

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059154.D
 Acq On : 11 Nov 2019 12:41
 Operator : JC/SP
 Sample : VN1111WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 00:40:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	467278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	754038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	680492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	298338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	305594	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
35) Dibromofluoromethane	7.57	113	231627	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.08	98	894977	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	318808	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	91459	19.426	ug/l	99
3) Chloromethane	2.04	50	122900	19.204	ug/l	100
4) Vinyl Chloride	2.17	62	125858	20.284	ug/l	99
5) Bromomethane	2.54	94	70343	19.701	ug/l	96
6) Chloroethane	2.68	64	75756	20.640	ug/l	98
7) Trichlorofluoromethane	3.00	101	153731	20.714	ug/l	99
8) Diethyl Ether	3.39	74	60687	20.125	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	89416	19.982	ug/l	97
10) Methyl Iodide	3.93	142	104017	18.780	ug/l	98
11) Tert butyl alcohol	4.76	59	115358	105.379	ug/l	98
12) 1,1-Dichloroethene	3.71	96	86038	19.738	ug/l	100
13) Acrolein	3.58	56	43890	77.764	ug/l	97
14) Allyl chloride	4.30	41	173120	19.335	ug/l	96
15) Acrylonitrile	4.95	53	285850	104.926	ug/l	98
16) Acetone	3.79	43	293694	98.323	ug/l	97
17) Carbon Disulfide	4.03	76	246372	18.208	ug/l	99
18) Methyl Acetate	4.30	43	153569	21.660	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	319122	21.264	ug/l	99
20) Methylene Chloride	4.53	84	104397	20.061	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	94351	20.165	ug/l	99
22) Diisopropyl ether	5.92	45	351525	20.785	ug/l	95
23) Vinyl Acetate	5.87	43	1465777	111.827	ug/l	100
24) 1,1-Dichloroethane	5.82	63	193888	20.526	ug/l	98
25) 2-Butanone	6.81	43	410610	104.303	ug/l	100
26) 2,2-Dichloropropane	6.80	77	173082	20.955	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	111750	20.587	ug/l	99
28) Bromochloromethane	7.17	49	58607	20.622	ug/l	99
29) Tetrahydrofuran	7.19	42	264706	105.824	ug/l	100
30) Chloroform	7.35	83	191308	21.112	ug/l	99
31) Cyclohexane	7.63	56	173516	19.404	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	164425	21.583	ug/l	99
36) 1,1-Dichloropropene	7.77	75	139070	19.732	ug/l	99
37) Ethyl Acetate	6.91	43	166793	21.273	ug/l	100
38) Carbon Tetrachloride	7.75	117	142003	20.243	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	160783	19.656	ug/l	99
40) Benzene	8.02	78	426175	20.080	ug/l	100
41) Methacrylonitrile	7.18	41	234117	68.666	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	155348	21.341	ug/l	99
43) Isopropyl Acetate	8.15	43	251951	20.156	ug/l	99
44) Trichloroethene	8.82	130	104101	19.953	ug/l	98
45) 1,2-Dichloropropane	9.10	63	115834	20.093	ug/l	99
46) Dibromomethane	9.19	93	71407	19.877	ug/l	99
47) Bromodichloromethane	9.39	83	148952	20.765	ug/l	99
48) Methyl methacrylate	9.18	41	113530	20.305	ug/l	99
49) 1,4-Dioxane	9.18	88	38475	387.208	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	802810	113.505	ug/l	98
52) Toluene	10.14	92	259418	20.393	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	166774	20.123	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	181129	20.318	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	107100	20.803	ug/l	98
56) Ethyl methacrylate	10.42	69	160176	19.828	ug/l	98
57) 1,3-Dichloropropane	10.70	76	183411	20.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	304493	106.273	ug/l	100
59) 2-Hexanone	10.74	43	592036	109.055	ug/l	99
60) Dibromochloromethane	10.90	129	111022	20.396	ug/l	100
61) 1,2-Dibromoethane	11.00	107	107635	20.652	ug/l	99
64) Tetrachloroethene	10.63	164	89516	19.345	ug/l	98
65) Chlorobenzene	11.43	112	275765	20.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	102409	20.580	ug/l	99
67) Ethyl Benzene	11.51	91	490706	20.849	ug/l	98
68) m/p-Xylenes	11.62	106	360277	40.865	ug/l	97
69) o-Xylene	11.95	106	174286	20.456	ug/l	98
70) Styrene	11.96	104	272185	20.313	ug/l	98
71) Bromoform	12.12	173	78564	20.297	ug/l #	99
73) Isopropylbenzene	12.25	105	472735	21.784	ug/l	99
74) N-amyl acetate	12.07	43	196271	21.344	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	163752	22.158	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	212754	31.323	ug/l #	100
77) Bromobenzene	12.53	156	113409	20.800	ug/l	100
78) n-propylbenzene	12.59	91	537114	21.616	ug/l	100
79) 2-Chlorotoluene	12.67	91	330516	21.442	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	393969	21.425	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53292	20.724	ug/l	95
82) 4-Chlorotoluene	12.77	91	329246	21.296	ug/l	99
83) tert-Butylbenzene	12.99	119	342916	21.594	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	385271	21.656	ug/l	100
85) sec-Butylbenzene	13.17	105	445963	21.594	ug/l	100
86) p-Isopropyltoluene	13.29	119	391786	21.485	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	192864	20.657	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	189427	20.278	ug/l	99
89) n-Butylbenzene	13.62	91	314484	19.704	ug/l	99
90) Hexachloroethane	13.88	117	75440	20.602	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	194126	21.136	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32899	22.328	ug/l	93

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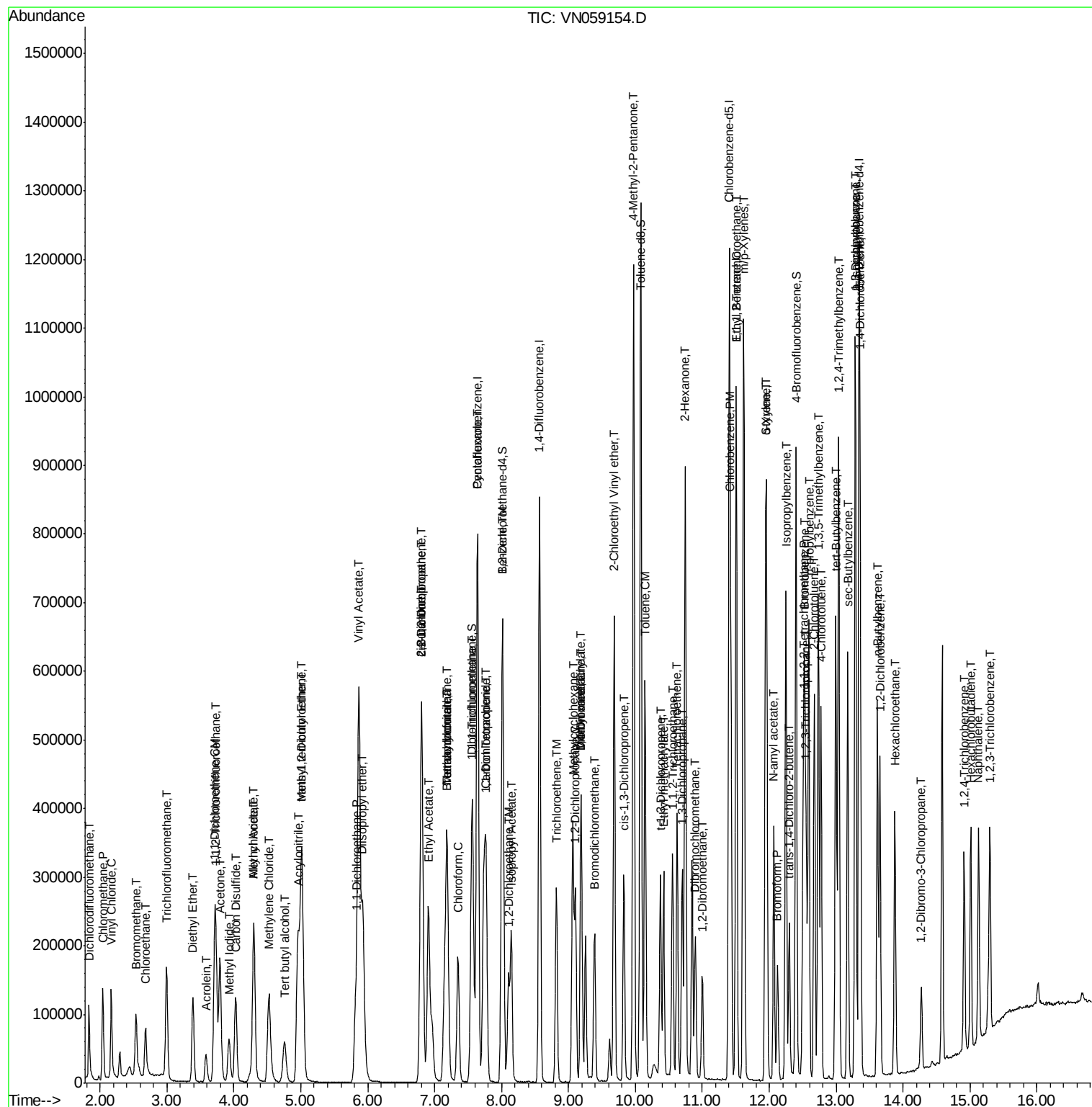
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	91349	18.441	ug/l	99
94) Hexachlorobutadiene	15.01	225	61777	19.508	ug/l	99
95) Naphthalene	15.13	128	252888	18.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	92582	17.987	ug/l	98

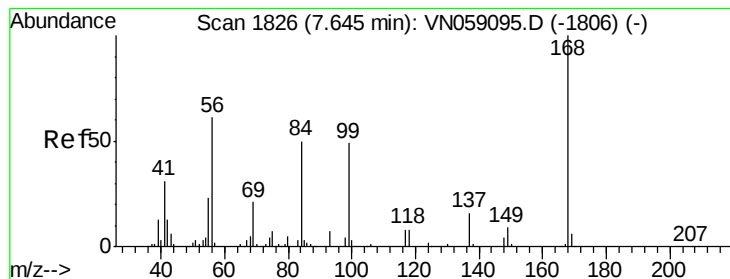
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

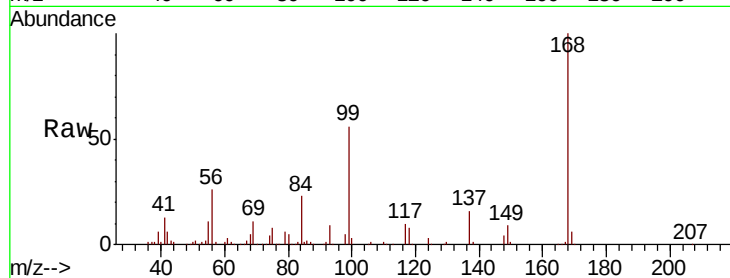
ClientSampleId :

Tot Ion:168 Resp: 467278

Ion Ratio Lower Upper

168 100

99 55.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

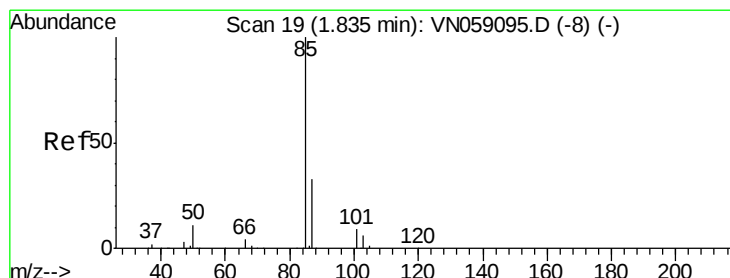
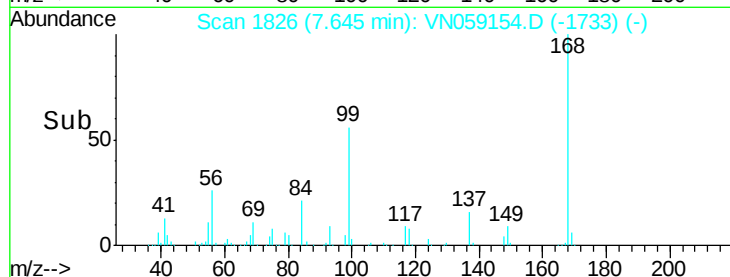
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.426 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059154.D

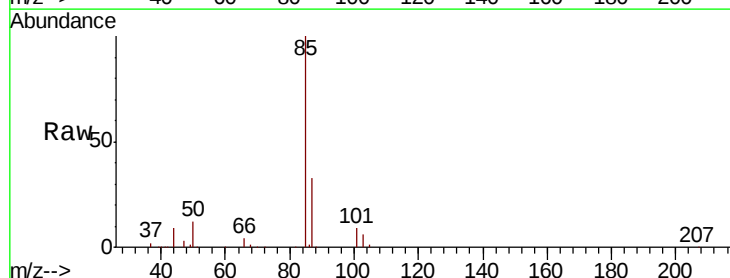
Acq: 11 Nov 2019 12:41

Tgt Ion: 85 Resp: 91459

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

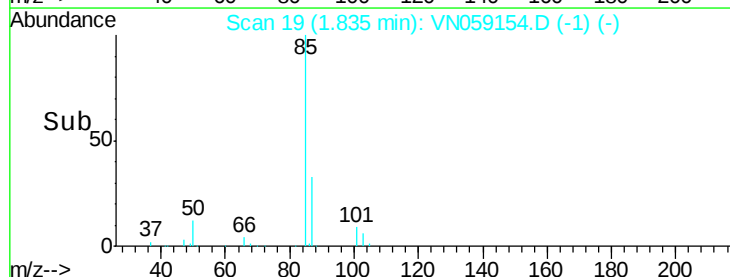
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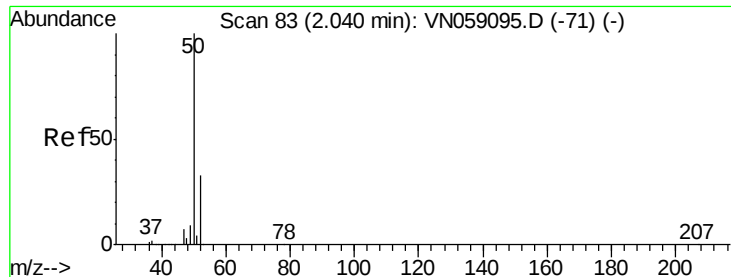
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.204 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

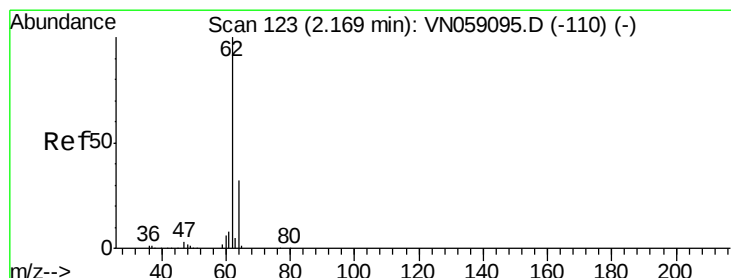
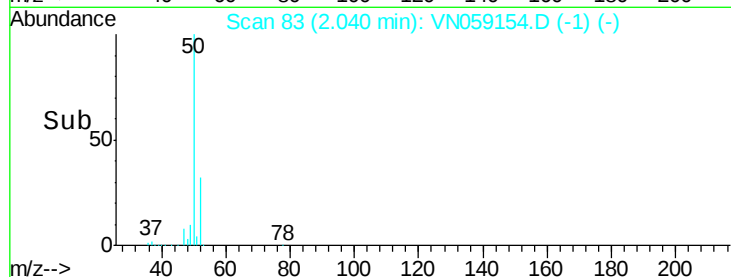
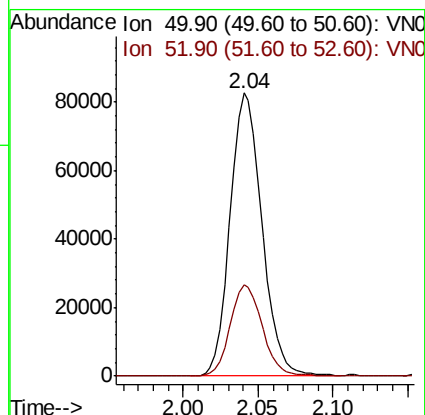
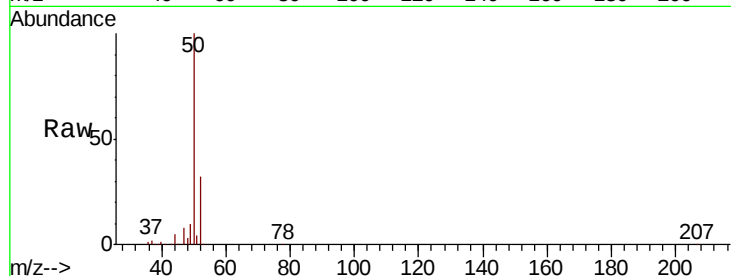
ClientSampleId :

Tot Ion: 50 Resp: 122900

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 20.284 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059154.D

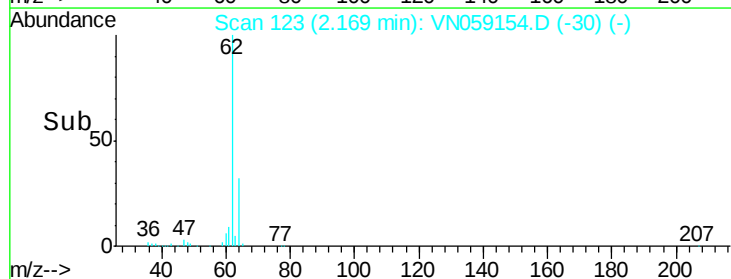
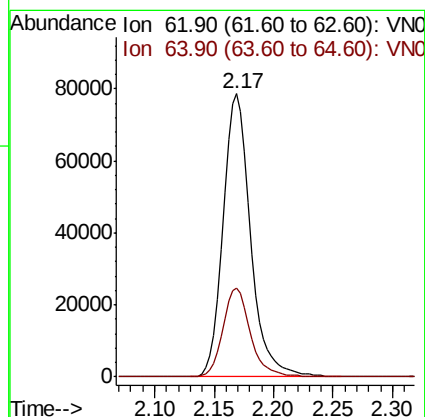
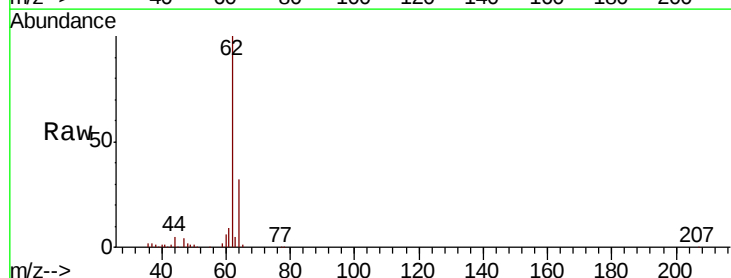
Acq: 11 Nov 2019 12:41

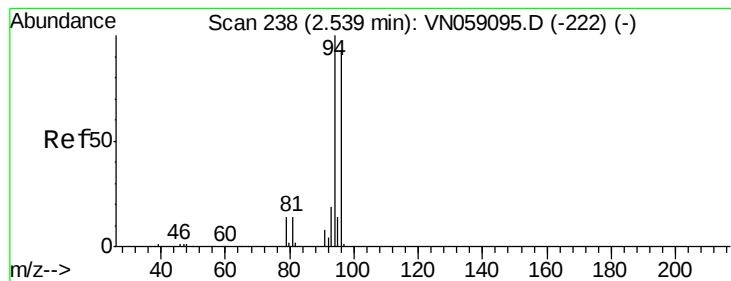
Tgt Ion: 62 Resp: 125858

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 19.701 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

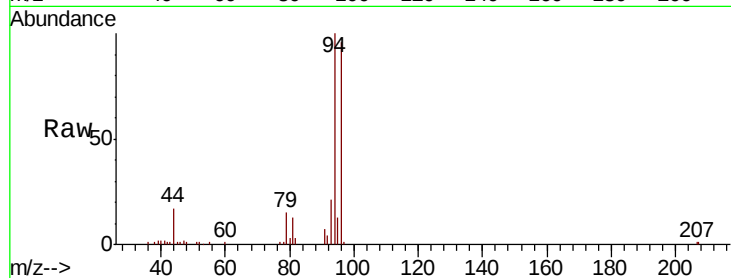
ClientSampled :

Tot Ion: 94 Resp: 70343

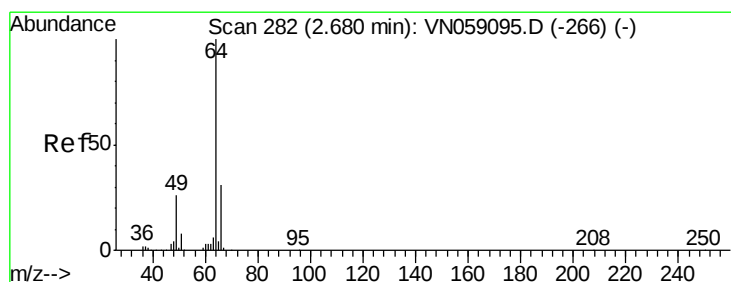
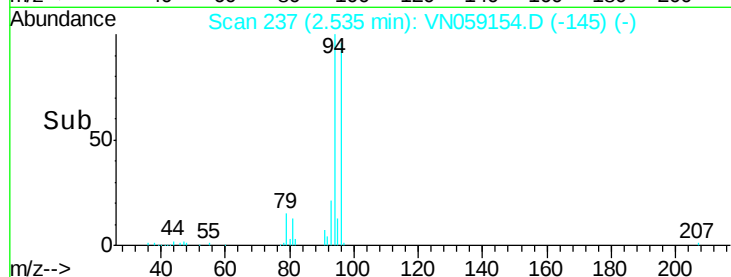
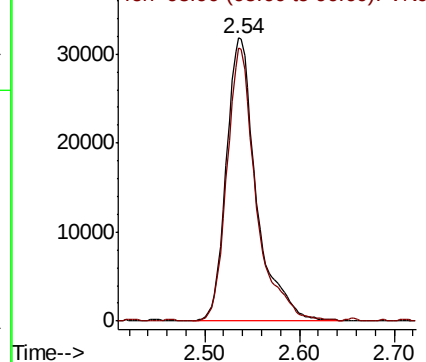
Ion Ratio Lower Upper

94 100

96 96.5 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 20.640 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059154.D

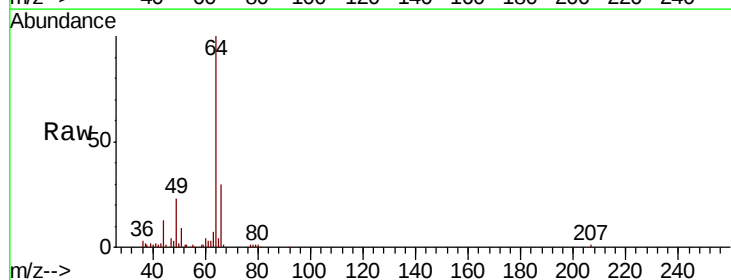
Acq: 11 Nov 2019 12:41

Tgt Ion: 64 Resp: 75756

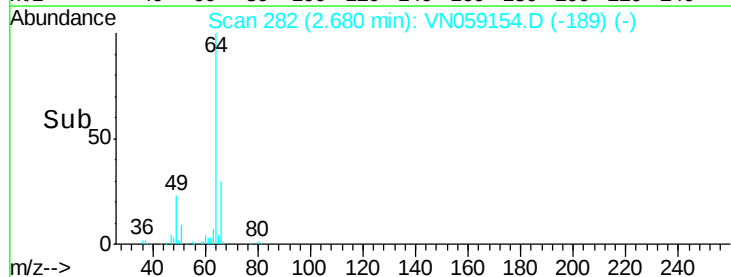
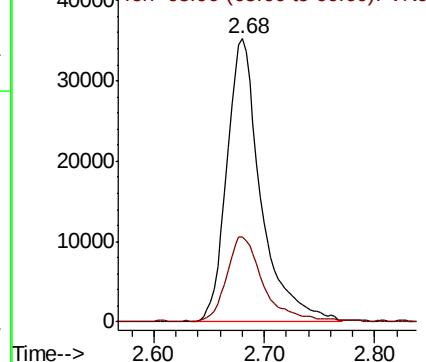
Ion Ratio Lower Upper

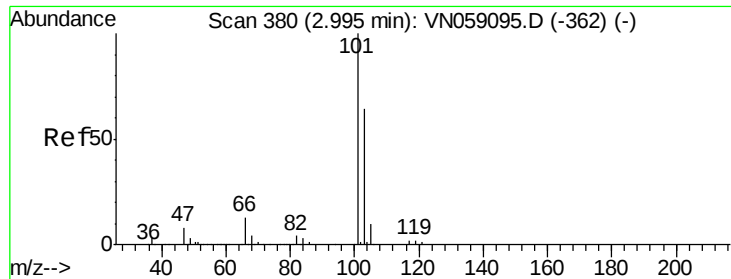
64 100

66 30.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



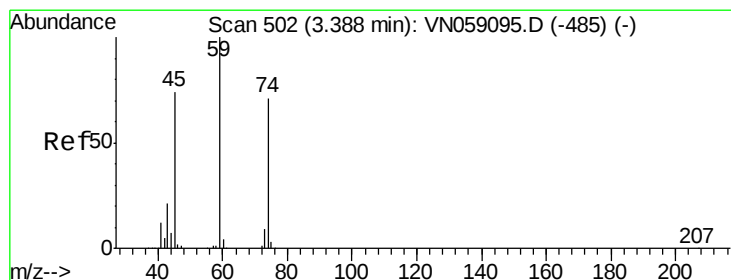
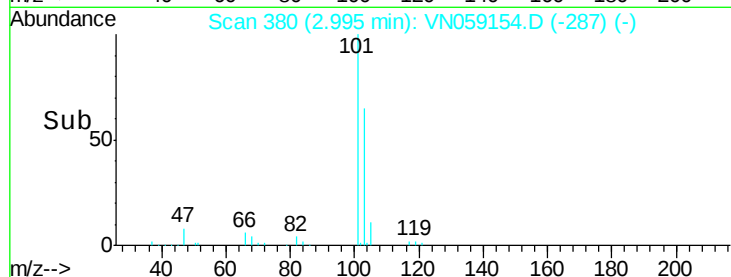
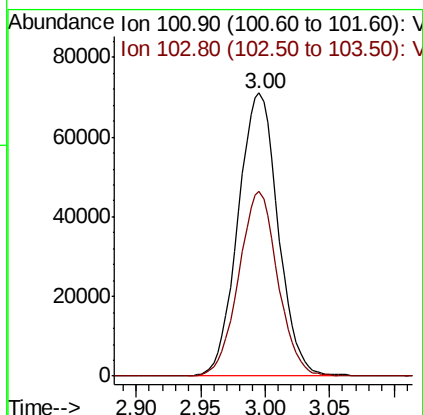
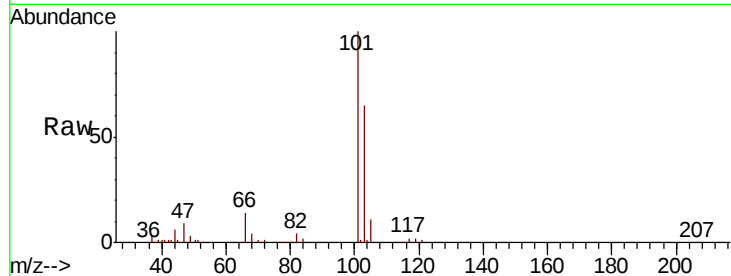


#7

Trichlorofluoromethane
 Concen: 20.714 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

Instrument :
 MSVOA_N
 ClientSampled :

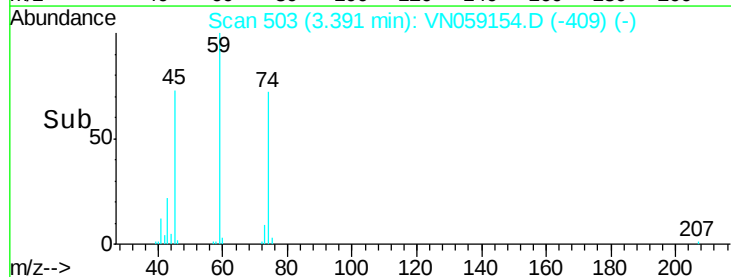
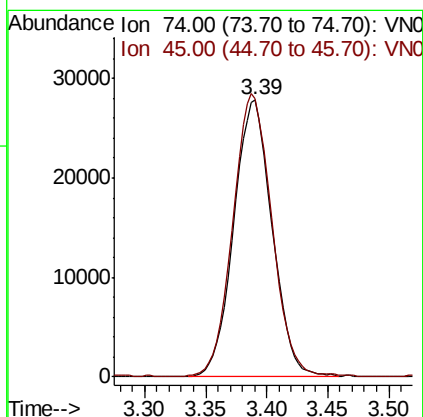
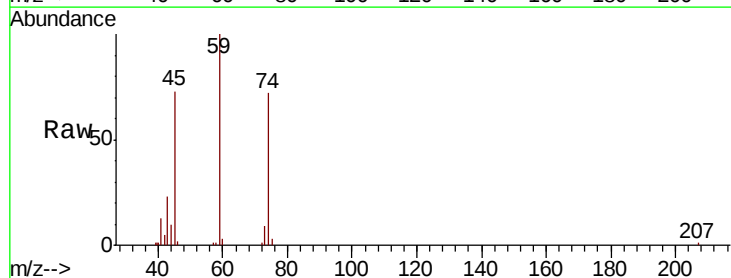
Tot Ion:101 Resp: 153731
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.2 76.8

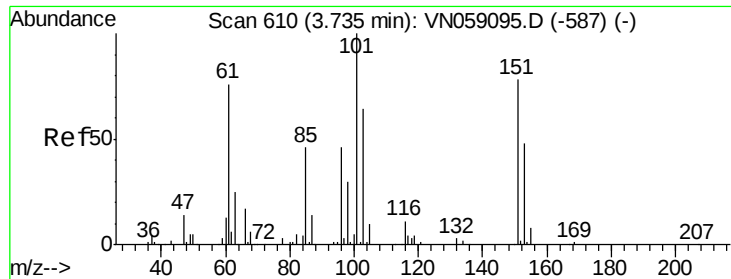


#8

Diethyl Ether
 Concen: 20.125 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

Tgt Ion: 74 Resp: 60687
 Ion Ratio Lower Upper
 74 100
 45 103.7 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.982 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

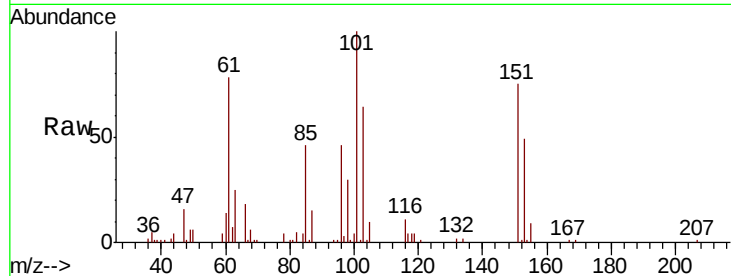
Tot Ion:101 Resp: 89416

Ion Ratio Lower Upper

101 100

85 45.9 35.5 53.3

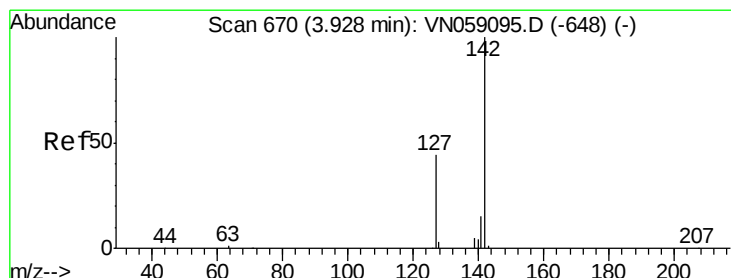
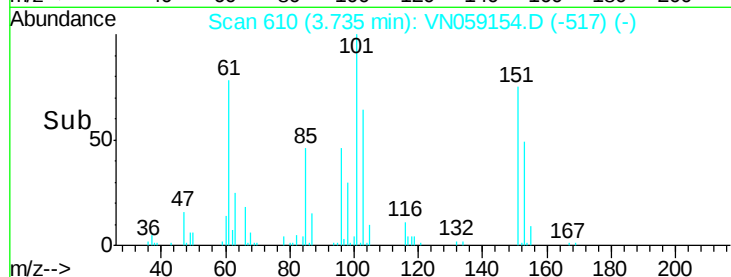
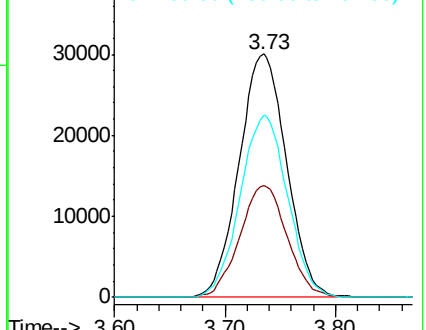
151 74.9 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.780 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

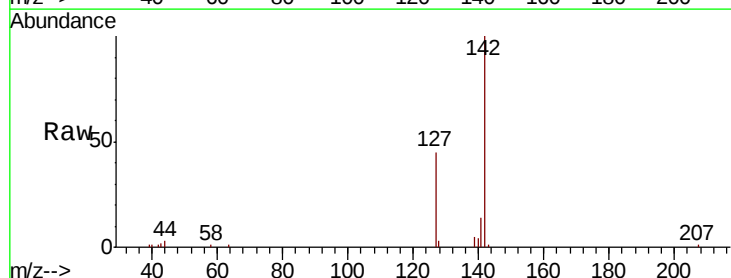
Tgt Ion:142 Resp: 104017

Ion Ratio Lower Upper

142 100

127 44.7 34.2 51.2

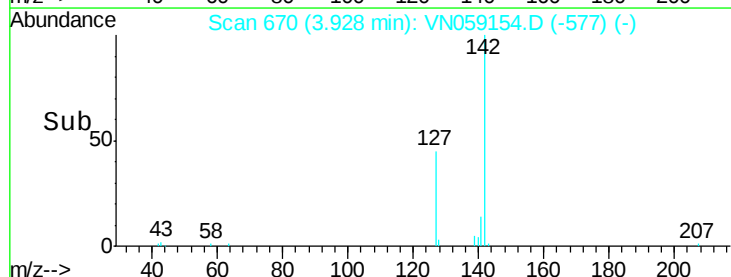
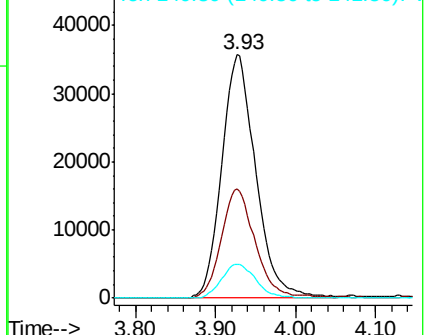
141 14.1 11.4 17.0

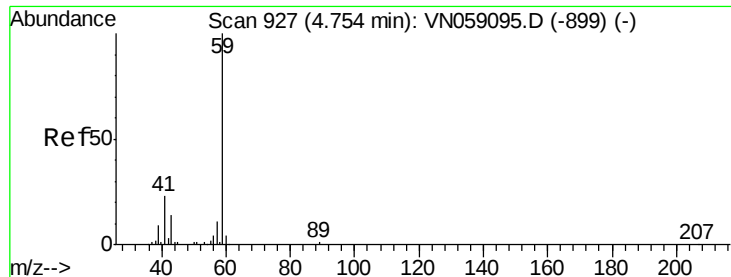


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



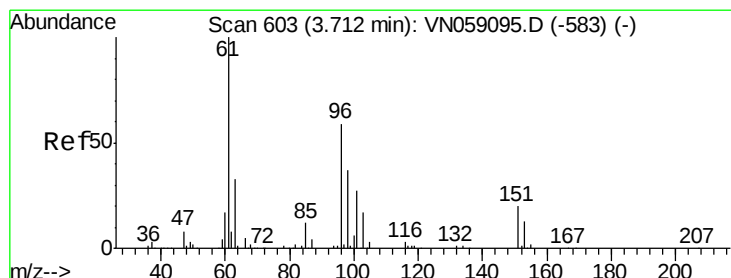
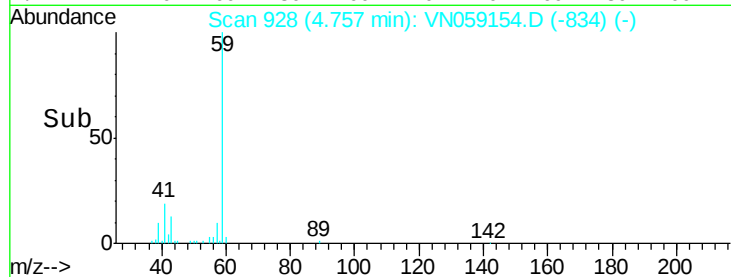
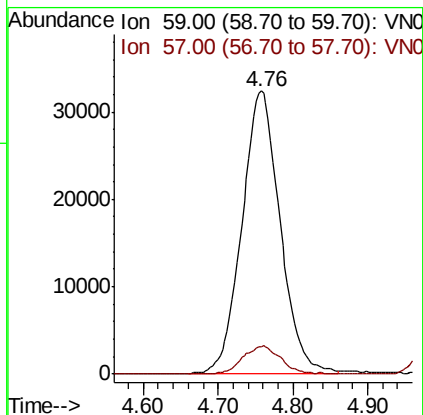
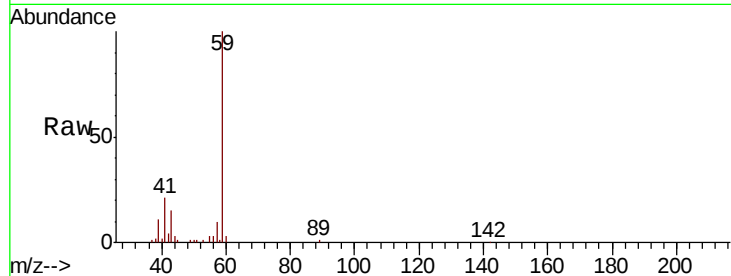


#11

Tert butyl alcohol
Concen: 105.379 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Instrument :
MSVOA_N
ClientSampled :

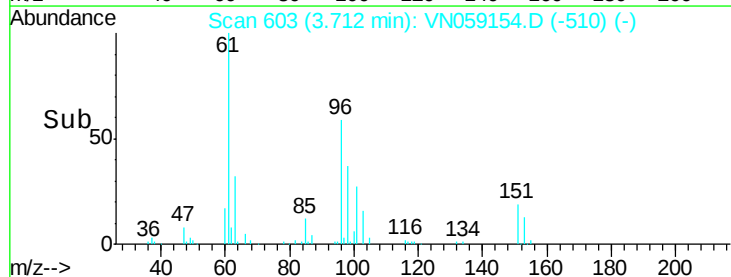
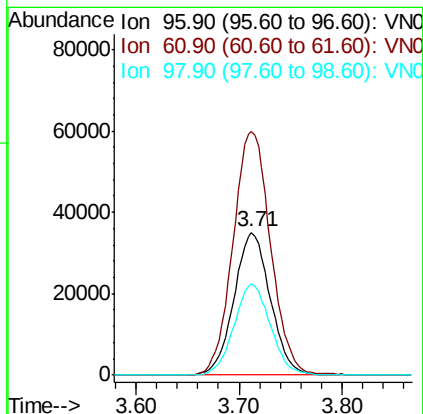
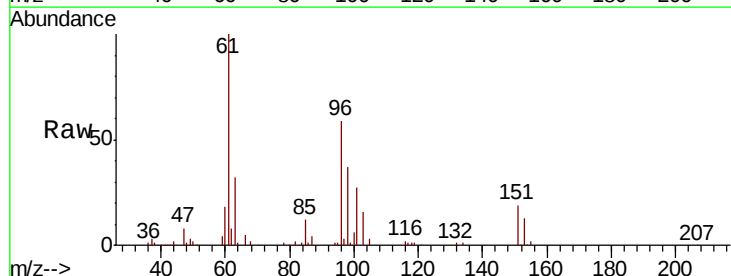
Tot Ion: 59 Resp: 115358
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

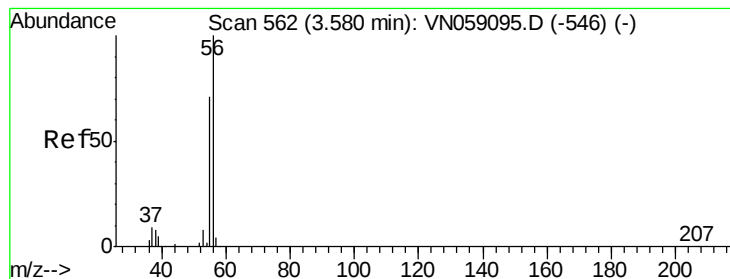


#12

1,1-Dichloroethene
Concen: 19.738 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 96 Resp: 86038
Ion Ratio Lower Upper
96 100
61 170.4 136.5 204.7
98 63.7 50.2 75.4





#13

Acrolein

Concen: 77.764 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

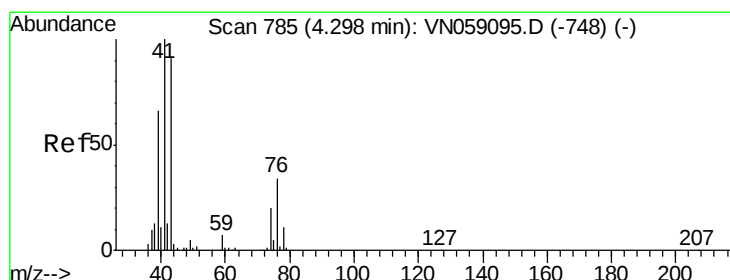
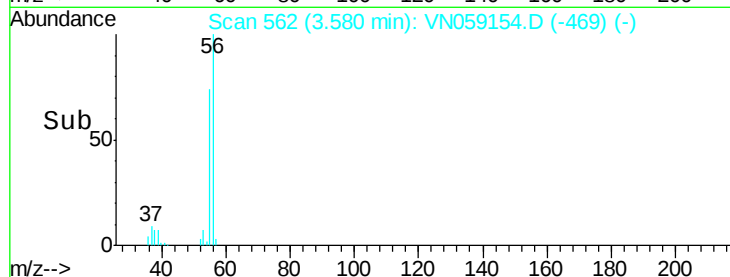
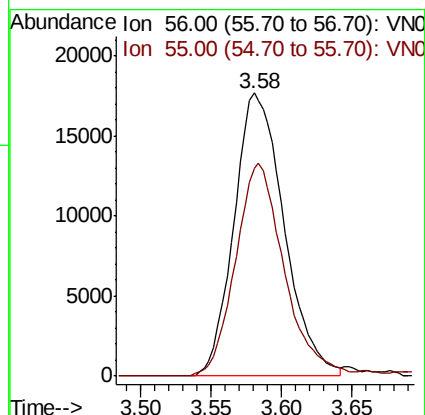
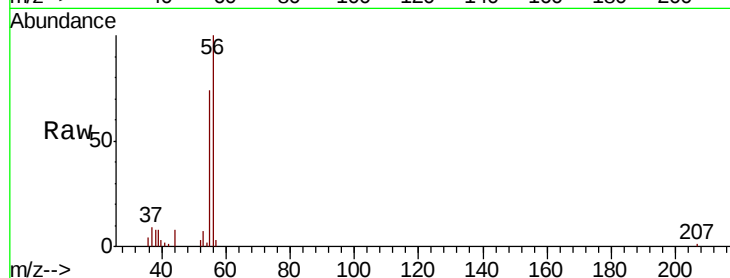
ClientSampled :

Tot Ion: 56 Resp: 43890

Ion Ratio Lower Upper

56 100

55 73.0 56.4 84.6



#14

Allyl chloride

Concen: 19.335 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

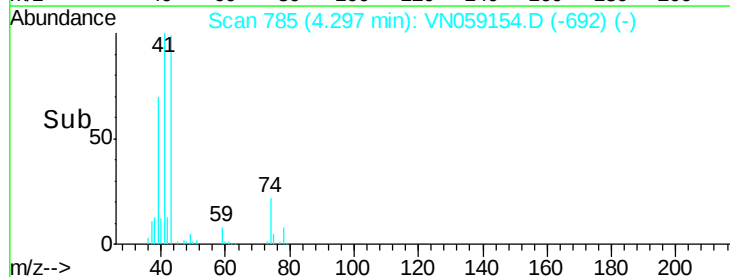
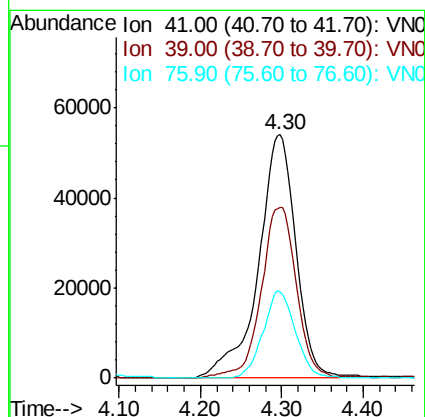
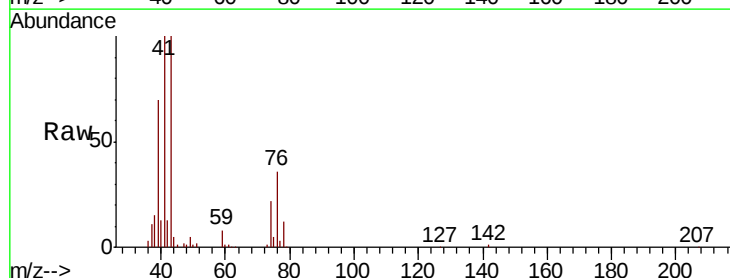
Tgt Ion: 41 Resp: 173120

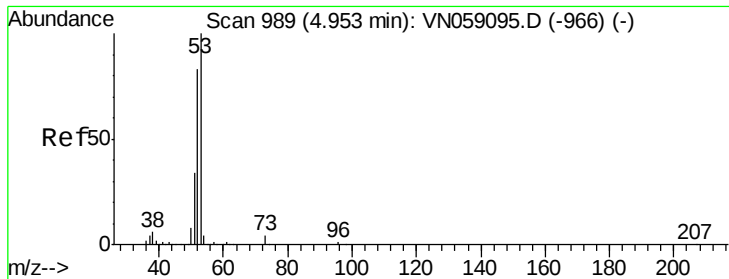
Ion Ratio Lower Upper

41 100

39 66.1 49.1 73.7

76 31.0 24.9 37.3





#15

Acrylonitrile

Concen: 104.926 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

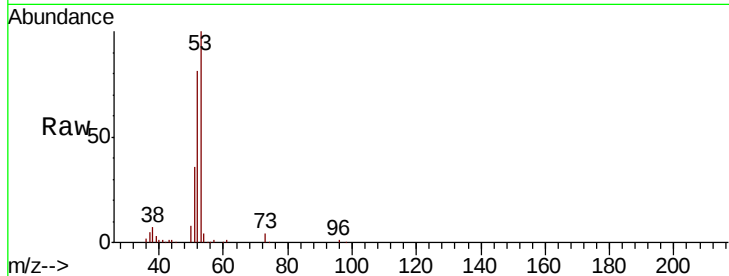
Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 53 Resp: 285850

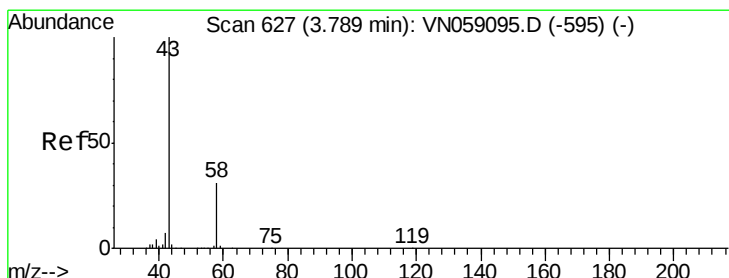
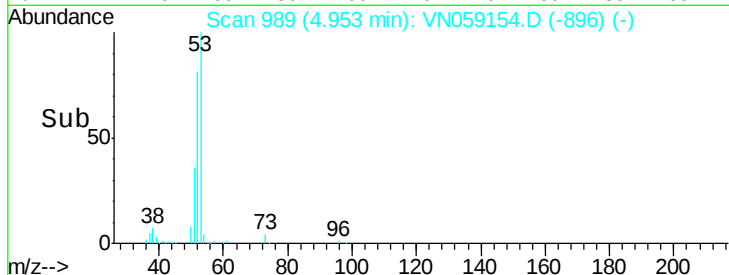
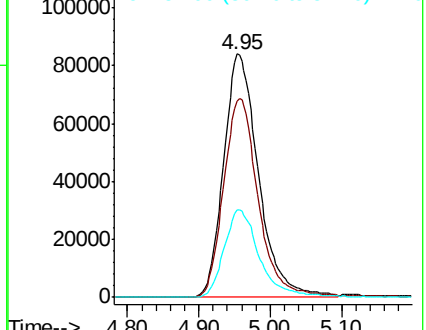
Ion	Ratio	Lower	Upper
53	100		
52	79.7	65.0	97.6
51	36.4	28.0	42.0



Abundance Ion 53.00 (52.70 to 53.70): VN059154.D (-896) (-)

Ion 52.00 (51.70 to 52.70): VN059154.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VN059154.D (-896) (-)



#16

Acetone

Concen: 98.323 ug/l

RT: 3.79 min Scan# 627

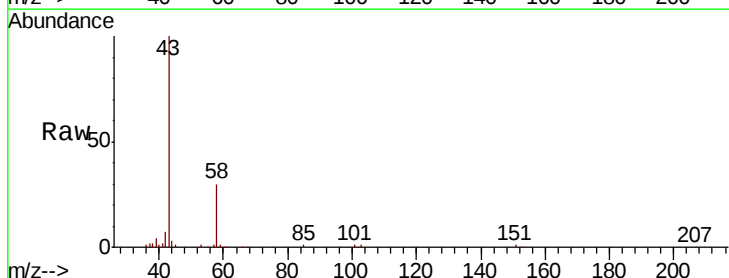
Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

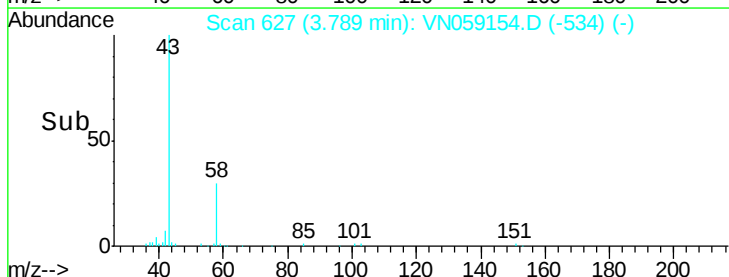
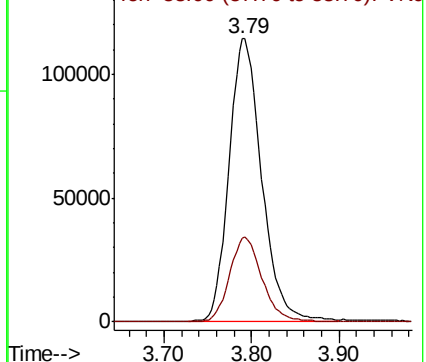
Tgt Ion: 43 Resp: 293694

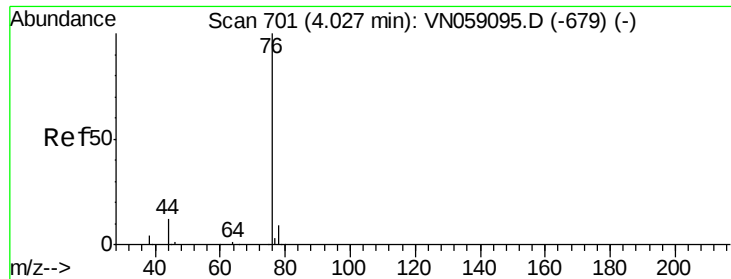
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059154.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059154.D (-534) (-)

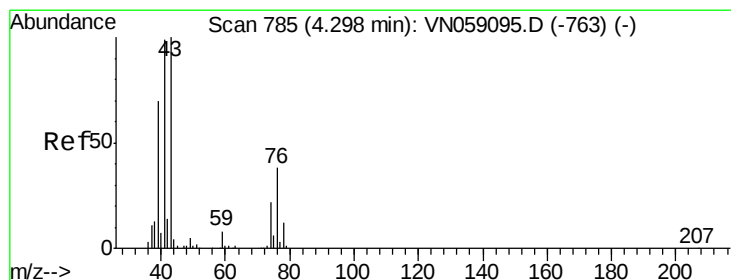
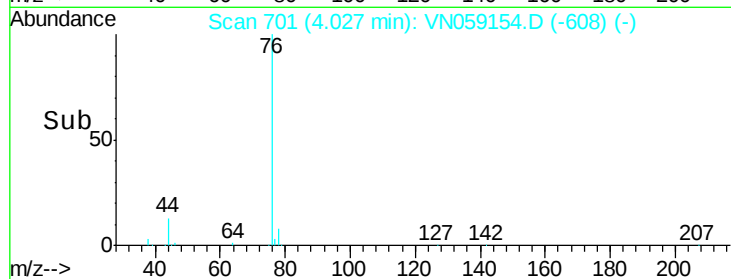
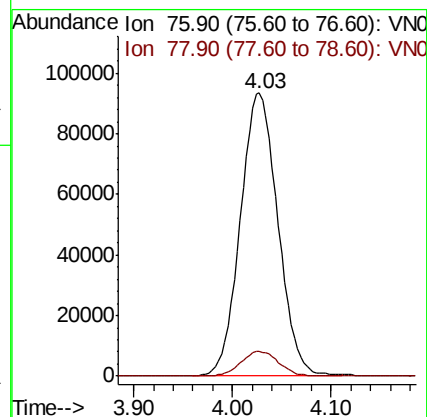
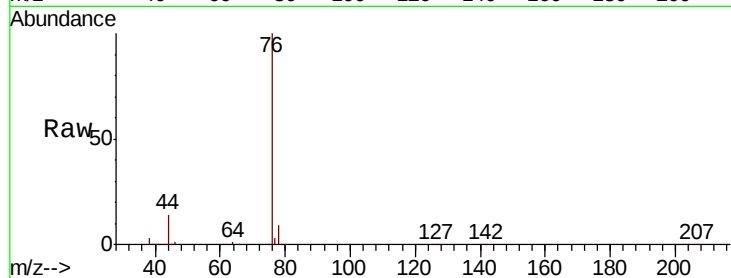




#17
Carbon Disulfide
Concen: 18.208 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

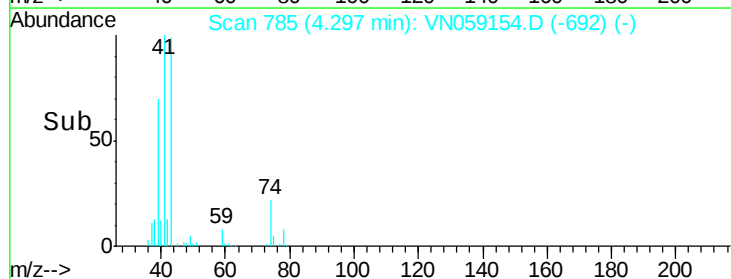
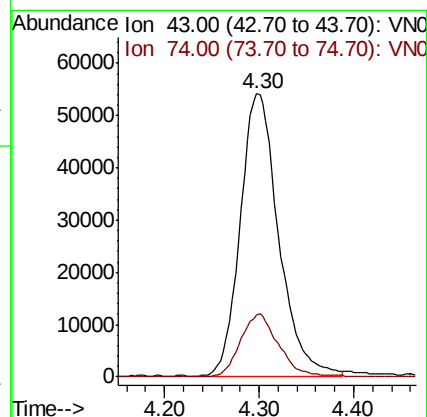
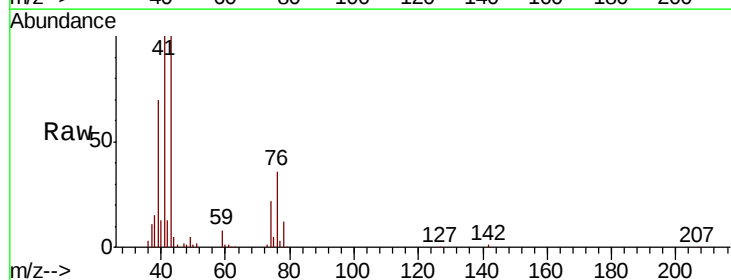
Instrument :
MSVOA_N
ClientSampleId :

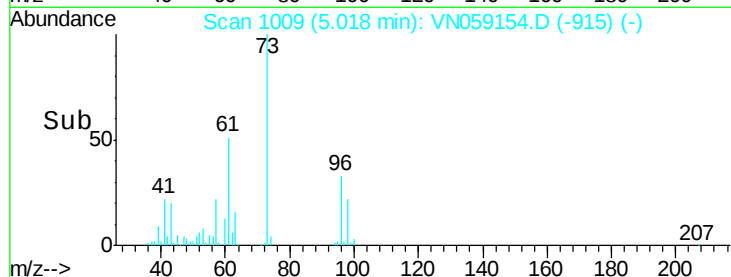
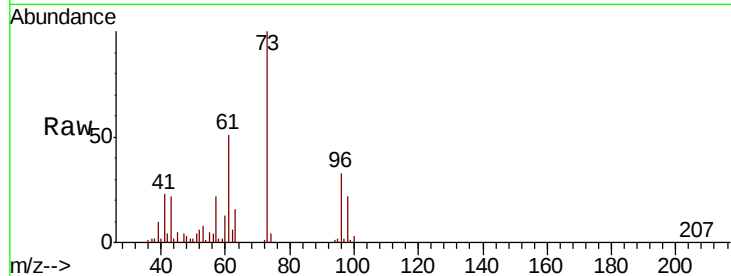
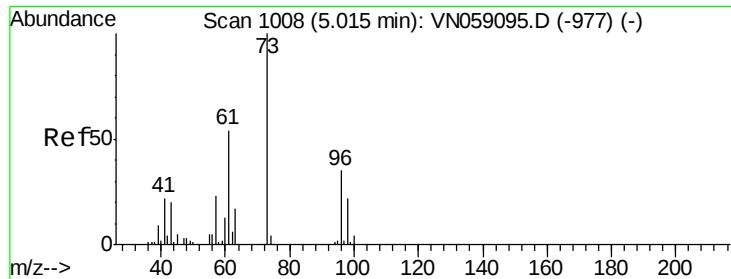
Tot Ion: 76 Resp: 246372
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 21.660 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

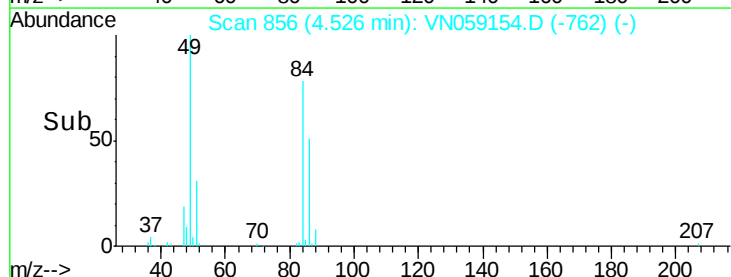
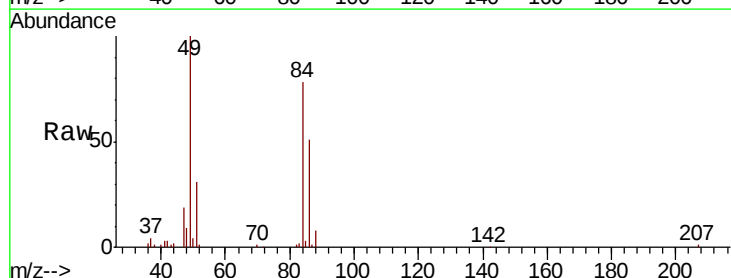
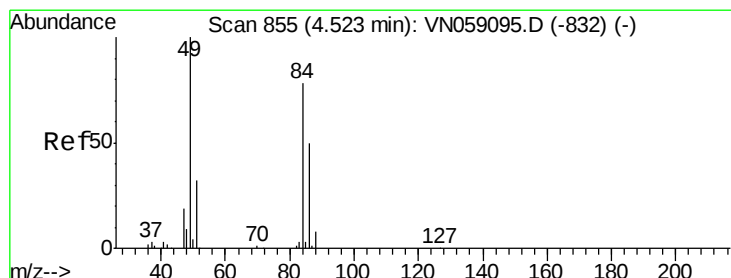
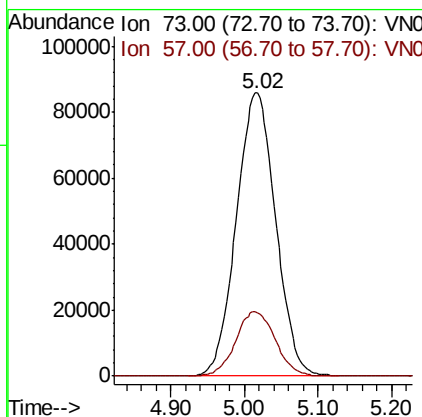
Tgt Ion: 43 Resp: 153569
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8





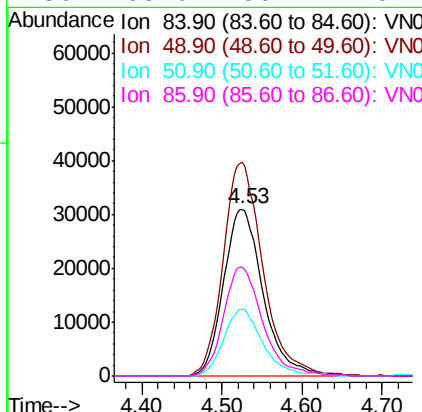
#19
Methvl tert-butvl Ether
Concen: 21.264 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

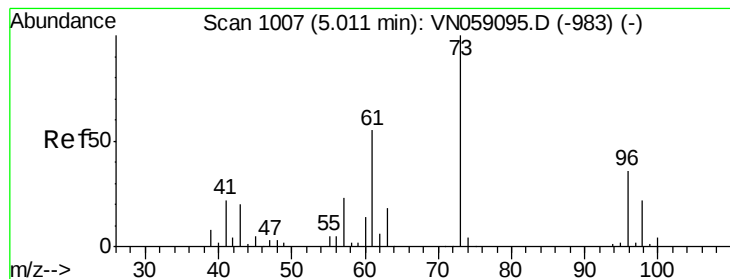
Tot Ion: 73 Resp: 319122
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 20.061 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 84 Resp: 104397
Ion Ratio Lower Upper
84 100
49 127.9 102.0 153.0
51 40.2 32.2 48.2
86 65.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.165 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :
MSVOA_N
ClientSampleId :

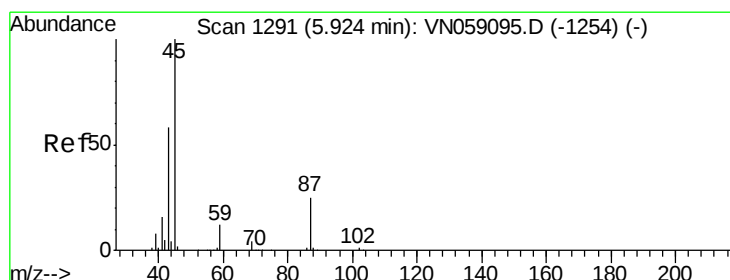
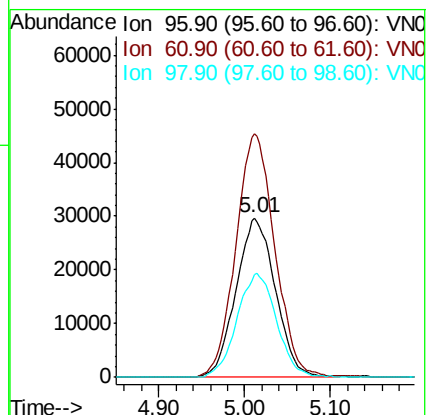
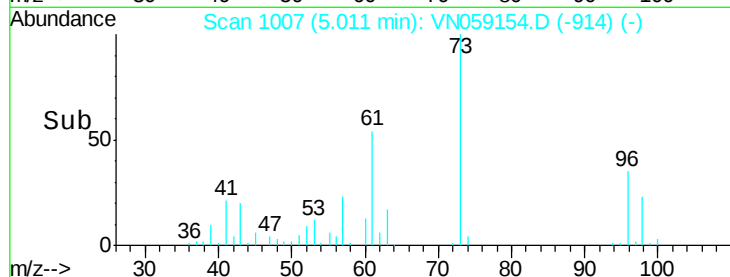
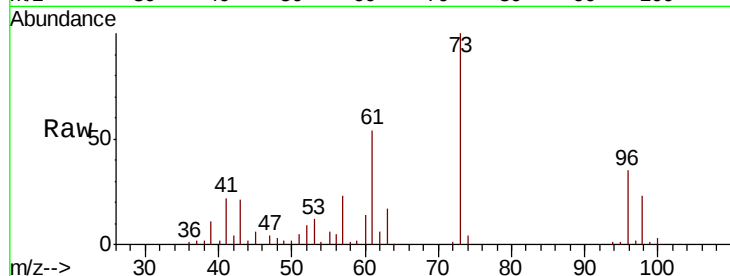
Tot Ion: 96 Resp: 94351

Ion Ratio Lower Upper

96 100

61 153.0 122.6 183.8

98 64.4 50.3 75.5



#22

Diisopropyl ether

Concen: 20.785 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Tgt Ion: 45 Resp: 351525

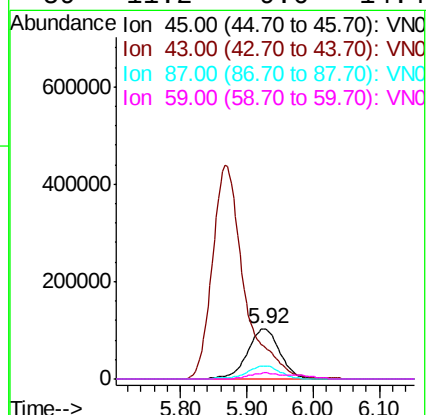
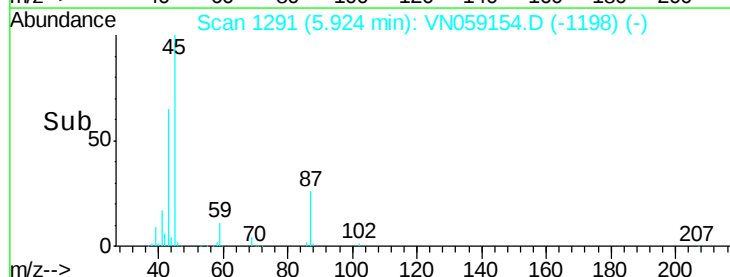
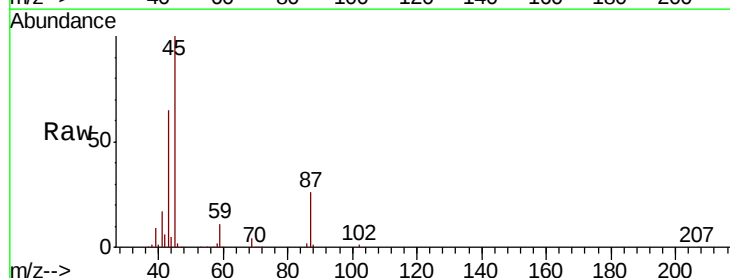
Ion Ratio Lower Upper

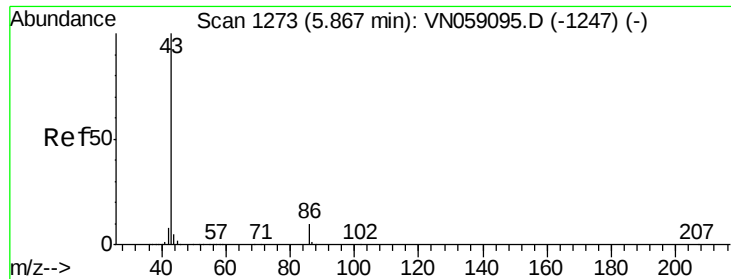
45 100

43 64.0 46.7 70.1

87 25.9 20.5 30.7

59 11.2 9.6 14.4

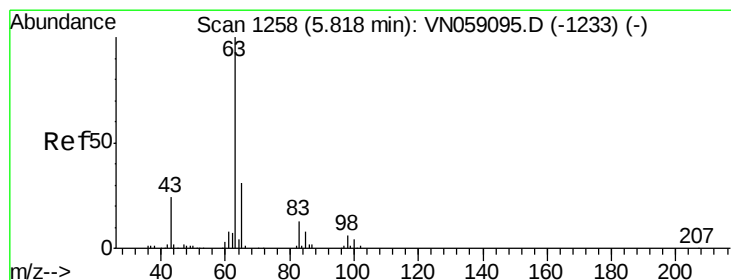
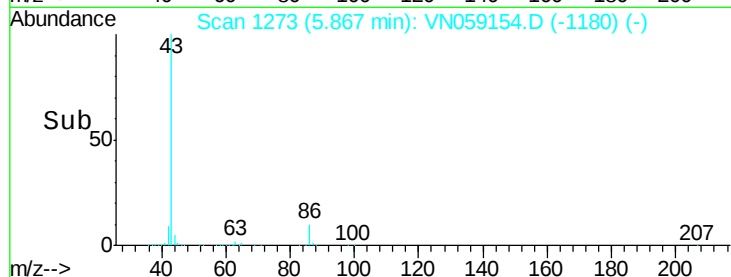
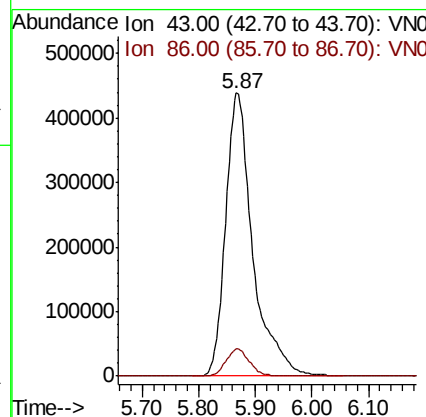
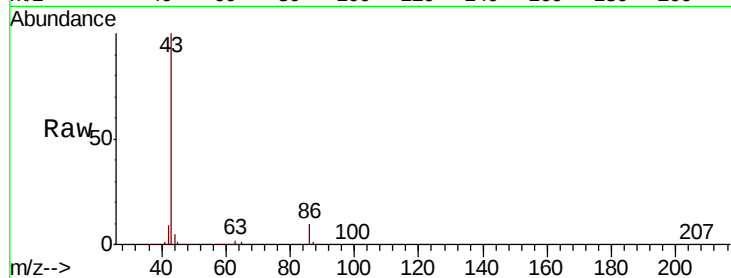




#23
 Vinyl Acetate
 Concen: 111.827 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

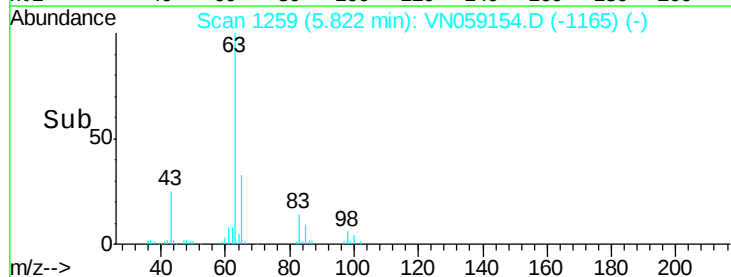
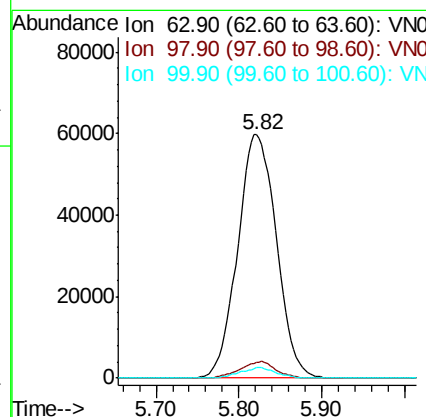
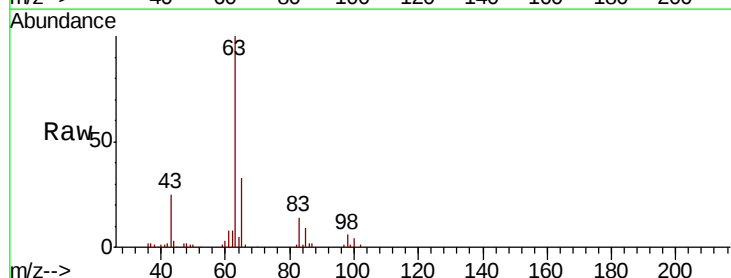
Instrument :
 MSVOA_N
 ClientSampleId :

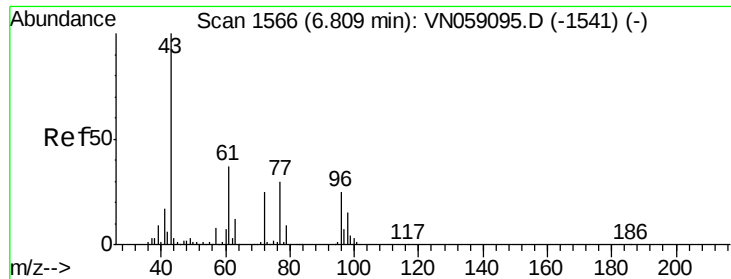
Tot Ion: 43 Resp: 1465777
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.526 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

Tgt Ion: 63 Resp: 193888
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.8 8.4
 100 4.2 1.9 5.7

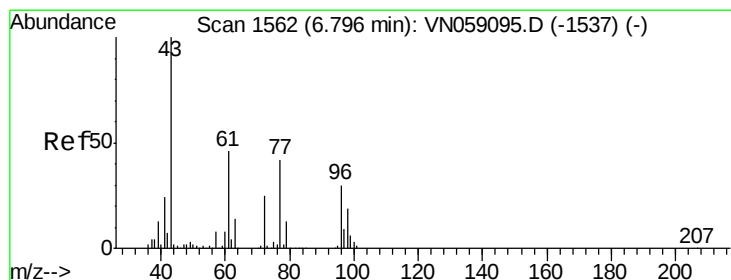
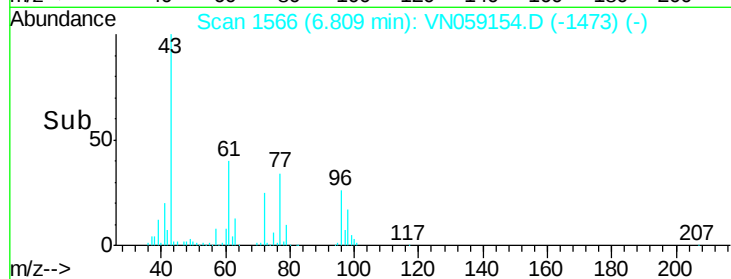
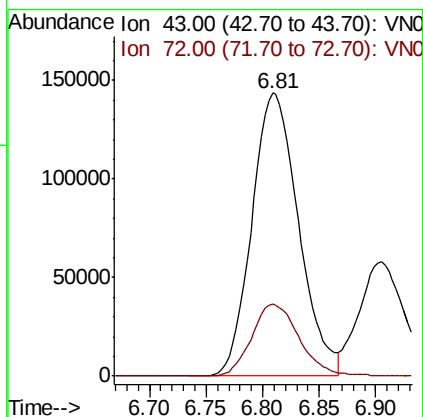
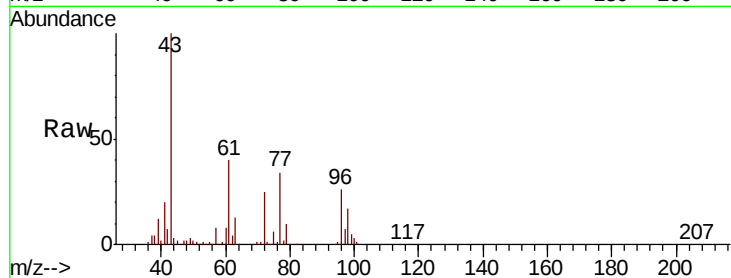




#25
2-Butanone
Concen: 104.303 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

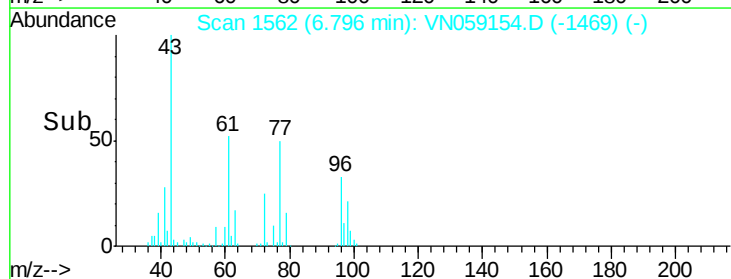
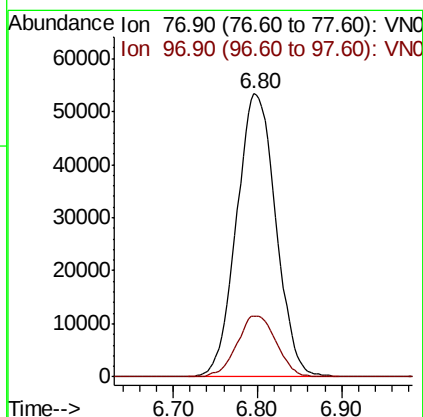
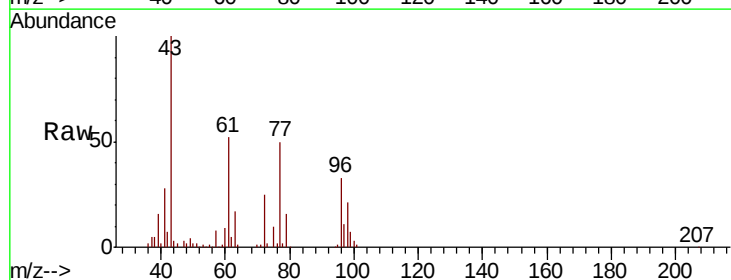
Instrument :
MSVOA_N
ClientSampleId :

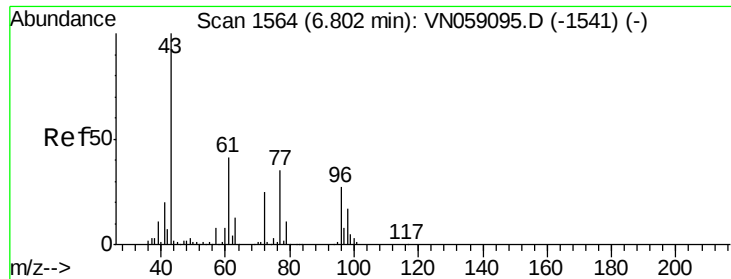
Tot Ion: 43 Resp: 410610
Ion Ratio Lower Upper
43 100
72 25.3 20.3 30.5



#26
2,2-Dichloropropane
Concen: 20.955 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 77 Resp: 173082
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.587 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

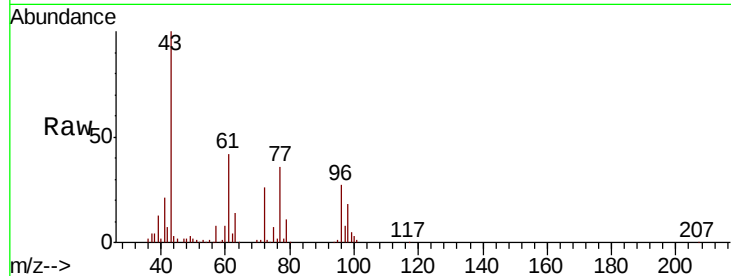
Tot Ion: 96 Resp: 111750

Ion Ratio Lower Upper

96 100

61 157.7 0.0 311.6

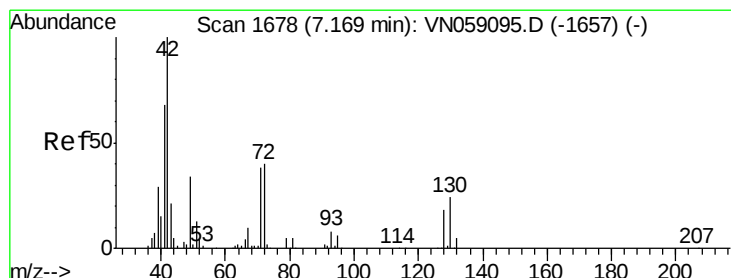
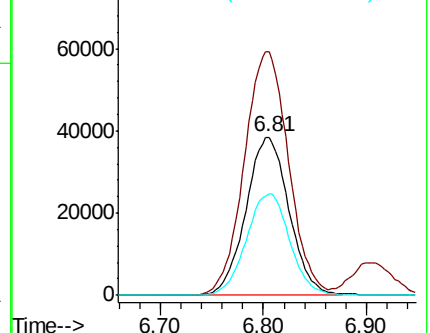
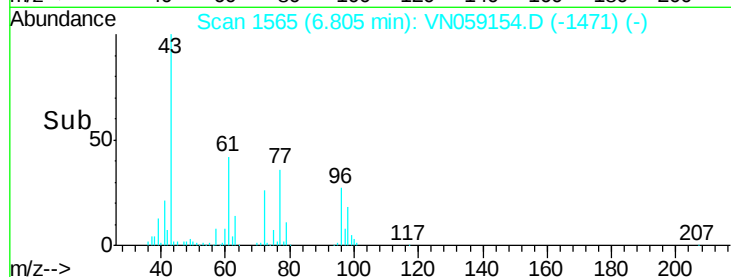
98 64.7 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN059154.D (-1471) (-)

Ion 60.90 (60.60 to 61.60): VN059154.D (-1471) (-)

Ion 97.90 (97.60 to 98.60): VN059154.D (-1471) (-)



#28

Bromochloromethane

Concen: 20.622 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

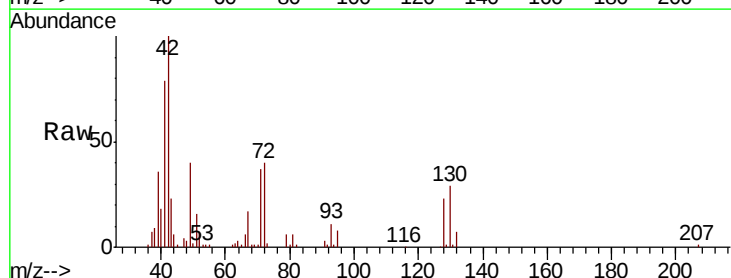
Tgt Ion: 49 Resp: 58607

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

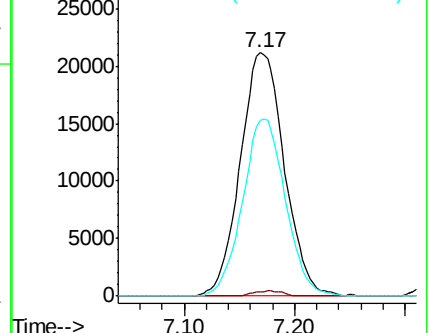
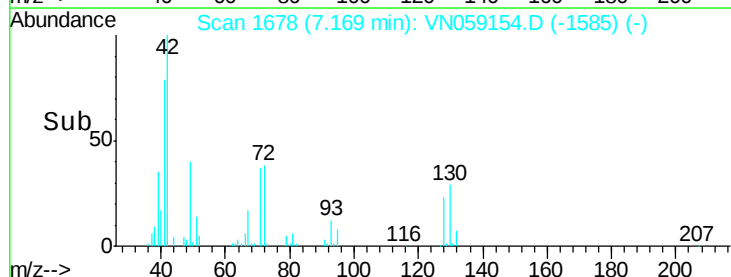
130 70.7 55.6 83.4

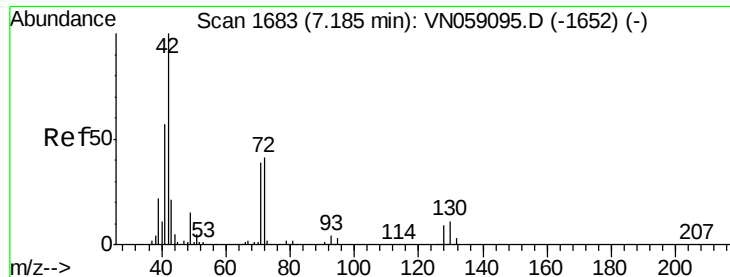


Abundance Ion 48.90 (48.60 to 49.60): VN059154.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059154.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059154.D (-1585) (-)

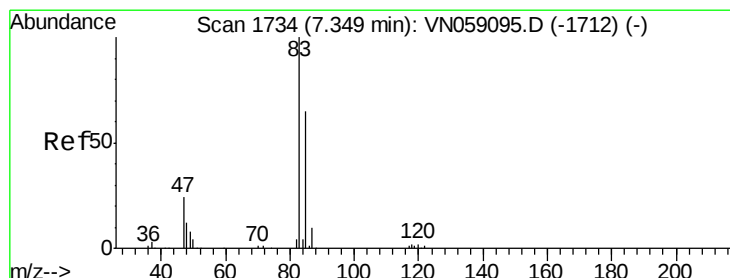
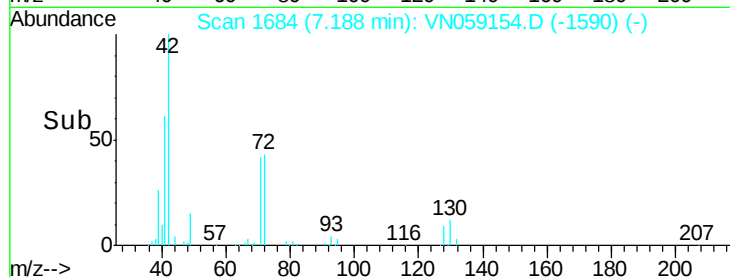
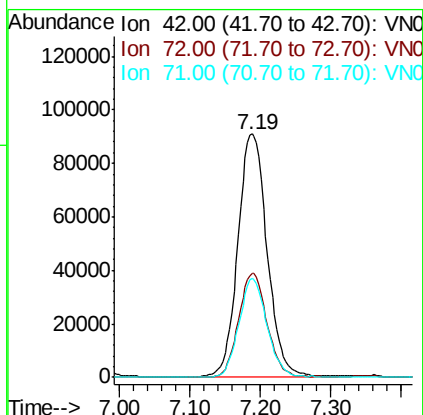
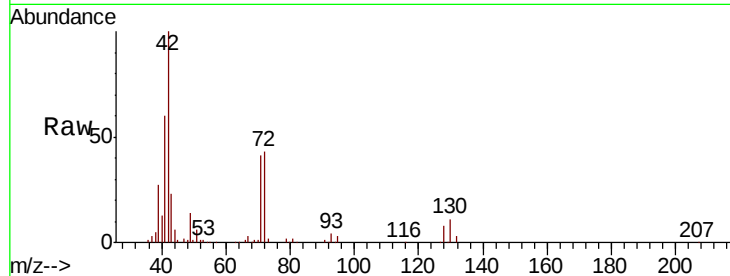




#29
Tetrahydrofuran
Concen: 105.824 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

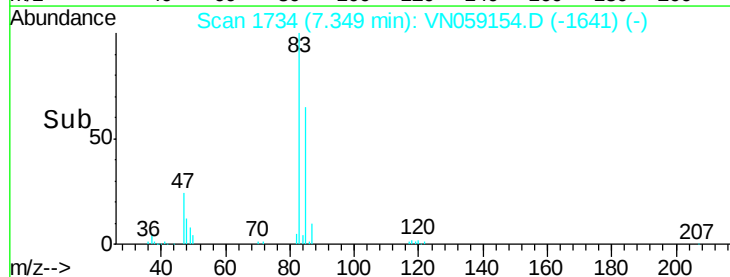
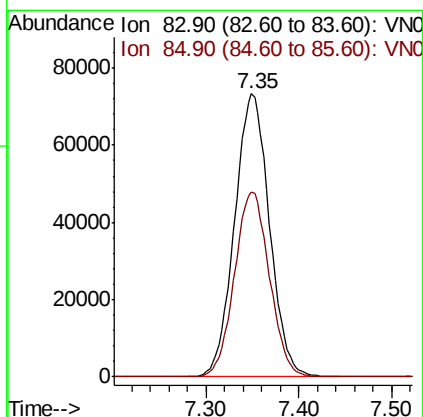
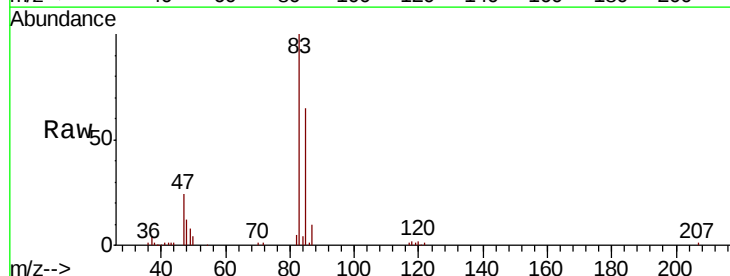
Instrument :
MSVOA_N
ClientSampled :

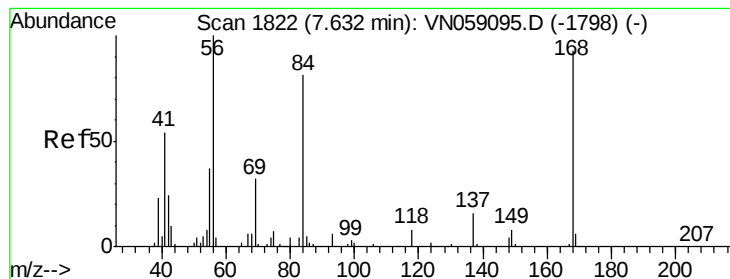
Tot Ion: 42 Resp: 264706
Ion Ratio Lower Upper
42 100
72 41.2 33.1 49.7
71 38.7 30.9 46.3



#30
Chloroform
Concen: 21.112 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 83 Resp: 191308
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8





#31

Cyclohexane

Concen: 19.404 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :
MSVOA_N
ClientSampled :

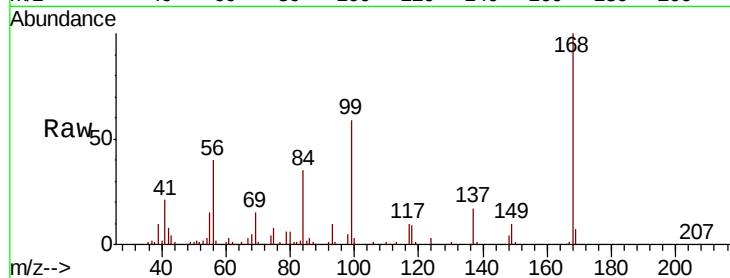
Tot Ion: 56 Resp: 173516

Ion Ratio Lower Upper

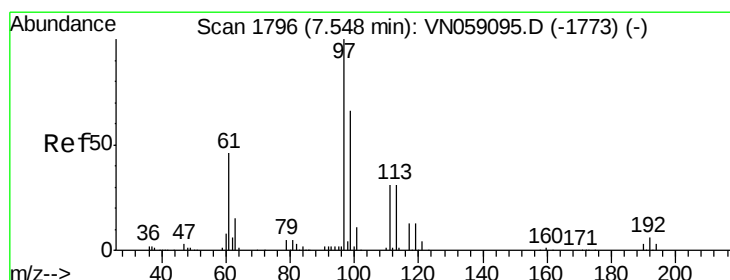
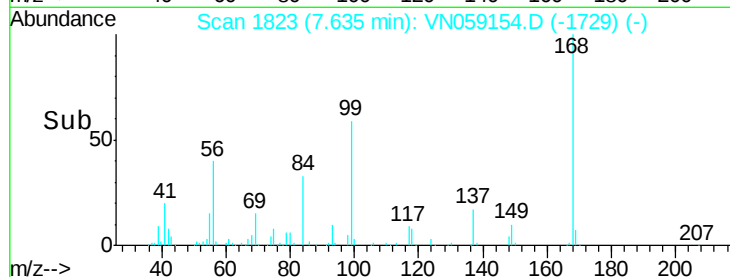
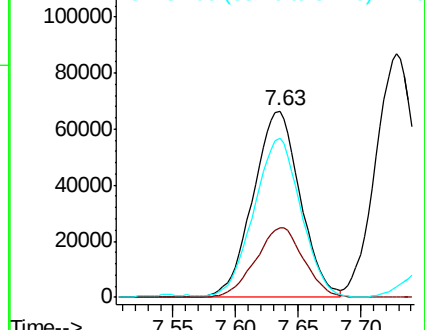
56 100

69 37.0 25.8 38.8

84 84.6 65.0 97.4



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: 21.583 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

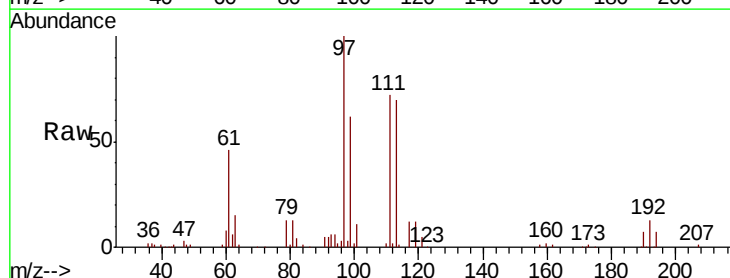
Tgt Ion: 97 Resp: 164425

Ion Ratio Lower Upper

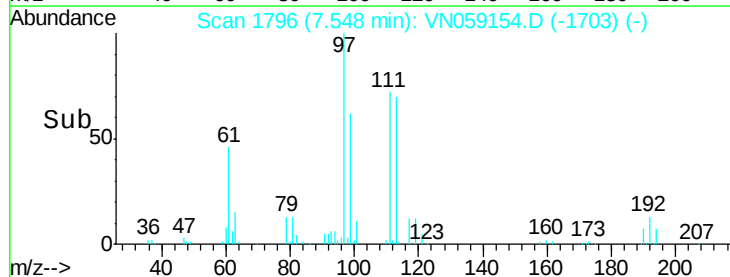
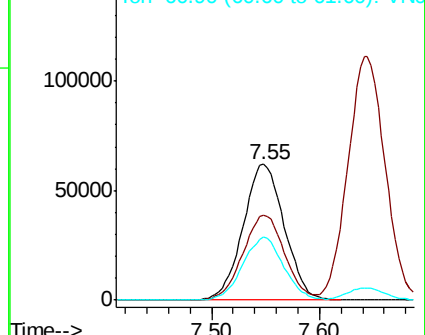
97 100

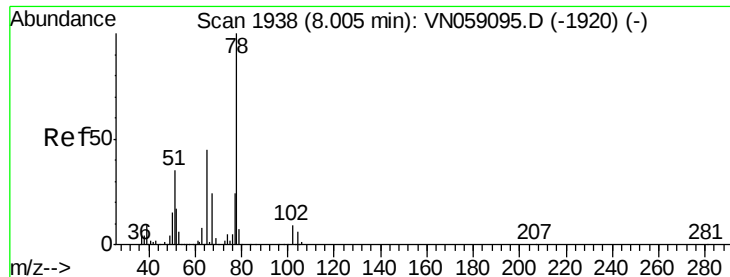
99 63.2 51.0 76.6

61 46.0 35.8 53.8



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

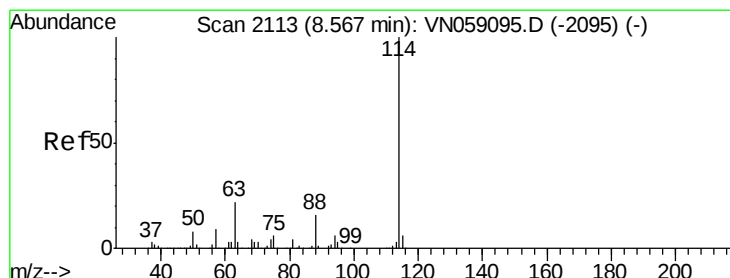
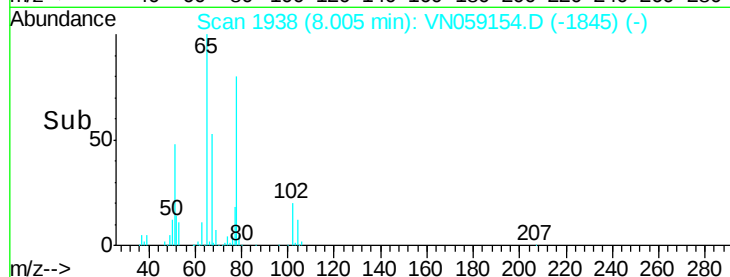
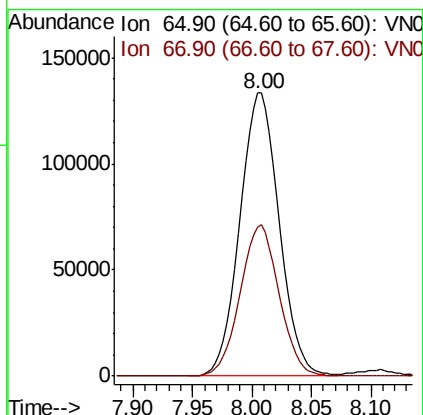
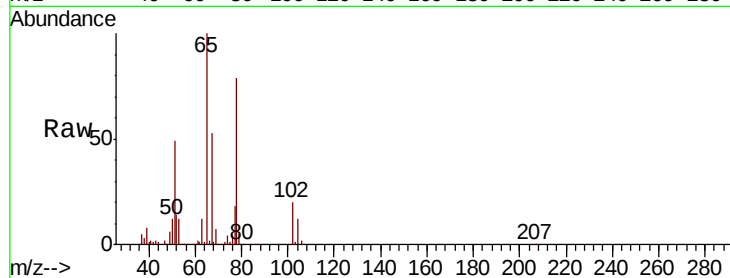




#33
 1,2-Dichloroethane-d4
 Concen: 53.202 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

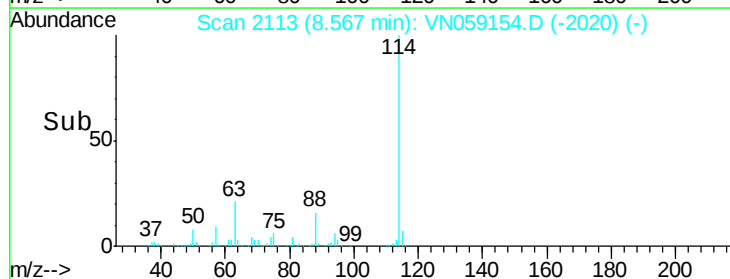
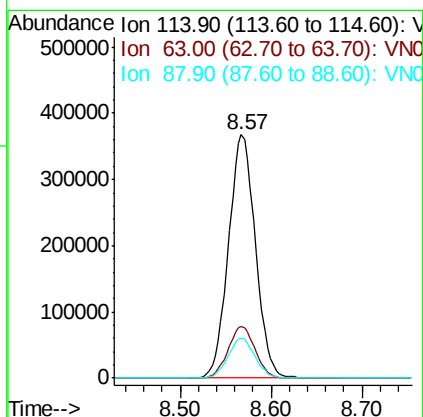
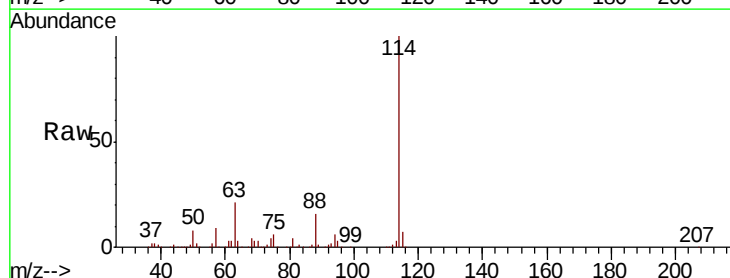
Instrument :
 MSVOA_N
 ClientSampleId :

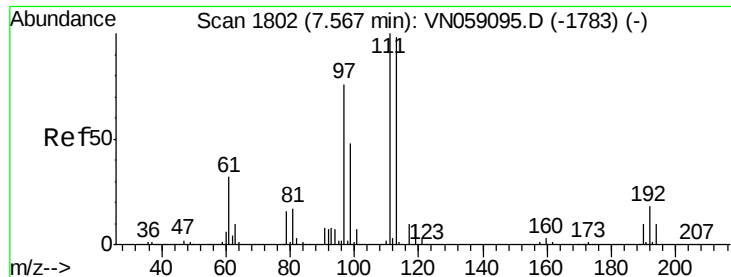
Tot Ion: 65 Resp: 305594
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

Tgt Ion: 114 Resp: 754038
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.4
 88 16.5 0.0 32.2

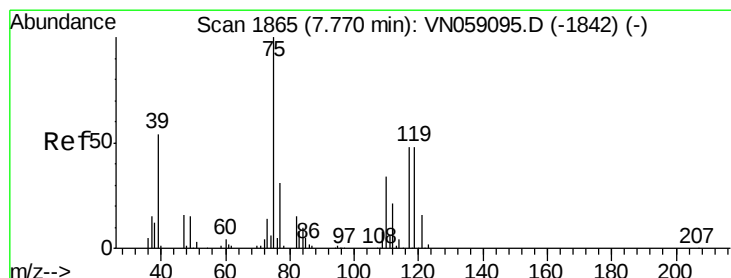
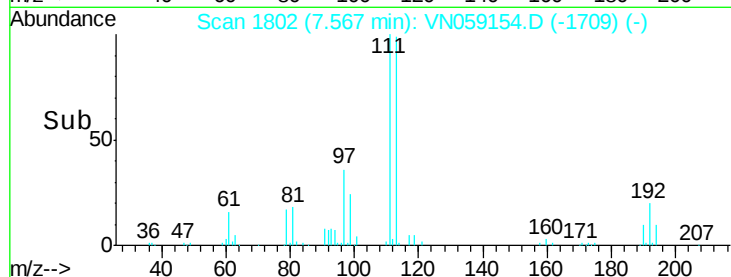
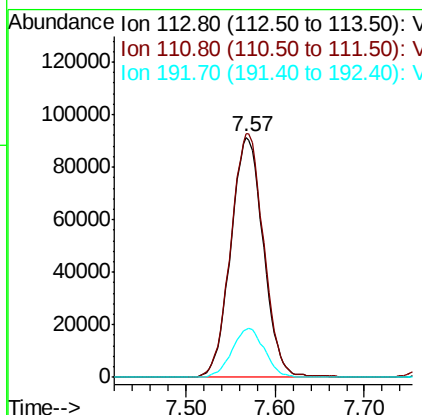
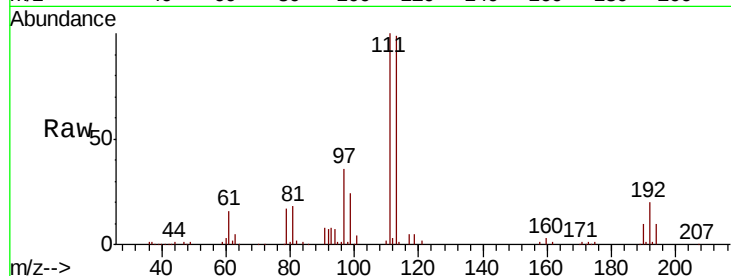




#35
Dibromofluoromethane
Concen: 51.446 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

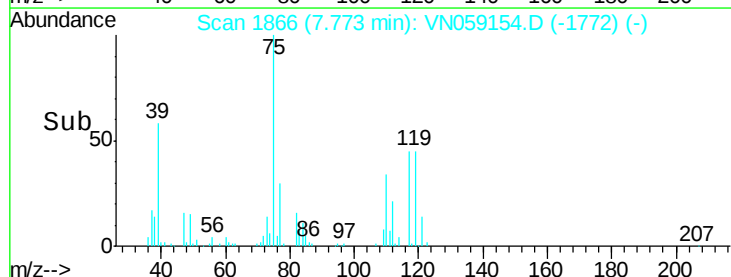
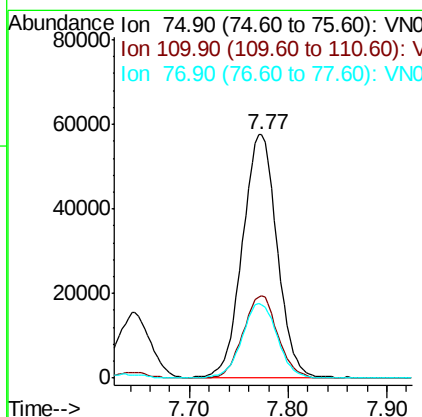
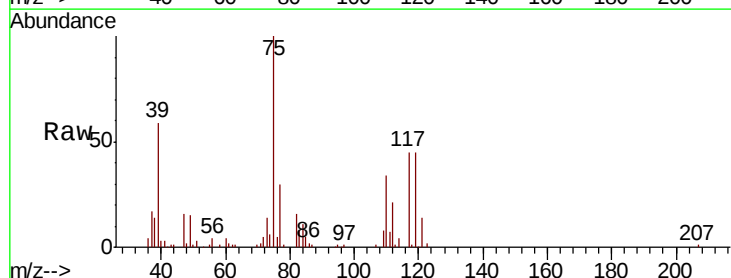
Instrument :
MSVOA_N
ClientSampleId :

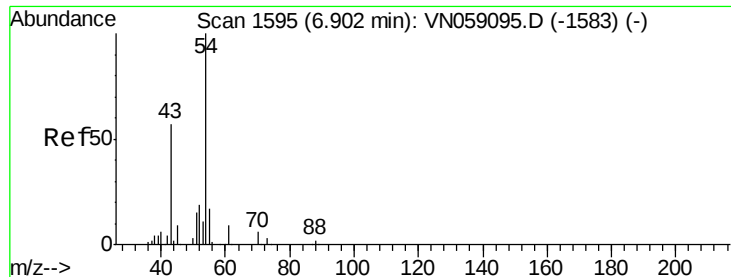
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	20.2	16.1	24.1



#36
1,1-Dichloropropene
Concen: 19.732 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.1	51.2
77	31.4	24.8	37.2

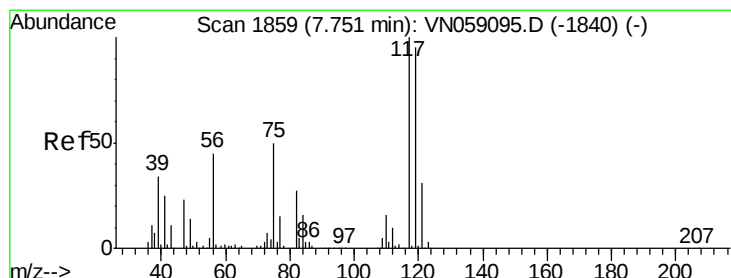
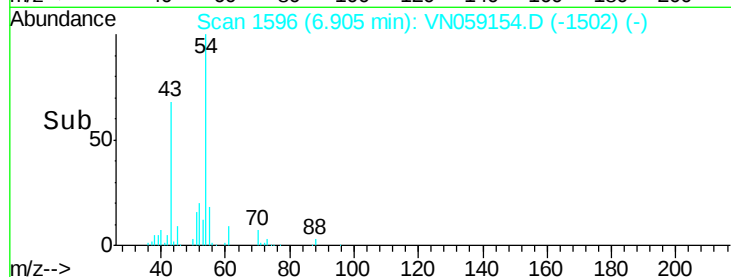
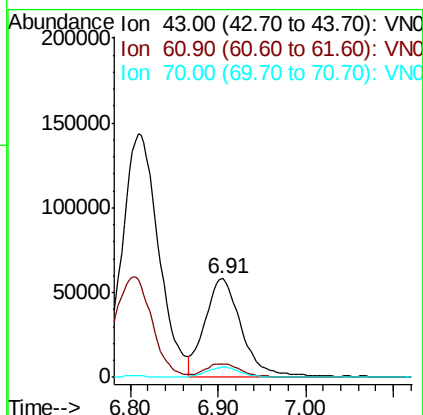
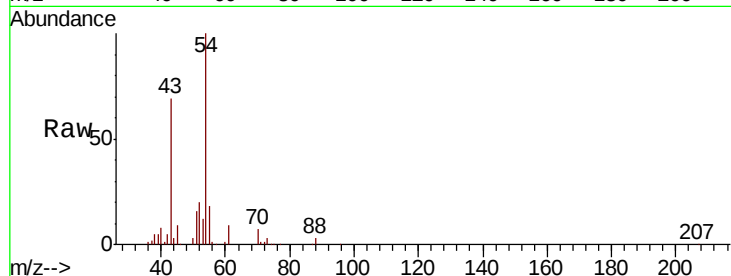




#37
Ethyl Acetate
Concen: 21.273 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

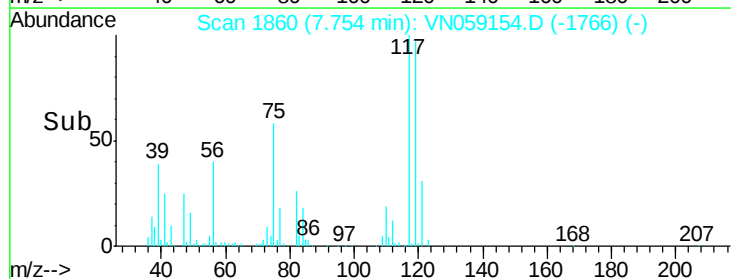
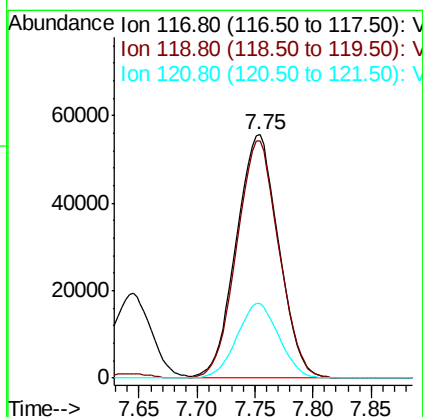
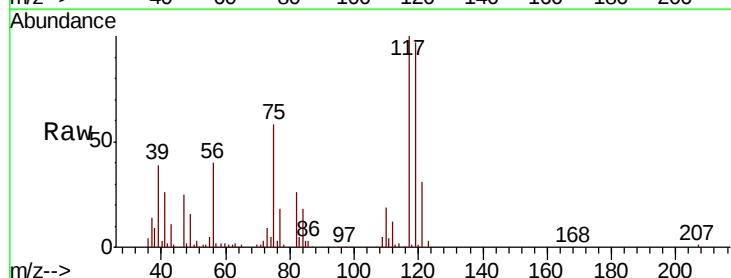
Instrument :
MSVOA_N
ClientSampleId :

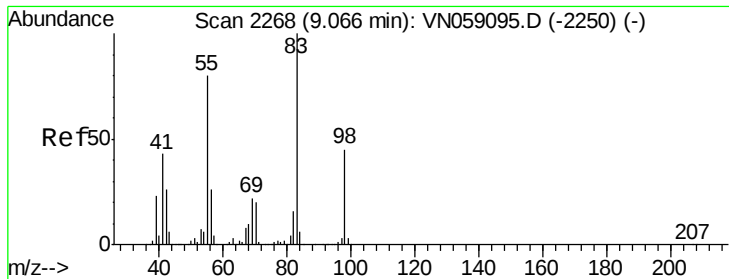
Tot Ion: 43 Resp: 166793
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.243 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 117 Resp: 142003
Ion Ratio Lower Upper
117 100
119 97.4 75.6 113.4
121 30.7 24.6 36.8

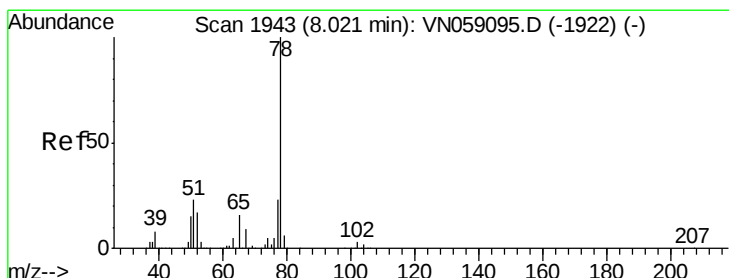
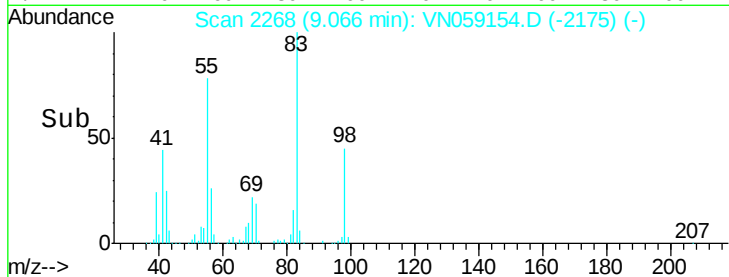
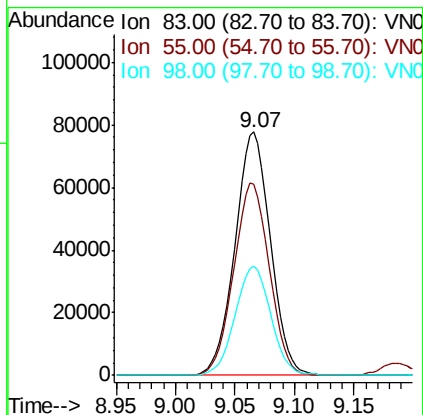
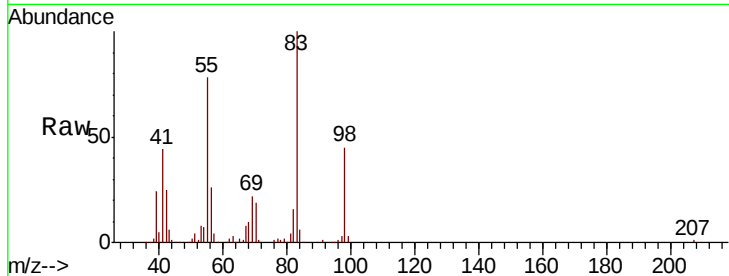




#39
Methvlcvclohexane
Concen: 19.656 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

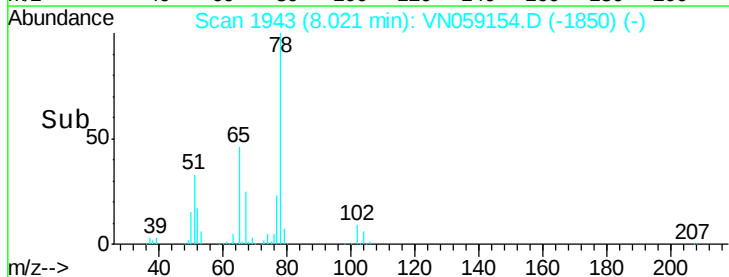
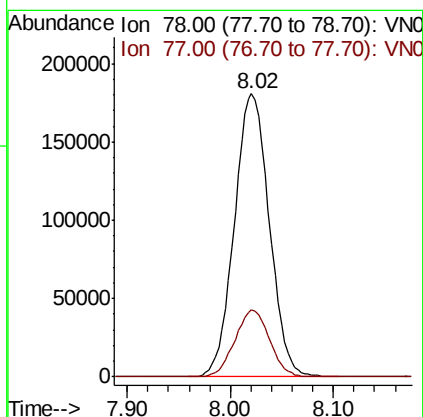
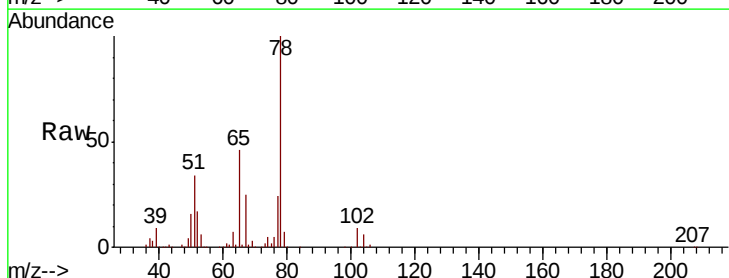
Instrument :
MSVOA_N
ClientSampled :

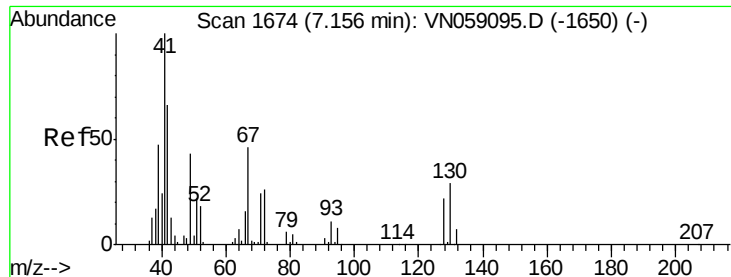
Tot Ion: 83 Resp: 160783
Ion Ratio Lower Upper
83 100
55 78.4 63.9 95.9
98 44.9 35.6 53.4



#40
Benzene
Concen: 20.080 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 78 Resp: 426175
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

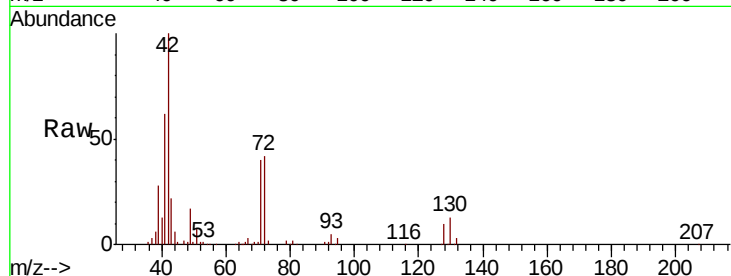




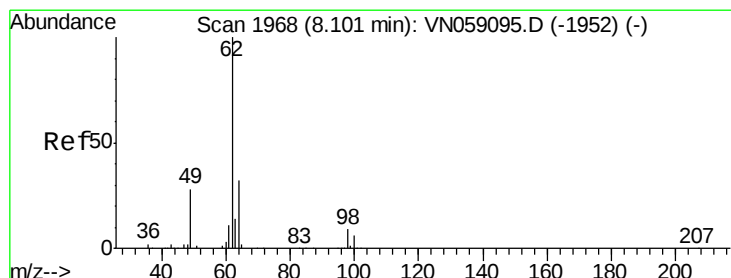
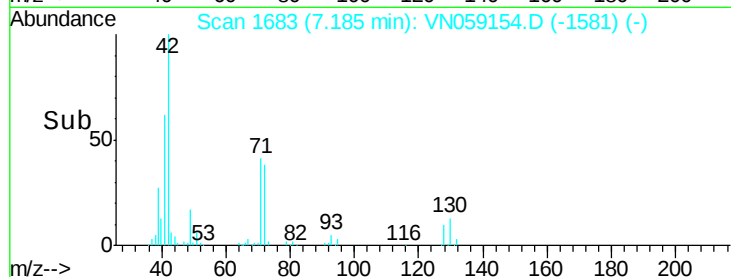
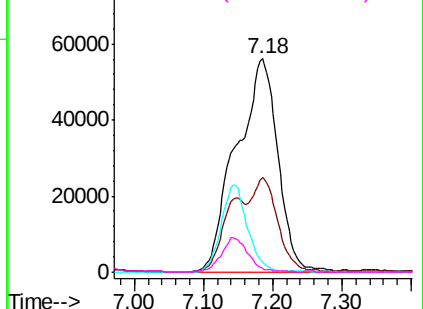
#41
Methacrylonitrile
Concen: 68.666 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	234117
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

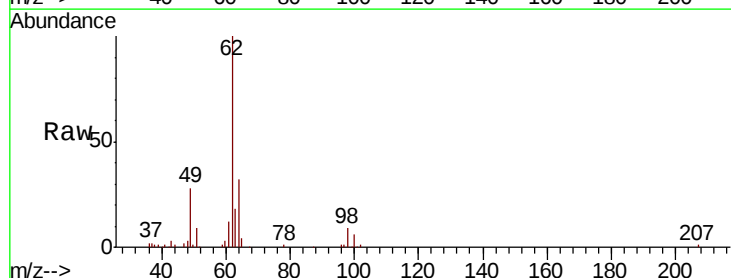


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

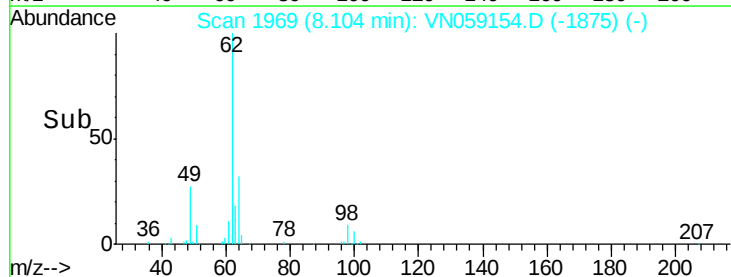
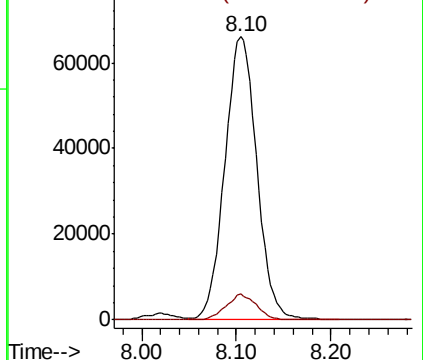


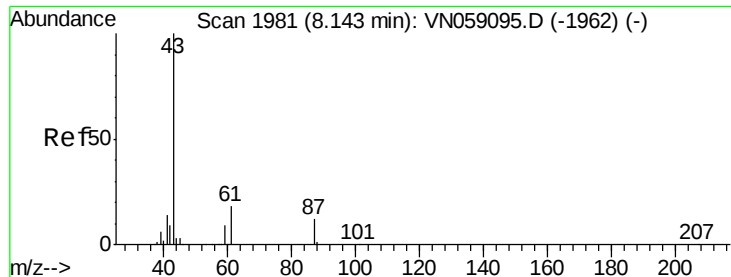
#42
1,2-Dichloroethane
Concen: 21.341 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion:	62	Resp:	155348
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8



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

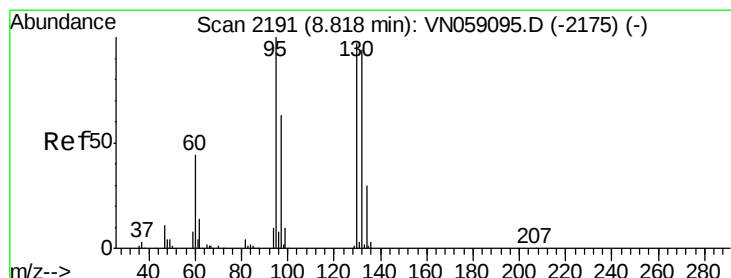
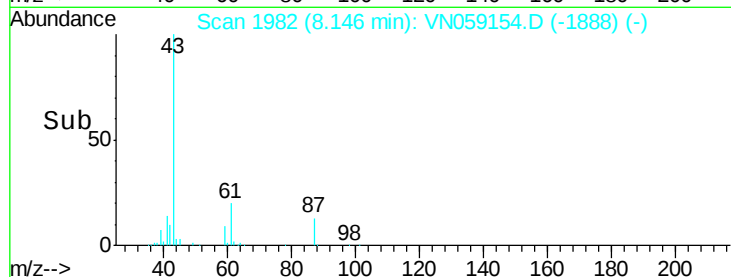
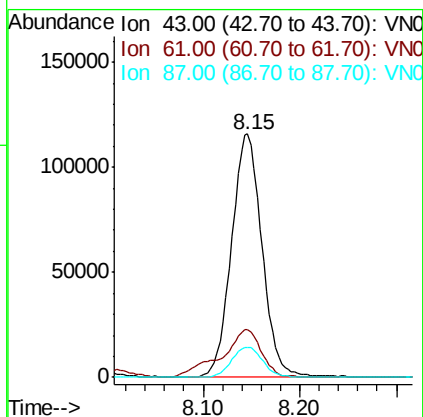
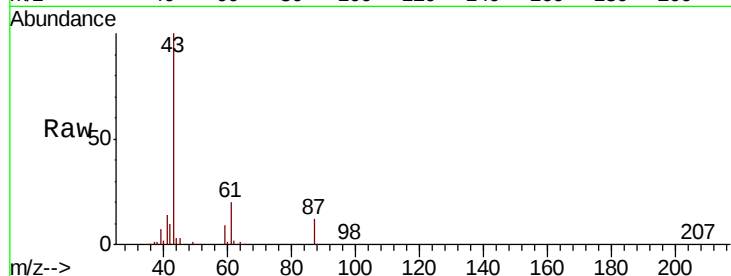




#43
Isopropyl Acetate
Concen: 20.156 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

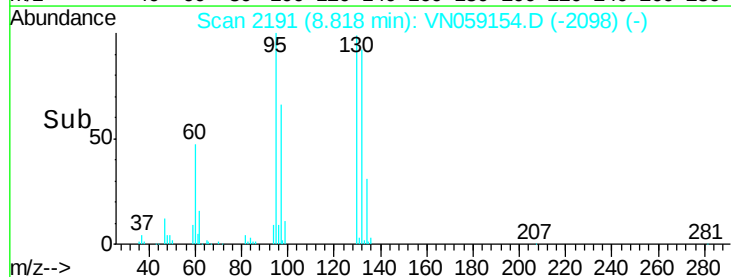
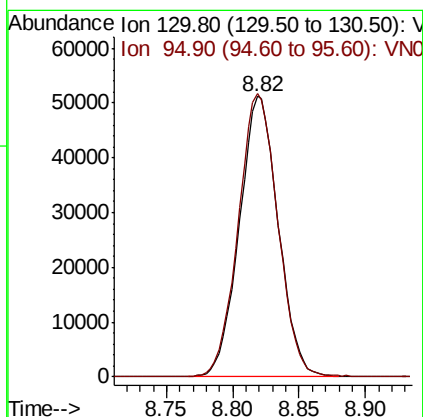
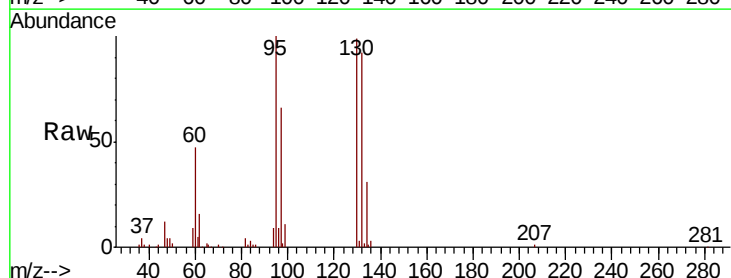
Instrument :
MSVOA_N
ClientSampled :

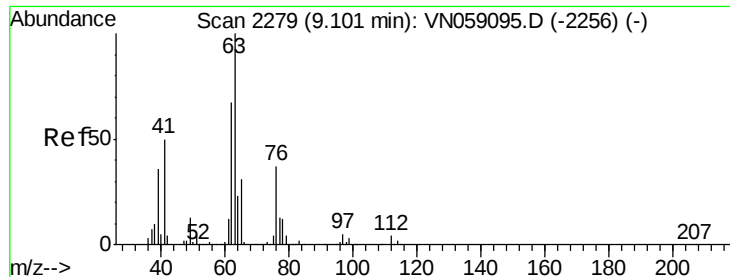
Tot Ion: 43 Resp: 251951
Ion Ratio Lower Upper
43 100
61 25.6 21.0 31.6
87 12.8 9.8 14.6



#44
Trichloroethene
Concen: 19.953 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion:130 Resp: 104101
Ion Ratio Lower Upper
130 100
95 100.8 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.093 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

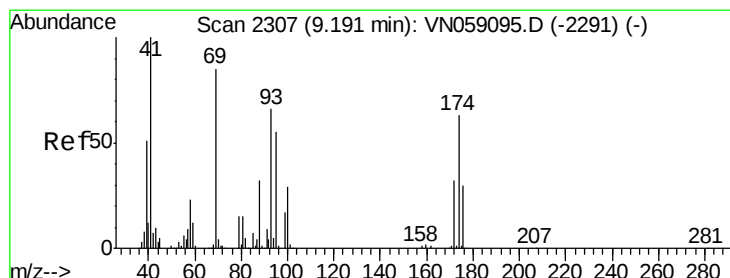
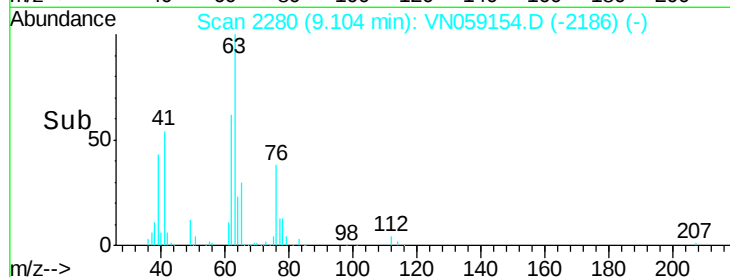
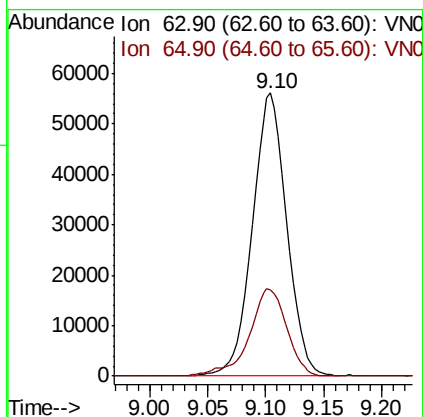
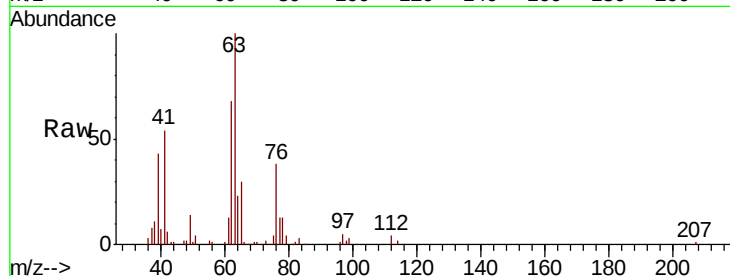
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 115834

Ion Ratio Lower Upper

63 100

65 30.5 24.6 37.0



#46

Dibromomethane

Concen: 19.877 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

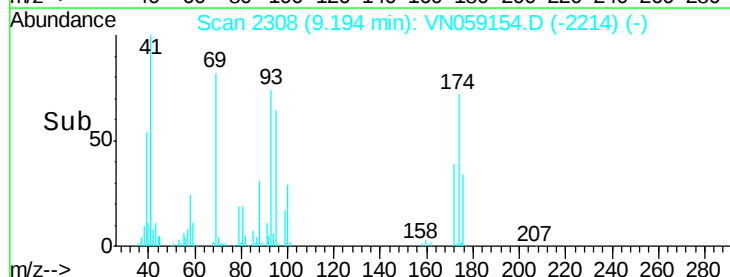
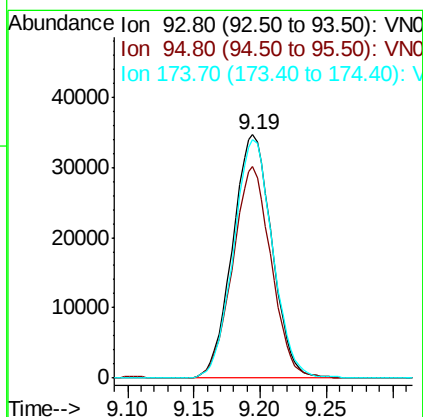
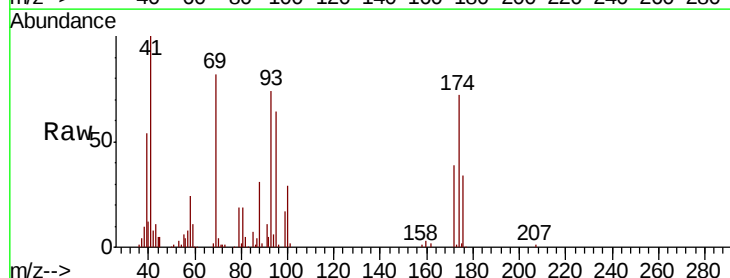
Tgt Ion: 93 Resp: 71407

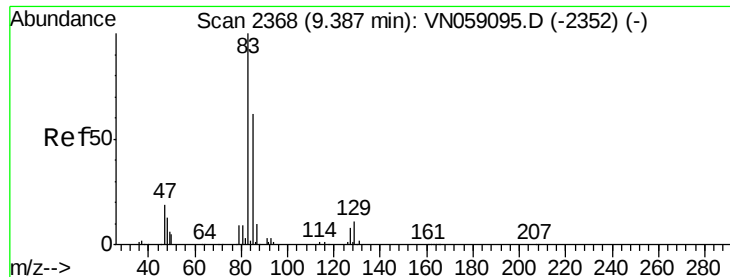
Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

174 97.4 78.2 117.2





#47

Bromodichloromethane

Concen: 20.765 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :
MSVOA_N
ClientSampleId :

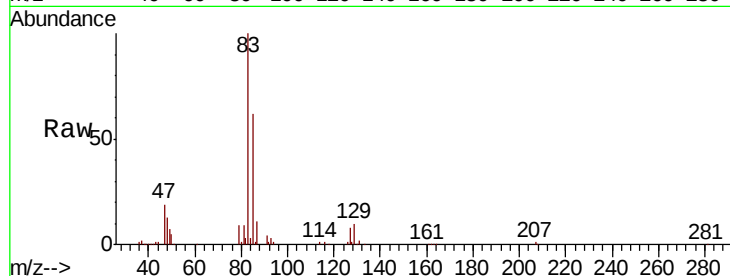
Tot Ion: 83 Resp: 148952

Ion Ratio Lower Upper

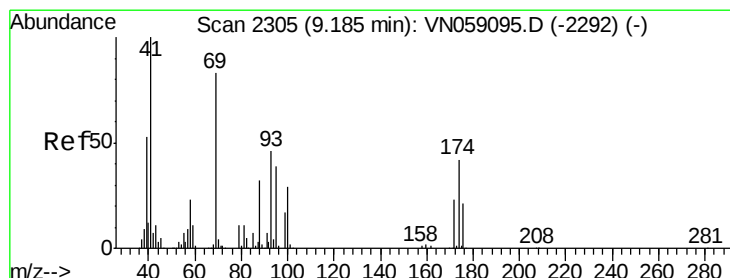
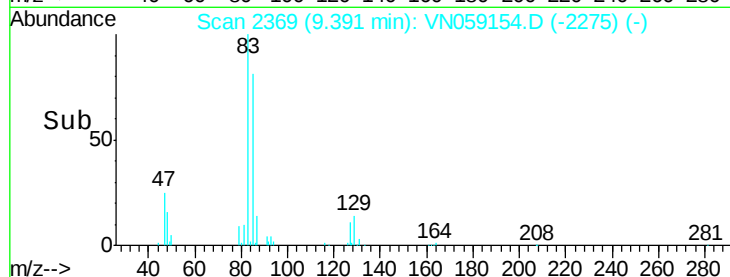
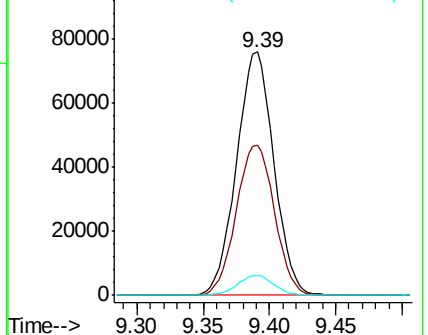
83 100

85 61.6 49.7 74.5

127 8.2 6.4 9.6



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



#48

Methyl methacrylate

Concen: 20.305 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

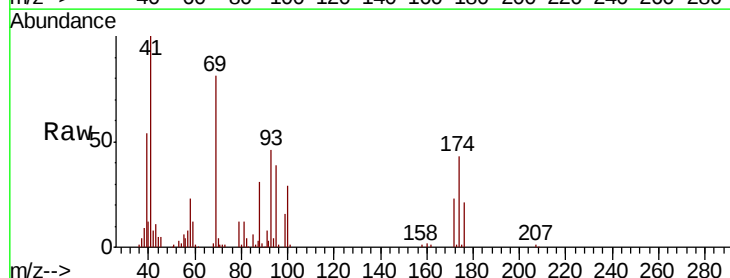
Tgt Ion: 41 Resp: 113530

Ion Ratio Lower Upper

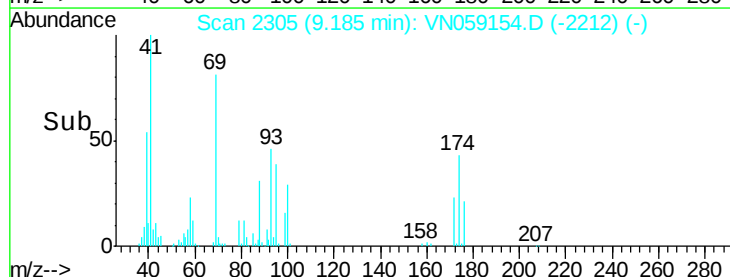
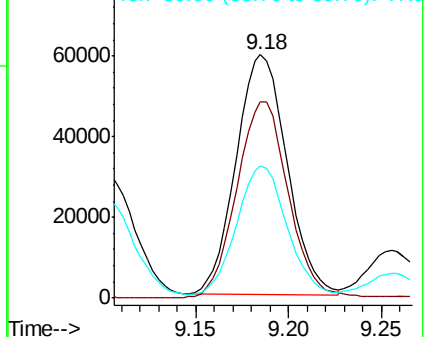
41 100

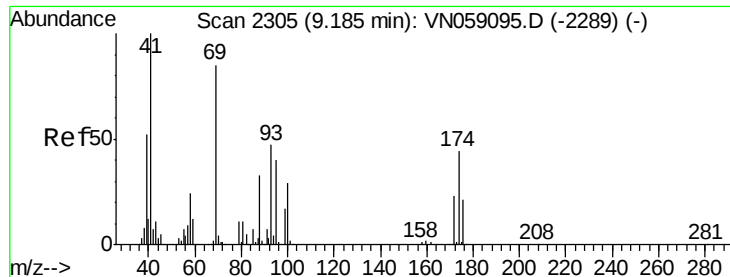
69 83.4 67.3 100.9

39 55.6 43.3 64.9



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

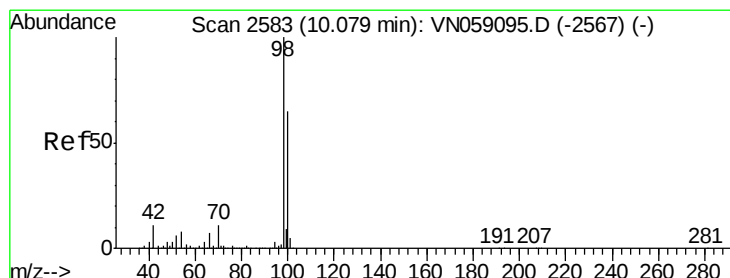
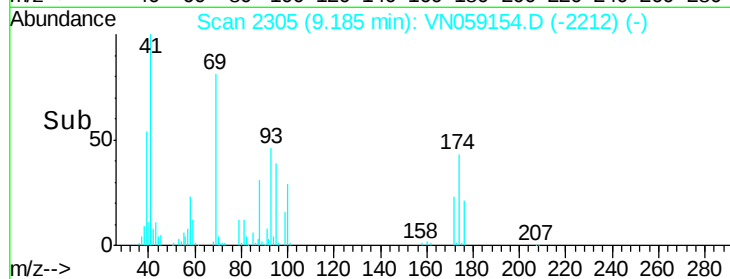
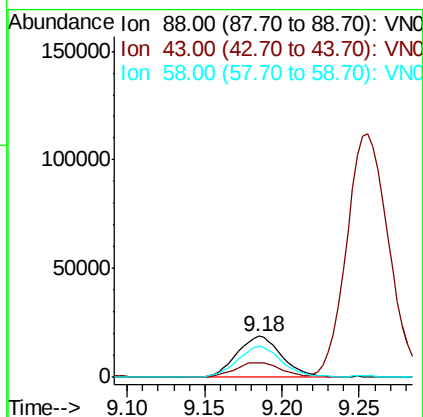
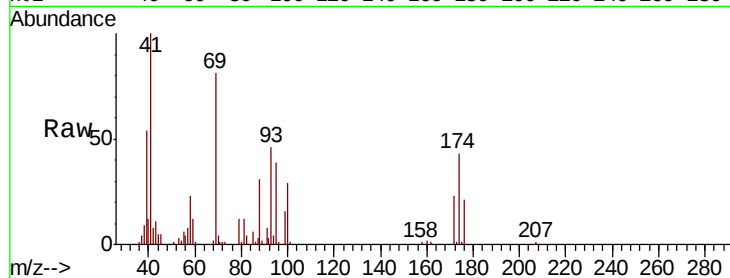




#49
1,4-Dioxane
Concen: 387.208 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

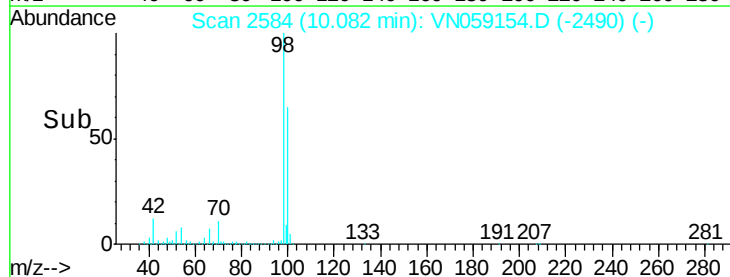
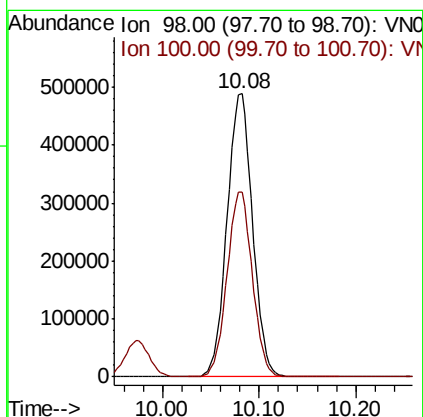
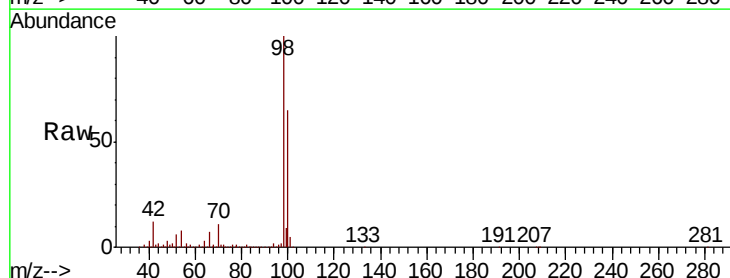
Instrument :
MSVOA_N
ClientSampled :

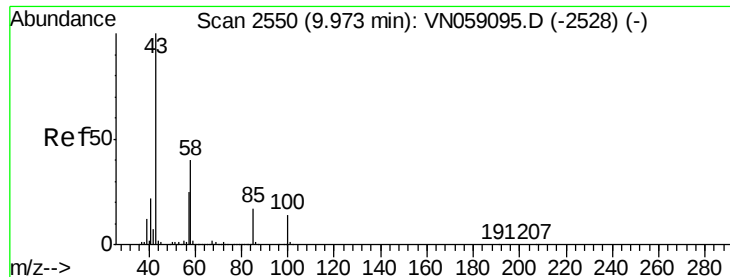
Tot Ion: 88 Resp: 38475
Ion Ratio Lower Upper
88 100
43 37.1 26.3 39.5
58 74.9 60.6 90.8



#50
Toluene-d8
Concen: 50.466 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 98 Resp: 894977
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 113.505 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

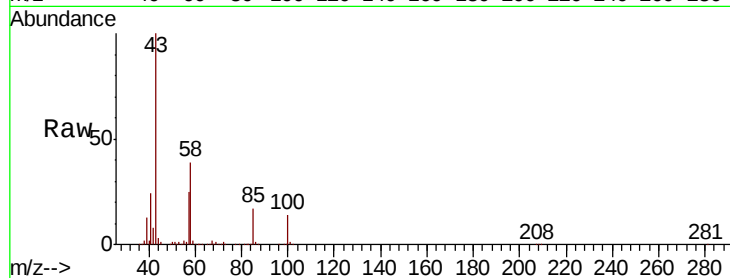
ClientSampled :

Tot Ion: 43 Resp: 802810

Ion Ratio Lower Upper

43 100

58 38.4 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)

9.97

500000

400000

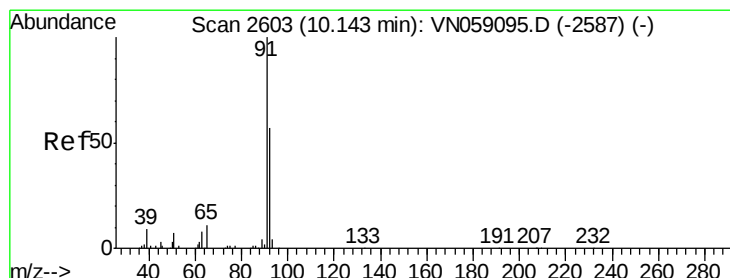
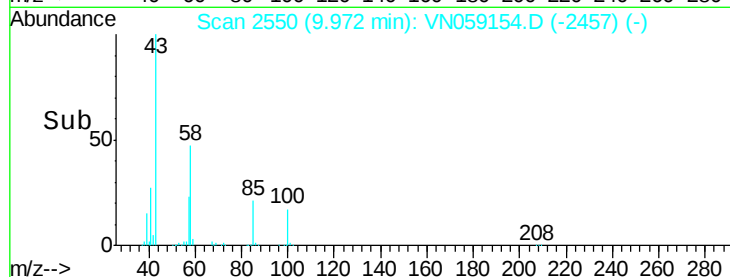
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.393 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059154.D

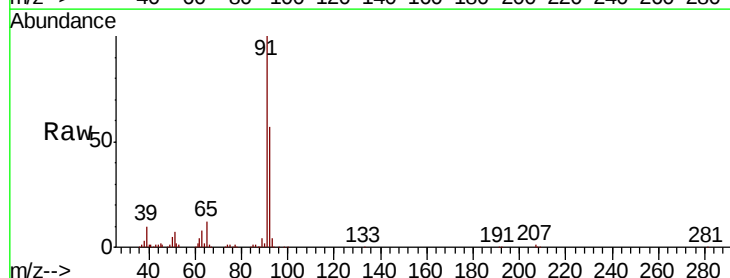
Acq: 11 Nov 2019 12:41

Tgt Ion: 92 Resp: 259418

Ion Ratio Lower Upper

92 100

91 173.7 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)

10.14

250000

200000

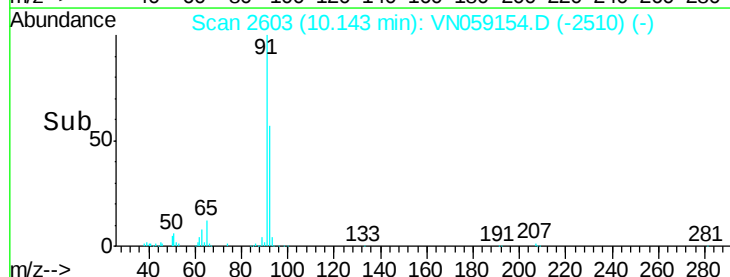
150000

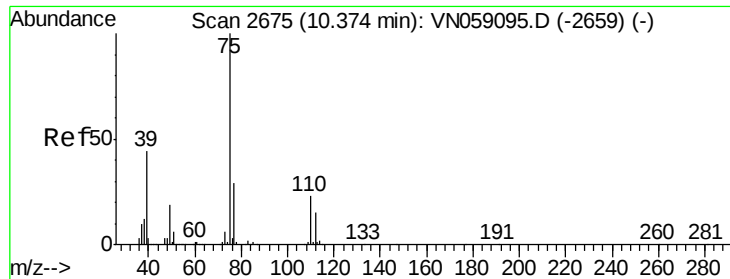
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.123 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

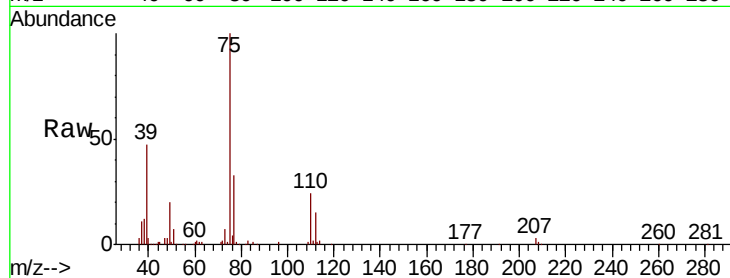
ClientSampleId :

Tot Ion: 75 Resp: 166774

Ion Ratio Lower Upper

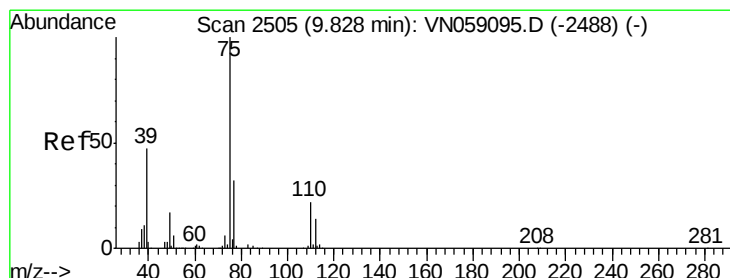
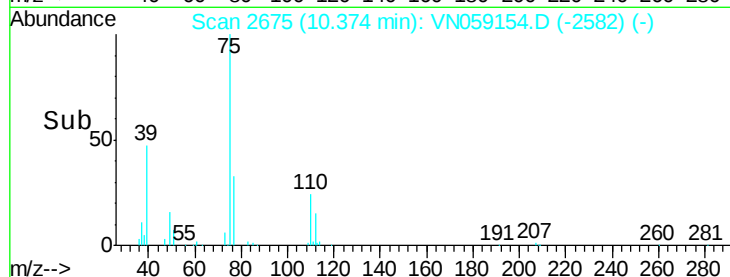
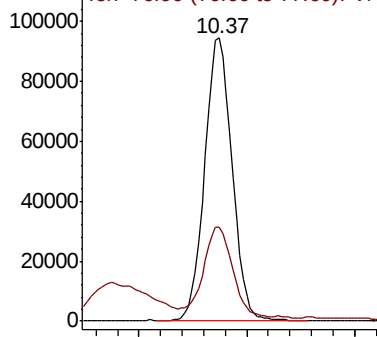
75 100

77 32.0 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.318 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

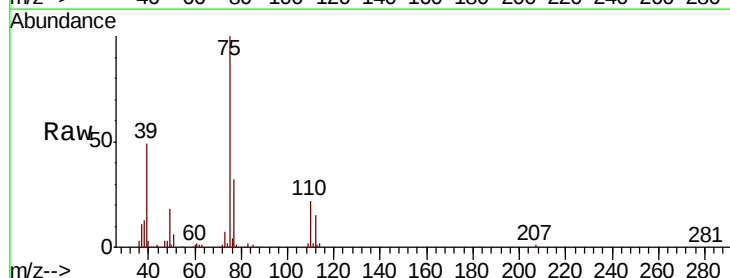
Tgt Ion: 75 Resp: 181129

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

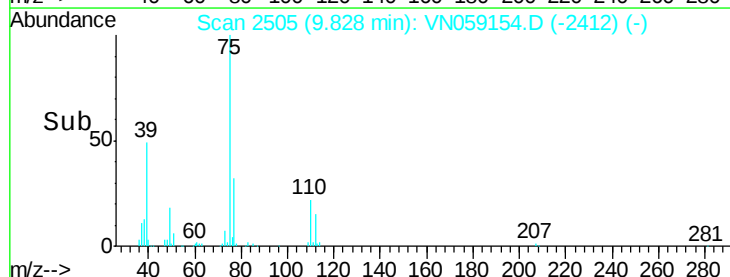
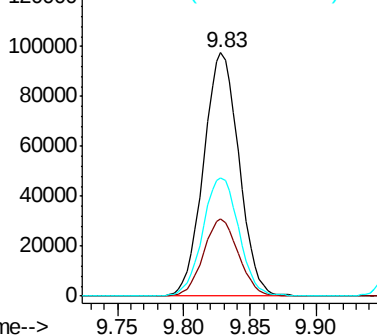
39 48.6 37.3 55.9

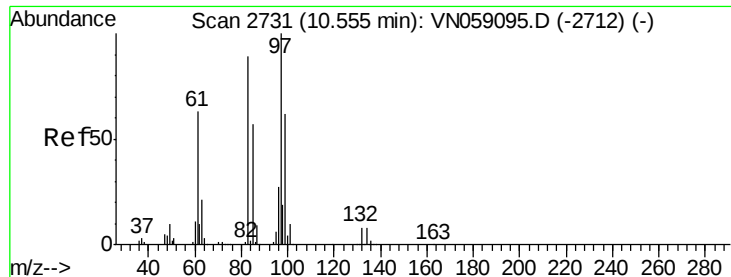


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

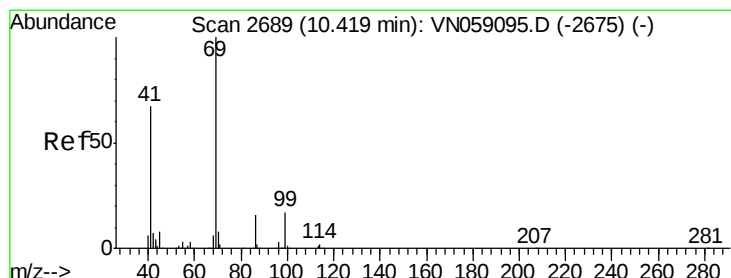
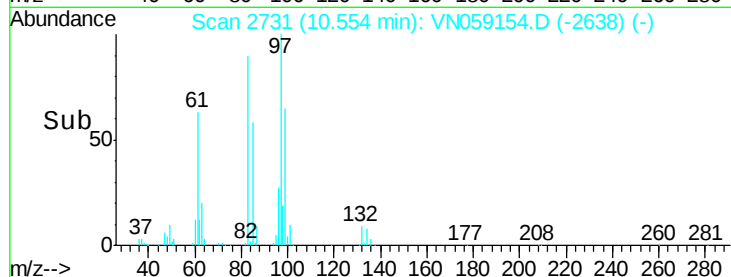
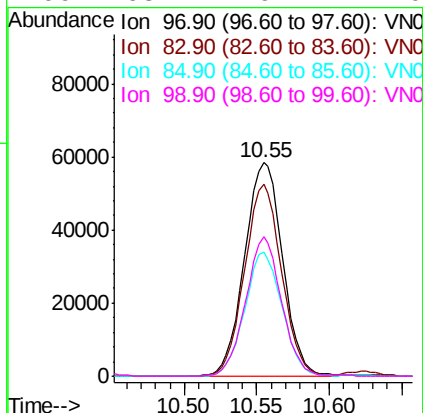
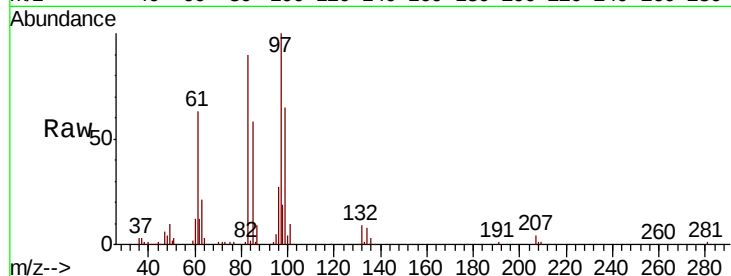




#55
 1,1,2-Trichloroethane
 Concen: 20.803 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

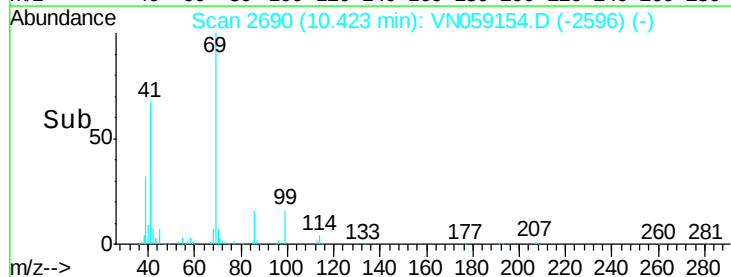
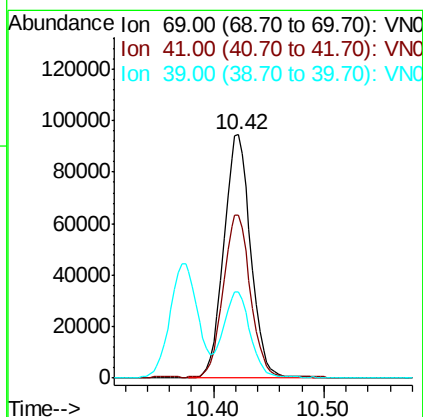
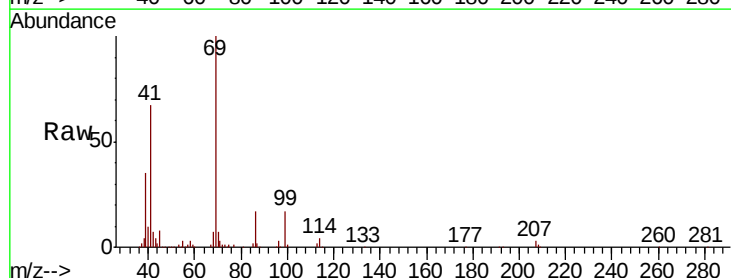
Instrument :
 MSVOA_N
 ClientSampleId :

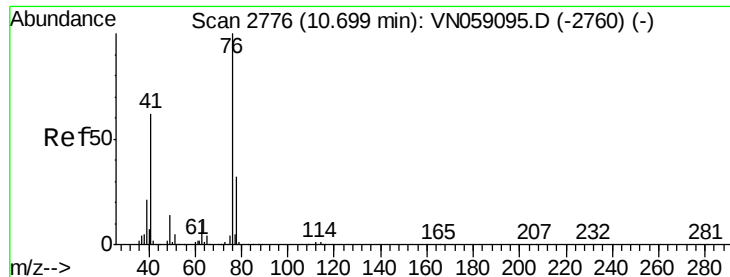
Tot Ion:	97	Resp:	107100
Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.0	106.4
85	57.9	45.8	68.8
99	65.1	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.828 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

Tgt Ion:	69	Resp:	160176
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.6	80.4
39	35.4	26.2	39.4





#57

1,3-Dichloropropane

Concen: 20.699 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

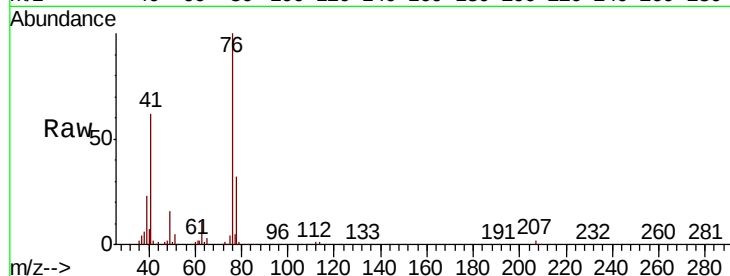
ClientSampleId :

Tot Ion: 76 Resp: 183411

Ion Ratio Lower Upper

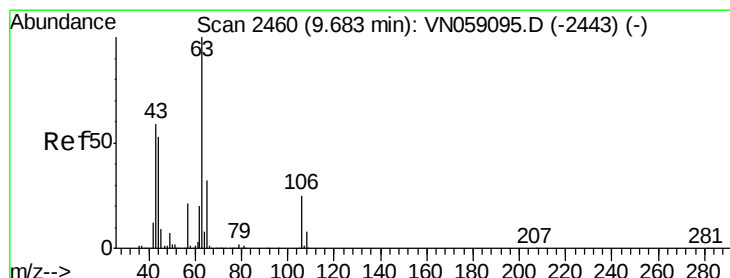
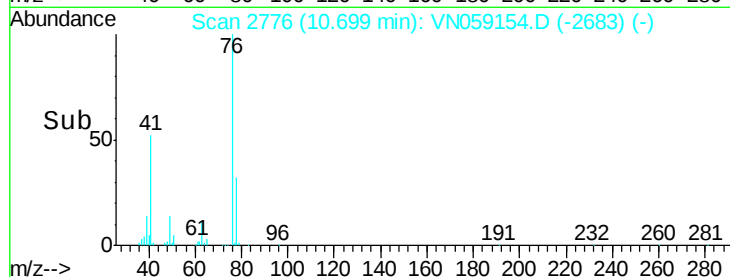
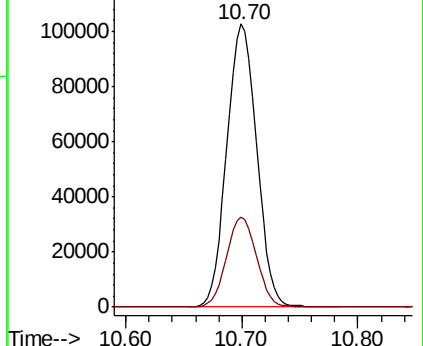
76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 106.273 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059154.D

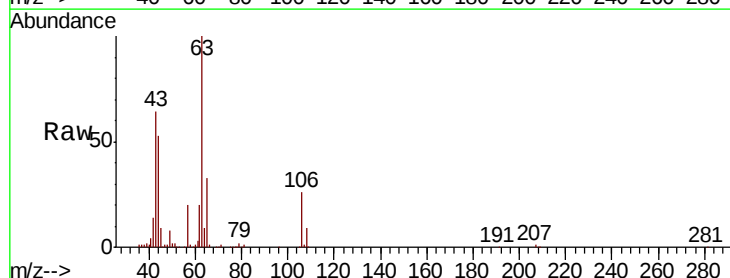
Acq: 11 Nov 2019 12:41

Tgt Ion: 63 Resp: 304493

Ion Ratio Lower Upper

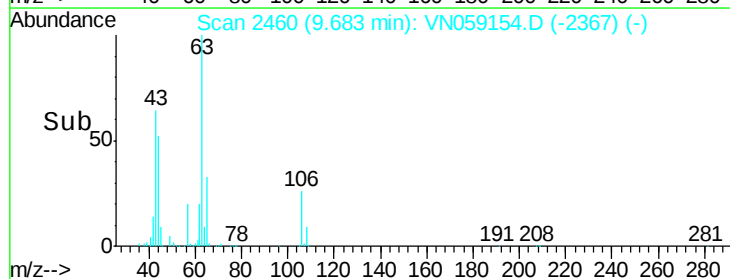
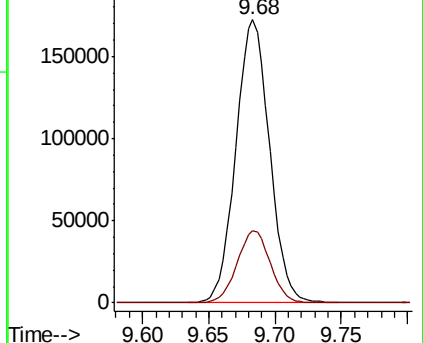
63 100

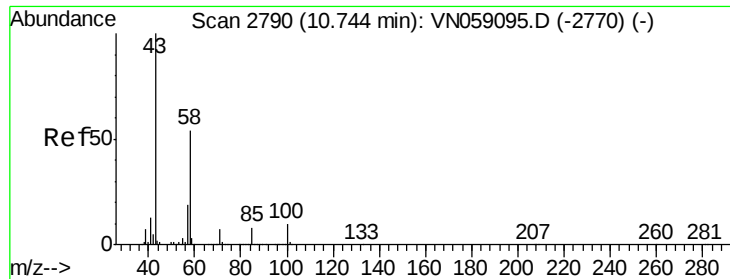
106 25.4 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

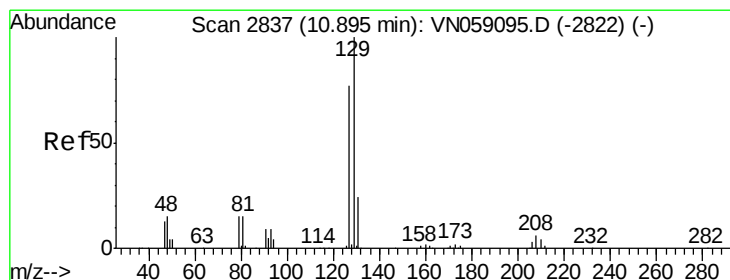
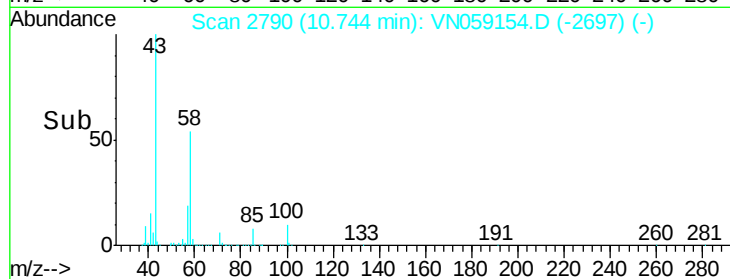
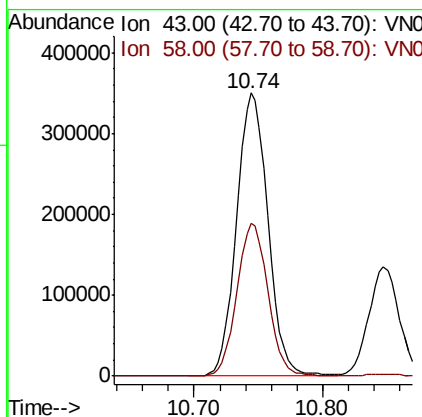
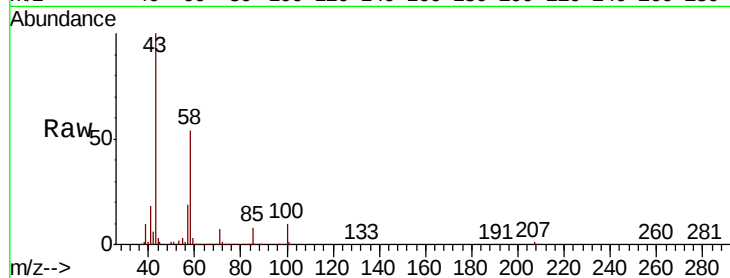




#59
2-Hexanone
Concen: 109.055 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

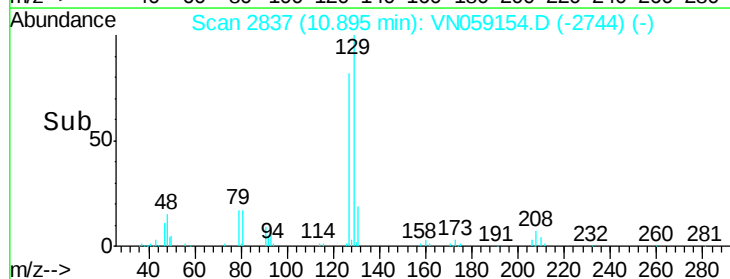
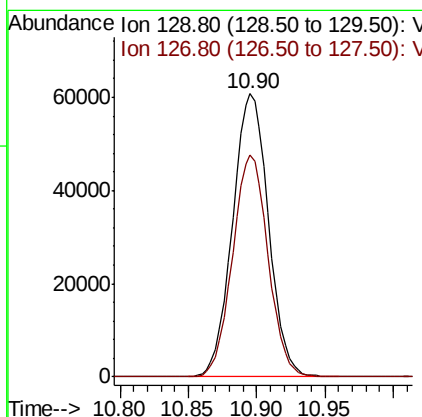
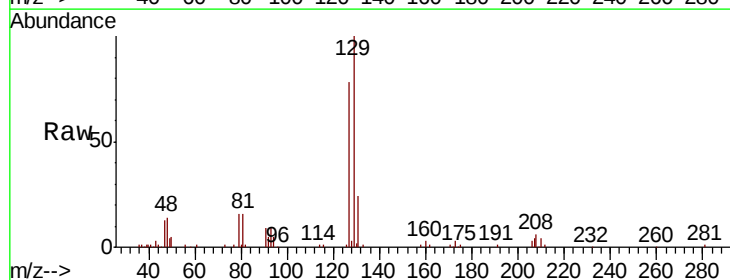
Instrument :
MSVOA_N
ClientSampleId :

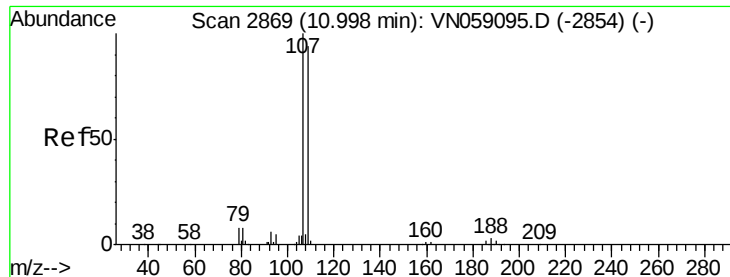
Tot Ion: 43 Resp: 592036
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8



#60
Dibromochloromethane
Concen: 20.396 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 129 Resp: 111022
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8

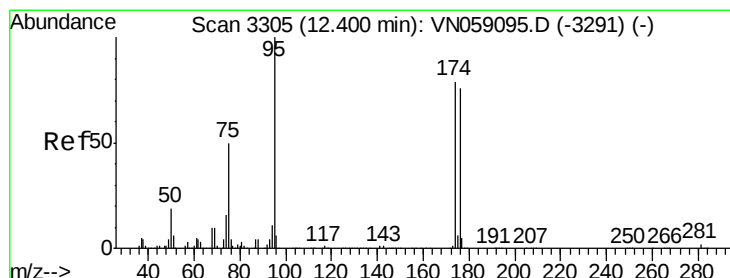
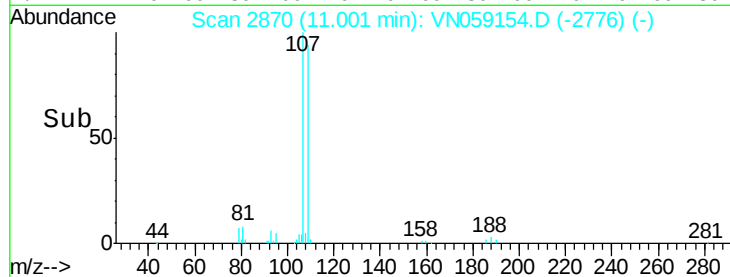
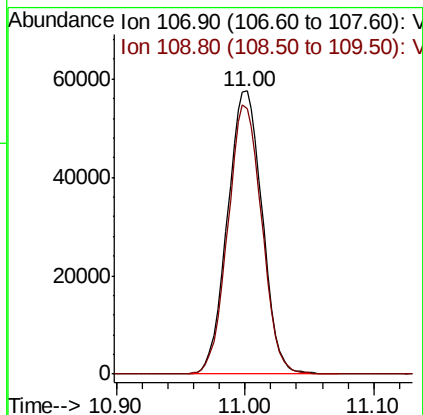
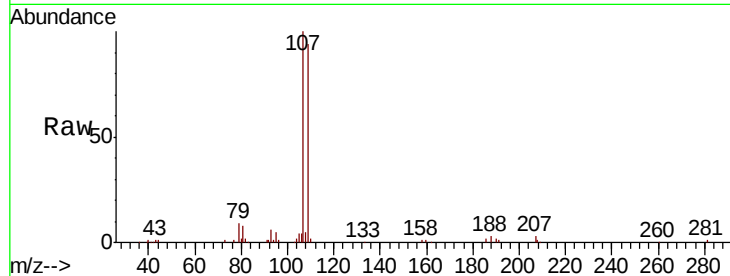




#61
 1,2-Dibromoethane
 Concen: 20.652 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

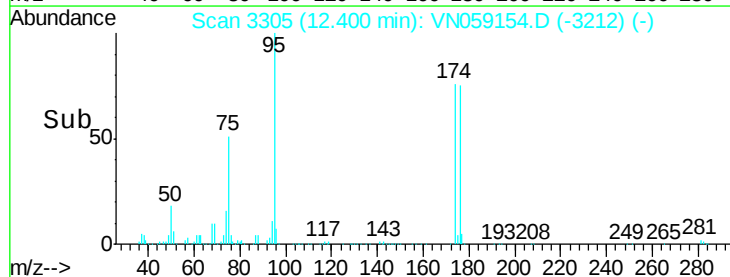
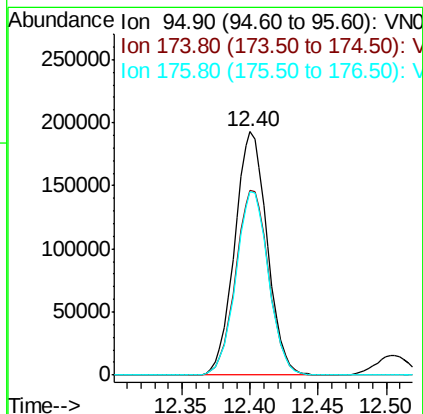
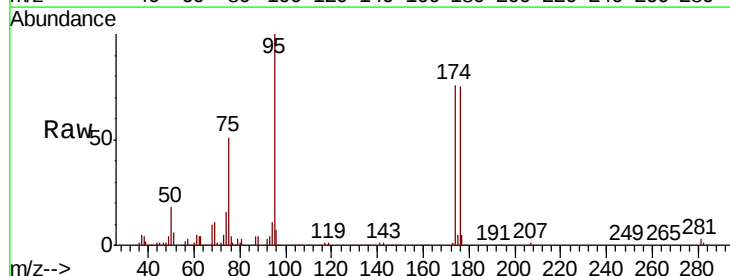
Instrument :
 MSVOA_N
 ClientSampleId :

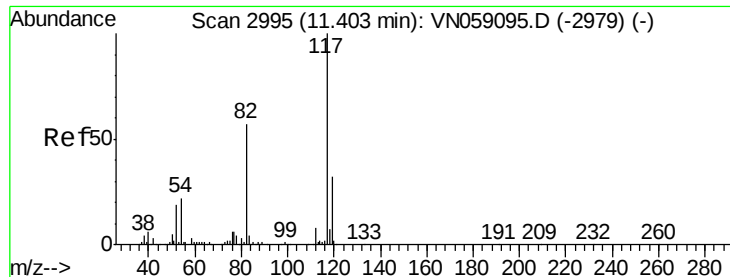
Tot Ion: 107 Resp: 107635
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 49.858 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

Tgt Ion: 95 Resp: 318808
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 158.2
 176 75.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

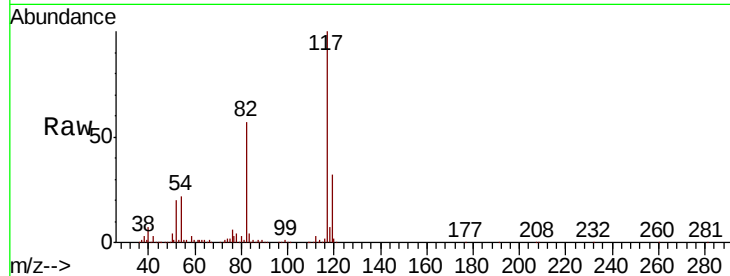
Tot Ion:117 Resp: 680492

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.8

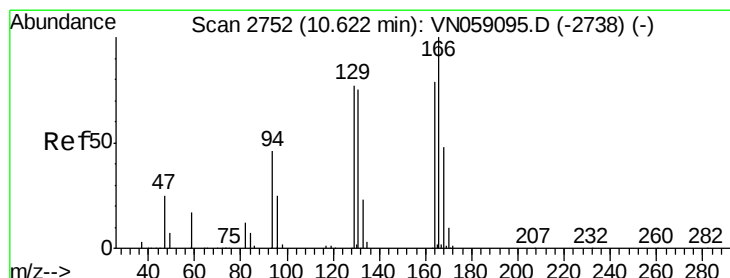
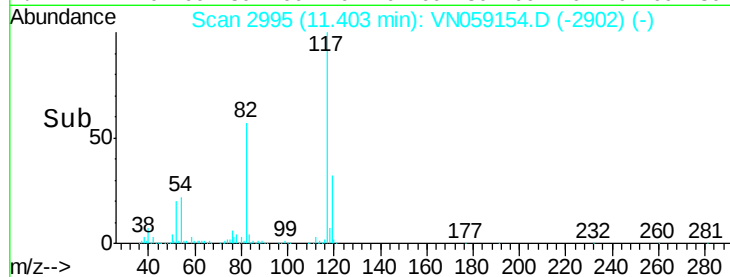
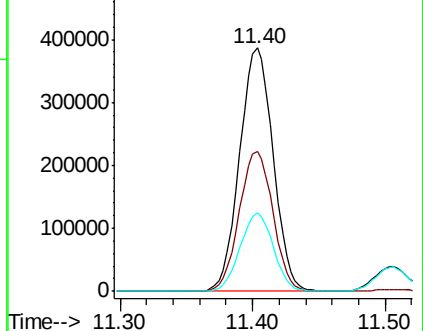
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.345 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Tgt Ion:164 Resp: 89516

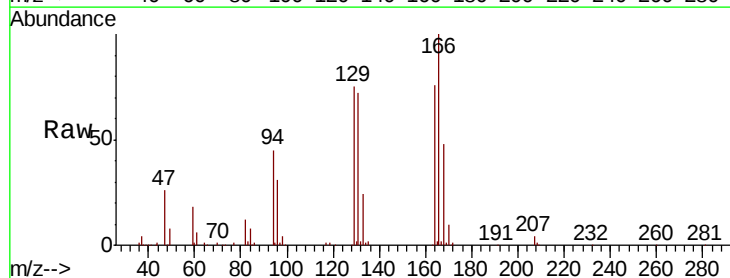
Ion Ratio Lower Upper

164 100

166 131.2 101.5 152.3

129 98.5 78.3 117.5

131 94.4 75.9 113.9

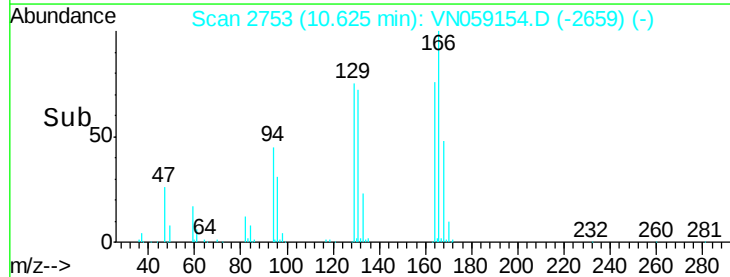
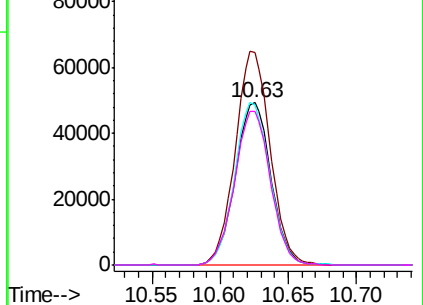


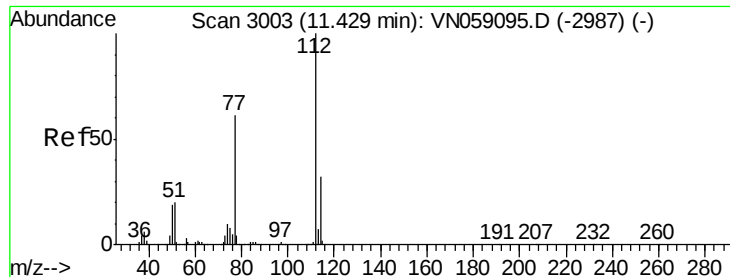
Abundance Ion 163.80 (163.50 to 164.50): V

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

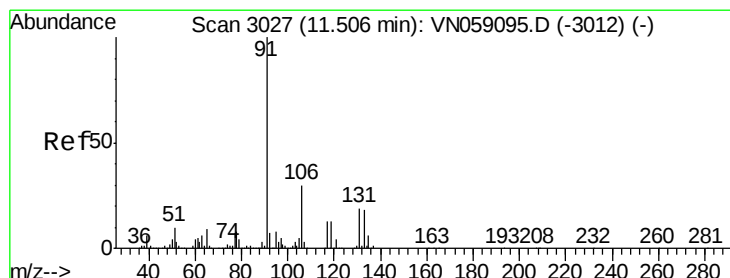
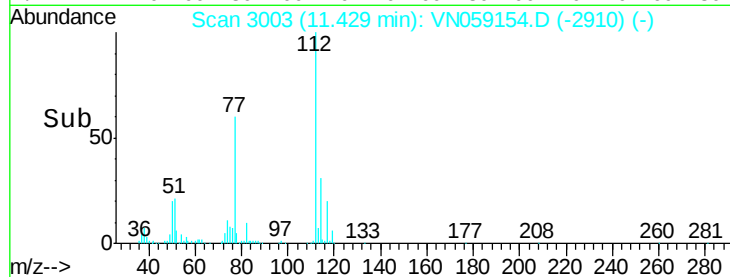
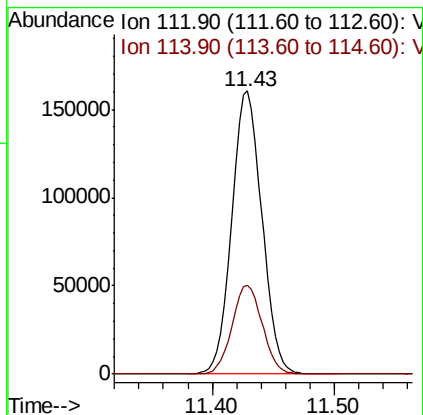
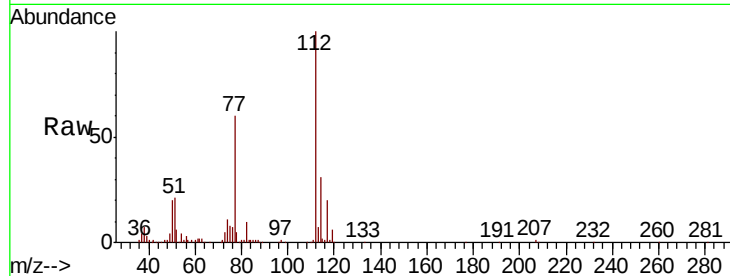




#65
Chlorobenzene
Concen: 20.788 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

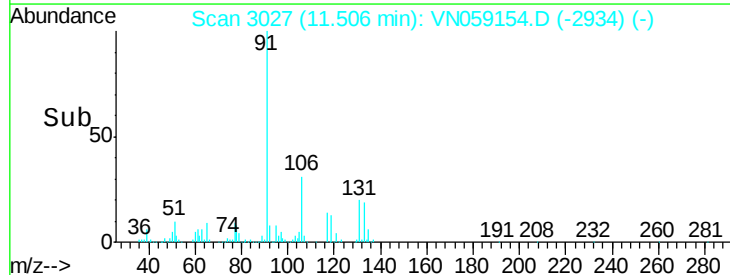
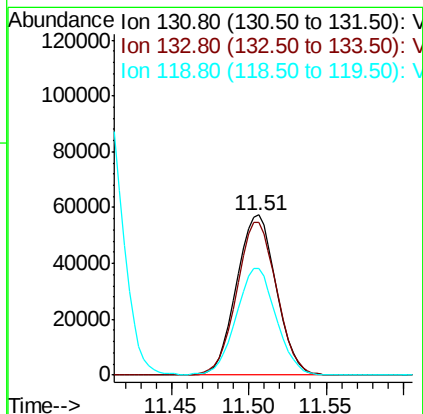
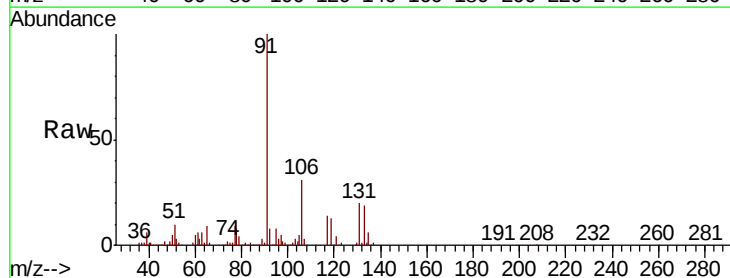
Instrument :
MSVOA_N
ClientSampleId :

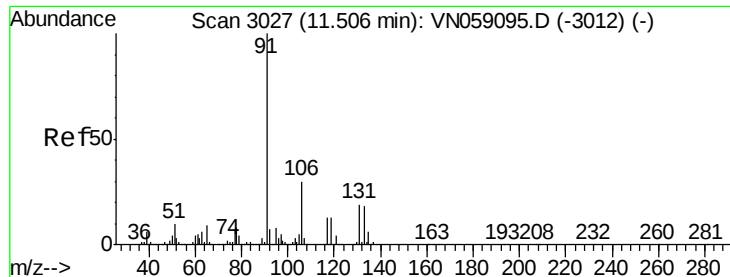
Tot Ion:112 Resp: 275765
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.580 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion:131 Resp: 102409
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 66.8 33.2 99.6





#67

Ethyl Benzene

Concen: 20.849 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

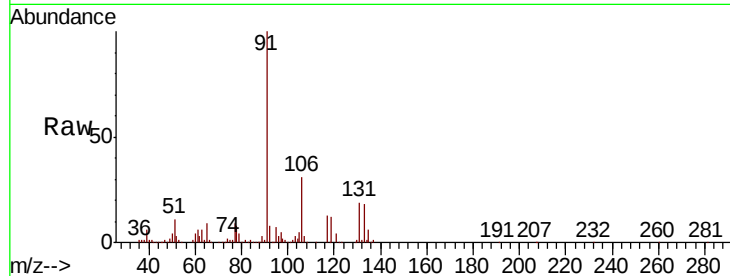
ClientSampled :

Tot Ion: 91 Resp: 490706

Ion Ratio Lower Upper

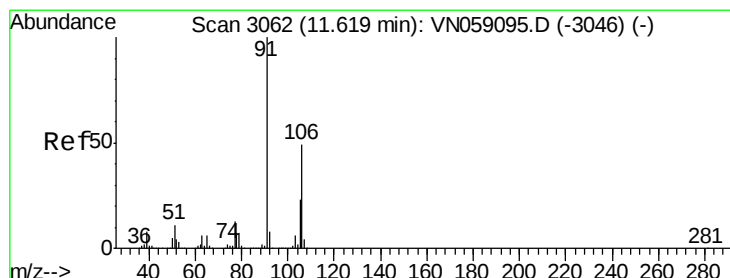
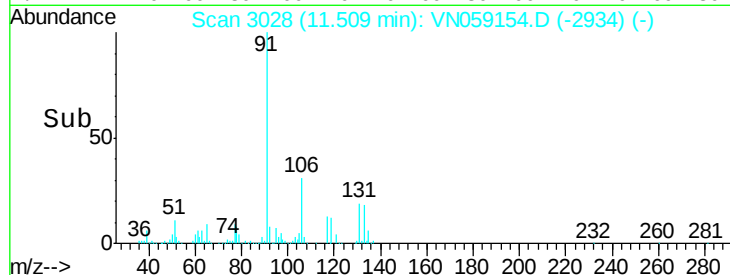
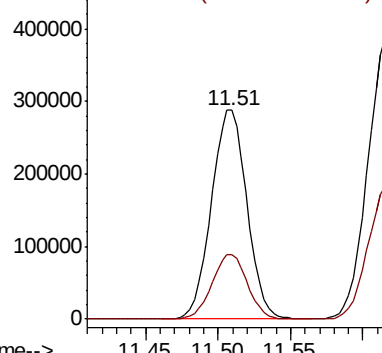
91 100

106 31.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.865 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059154.D

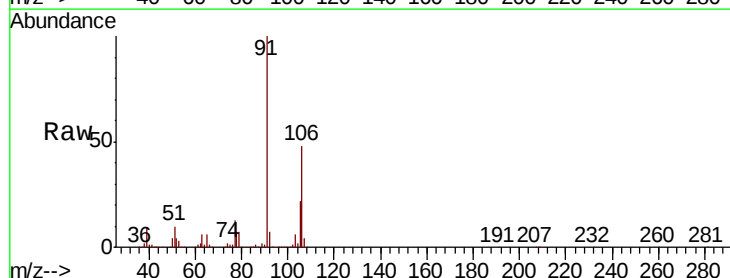
Acq: 11 Nov 2019 12:41

Tgt Ion: 106 Resp: 360277

Ion Ratio Lower Upper

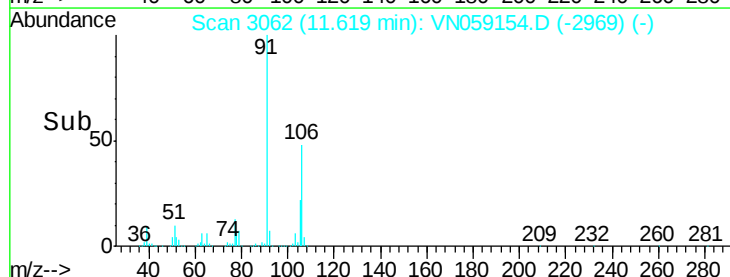
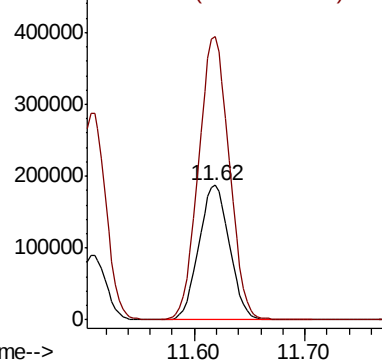
106 100

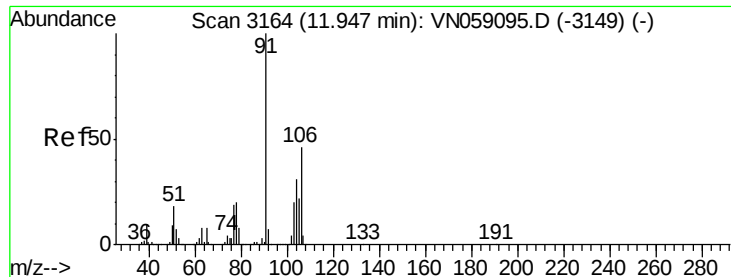
91 210.9 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

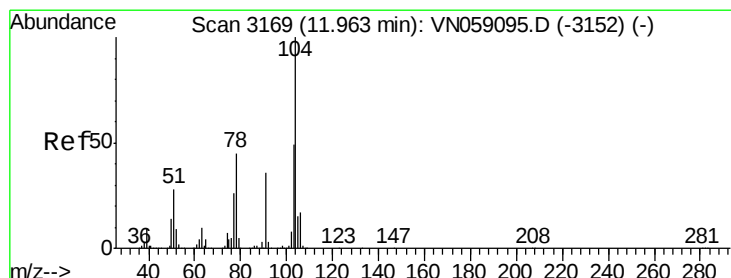
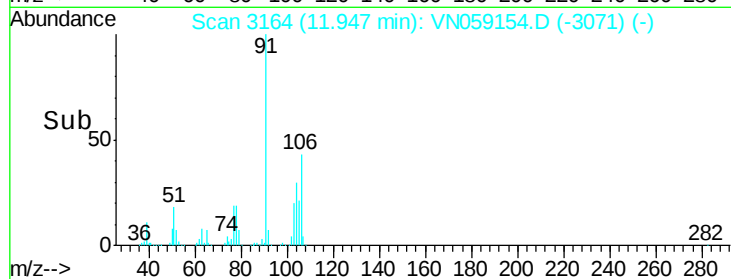
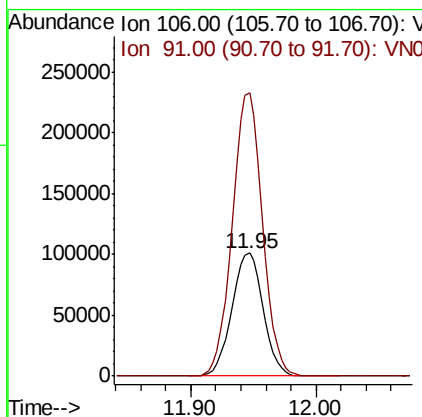
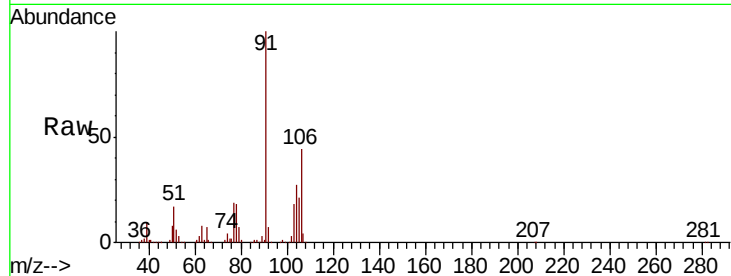




#69
o-Xylene
Concen: 20.456 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

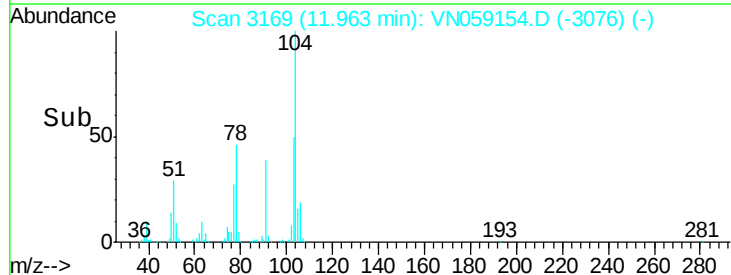
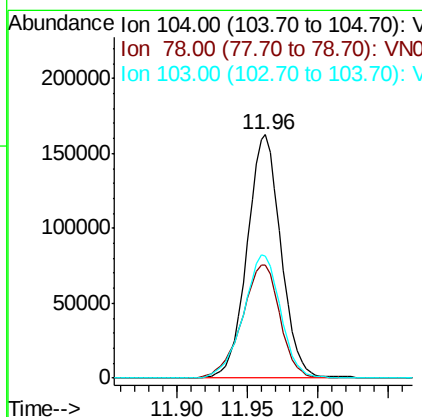
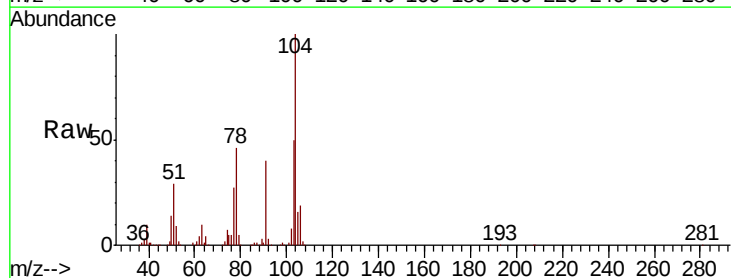
Instrument :
MSVOA_N
ClientSampled :

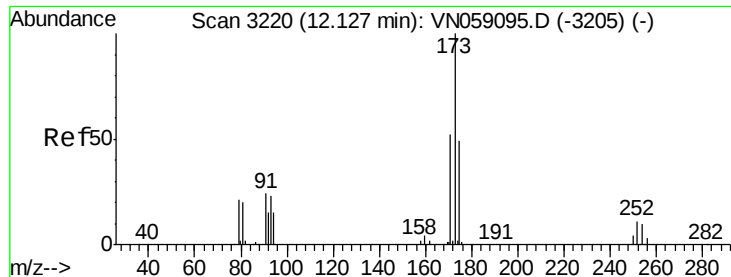
Tot Ion:106 Resp: 174286
Ion Ratio Lower Upper
106 100
91 222.7 110.1 330.3



#70
Styrene
Concen: 20.313 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion:104 Resp: 272185
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.9 43.8 65.6





#71

Bromoform

Concen: 20.297 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

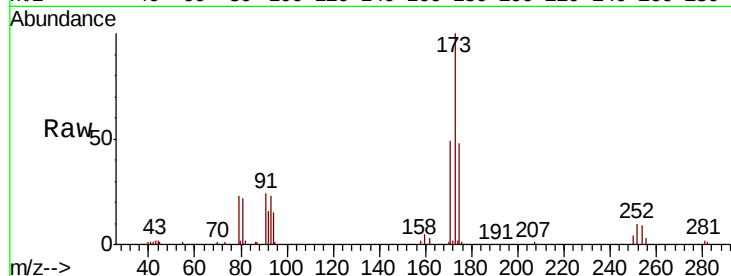
Tot Ion:173 Resp: 78564

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

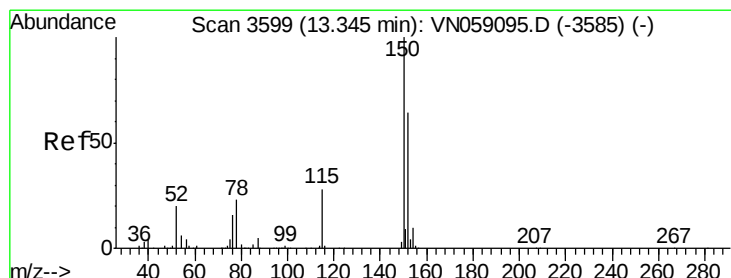
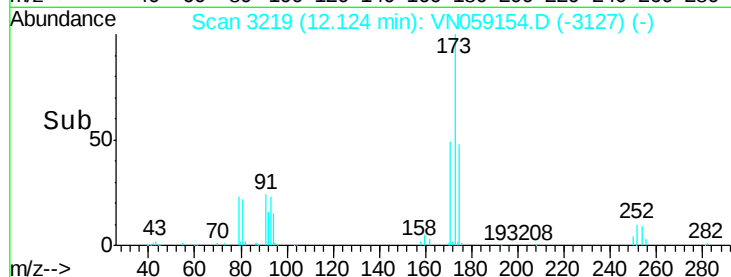
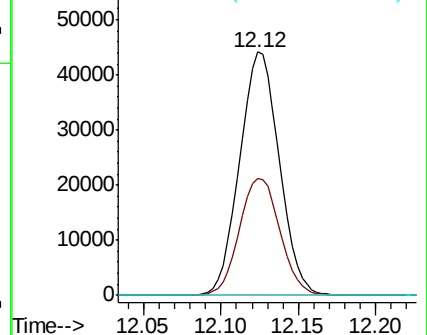
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

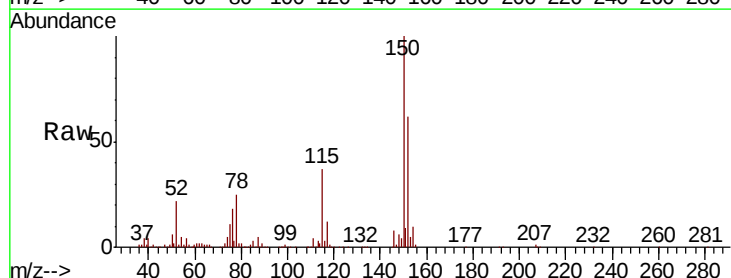
Tgt Ion:152 Resp: 298338

Ion Ratio Lower Upper

152 100

115 59.9 29.4 88.2

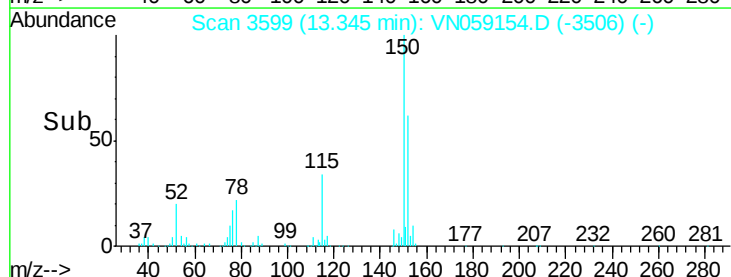
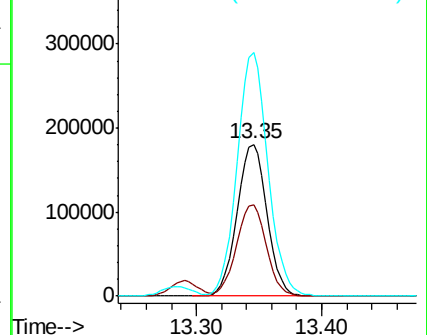
150 165.4 0.0 345.8

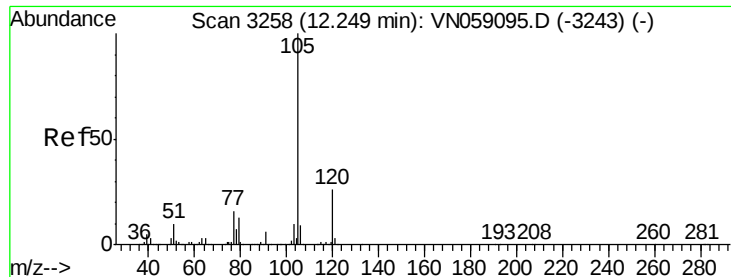


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.784 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

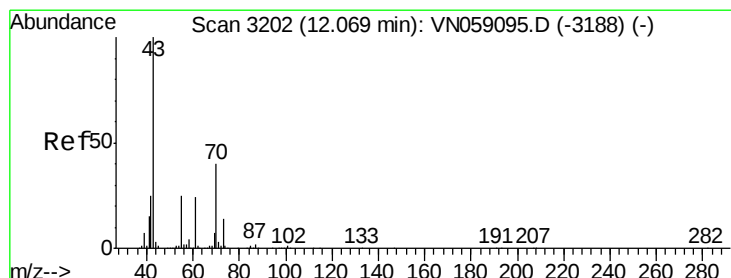
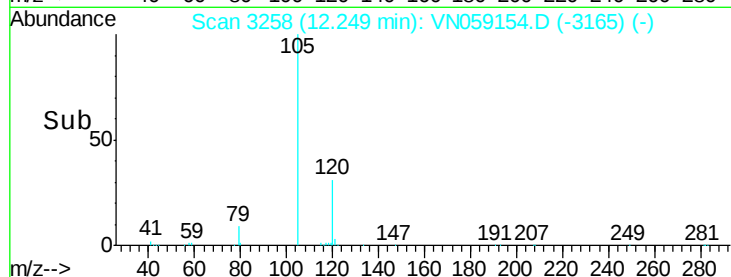
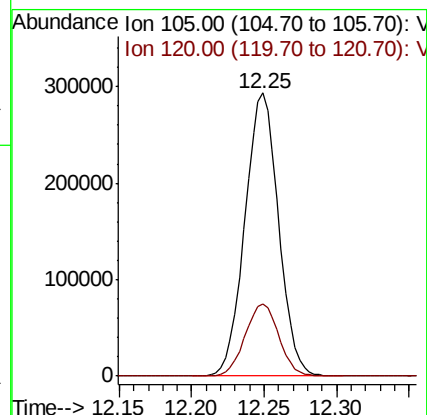
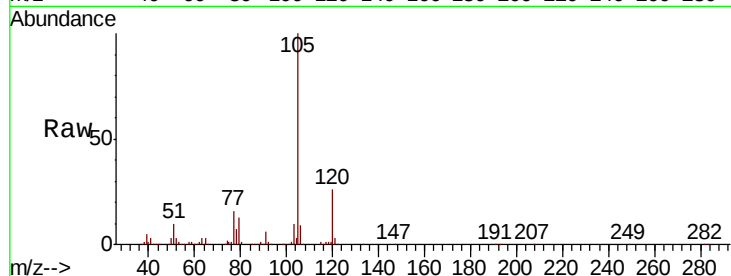
ClientSampleId :

Tot Ion:105 Resp: 472735

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3



#74

N-ethyl acetate

Concen: 21.344 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Tgt Ion: 43 Resp: 196271

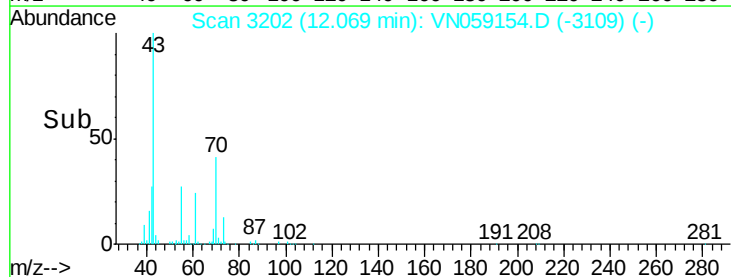
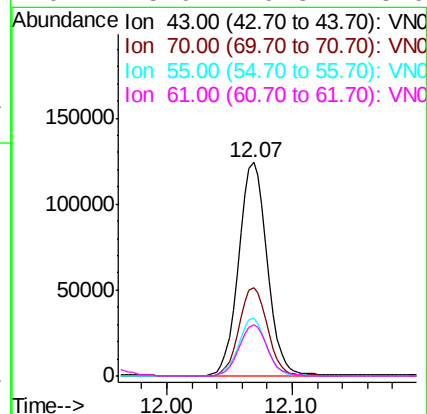
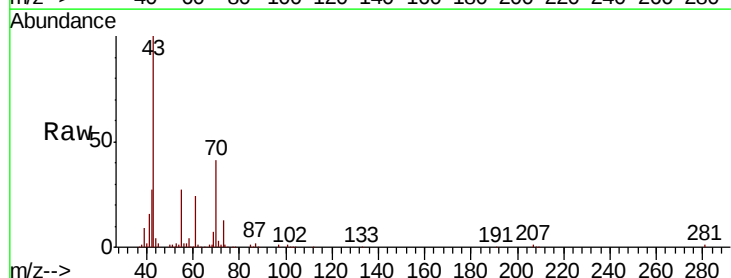
Ion Ratio Lower Upper

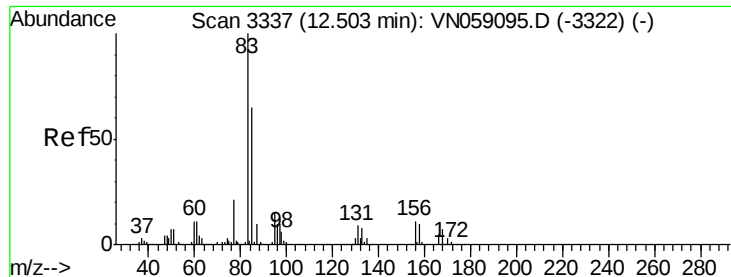
43 100

70 41.5 32.2 48.4

55 26.4 20.4 30.6

61 23.9 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.158 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

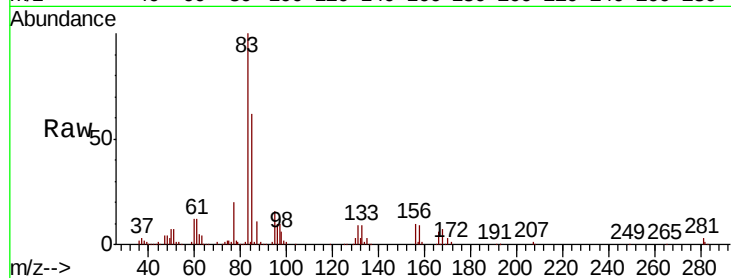
Tot Ion: 83 Resp: 163752

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

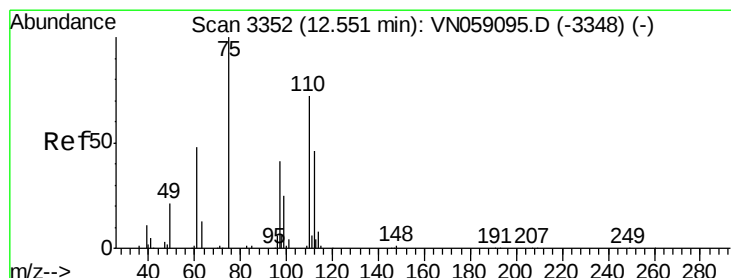
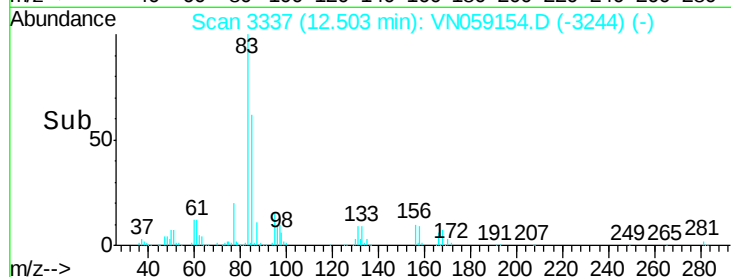
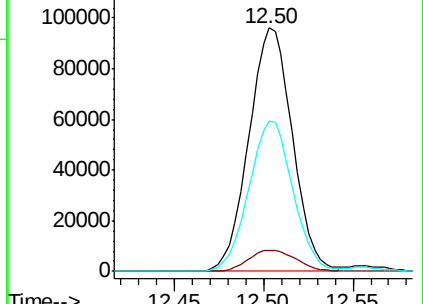
85 62.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059154.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059154.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059154.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 31.323 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059154.D

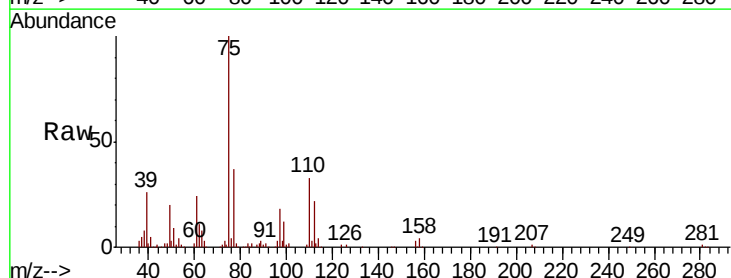
Acq: 11 Nov 2019 12:41

Tgt Ion: 75 Resp: 212754

Ion Ratio Lower Upper

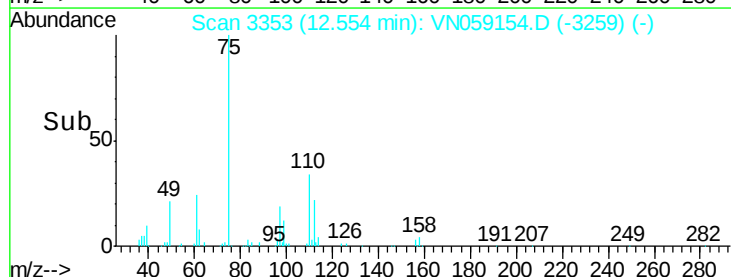
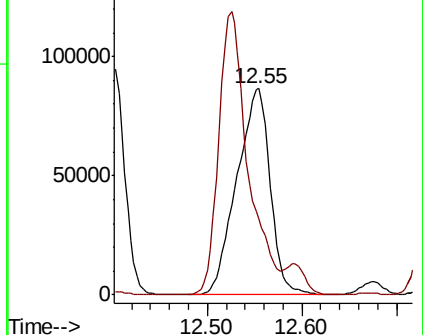
75 100

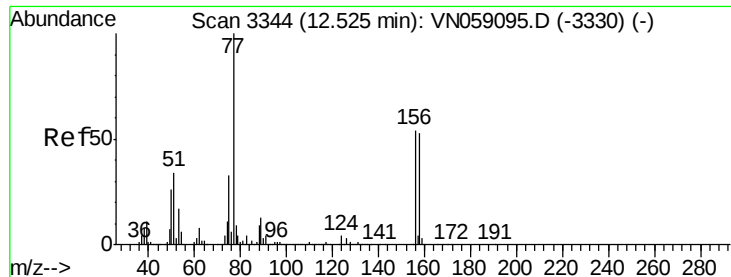
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059154.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059154.D (-3259) (-)





#77

Bromobenzene

Concen: 20.800 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampled :

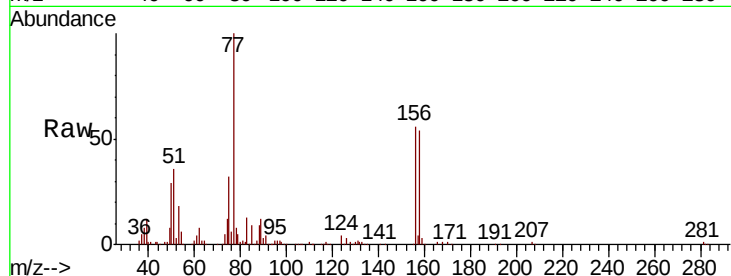
Tot Ion:156 Resp: 113409

Ion Ratio Lower Upper

156 100

77 225.9 112.8 338.3

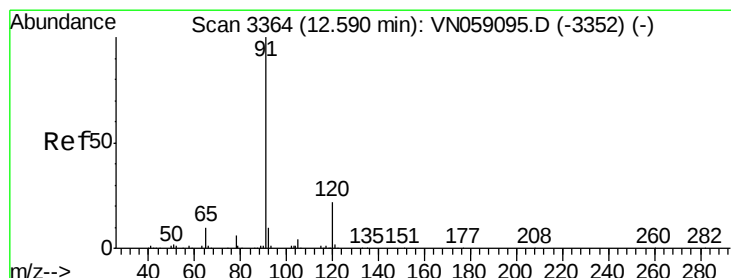
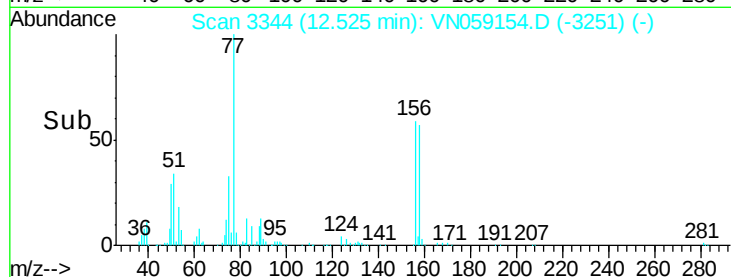
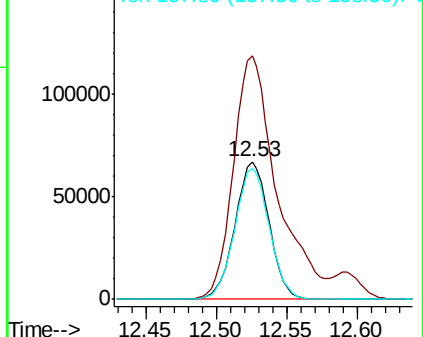
158 96.7 48.4 145.3



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: 21.616 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059154.D

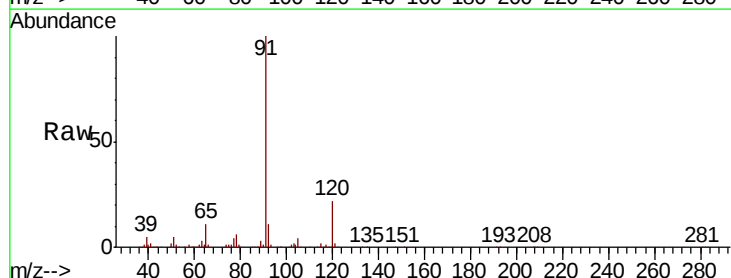
Acq: 11 Nov 2019 12:41

Tgt Ion: 91 Resp: 537114

Ion Ratio Lower Upper

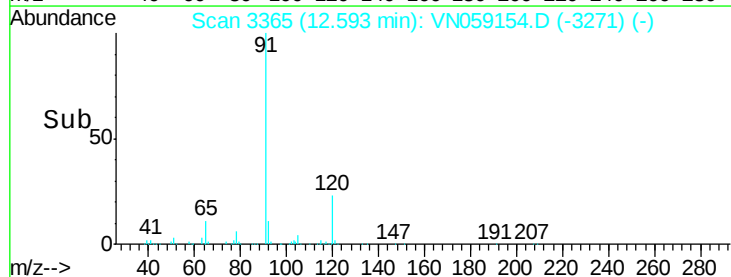
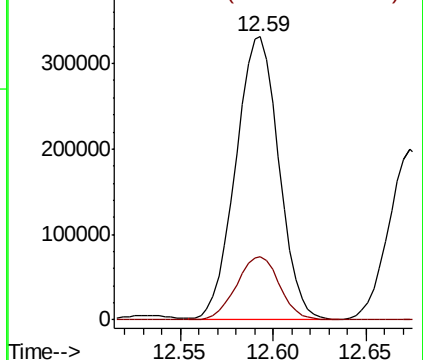
91 100

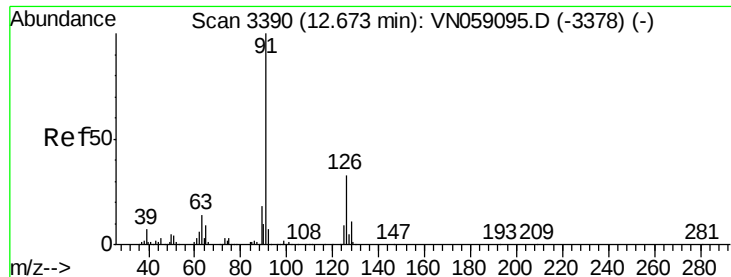
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

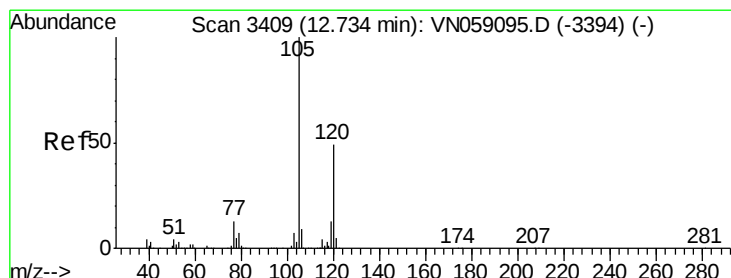
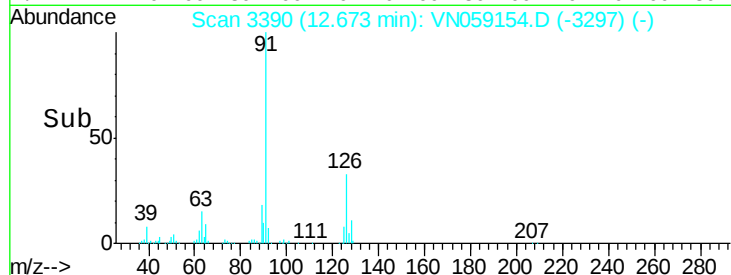
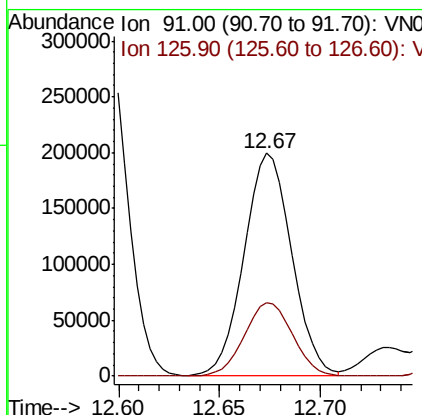
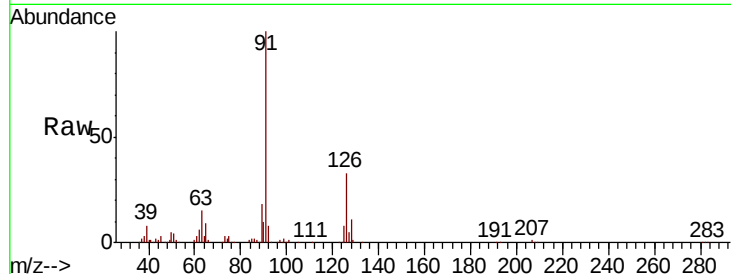




#79
 2-Chlorotoluene
 Concen: 21.442 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

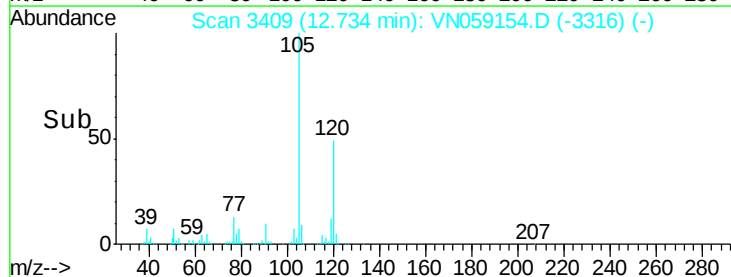
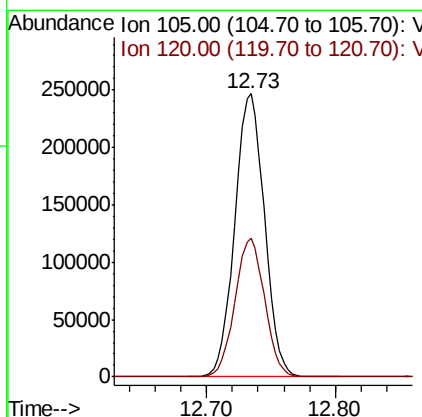
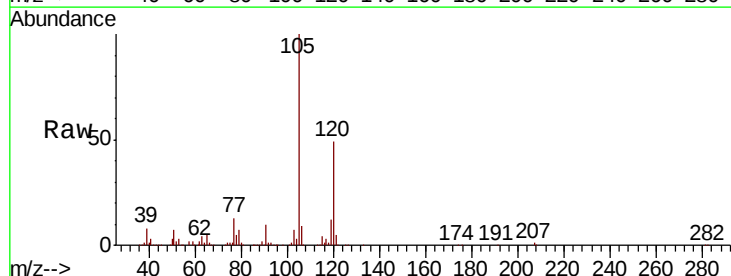
Instrument :
 MSVOA_N
 ClientSampleId :

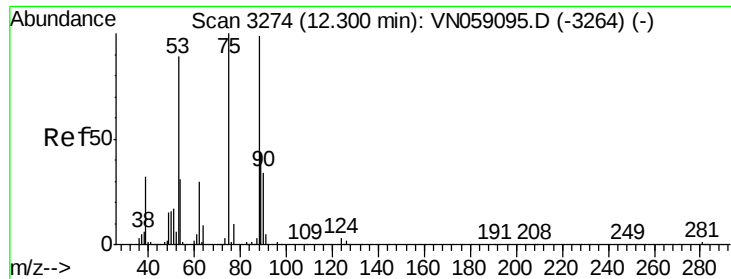
Tot Ion: 91 Resp: 330516
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.425 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

Tgt Ion: 105 Resp: 393969
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.724 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampled :

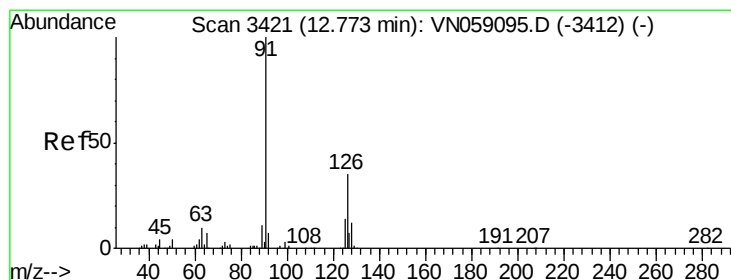
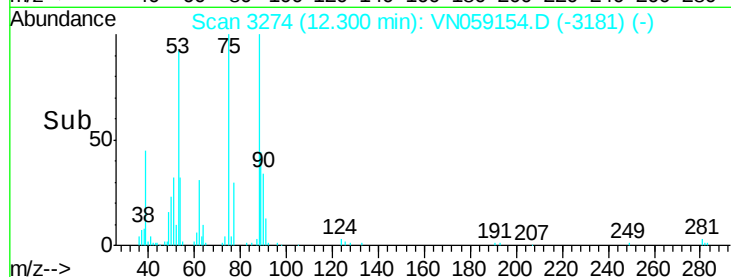
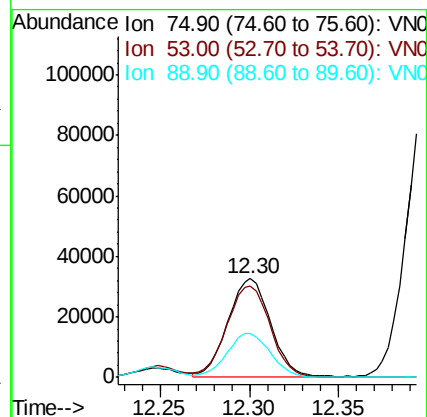
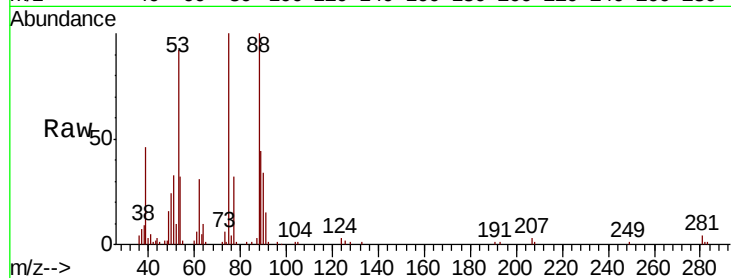
Tot Ion: 75 Resp: 53292

Ion Ratio Lower Upper

75 100

53 96.6 72.2 108.2

89 46.3 35.8 53.8



#82

4-Chlorotoluene

Concen: 21.296 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059154.D

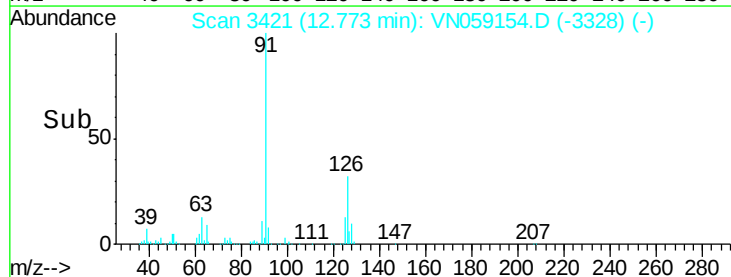
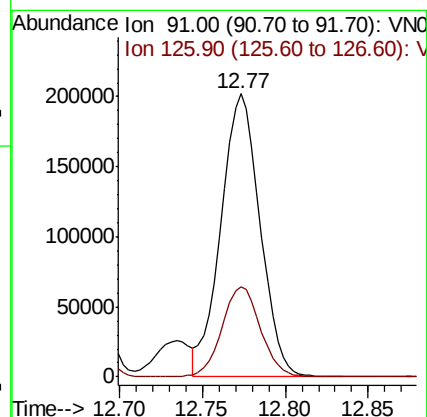
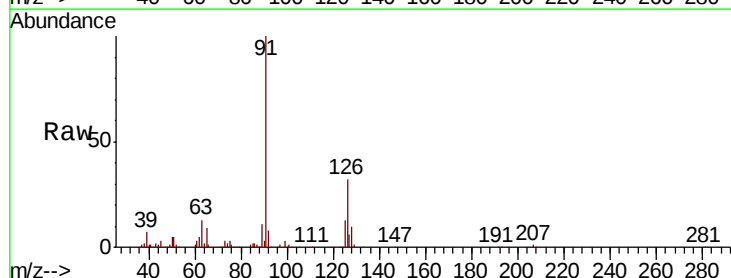
Acq: 11 Nov 2019 12:41

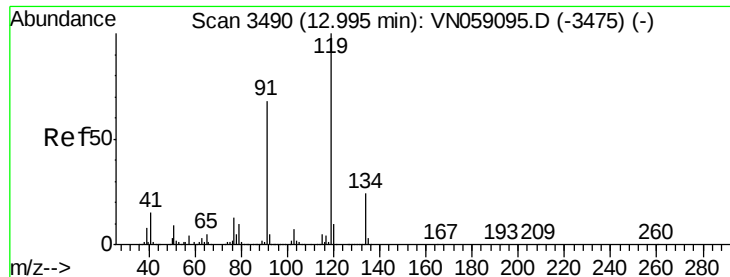
Tgt Ion: 91 Resp: 329246

Ion Ratio Lower Upper

91 100

126 31.3 16.1 48.2





#83

tert-Butylbenzene

Concen: 21.594 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampled :

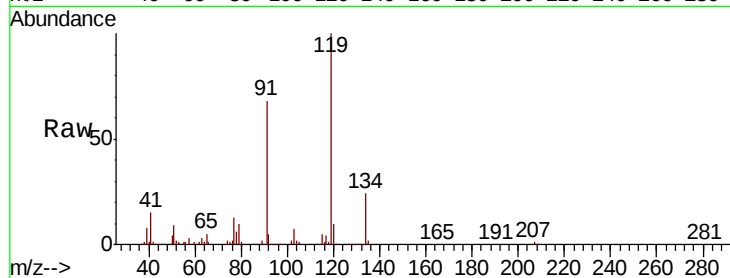
Tot Ion:119 Resp: 342916

Ion Ratio Lower Upper

119 100

91 66.5 33.2 99.6

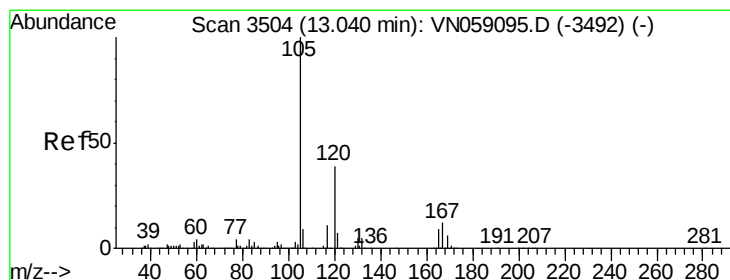
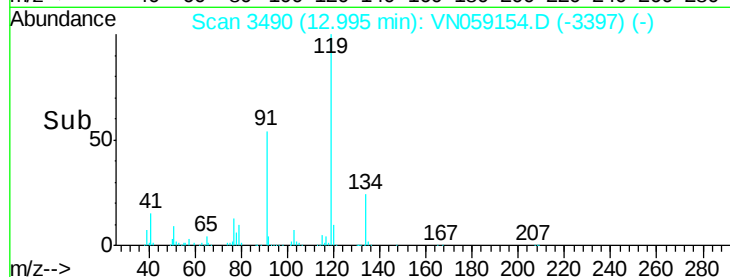
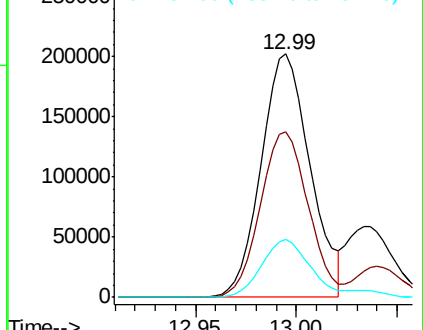
134 25.3 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.656 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059154.D

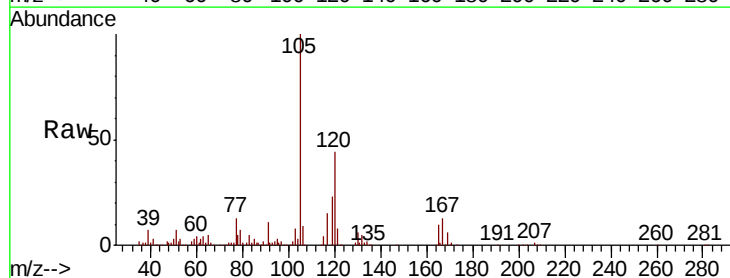
Acq: 11 Nov 2019 12:41

Tgt Ion:105 Resp: 385271

Ion Ratio Lower Upper

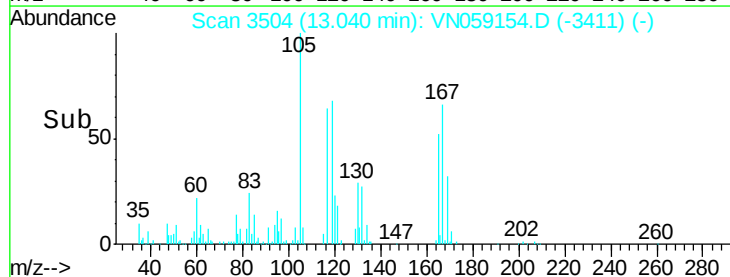
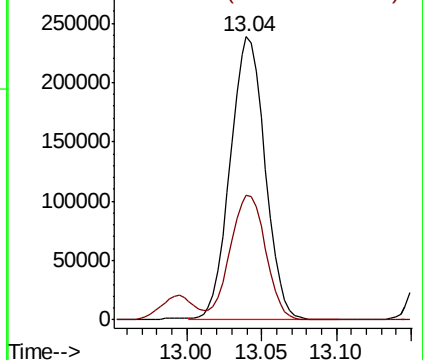
105 100

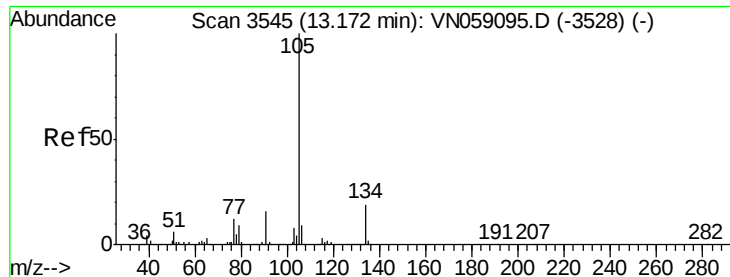
120 45.3 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.594 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

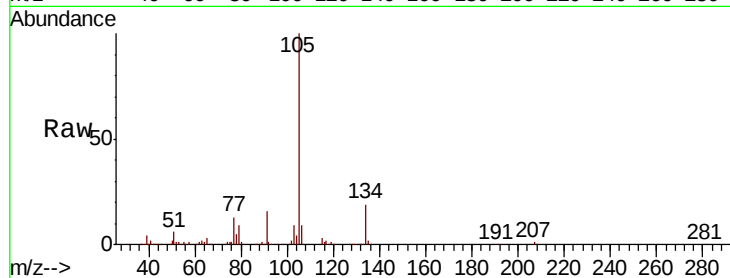
ClientSampled :

Tot Ion:105 Resp: 445963

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

250000

200000

150000

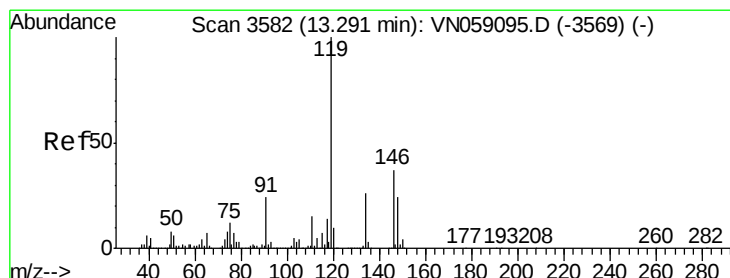
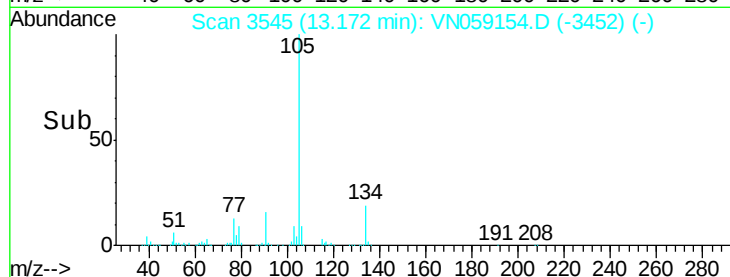
100000

50000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 21.485 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

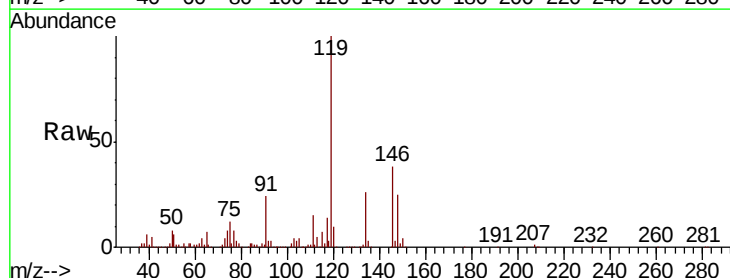
Tgt Ion:119 Resp: 391786

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

300000

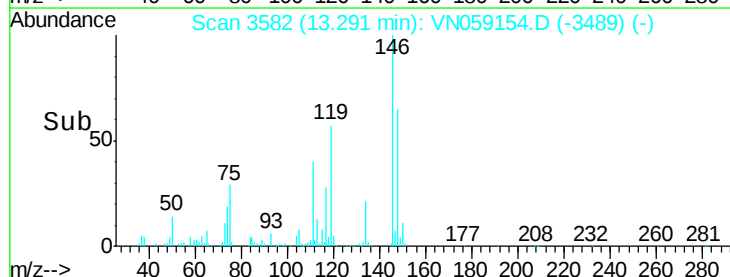
200000

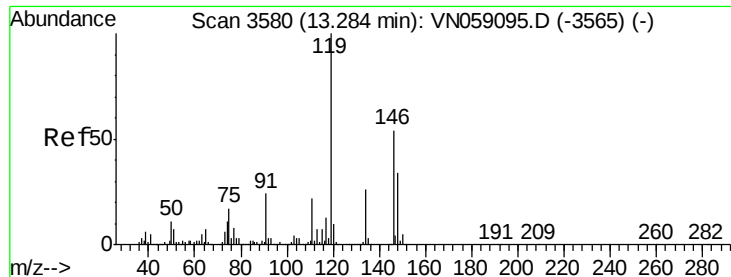
100000

0

Time-->

13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 20.657 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

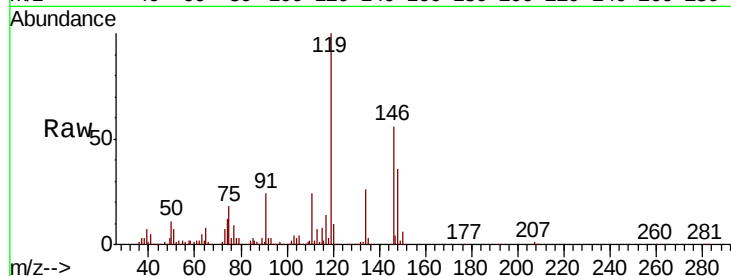
Tot Ion:146 Resp: 192864

Ion Ratio Lower Upper

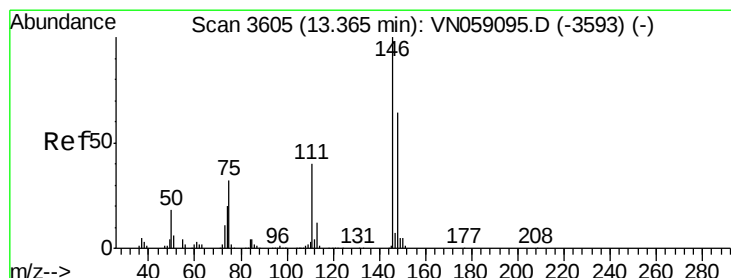
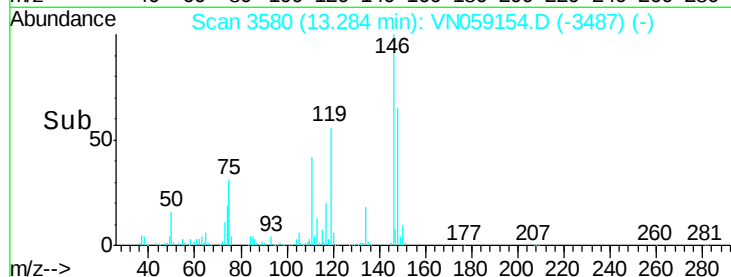
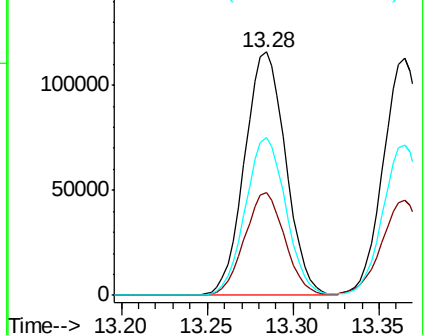
146 100

111 41.3 20.4 61.3

148 63.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.278 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

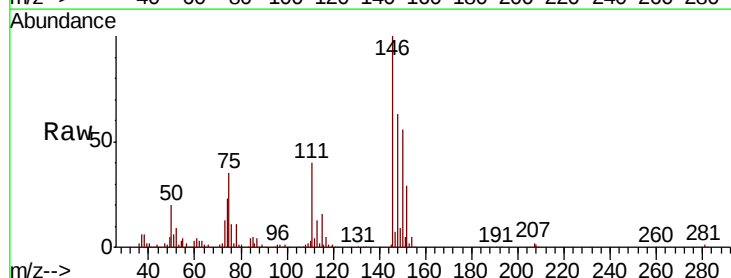
Tgt Ion:146 Resp: 189427

Ion Ratio Lower Upper

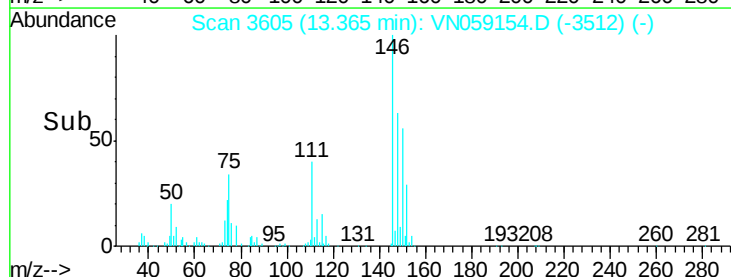
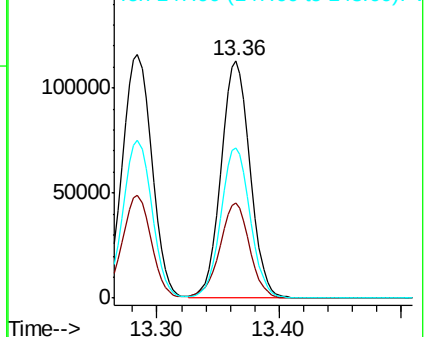
146 100

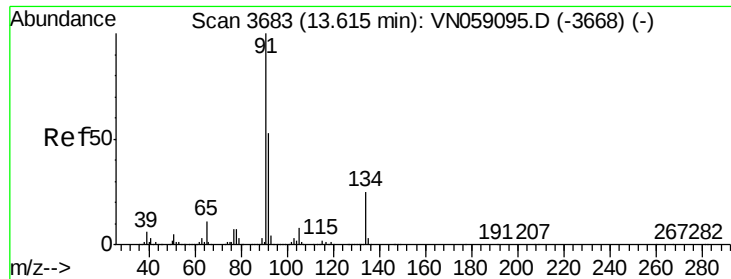
111 41.3 20.3 60.9

148 63.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

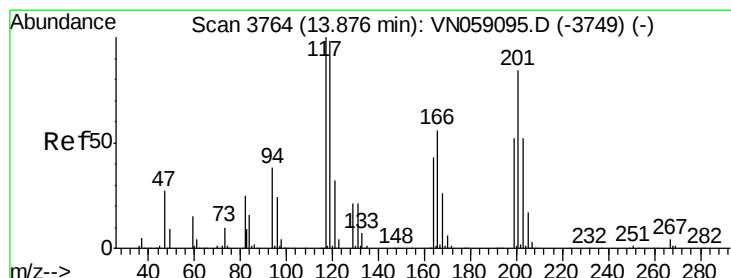
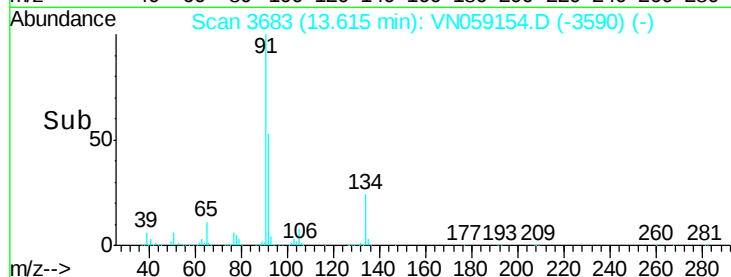
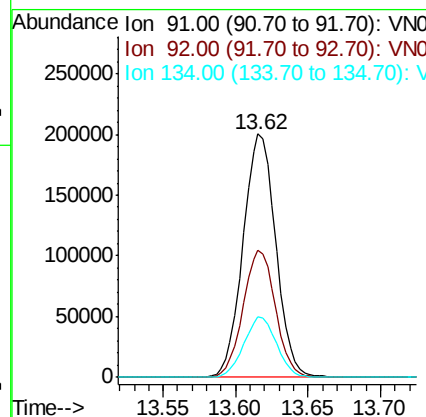
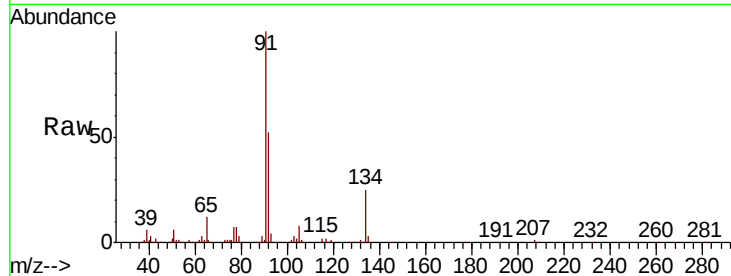




#89
n-Butylbenzene
Concen: 19.704 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

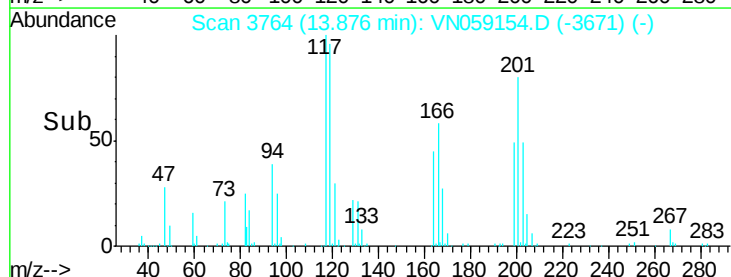
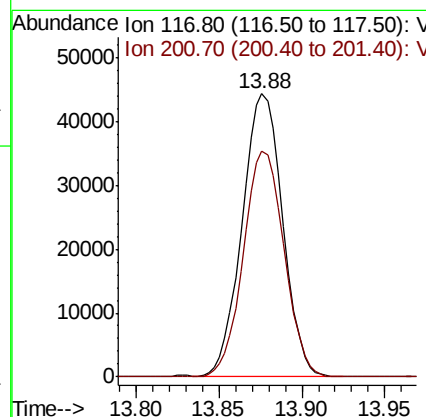
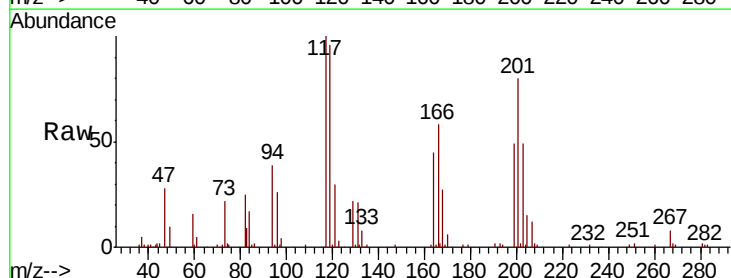
Instrument :
MSVOA_N
ClientSampled :

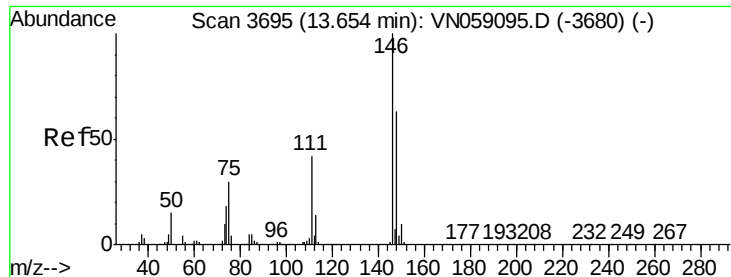
Tot Ion: 91 Resp: 314484
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.3
134 24.8 12.6 37.8



#90
Hexachloroethane
Concen: 20.602 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059154.D
Acq: 11 Nov 2019 12:41

Tgt Ion: 117 Resp: 75440
Ion Ratio Lower Upper
117 100
201 80.2 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 21.136 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059154.D

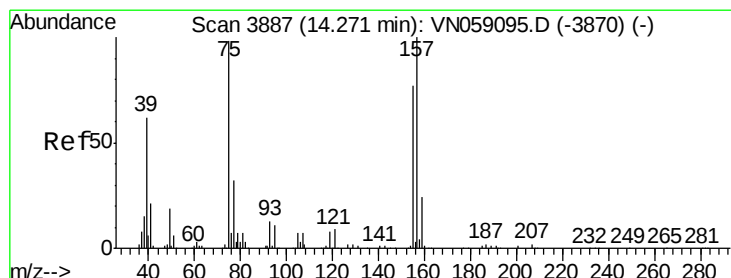
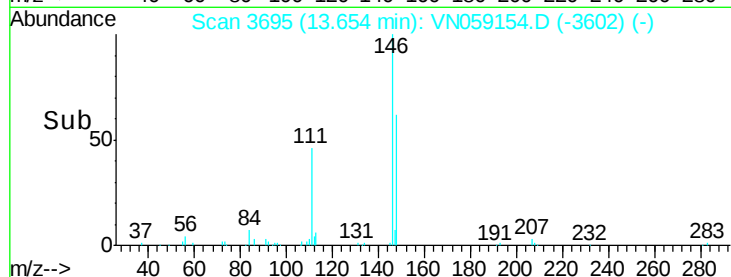
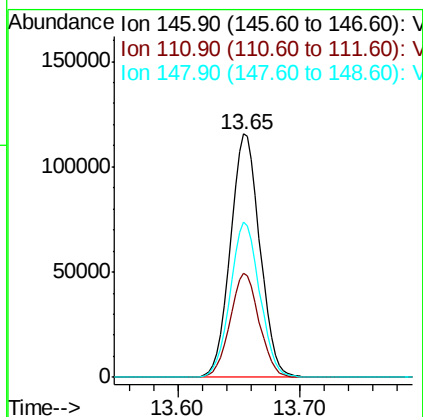
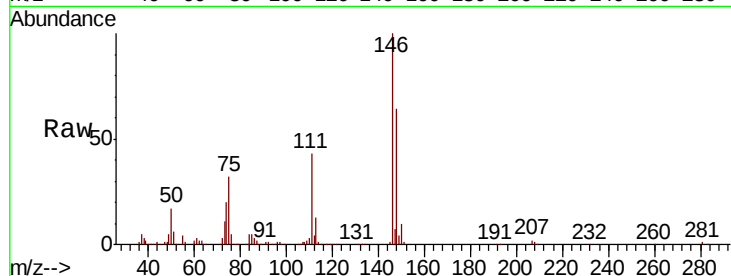
Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	194126
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	64.2	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.328 ug/l

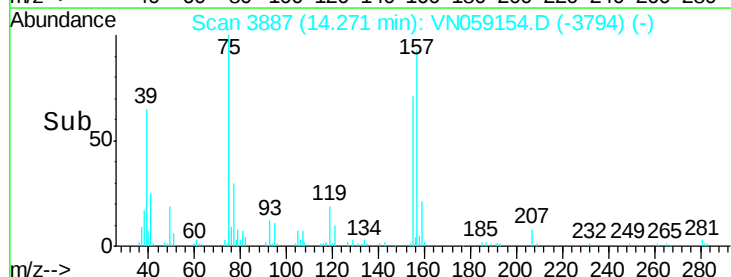
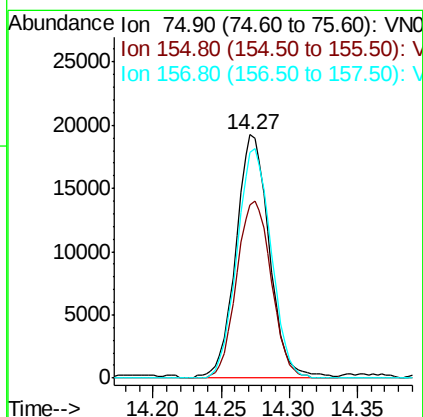
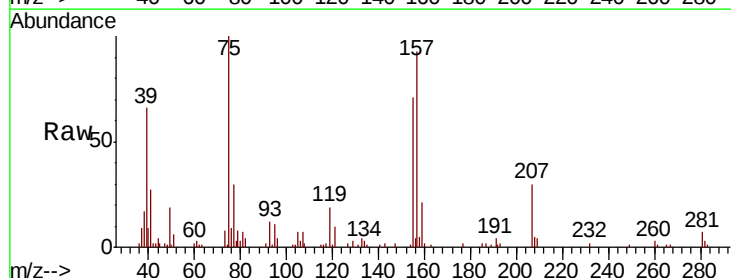
RT: 14.27 min Scan# 3887

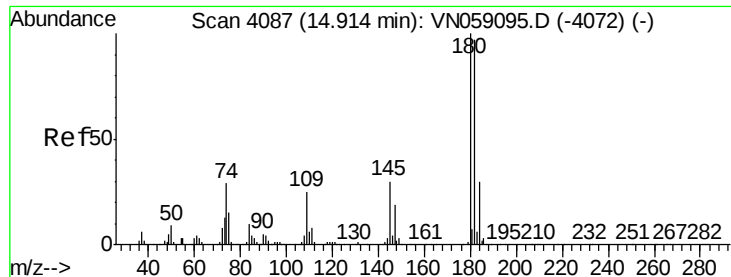
Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Tgt Ion:	75	Resp:	32899
Ion	Ratio	Lower	Upper
75	100		
155	75.1	40.2	120.6
157	95.6	51.8	155.5

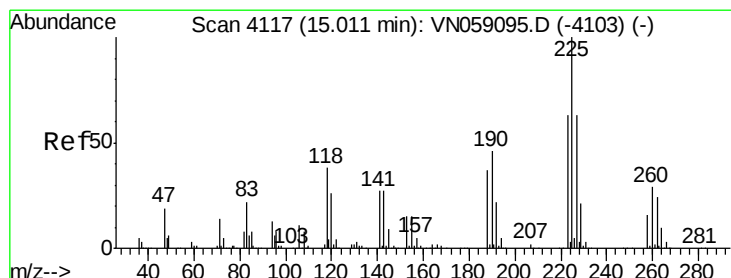
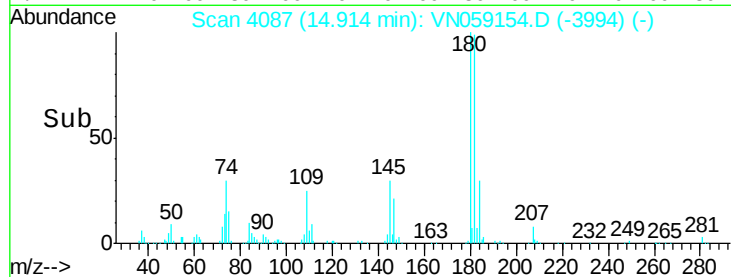
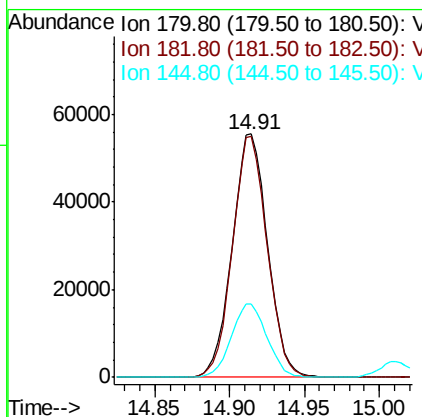
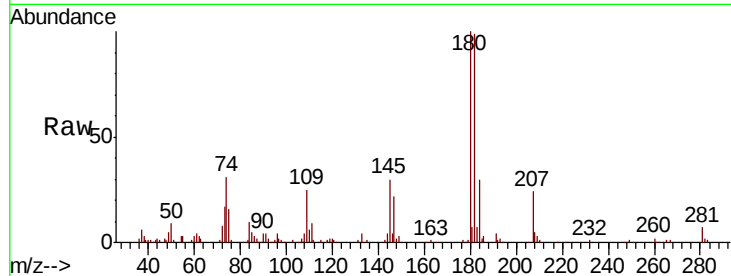




#93
 1,2,4-Trichlorobenzene
 Concen: 18.441 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

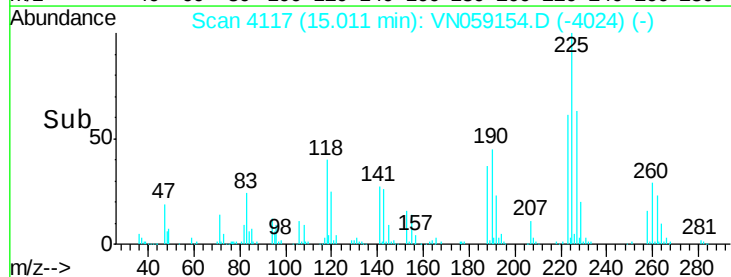
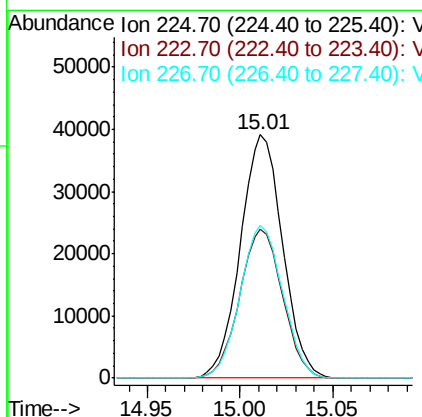
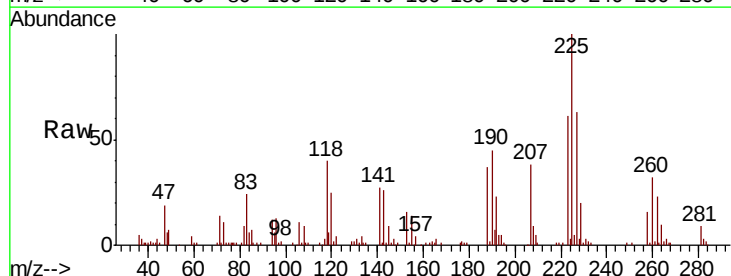
Instrument :
 MSVOA_N
 ClientSampled :

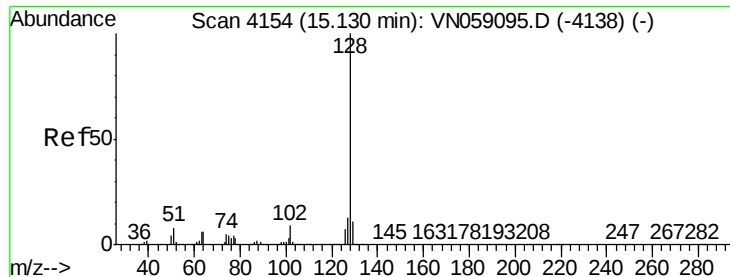
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.1	144.3
145	30.3	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 19.508 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059154.D
 Acq: 11 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.3	93.9
227	63.4	31.5	94.5





#95

Naphthalene

Concen: 18.406 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

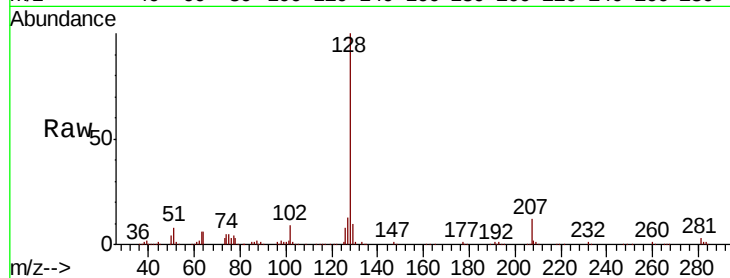
Tot Ion:128 Resp: 252888

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

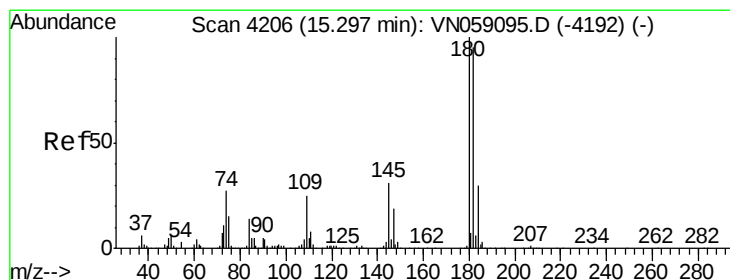
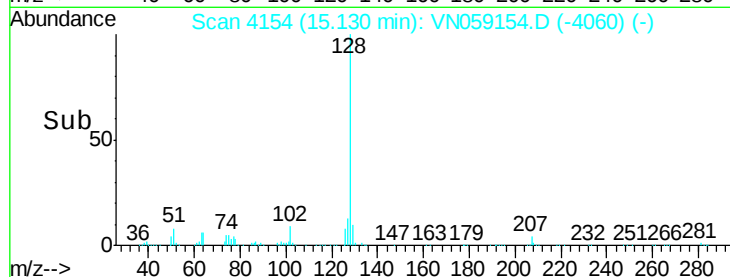
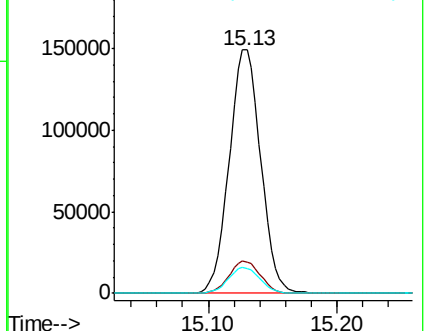
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.987 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059154.D

Acq: 11 Nov 2019 12:41

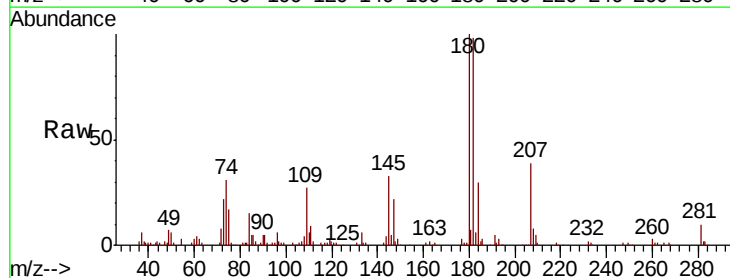
Tgt Ion:180 Resp: 92582

Ion Ratio Lower Upper

180 100

182 97.3 47.3 141.8

145 32.0 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

