

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
 Data File : VN059050.D
 Acq On : 1 Nov 2019 9:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:18:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	356795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	551775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	507892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	242840	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	7.57	113	189095	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.08	98	705899	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	266730	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	152202	35.266	ug/l	99
3) Chloromethane	2.04	50	197681	36.473	ug/l	98
4) Vinyl Chloride	2.17	62	201413	37.582	ug/l	98
5) Bromomethane	2.54	94	110839	33.612	ug/l	99
6) Chloroethane	2.68	64	123048	36.140	ug/l	98
7) Trichlorofluoromethane	3.00	101	247800	37.628	ug/l	99
8) Diethyl Ether	3.39	74	100854	43.065	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	149090	40.116	ug/l	99
10) Methyl Iodide	3.93	142	170709	35.612	ug/l	99
11) Tert butyl alcohol	4.74	59	168664	194.573	ug/l #	88
12) 1,1-Dichloroethene	3.71	96	138877	39.747	ug/l	93
13) Acrolein	3.58	56	100457	171.800	ug/l	98
14) Allyl chloride	4.29	41	259965	36.847	ug/l	90
15) Acrylonitrile	4.95	53	484673	223.814	ug/l	99
16) Acetone	3.79	43	562815	222.624	ug/l	99
17) Carbon Disulfide	4.03	76	384539	34.321	ug/l	98
18) Methyl Acetate	4.29	43	259506	44.339	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	539084	44.342	ug/l	99
20) Methylene Chloride	4.52	84	170768	39.025	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	155604	40.519	ug/l	97
22) Diisopropyl ether	5.92	45	608526	44.333	ug/l	97
23) Vinyl Acetate	5.86	43	2504639	228.278	ug/l	99
24) 1,1-Dichloroethane	5.82	63	326287	40.991	ug/l	100
25) 2-Butanone	6.81	43	707731	214.293	ug/l	100
26) 2,2-Dichloropropane	6.80	77	282301	41.155	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	186036	42.488	ug/l	100
28) Bromochloromethane	7.17	49	96505	36.958	ug/l	99
29) Tetrahydrofuran	7.18	42	435703	215.135	ug/l	100
30) Chloroform	7.35	83	315588	39.790	ug/l	98
31) Cyclohexane	7.63	56	276275	37.323	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	267102	40.048	ug/l	99
36) 1,1-Dichloropropene	7.77	75	230604	41.505	ug/l	100
37) Ethyl Acetate	6.90	43	267710	44.138	ug/l	99
38) Carbon Tetrachloride	7.75	117	232318	40.649	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Nov 02 05:18:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	260503	41.399	ug/l	99
40) Benzene	8.02	78	708394	43.238	ug/l	100
41) Methacrylonitrile	7.18	41	383747	139.629	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	249825	40.193	ug/l	100
43) Isopropyl Acetate	8.14	43	424785	43.583	ug/l	99
44) Trichloroethene	8.82	130	171235	42.806	ug/l	98
45) 1,2-Dichloropropane	9.10	63	198834	44.286	ug/l	98
46) Dibromomethane	9.19	93	122065	43.176	ug/l	97
47) Bromodichloromethane	9.39	83	250644	43.118	ug/l	99
48) Methyl methacrylate	9.18	41	192223	43.747	ug/l	99
49) 1,4-Dioxane	9.18	88	60142	813.870	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1333813	235.418	ug/l	98
52) Toluene	10.15	92	427532	44.093	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	287168	44.500	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	306158	44.293	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	177562	44.387	ug/l	99
56) Ethyl methacrylate	10.42	69	272692	46.171	ug/l	99
57) 1,3-Dichloropropane	10.70	76	308123	44.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	133694	53.833	ug/l	99
59) 2-Hexanone	10.74	43	1011054	231.342	ug/l	99
60) Dibromochloromethane	10.90	129	191035	44.424	ug/l	99
61) 1,2-Dibromoethane	11.00	107	178329	43.651	ug/l	99
64) Tetrachloroethene	10.63	164	149839	42.599	ug/l	99
65) Chlorobenzene	11.43	112	454006	44.344	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	174810	45.328	ug/l	99
67) Ethyl Benzene	11.51	91	831952	46.441	ug/l	99
68) m/p-Xylenes	11.62	106	612419	92.311	ug/l	99
69) o-Xylene	11.95	106	293861	46.318	ug/l	99
70) Styrene	11.96	104	485887	46.963	ug/l	99
71) Bromoform	12.13	173	136997	45.590	ug/l	99
73) Isopropylbenzene	12.25	105	799852	45.079	ug/l	100
74) N-amyl acetate	12.07	43	352890	44.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	269211	43.161	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	357805	62.999	ug/l #	100
77) Bromobenzene	12.53	156	192532	43.958	ug/l	99
78) n-propylbenzene	12.59	91	943842	45.055	ug/l	100
79) 2-Chlorotoluene	12.68	91	556929	43.374	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	681380	45.861	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	94660	43.505	ug/l	97
82) 4-Chlorotoluene	12.78	91	571418	43.674	ug/l	99
83) tert-Butylbenzene	13.00	119	570394	44.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	685067	46.778	ug/l	100
85) sec-Butylbenzene	13.17	105	783432	46.286	ug/l	99
86) p-Isopropyltoluene	13.29	119	704064	47.070	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	343914	44.037	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	340248	43.545	ug/l	98
89) n-Butylbenzene	13.62	91	628688	46.033	ug/l	98
90) Hexachloroethane	13.88	117	130776	43.075	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	345421	45.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	52735	37.813	ug/l	99

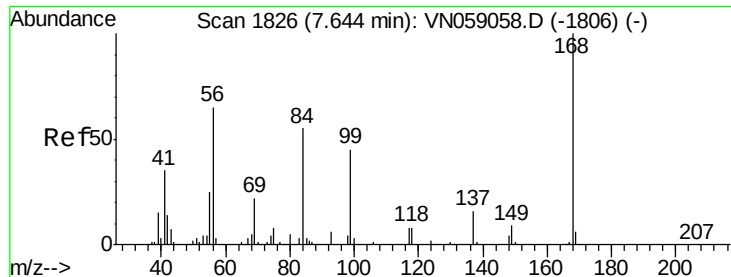
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
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Quant Time: Nov 02 05:18:47 2019
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	196314	46.681	ug/l	99
94) Hexachlorobutadiene	15.01	225	115012	46.078	ug/l	99
95) Naphthalene	15.13	128	538817	46.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	194036	46.883	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

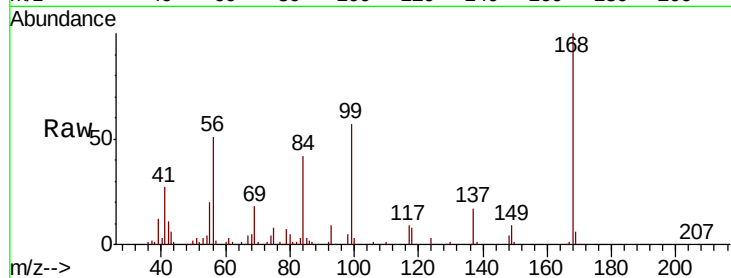
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 356795

Ion Ratio Lower Upper

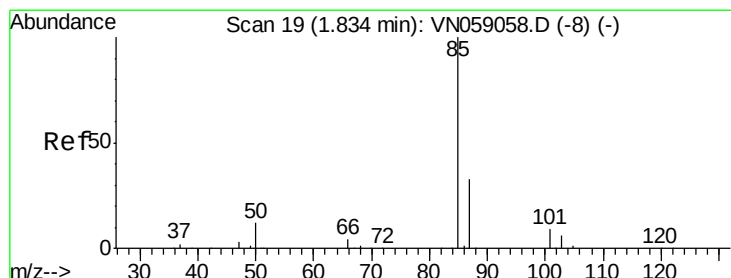
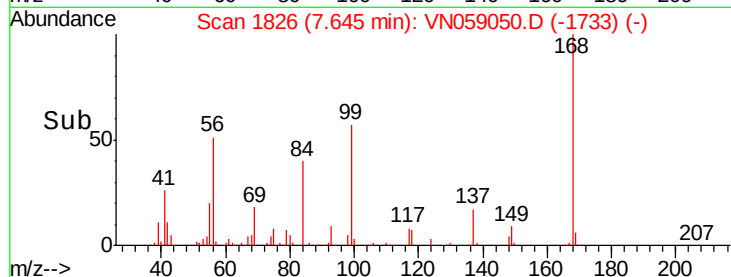
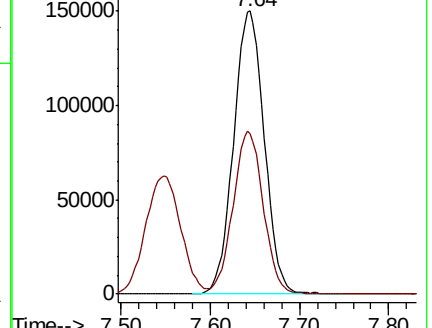
168 100

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: 35.266 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059050.D

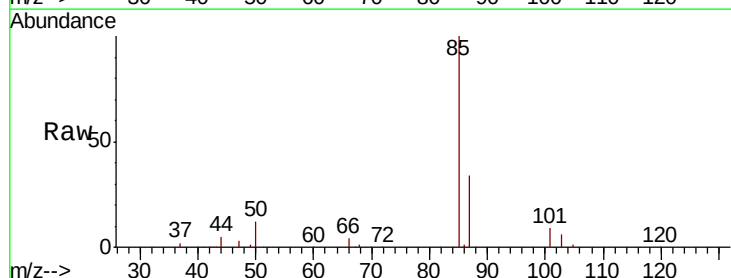
Acq: 1 Nov 2019 9:19

Tgt Ion: 85 Resp: 152202

Ion Ratio Lower Upper

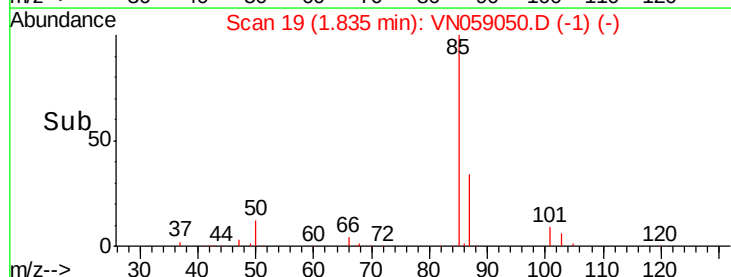
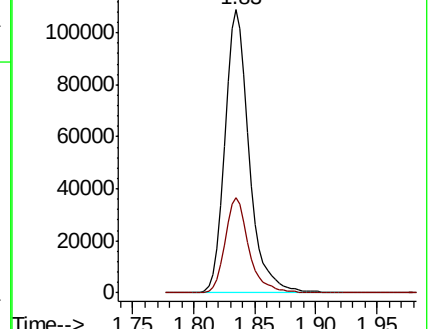
85 100

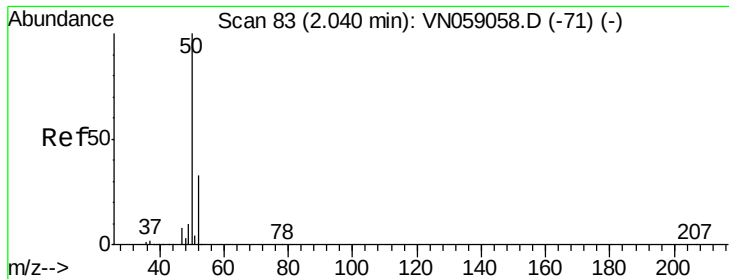
87 33.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 36.473 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

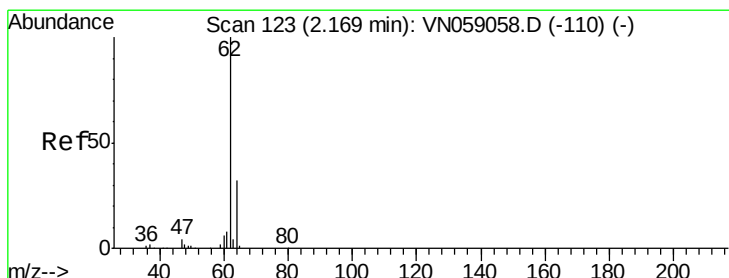
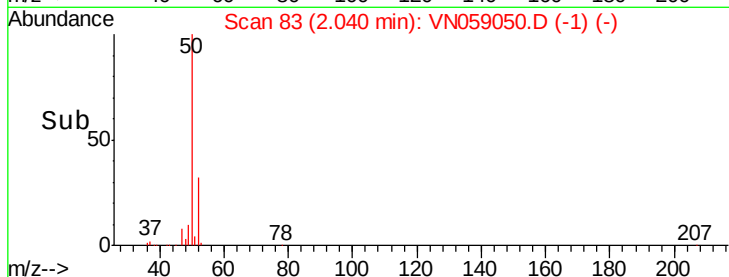
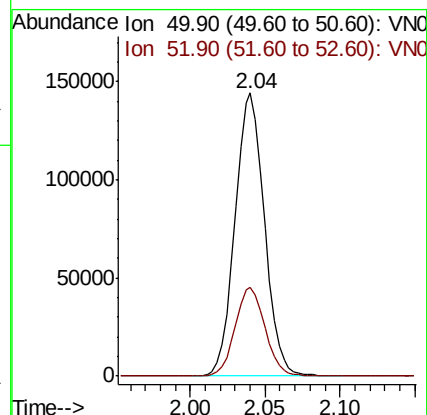
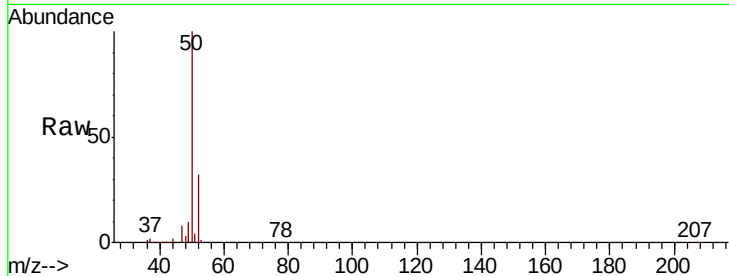
ClientSampleId :

Tot Ion: 50 Resp: 197681

Ion Ratio Lower Upper

50 100

52 31.6 26.3 39.5



#4

Vinyl Chloride

Concen: 37.582 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059050.D

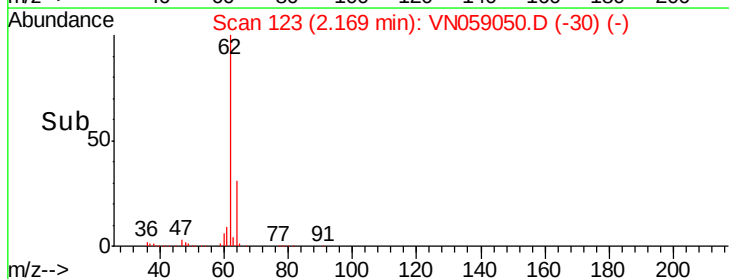
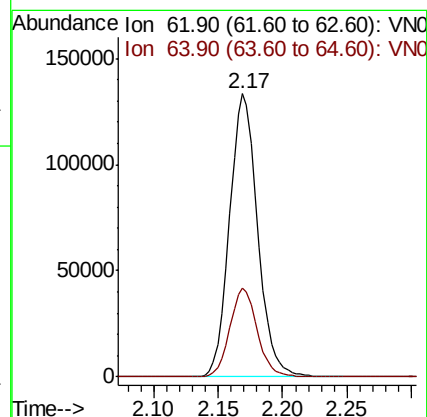
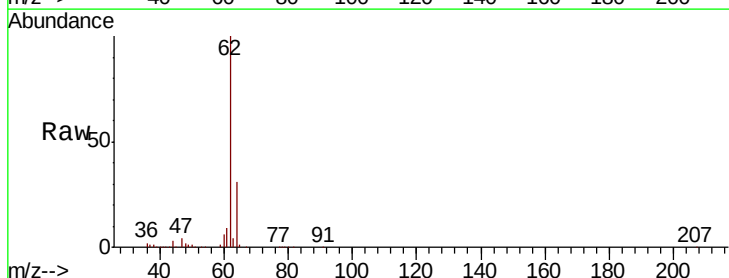
Acq: 1 Nov 2019 9:19

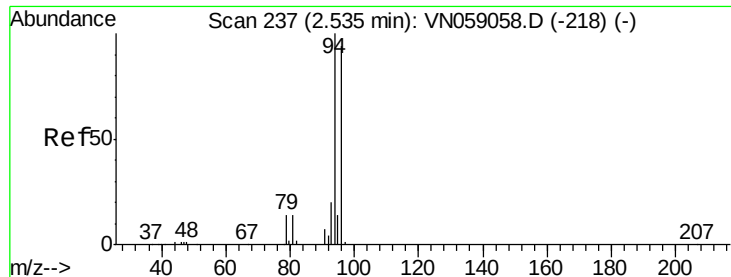
Tgt Ion: 62 Resp: 201413

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 33.612 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

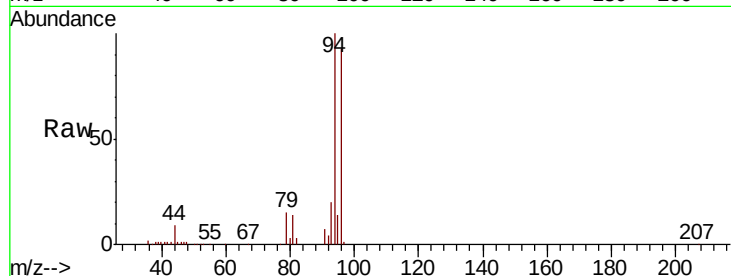
ClientSampled :

Tot Ion: 94 Resp: 110839

Ion Ratio Lower Upper

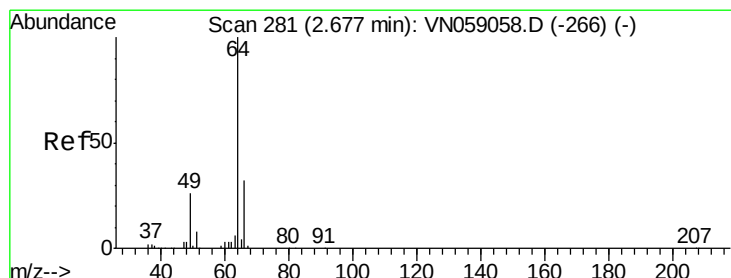
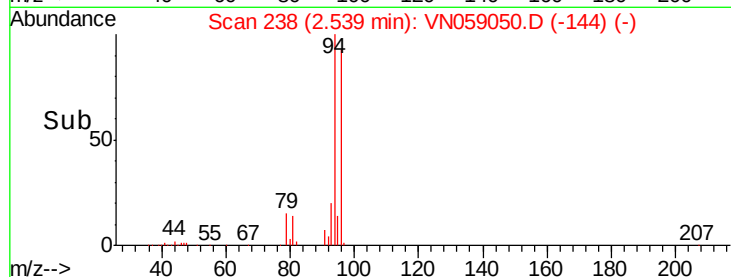
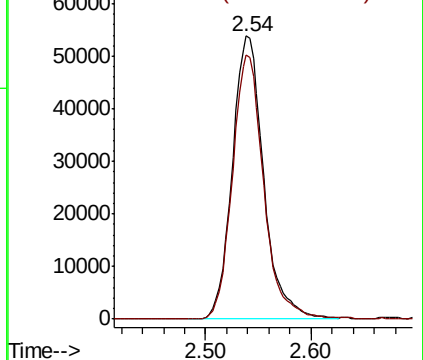
94 100

96 93.3 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN059050.D

Ion 95.90 (95.60 to 96.60): VN059050.D



#6

Chloroethane

Concen: 36.140 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN059050.D

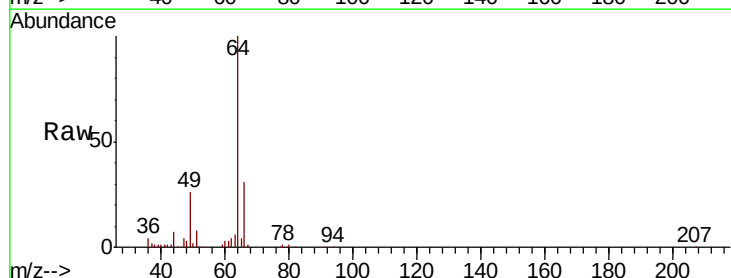
Acq: 1 Nov 2019 9:19

Tgt Ion: 64 Resp: 123048

Ion Ratio Lower Upper

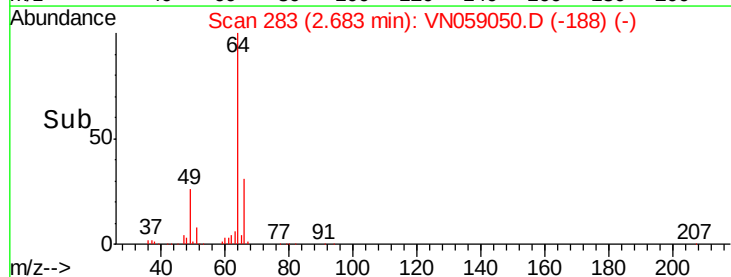
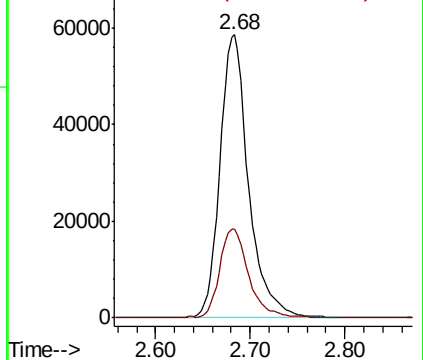
64 100

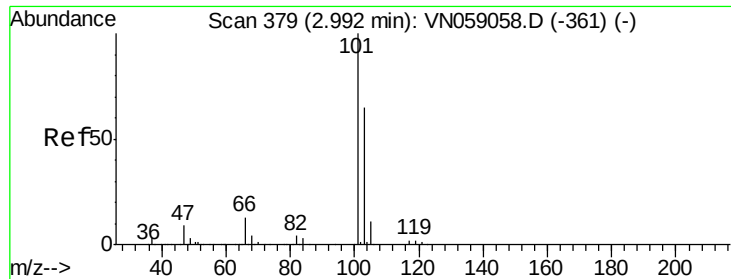
66 31.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN059050.D

Ion 65.90 (65.60 to 66.60): VN059050.D



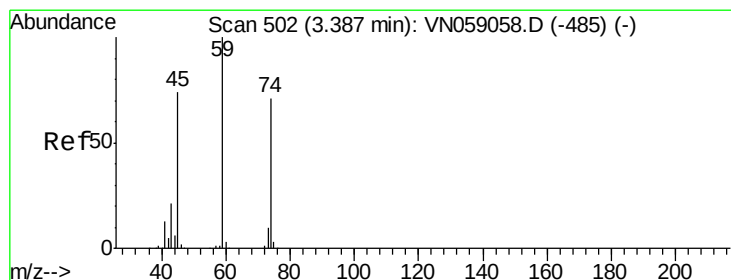
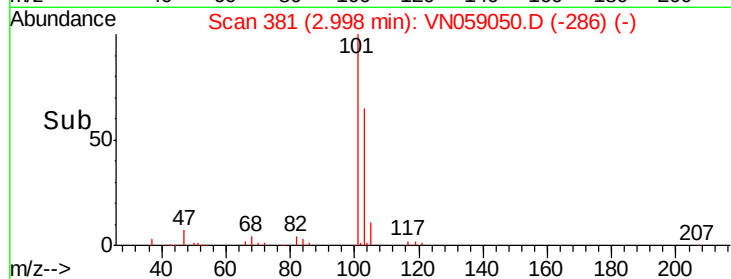
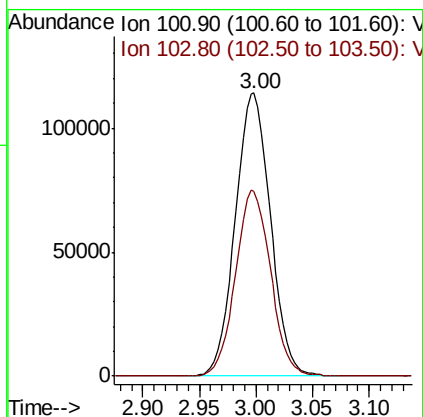
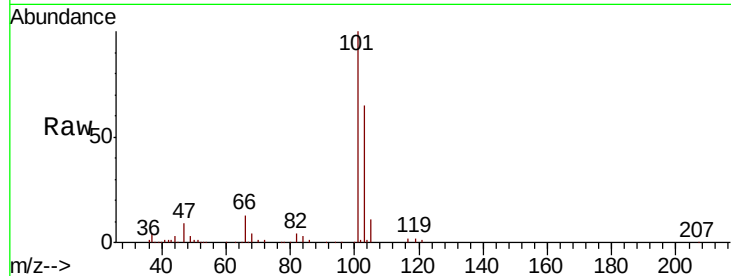


#7

Trichlorofluoromethane
Concen: 37.628 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.01 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Instrument :
MSVOA_N
ClientSampled :

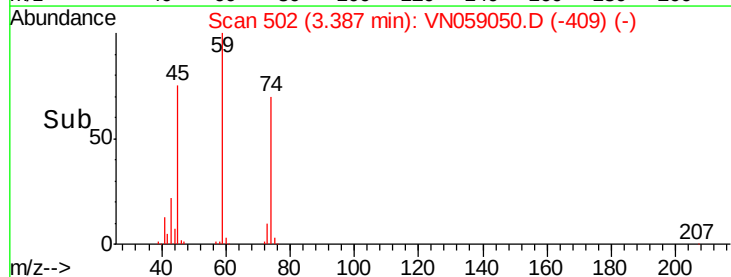
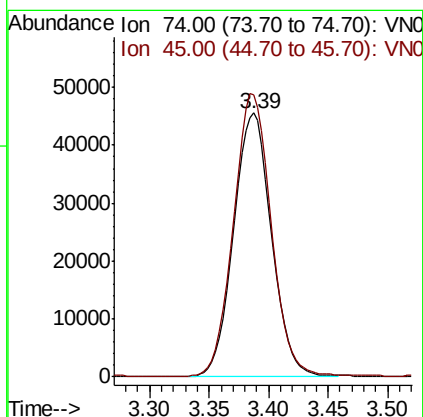
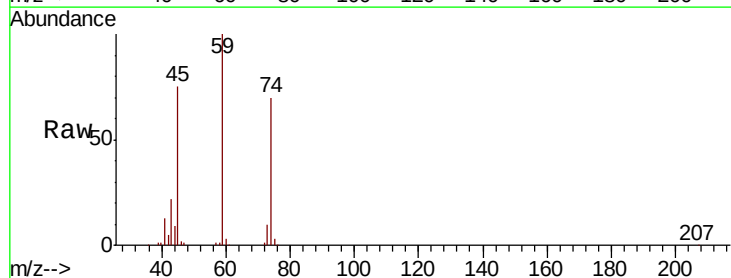
Tot Ion:101 Resp: 247800
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

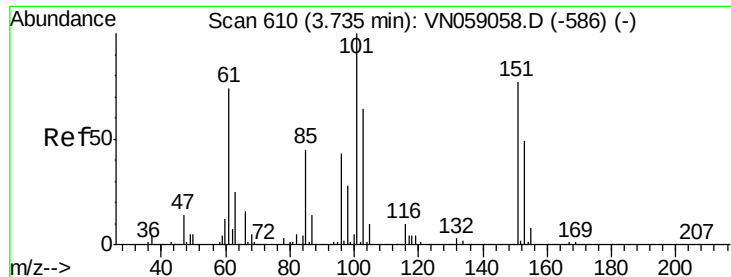


#8

Diethyl Ether
Concen: 43.065 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 74 Resp: 100854
Ion Ratio Lower Upper
74 100
45 106.9 52.8 158.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.116 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

ClientSampleId :

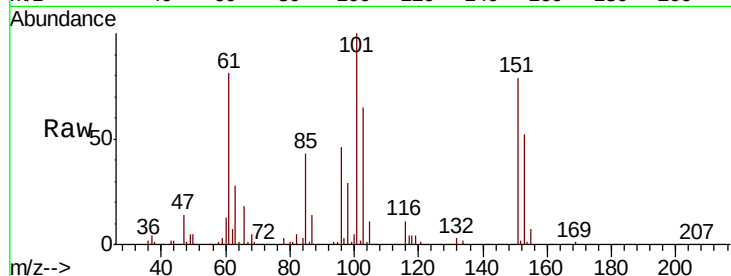
Tot Ion:101 Resp: 149090

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.6

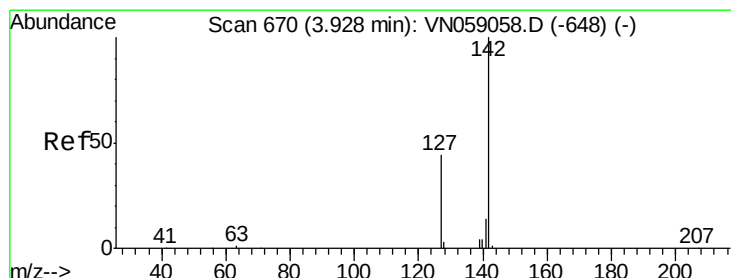
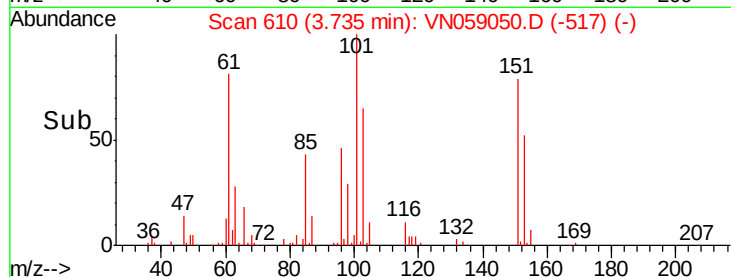
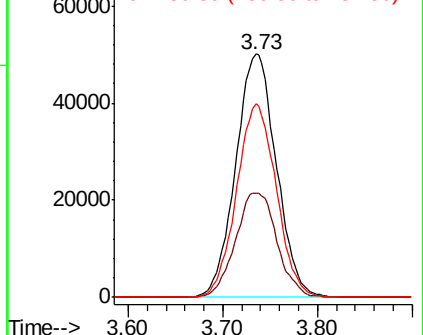
151 77.8 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.612 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

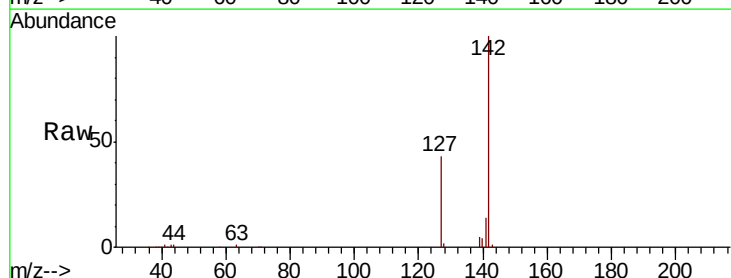
Tgt Ion:142 Resp: 170709

Ion Ratio Lower Upper

142 100

127 43.6 34.2 51.2

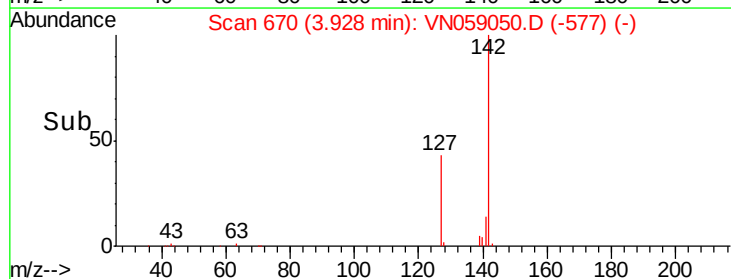
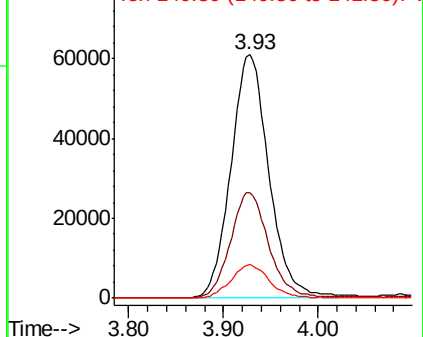
141 13.8 11.1 16.7

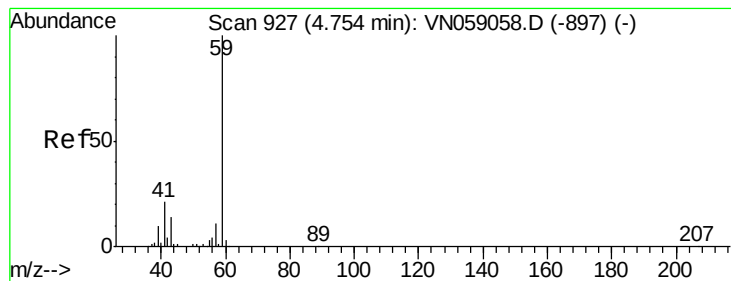


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 194.573 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

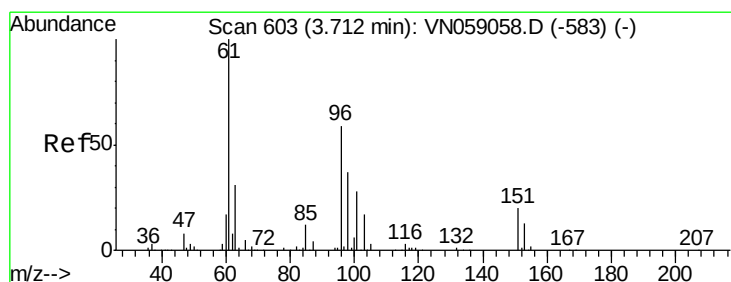
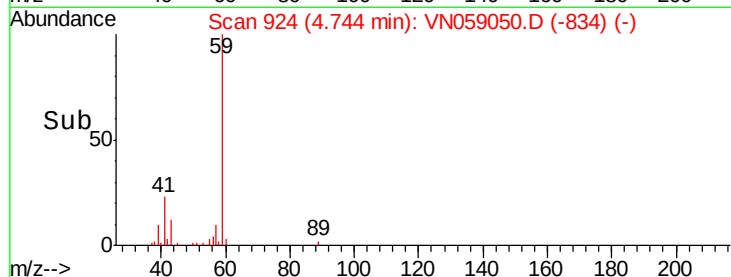
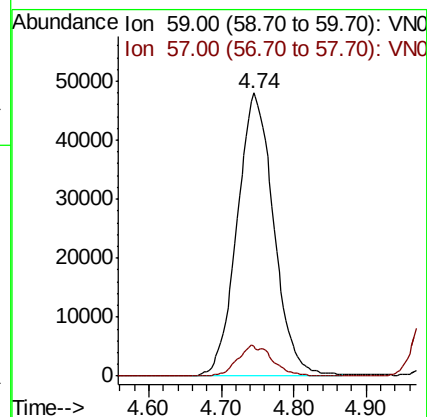
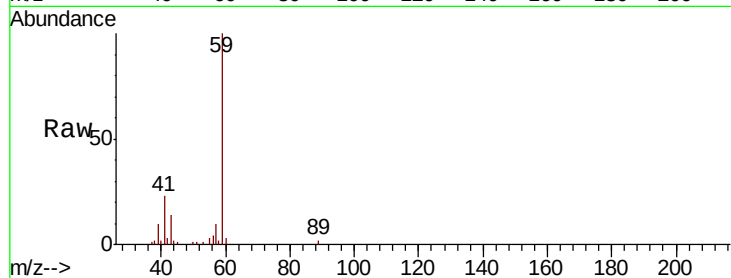
ClientSampled :

Tot Ion: 59 Resp: 168664

Ion Ratio Lower Upper

59 100

57 5.9 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 39.747 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

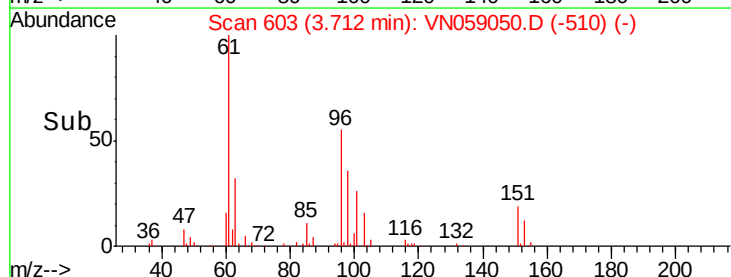
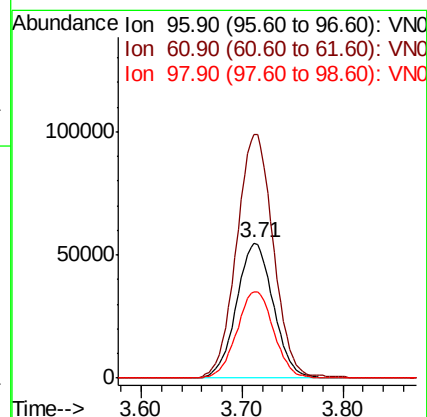
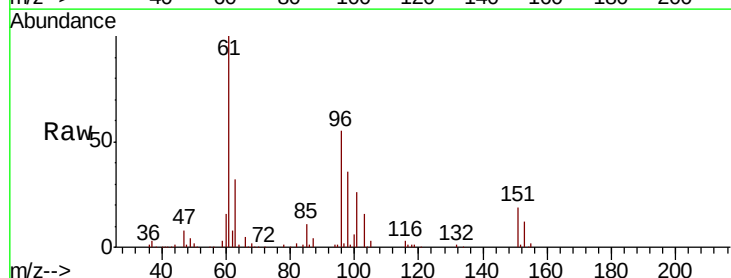
Tgt Ion: 96 Resp: 138877

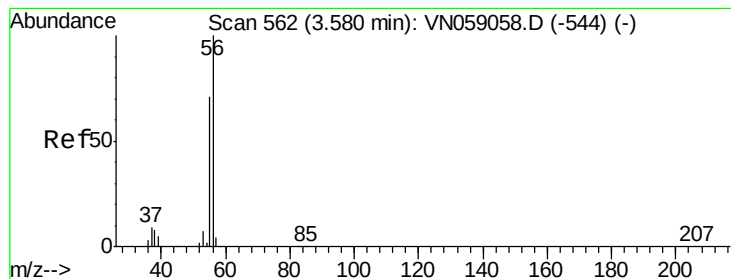
Ion Ratio Lower Upper

96 100

61 180.6 135.3 202.9

98 64.3 49.4 74.2





#13

Acrolein

Concen: 171.800 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

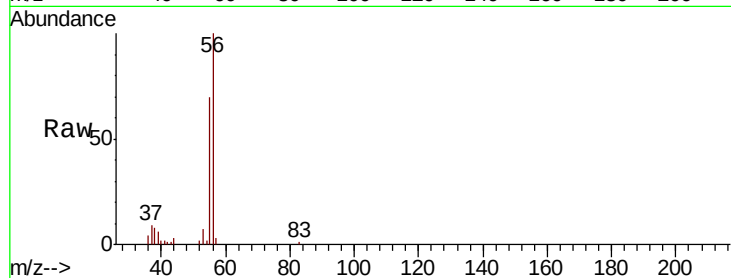
ClientSampleId :

Tot Ion: 56 Resp: 100457

Ion Ratio Lower Upper

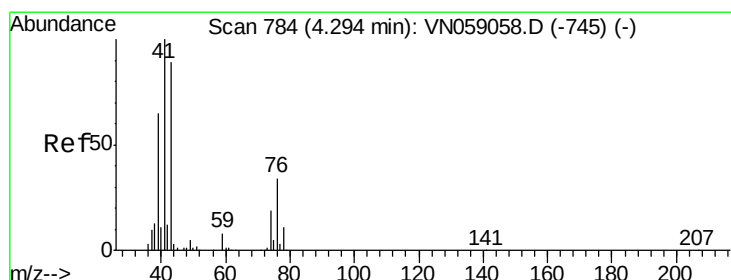
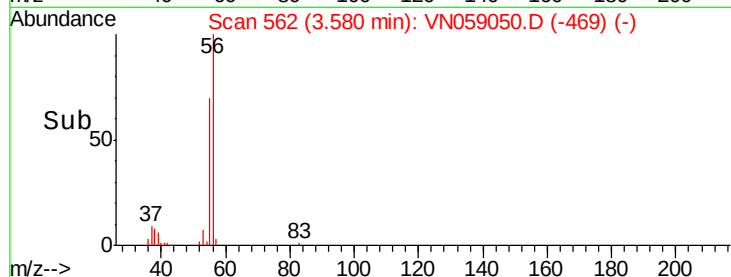
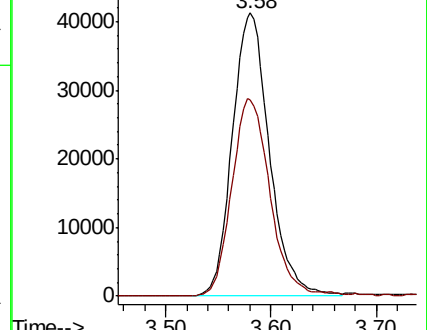
56 100

55 71.4 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN059050.D (-544) (-)

Ion 55.00 (54.70 to 55.70): VN059050.D (-544) (-)



#14

Allyl chloride

Concen: 36.847 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

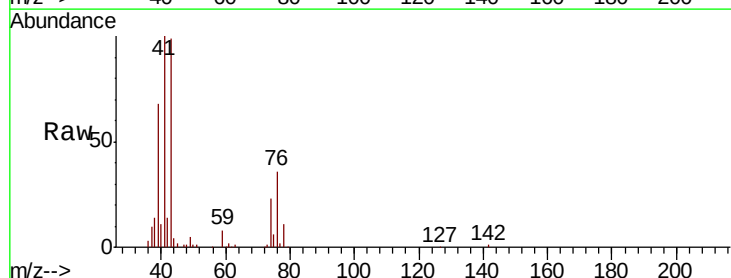
Tgt Ion: 41 Resp: 259965

Ion Ratio Lower Upper

41 100

39 70.6 49.4 74.2

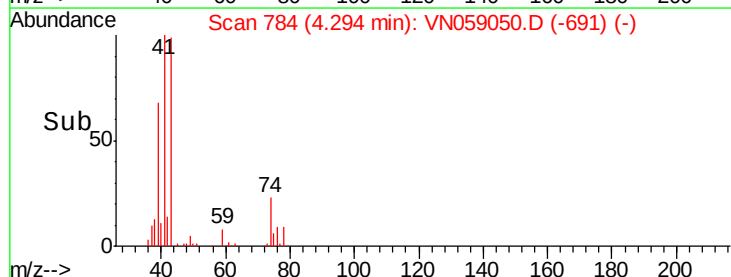
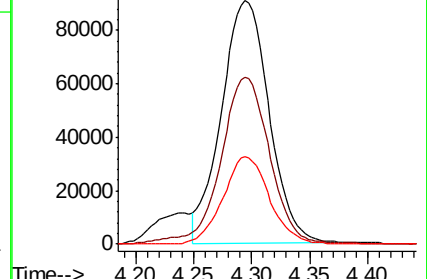
76 35.1 24.6 37.0

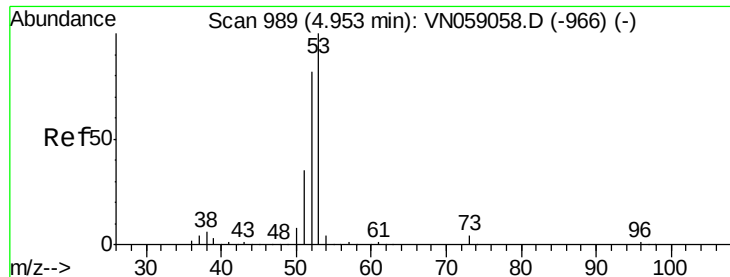


Abundance Ion 41.00 (40.70 to 41.70): VN059050.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN059050.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN059050.D (-745) (-)





#15

Acrylonitrile

Concen: 223.814 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

ClientSampleId :

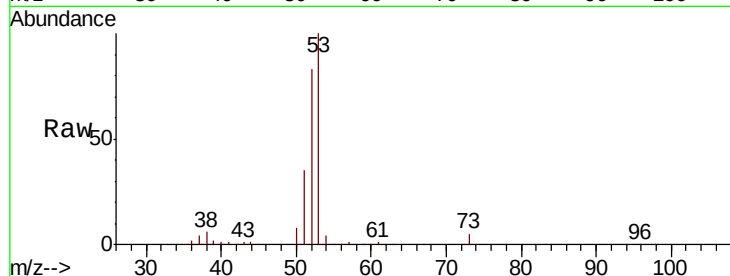
Tot Ion: 53 Resp: 484673

Ion Ratio Lower Upper

53 100

52 81.5 66.0 99.0

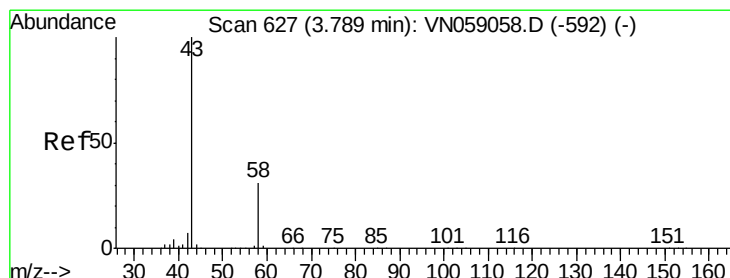
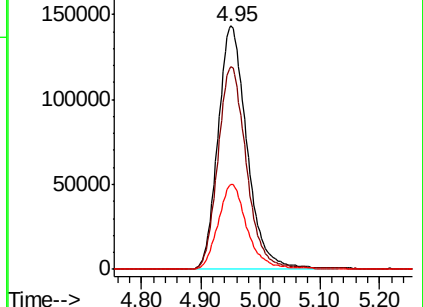
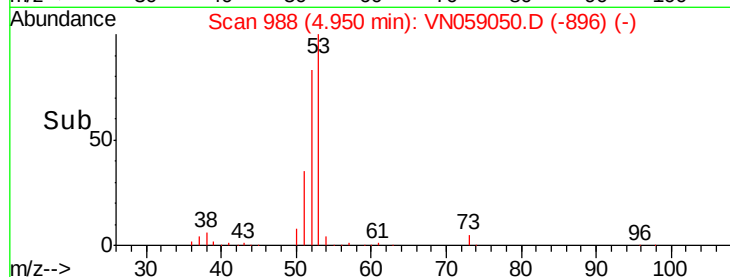
51 35.0 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN059050.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059050.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059050.D (-966) (-)



#16

Acetone

Concen: 222.624 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059050.D

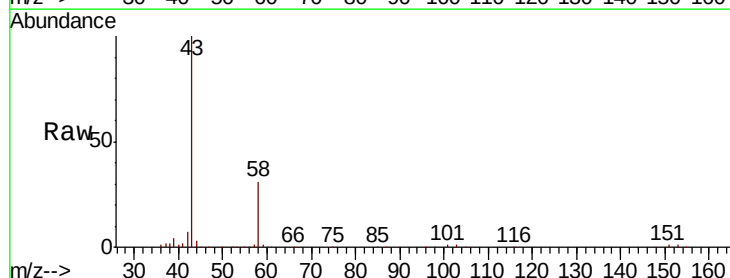
Acq: 1 Nov 2019 9:19

Tgt Ion: 43 Resp: 562815

Ion Ratio Lower Upper

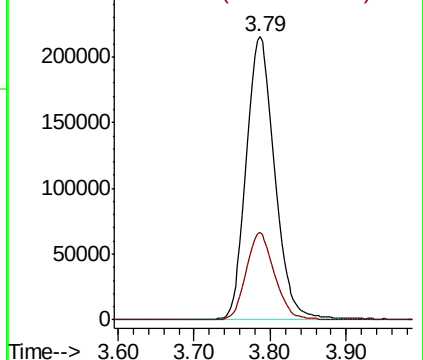
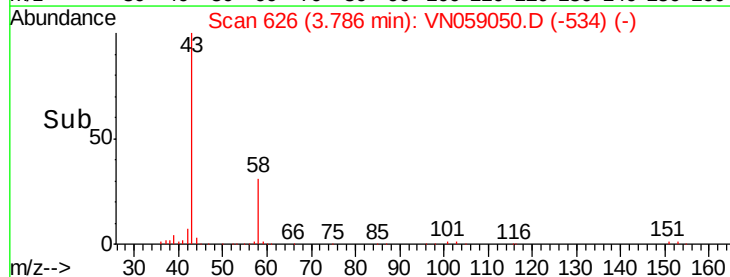
43 100

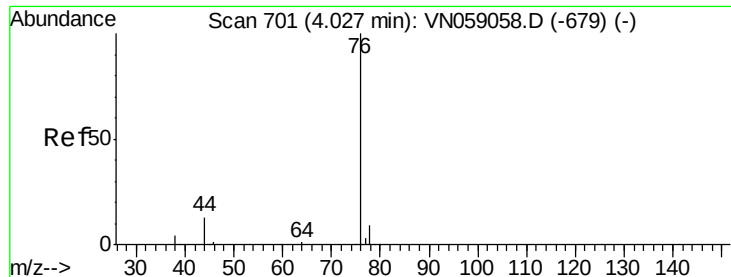
58 31.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VN059050.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059050.D (-534) (-)





#17

Carbon Disulfide

Concen: 34.321 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

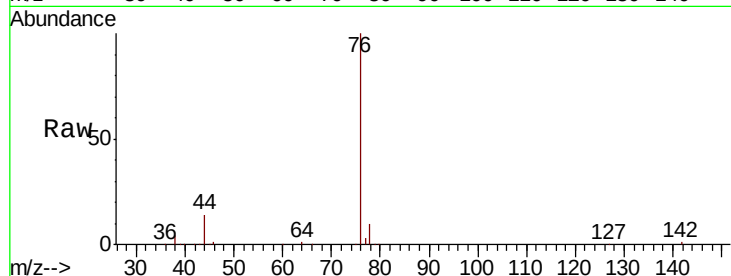
ClientSampled :

Tot Ion: 76 Resp: 384539

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

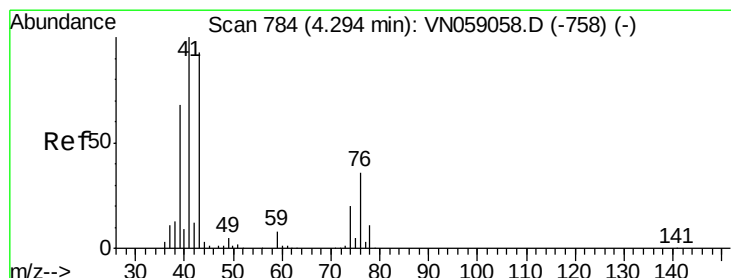
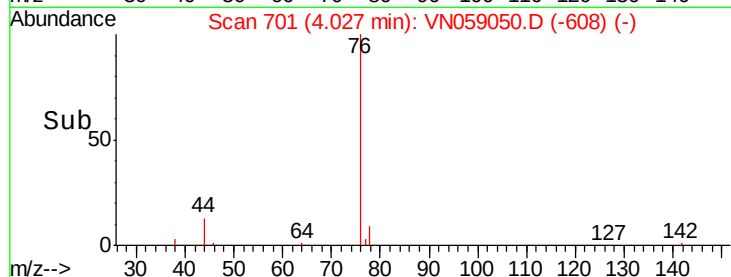
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 44.339 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN059050.D

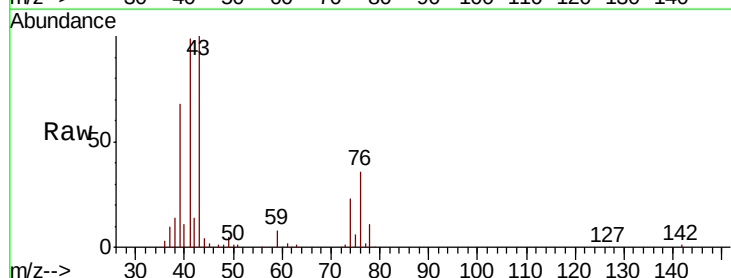
Acq: 1 Nov 2019 9:19

Tgt Ion: 43 Resp: 259506

Ion Ratio Lower Upper

43 100

74 22.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

100000

80000

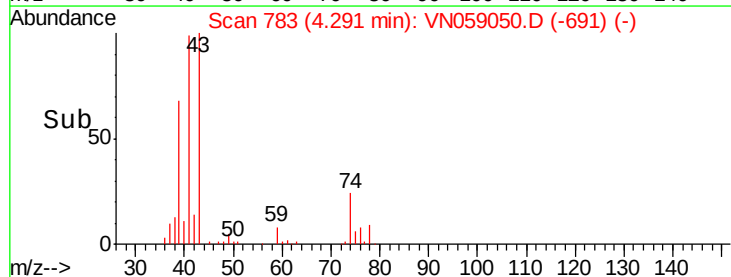
60000

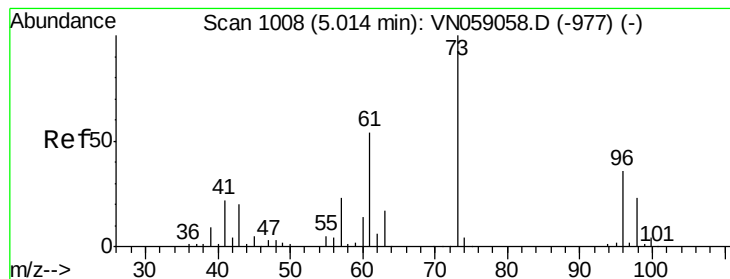
40000

20000

0

Time-->



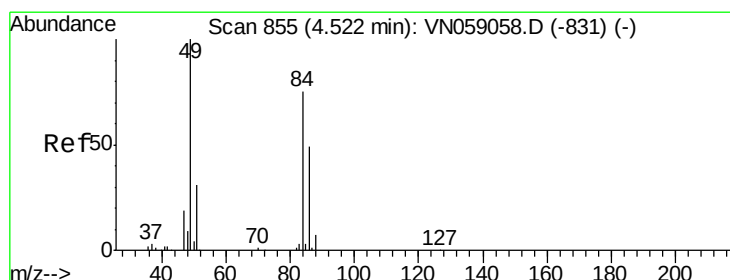
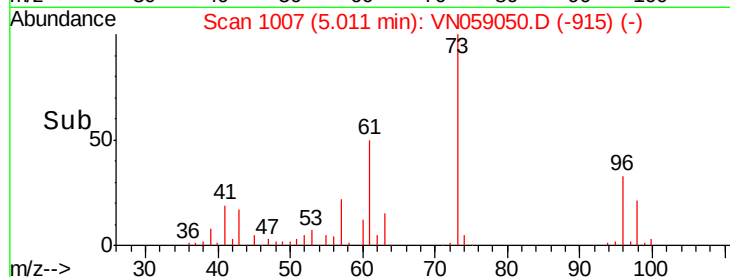
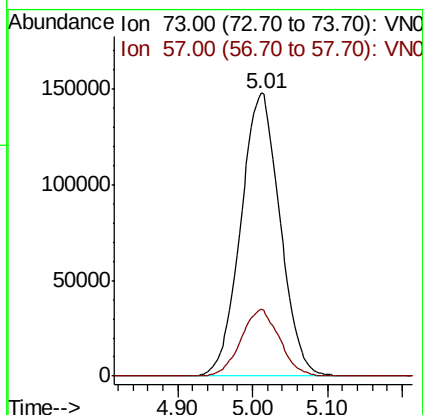
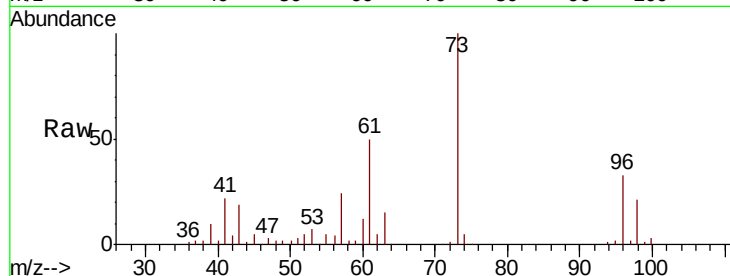


#19

Methyl tert-butyl Ether
 Concen: 44.342 ug/l
 RT: 5.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Instrument :
 MSVOA_N
 ClientSampled :

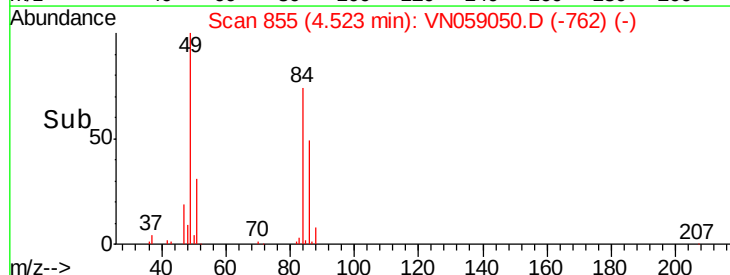
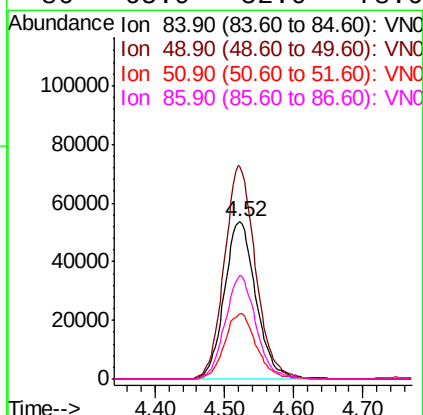
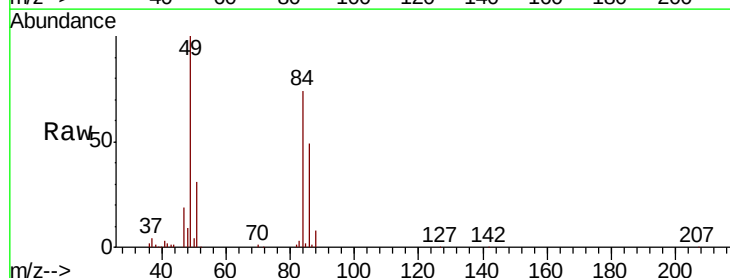
Tot Ion: 73 Resp: 539084
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.4 27.6

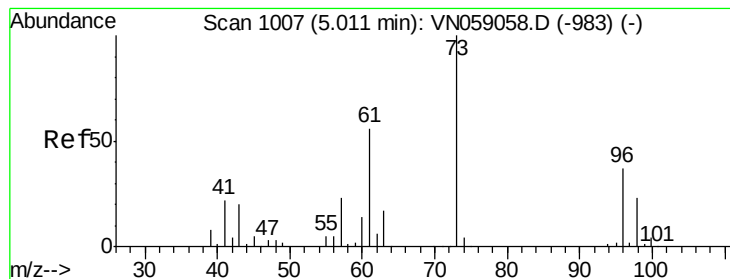


#20

Methylene Chloride
 Concen: 39.025 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion: 84 Resp: 170768
 Ion Ratio Lower Upper
 84 100
 49 135.3 106.4 159.6
 51 41.7 33.0 49.4
 86 65.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 40.519 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :
MSVOA_N
ClientSampled :

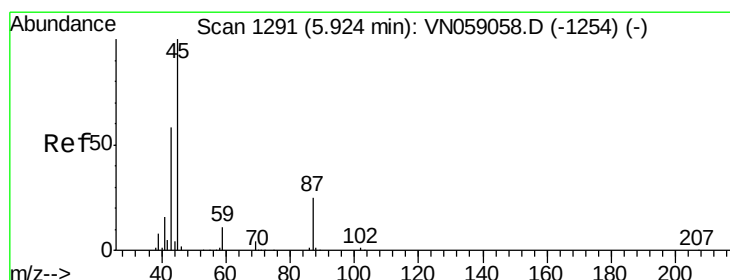
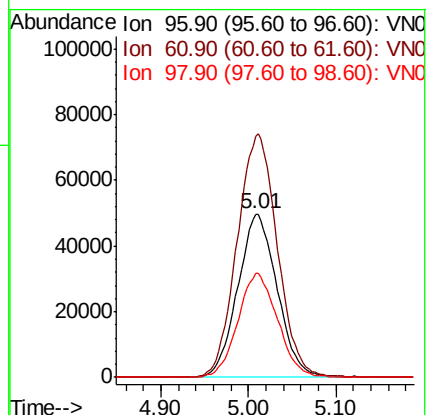
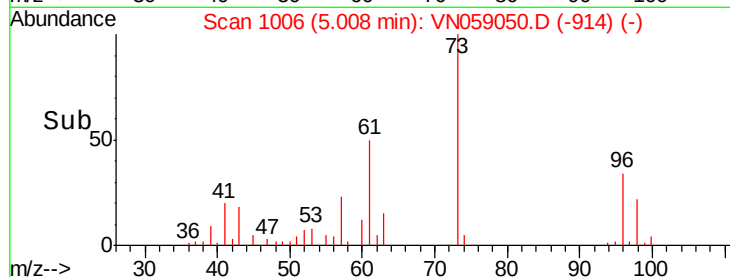
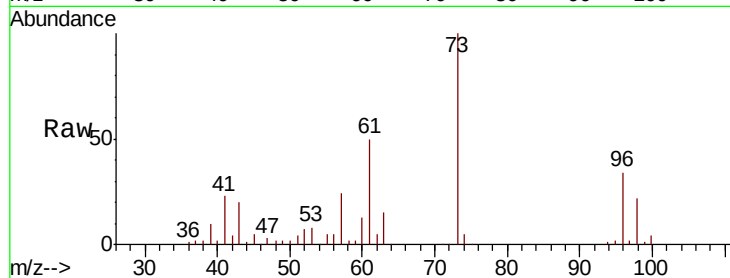
Tot Ion: 96 Resp: 155604

Ion Ratio Lower Upper

96 100

61 147.1 121.7 182.5

98 63.4 50.6 76.0



#22

Diisopropyl ether

Concen: 44.333 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Tgt Ion: 45 Resp: 608526

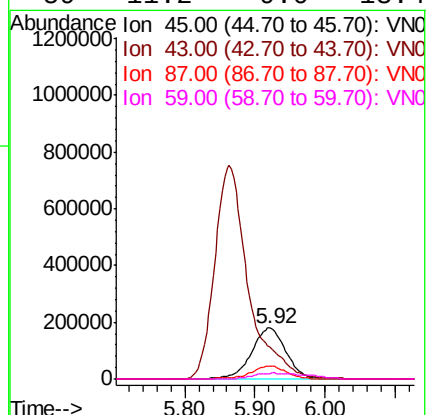
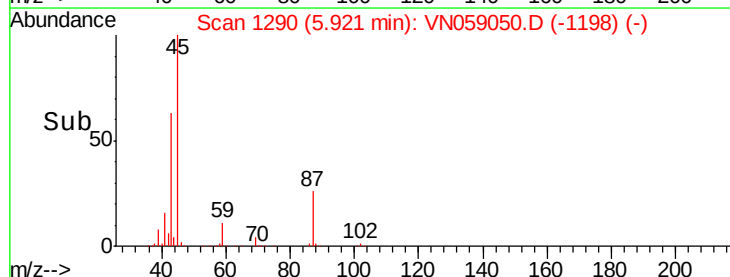
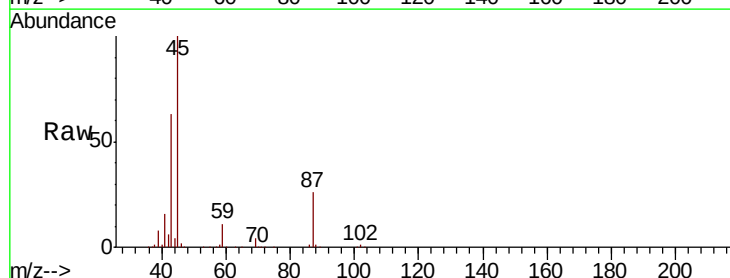
Ion Ratio Lower Upper

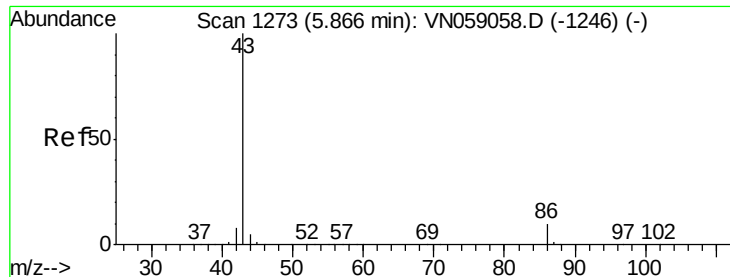
45 100

43 61.1 46.9 70.3

87 26.2 20.1 30.1

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 228.278 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

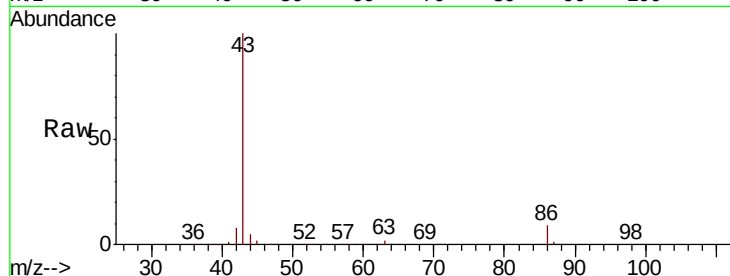
ClientSampleId :

Tot Ion: 43 Resp: 2504639

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

800000

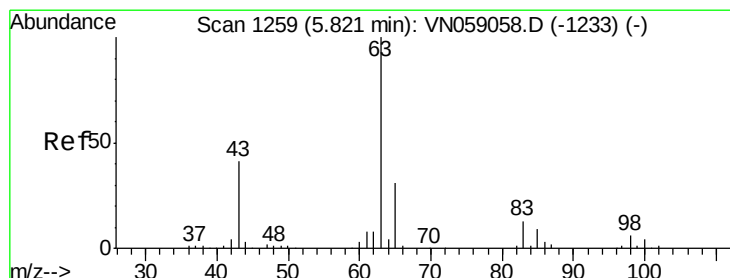
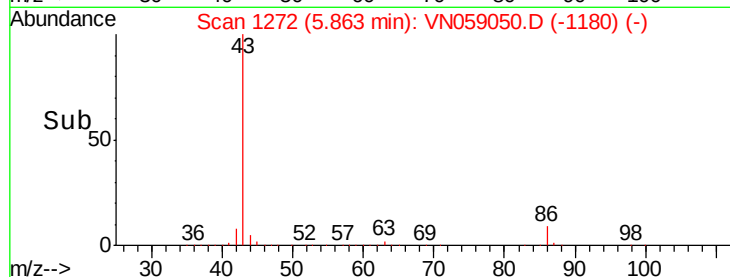
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 40.991 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

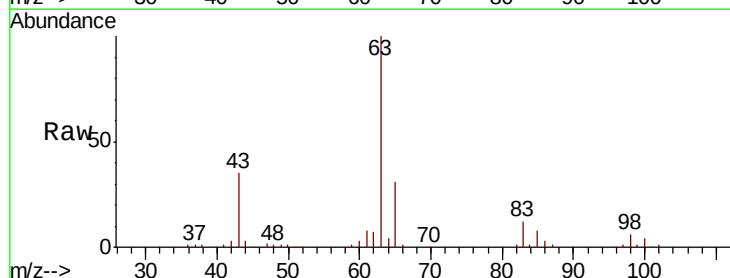
Tgt Ion: 63 Resp: 326287

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

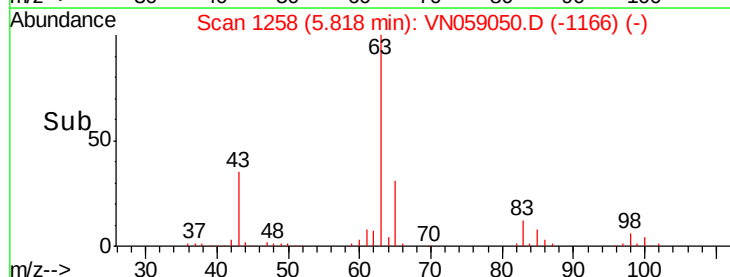
Ion 99.90 (99.60 to 100.60): VN0

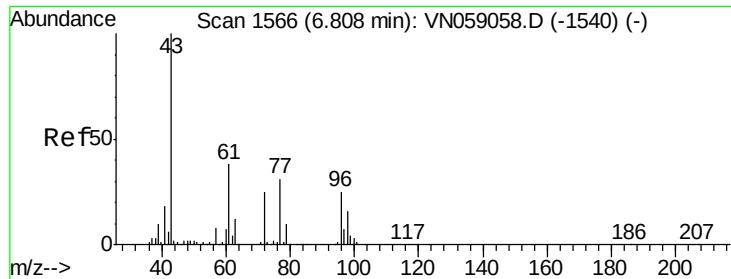
100000

50000

0

Time-->

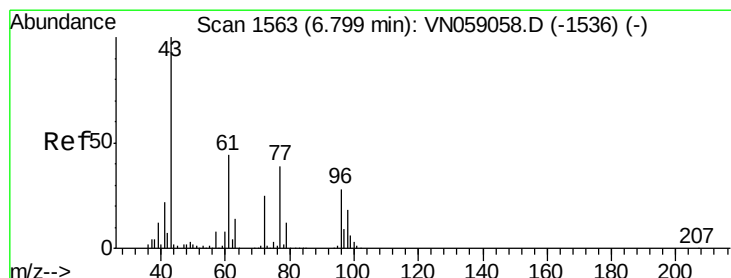
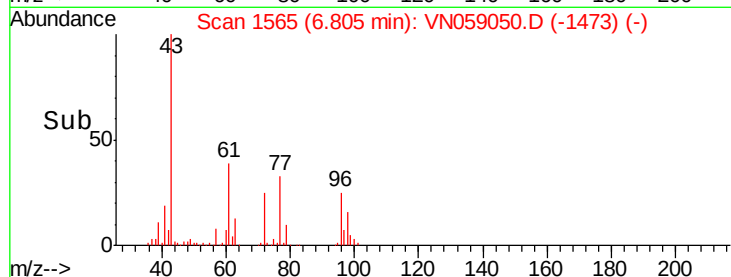
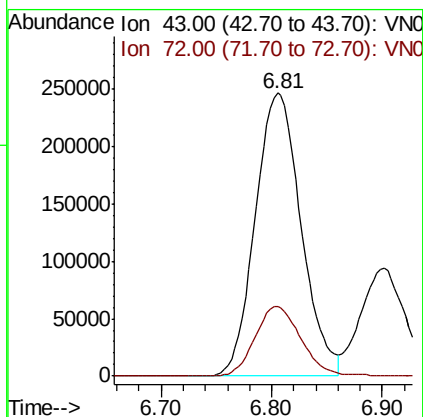
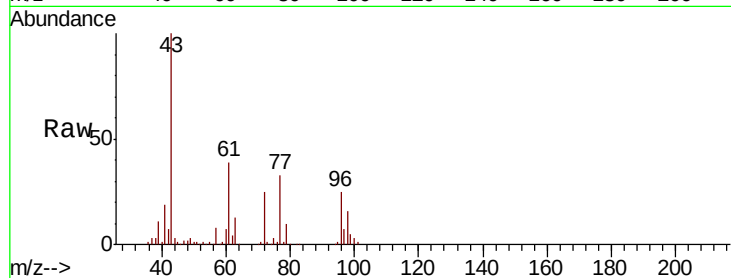




#25
2-Butanone
Concen: 214.293 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

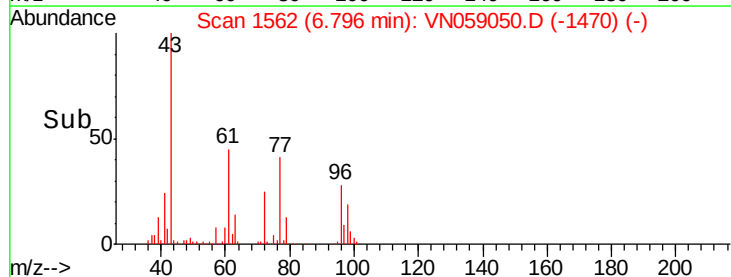
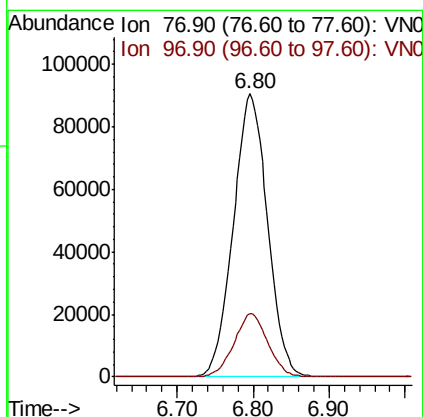
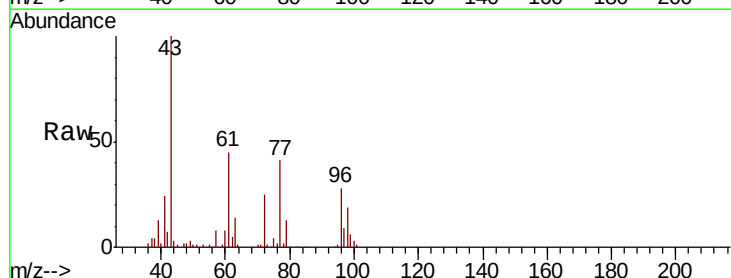
Instrument :
MSVOA_N
ClientSampled :

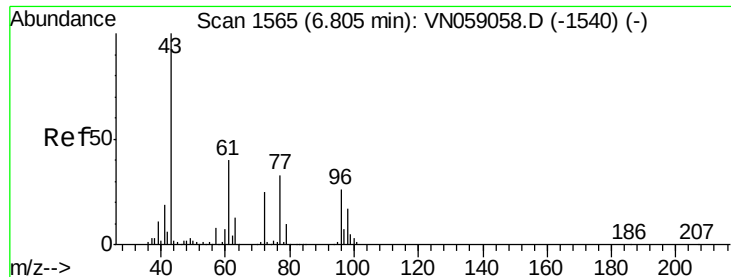
Tot Ion: 43 Resp: 707731
Ion Ratio Lower Upper
43 100
72 24.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 41.155 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 77 Resp: 282301
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 42.488 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

ClientSampled :

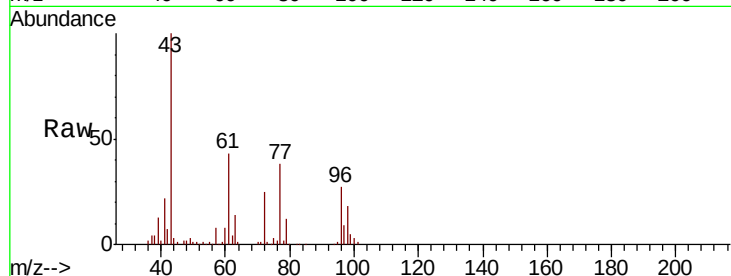
Tot Ion: 96 Resp: 186036

Ion Ratio Lower Upper

96 100

61 158.5 0.0 316.4

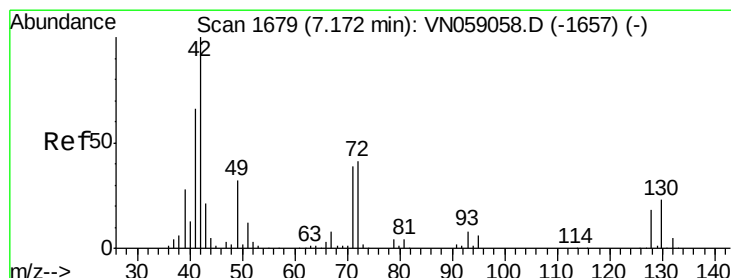
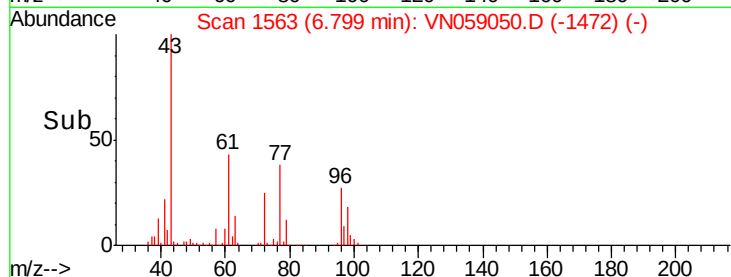
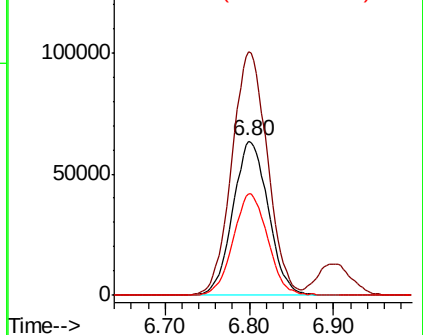
98 64.4 0.0 128.2



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: 36.958 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.01 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

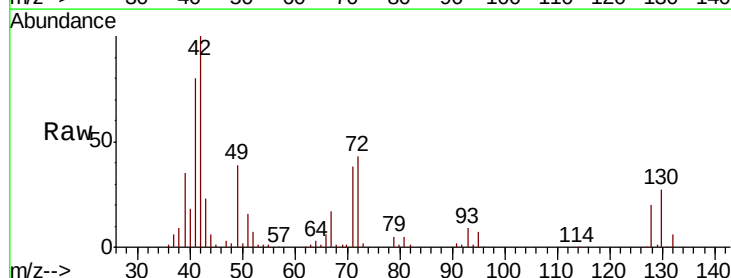
Tgt Ion: 49 Resp: 96505

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.4

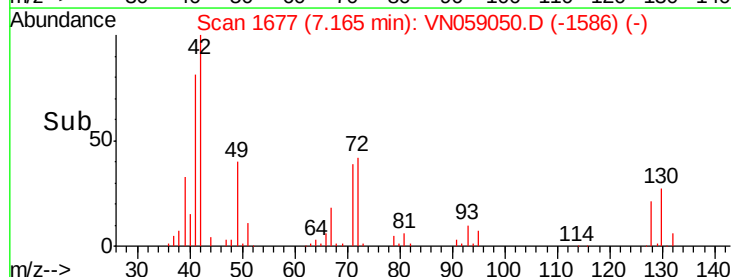
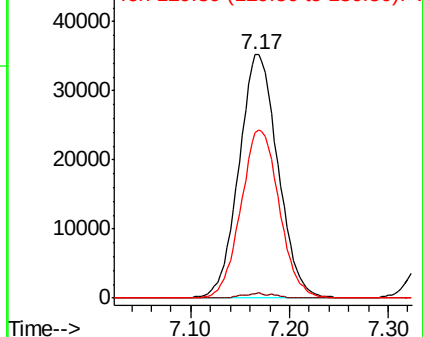
130 67.8 55.0 82.6

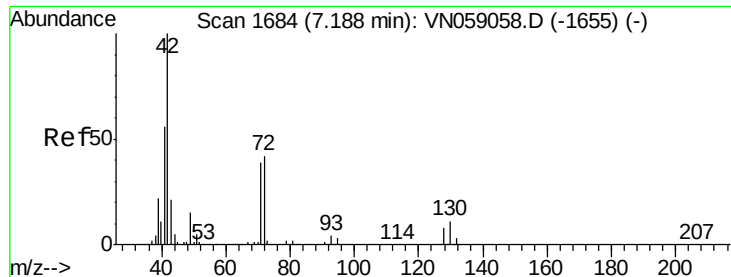


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

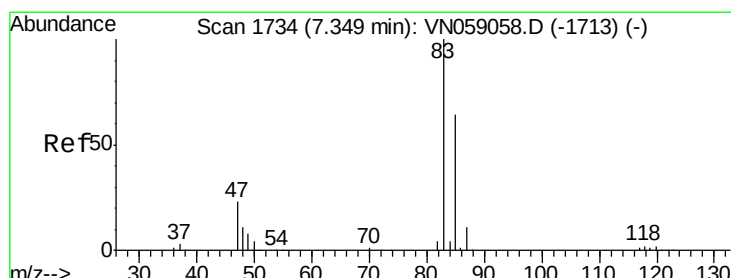
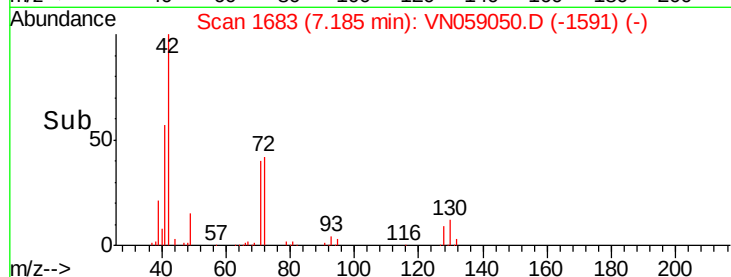
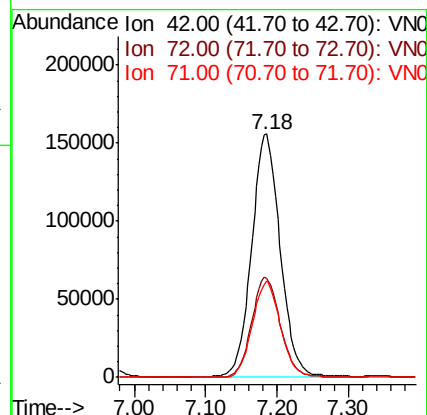
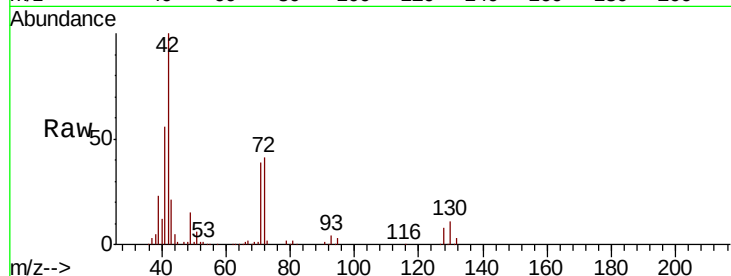




#29
Tetrahydrofuran
Concen: 215.135 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

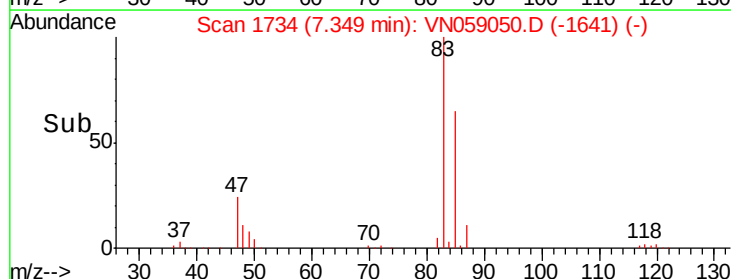
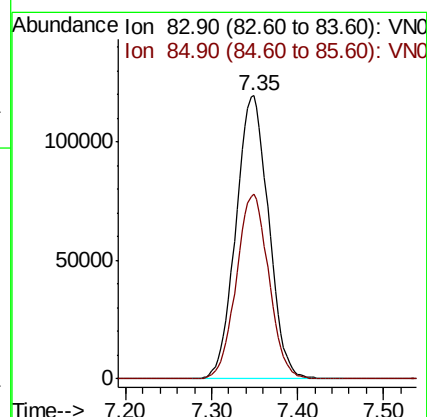
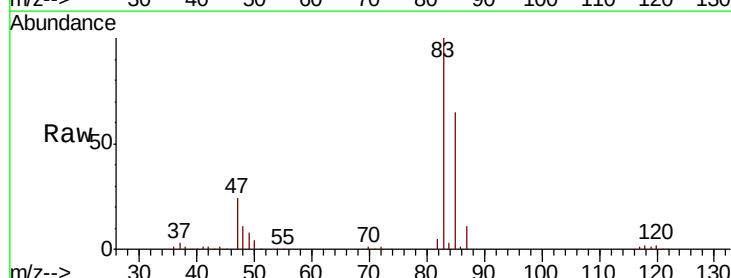
Instrument :
MSVOA_N
ClientSampled :

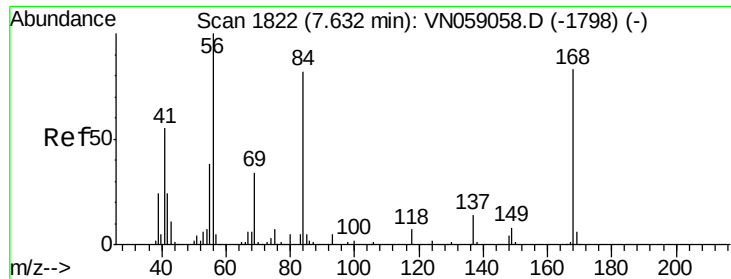
Tot Ion: 42 Resp: 435703
Ion Ratio Lower Upper
42 100
72 41.0 32.7 49.1
71 38.6 31.2 46.8



#30
Chloroform
Concen: 39.790 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 83 Resp: 315588
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3





#31

Cyclohexane

Concen: 37.323 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :
MSVOA_N
ClientSampleId :

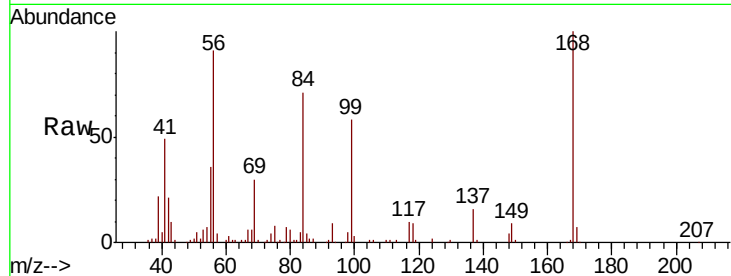
Tot Ion: 56 Resp: 276275

Ion Ratio Lower Upper

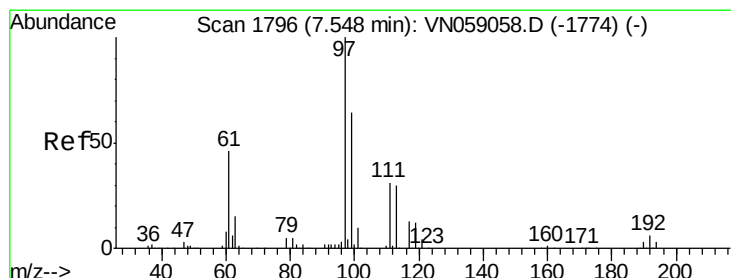
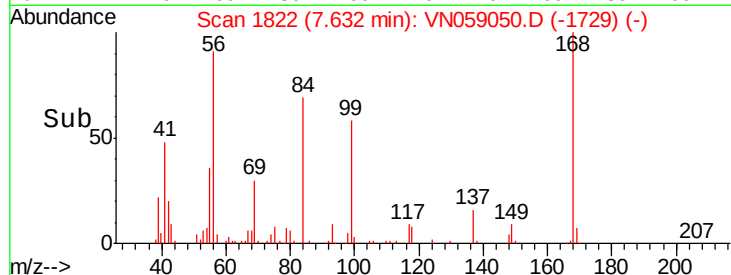
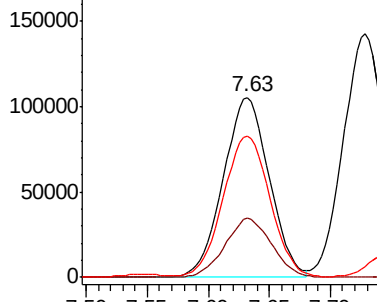
56 100

69 32.9 27.2 40.8

84 76.9 65.2 97.8



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



#32

1,1,1-Trichloroethane

Concen: 40.048 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

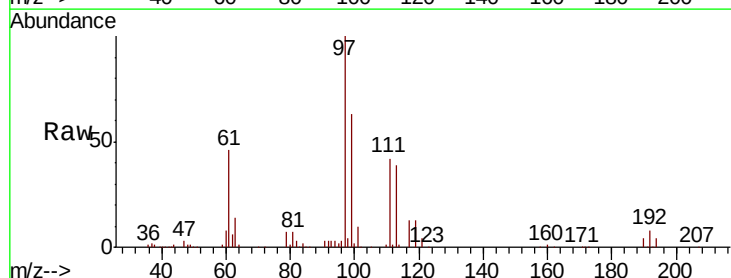
Tgt Ion: 97 Resp: 267102

Ion Ratio Lower Upper

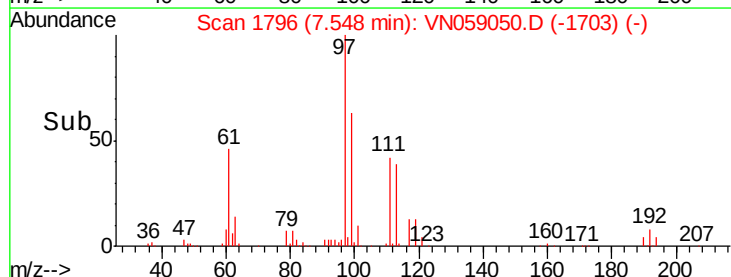
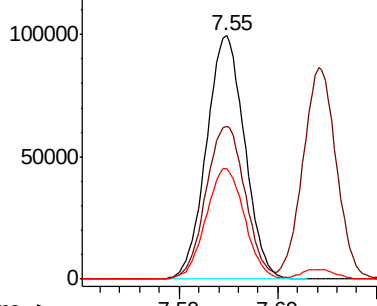
97 100

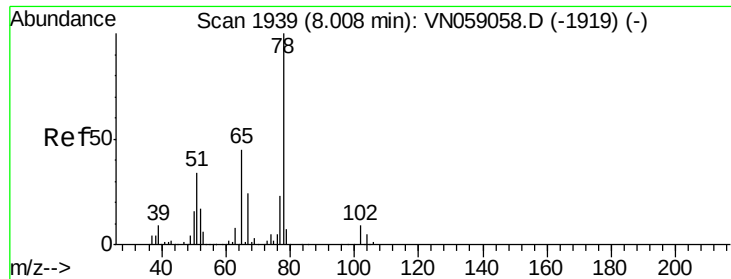
99 64.4 50.7 76.1

61 45.8 36.3 54.5



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

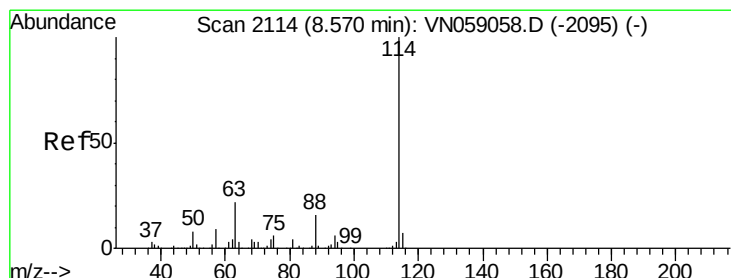
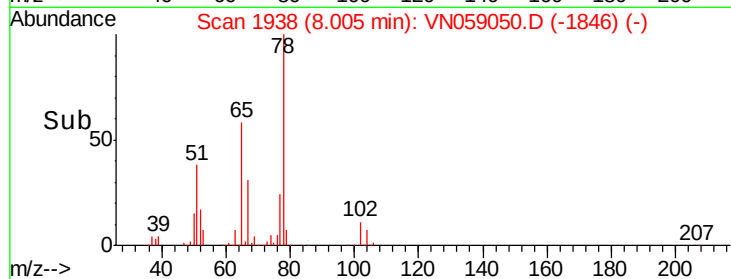
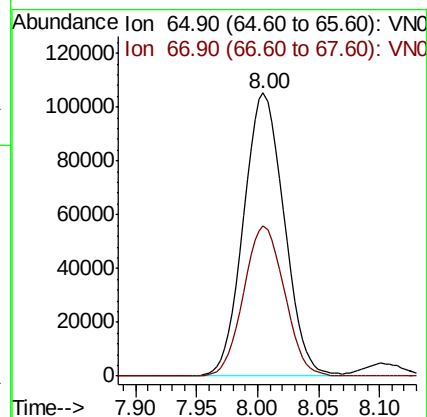
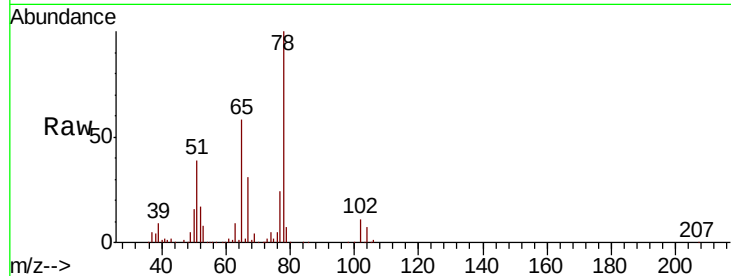




#33
 1,2-Dichloroethane-d4
 Concen: 47.351 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

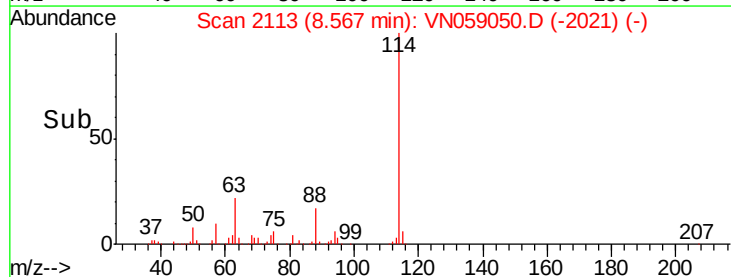
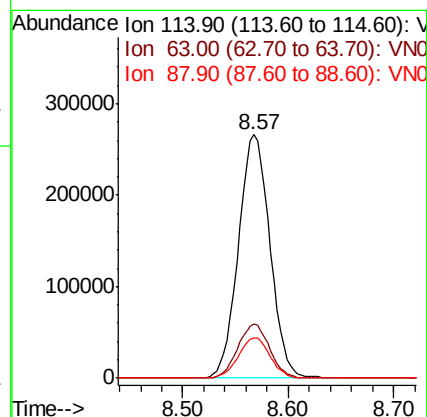
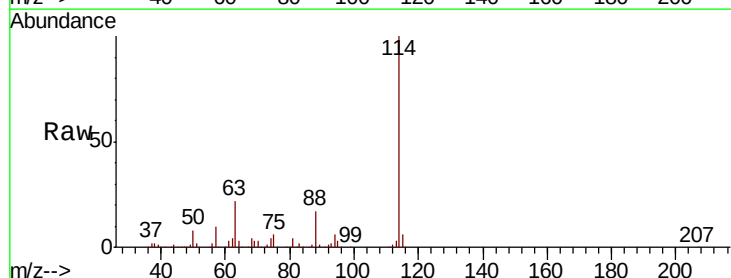
Instrument :
 MSVOA_N
 ClientSampled :

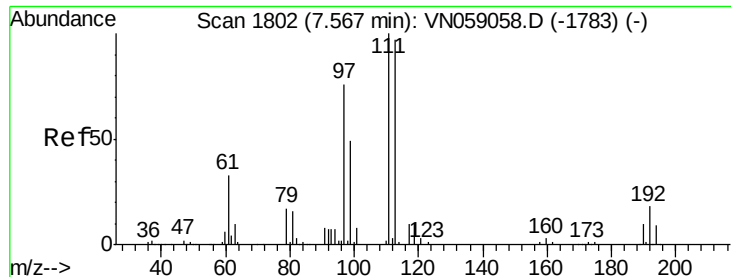
Tot Ion: 65 Resp: 242840
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion: 114 Resp: 551775
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 16.5 0.0 33.0

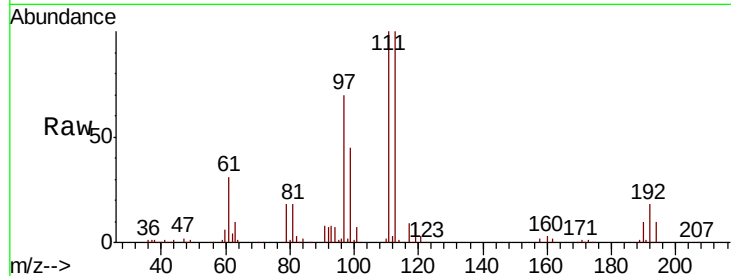




#35
 Dibromofluoromethane
 Concen: 52.318 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	19.9	15.9	23.9

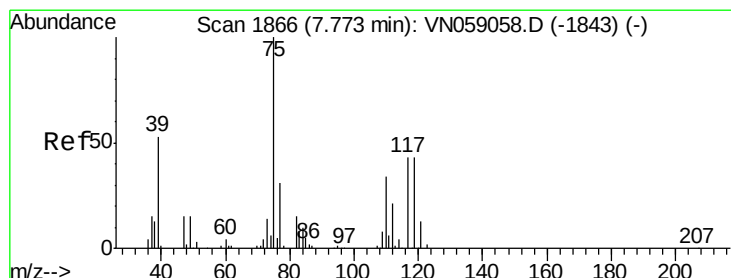
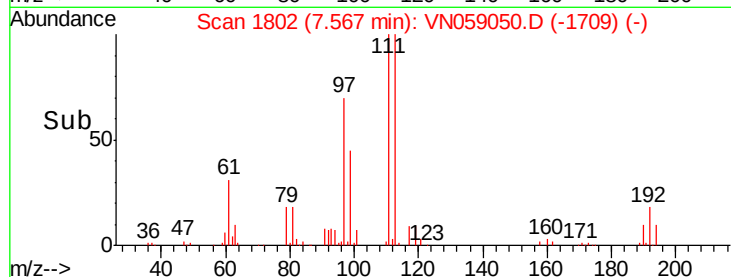
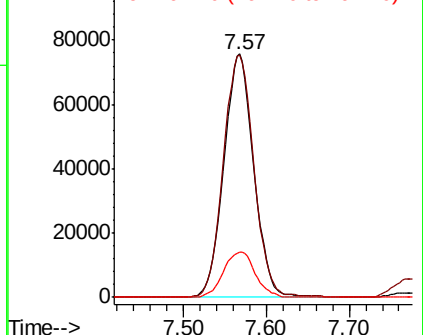


Abundance

Ion 112.80 (112.50 to 113.50): V

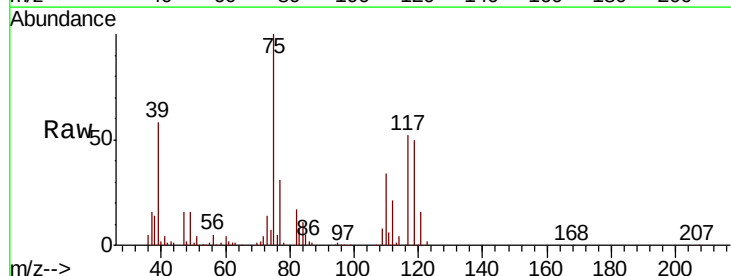
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 41.505 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.6
77	31.1	25.0	37.4

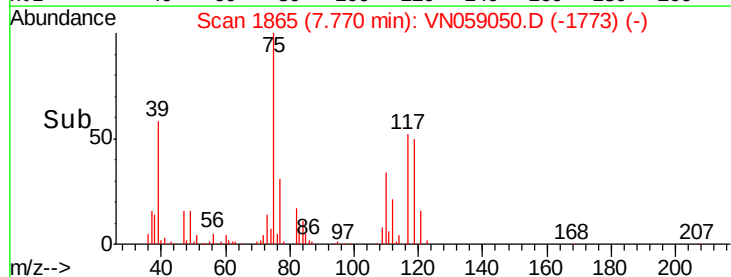
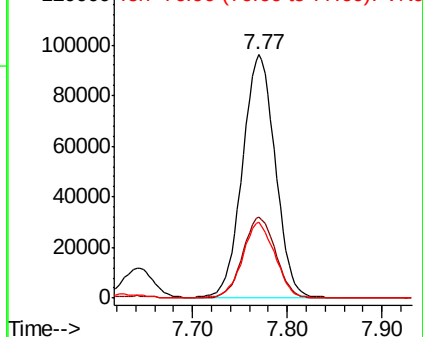


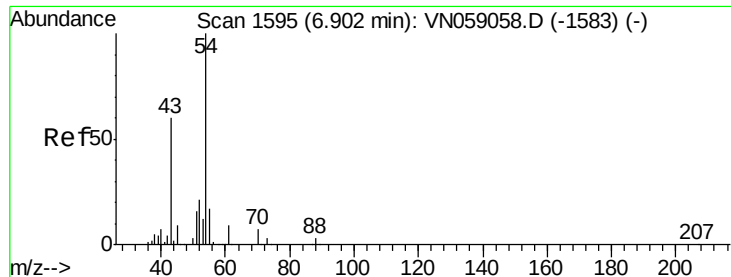
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

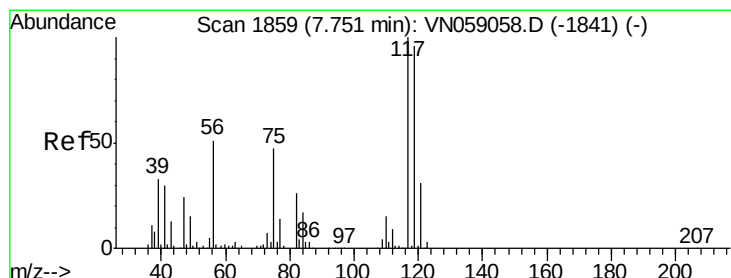
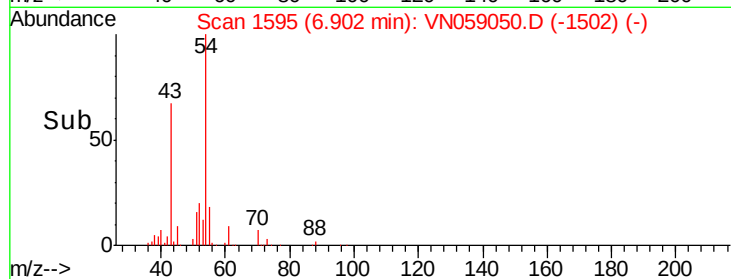
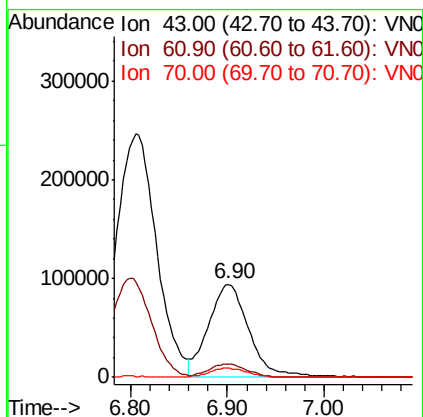
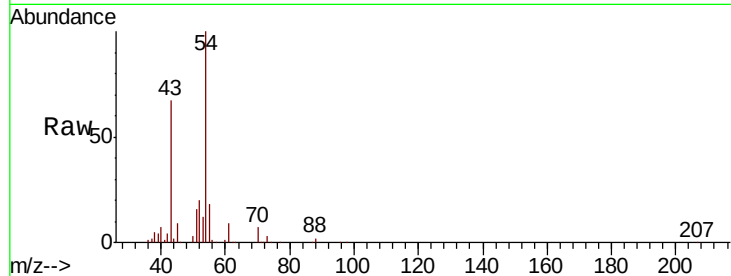




#37
Ethyl Acetate
Concen: 44.138 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

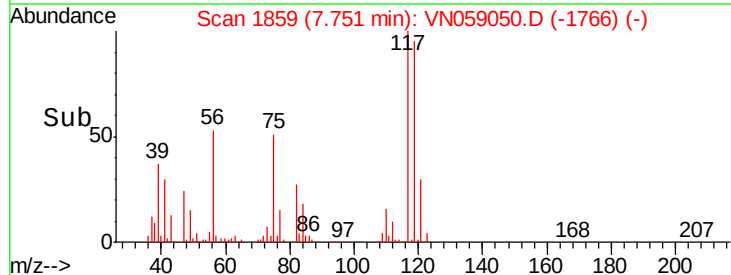
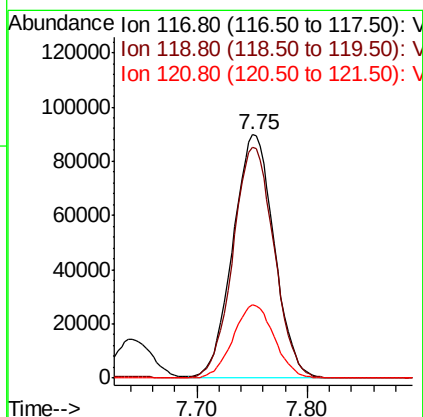
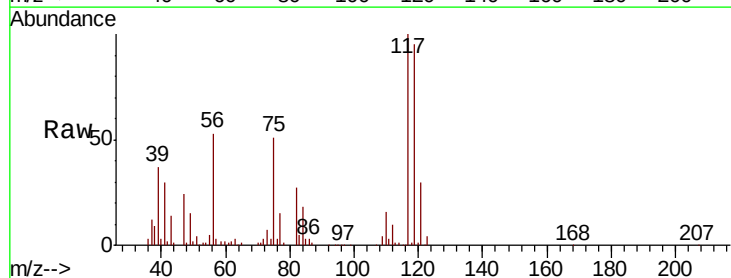
Instrument :
MSVOA_N
ClientSampleId :

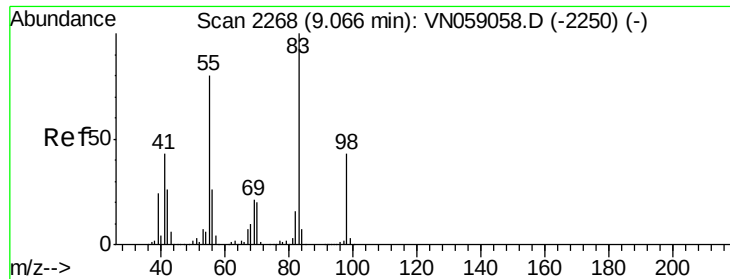
Tot Ion: 43 Resp: 267710
Ion Ratio Lower Upper
43 100
61 13.8 11.2 16.8
70 9.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 40.649 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 117 Resp: 232318
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8
121 30.1 24.6 37.0

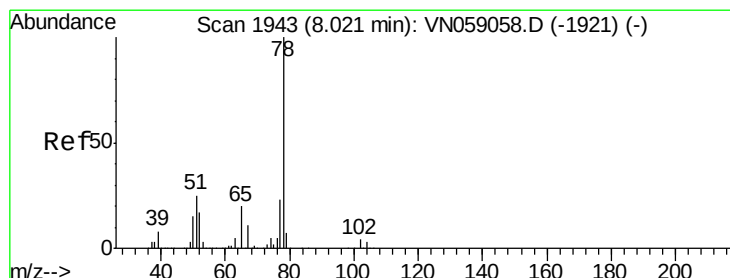
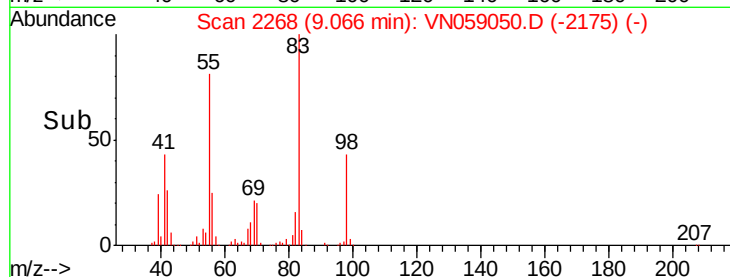
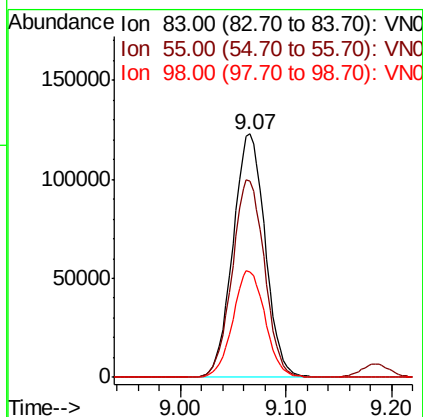
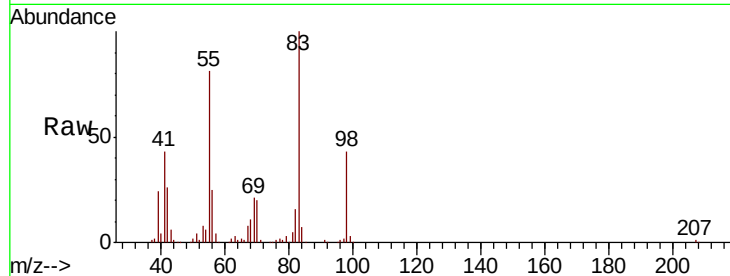




#39
Methylvlcyclohexane
Concen: 41.399 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

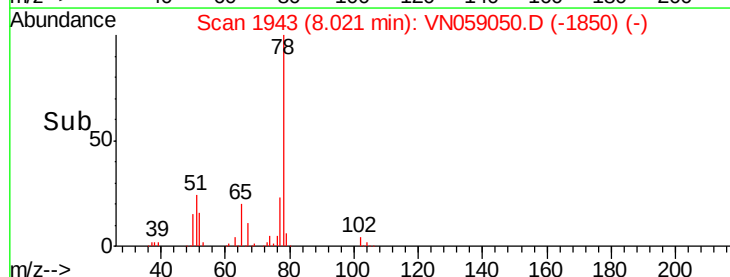
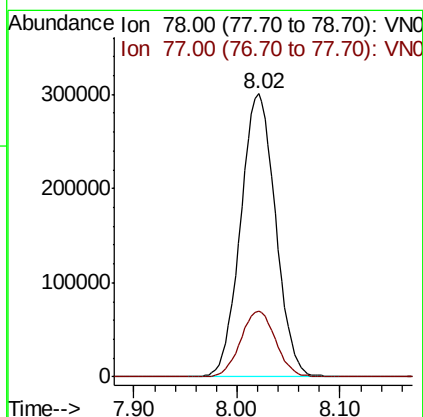
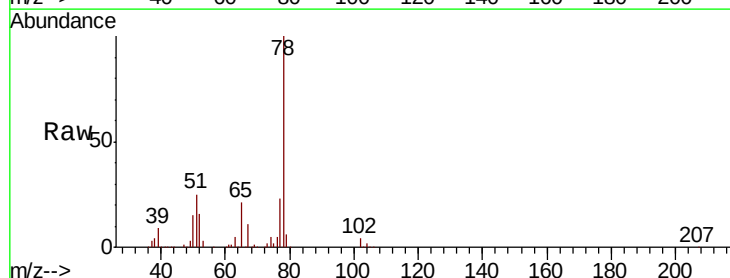
Instrument :
MSVOA_N
ClientSampled :

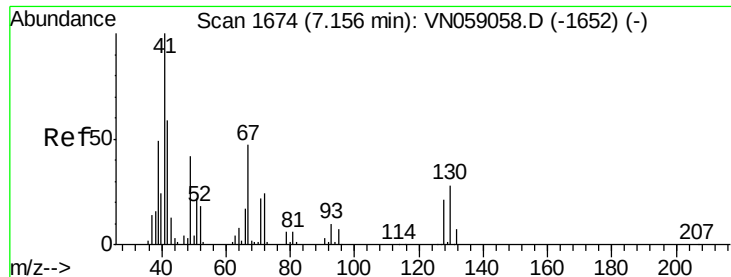
Tot Ion: 83 Resp: 260503
Ion Ratio Lower Upper
83 100
55 80.6 64.1 96.1
98 43.4 34.3 51.5



#40
Benzene
Concen: 43.238 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 78 Resp: 708394
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8

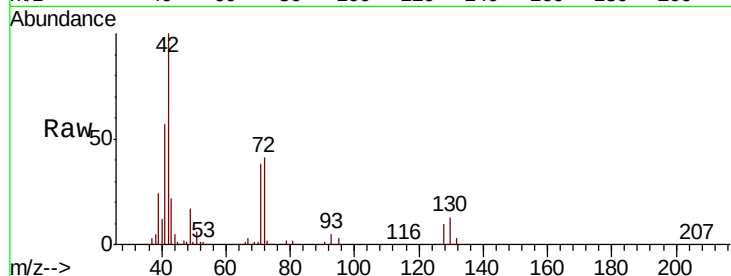




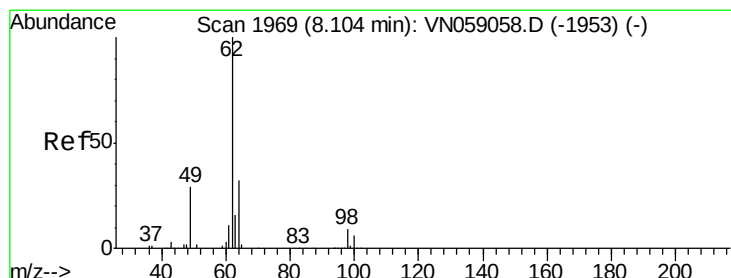
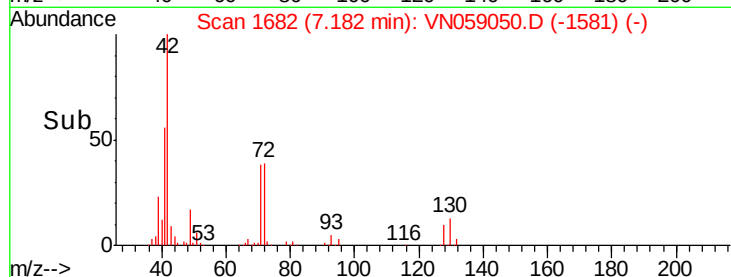
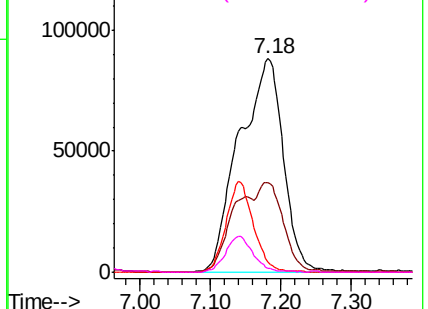
#41
Methacrylonitrile
Concen: 139.629 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	383747
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

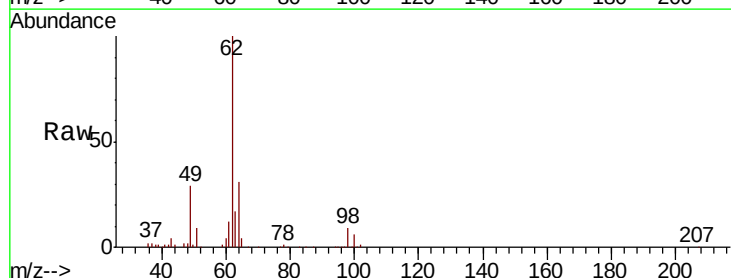


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

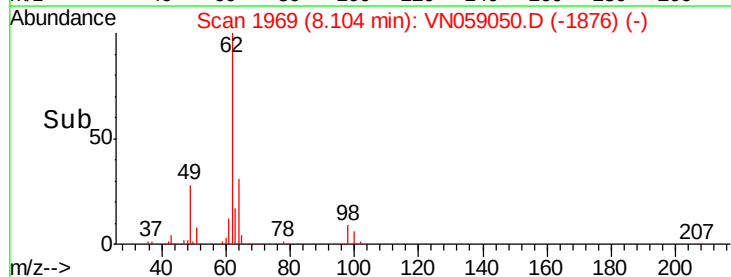
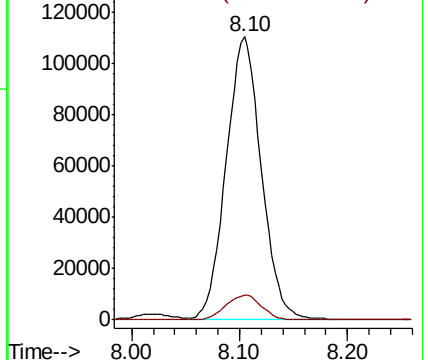


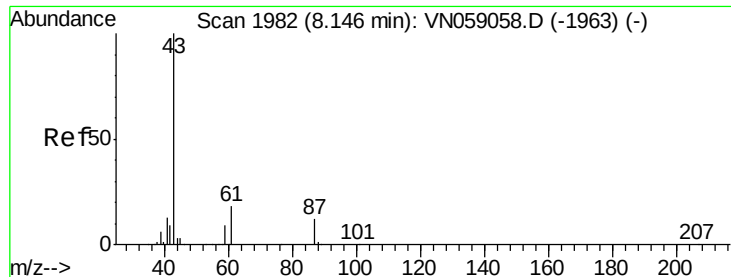
#42
1,2-Dichloroethane
Concen: 40.193 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion:	62	Resp:	249825
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



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

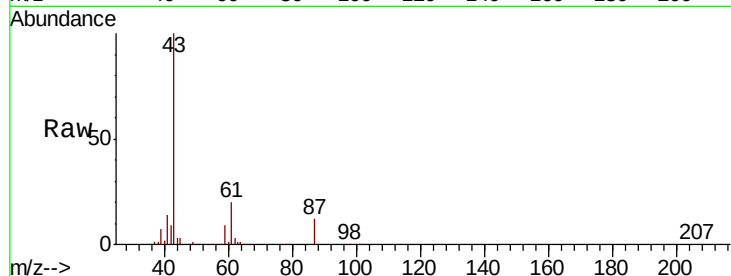




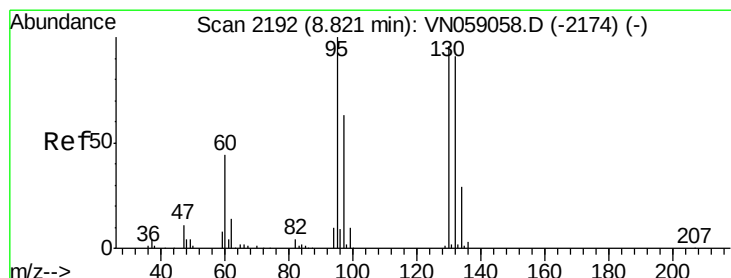
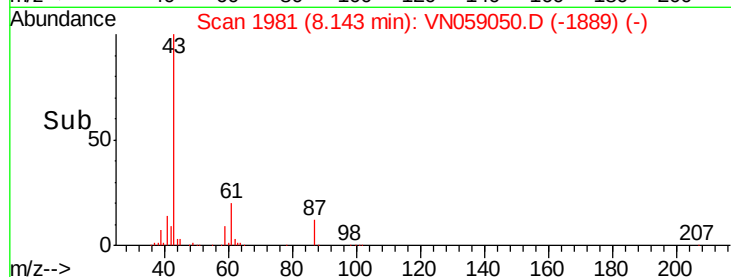
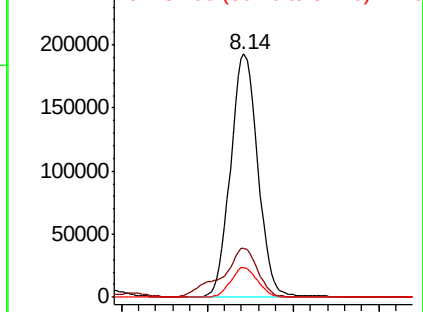
#43
Isopropyl Acetate
Concen: 43.583 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 424785
Ion Ratio Lower Upper
43 100
61 26.2 20.5 30.7
87 12.2 9.8 14.8

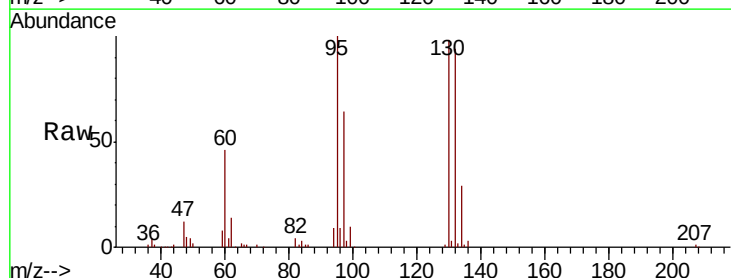


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

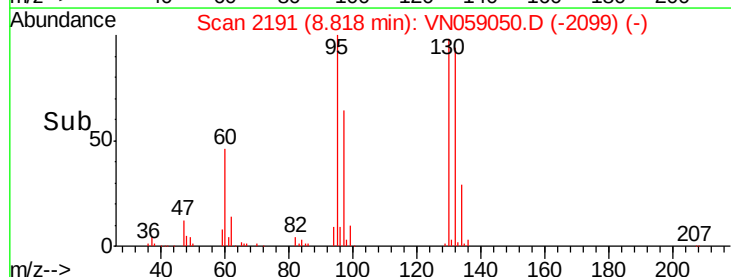
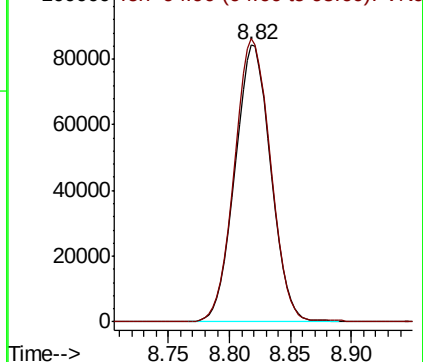


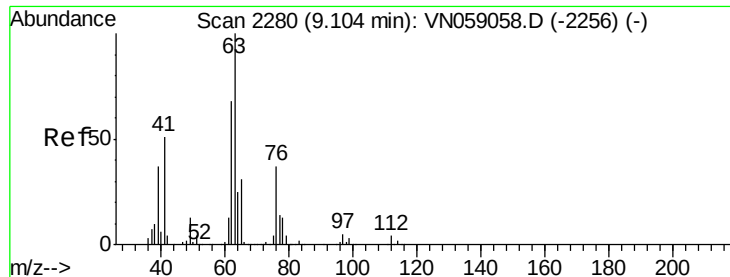
#44
Trichloroethene
Concen: 42.806 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion:130 Resp: 171235
Ion Ratio Lower Upper
130 100
95 102.0 0.0 207.6



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





#45

1,2-Dichloropropane

Concen: 44.286 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

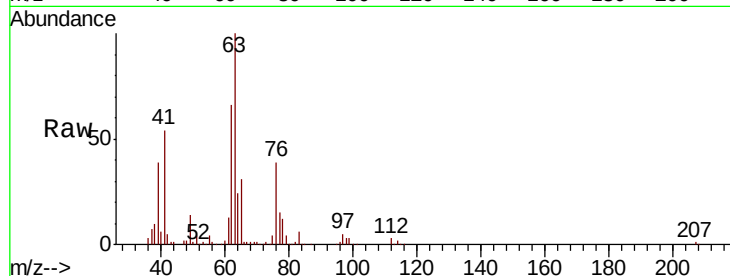
ClientSampled :

Tot Ion: 63 Resp: 198834

Ion Ratio Lower Upper

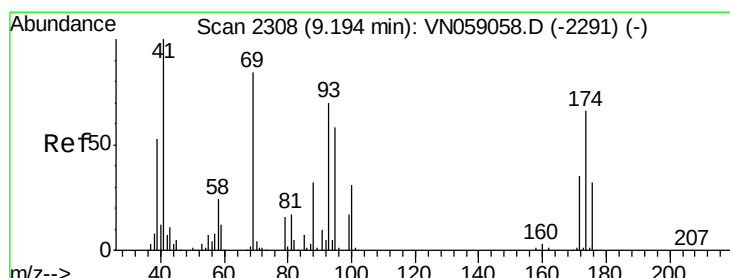
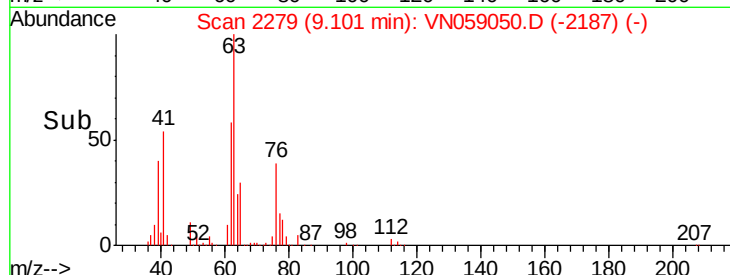
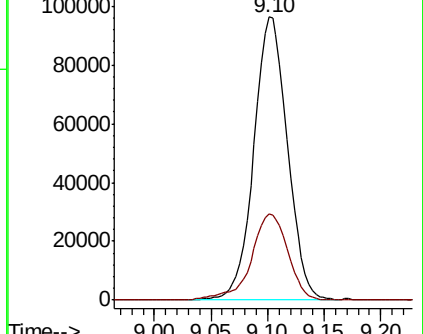
63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 43.176 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

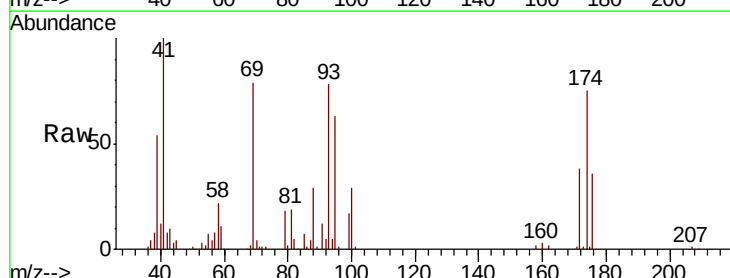
Tgt Ion: 93 Resp: 122065

Ion Ratio Lower Upper

93 100

95 80.3 67.2 100.8

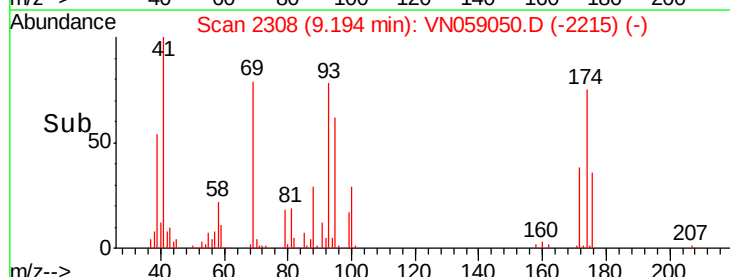
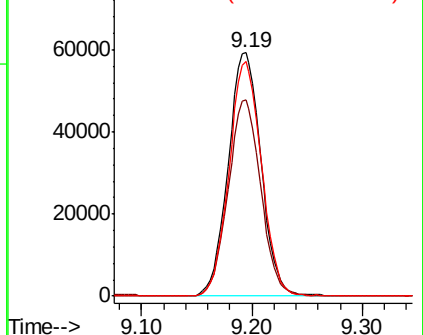
174 95.2 78.3 117.5

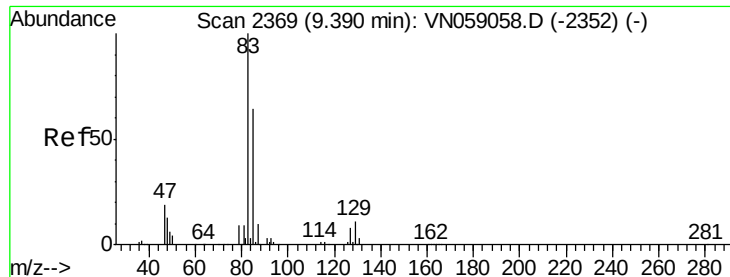


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 43.118 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

ClientSampleId :

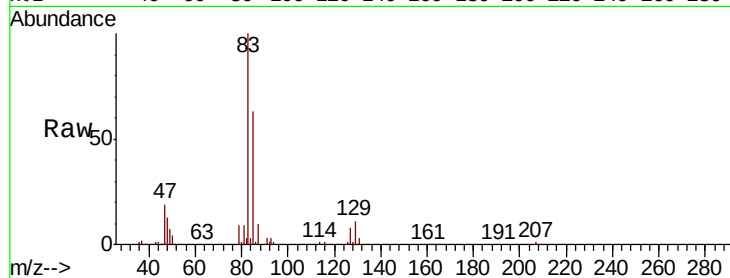
Tot Ion: 83 Resp: 250644

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN059050.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059050.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059050.D (-2276) (-)

9.39

150000

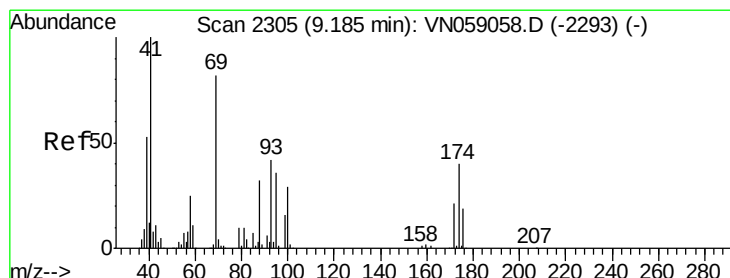
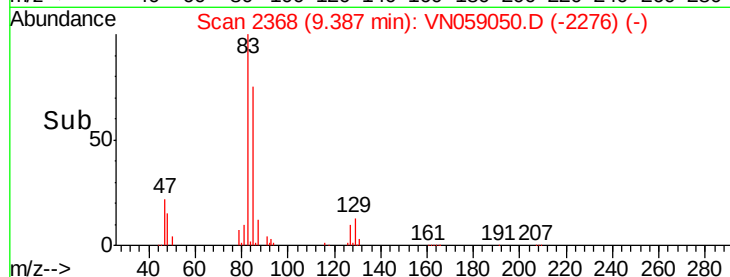
100000

50000

0

9.30 9.40 9.50

Time-->



#48

Methyl methacrylate

Concen: 43.747 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

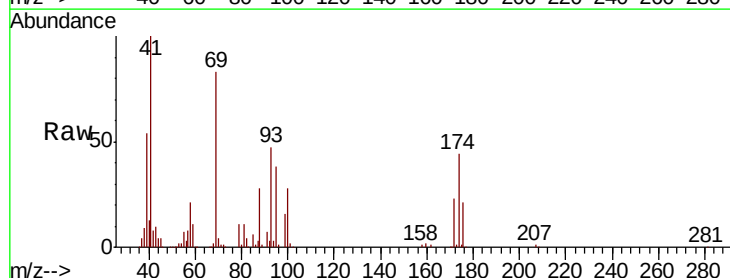
Tgt Ion: 41 Resp: 192223

Ion Ratio Lower Upper

41 100

69 84.7 67.1 100.7

39 54.9 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VN059050.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059050.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059050.D (-2212) (-)

9.18

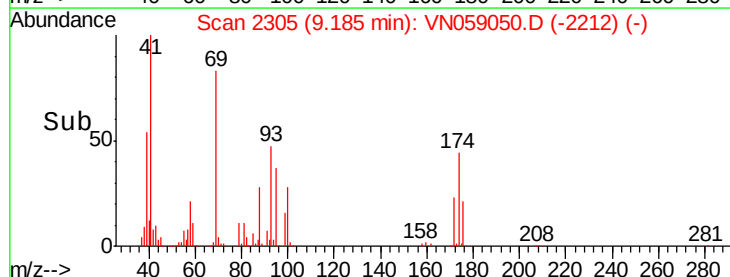
100000

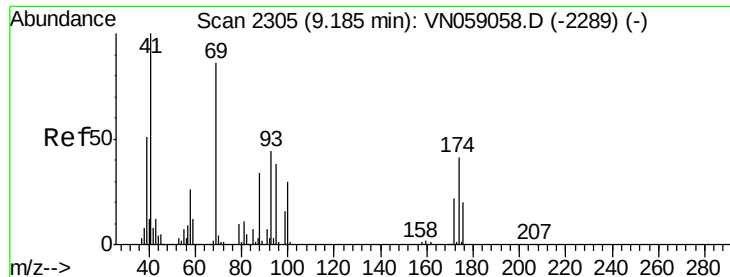
50000

0

9.15 9.20 9.25

Time-->

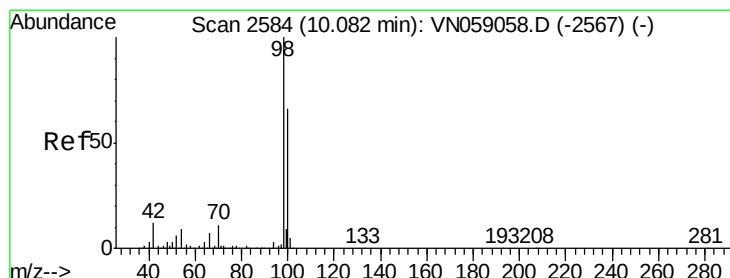
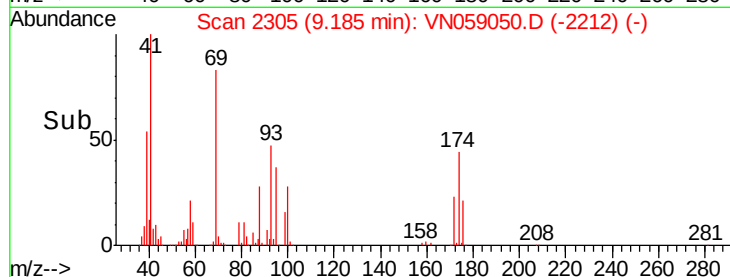
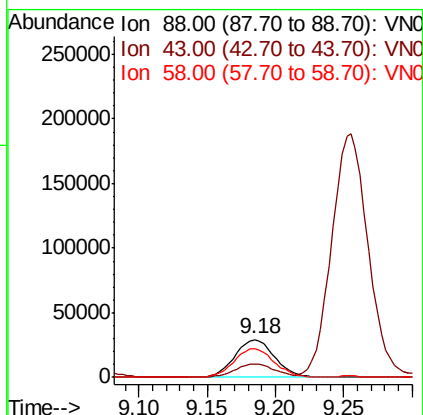
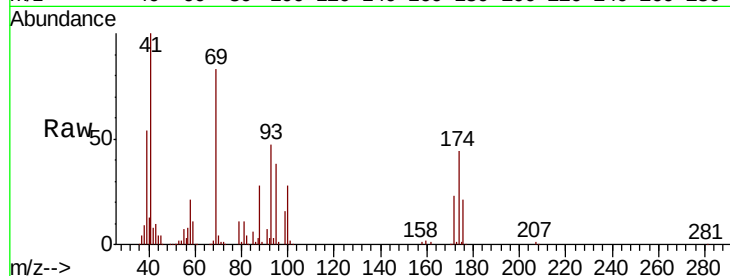




#49
1,4-Dioxane
Concen: 813.870 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

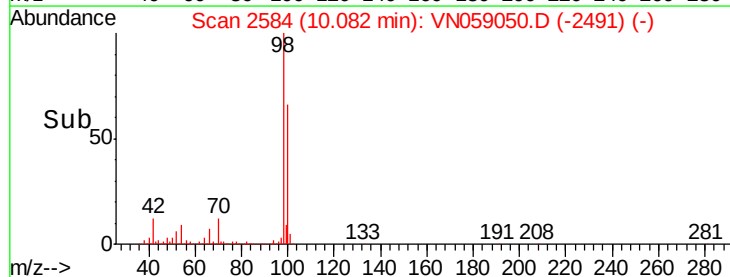
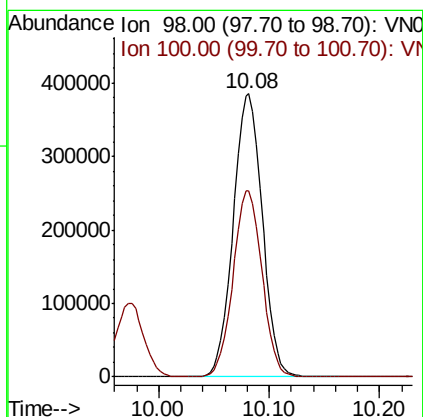
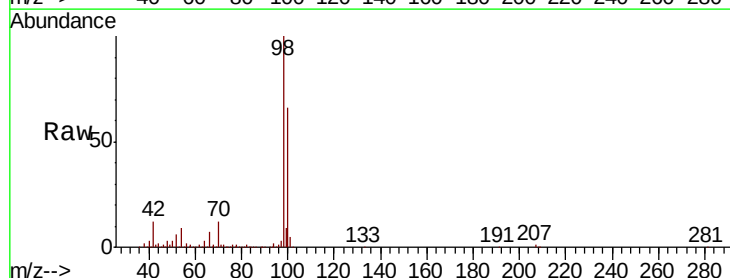
Instrument :
MSVOA_N
ClientSampled :

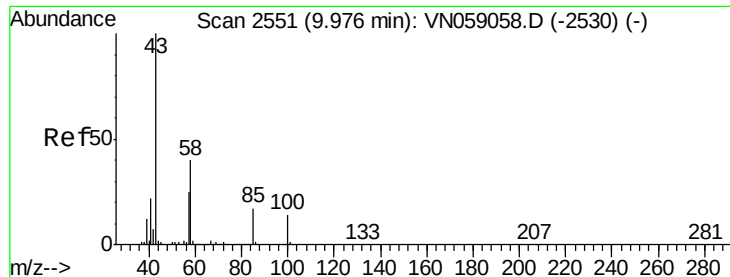
Tot Ion: 88 Resp: 60142
Ion Ratio Lower Upper
88 100
43 35.6 26.2 39.2
58 75.7 59.1 88.7



#50
Toluene-d8
Concen: 50.061 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 98 Resp: 705899
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5

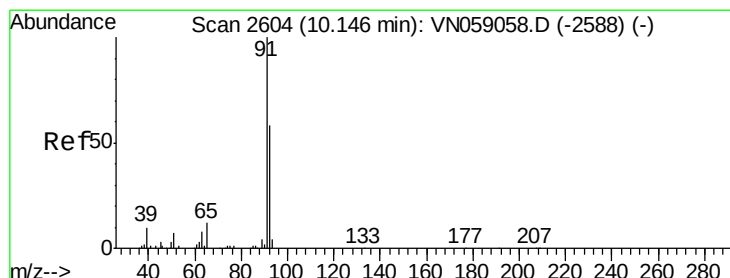
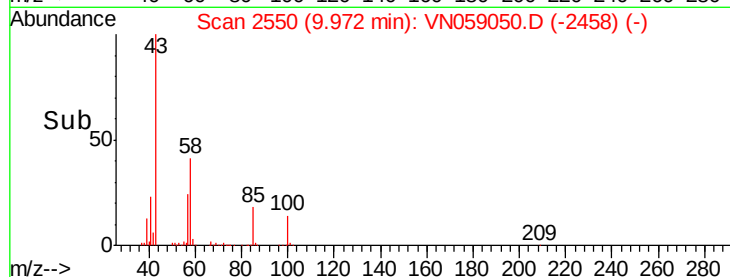
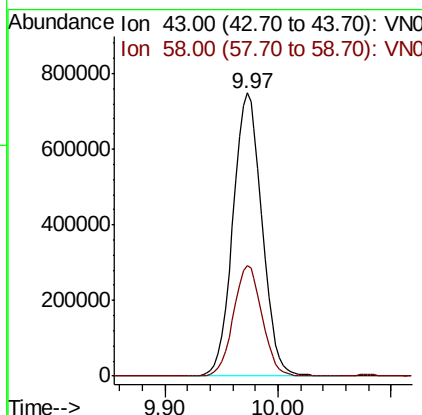
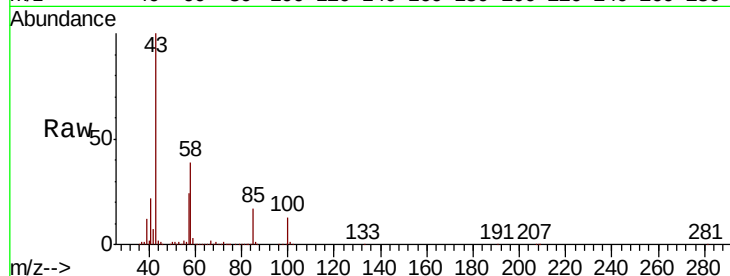




#51
4-Methyl-2-Pentanone
Concen: 235.418 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

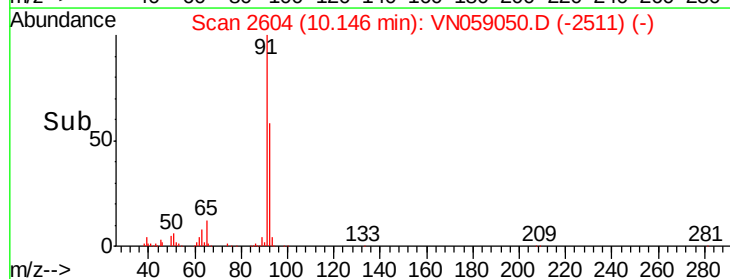
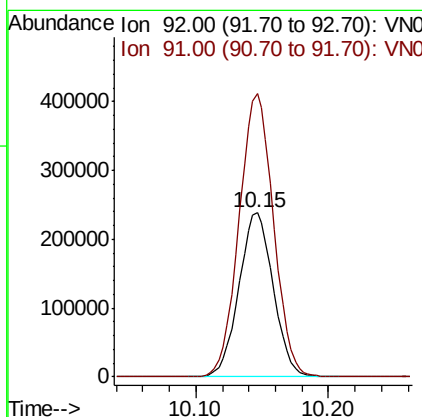
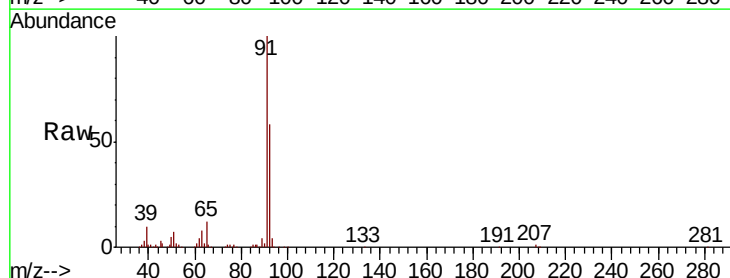
Instrument :
MSVOA_N
ClientSampled :

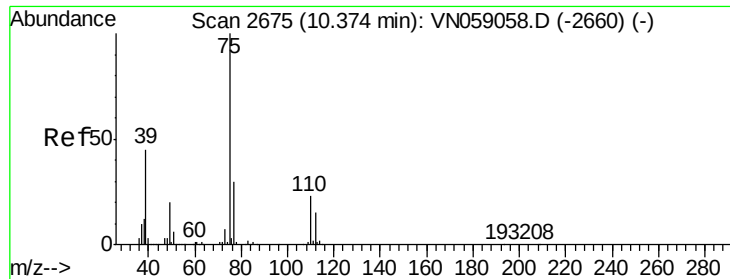
Tot Ion: 43 Resp: 1333813
Ion Ratio Lower Upper
43 100
58 38.7 31.8 47.6



#52
Toluene
Concen: 44.093 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 92 Resp: 427532
Ion Ratio Lower Upper
92 100
91 173.7 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 44.500 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

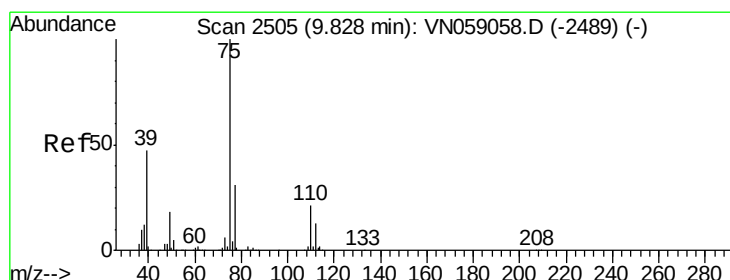
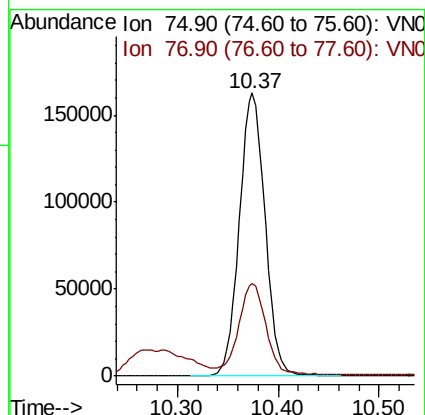
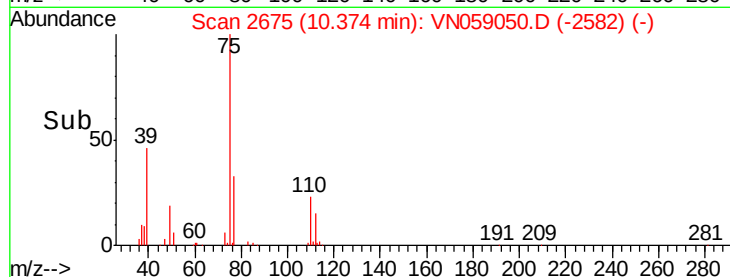
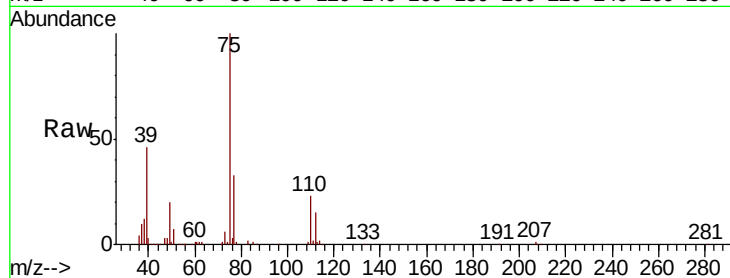
ClientSampled :

Tot Ion: 75 Resp: 287168

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 44.293 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

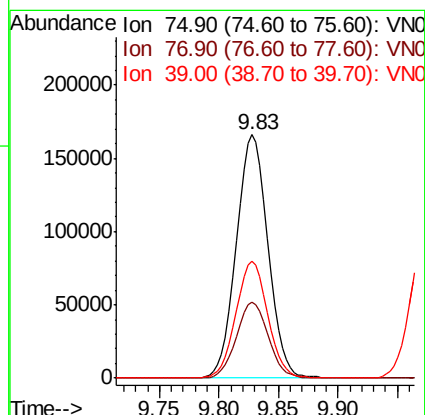
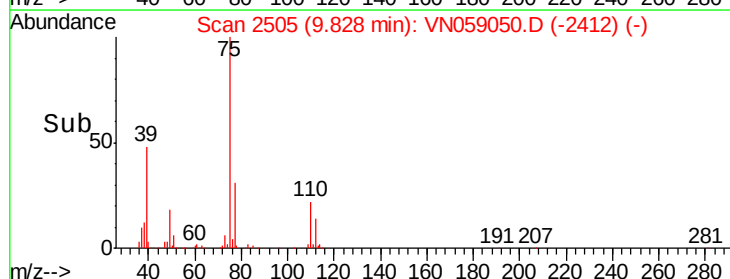
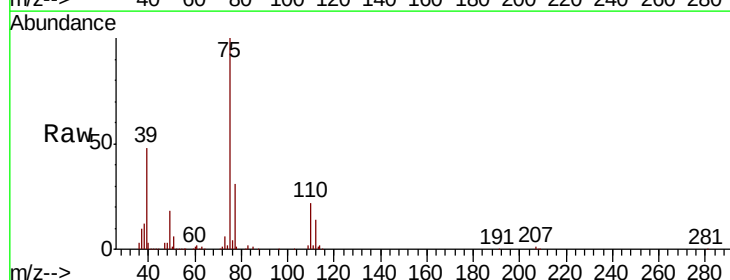
Tgt Ion: 75 Resp: 306158

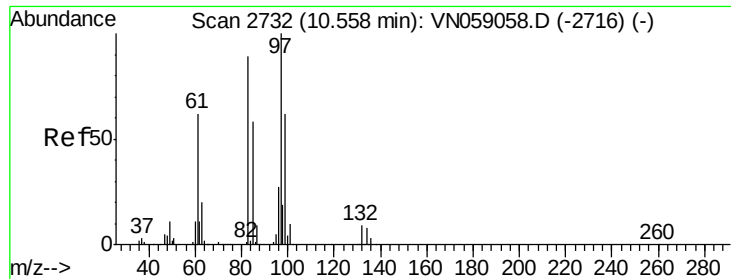
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 48.1 37.4 56.2

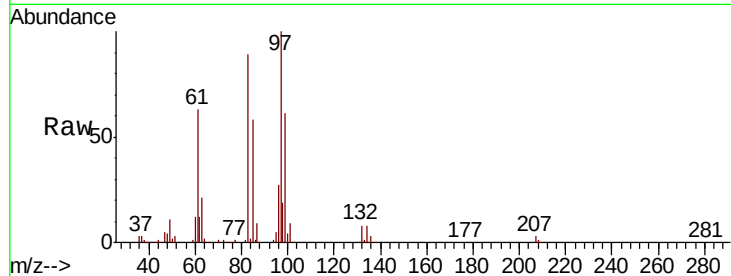




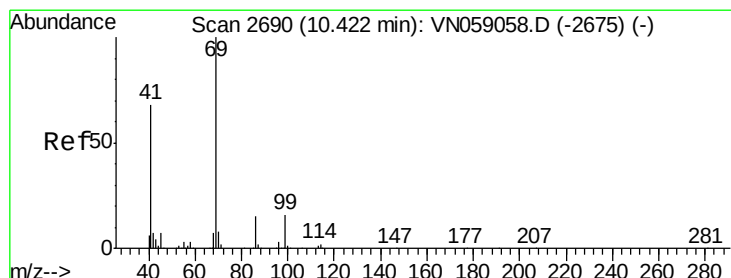
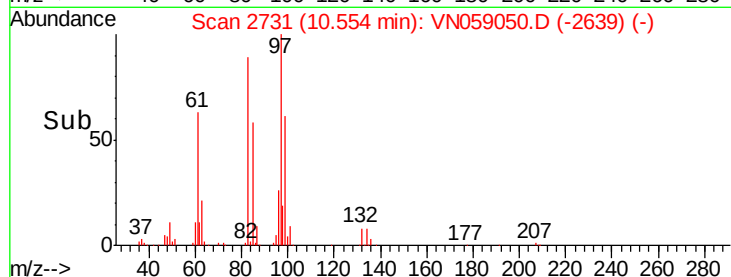
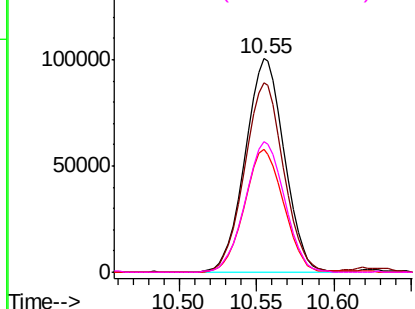
#55
 1,1,2-Trichloroethane
 Concen: 44.387 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 177562
 Ion Ratio Lower Upper
 97 100
 83 88.7 71.4 107.2
 85 57.6 46.6 70.0
 99 61.0 49.7 74.5

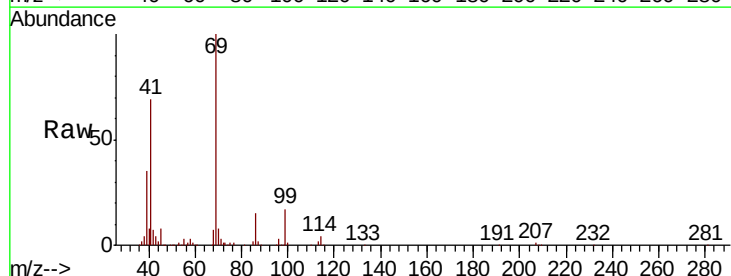


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

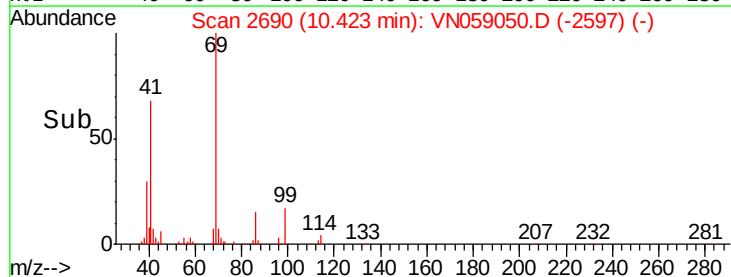
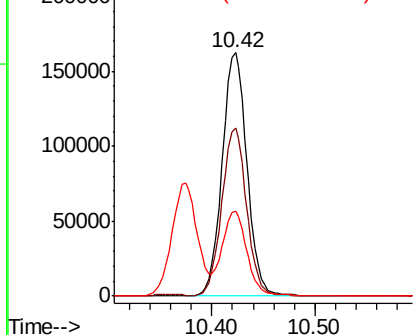


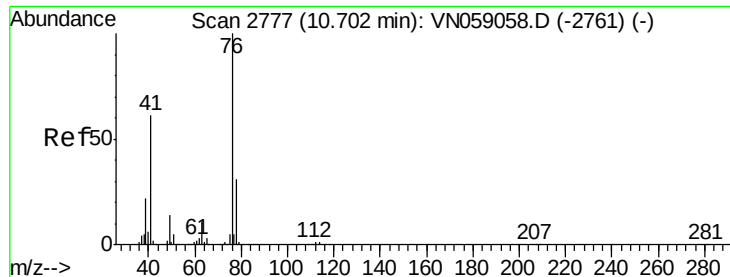
#56
 Ethyl methacrylate
 Concen: 46.171 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion: 69 Resp: 272692
 Ion Ratio Lower Upper
 69 100
 41 68.1 53.8 80.8
 39 34.1 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: 44.064 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

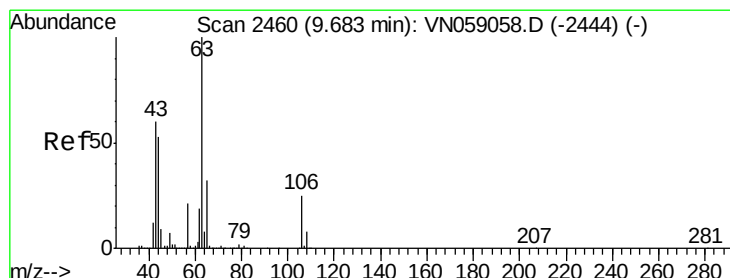
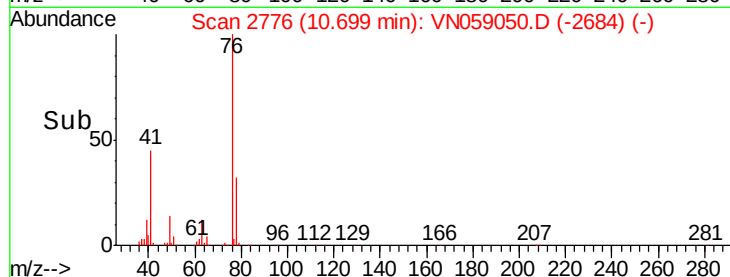
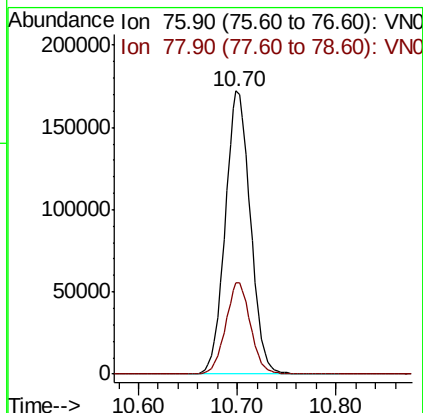
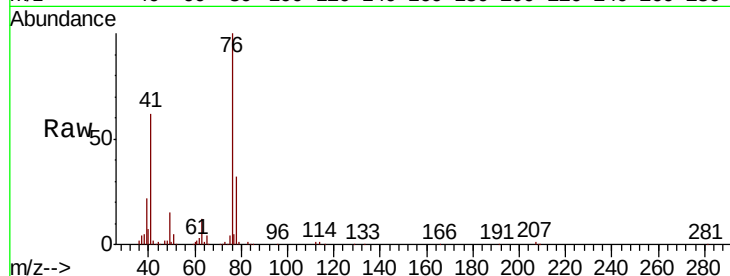
ClientSampleId :

Tot Ion: 76 Resp: 308123

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 53.833 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059050.D

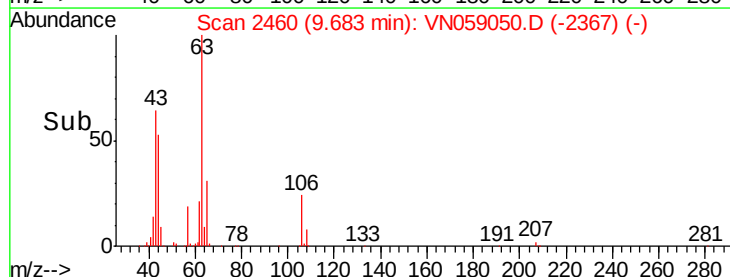
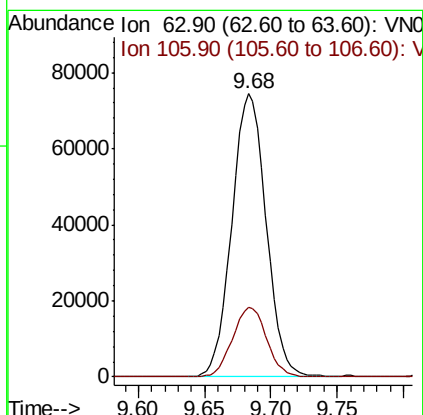
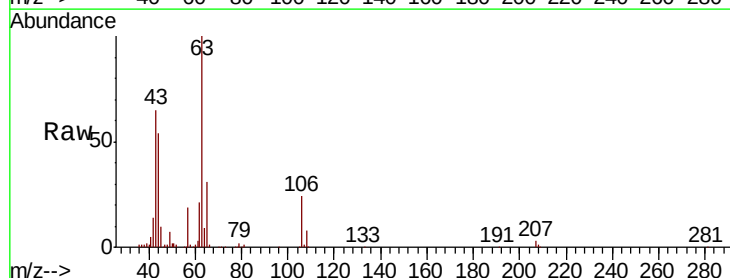
Acq: 1 Nov 2019 9:19

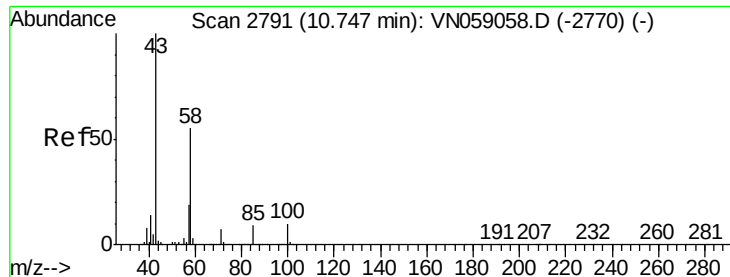
Tgt Ion: 63 Resp: 133694

Ion Ratio Lower Upper

63 100

106 24.3 19.8 29.6

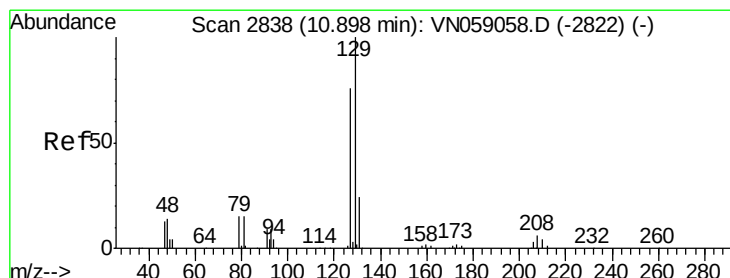
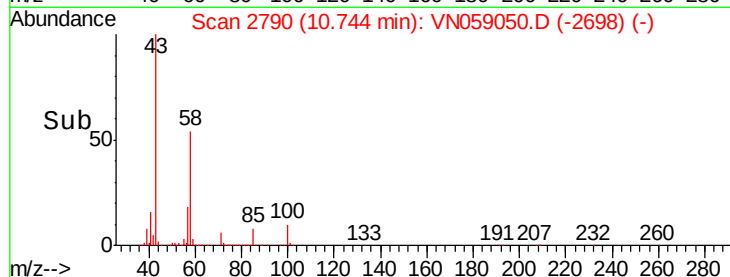
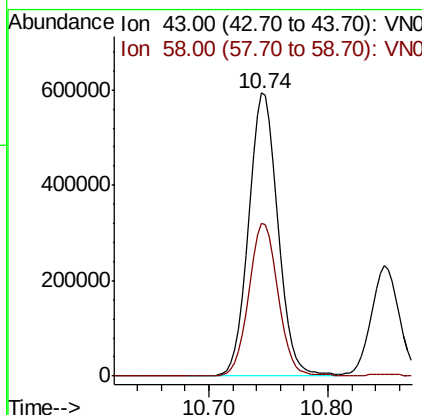
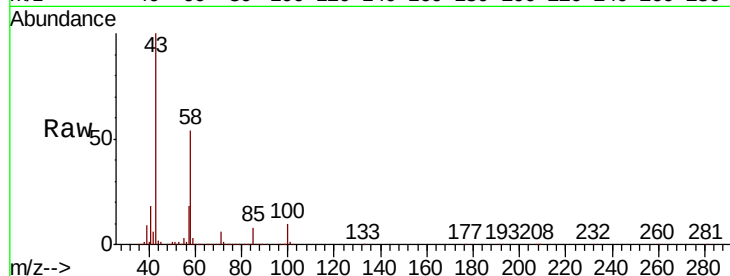




#59
2-Hexanone
Concen: 231.342 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

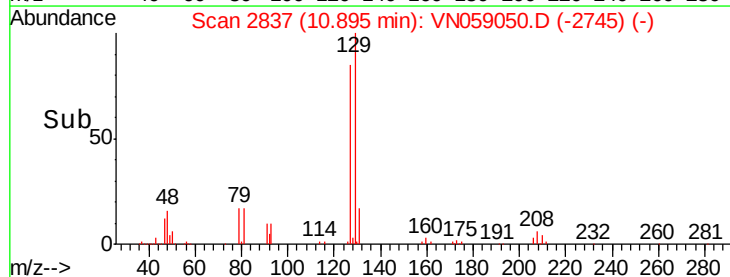
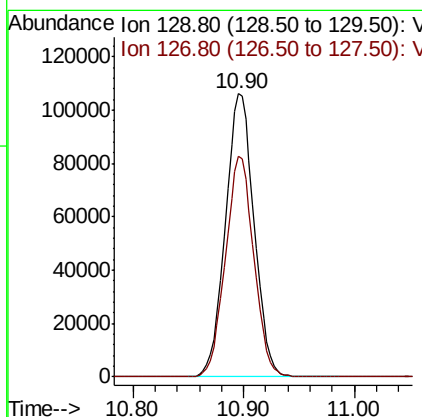
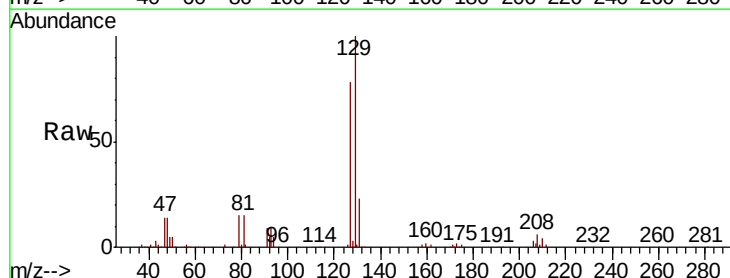
Instrument :
MSVOA_N
ClientSampleId :

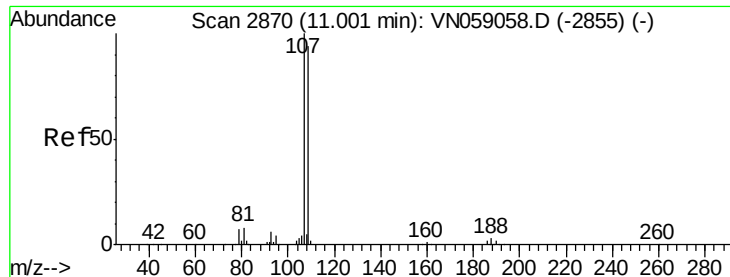
Tot Ion: 43 Resp: 1011054
Ion Ratio Lower Upper
43 100
58 54.1 27.4 82.2



#60
Dibromochloromethane
Concen: 44.424 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 129 Resp: 191035
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8

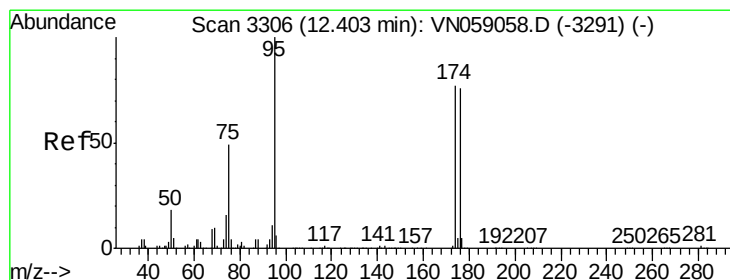
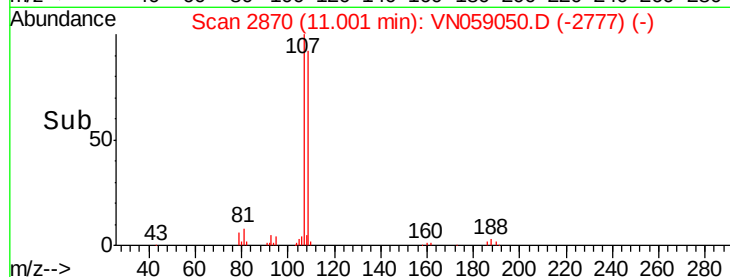
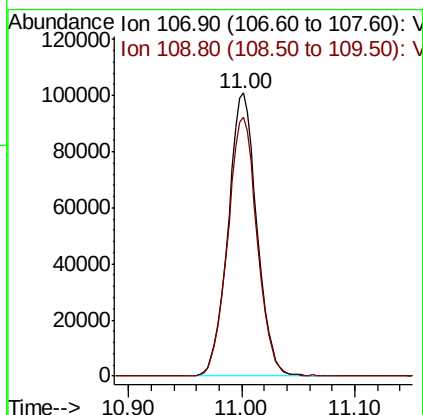
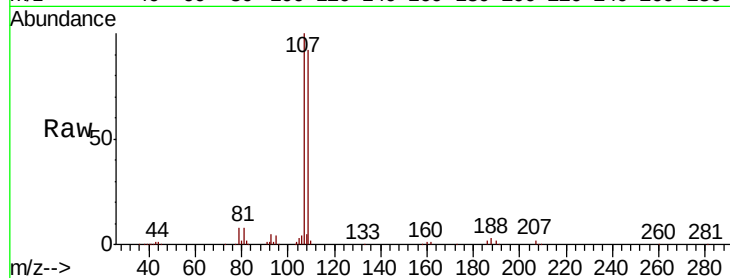




#61
 1,2-Dibromoethane
 Concen: 43.651 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

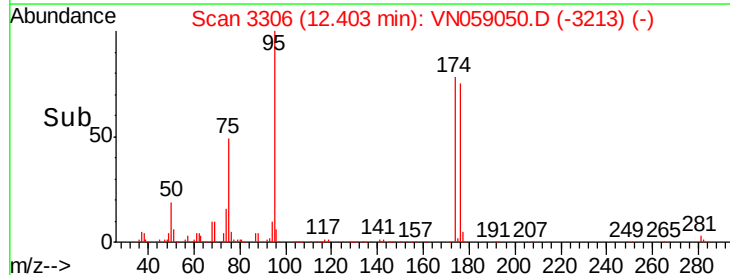
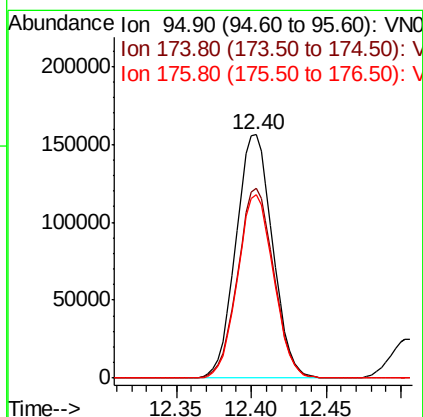
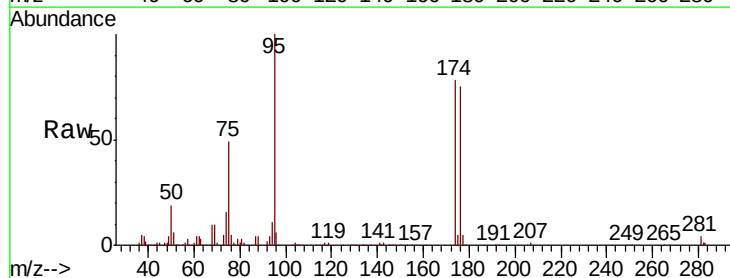
Instrument :
 MSVOA_N
 ClientSampled :

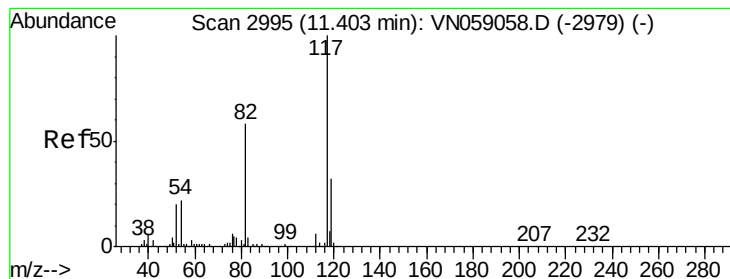
Tot Ion: 107 Resp: 178329
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.639 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion: 95 Resp: 266730
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 155.8
 176 74.2 0.0 151.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

ClientSampled :

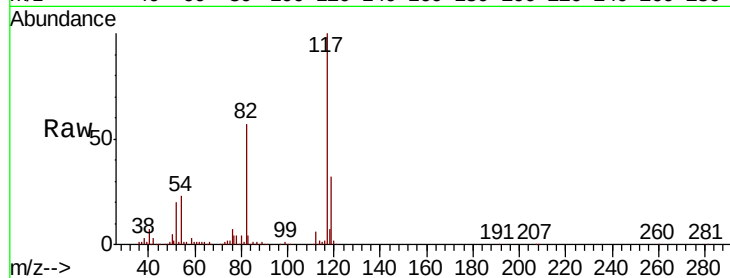
Tot Ion:117 Resp: 507892

Ion Ratio Lower Upper

117 100

82 57.4 46.0 69.0

119 31.7 25.6 38.4

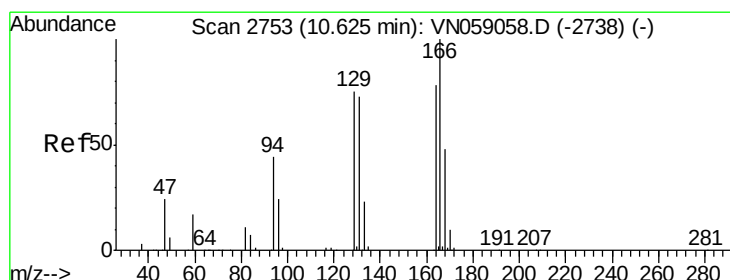
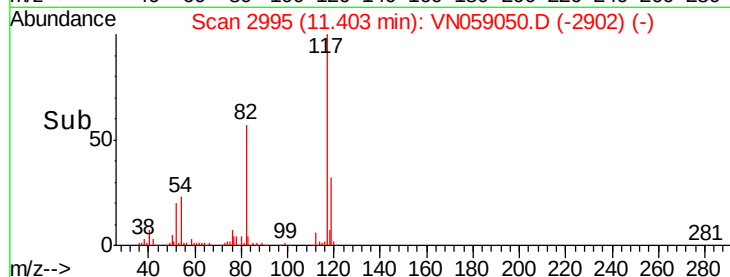
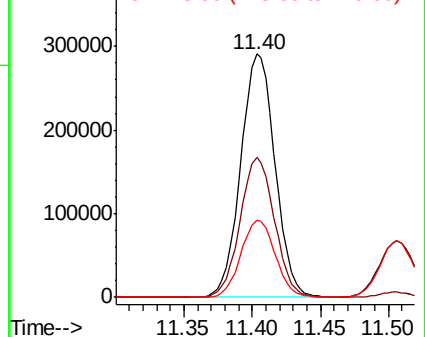


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 42.599 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Tgt Ion:164 Resp: 149839

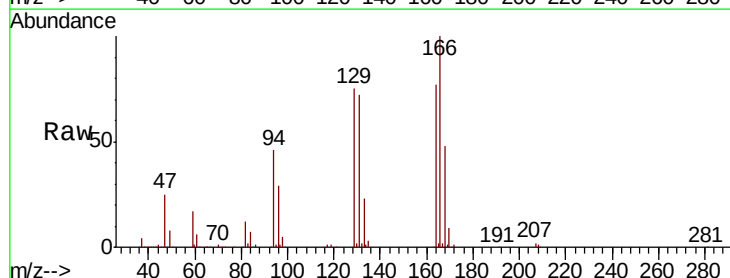
Ion Ratio Lower Upper

164 100

166 130.3 102.7 154.1

129 97.9 77.3 115.9

131 93.3 74.8 112.2



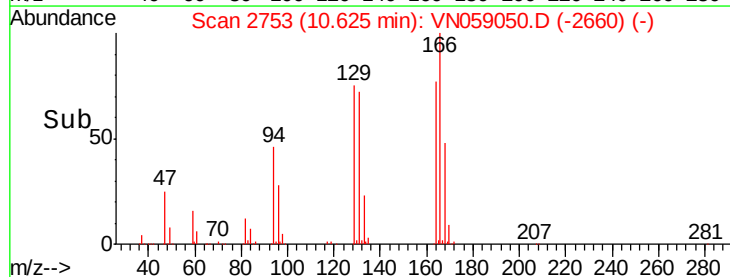
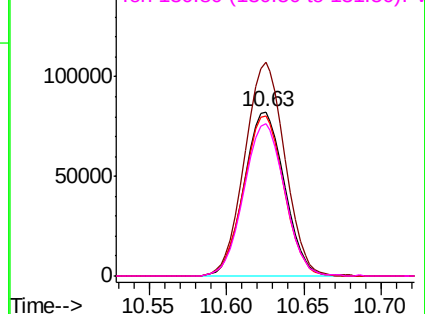
Abundance

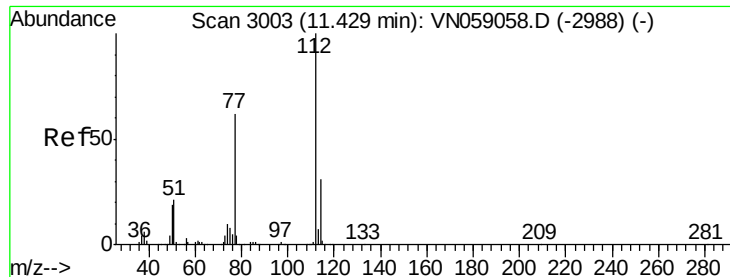
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

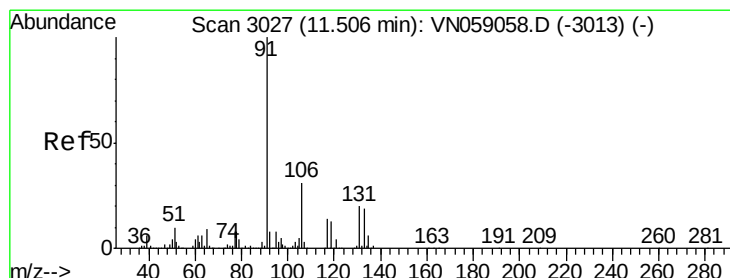
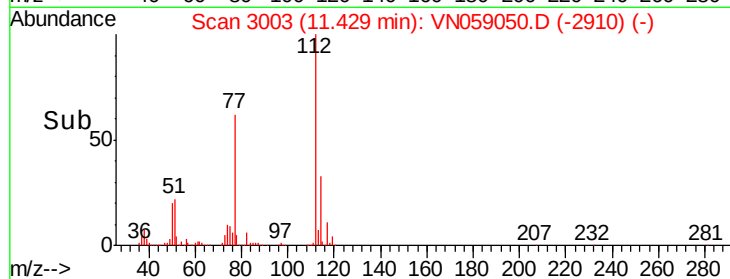
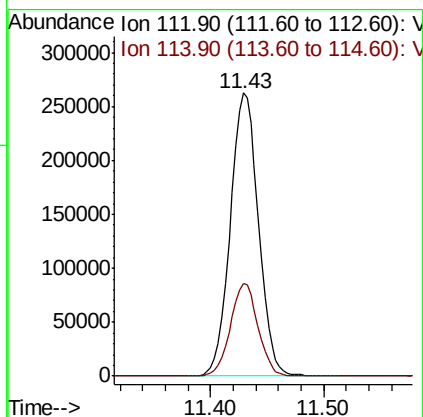
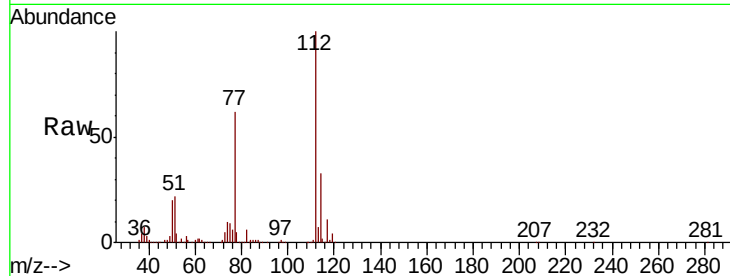




#65
Chlorobenzene
Concen: 44.344 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

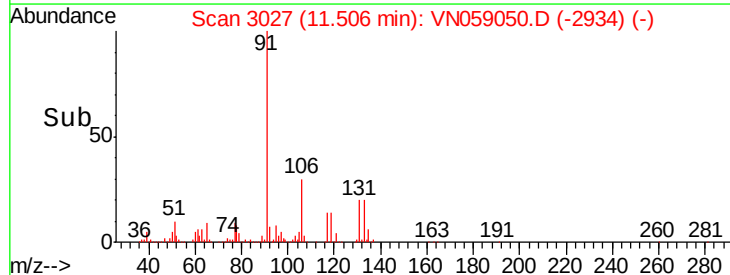
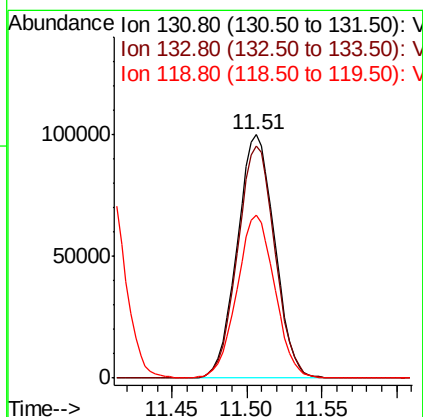
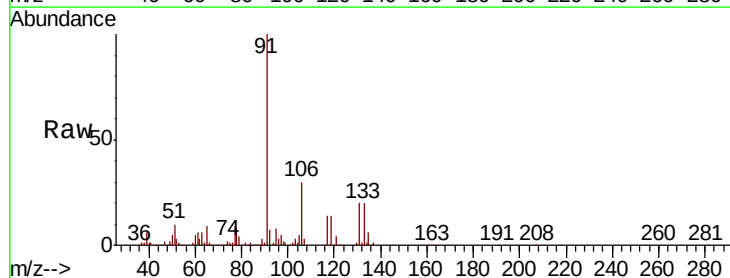
Instrument :
MSVOA_N
ClientSampled :

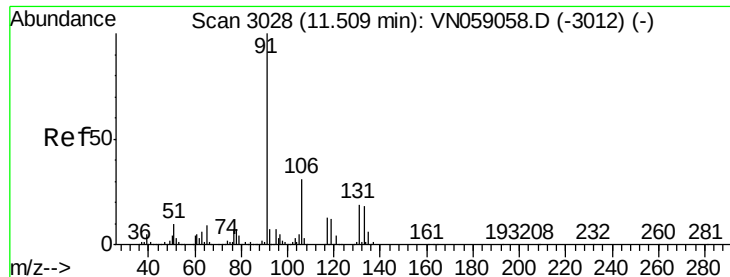
Tot Ion:112 Resp: 454006
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.328 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion:131 Resp: 174810
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 67.3 33.5 100.5

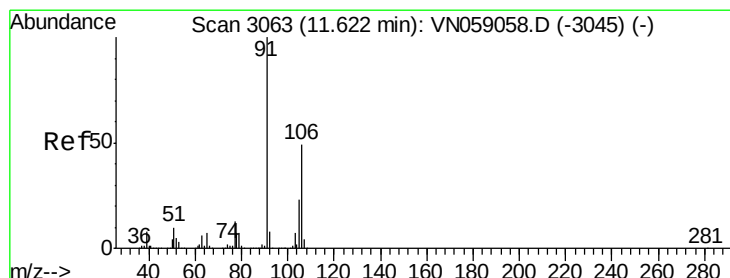
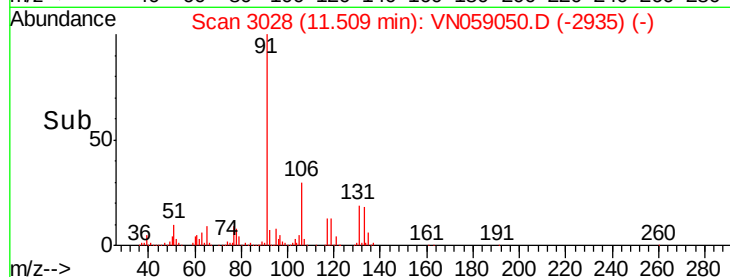
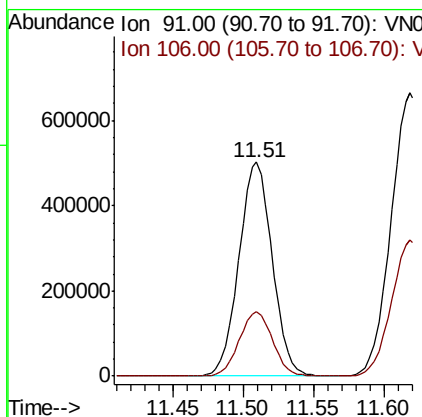
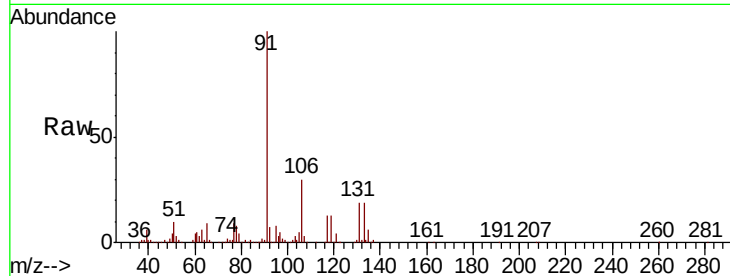




#67
Ethyl Benzene
Concen: 46.441 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

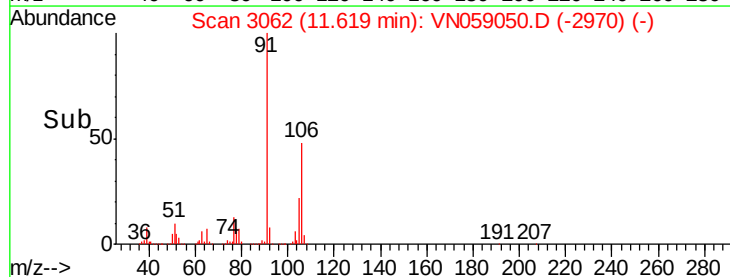
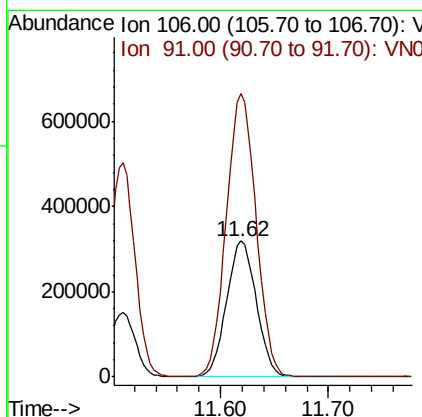
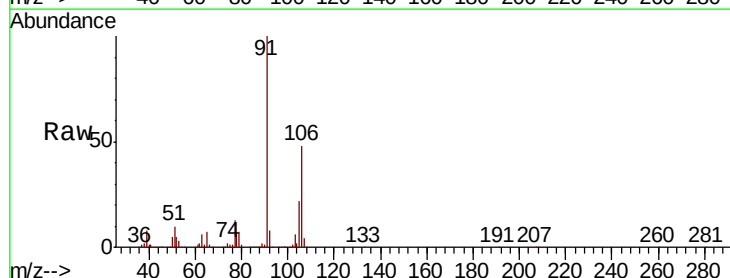
Instrument :
MSVOA_N
ClientSampled :

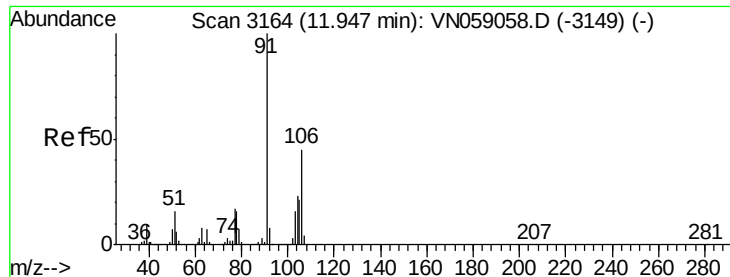
Tot Ion: 91 Resp: 831952
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



#68
m/p-Xylenes
Concen: 92.311 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 106 Resp: 612419
Ion Ratio Lower Upper
106 100
91 208.6 165.7 248.5

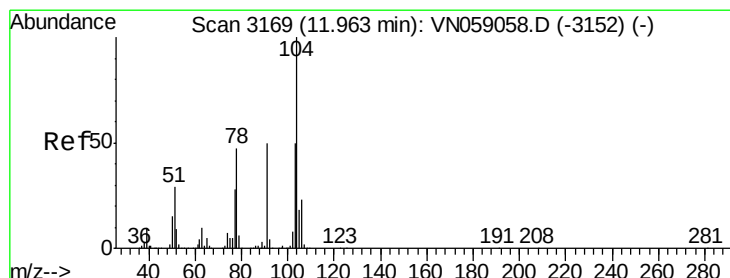
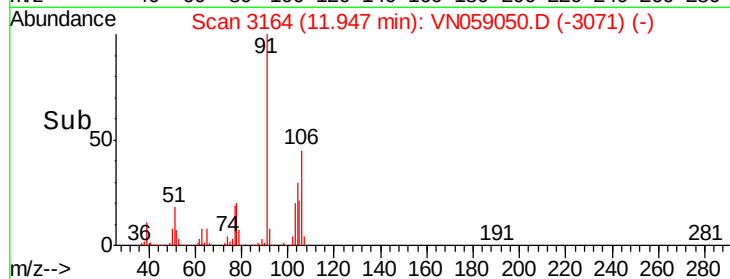
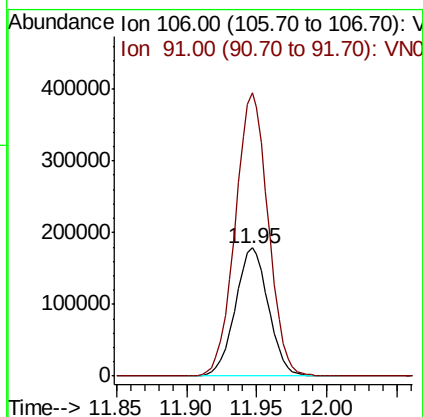
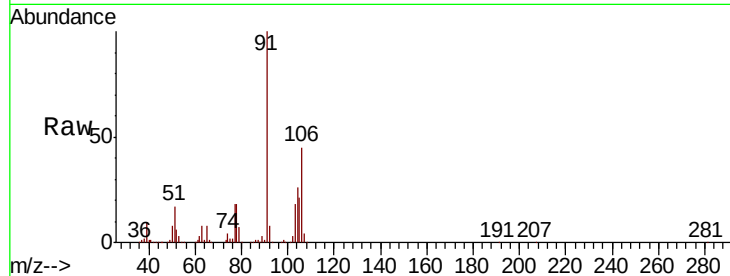




#69
o-Xylene
Concen: 46.318 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

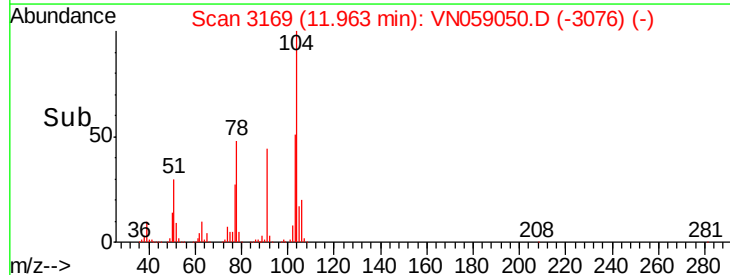
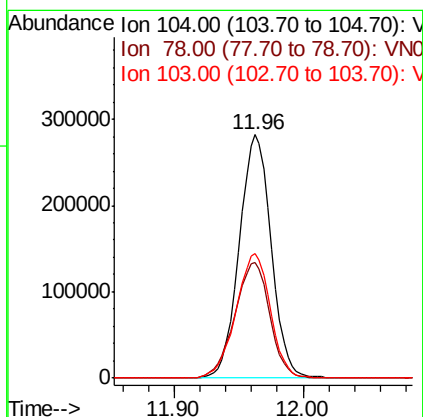
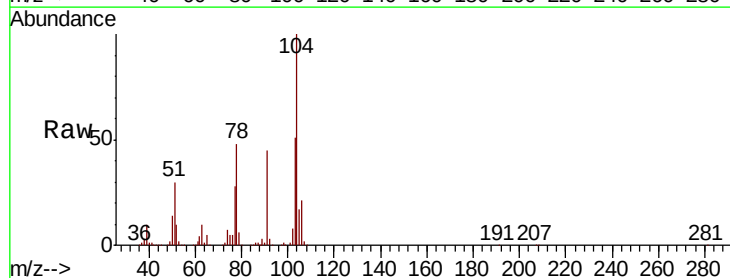
Instrument :
MSVOA_N
ClientSampled :

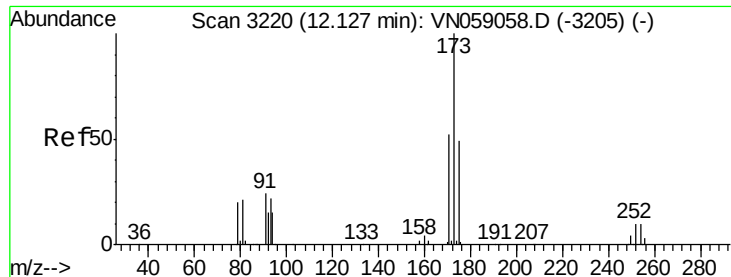
Tot Ion:106 Resp: 293861
Ion Ratio Lower Upper
106 100
91 219.7 110.4 331.2



#70
Styrene
Concen: 46.963 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion:104 Resp: 485887
Ion Ratio Lower Upper
104 100
78 52.3 41.2 61.8
103 55.4 43.9 65.9

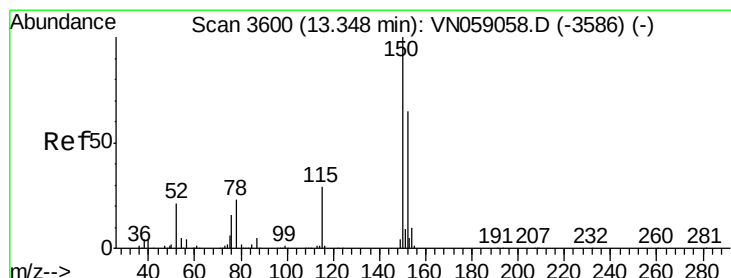
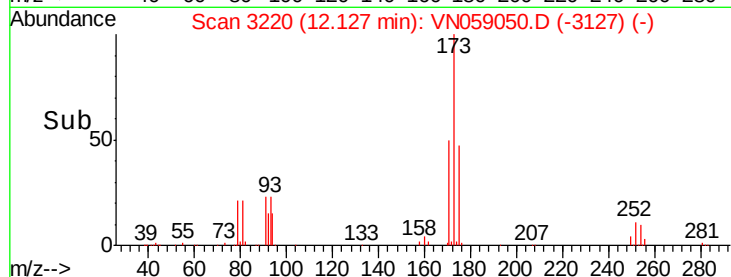
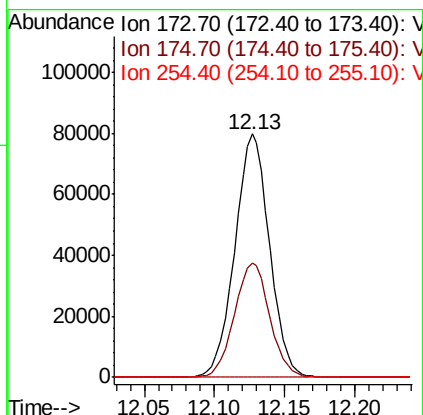
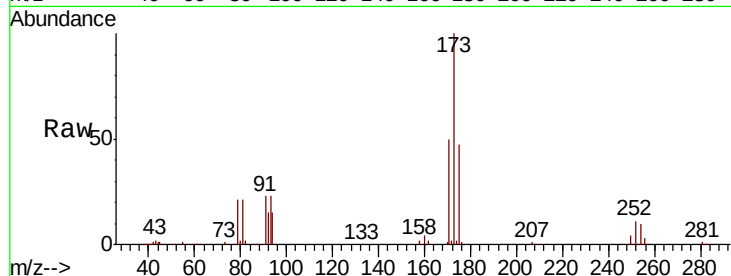




#71
Bromoform
Concen: 45.590 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

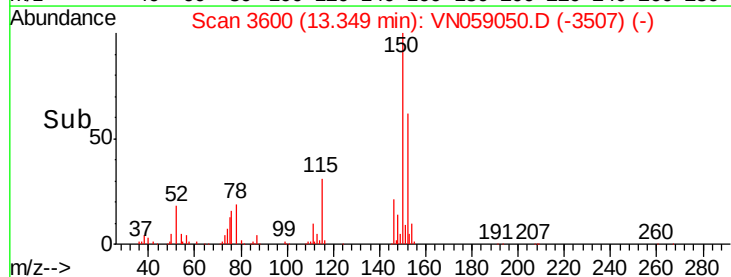
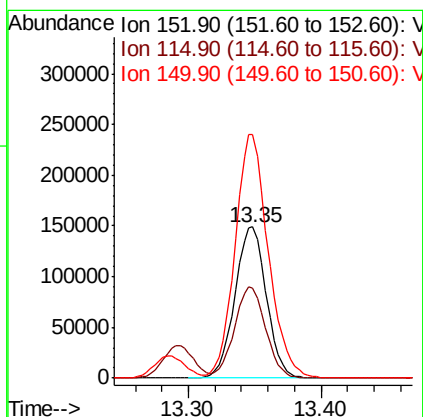
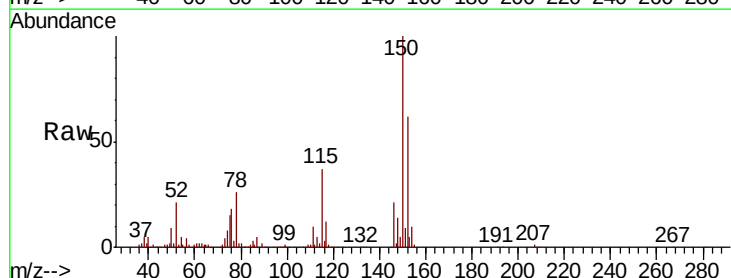
Instrument :
MSVOA_N
ClientSampled :

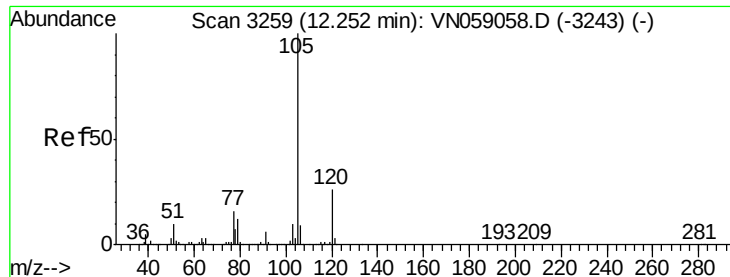
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.2
254	0.1	0.1	0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.6	88.9
150	170.0	0.0	345.8





#73

Isopropylbenzene

Concen: 45.079 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

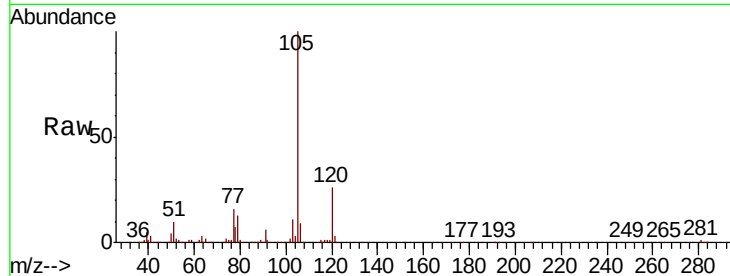
ClientSampled :

Tot Ion:105 Resp: 799852

Ion Ratio Lower Upper

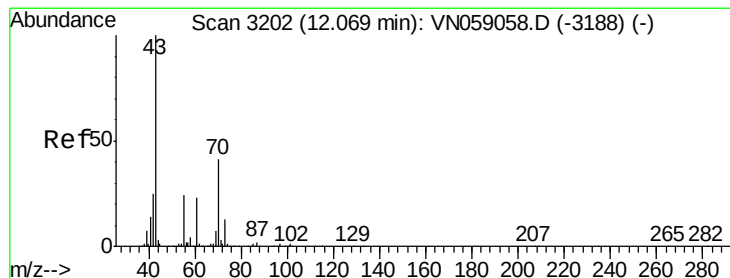
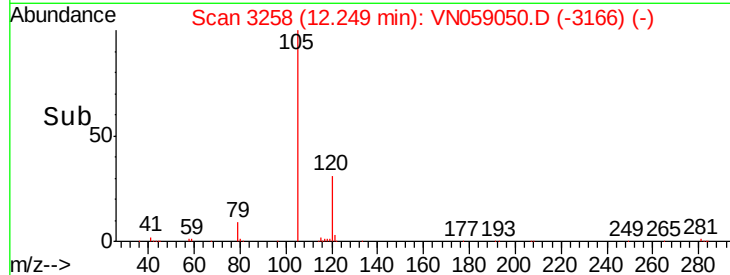
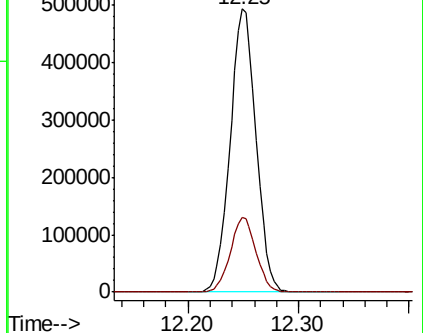
105 100

120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.151 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Tgt Ion: 43 Resp: 352890

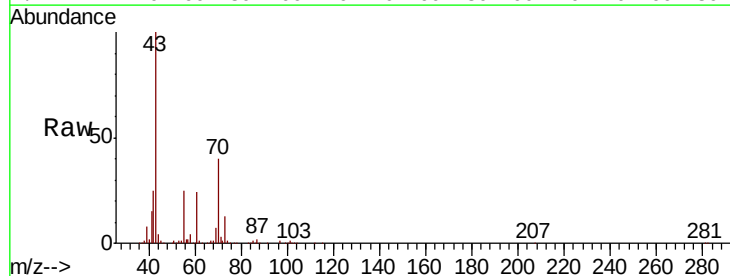
Ion Ratio Lower Upper

43 100

70 40.7 32.6 49.0

55 26.0 19.7 29.5

61 23.8 19.0 28.6

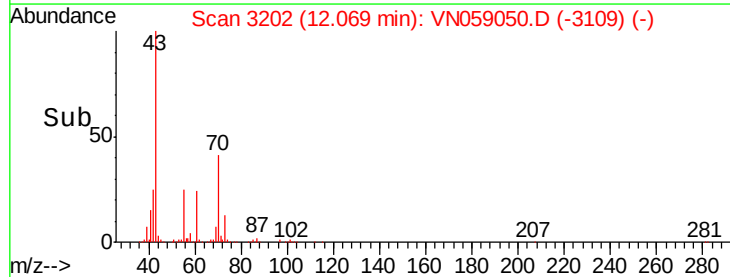
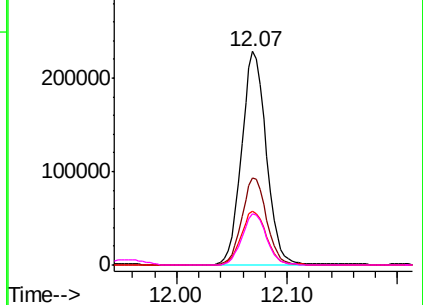


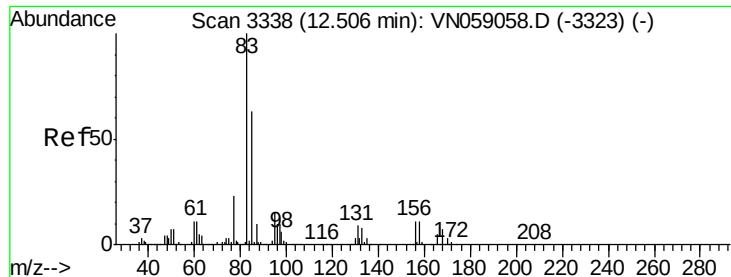
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.161 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

ClientSampleId :

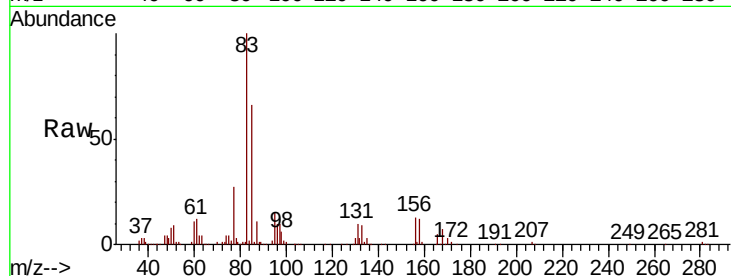
Tot Ion: 83 Resp: 269211

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 65.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN059050.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059050.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059050.D (-3245) (-)

200000

150000

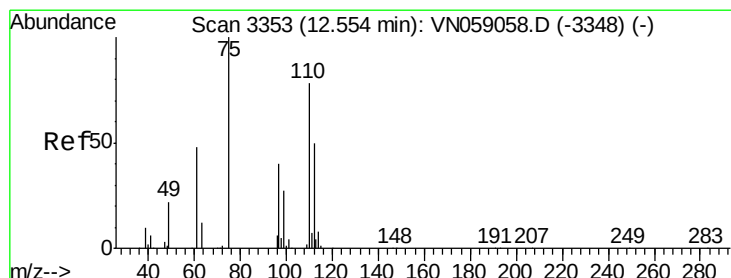
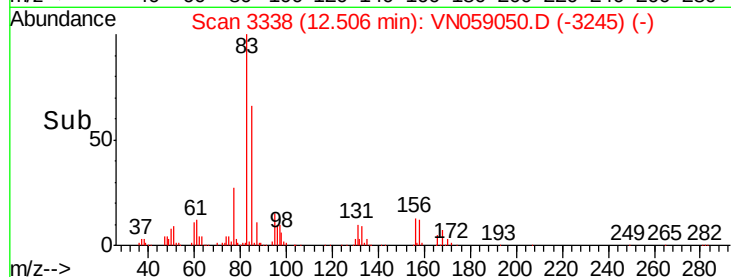
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 62.999 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059050.D

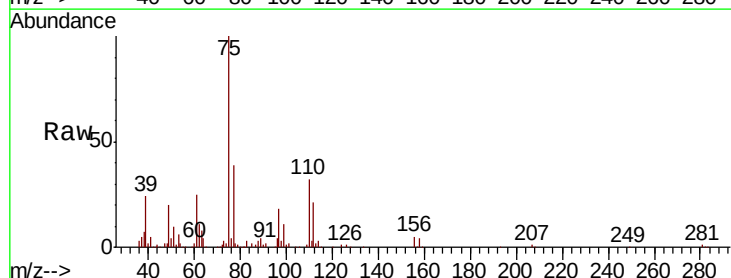
Acq: 1 Nov 2019 9:19

Tgt Ion: 75 Resp: 357805

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059050.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059050.D (-3260) (-)

250000

200000

150000

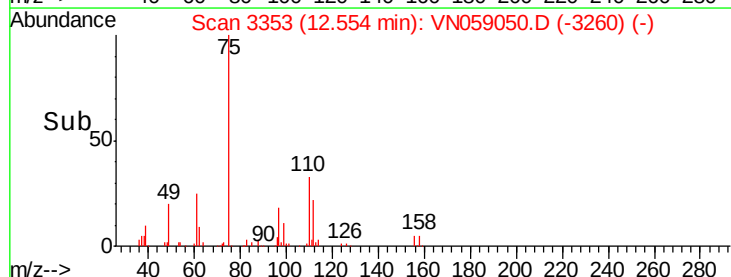
100000

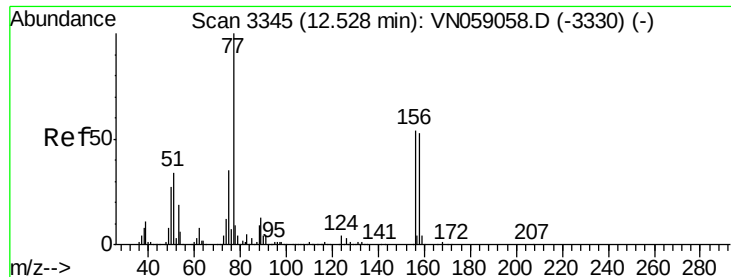
50000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 43.958 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

ClientSampleId :

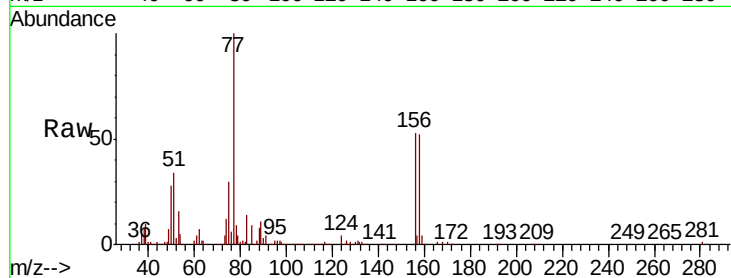
Tot Ion:156 Resp: 192532

Ion Ratio Lower Upper

156 100

77 229.3 114.2 342.6

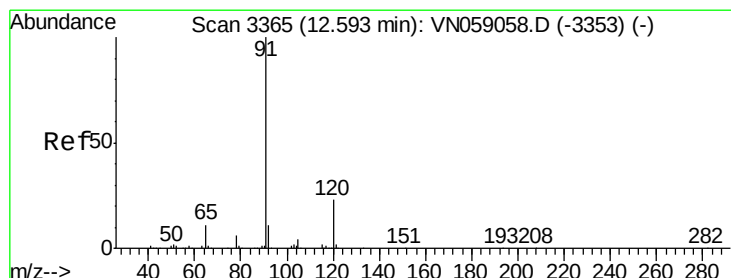
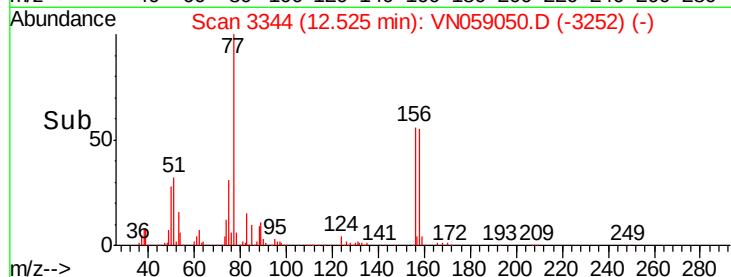
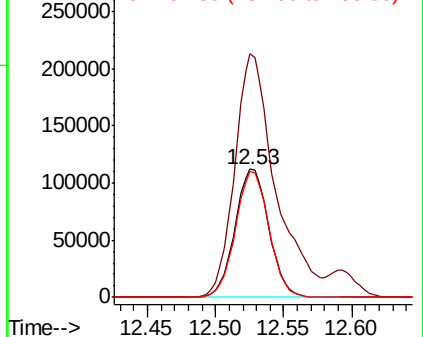
158 97.4 49.6 149.0



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



#78

n-propylbenzene

Concen: 45.055 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059050.D

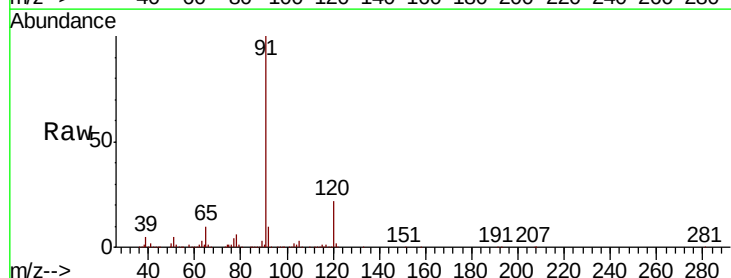
Acq: 1 Nov 2019 9:19

Tgt Ion: 91 Resp: 943842

Ion Ratio Lower Upper

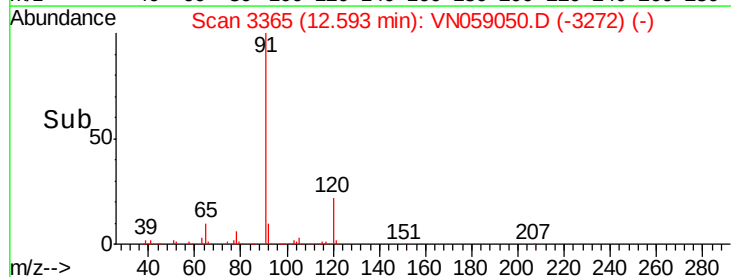
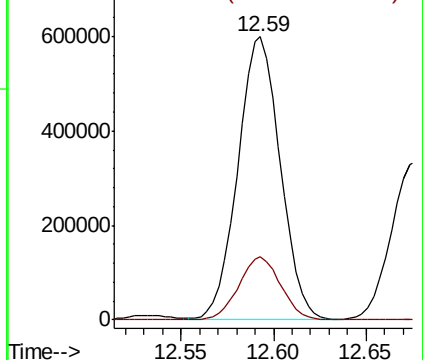
91 100

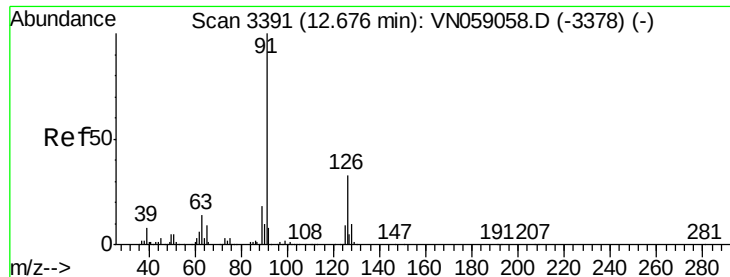
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.374 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

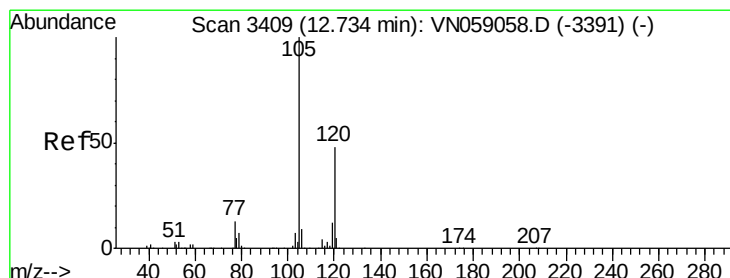
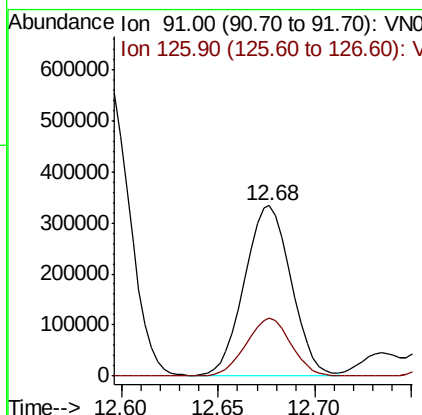
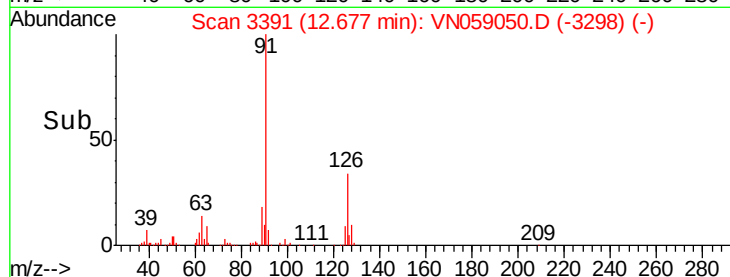
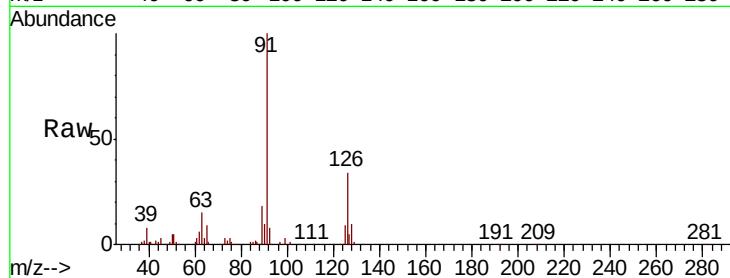
ClientSampled :

Tot Ion: 91 Resp: 556929

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 45.861 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059050.D

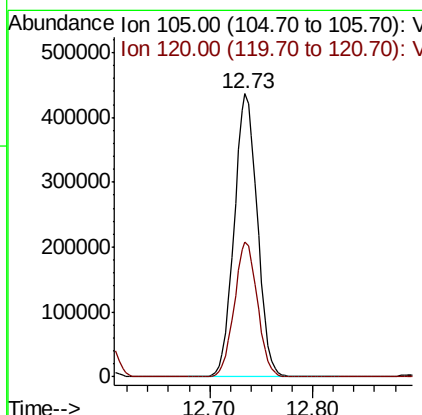
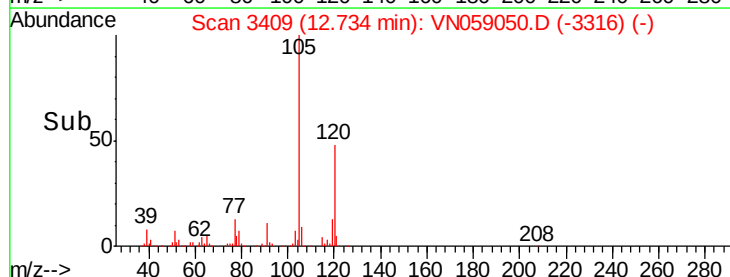
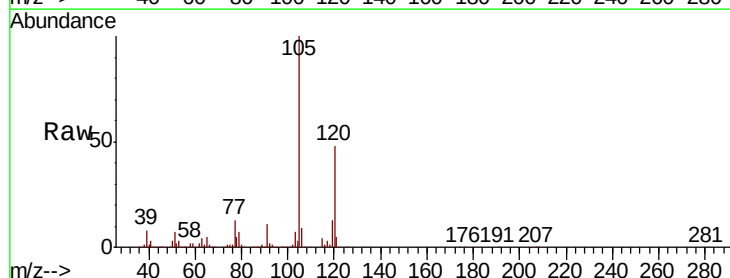
Acq: 1 Nov 2019 9:19

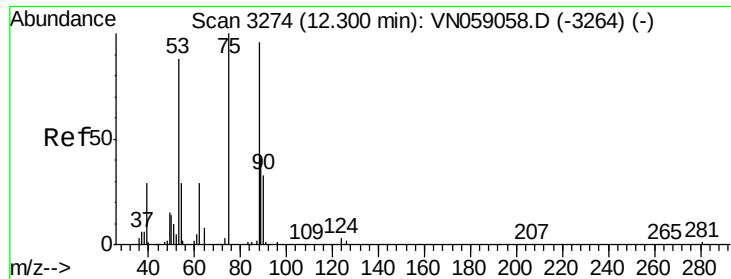
Tgt Ion: 105 Resp: 681380

Ion Ratio Lower Upper

105 100

120 47.9 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 43.505 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

ClientSampled :

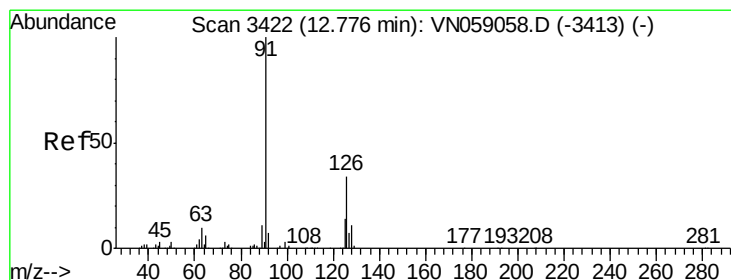
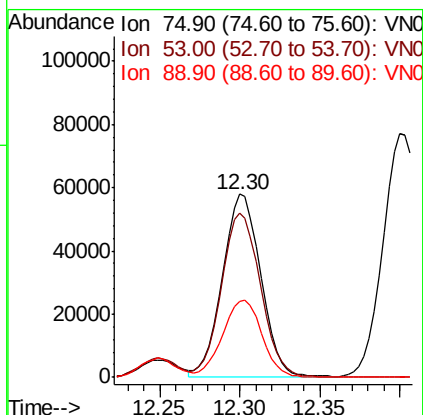
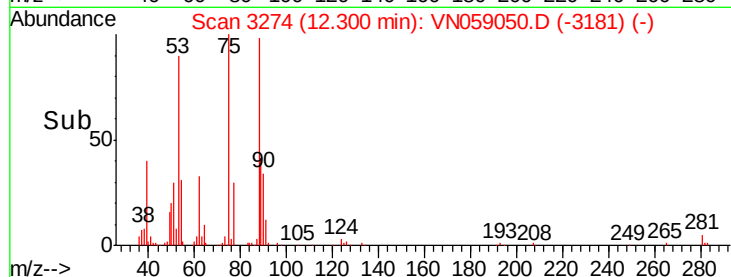
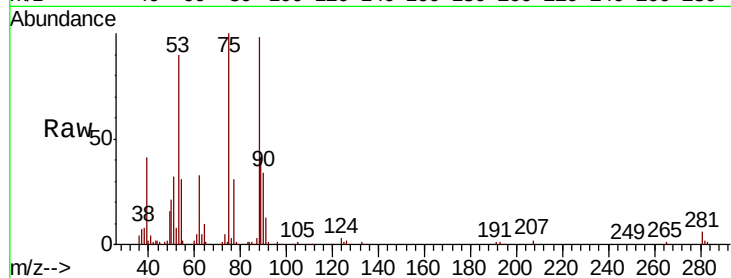
Tot Ion: 75 Resp: 94660

Ion Ratio Lower Upper

75 100

53 92.2 70.4 105.6

89 43.3 34.2 51.2



#82

4-Chlorotoluene

Concen: 43.674 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059050.D

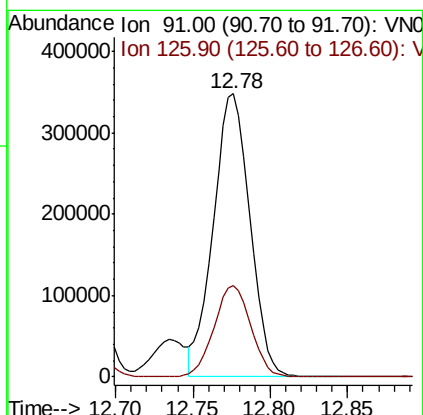
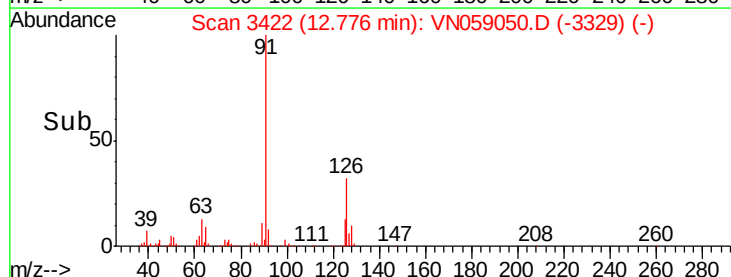
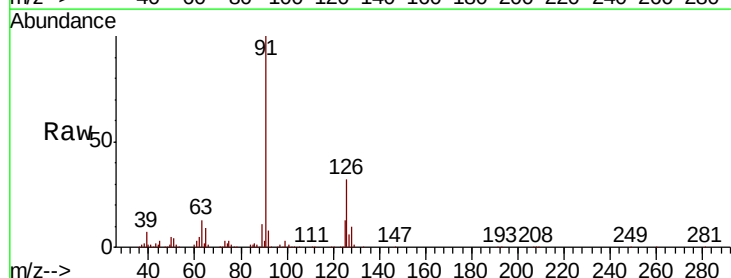
Acq: 1 Nov 2019 9:19

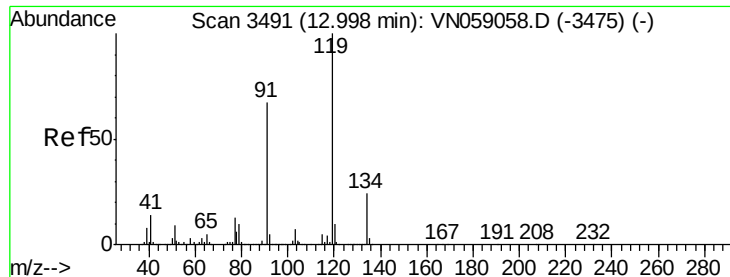
Tgt Ion: 91 Resp: 571418

Ion Ratio Lower Upper

91 100

126 32.3 16.0 47.9

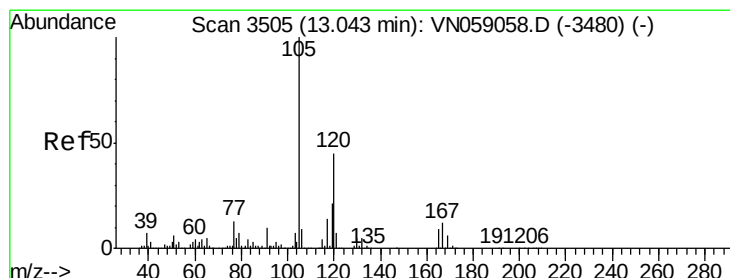
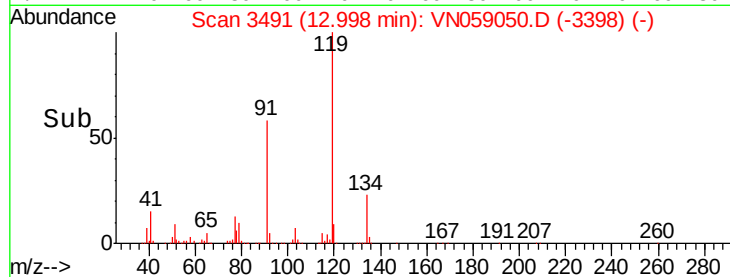
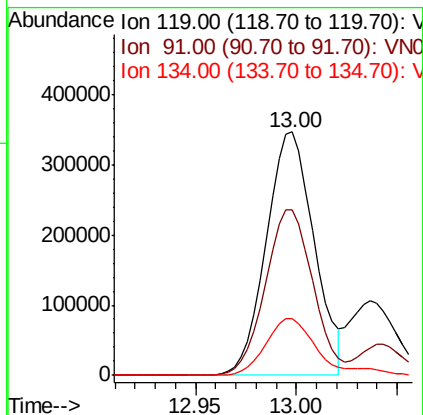
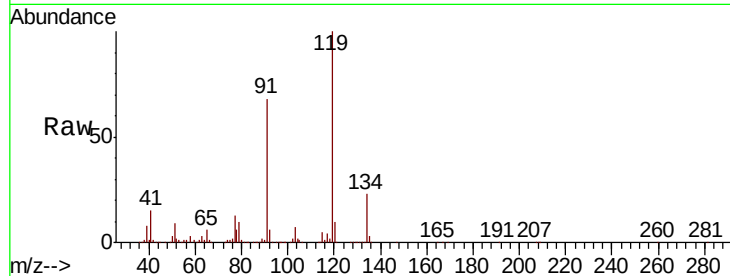




#83
 tert-Butylbenzene
 Concen: 44.828 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

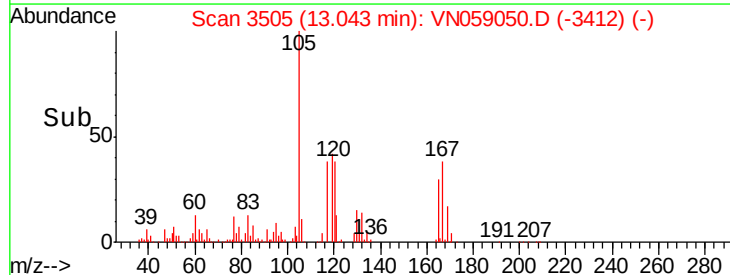
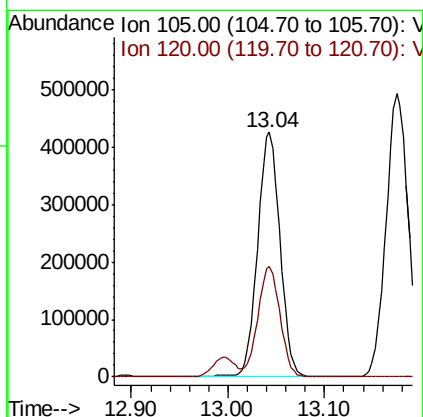
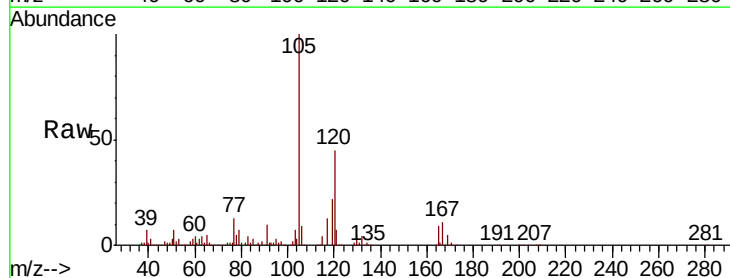
Instrument :
 MSVOA_N
 ClientSampled :

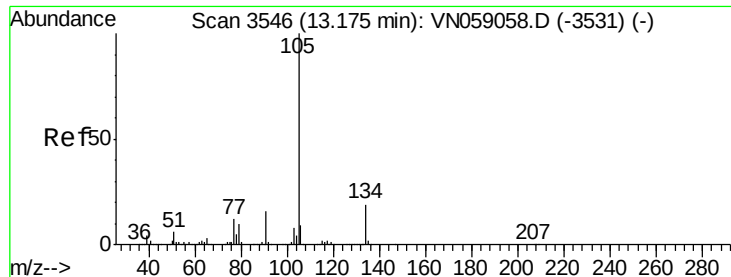
Tot Ion:119 Resp: 570394
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.7 101.0
 134 23.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 46.778 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion:105 Resp: 685067
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 46.286 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

Instrument :

MSVOA_N

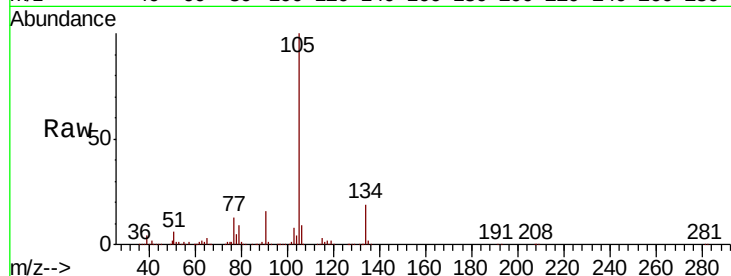
ClientSampled :

Tot Ion:105 Resp: 783432

Ion Ratio Lower Upper

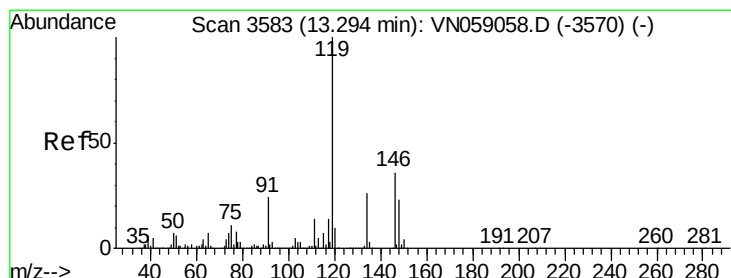
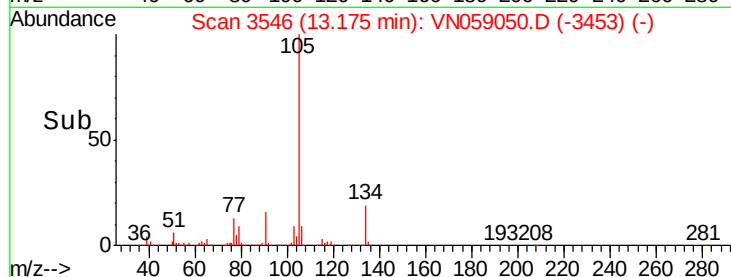
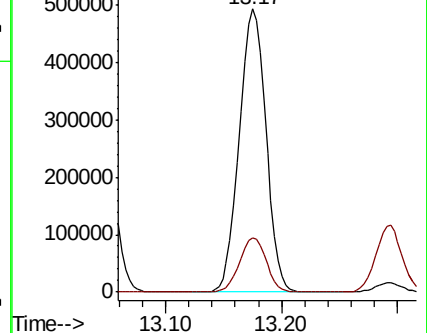
105 100

134 19.1 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.070 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059050.D

Acq: 1 Nov 2019 9:19

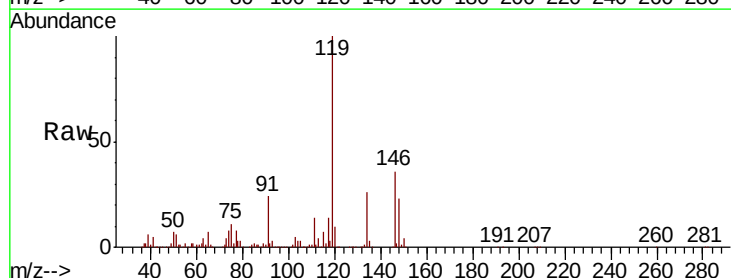
Tgt Ion:119 Resp: 704064

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

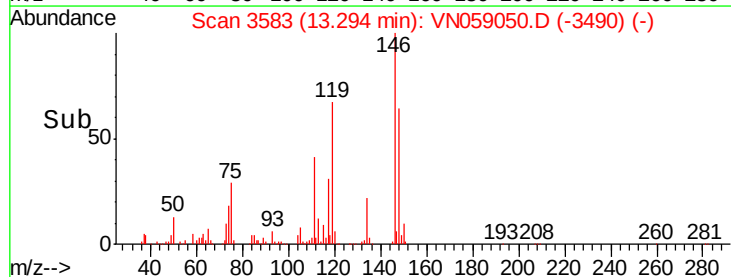
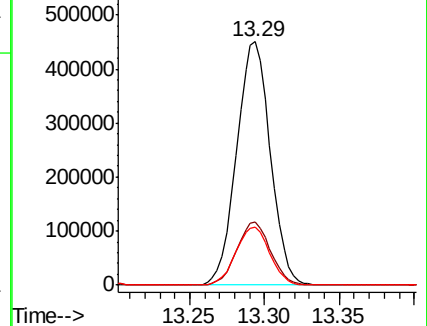
91 23.9 12.0 36.0

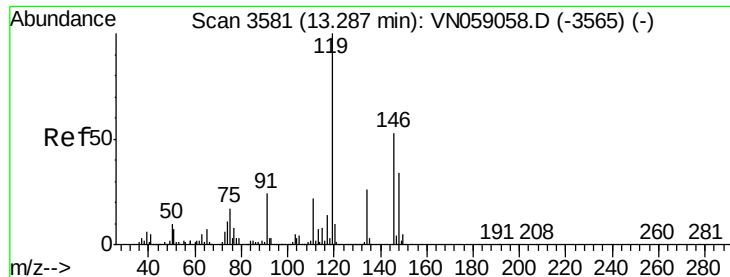


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

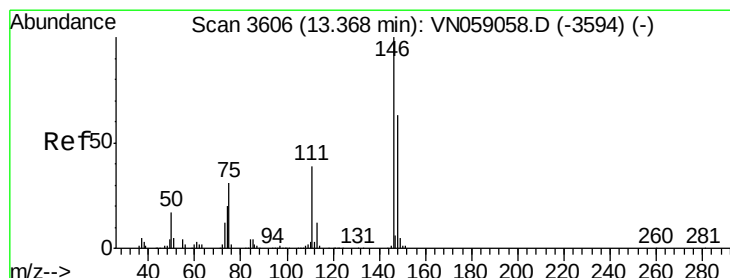
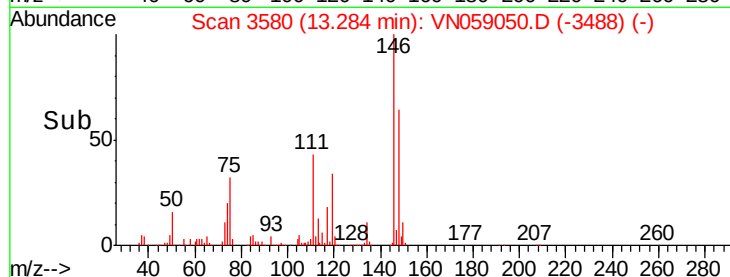
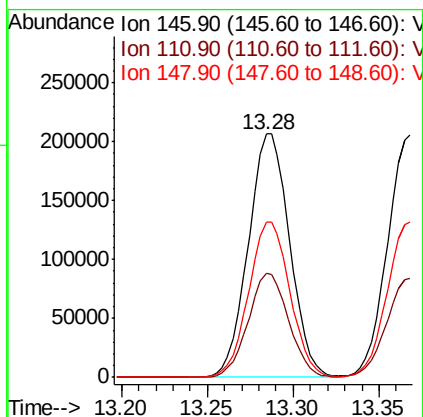
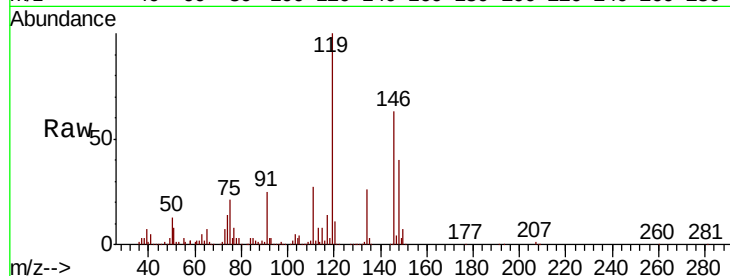




#87
 1,3-Dichlorobenzene
 Concen: 44.037 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

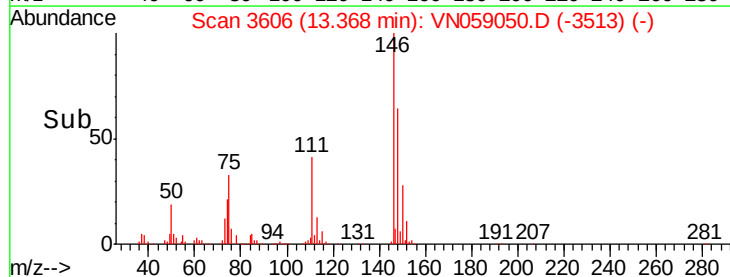
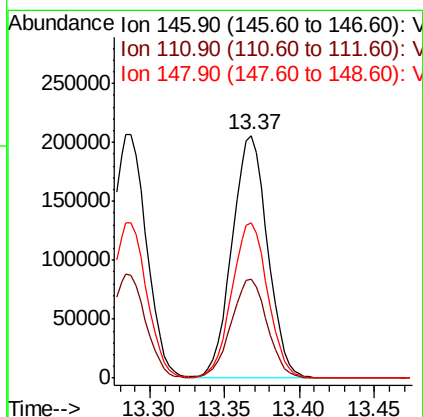
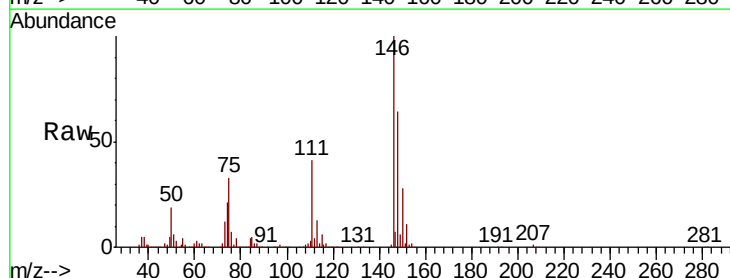
Instrument :
 MSVOA_N
 ClientSampleId :

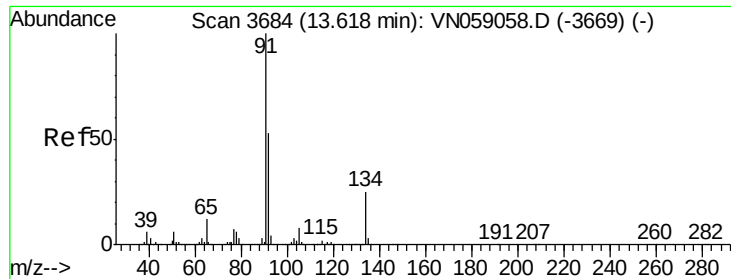
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.5
148	63.7	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 43.545 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	64.8	31.9	95.7

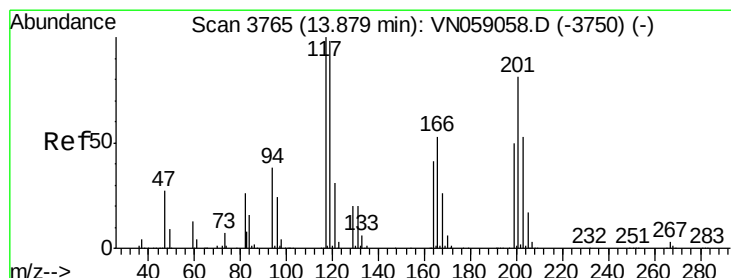
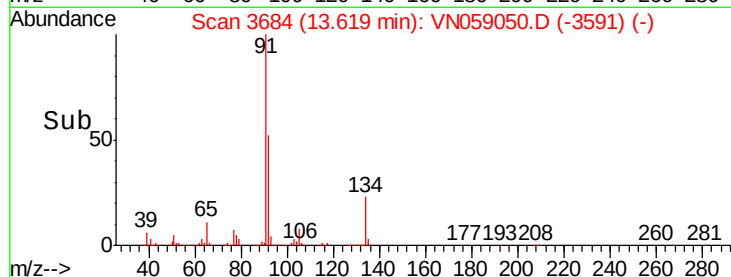
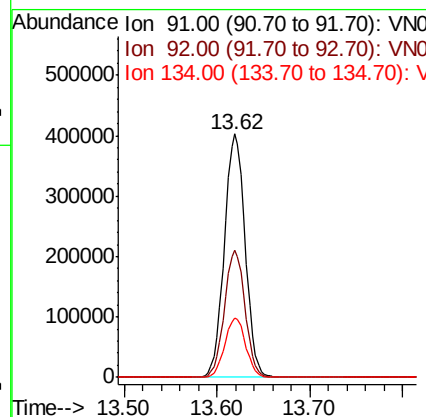
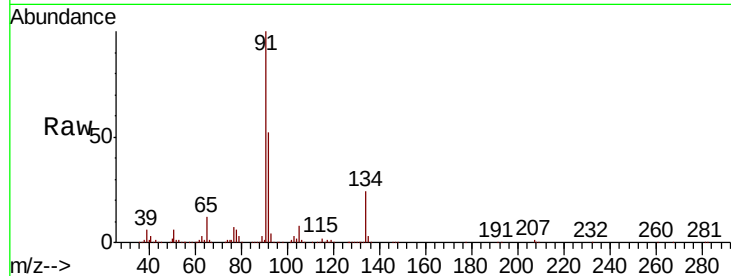




#89
n-Butylbenzene
Concen: 46.033 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

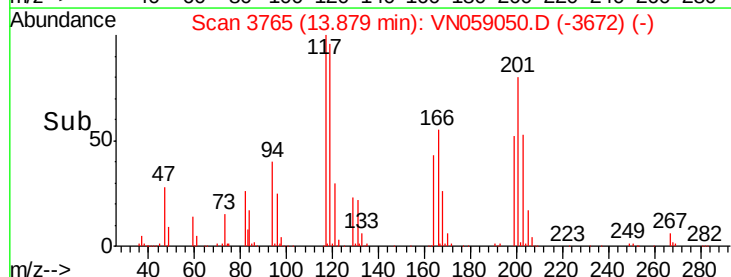
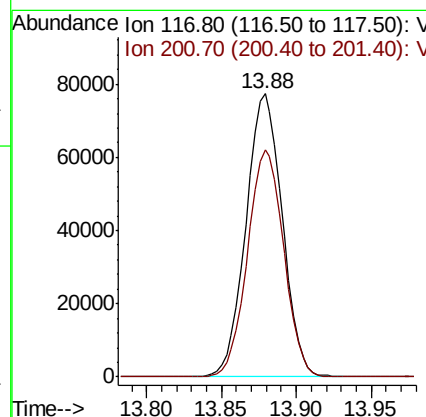
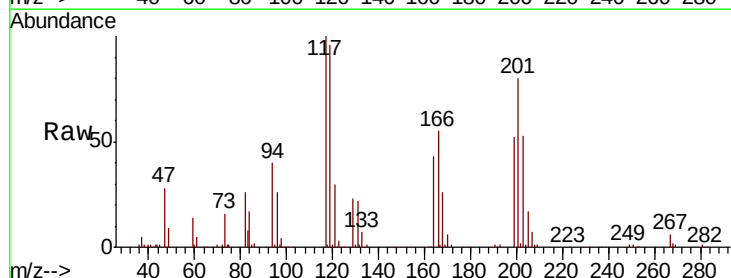
Instrument :
MSVOA_N
ClientSampled :

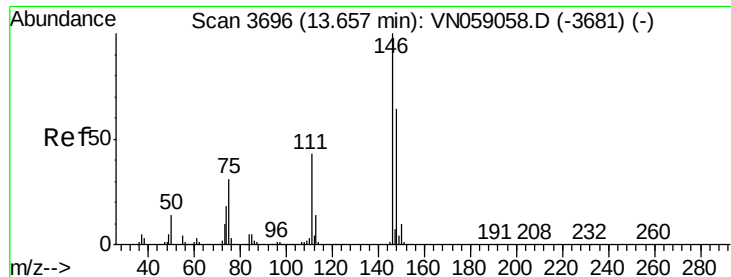
Tot Ion: 91 Resp: 628688
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 24.5 12.5 37.5



#90
Hexachloroethane
Concen: 43.075 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion: 117 Resp: 130776
Ion Ratio Lower Upper
117 100
201 79.9 40.7 122.1

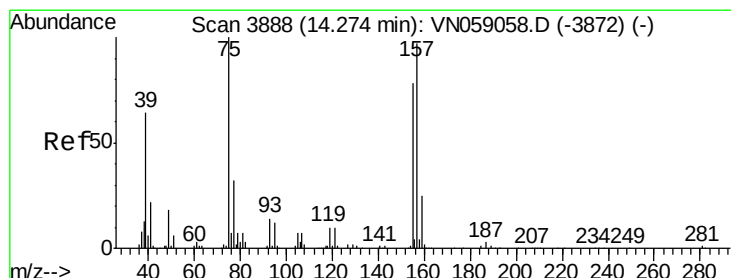
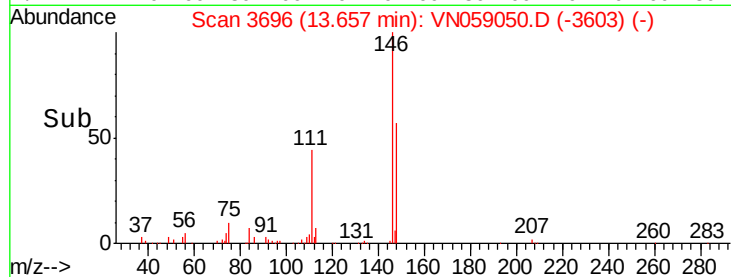
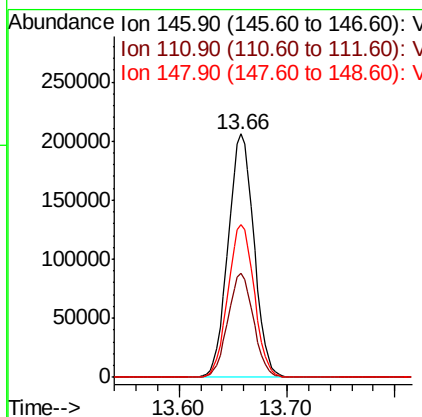
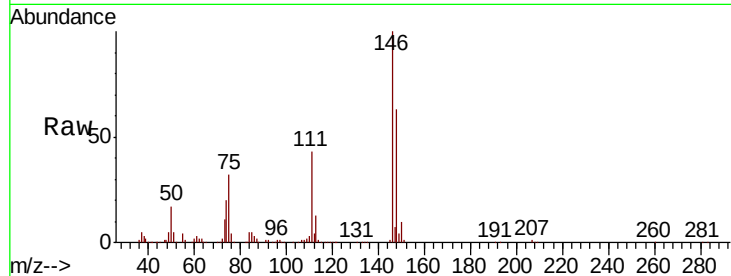




#91
 1,2-Dichlorobenzene
 Concen: 45.084 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

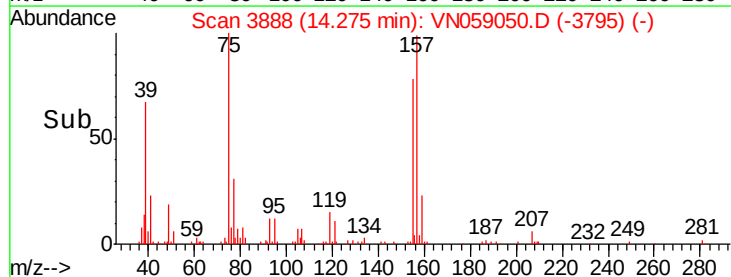
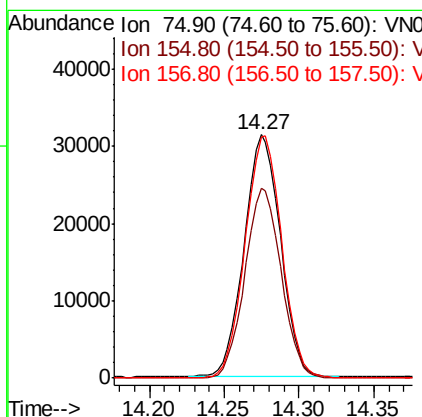
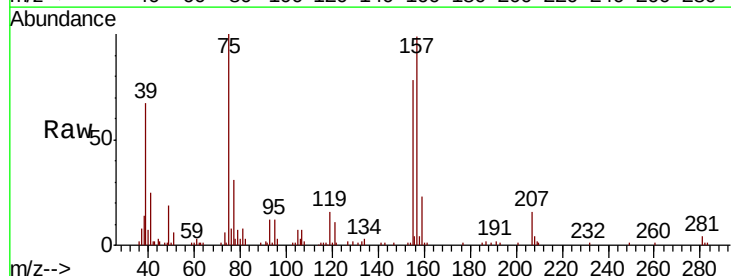
Instrument :
 MSVOA_N
 ClientSampled :

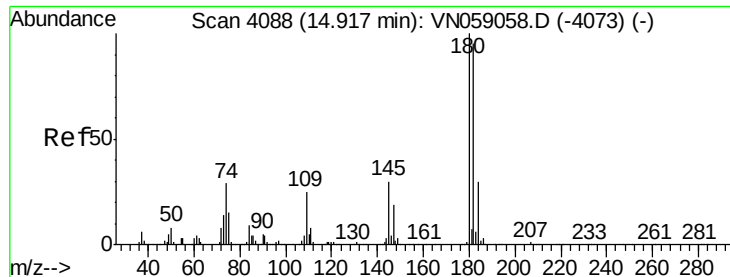
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.2	63.6
148	63.6	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.813 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	39.7	119.1
157	101.4	51.0	153.0

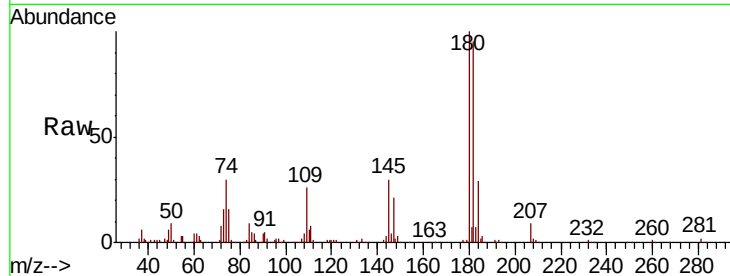




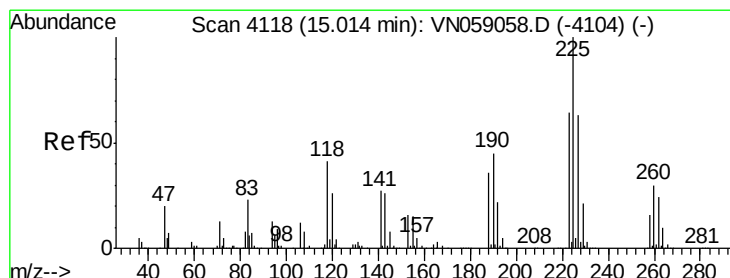
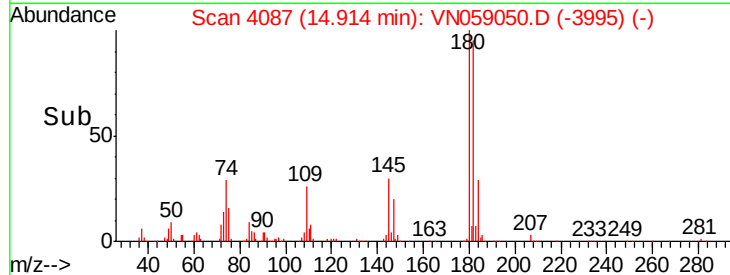
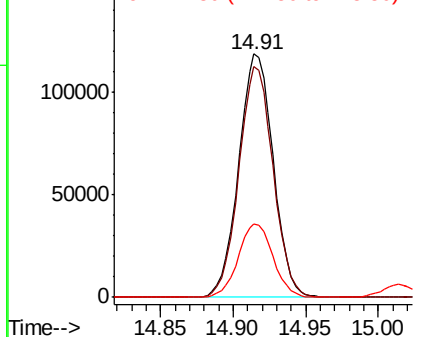
#93
 1,2,4-Trichlorobenzene
 Concen: 46.681 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 196314
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.8 143.4
 145 30.3 15.1 45.3

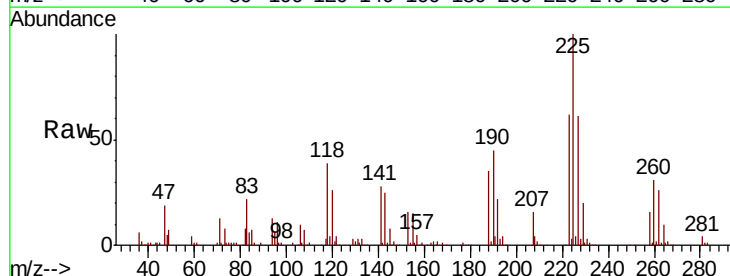


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

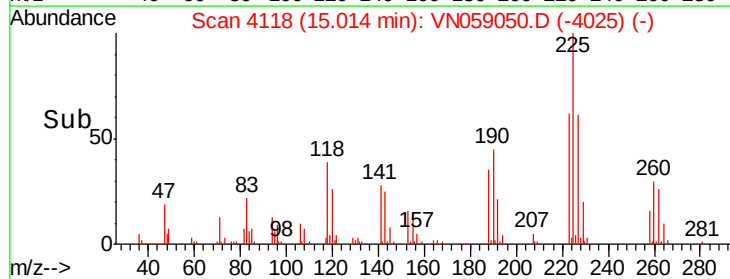
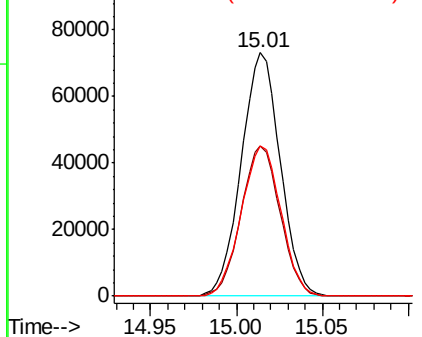


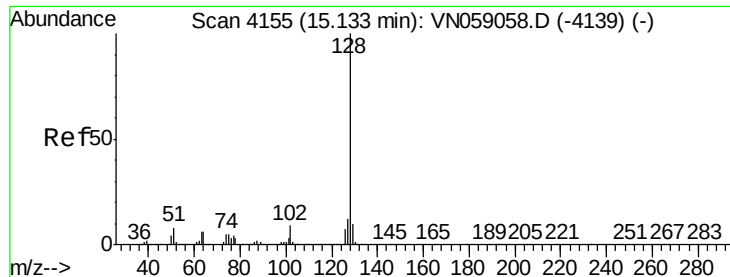
#94
 Hexachlorobutadiene
 Concen: 46.078 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059050.D
 Acq: 1 Nov 2019 9:19

Tgt Ion:225 Resp: 115012
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 62.8 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

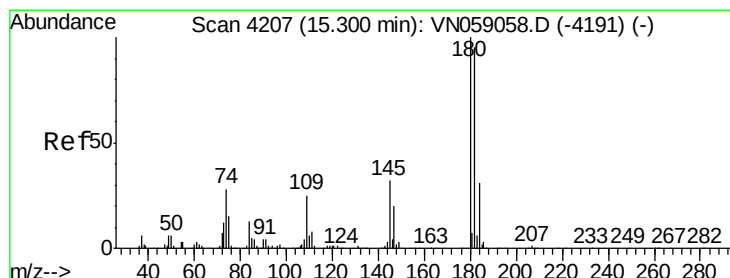
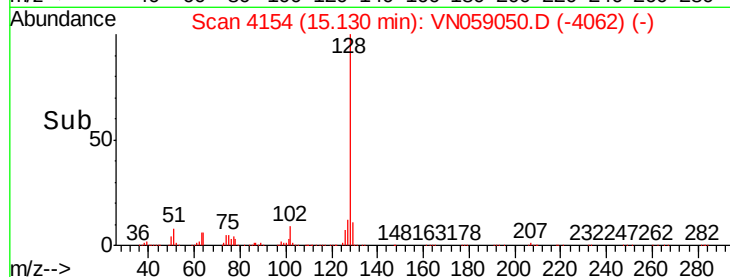
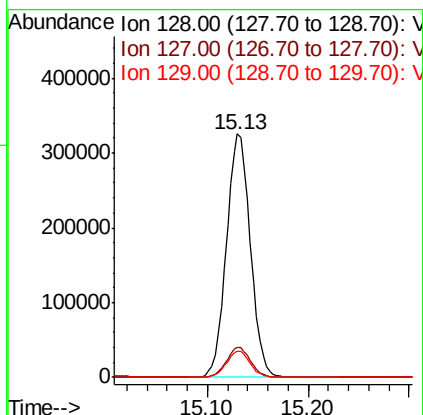
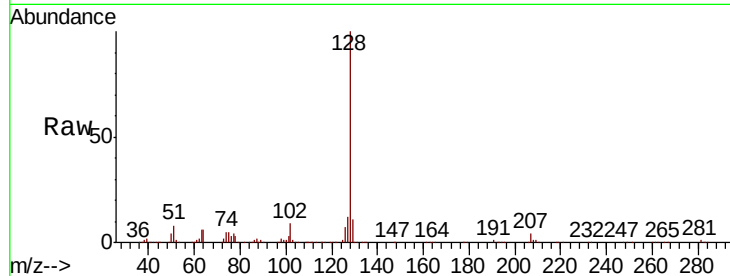




#95
Naphthalene
Concen: 46.254 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.9	14.9
129	10.7	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 46.883 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN059050.D
Acq: 1 Nov 2019 9:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.7	143.1
145	31.5	16.0	48.0

