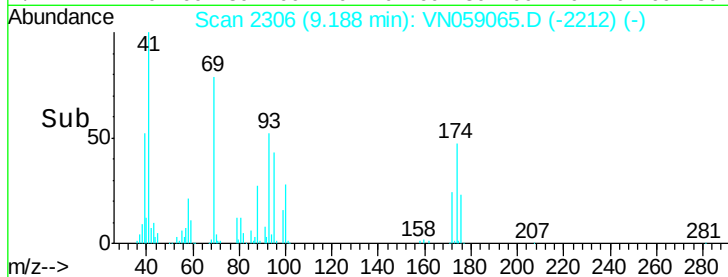
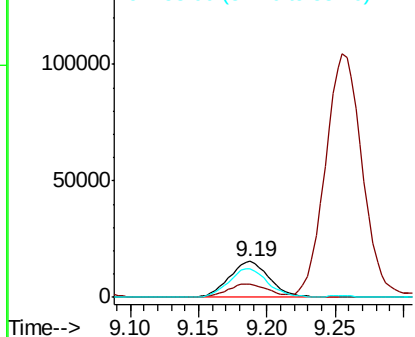
#49
1,4-Dioxane
Concen: 353.182 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 31727
Ion Ratio Lower Upper
88 100
43 37.9 26.2 39.2
58 77.6 59.1 88.7

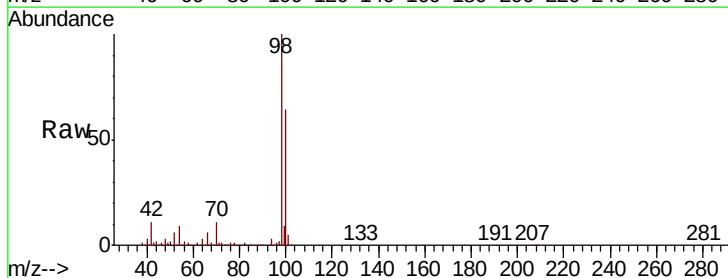


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

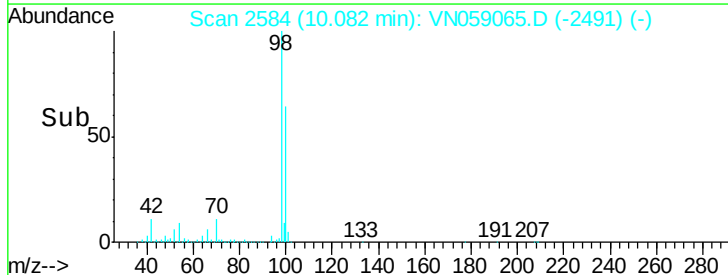
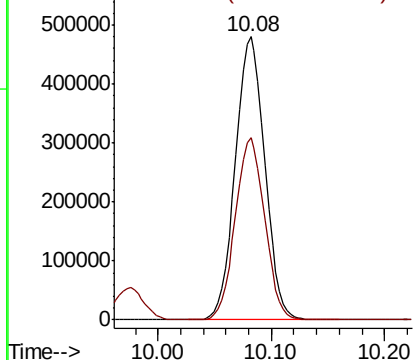


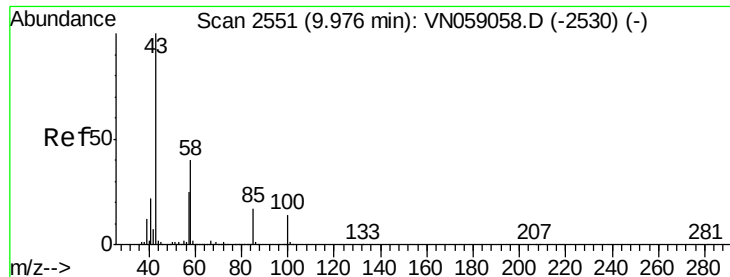
#50
Toluene-d8
Concen: 49.640 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion: 98 Resp: 871971
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 105.723 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

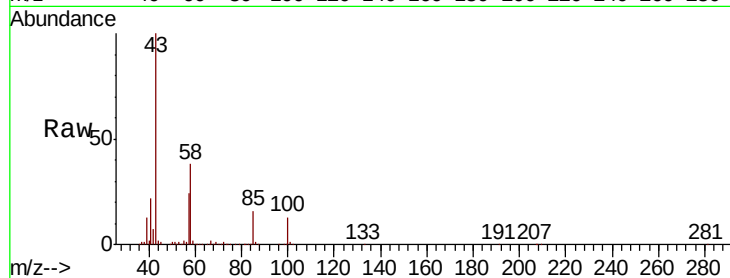
ClientSampleId :

Tot Ion: 43 Resp: 741773

Ion Ratio Lower Upper

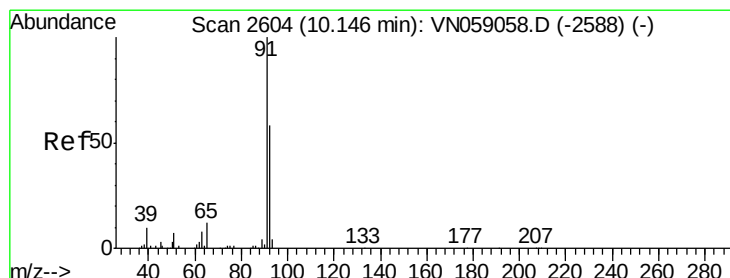
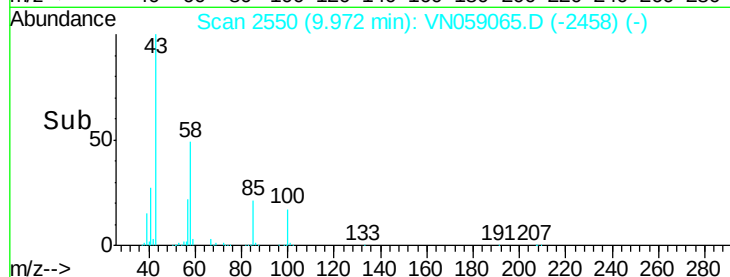
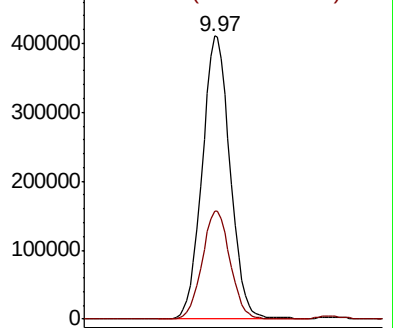
43 100

58 38.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D

Ion 58.00 (57.70 to 58.70): VN059058.D



#52

Toluene

Concen: 20.253 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059065.D

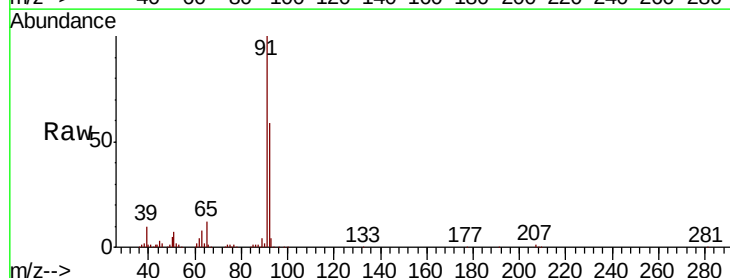
Acq: 1 Nov 2019 16:20

Tgt Ion: 92 Resp: 244805

Ion Ratio Lower Upper

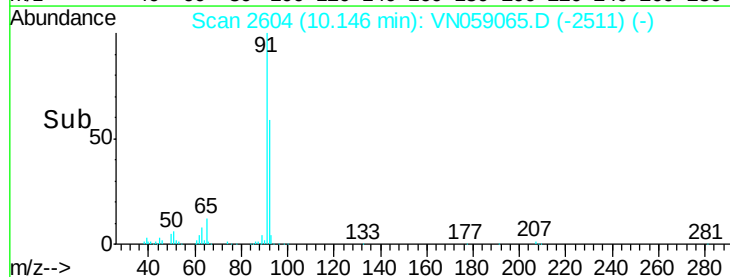
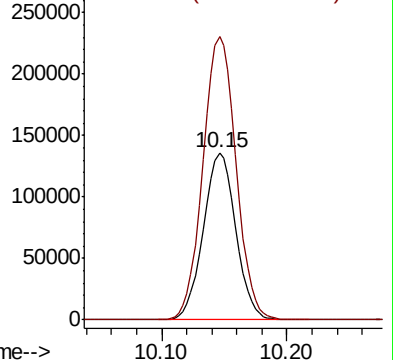
92 100

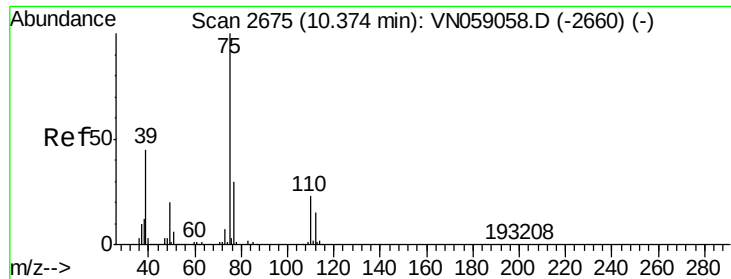
91 173.2 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN059058.D

Ion 91.00 (90.70 to 91.70): VN059058.D





#53

t-1,3-Dichloropropene

Concen: 19.098 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

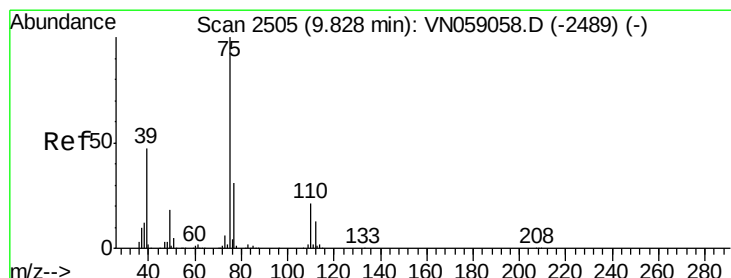
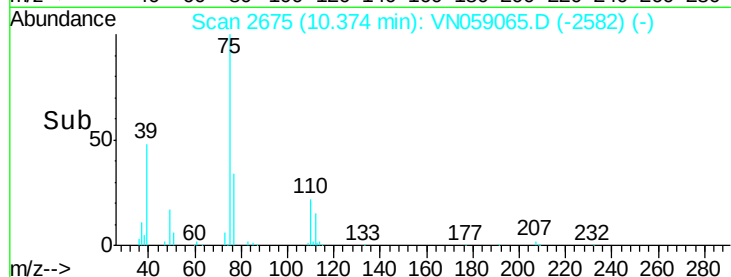
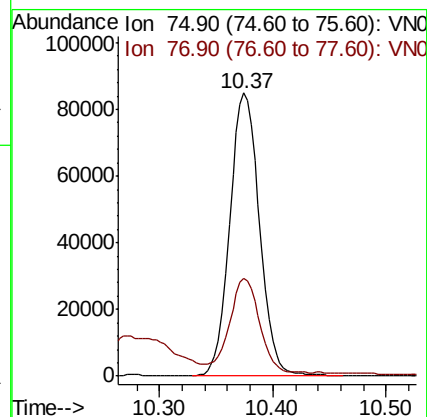
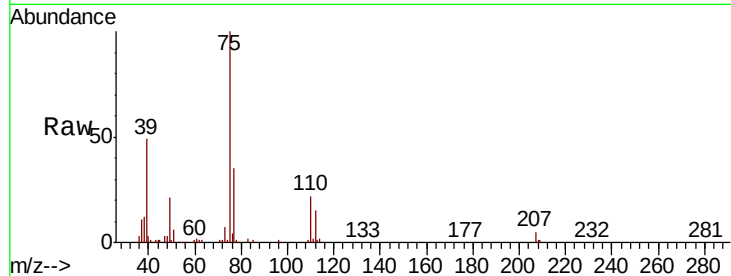
ClientSampleId :

Tot Ion: 75 Resp: 154206

Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.680 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

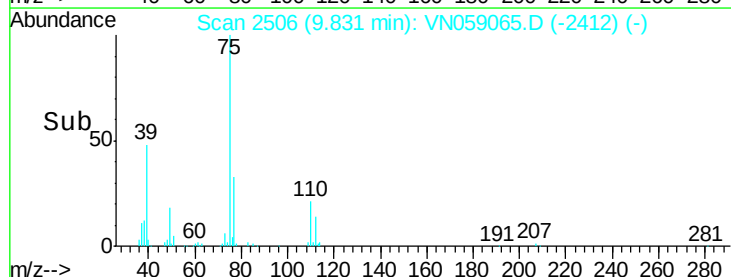
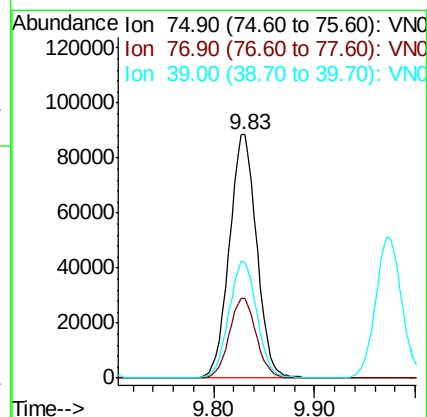
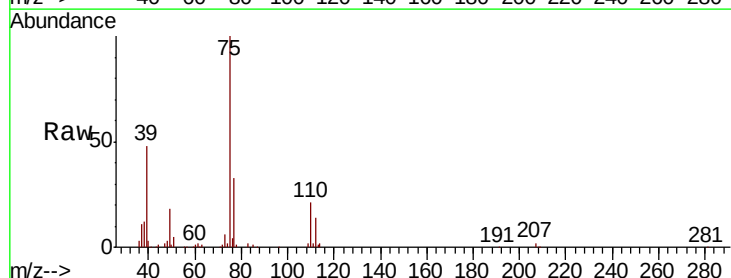
Tgt Ion: 75 Resp: 167609

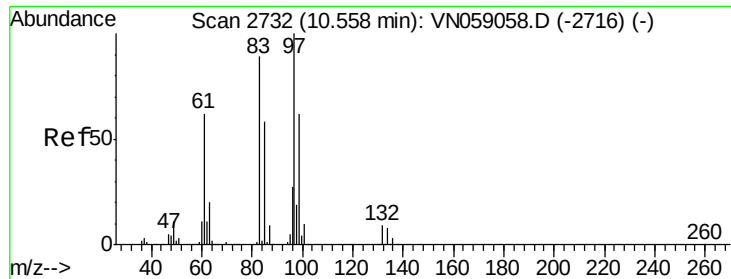
Ion Ratio Lower Upper

75 100

77 32.9 24.6 37.0

39 47.5 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 19.497 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 96000

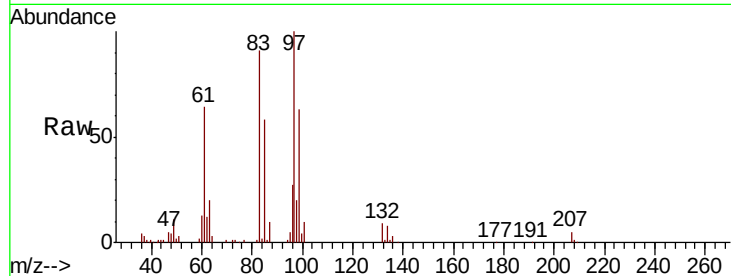
Ion Ratio Lower Upper

97 100

83 91.2 71.4 107.2

85 58.3 46.6 70.0

99 63.0 49.7 74.5



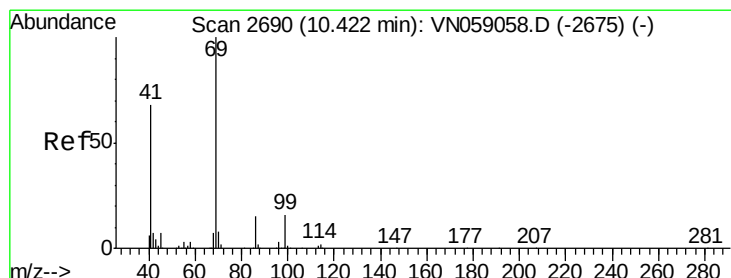
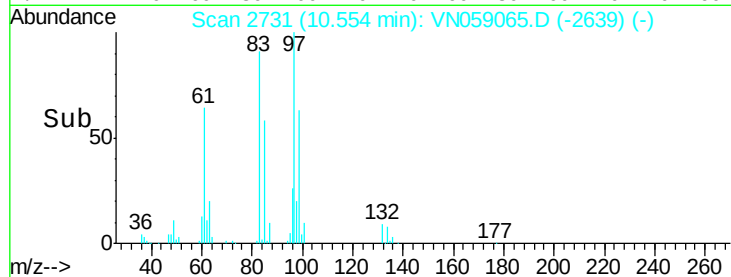
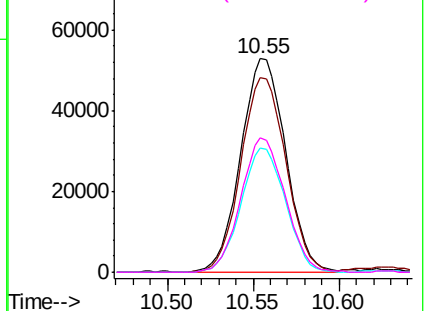
Abundance

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: 18.353 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

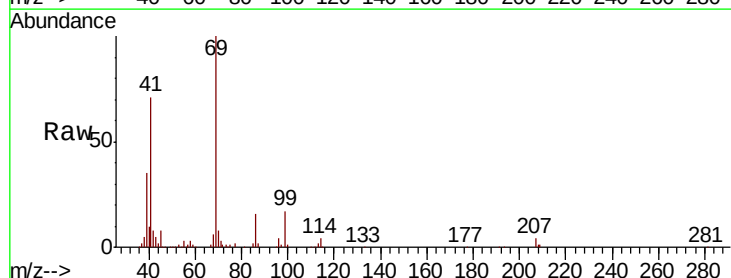
Tgt Ion: 69 Resp: 143152

Ion Ratio Lower Upper

69 100

41 69.5 53.8 80.8

39 34.8 26.2 39.2

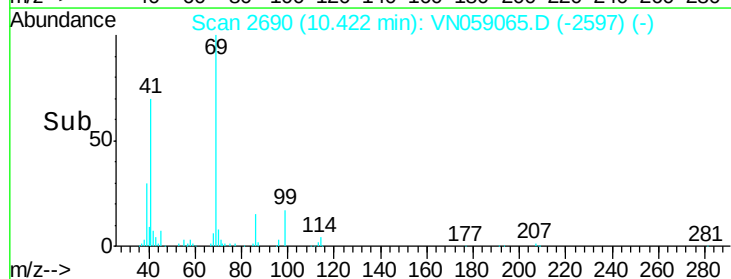
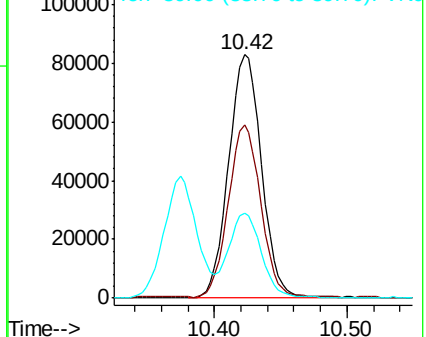


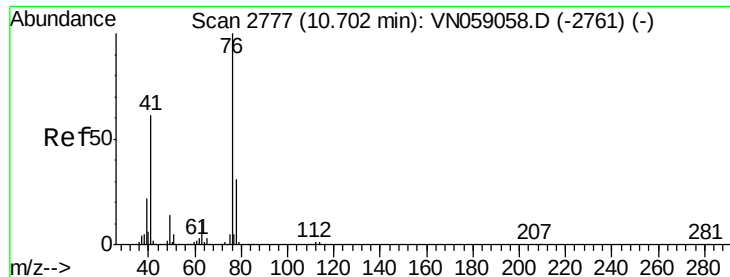
Abundance

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: 19.606 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

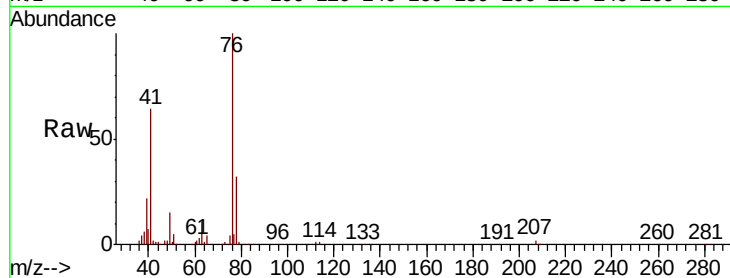
ClientSampled :

Tot Ion: 76 Resp: 167888

Ion Ratio Lower Upper

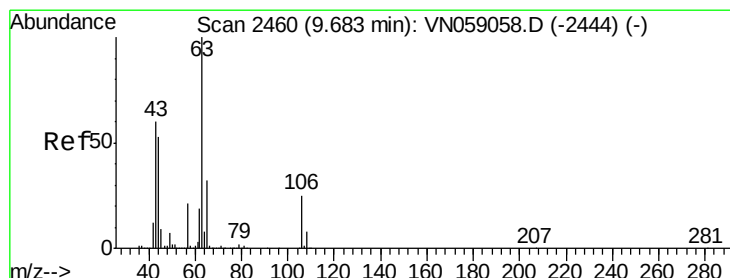
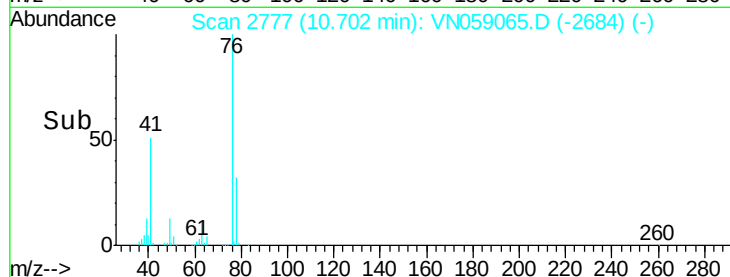
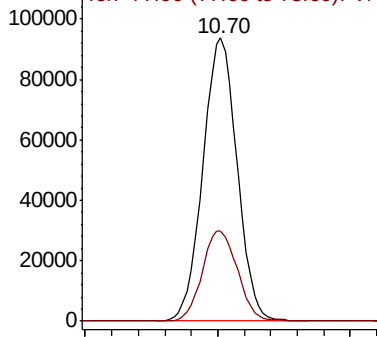
76 100

78 32.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 100.427 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059065.D

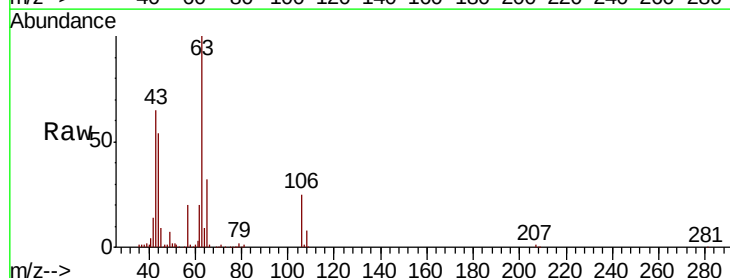
Acq: 1 Nov 2019 16:20

Tgt Ion: 63 Resp: 302222

Ion Ratio Lower Upper

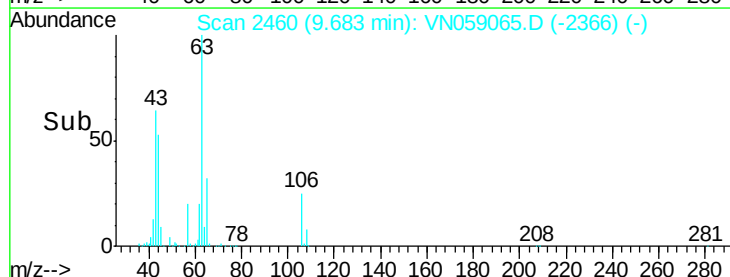
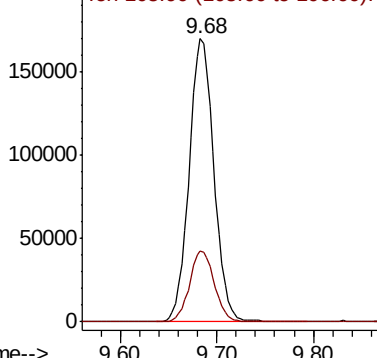
63 100

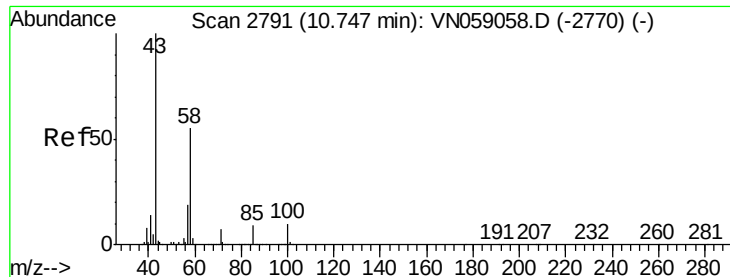
106 25.0 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

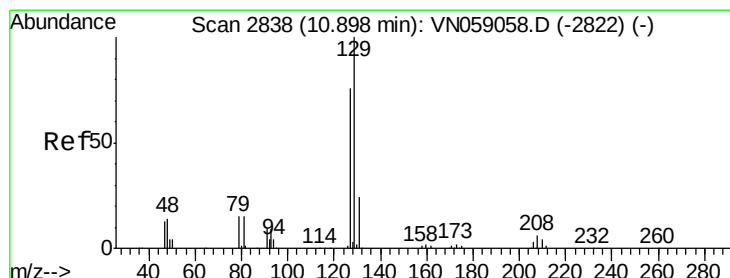
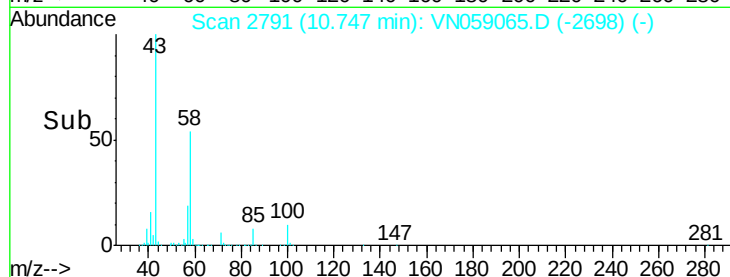
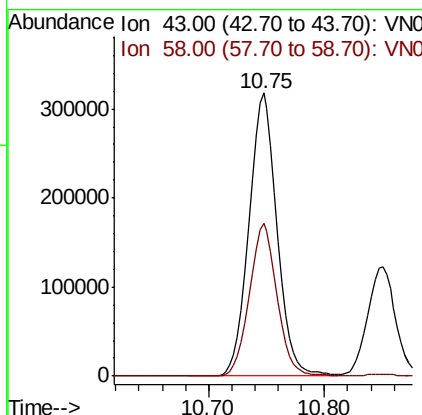
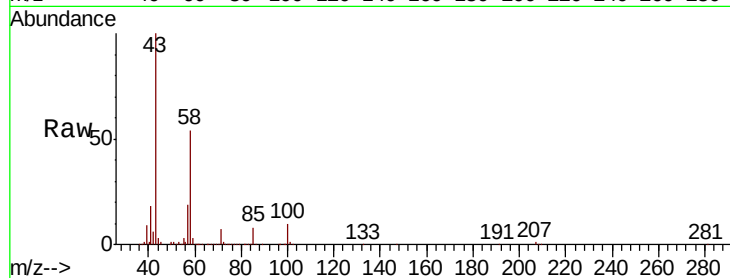




#59
2-Hexanone
Concen: 100.628 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

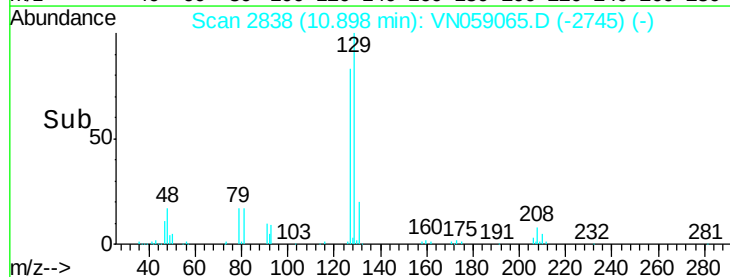
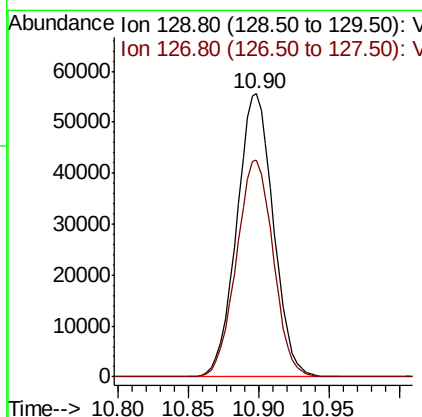
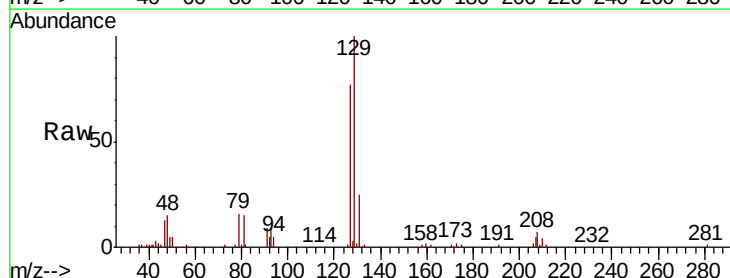
Instrument :
MSVOA_N
ClientSampled :

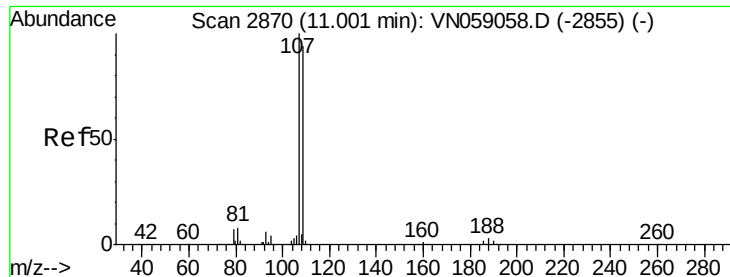
Tot Ion: 43 Resp: 536367
Ion Ratio Lower Upper
43 100
58 53.6 27.4 82.2



#60
Dibromochloromethane
Concen: 19.044 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion: 129 Resp: 101055
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.817 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

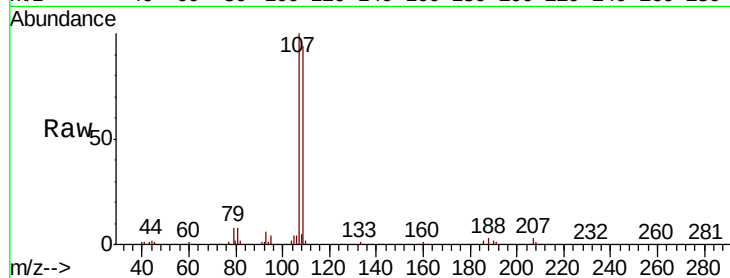
ClientSampleId :

Tot Ion: 107 Resp: 98849

Ion Ratio Lower Upper

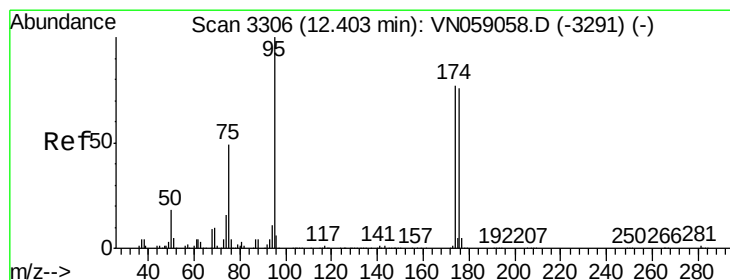
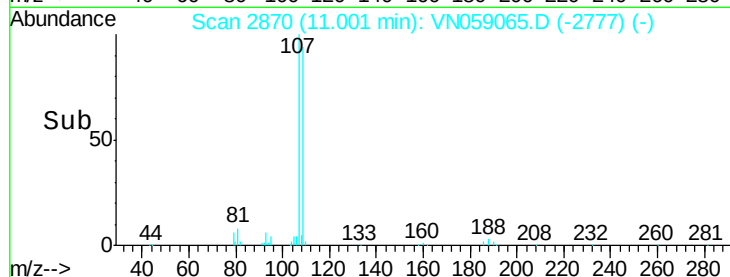
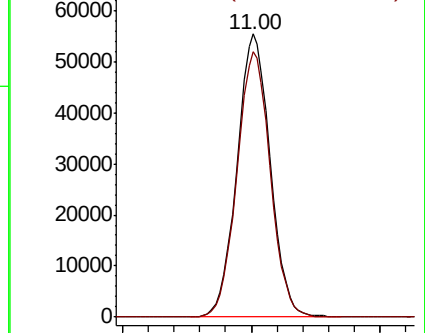
107 100

109 94.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.985 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

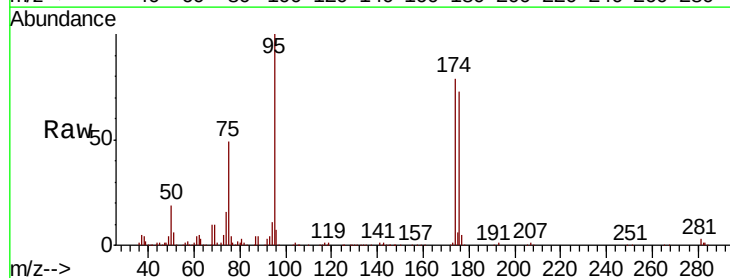
Tgt Ion: 95 Resp: 303000

Ion Ratio Lower Upper

95 100

174 77.6 0.0 155.8

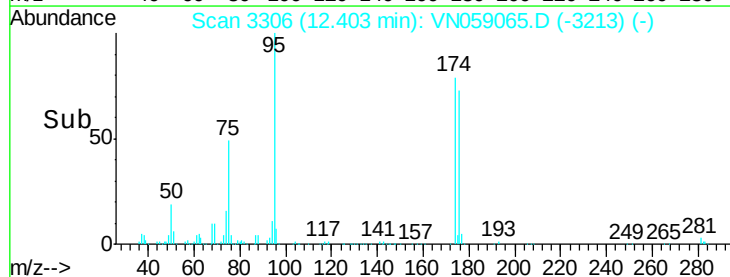
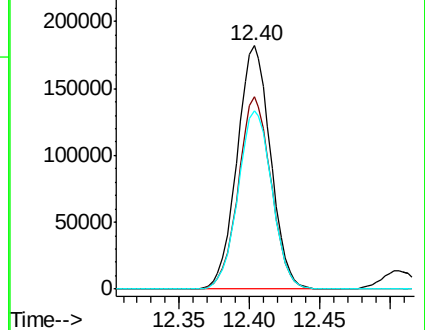
176 74.4 0.0 151.6

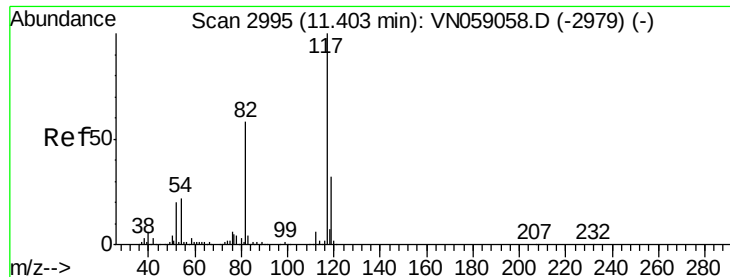


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

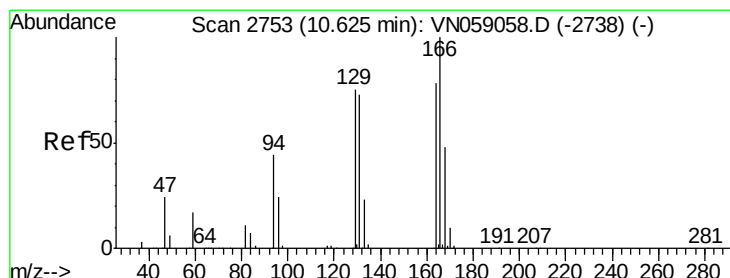
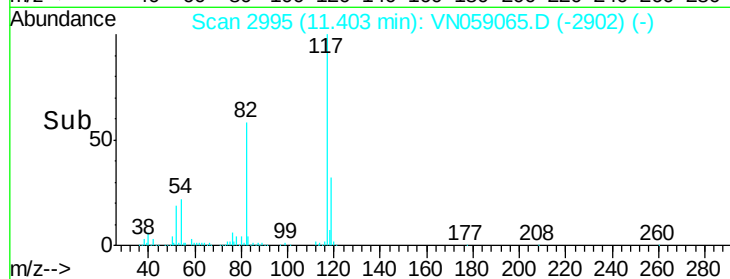
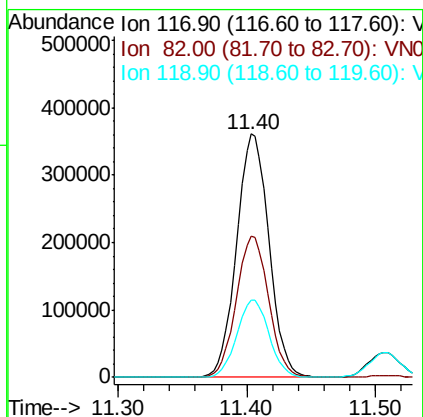
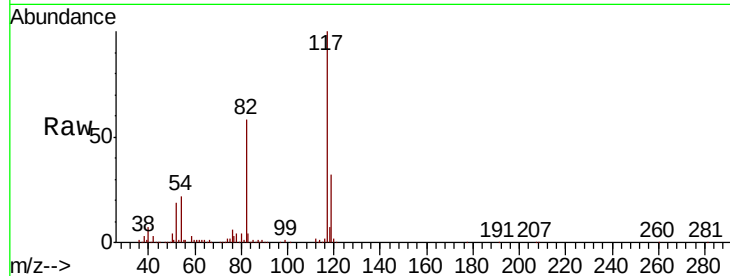




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

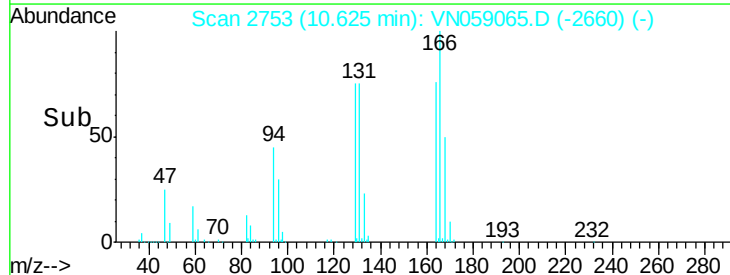
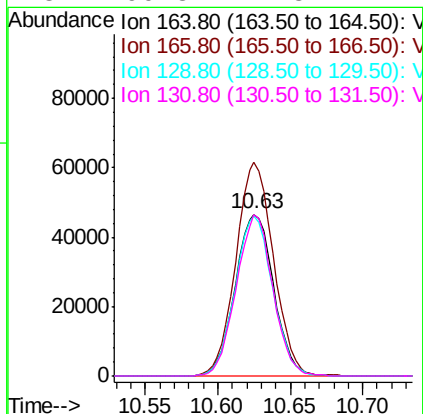
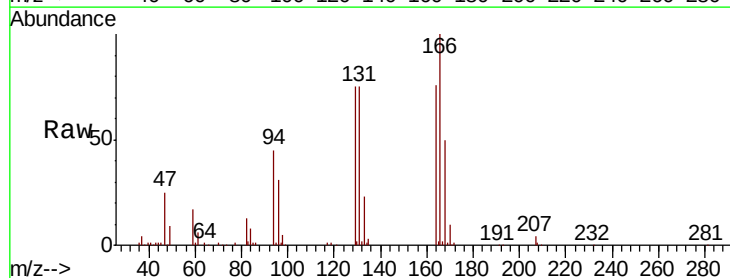
Instrument :
MSVOA_N
ClientSampled :

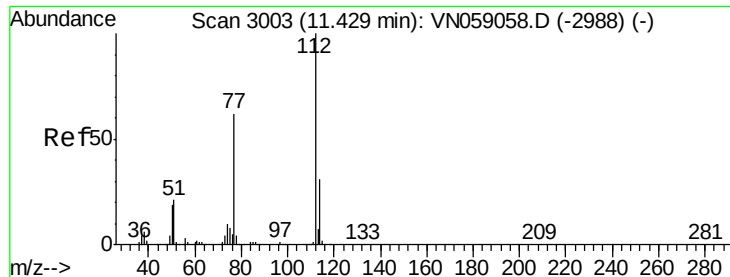
Tot Ion:117 Resp: 629951
Ion Ratio Lower Upper
117 100
82 58.0 46.0 69.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 19.556 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion:164 Resp: 86057
Ion Ratio Lower Upper
164 100
166 132.0 102.7 154.1
129 98.6 77.3 115.9
131 99.3 74.8 112.2





#65

Chlorobenzene

Concen: 19.333 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

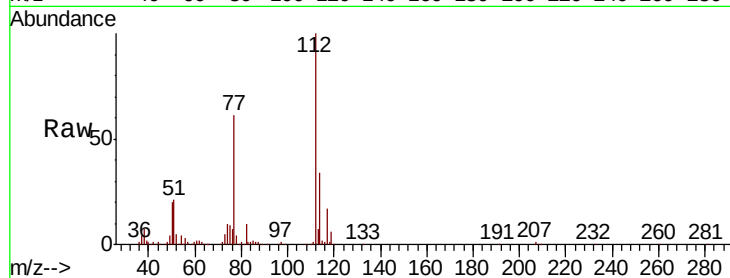
ClientSampled :

Tot Ion:112 Resp: 249964

Ion Ratio Lower Upper

112 100

114 33.7 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

150000

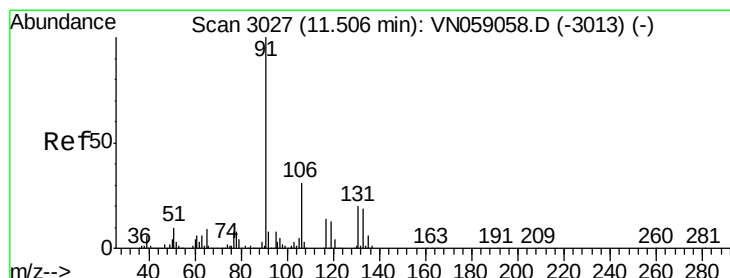
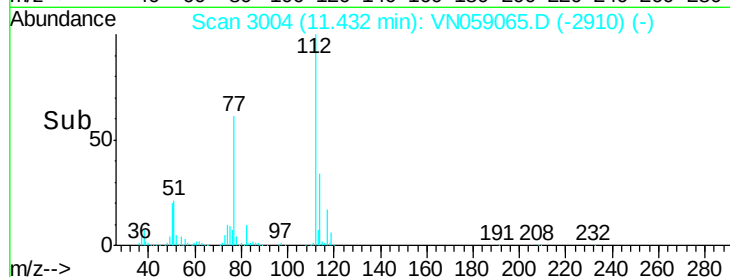
100000

50000

0

Time-->

11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 19.767 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

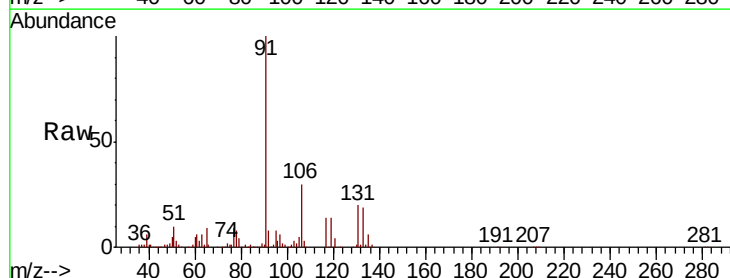
Tgt Ion:131 Resp: 94027

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 67.6 33.5 100.5



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

120000

100000

80000

60000

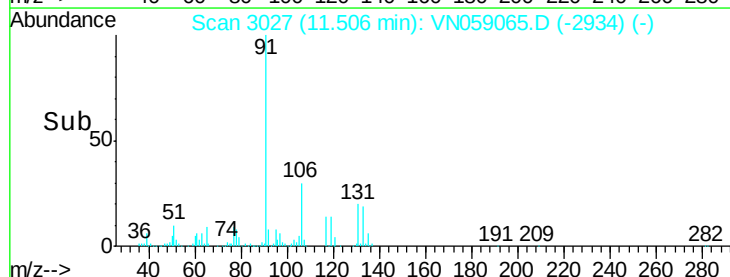
40000

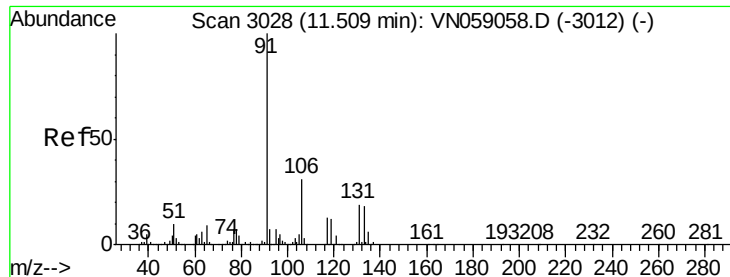
20000

0

Time-->

11.45 11.50 11.55





#67

Ethyl Benzene

Concen: 20.368 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

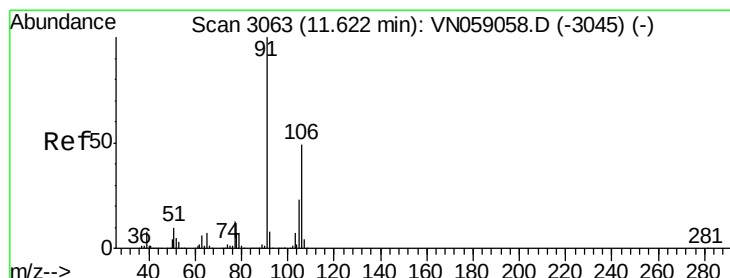
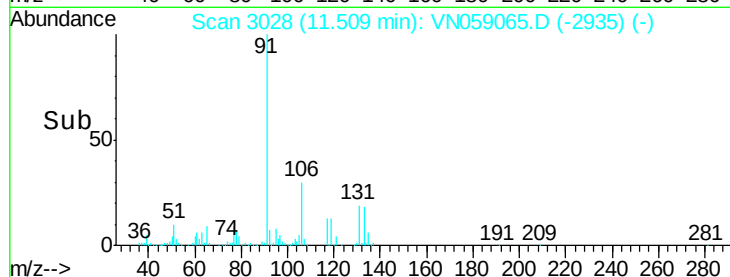
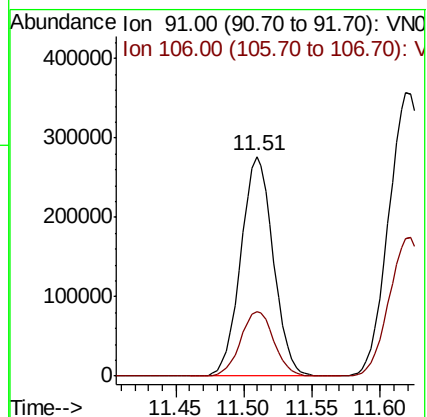
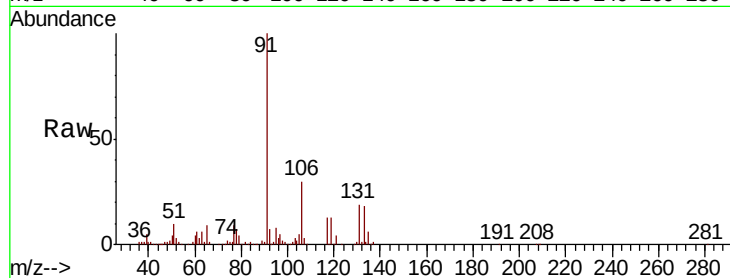
ClientSampleId :

Tot Ion: 91 Resp: 455877

Ion Ratio Lower Upper

91 100

106 29.6 24.6 36.8



#68

m/p-Xylenes

Concen: 40.200 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059065.D

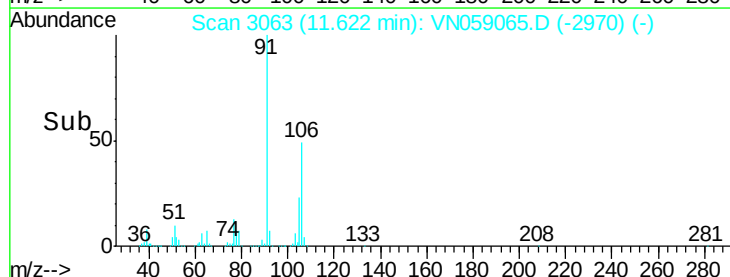
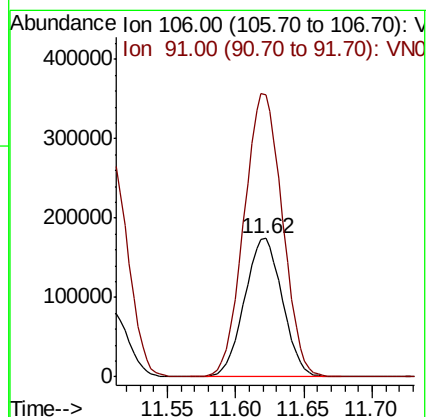
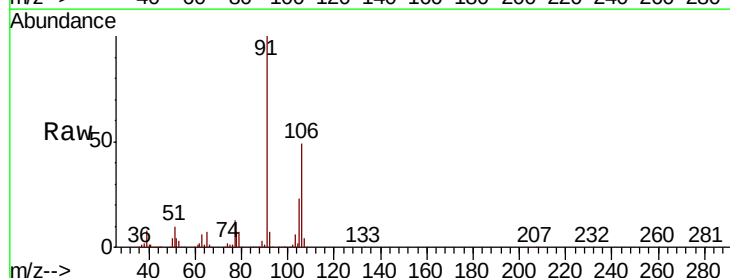
Acq: 1 Nov 2019 16:20

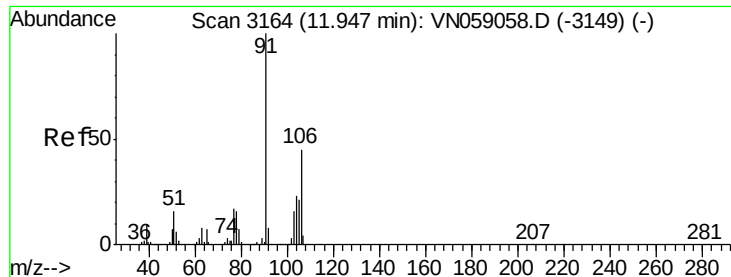
Tgt Ion: 106 Resp: 335978

Ion Ratio Lower Upper

106 100

91 207.0 165.7 248.5

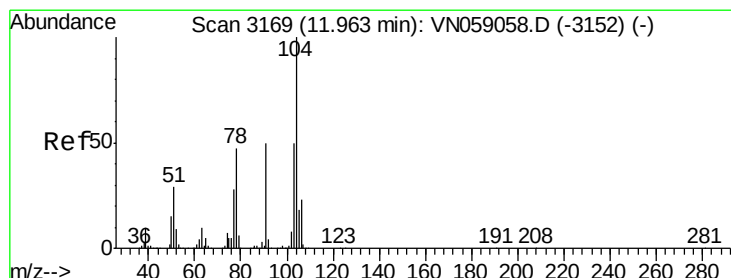
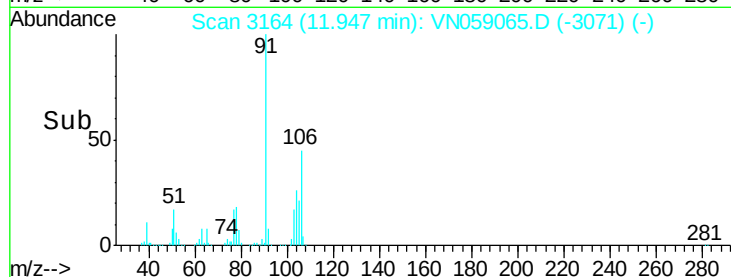
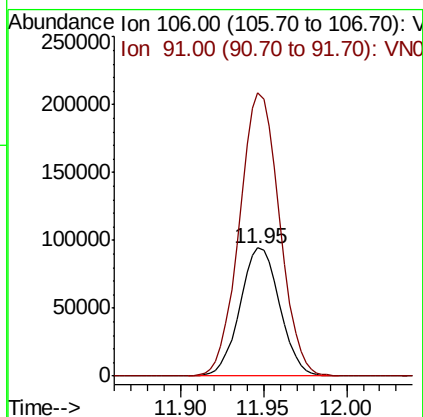
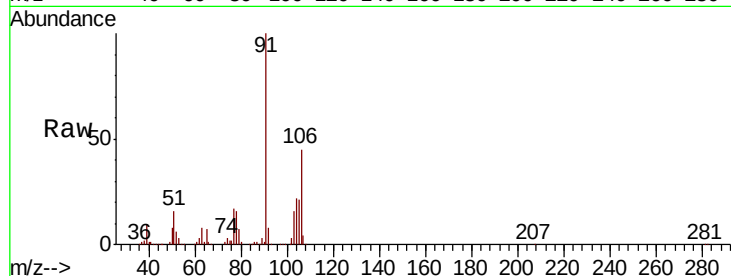




#69
o-Xylene
Concen: 19.808 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

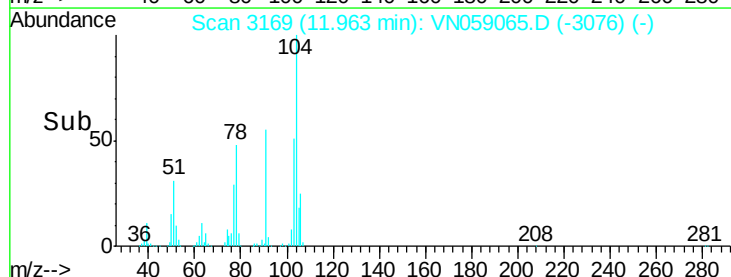
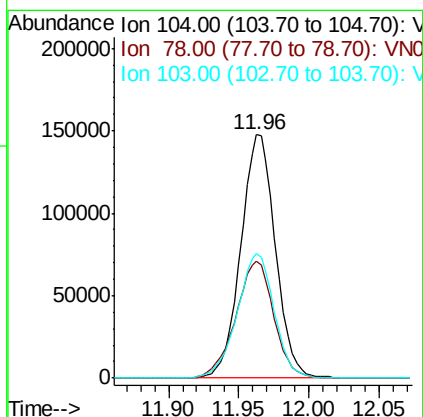
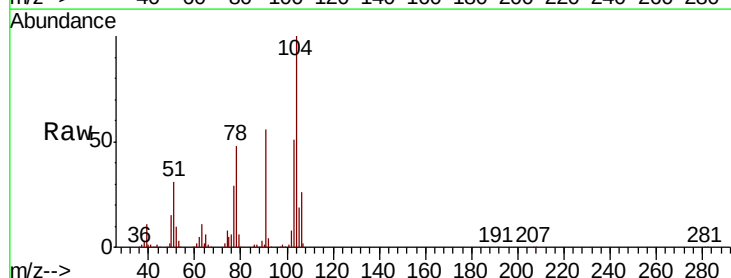
Instrument :
MSVOA_N
ClientSampled :

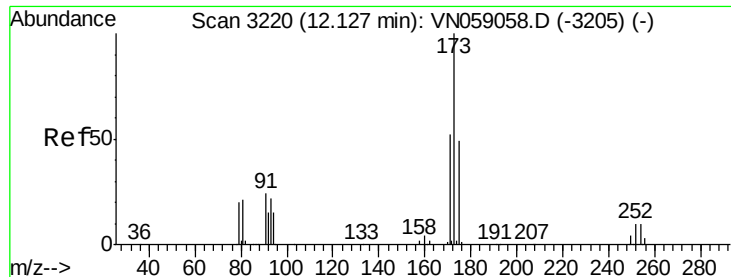
Tot Ion:106 Resp: 158082
Ion Ratio Lower Upper
106 100
91 222.2 110.4 331.2



#70
Styrene
Concen: 19.616 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion:104 Resp: 253695
Ion Ratio Lower Upper
104 100
78 53.1 41.2 61.8
103 54.8 43.9 65.9





#71

Bromoform

Concen: 19.419 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

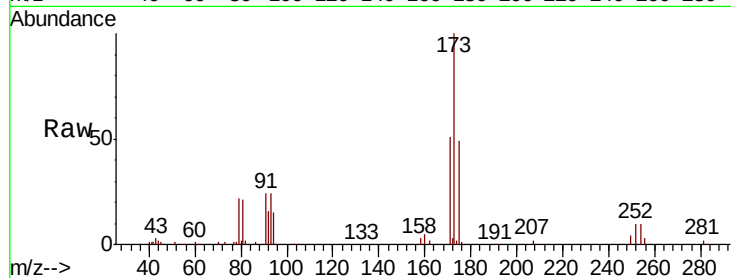
Tot Ion:173 Resp: 71500

Ion Ratio Lower Upper

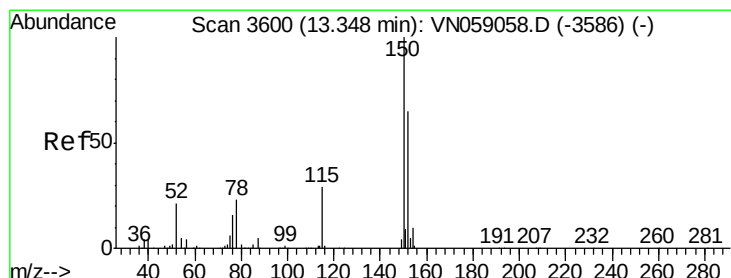
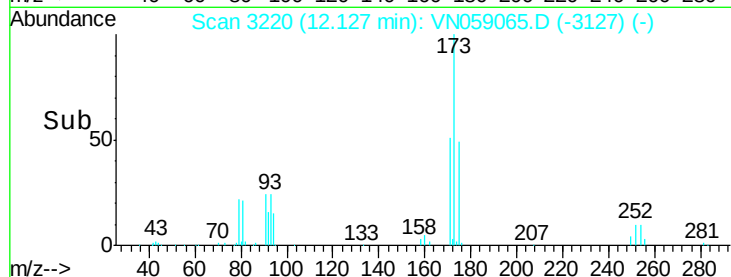
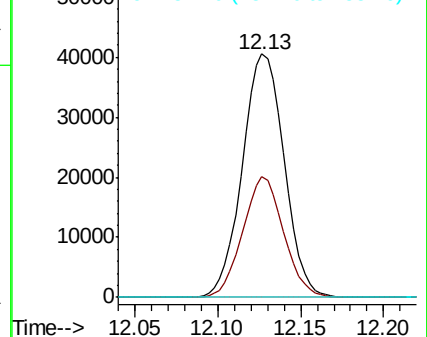
173 100

175 48.0 24.4 73.2

254 0.0 0.1 0.1#



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# 3600

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

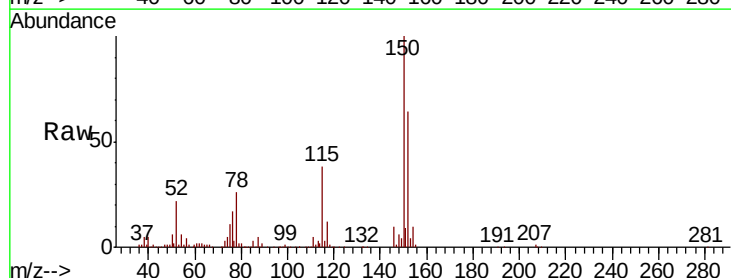
Tgt Ion:152 Resp: 282411

Ion Ratio Lower Upper

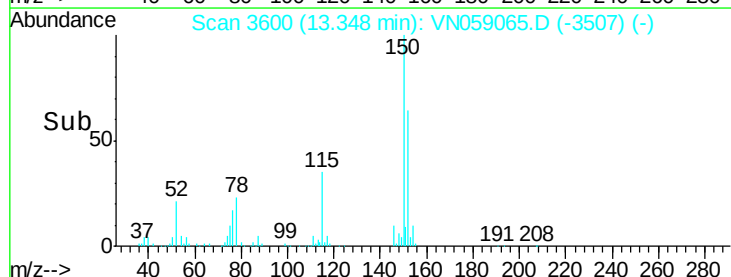
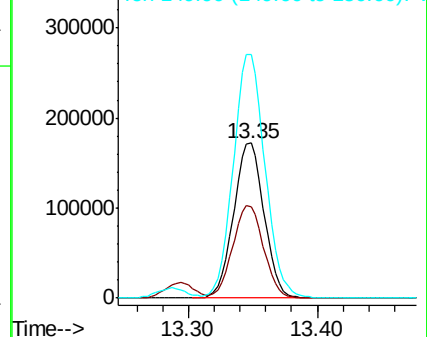
152 100

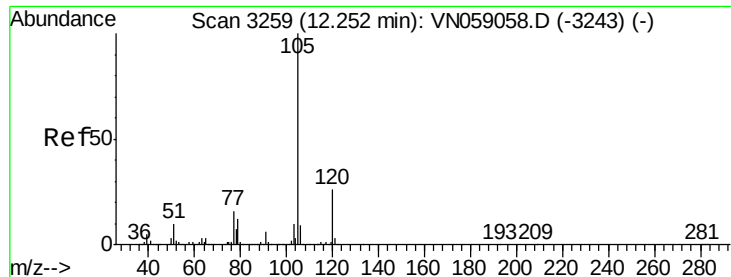
115 60.3 29.6 88.9

150 163.7 0.0 345.8



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: 20.684 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

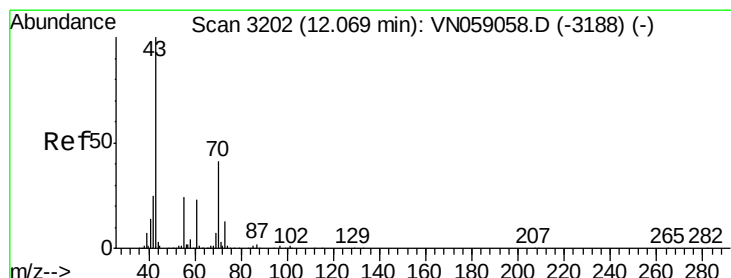
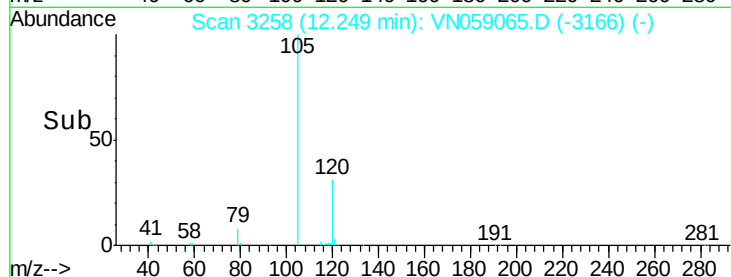
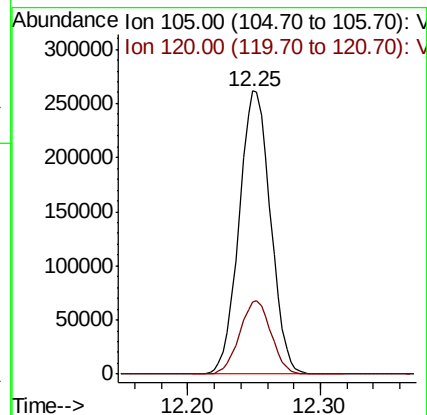
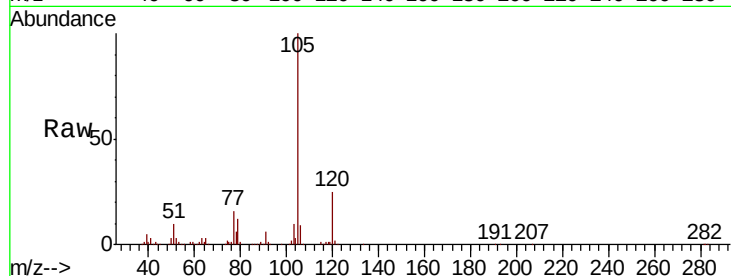
ClientSampleId :

Tot Ion:105 Resp: 429726

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 19.522 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Tgt Ion: 43 Resp: 180421

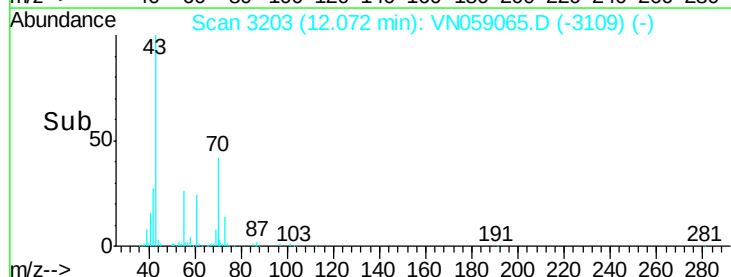
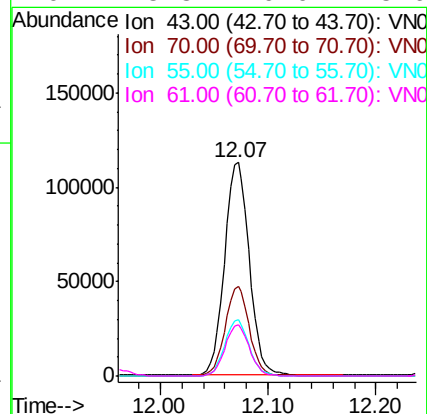
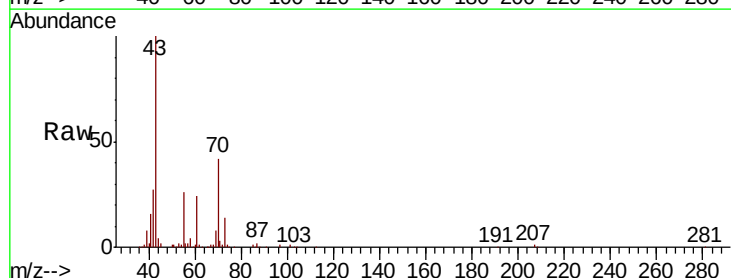
Ion Ratio Lower Upper

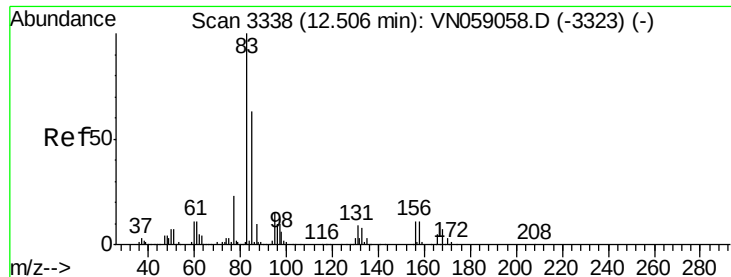
43 100

70 41.1 32.6 49.0

55 25.9 19.7 29.5

61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.911 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

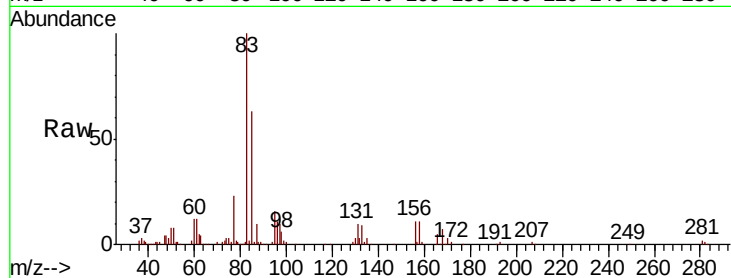
Tot Ion: 83 Resp: 147362

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

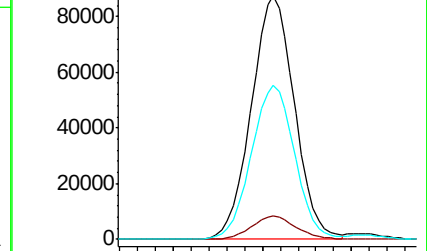
85 63.6 31.9 95.9



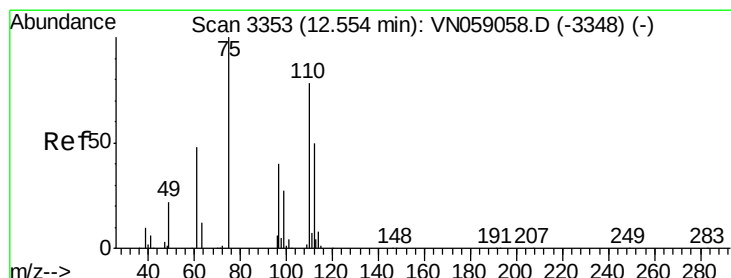
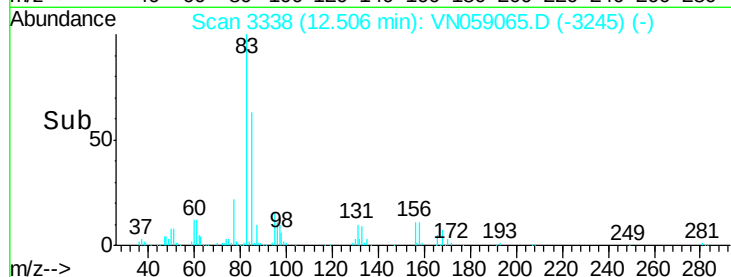
Abundance Ion 82.90 (82.60 to 83.60): VN059065.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059065.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059065.D (-3245) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.444 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN059065.D

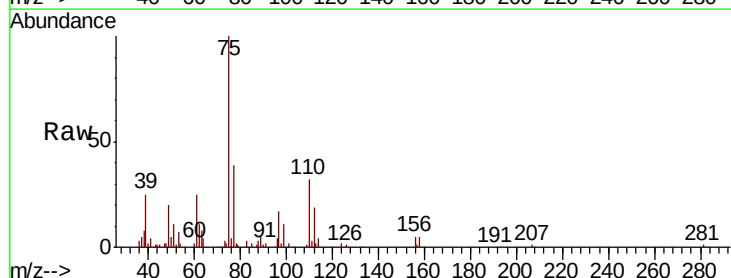
Acq: 1 Nov 2019 16:20

Tgt Ion: 75 Resp: 190088

Ion Ratio Lower Upper

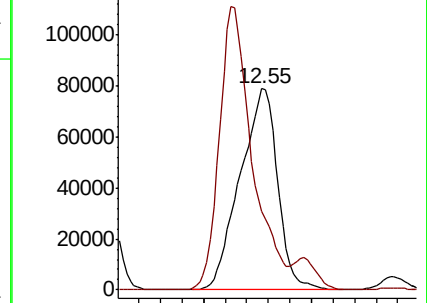
75 100

77 0.0 0.0 0.0

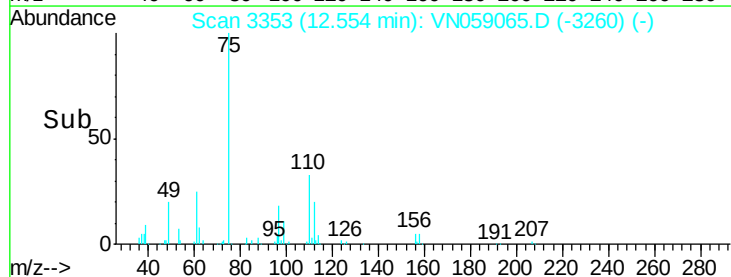


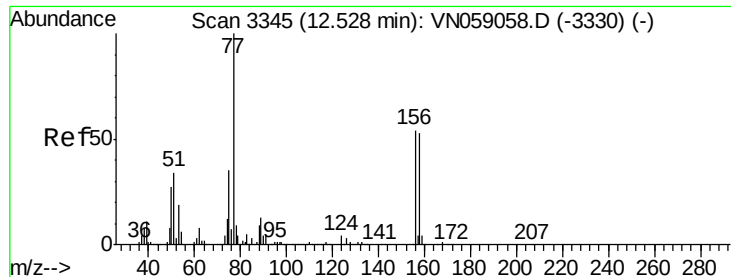
Abundance Ion 74.90 (74.60 to 75.60): VN059065.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059065.D (-3260) (-)



Time-->





#77

Bromobenzene

Concen: 20.103 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

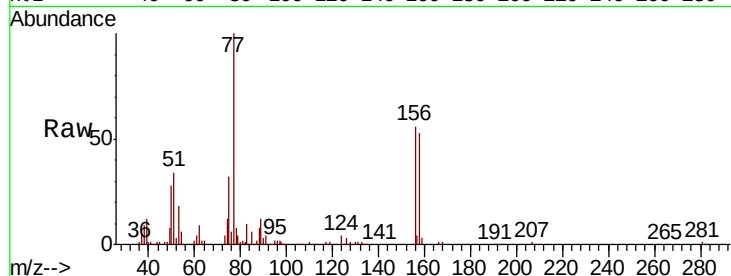
Tot Ion:156 Resp: 104433

Ion Ratio Lower Upper

156 100

77 224.7 114.2 342.6

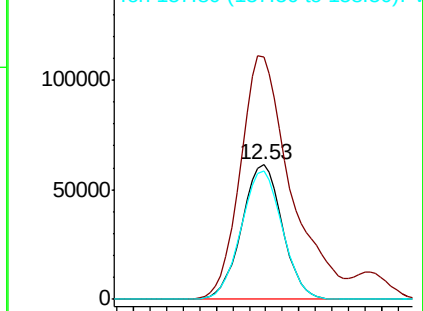
158 97.1 49.6 149.0



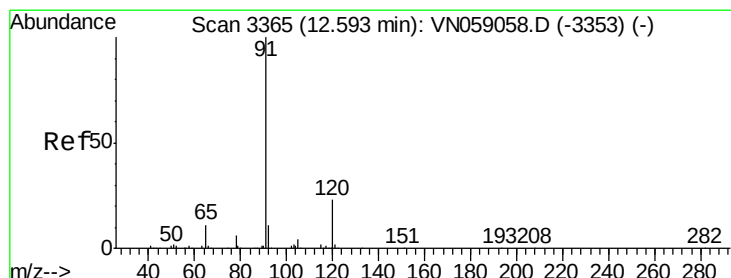
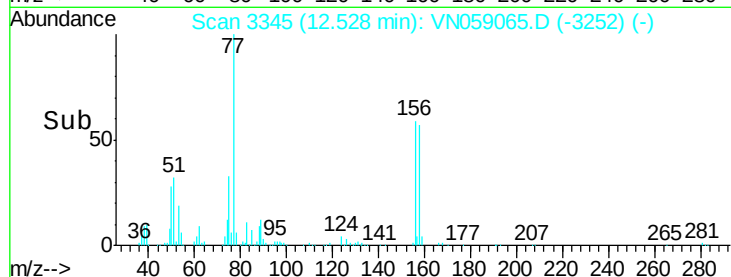
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.644 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN059065.D

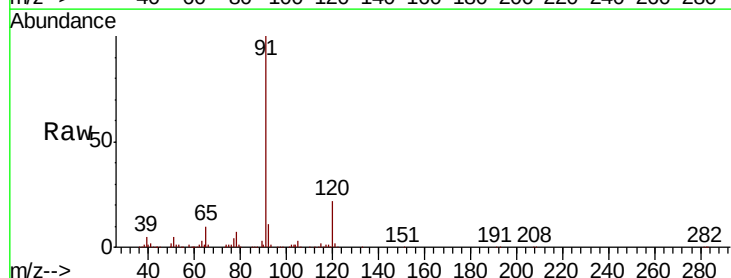
Acq: 1 Nov 2019 16:20

Tgt Ion: 91 Resp: 496751

Ion Ratio Lower Upper

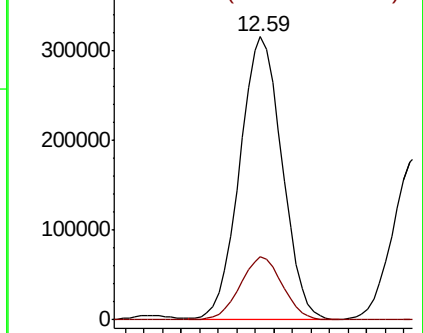
91 100

120 22.3 11.2 33.5

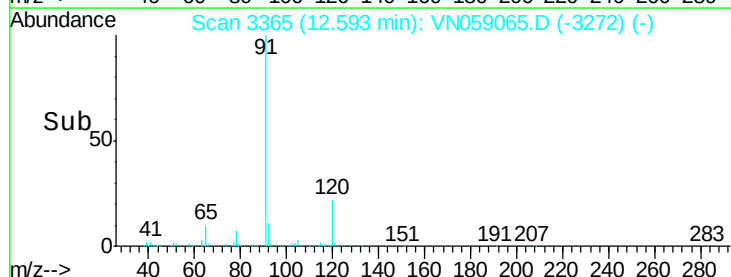


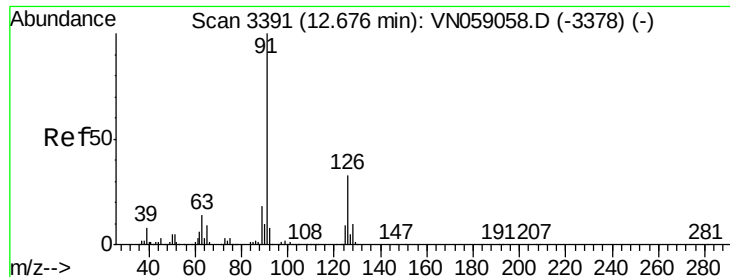
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 19.966 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

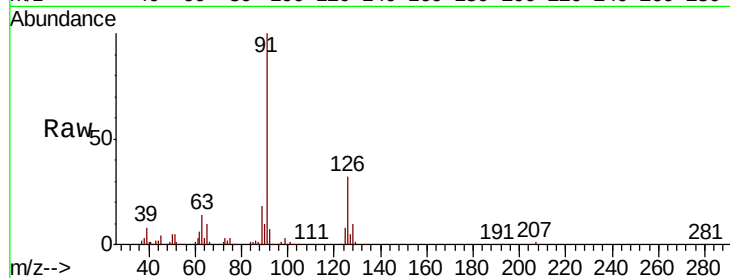
ClientSampled :

Tot Ion: 91 Resp: 298324

Ion Ratio Lower Upper

91 100

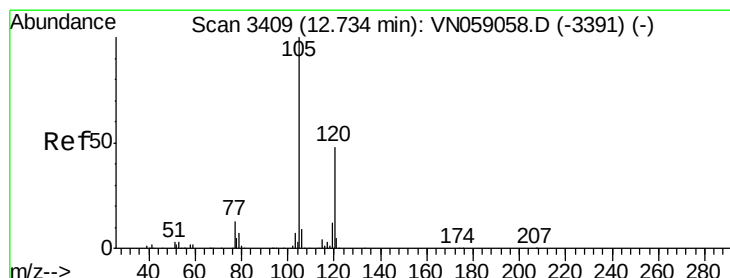
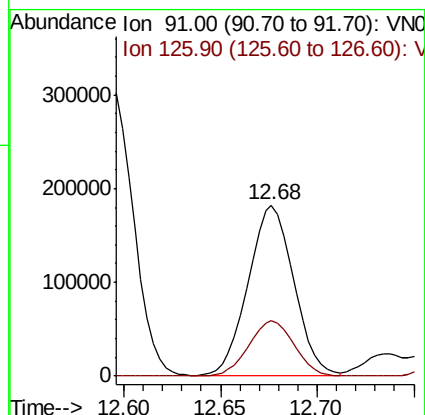
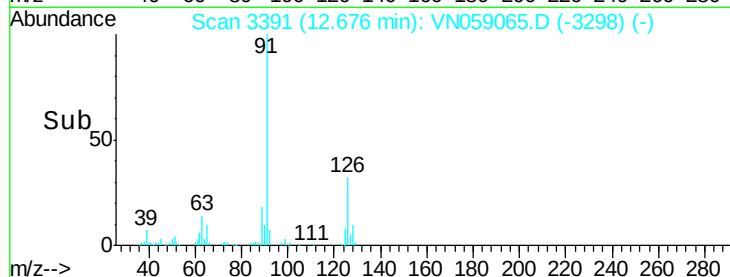
126 32.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059058.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059058.D (-3378) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.331 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059065.D

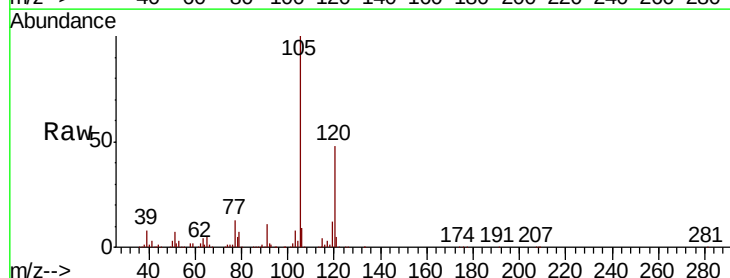
Acq: 1 Nov 2019 16:20

Tgt Ion: 105 Resp: 358996

Ion Ratio Lower Upper

105 100

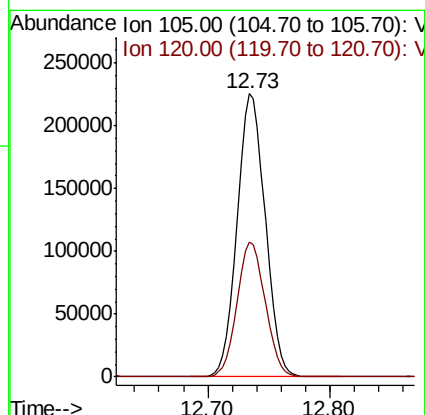
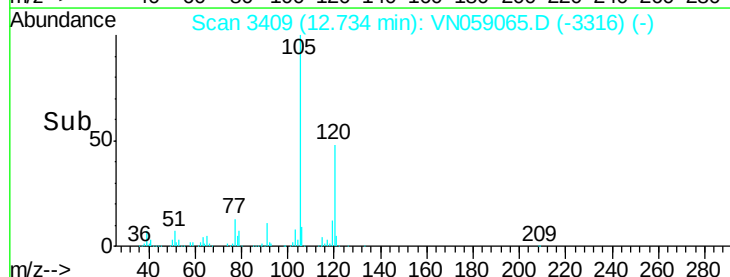
120 48.0 24.2 72.6

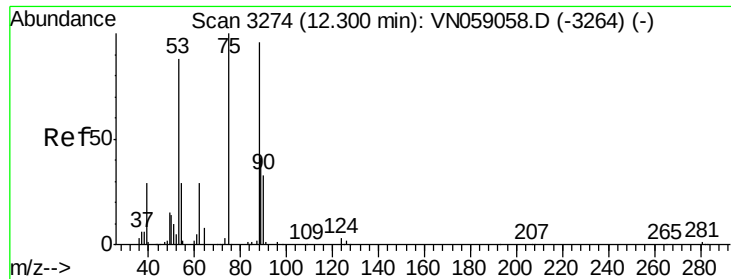


Abundance Ion 105.00 (104.70 to 105.70): VN059058.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN059058.D (-3391) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.798 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

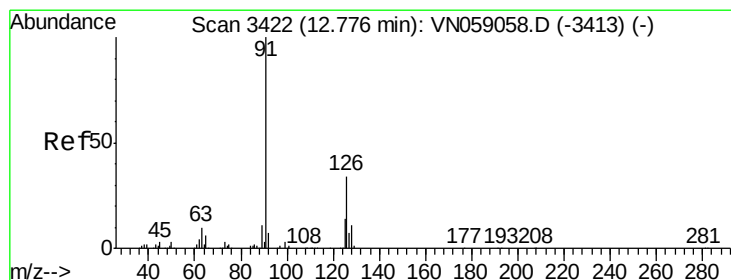
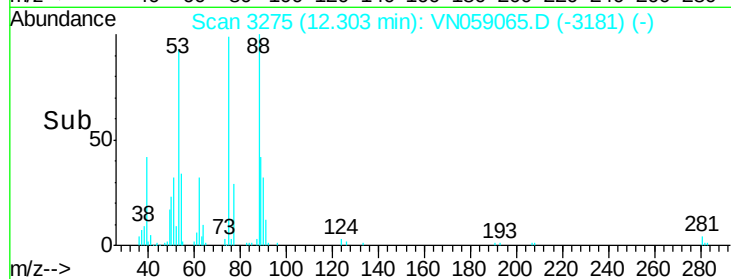
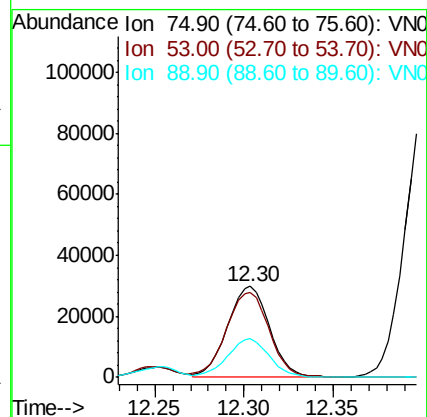
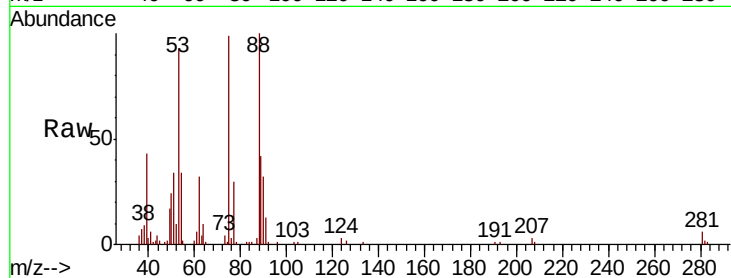
Tot Ion: 75 Resp: 49005

Ion Ratio Lower Upper

75 100

53 94.5 70.4 105.6

89 42.2 34.2 51.2



#82

4-Chlorotoluene

Concen: 19.786 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN059065.D

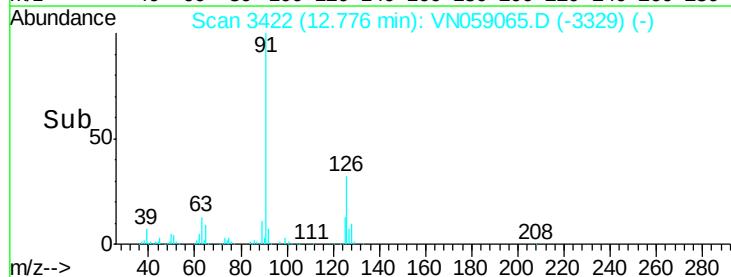
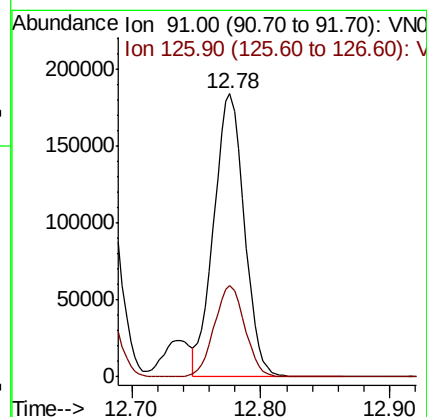
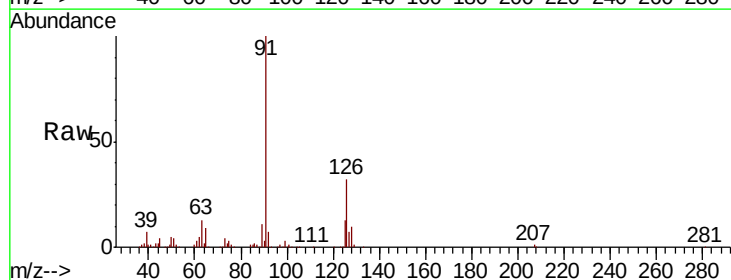
Acq: 1 Nov 2019 16:20

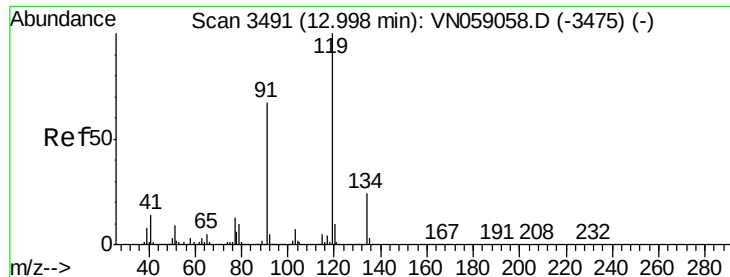
Tgt Ion: 91 Resp: 301709

Ion Ratio Lower Upper

91 100

126 32.5 16.0 47.9

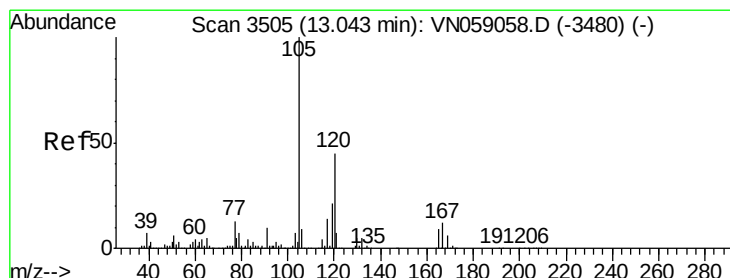
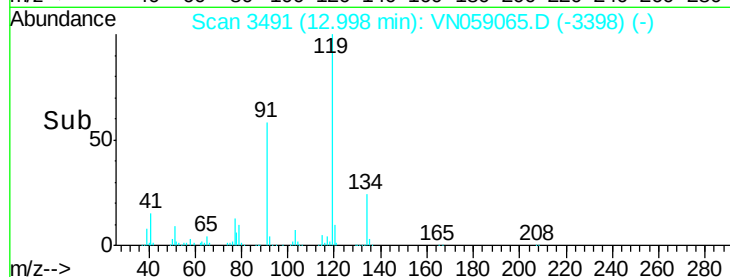
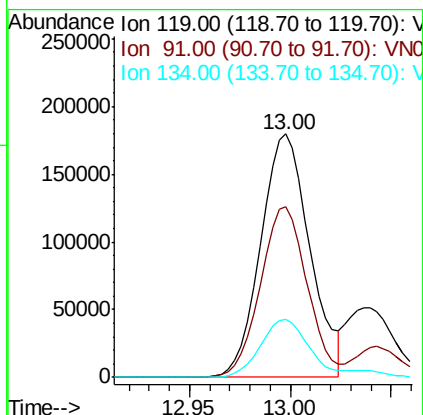
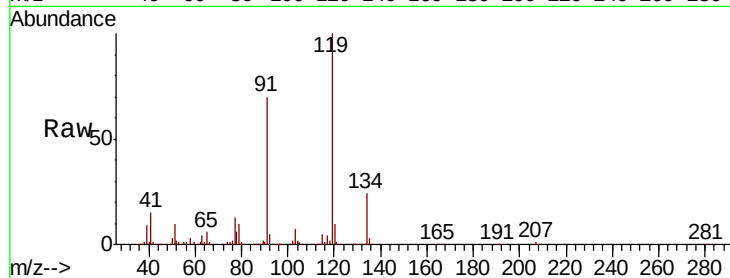




#83
 tert-Butylbenzene
 Concen: 20.313 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

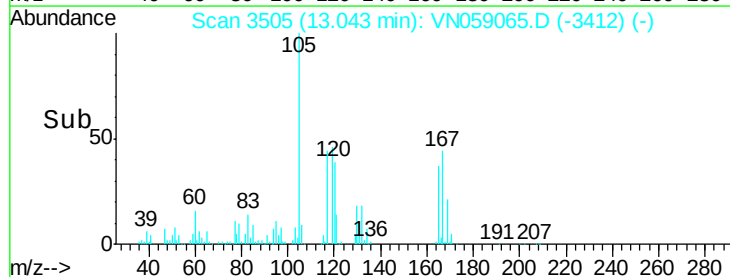
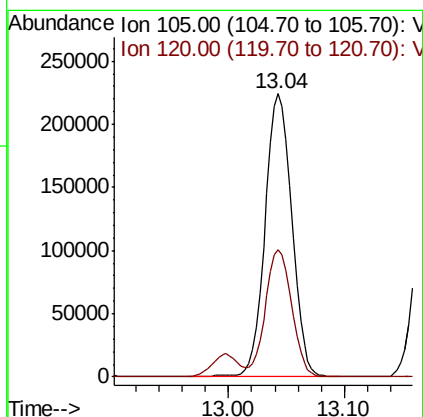
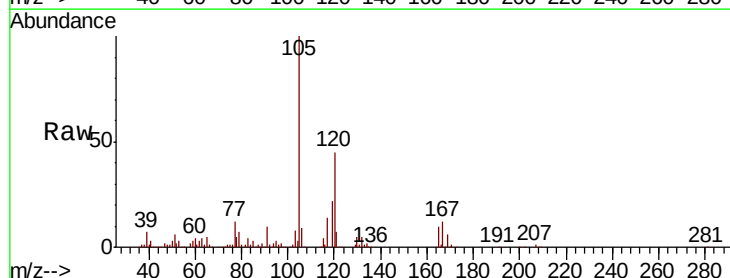
Instrument :
 MSVOA_N
 ClientSampled :

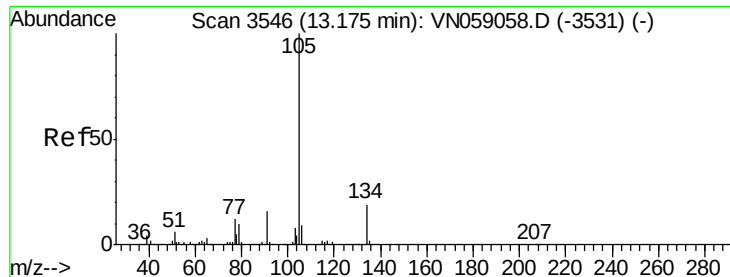
Tot Ion:119 Resp: 304699
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.7 101.0
 134 23.4 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.894 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

Tgt Ion:105 Resp: 358492
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.561 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

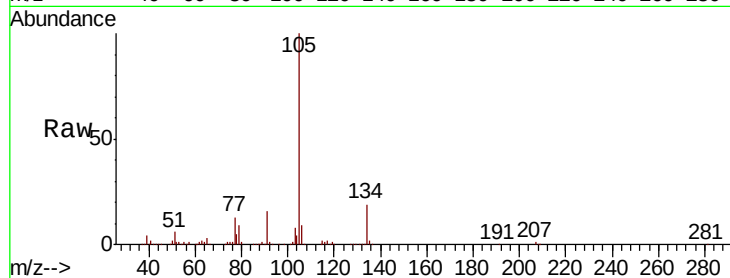
ClientSampled :

Tot Ion:105 Resp: 404212

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

250000

200000

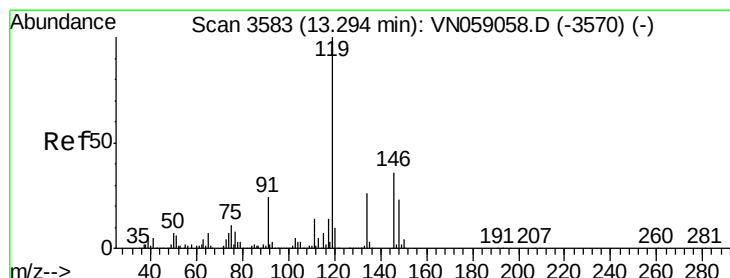
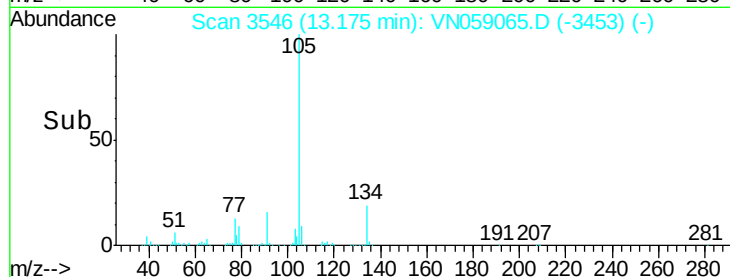
150000

100000

50000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 20.341 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

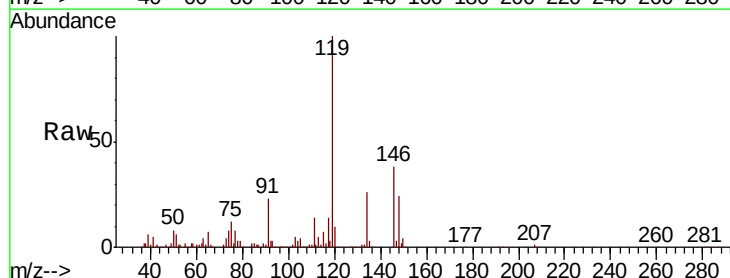
Tgt Ion:119 Resp: 360520

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.7 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

300000

250000

200000

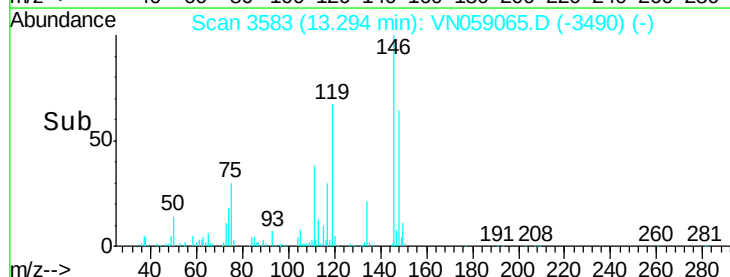
150000

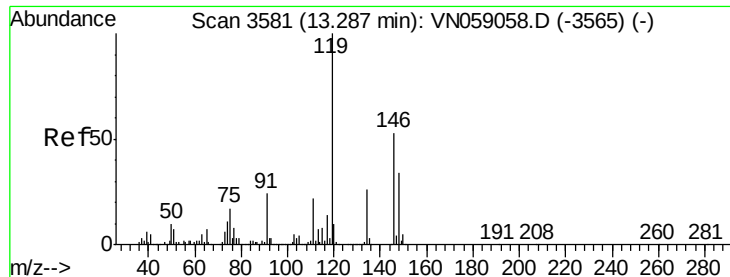
100000

50000

0

Time--> 13.25 13.30 13.35

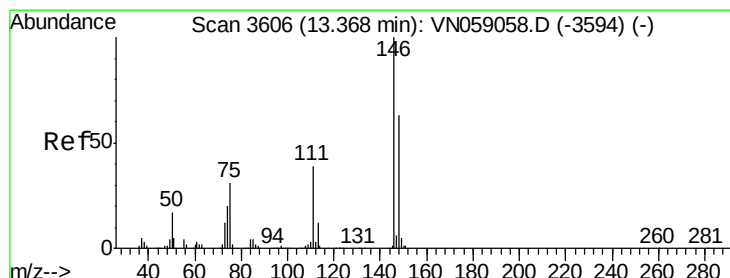
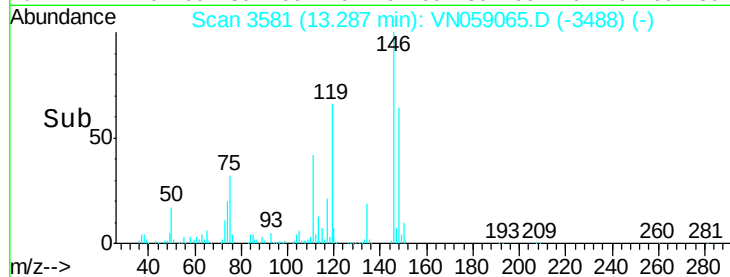
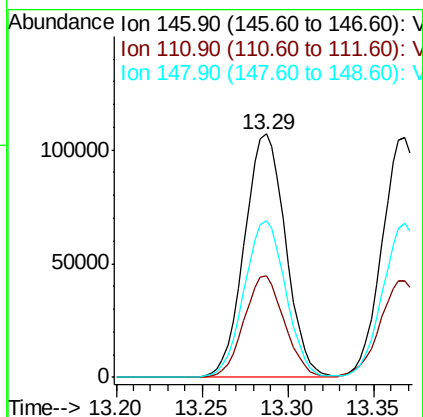
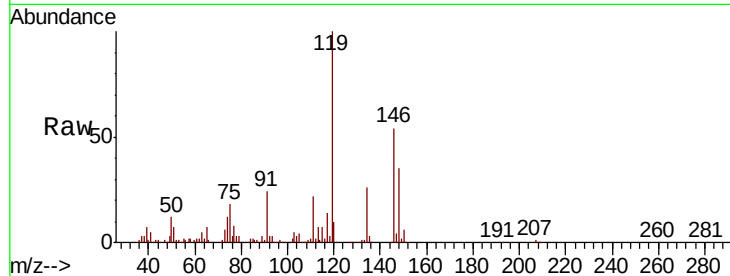




#87
 1,3-Dichlorobenzene
 Concen: 19.322 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

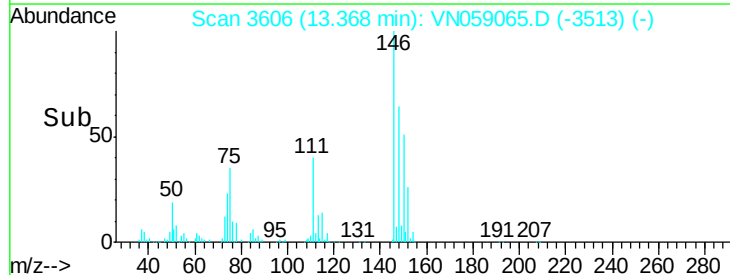
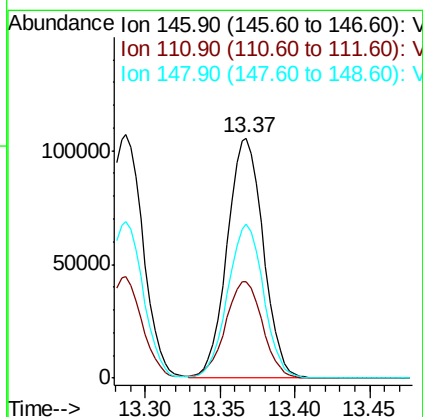
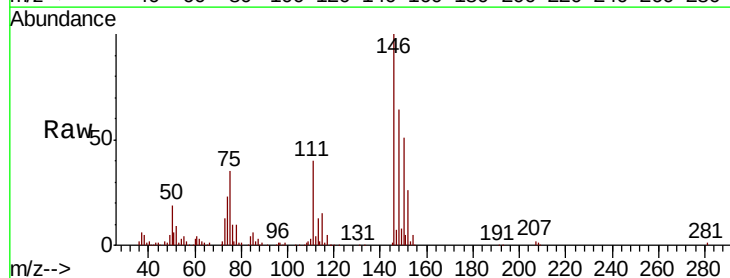
Instrument :
 MSVOA_N
 ClientSampled :

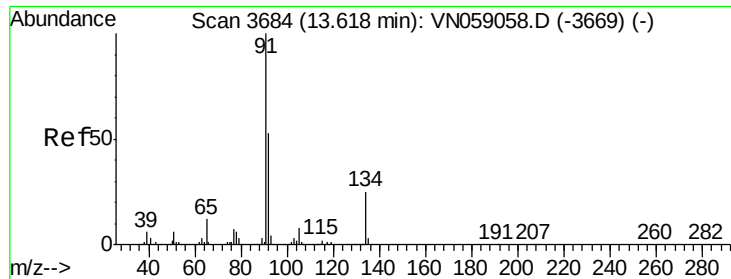
Tot Ion:146 Resp: 178347
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.445 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

Tgt Ion:146 Resp: 177531
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.2
 148 64.0 31.9 95.7

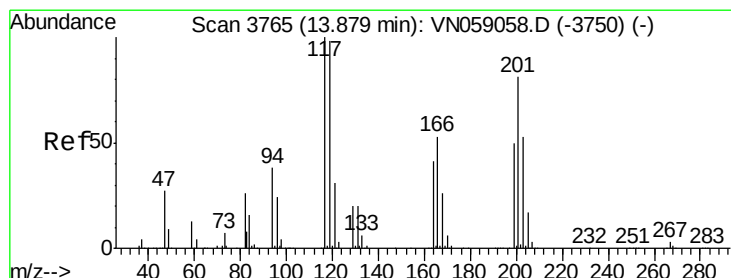
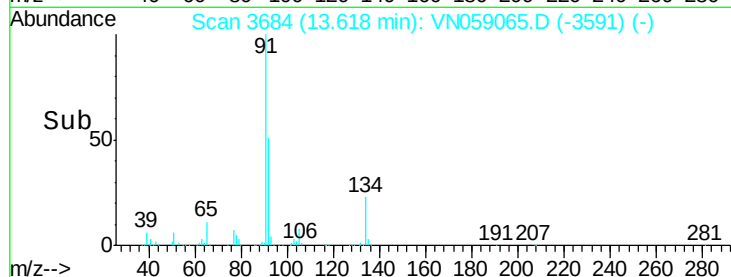
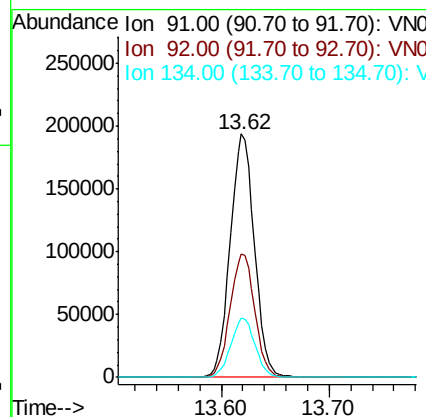
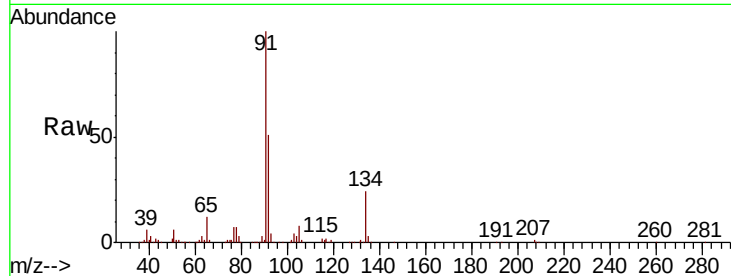




#89
n-Butylbenzene
Concen: 19.659 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

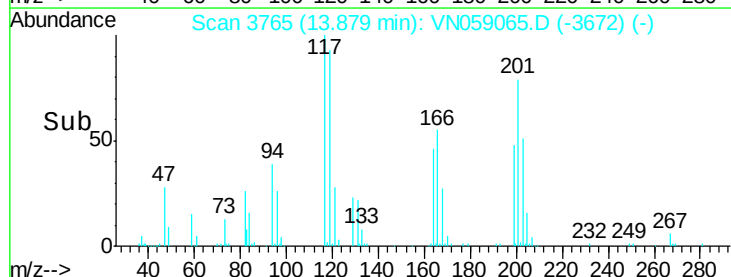
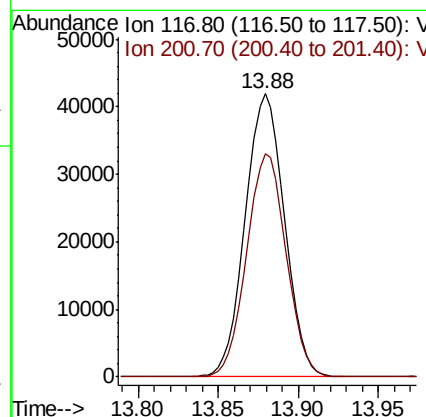
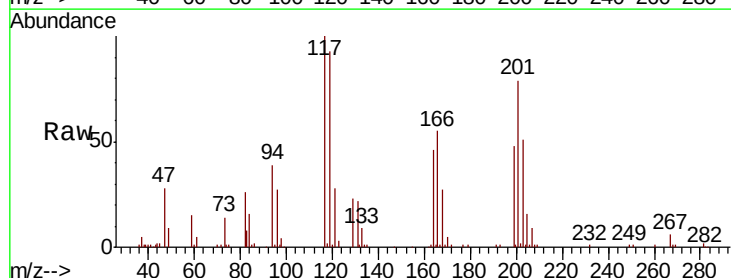
Instrument :
MSVOA_N
ClientSampled :

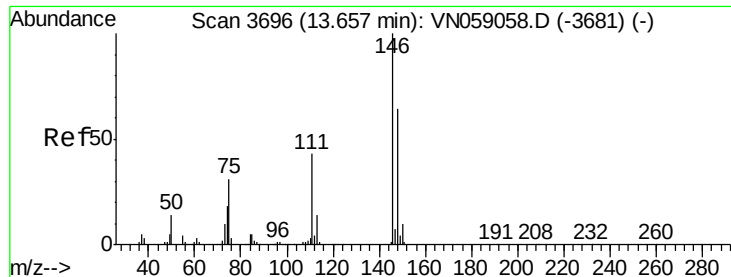
Tot Ion: 91 Resp: 303607
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 24.2 12.5 37.5



#90
Hexachloroethane
Concen: 19.950 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN059065.D
Acq: 1 Nov 2019 16:20

Tgt Ion: 117 Resp: 70286
Ion Ratio Lower Upper
117 100
201 79.1 40.7 122.1

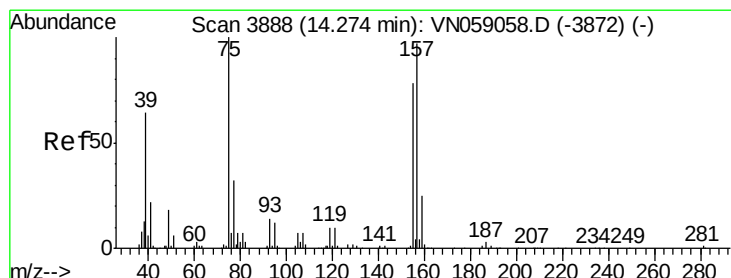
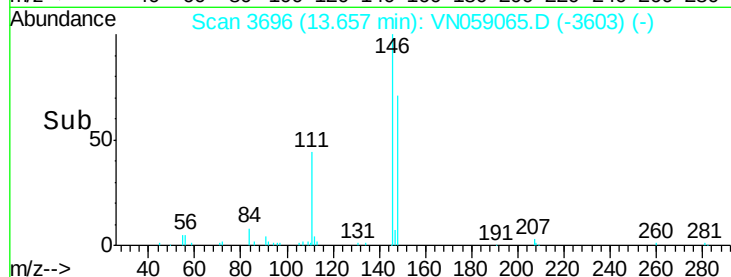
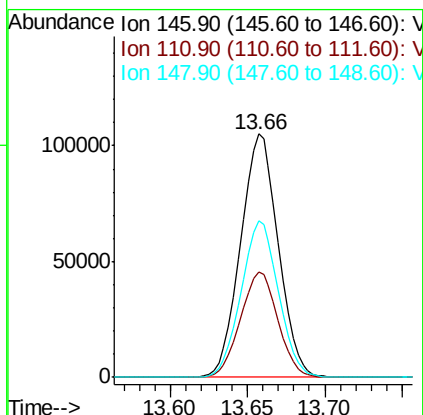
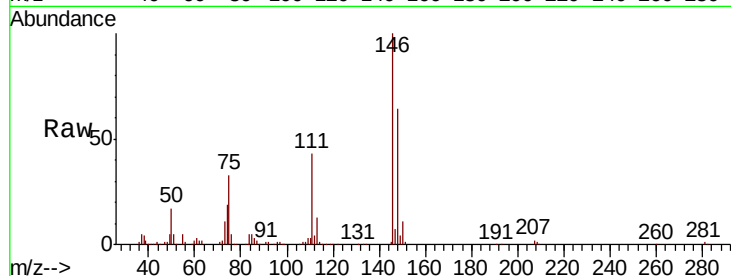




#91
 1,2-Dichlorobenzene
 Concen: 19.416 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

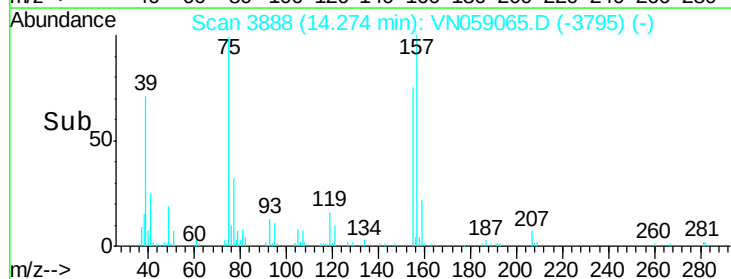
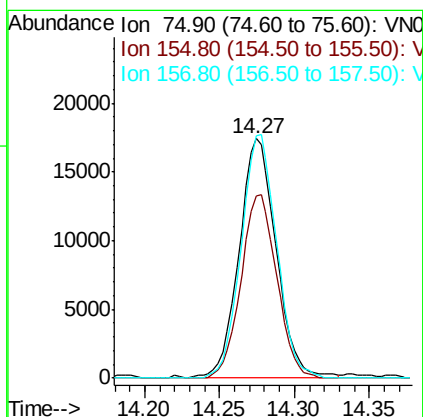
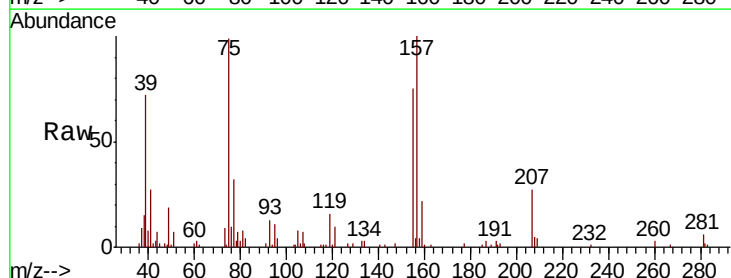
Instrument :
 MSVOA_N
 ClientSampled :

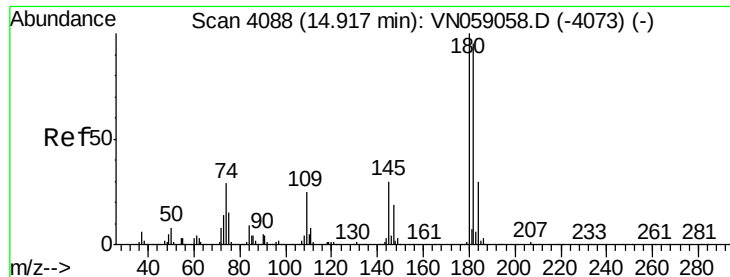
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	63.7	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.808 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.6	39.7	119.1
157	97.3	51.0	153.0

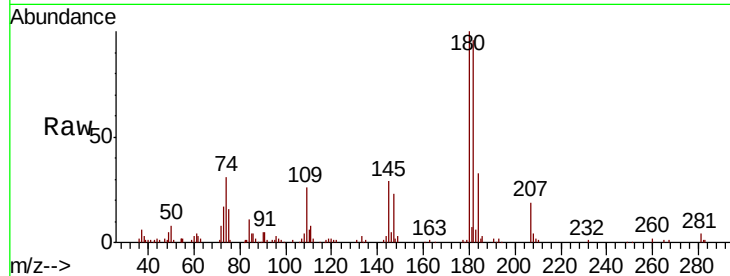




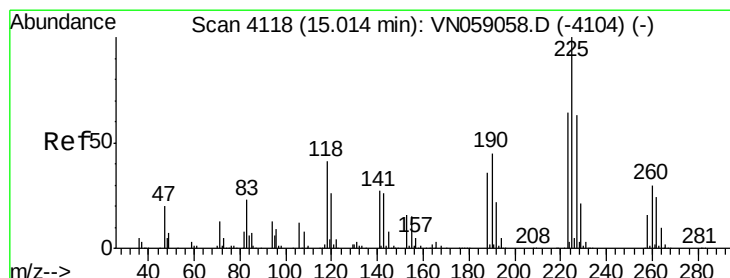
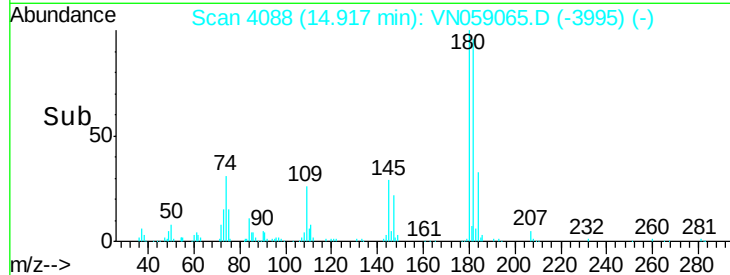
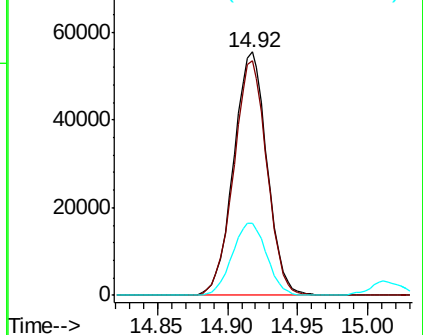
#93
 1,2,4-Trichlorobenzene
 Concen: 18.633 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	30.5	15.1	45.3

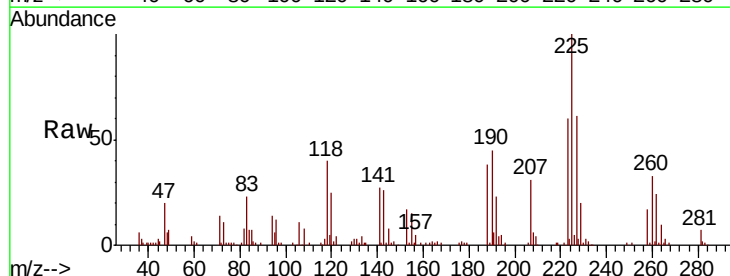


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

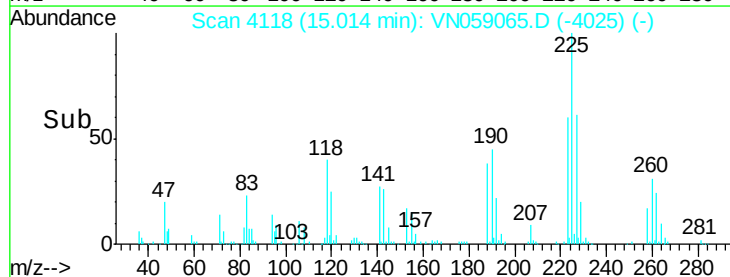
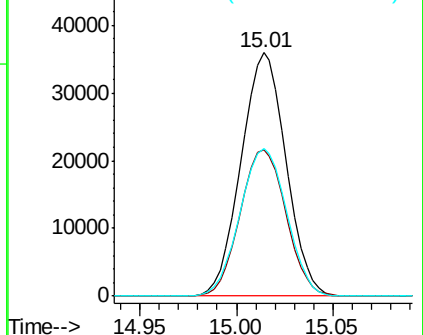


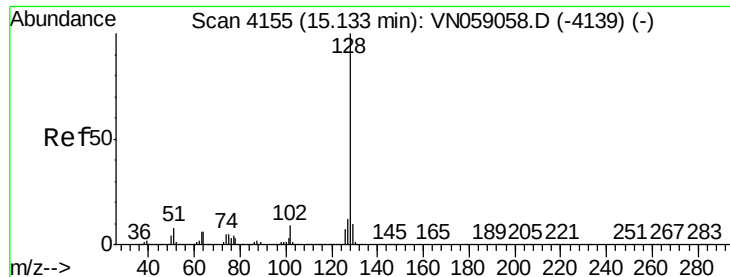
#94
 Hexachlorobutadiene
 Concen: 19.545 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN059065.D
 Acq: 1 Nov 2019 16:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.6	95.0
227	63.0	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: 18.314 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

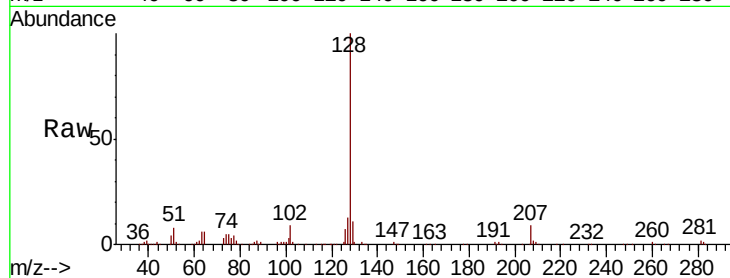
Tot Ion:128 Resp: 251706

Ion Ratio Lower Upper

128 100

127 13.2 9.9 14.9

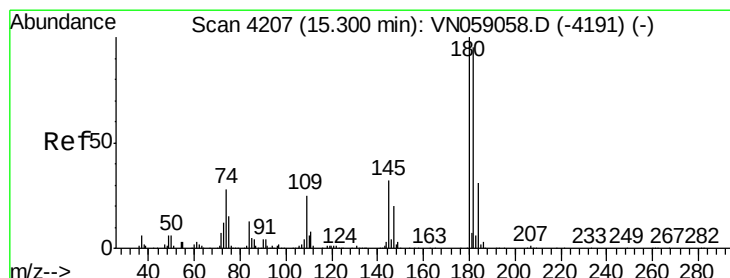
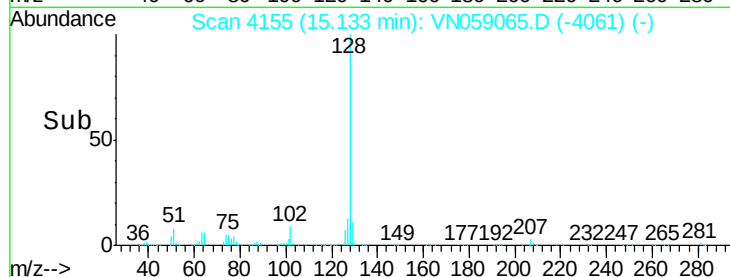
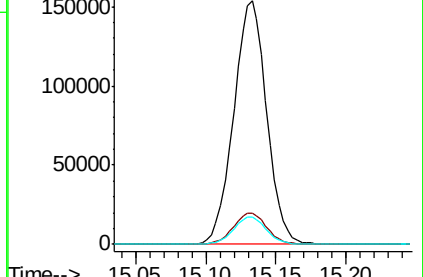
129 11.1 8.4 12.6



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: 19.035 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. -0.00 min

Lab File: VN059065.D

Acq: 1 Nov 2019 16:20

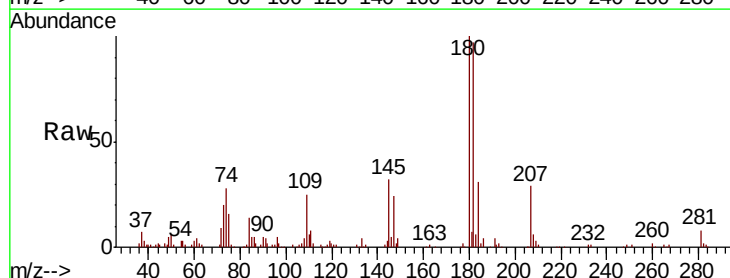
Tgt Ion:180 Resp: 95965

Ion Ratio Lower Upper

180 100

182 95.3 47.7 143.1

145 32.0 16.0 48.0



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

