

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059134.D
 Acq On : 8 Nov 2019 10:31
 Operator : JC/SP
 Sample : VN1108MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBSD01

Quant Time: Nov 11 00:56:18 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	479746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	753327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	678496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	315402	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	294602	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	
35) Dibromofluoromethane	7.56	113	227822	50.65	ug/l	0.00
Spiked Amount						
			Recovery	=	101.30%	
50) Toluene-d8	10.08	98	894924	50.51	ug/l	0.00
Spiked Amount						
			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	320289	50.14	ug/l	0.00
Spiked Amount						
			Recovery	=	100.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	93090	19.259	ug/l	98
3) Chloromethane	2.04	50	122576	18.655	ug/l	100
4) Vinyl Chloride	2.17	62	122150	19.175	ug/l	98
5) Bromomethane	2.54	94	71159	19.411	ug/l	98
6) Chloroethane	2.68	64	72536	19.249	ug/l	100
7) Trichlorofluoromethane	3.00	101	148030	19.428	ug/l	99
8) Diethyl Ether	3.38	74	62394	20.153	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	91903	20.004	ug/l	100
10) Methyl Iodide	3.93	142	99045	17.417	ug/l	99
11) Tert butyl alcohol	4.75	59	99532	88.559	ug/l	100
12) 1,1-Dichloroethene	3.71	96	87067	19.455	ug/l	98
13) Acrolein	3.58	56	50136	86.522	ug/l	100
14) Allyl chloride	4.29	41	160070	17.413	ug/l	93
15) Acrylonitrile	4.95	53	285337	102.015	ug/l	100
16) Acetone	3.79	43	315742	102.958	ug/l	99
17) Carbon Disulfide	4.02	76	258646	18.618	ug/l	99
18) Methyl Acetate	4.29	43	152800	20.991	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	316226	20.524	ug/l	99
20) Methylene Chloride	4.52	84	106784	19.987	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	94528	19.678	ug/l	98
22) Diisopropyl ether	5.92	45	349152	20.108	ug/l	97
23) Vinyl Acetate	5.86	43	1432304	106.433	ug/l	99
24) 1,1-Dichloroethane	5.82	63	192446	19.843	ug/l	99
25) 2-Butanone	6.81	43	402805	99.661	ug/l	98
26) 2,2-Dichloropropane	6.80	77	161283	19.019	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	109904	19.720	ug/l	99
28) Bromochloromethane	7.17	49	57172	19.594	ug/l	97
29) Tetrahydrofuran	7.18	42	253338	98.647	ug/l	100
30) Chloroform	7.35	83	183761	19.752	ug/l	99
31) Cyclohexane	7.63	56	178103	19.399	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	159379	20.377	ug/l	99
36) 1,1-Dichloropropene	7.77	75	136924	19.446	ug/l	99
37) Ethyl Acetate	6.90	43	159261	20.331	ug/l	99
38) Carbon Tetrachloride	7.75	117	138331	19.738	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	161231	19.729	ug/l	96
40) Benzene	8.02	78	425001	20.043	ug/l	98
41) Methacrylonitrile	7.18	41	223316	65.560	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	146311	20.119	ug/l	99
43) Isopropyl Acetate	8.14	43	244456	19.575	ug/l	99
44) Trichloroethene	8.82	130	104397	20.029	ug/l	97
45) 1,2-Dichloropropane	9.10	63	116277	20.189	ug/l	99
46) Dibromomethane	9.19	93	71551	19.936	ug/l	98
47) Bromodichloromethane	9.39	83	141849	19.793	ug/l	98
48) Methyl methacrylate	9.18	41	107102	19.173	ug/l	98
49) 1,4-Dioxane	9.18	88	33369	336.139	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	764326	108.166	ug/l	100
52) Toluene	10.14	92	255349	20.092	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	164308	19.845	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	177196	19.895	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	103803	20.181	ug/l	98
56) Ethyl methacrylate	10.42	69	154544	19.213	ug/l	100
57) 1,3-Dichloropropane	10.70	76	182407	20.605	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	303193	105.919	ug/l	99
59) 2-Hexanone	10.74	43	576986	106.383	ug/l	100
60) Dibromochloromethane	10.90	129	109396	20.116	ug/l	99
61) 1,2-Dibromoethane	11.00	107	104357	20.042	ug/l	98
64) Tetrachloroethene	10.62	164	91687	19.873	ug/l	99
65) Chlorobenzene	11.43	112	267482	20.223	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	101088	20.374	ug/l	99
67) Ethyl Benzene	11.51	91	481080	20.500	ug/l	98
68) m/p-Xylenes	11.62	106	359896	40.942	ug/l	100
69) o-Xylene	11.94	106	173018	20.367	ug/l	97
70) Styrene	11.96	104	273107	20.441	ug/l	98
71) Bromoform	12.12	173	76955	19.940	ug/l #	99
73) Isopropylbenzene	12.25	105	464243	20.235	ug/l	99
74) N-amyl acetate	12.07	43	191852	19.735	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	156084	19.978	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	207875	28.949	ug/l #	100
77) Bromobenzene	12.52	156	111920	19.417	ug/l	100
78) n-propylbenzene	12.59	91	539179	20.525	ug/l	100
79) 2-Chlorotoluene	12.67	91	328924	20.184	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	395067	20.322	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51550	18.962	ug/l	97
82) 4-Chlorotoluene	12.77	91	331284	20.269	ug/l	99
83) tert-Butylbenzene	12.99	119	341443	20.338	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	387071	20.580	ug/l	99
85) sec-Butylbenzene	13.17	105	440912	20.194	ug/l	100
86) p-Isopropyltoluene	13.29	119	395378	20.509	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	198868	20.148	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	192984	19.541	ug/l	98
89) n-Butylbenzene	13.62	91	333963	19.792	ug/l	99
90) Hexachloroethane	13.88	117	74697	19.296	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	196442	20.231	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30873	19.822	ug/l	96

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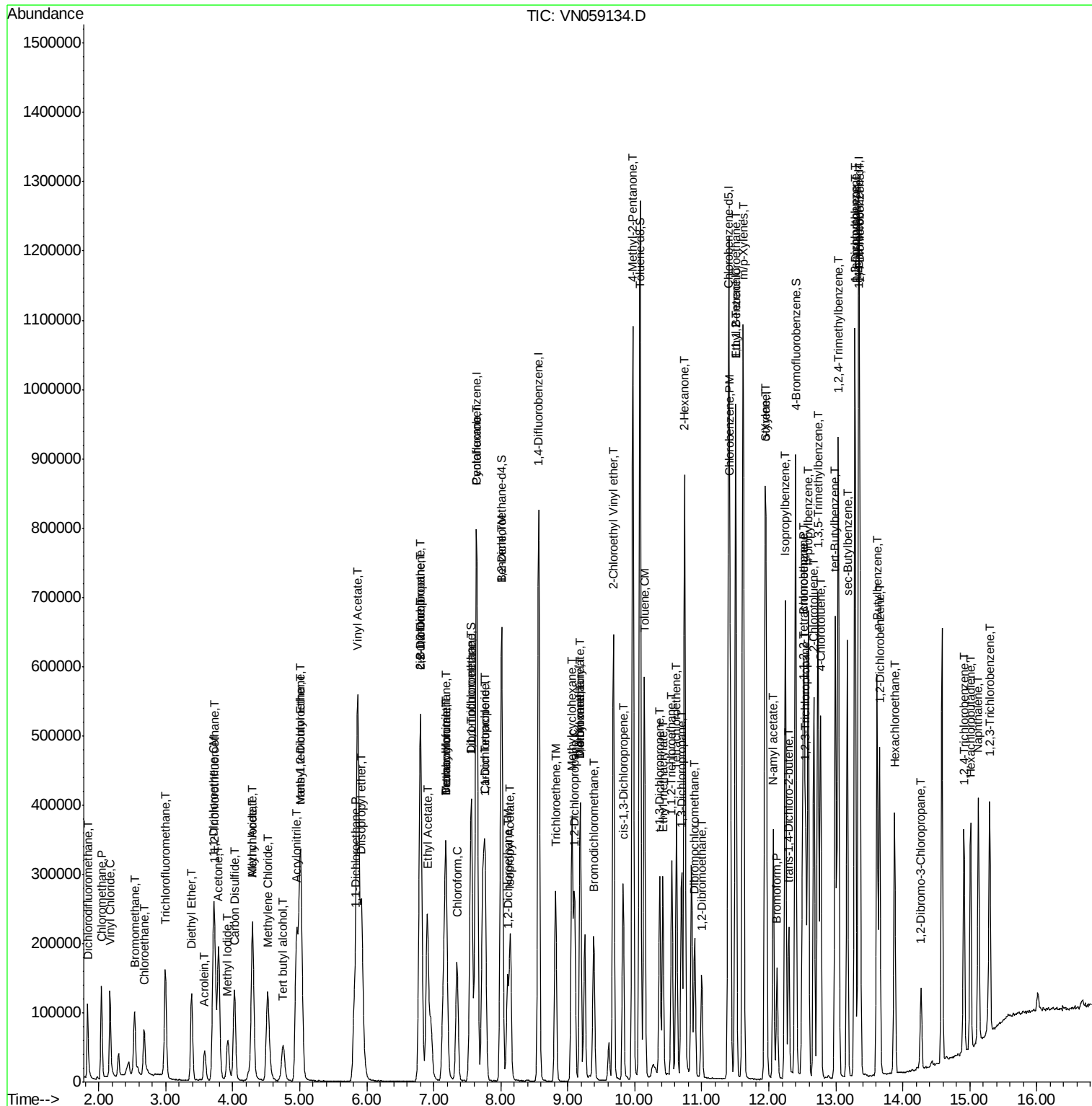
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	101148	19.170	ug/l	99
94) Hexachlorobutadiene	15.01	225	63480	18.961	ug/l	98
95) Naphthalene	15.13	128	288696	19.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	105440	19.377	ug/l	99

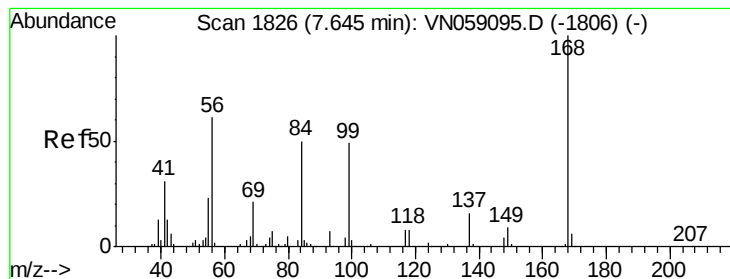
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

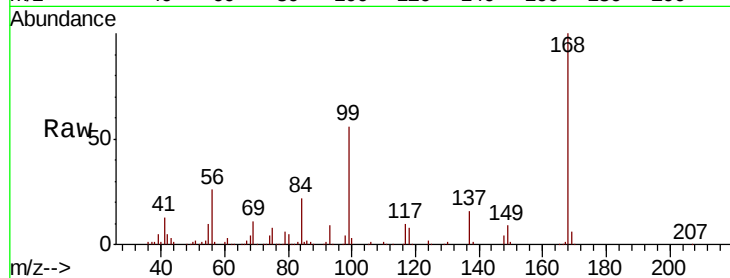
VN1108MBSD01

Tot Ion:168 Resp: 479746

Ion Ratio Lower Upper

168 100

99 55.7 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

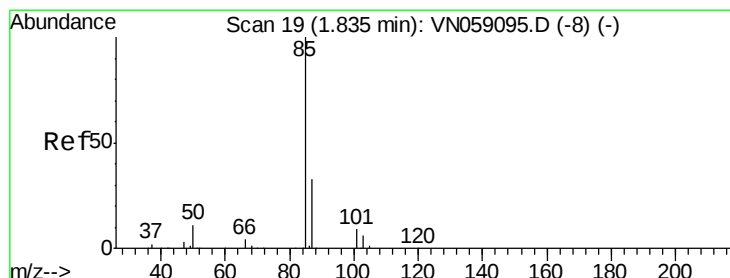
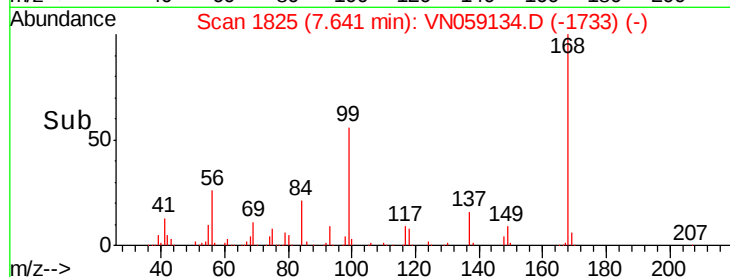
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.259 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059134.D

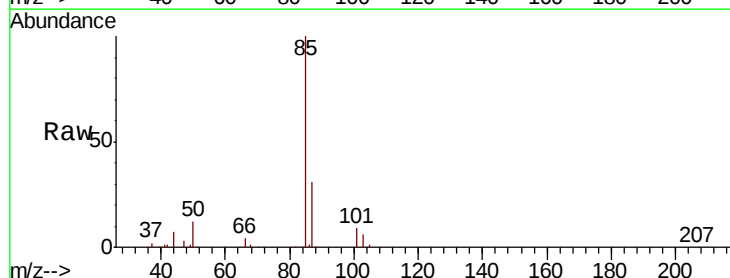
Acq: 8 Nov 2019 10:31

Tgt Ion: 85 Resp: 93090

Ion Ratio Lower Upper

85 100

87 31.4 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

40000

20000

0

1.75

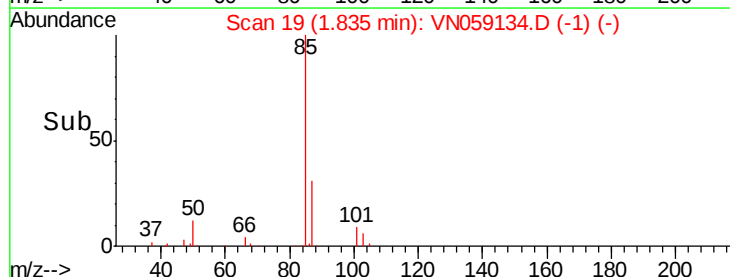
1.80

1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 18.655 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

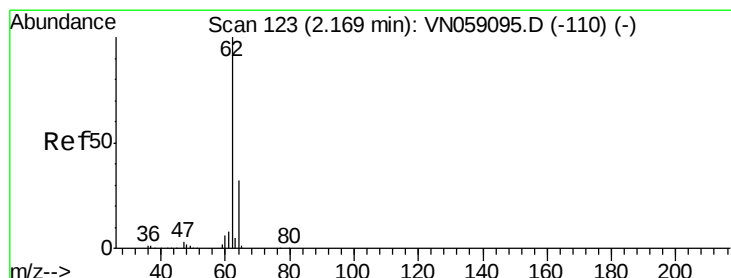
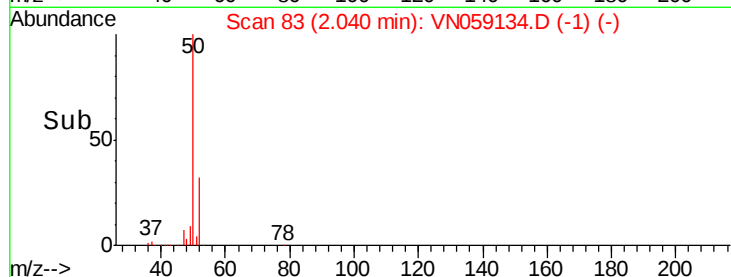
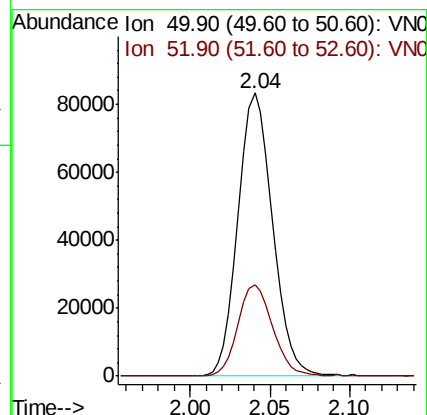
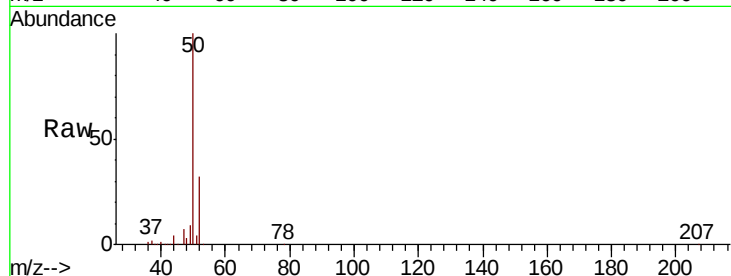
VN1108MBSD01

Tot Ion: 50 Resp: 122576

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 19.175 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059134.D

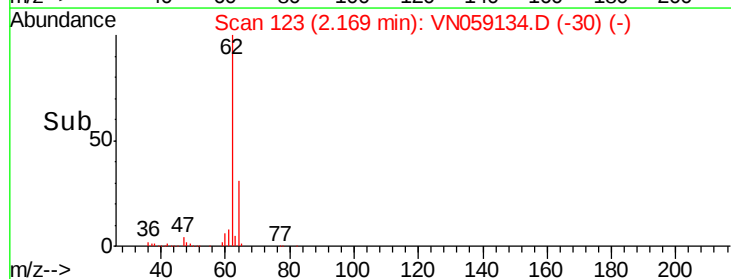
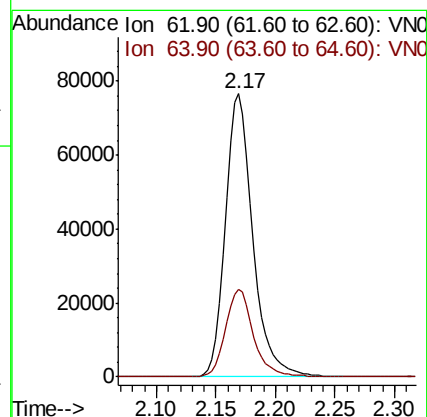
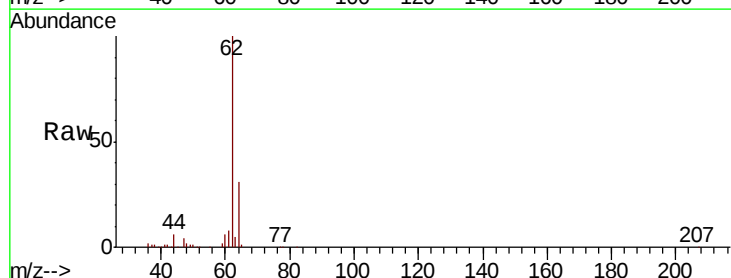
Acq: 8 Nov 2019 10:31

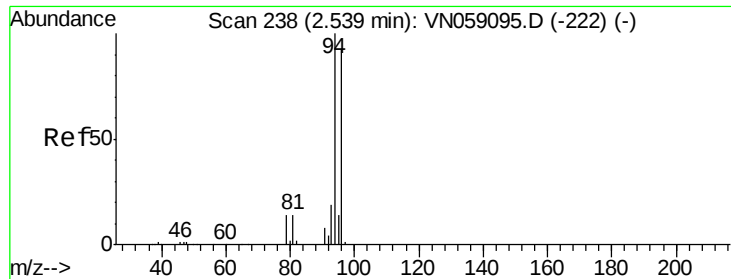
Tgt Ion: 62 Resp: 122150

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 19.411 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

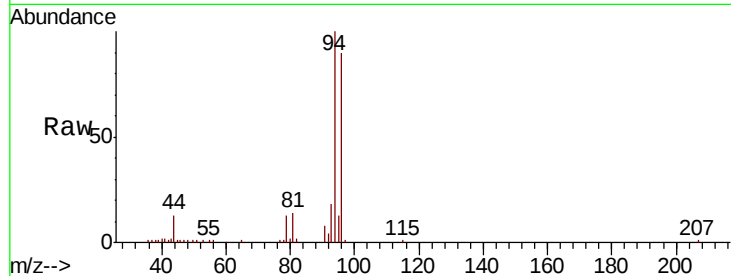
VN1108MBSD01

Tot Ion: 94 Resp: 71159

Ion Ratio Lower Upper

94 100

96 90.4 74.2 111.2

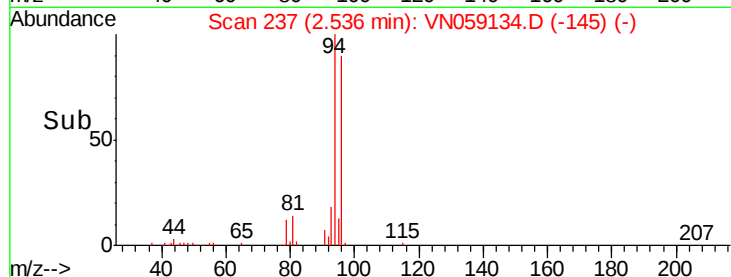


Abundance Ion 93.90 (93.60 to 94.60): VN059134.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059134.D (-145) (-)

2.54

Time-->



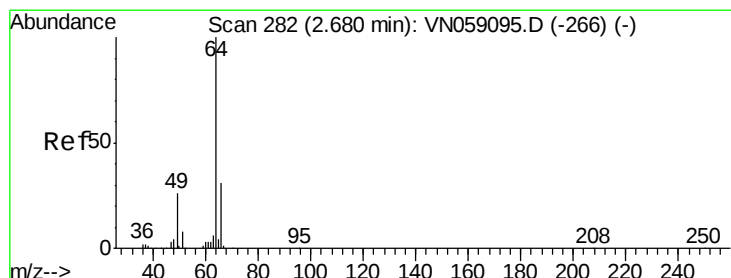
Abundance

Ion 93.90 (93.60 to 94.60): VN059134.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059134.D (-145) (-)

2.54

Time-->



#6

Chloroethane

Concen: 19.249 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059134.D

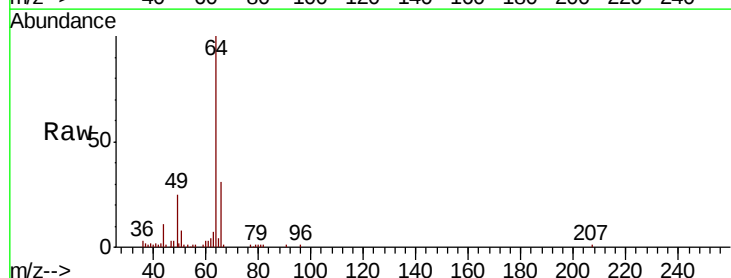
Acq: 8 Nov 2019 10:31

Tgt Ion: 64 Resp: 72536

Ion Ratio Lower Upper

64 100

66 31.4 25.2 37.8

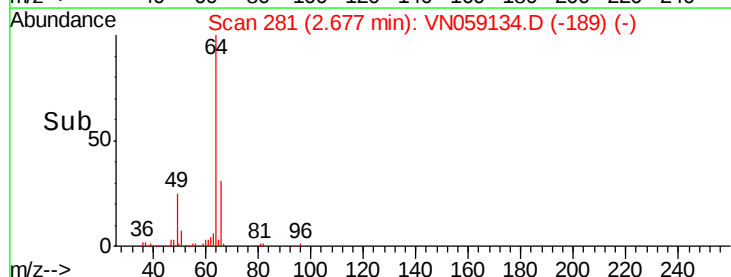


Abundance Ion 63.90 (63.60 to 64.60): VN059134.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059134.D (-189) (-)

2.68

Time-->



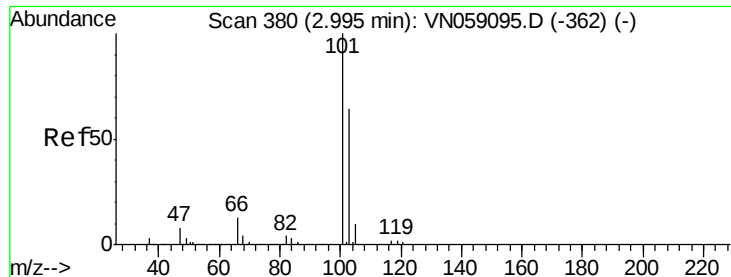
Abundance

Ion 63.90 (63.60 to 64.60): VN059134.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059134.D (-189) (-)

2.68

Time-->

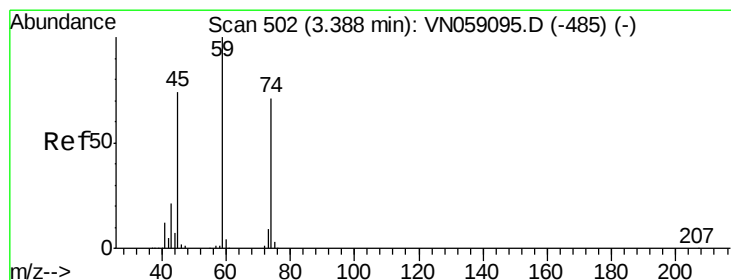
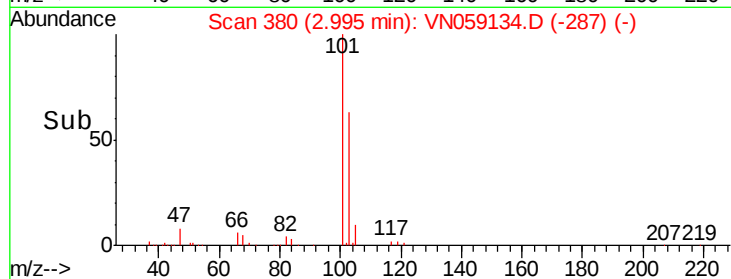
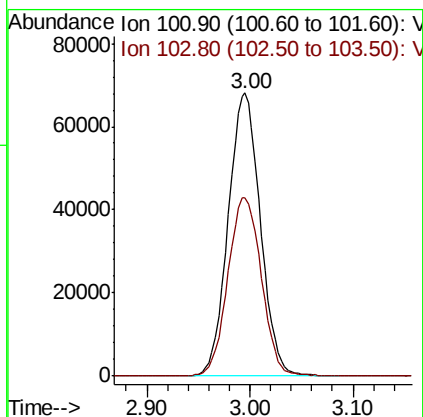
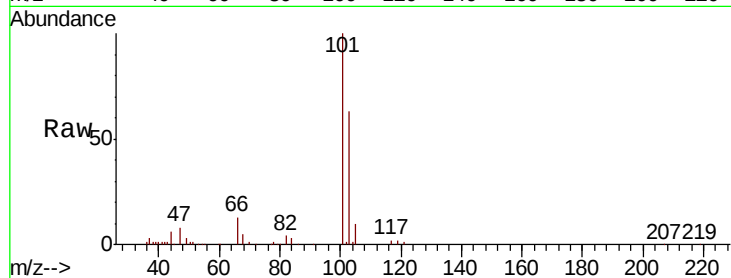


#7

Trichlorofluoromethane
 Concen: 19.428 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBSD01

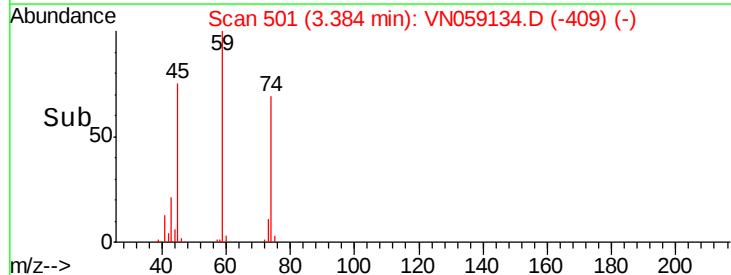
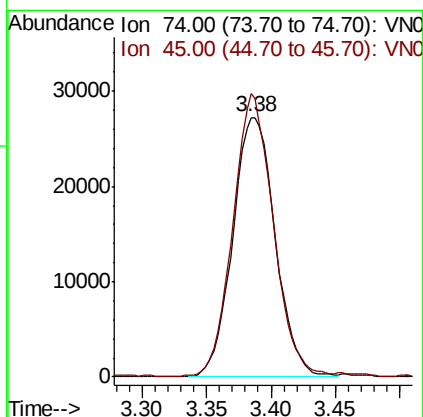
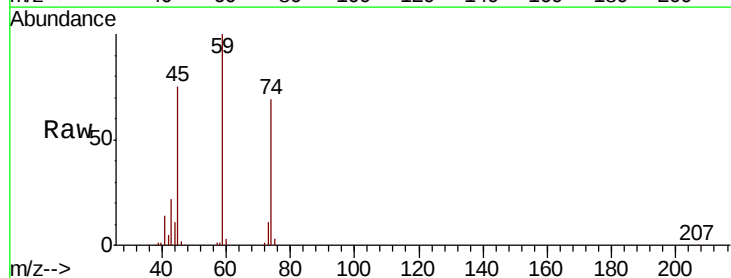
Tot Ion:101 Resp: 148030
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.2 76.8

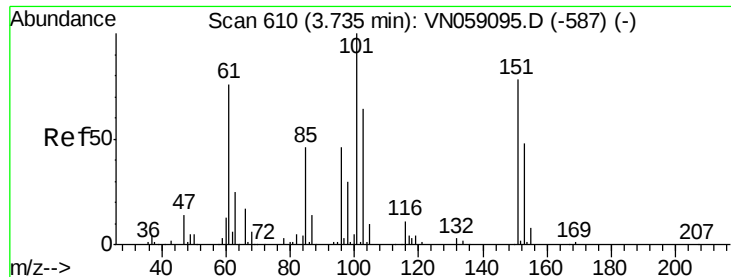


#8

Diethyl Ether
 Concen: 20.153 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

Tgt Ion: 74 Resp: 62394
 Ion Ratio Lower Upper
 74 100
 45 104.0 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.004 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

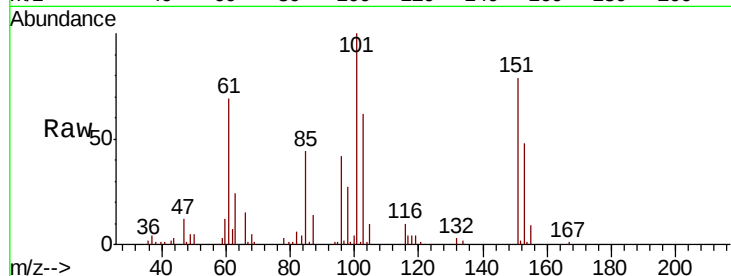
Tot Ion:101 Resp: 91903

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

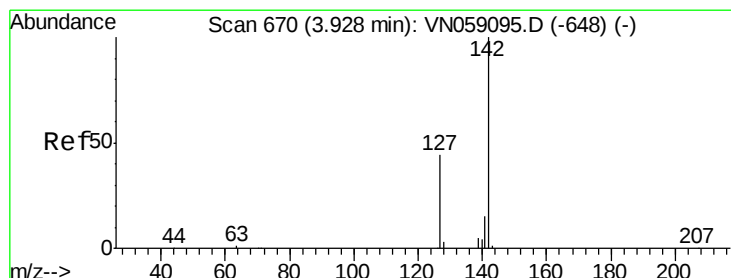
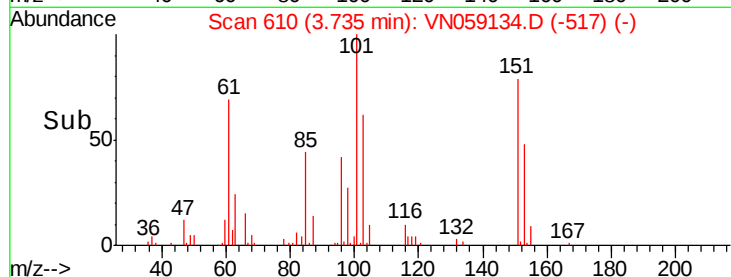
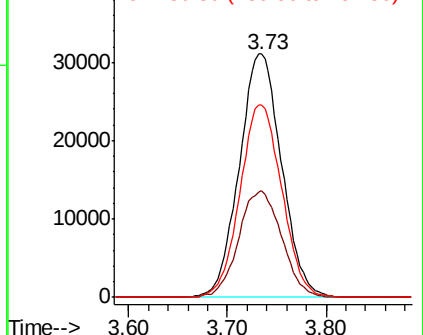
151 78.2 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.417 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

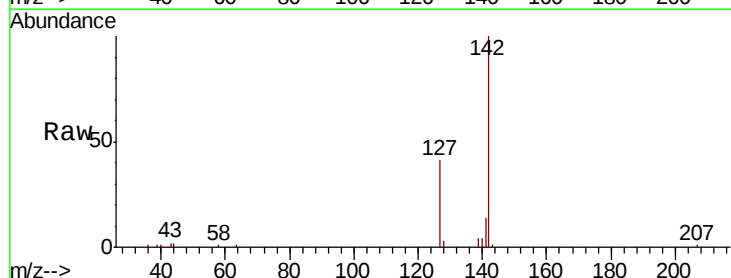
Tgt Ion:142 Resp: 99045

Ion Ratio Lower Upper

142 100

127 43.2 34.2 51.2

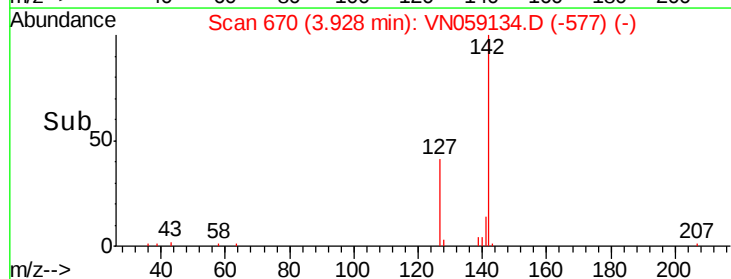
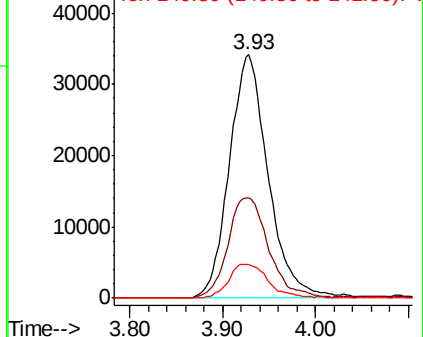
141 14.2 11.4 17.0

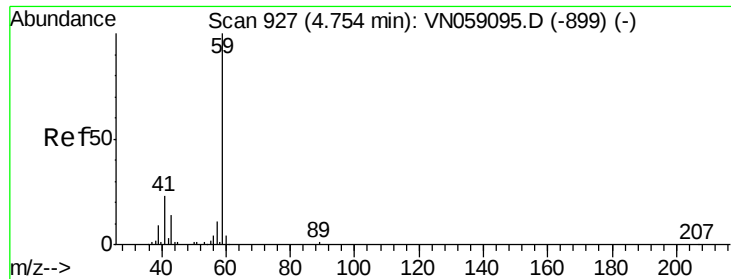


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

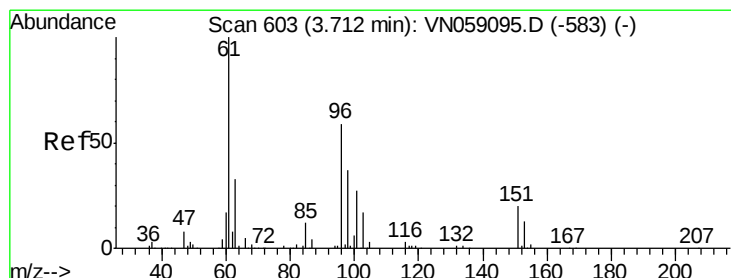
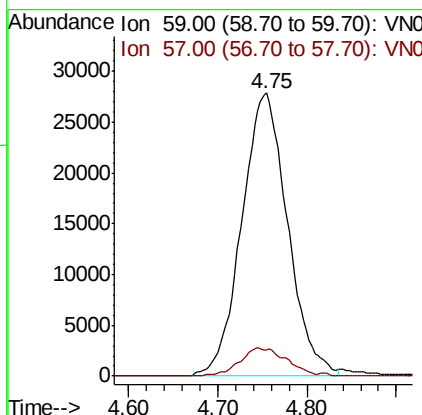
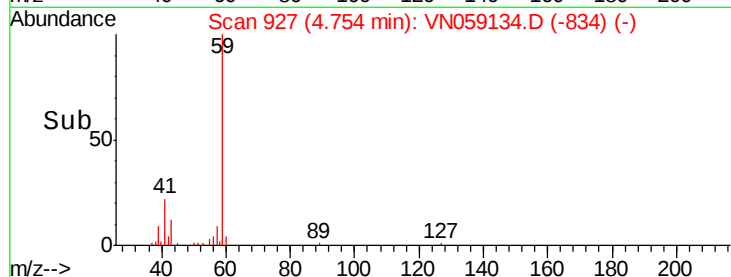
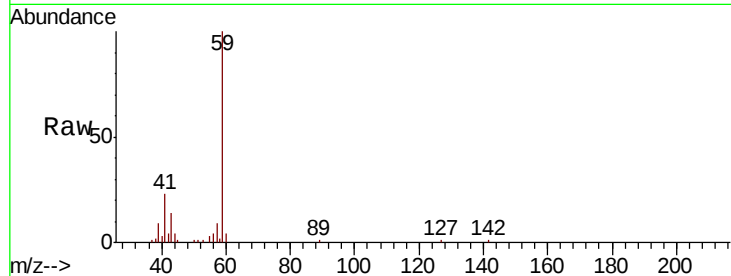




#11
Tert butyl alcohol
Concen: 88.559 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

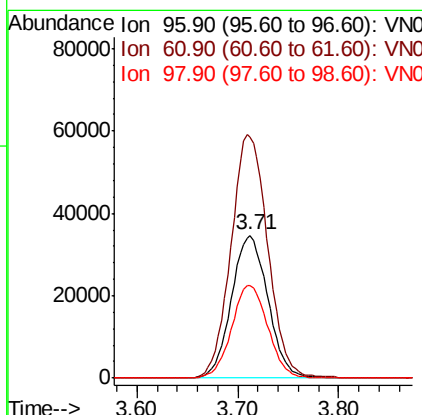
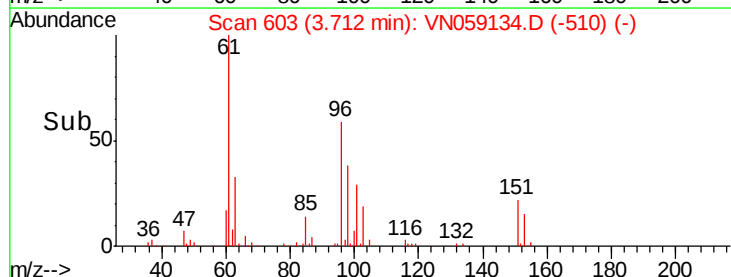
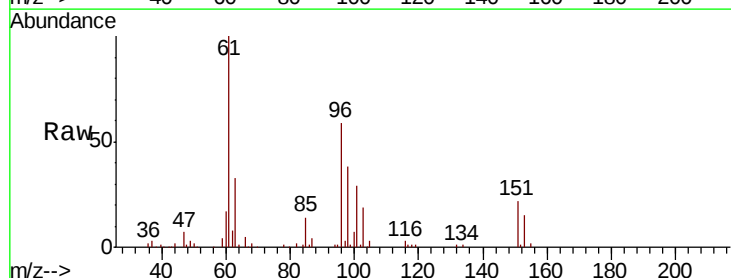
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

Tot Ion: 59 Resp: 99532
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.455 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 96 Resp: 87067
Ion Ratio Lower Upper
96 100
61 168.9 136.5 204.7
98 64.9 50.2 75.4





#13

Acrolein

Concen: 86.522 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

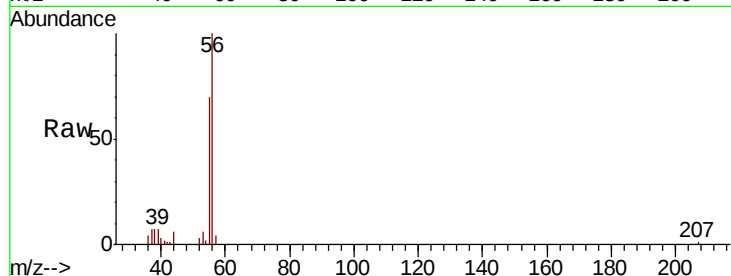
VN1108MBSD01

Tot Ion: 56 Resp: 50136

Ion Ratio Lower Upper

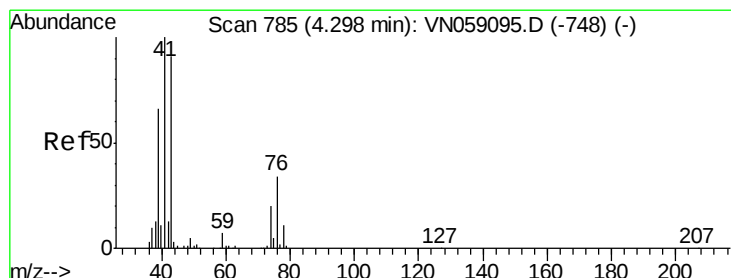
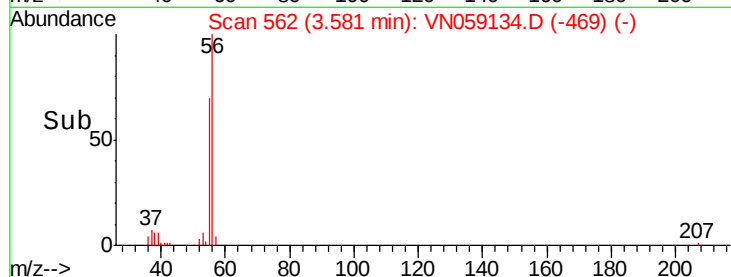
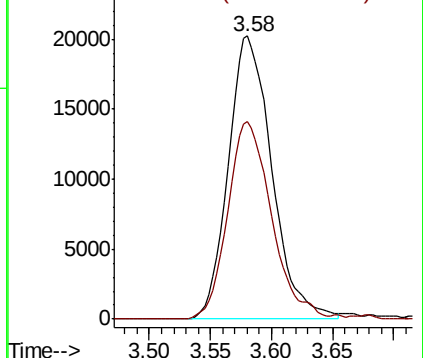
56 100

55 70.6 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.413 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

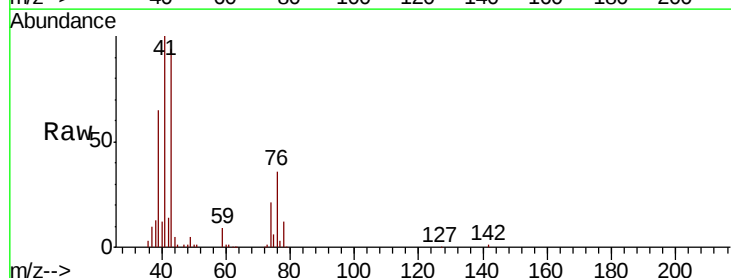
Tgt Ion: 41 Resp: 160070

Ion Ratio Lower Upper

41 100

39 66.5 49.1 73.7

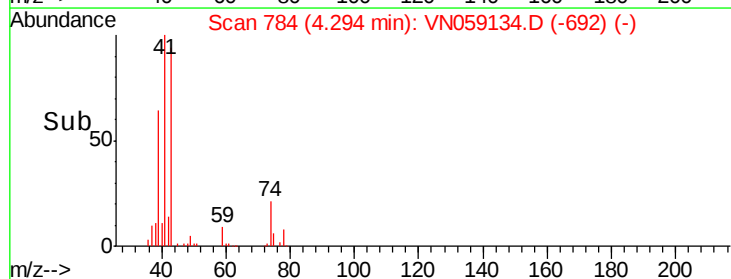
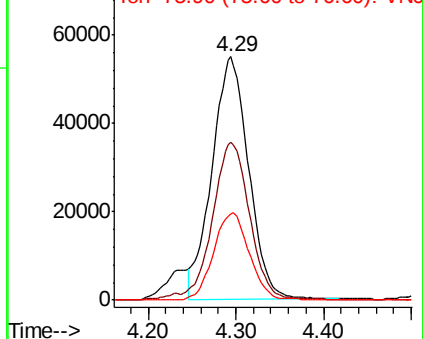
76 34.8 24.9 37.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 102.015 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

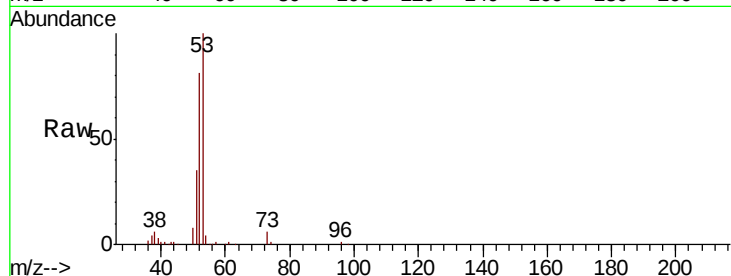
MSVOA_N

ClientSampleId :

VN1108MBSD01

Tot Ion: 53 Resp: 285337

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.0	97.6
51	35.1	28.0	42.0

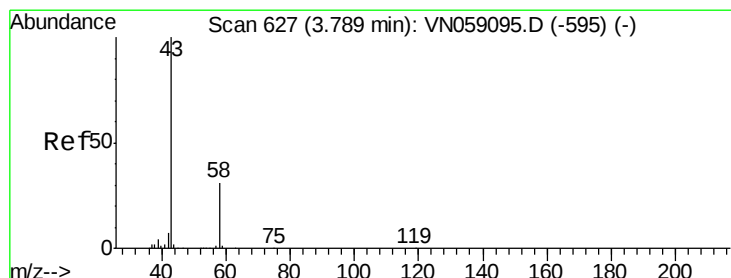
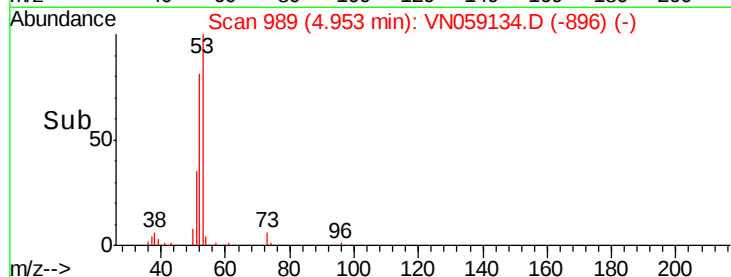
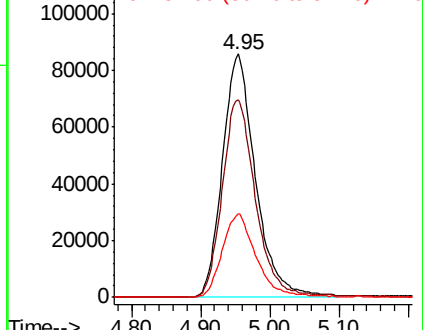


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 102.958 ug/l

RT: 3.79 min Scan# 626

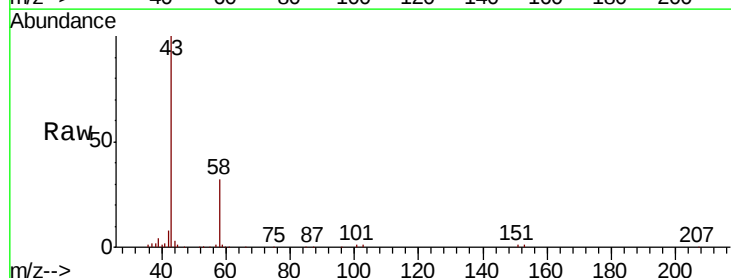
Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Tgt Ion: 43 Resp: 315742

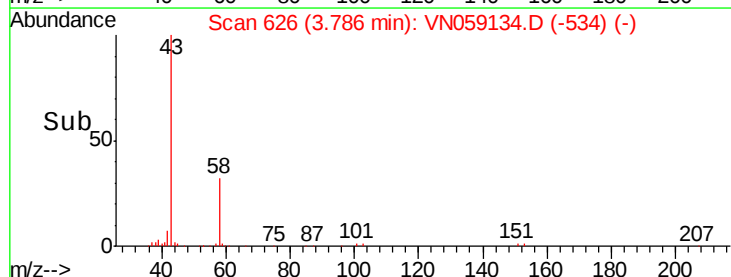
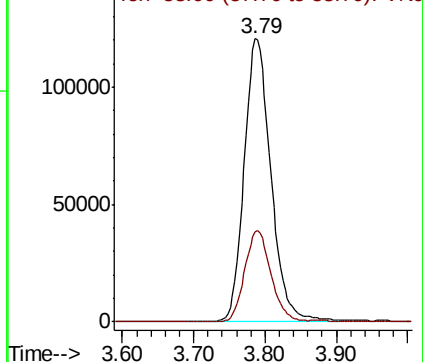
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.9	37.3

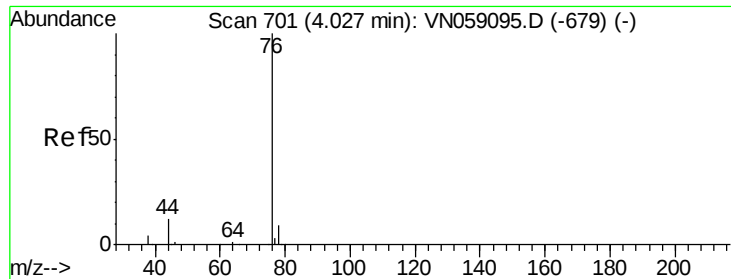


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

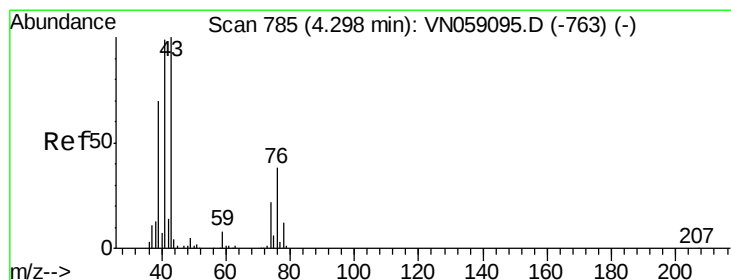
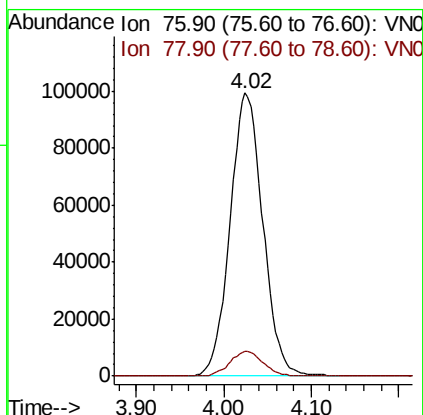
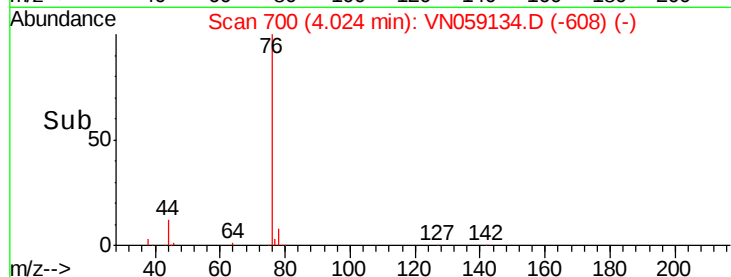
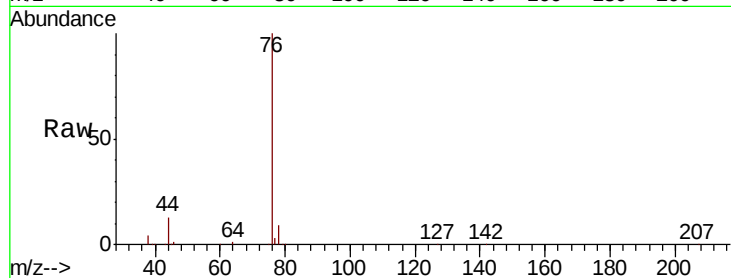




#17
Carbon Disulfide
Concen: 18.618 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

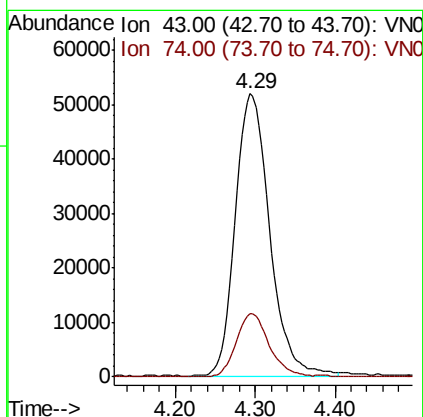
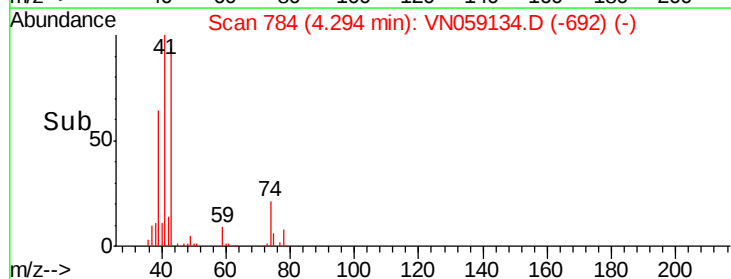
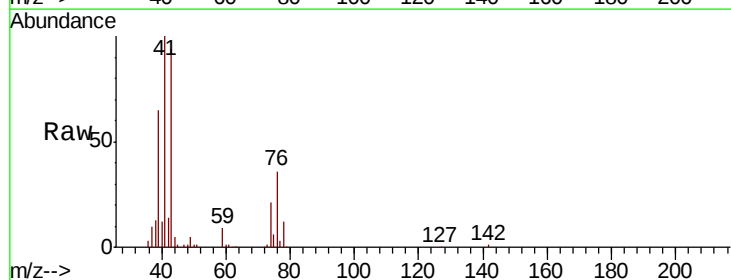
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

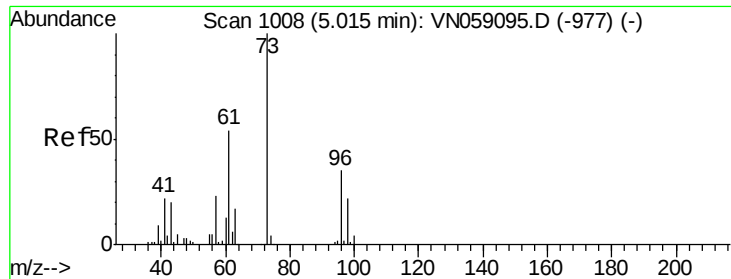
Tot Ion: 76 Resp: 258646
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 20.991 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 43 Resp: 152800
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.8

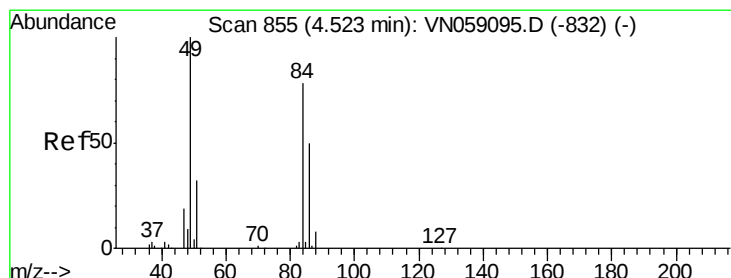
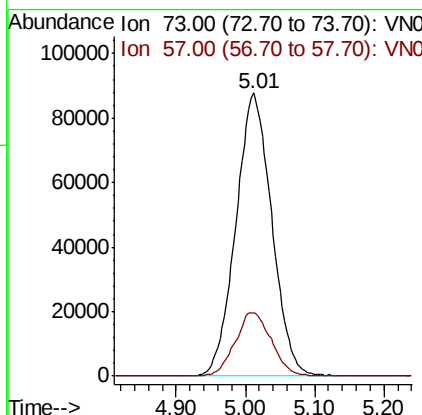
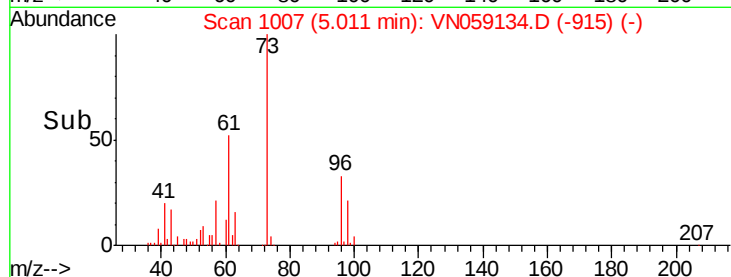
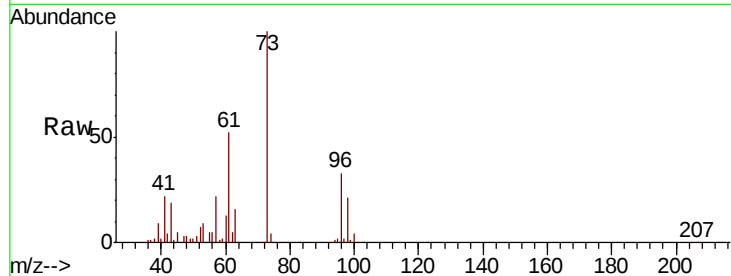




#19
Methyl tert-butyl Ether
Concen: 20.524 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

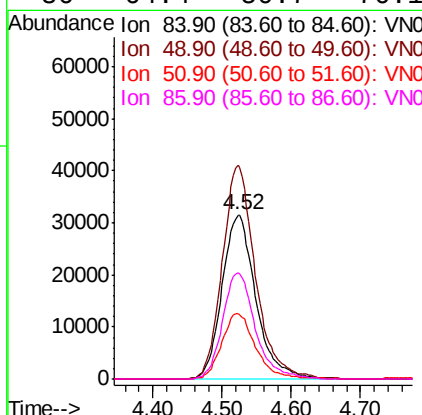
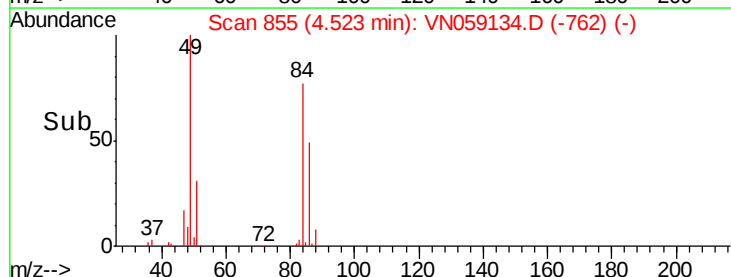
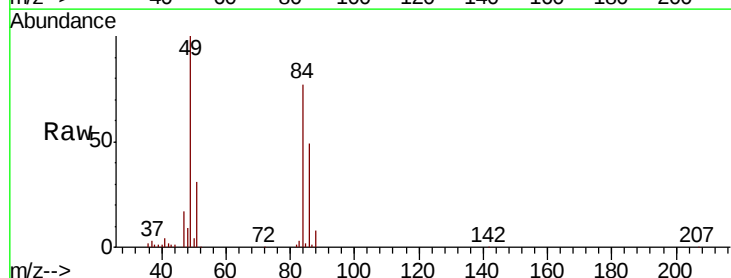
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

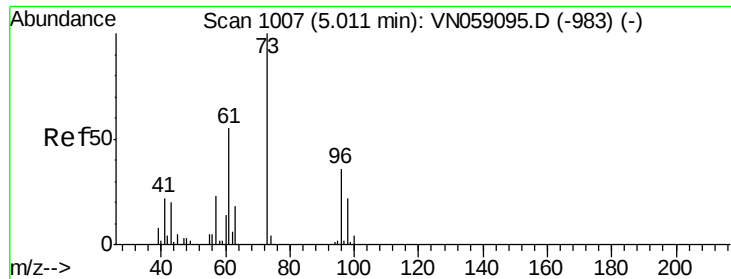
Tot Ion: 73 Resp: 316226
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 19.987 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 84 Resp: 106784
Ion Ratio Lower Upper
84 100
49 130.2 102.0 153.0
51 39.7 32.2 48.2
86 64.4 50.7 76.1

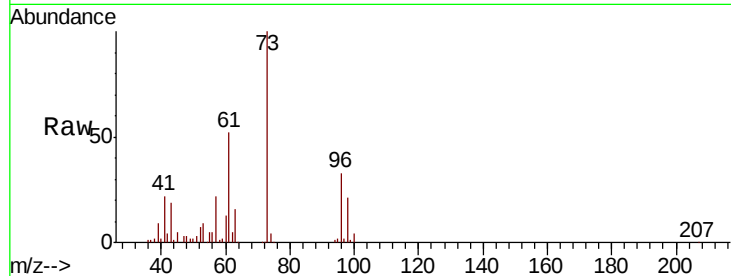




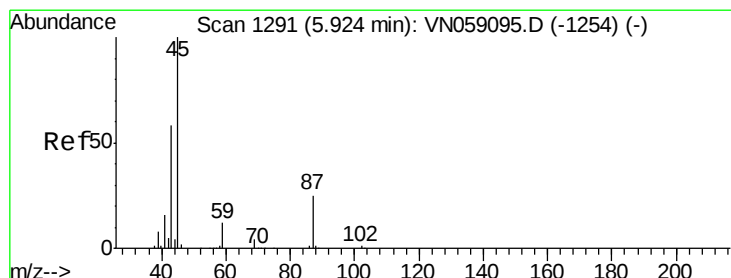
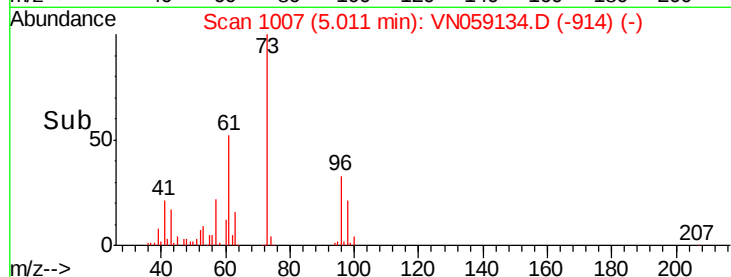
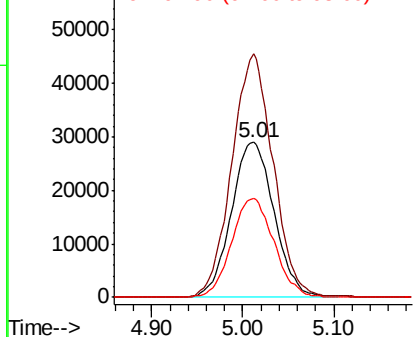
#21
trans-1,2-Dichloroethene
Concen: 19.678 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

Tot Ion: 96 Resp: 94528
Ion Ratio Lower Upper
96 100
61 156.9 122.6 183.8
98 63.6 50.3 75.5

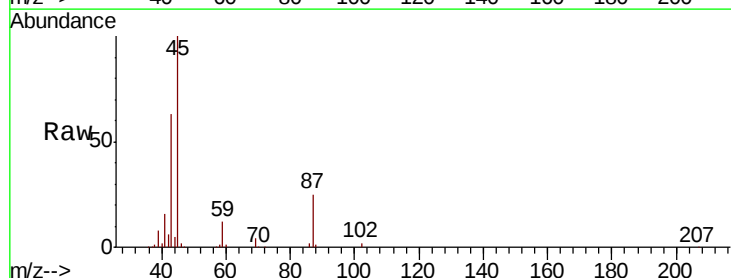


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

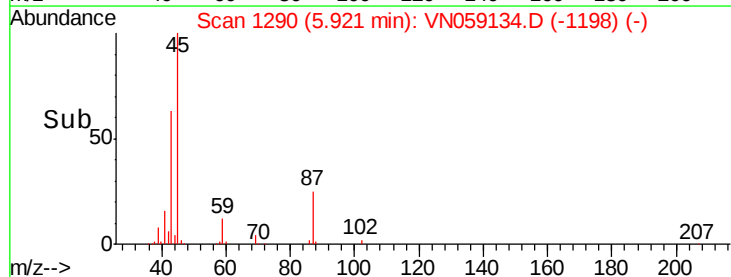
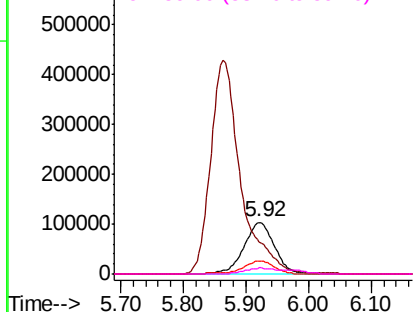


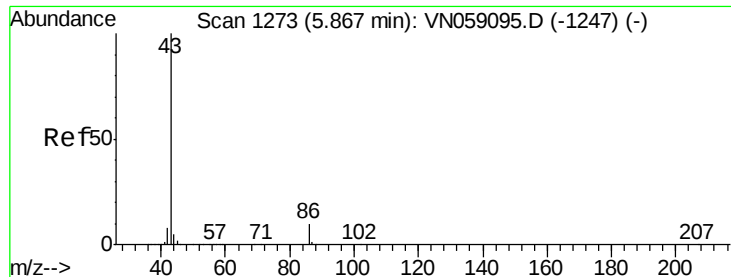
#22
Diisopropyl ether
Concen: 20.108 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 45 Resp: 349152
Ion Ratio Lower Upper
45 100
43 61.4 46.7 70.1
87 25.1 20.5 30.7
59 11.4 9.6 14.4



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





#23

Vinyl Acetate

Concen: 106.433 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

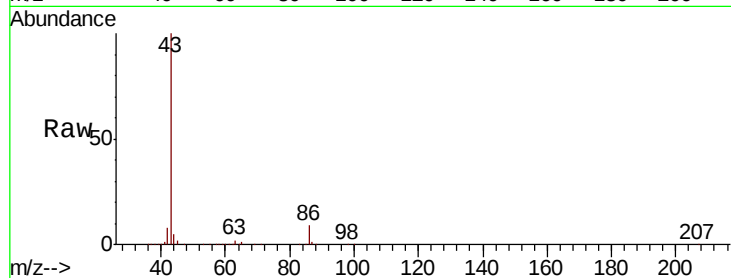
VN1108MBSD01

Tot Ion: 43 Resp: 1432304

Ion Ratio Lower Upper

43 100

86 9.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059134.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059134.D (-1180) (-)

5.86

400000

300000

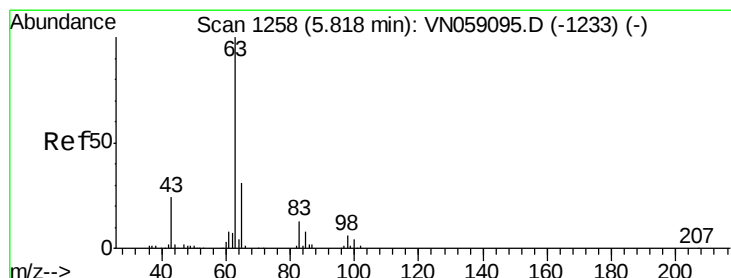
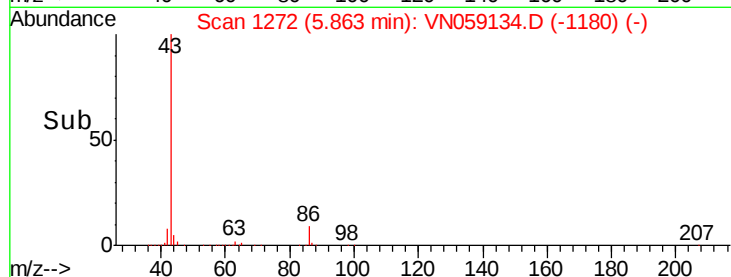
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.843 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

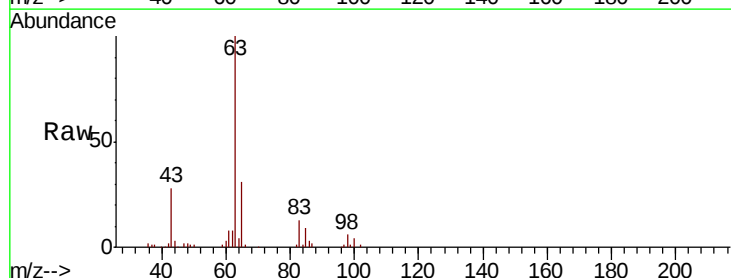
Tgt Ion: 63 Resp: 192446

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.2 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059134.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059134.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059134.D (-1165) (-)

5.82

80000

60000

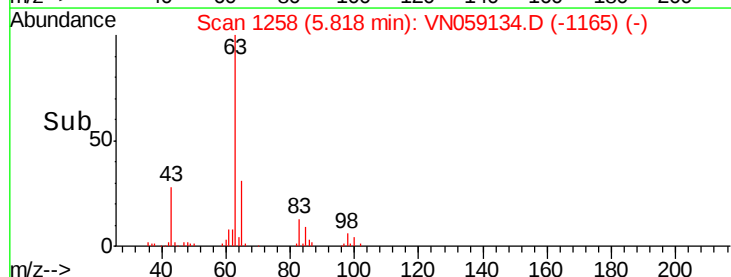
40000

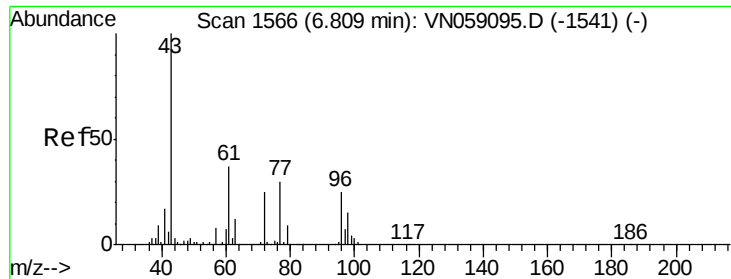
20000

0

5.70 5.80 5.90

Time-->

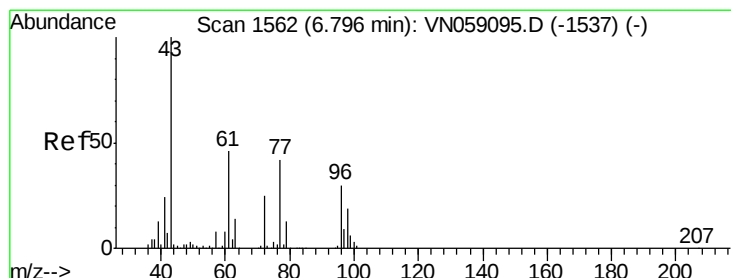
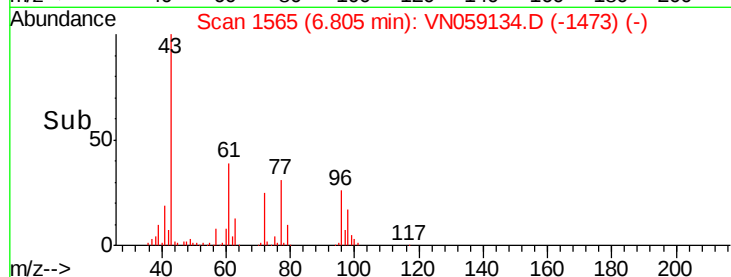
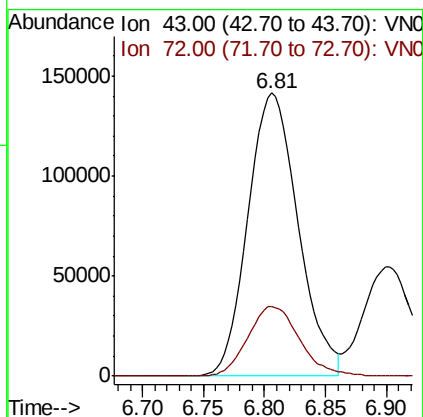
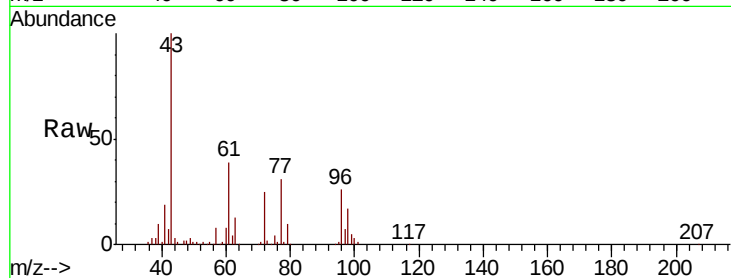




#25
2-Butanone
Concen: 99.661 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

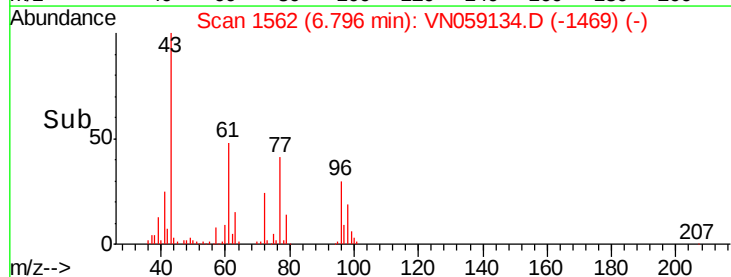
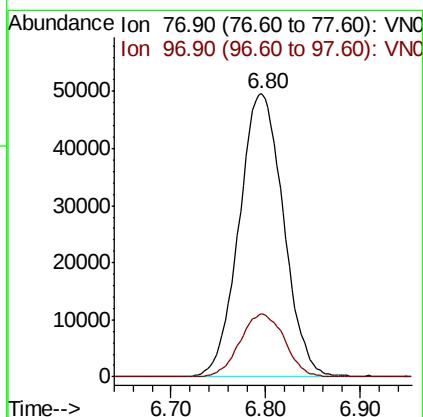
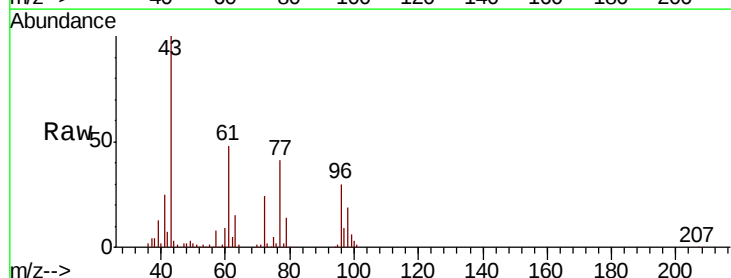
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

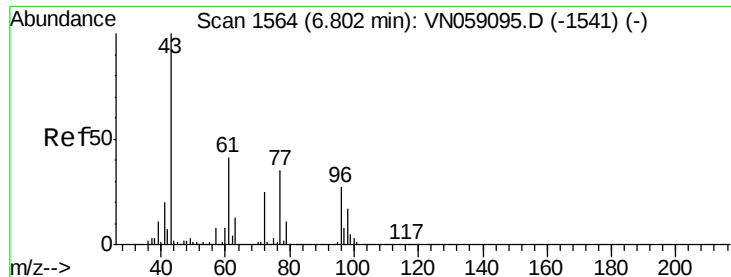
Tot Ion: 43 Resp: 402805
Ion Ratio Lower Upper
43 100
72 24.6 20.3 30.5



#26
2,2-Dichloropropane
Concen: 19.019 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 77 Resp: 161283
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.720 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

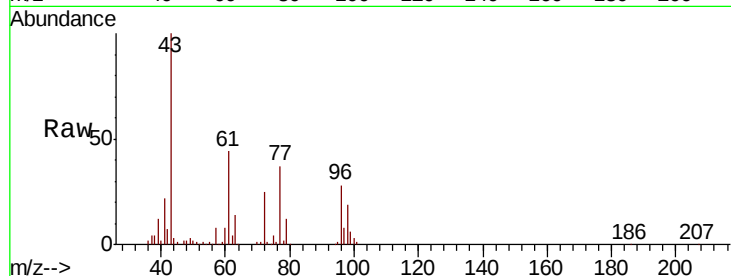
Tot Ion: 96 Resp: 109904

Ion Ratio Lower Upper

96 100

61 157.6 0.0 311.6

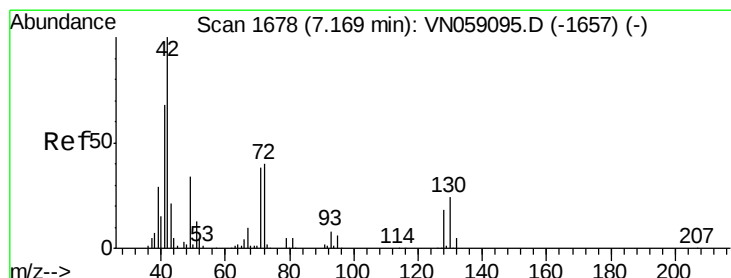
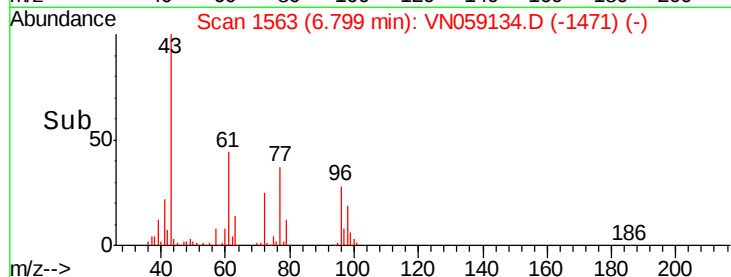
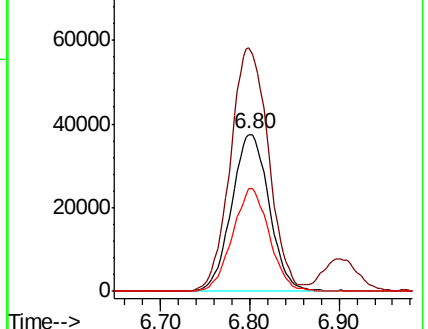
98 64.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN059134.D (-1471) (-)

Ion 60.90 (60.60 to 61.60): VN059134.D (-1471) (-)

Ion 97.90 (97.60 to 98.60): VN059134.D (-1471) (-)



#28

Bromochloromethane

Concen: 19.594 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

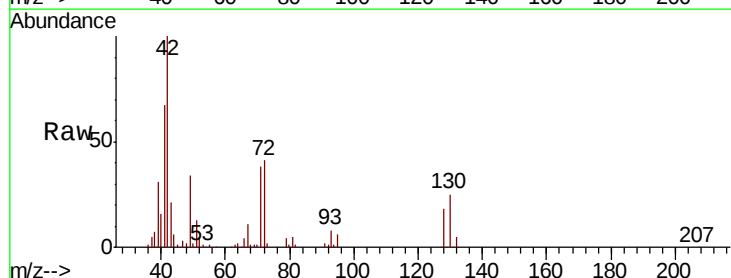
Tgt Ion: 49 Resp: 57172

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

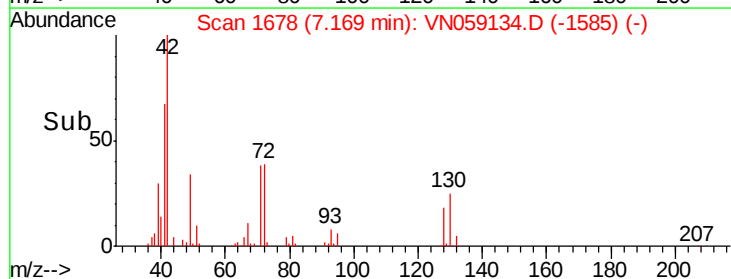
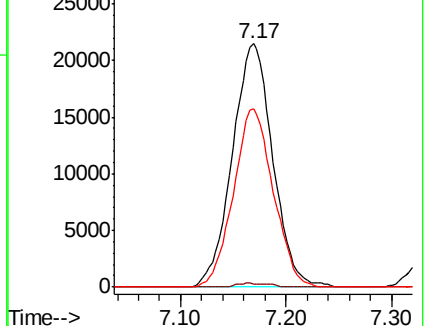
130 71.9 55.6 83.4

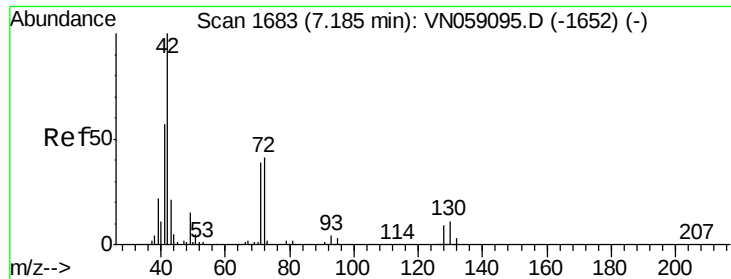


Abundance Ion 48.90 (48.60 to 49.60): VN059134.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059134.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059134.D (-1585) (-)

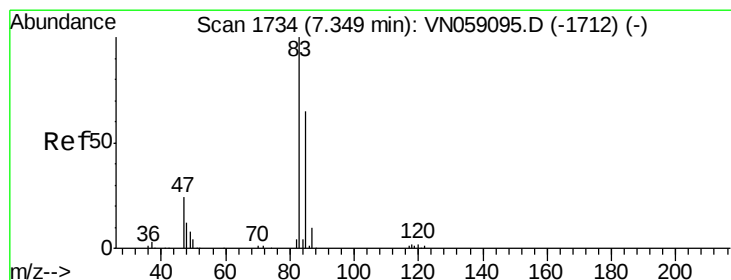
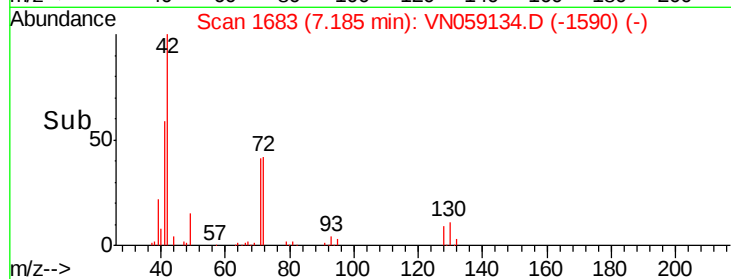
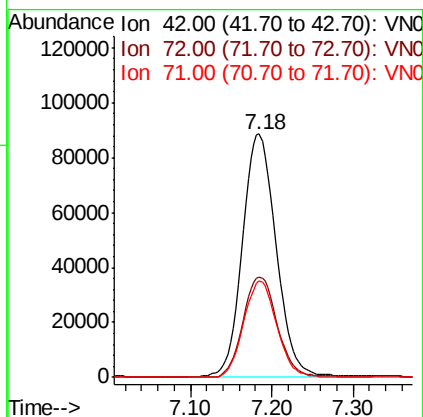
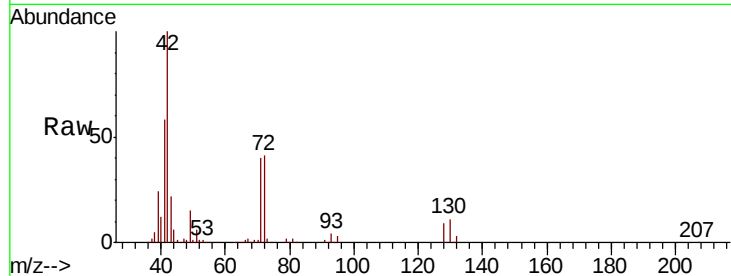




#29
Tetrahydrofuran
Concen: 98.647 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

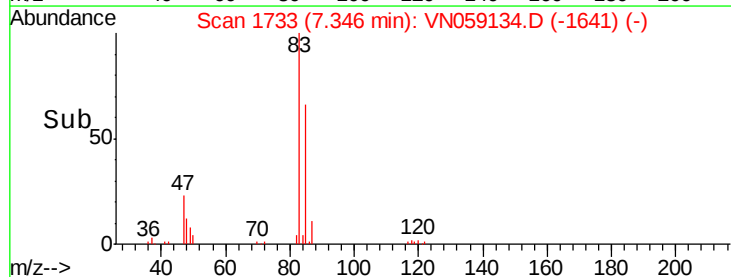
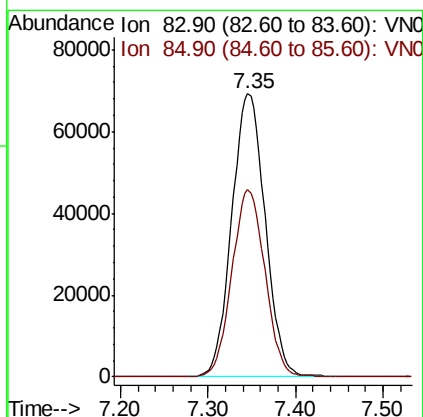
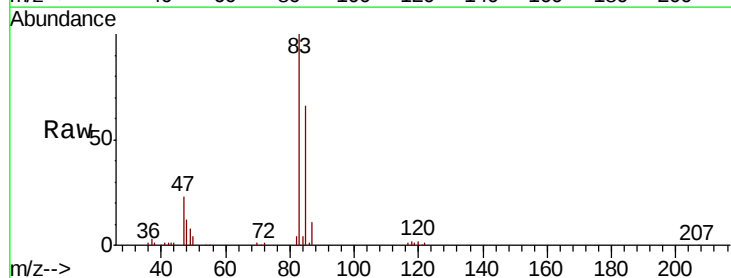
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

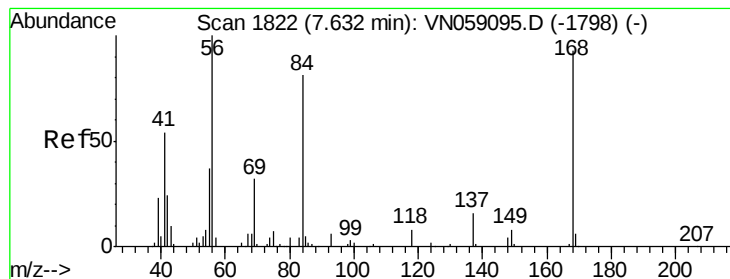
Tot Ion: 42 Resp: 253338
Ion Ratio Lower Upper
42 100
72 41.8 33.1 49.7
71 38.7 30.9 46.3



#30
Chloroform
Concen: 19.752 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 83 Resp: 183761
Ion Ratio Lower Upper
83 100
85 66.0 51.8 77.8





#31

Cyclohexane

Concen: 19.399 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleID :

VN1108MBSD01

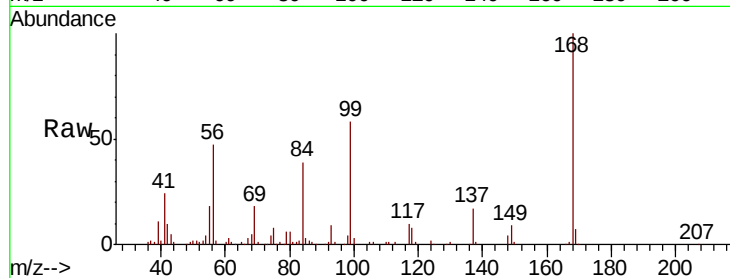
Tot Ion: 56 Resp: 178103

Ion Ratio Lower Upper

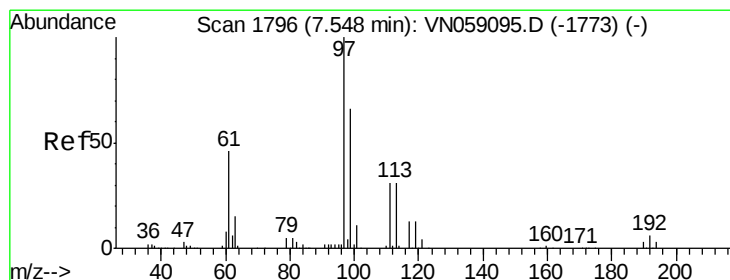
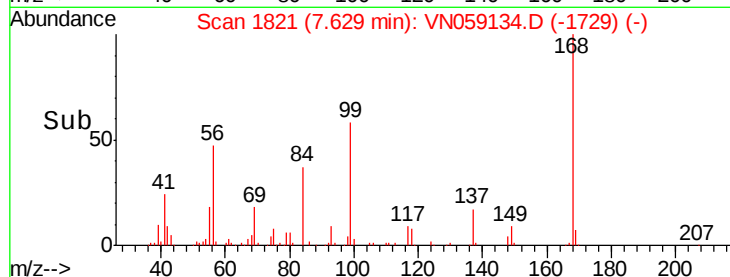
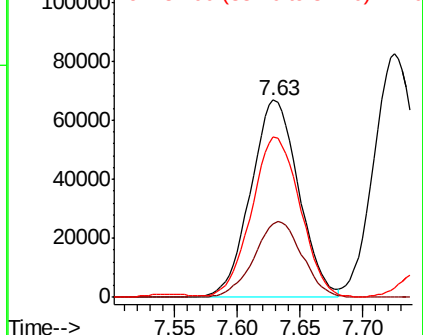
56 100

69 37.1 25.8 38.8

84 80.2 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: 20.377 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

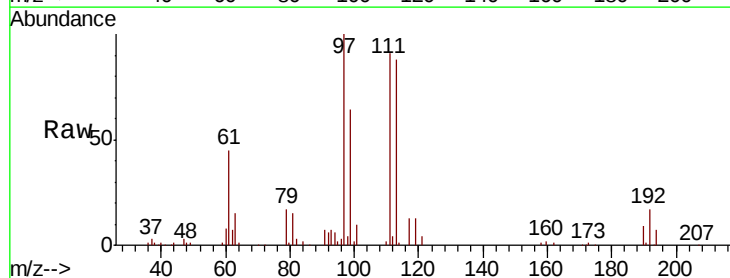
Tgt Ion: 97 Resp: 159379

Ion Ratio Lower Upper

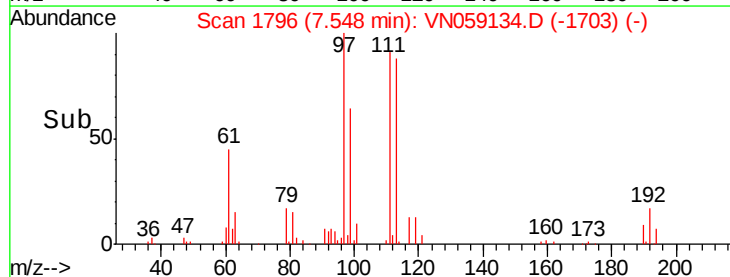
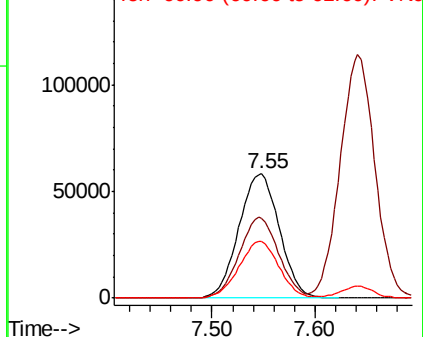
97 100

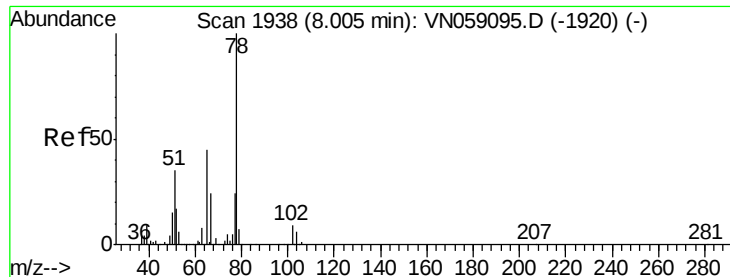
99 63.2 51.0 76.6

61 45.1 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

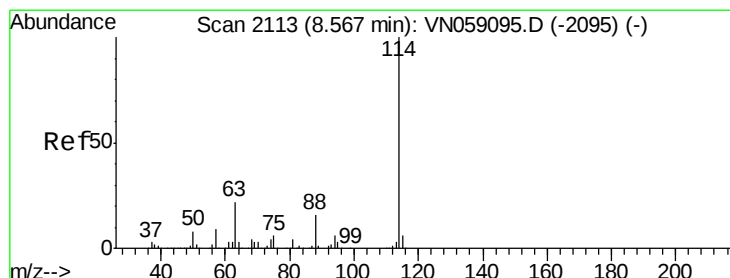
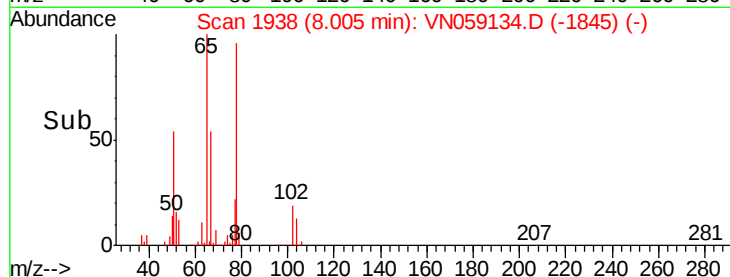
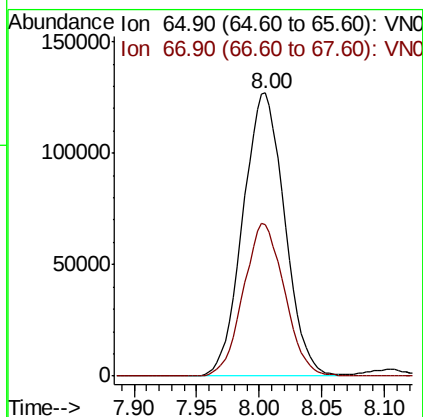
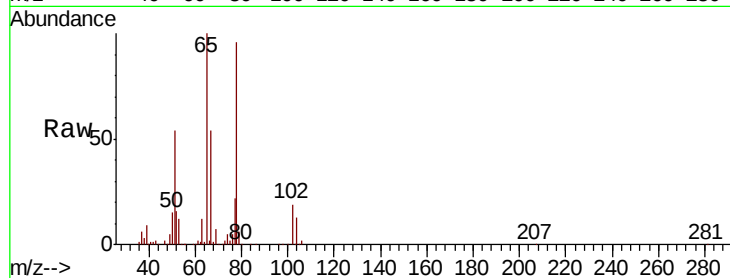




#33
 1,2-Dichloroethane-d4
 Concen: 49.955 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

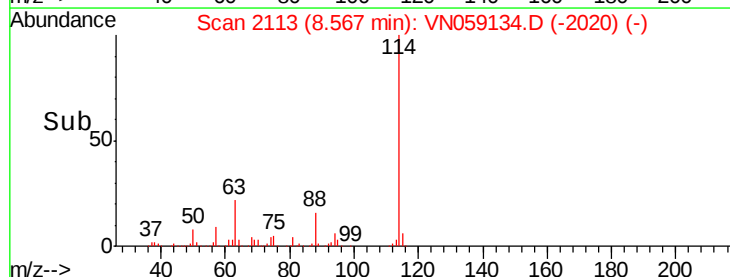
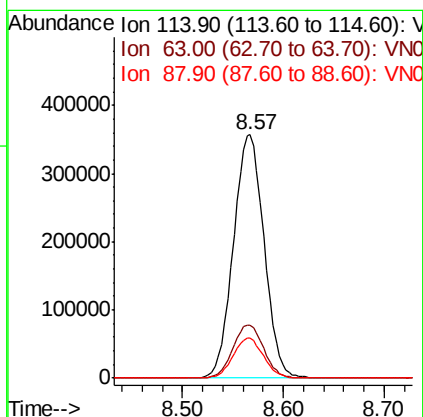
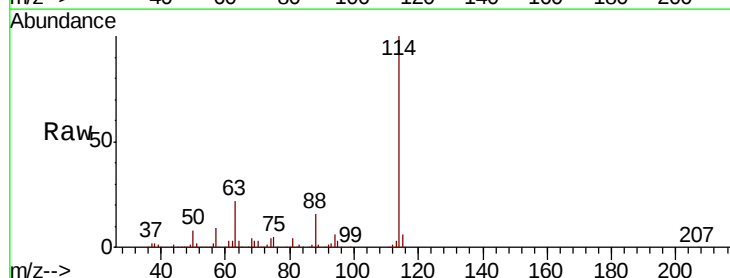
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBSD01

Tot Ion: 65 Resp: 294602
 Ion Ratio Lower Upper
 65 100
 67 53.2 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: VN059134.D
 Acq: 8 Nov 2019 10:31

Tgt Ion: 114 Resp: 753327
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.4
 88 16.5 0.0 32.2

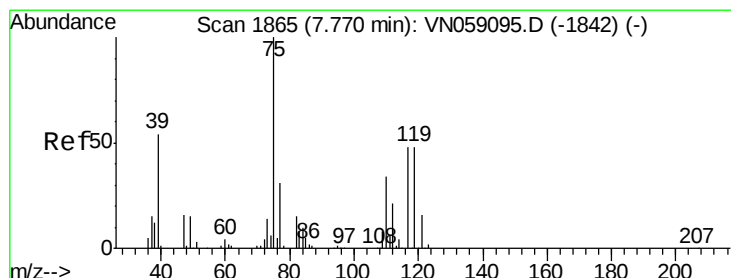
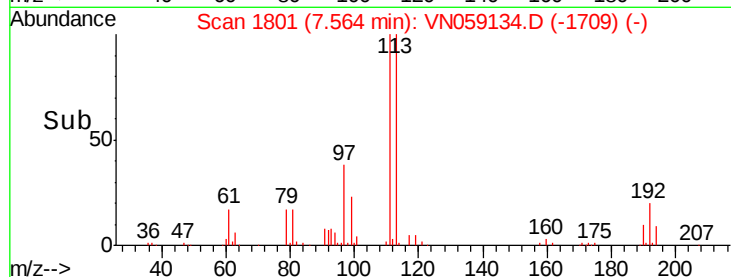
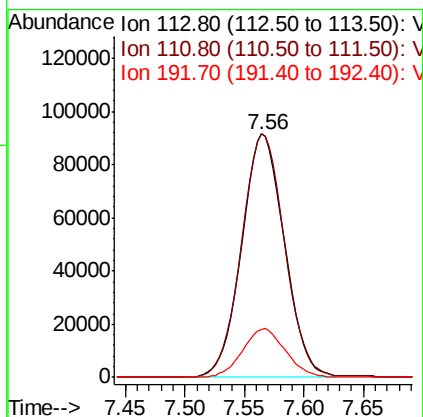
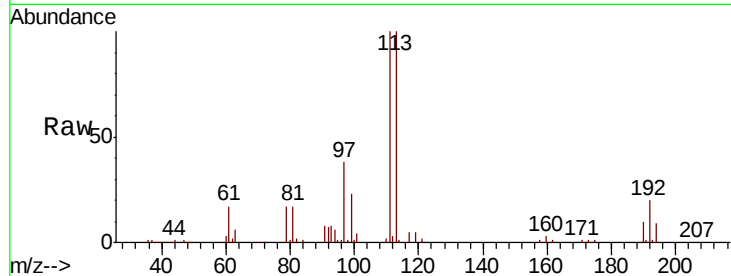




#35
 Dibromofluoromethane
 Concen: 50.649 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

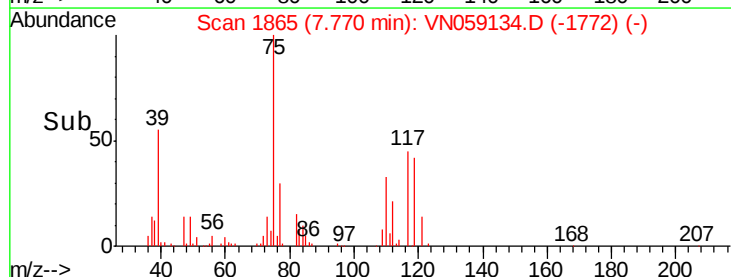
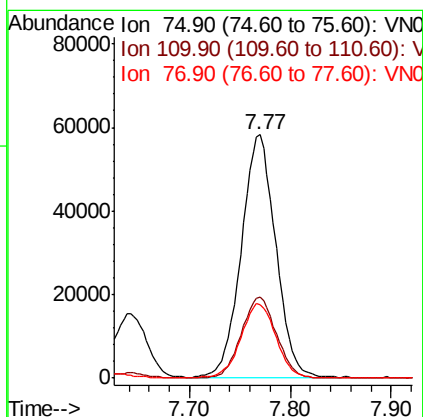
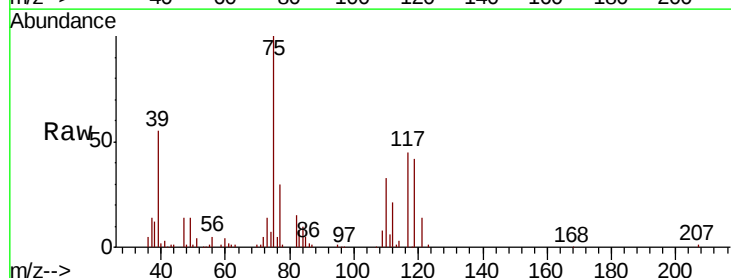
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBSD01

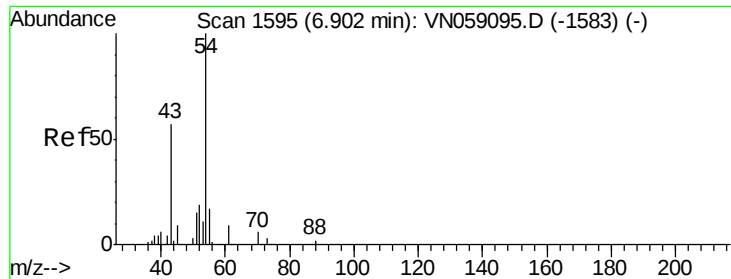
Tot Ion:113 Resp: 227822
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.8 124.2
 192 20.0 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 19.446 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

Tgt Ion: 75 Resp: 136924
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.1 51.2
 77 31.3 24.8 37.2

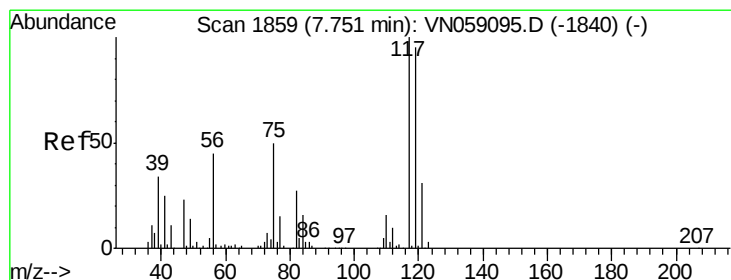
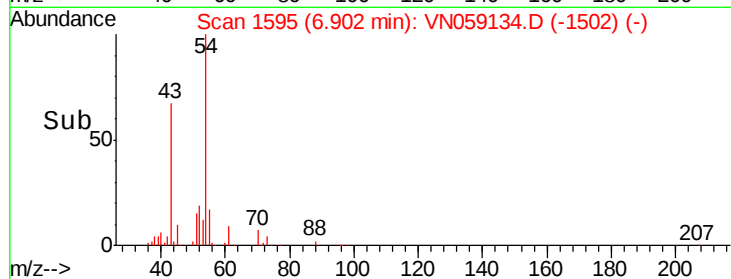
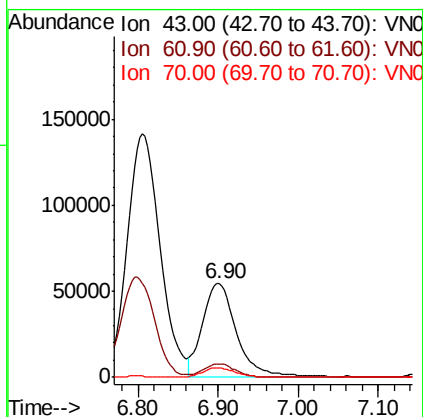
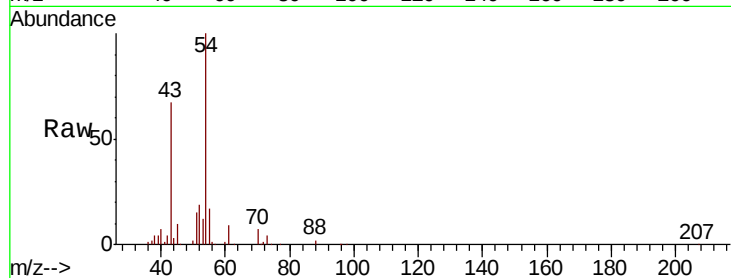




#37
Ethyl Acetate
Concen: 20.331 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

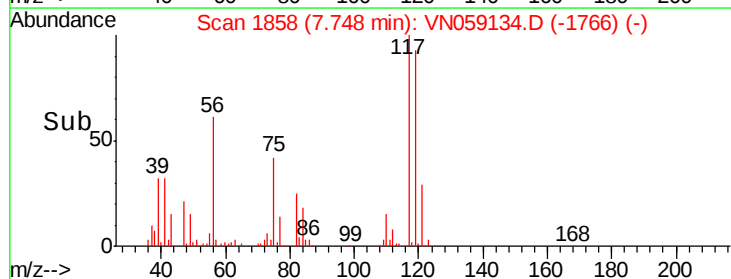
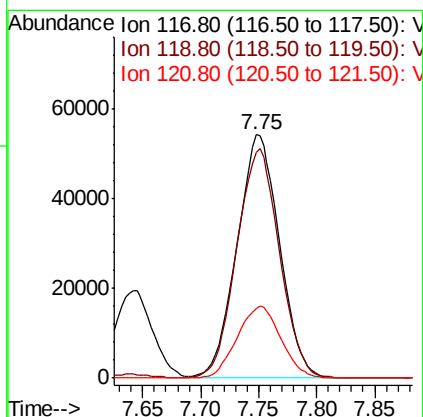
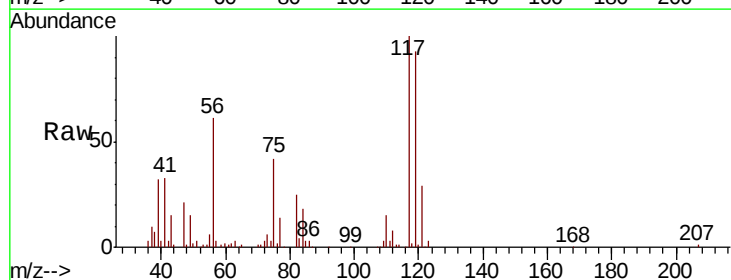
Instrument :
MSVOA_N
ClientSampled :
VN1108MBSD01

Tot Ion: 43 Resp: 159261
Ion Ratio Lower Upper
43 100
61 13.3 11.2 16.8
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.738 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 117 Resp: 138331
Ion Ratio Lower Upper
117 100
119 92.7 75.6 113.4
121 28.7 24.6 36.8

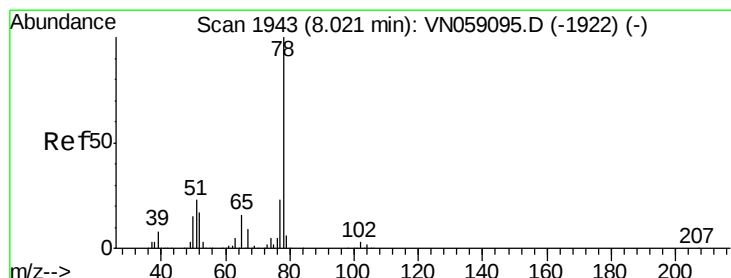
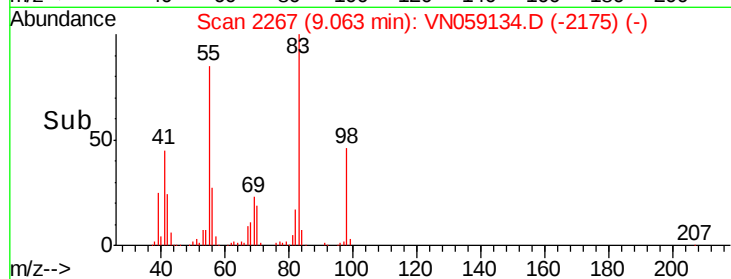
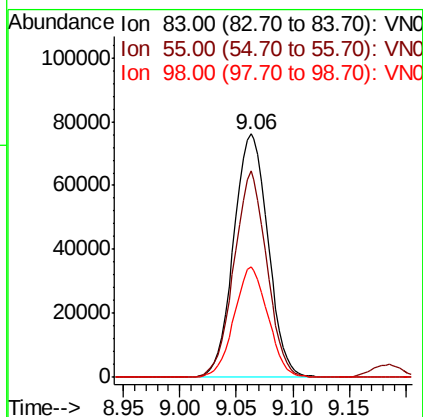
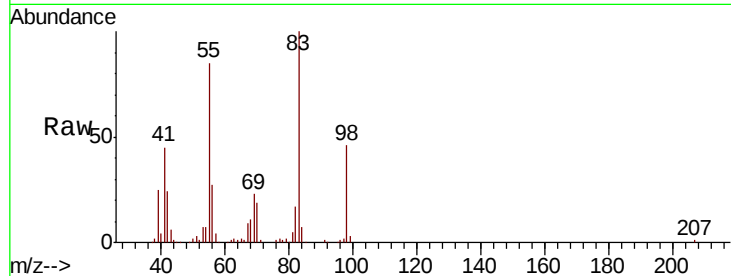




#39
Methvlcvclohexane
Concen: 19.729 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

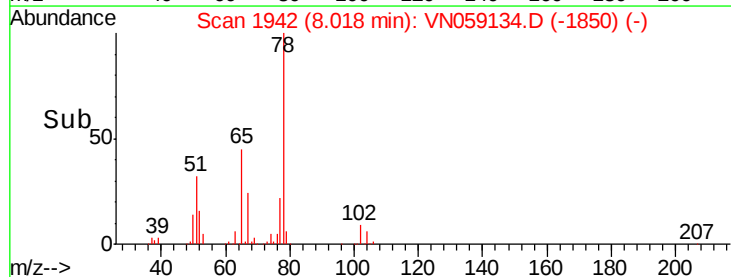
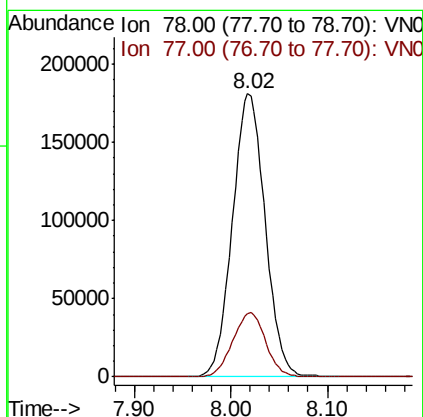
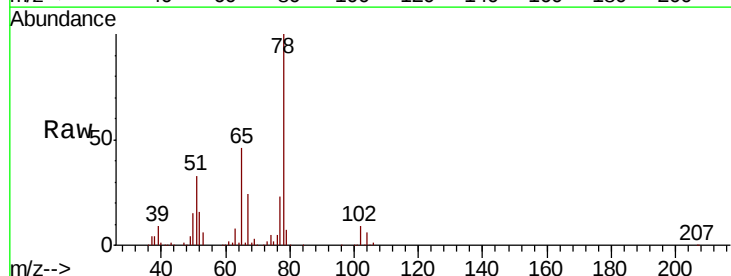
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

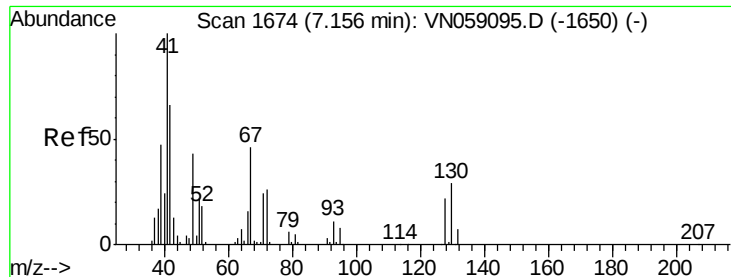
Tot Ion: 83 Resp: 161231
Ion Ratio Lower Upper
83 100
55 84.8 63.9 95.9
98 45.6 35.6 53.4



#40
Benzene
Concen: 20.043 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 78 Resp: 425001
Ion Ratio Lower Upper
78 100
77 22.5 18.8 28.2

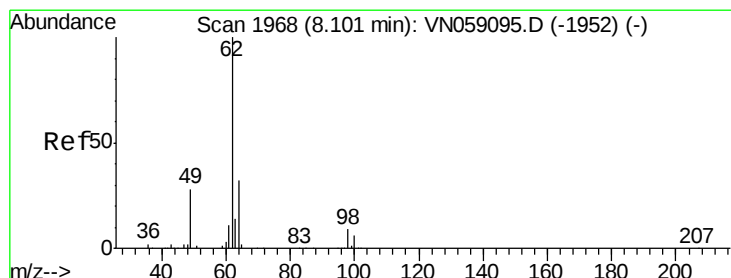
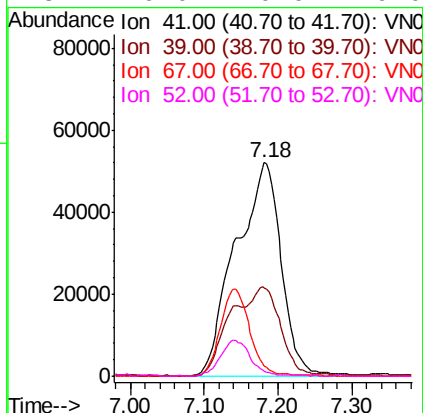
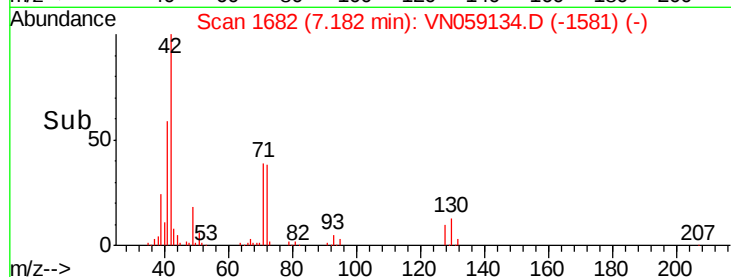
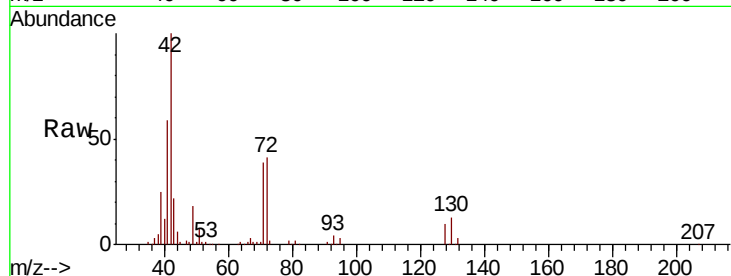




#41
Methacrylonitrile
Concen: 65.560 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

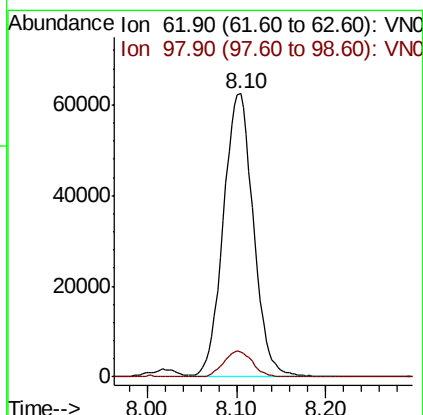
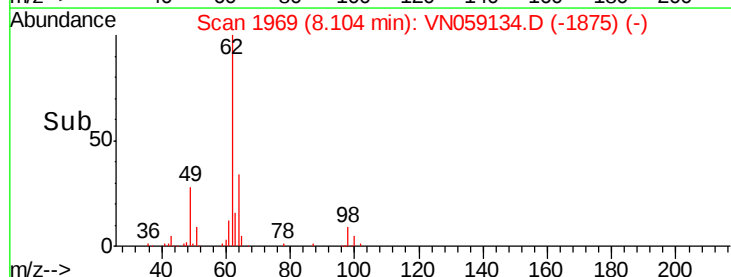
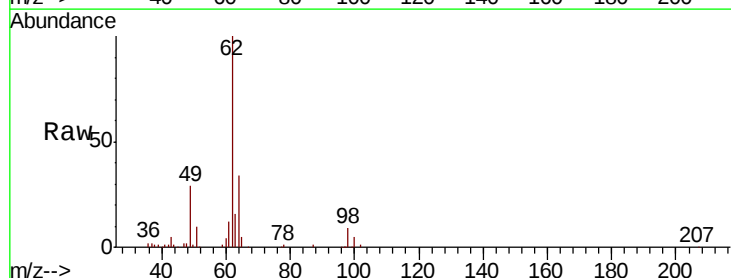
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

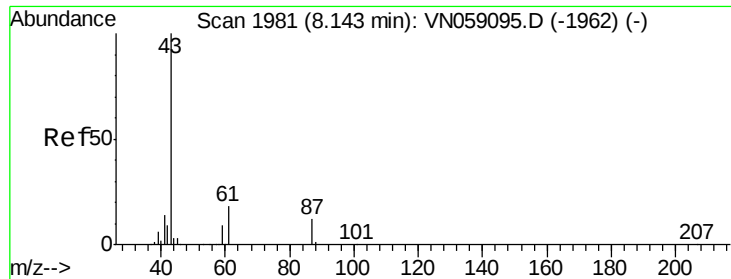
Tot Ion:	41	Resp:	223316
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.119 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion:	62	Resp:	146311
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.575 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

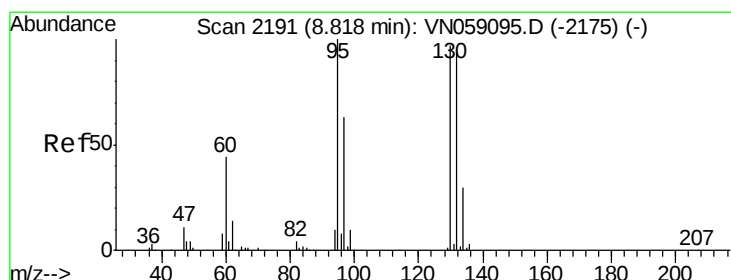
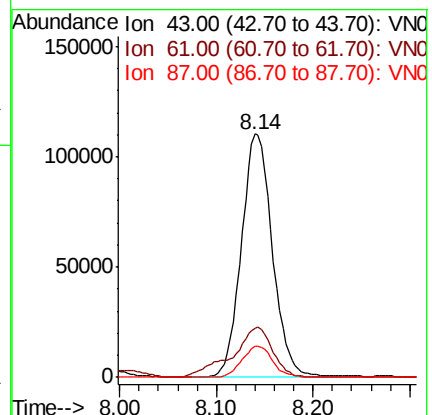
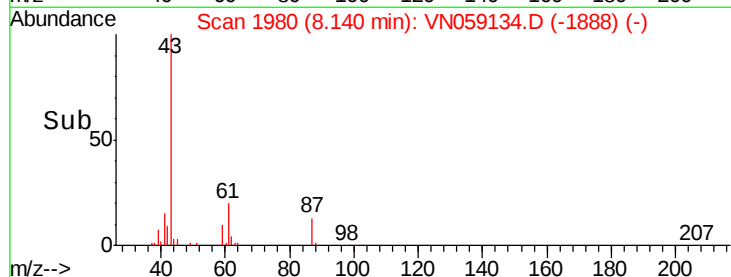
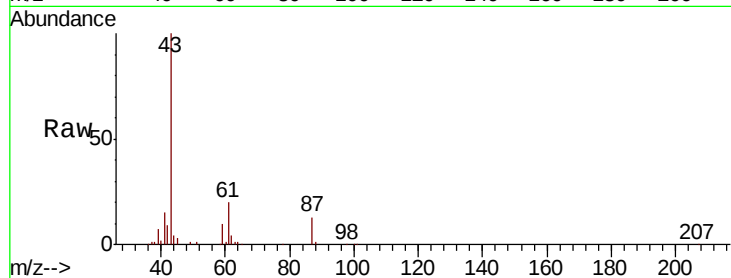
Tot Ion: 43 Resp: 244456

Ion Ratio Lower Upper

43 100

61 27.0 21.0 31.6

87 12.6 9.8 14.6



#44

Trichloroethene

Concen: 20.029 ug/l

RT: 8.82 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059134.D

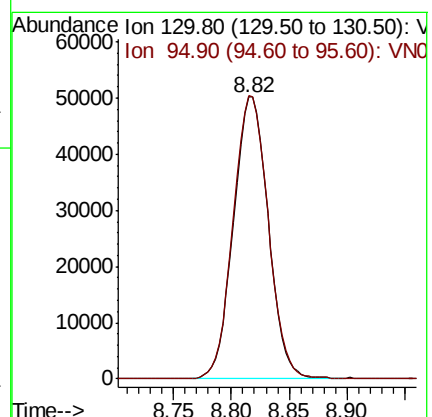
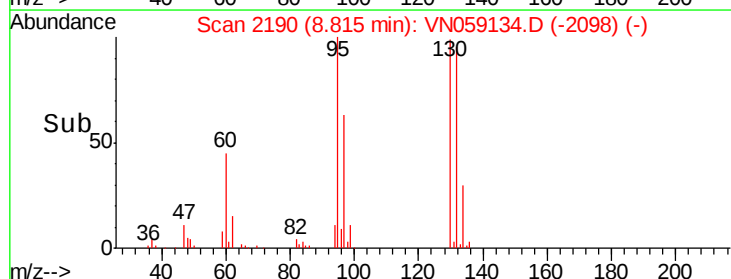
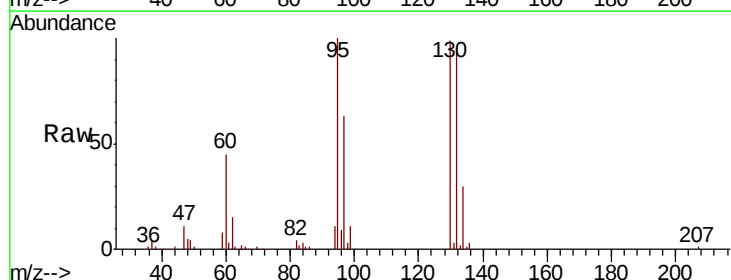
Acq: 8 Nov 2019 10:31

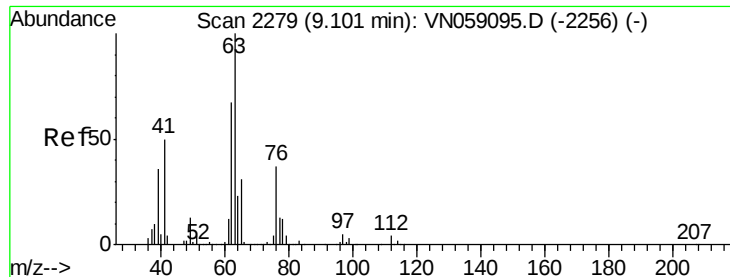
Tgt Ion: 130 Resp: 104397

Ion Ratio Lower Upper

130 100

95 100.5 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.189 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

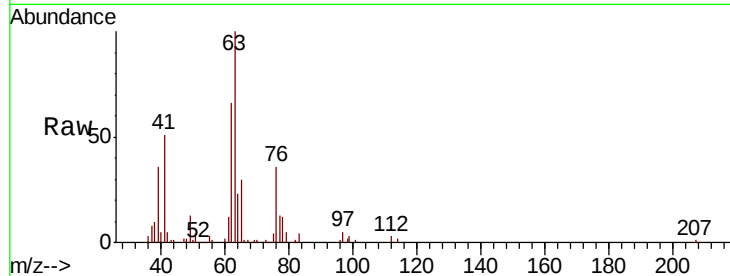
VN1108MBSD01

Tot Ion: 63 Resp: 116277

Ion Ratio Lower Upper

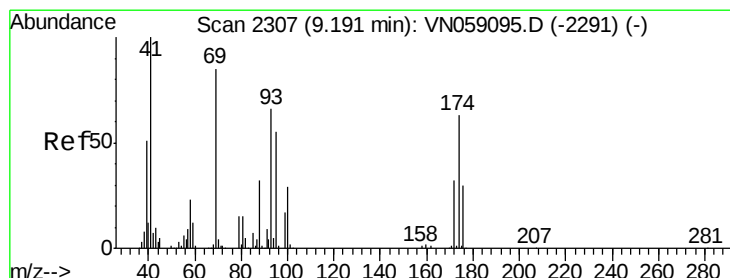
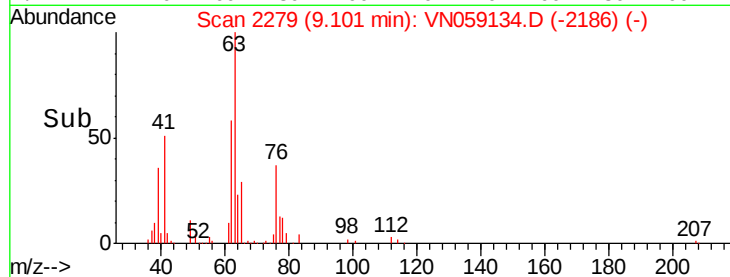
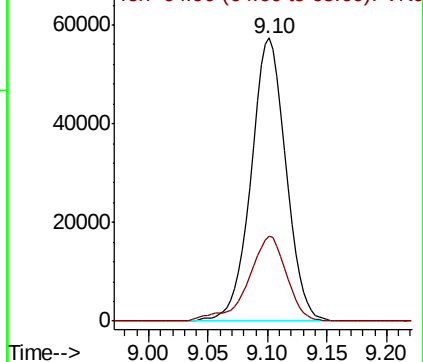
63 100

65 30.1 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 19.936 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

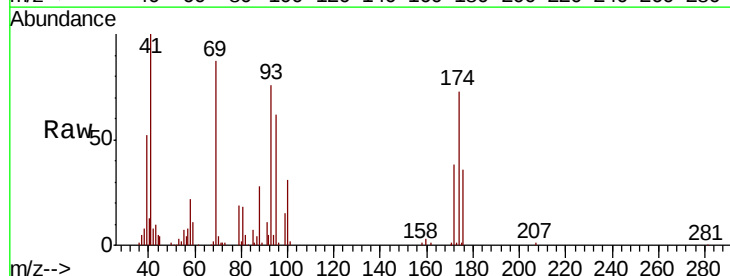
Tgt Ion: 93 Resp: 71551

Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

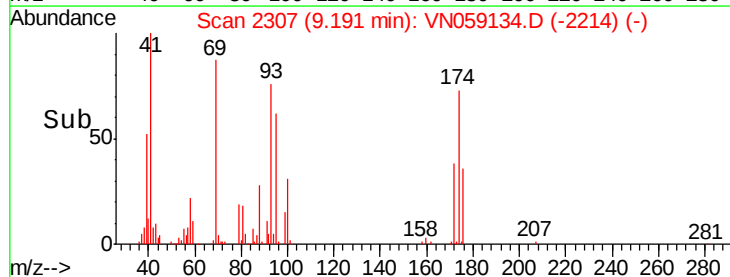
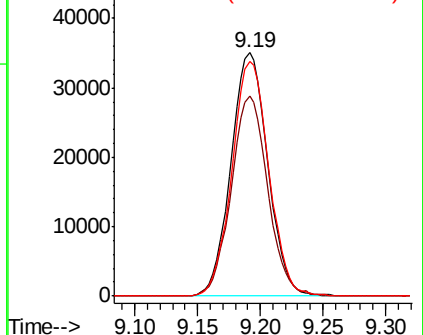
174 96.5 78.2 117.2

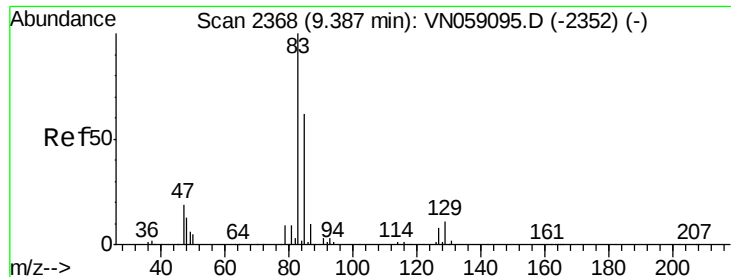


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): V

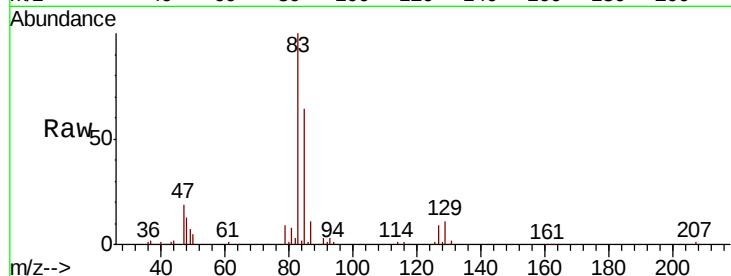




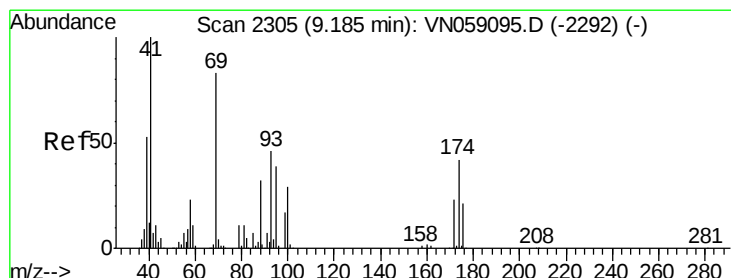
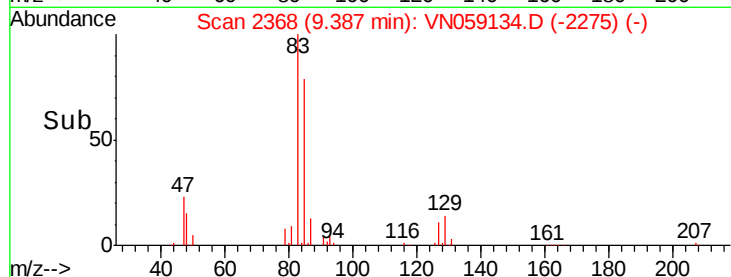
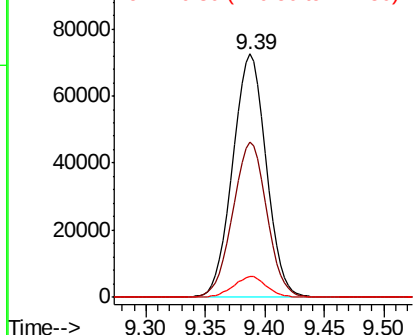
#47
Bromodichloromethane
Concen: 19.793 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

Tot Ion: 83 Resp: 141849
Ion Ratio Lower Upper
83 100
85 63.9 49.7 74.5
127 8.6 6.4 9.6

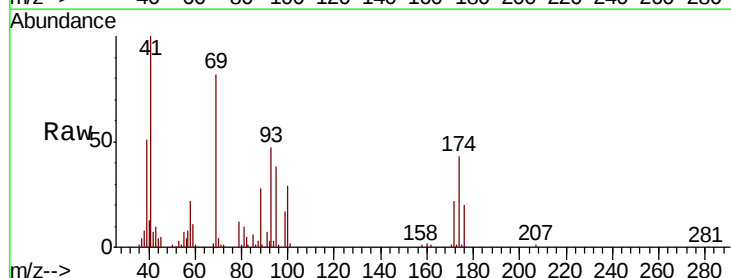


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

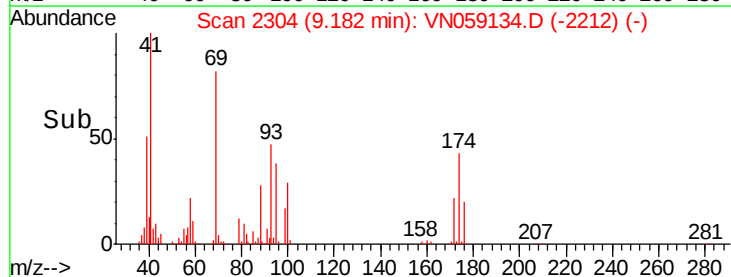
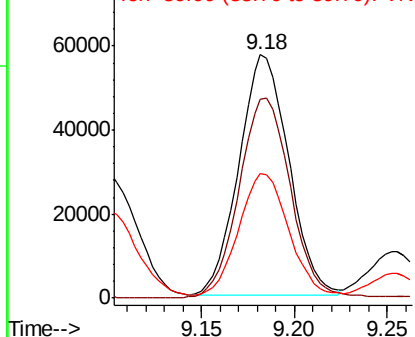


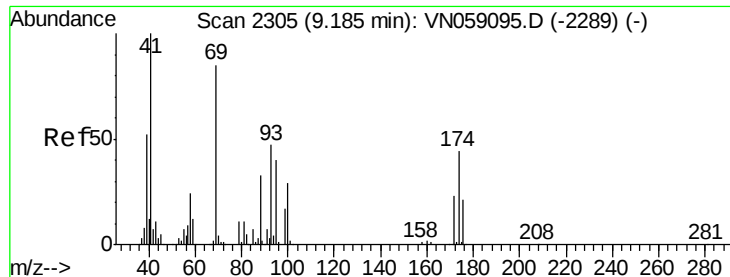
#48
Methyl methacrylate
Concen: 19.173 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 41 Resp: 107102
Ion Ratio Lower Upper
41 100
69 86.2 67.3 100.9
39 52.4 43.3 64.9



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

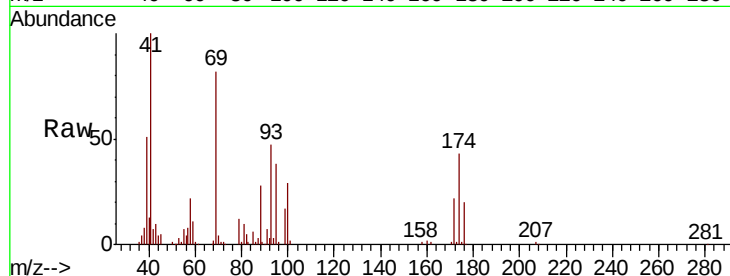




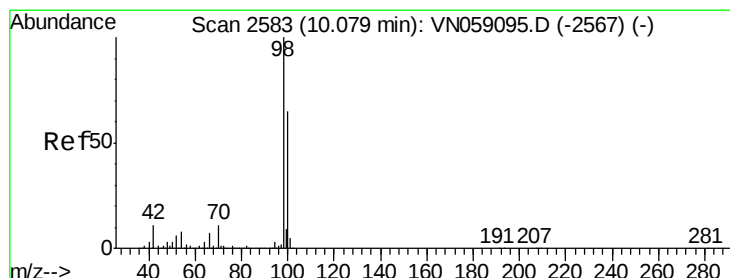
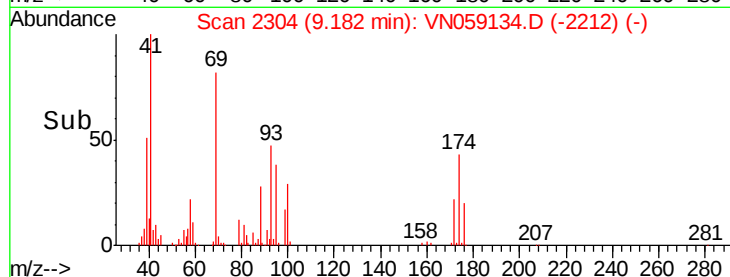
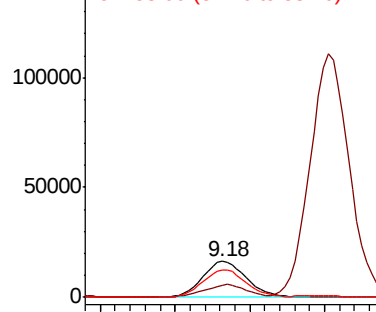
#49
1,4-Dioxane
Concen: 336.139 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

Tot Ion: 88 Resp: 33369
Ion Ratio Lower Upper
88 100
43 35.0 26.3 39.5
58 76.9 60.6 90.8

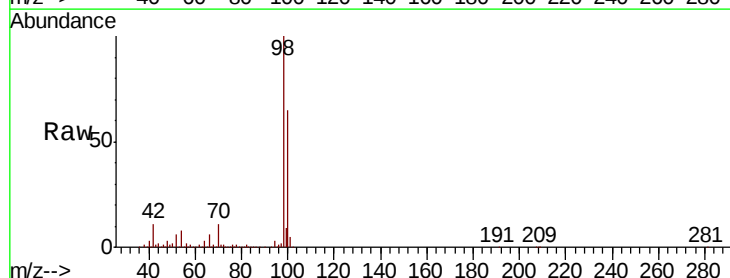


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

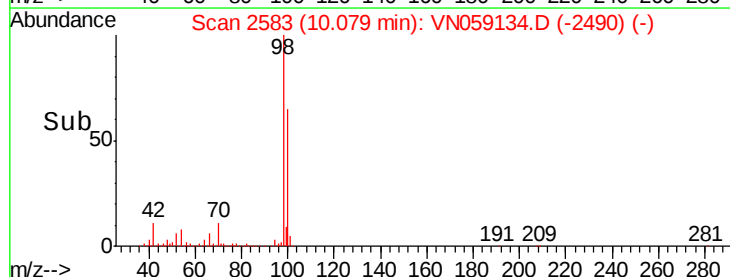
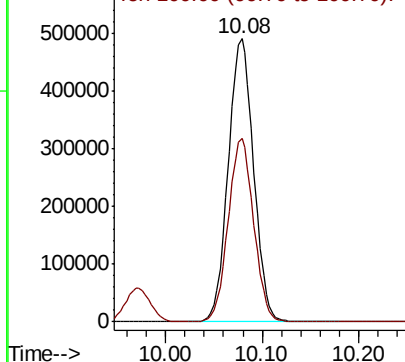


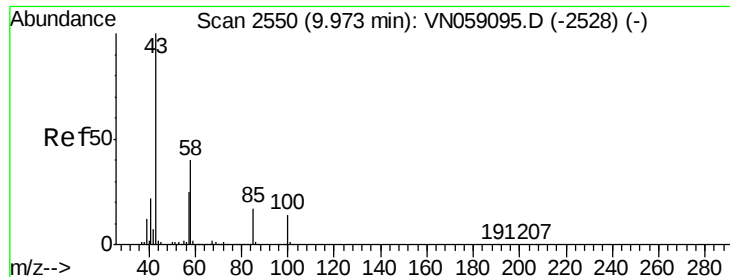
#50
Toluene-d8
Concen: 50.510 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 98 Resp: 894924
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



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

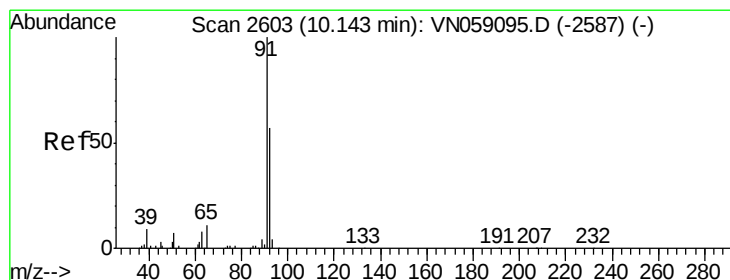
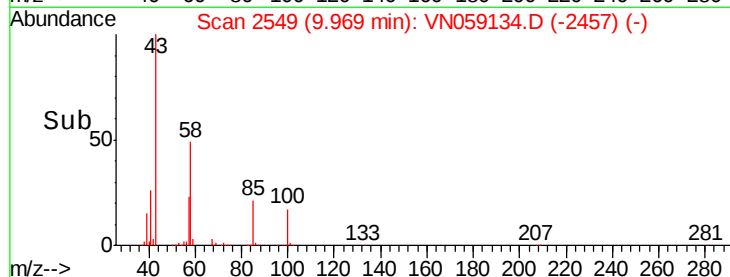
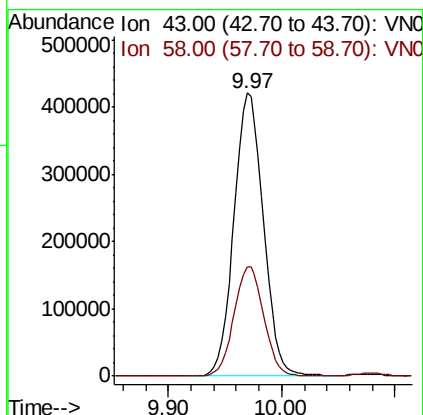
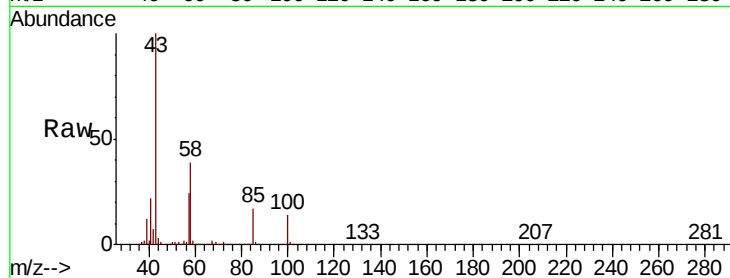




#51
4-Methyl-2-Pentanone
Concen: 108.166 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

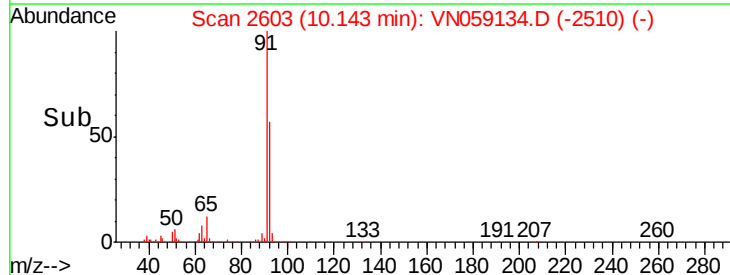
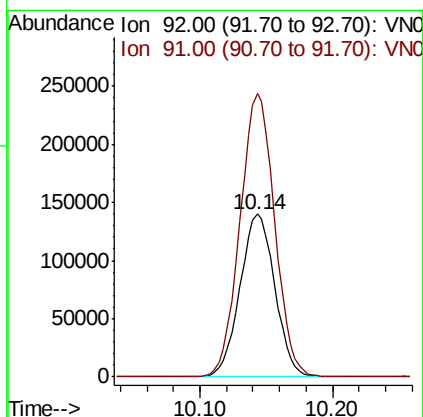
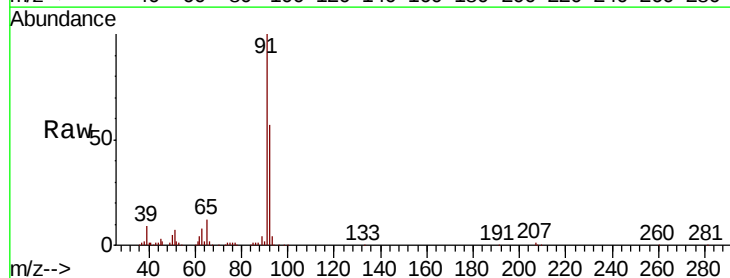
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

Tot Ion: 43 Resp: 764326
Ion Ratio Lower Upper
43 100
58 39.1 31.5 47.3



#52
Toluene
Concen: 20.092 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 92 Resp: 255349
Ion Ratio Lower Upper
92 100
91 173.5 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 19.845 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

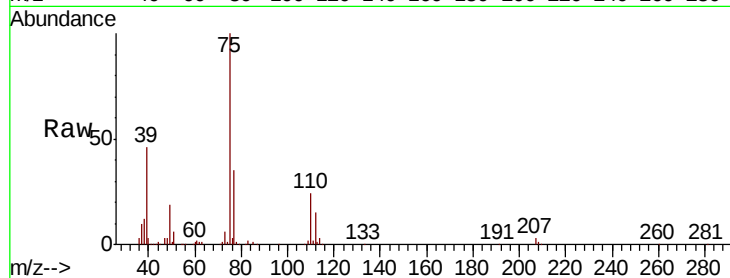
VN1108MBSD01

Tot Ion: 75 Resp: 164308

Ion Ratio Lower Upper

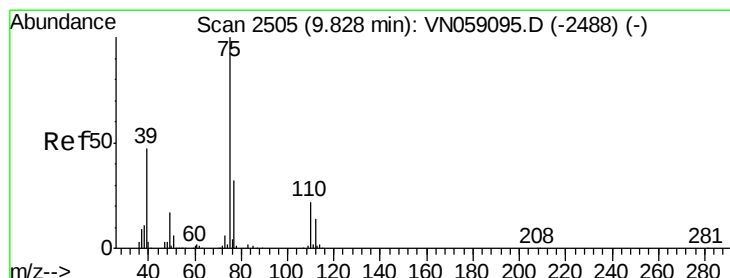
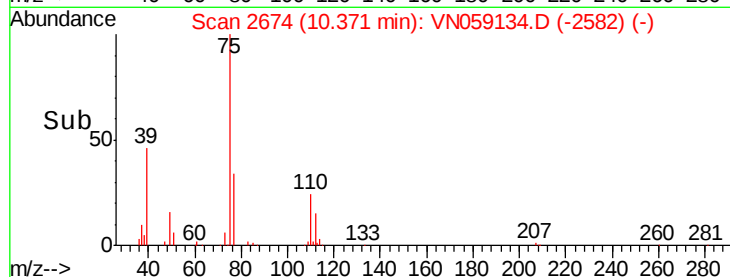
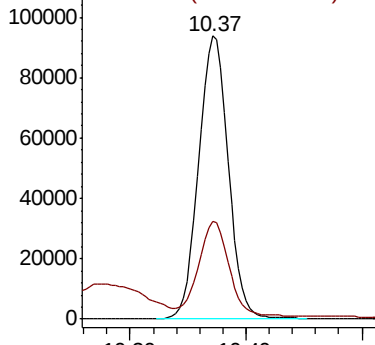
75 100

77 33.5 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: 19.895 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

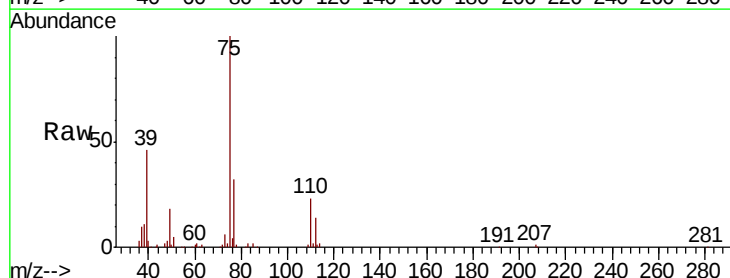
Tgt Ion: 75 Resp: 177196

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

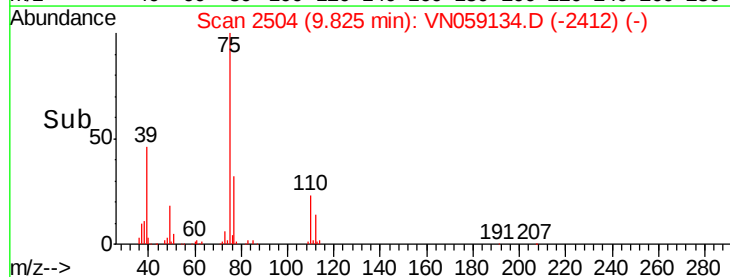
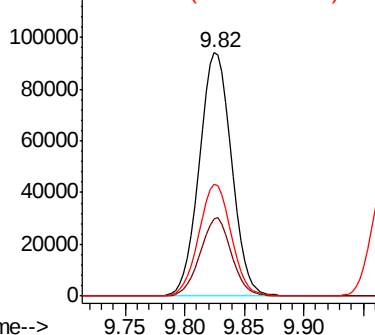
39 46.1 37.3 55.9

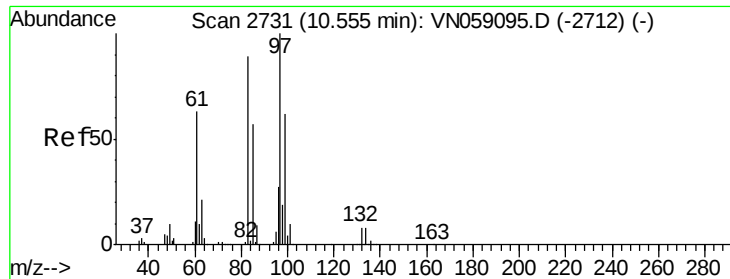


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

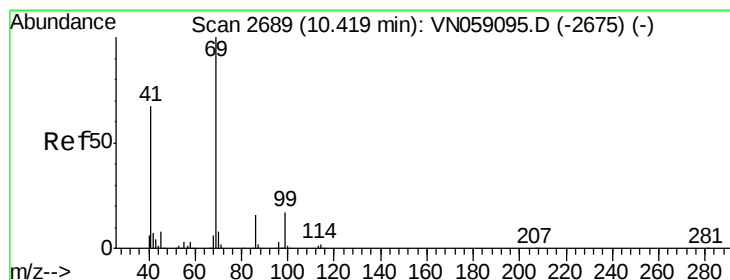
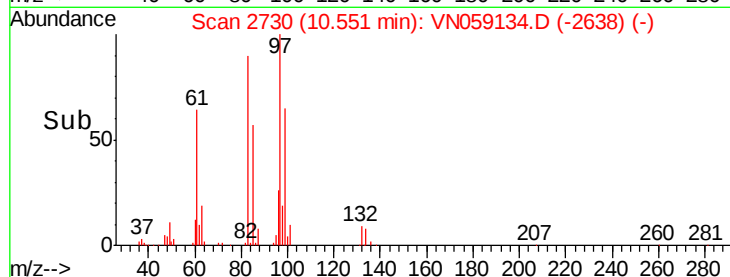
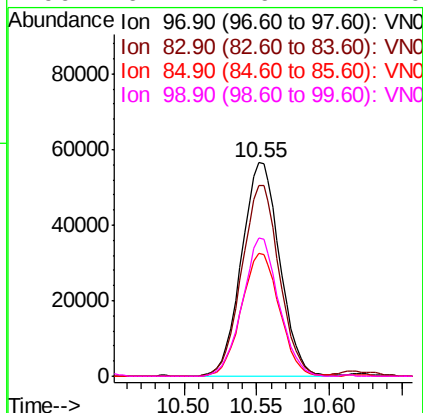
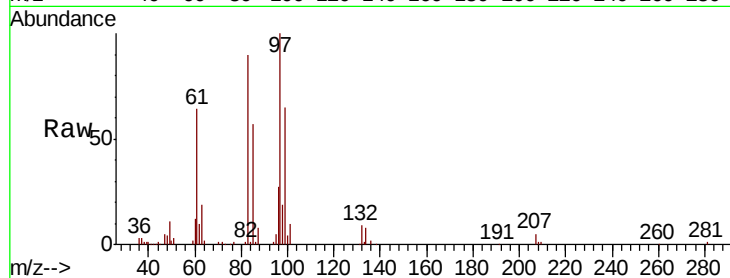




#55
 1,1,2-Trichloroethane
 Concen: 20.181 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

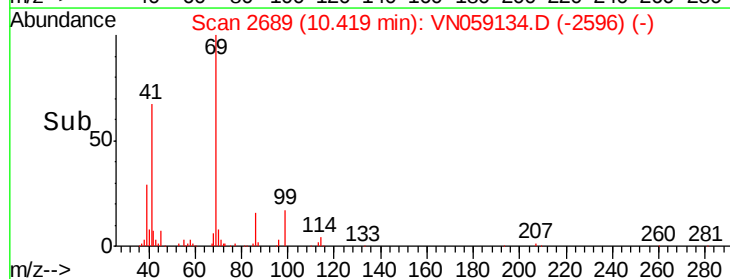
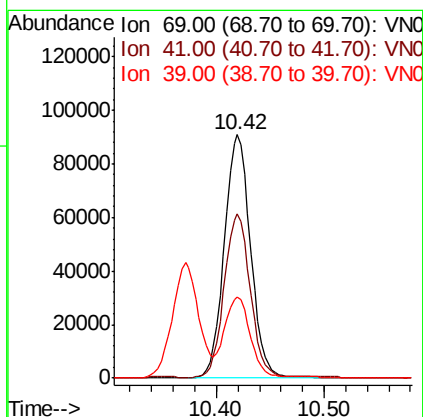
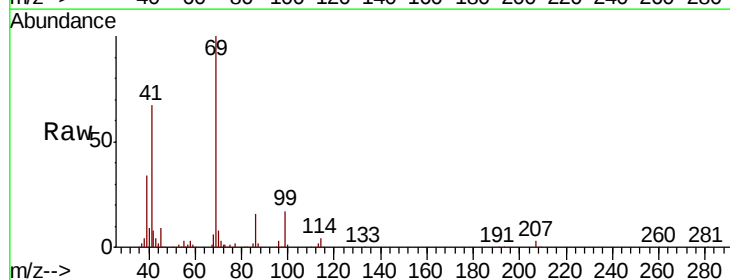
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBSD01

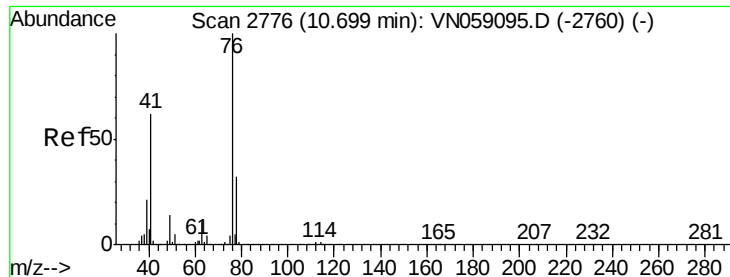
Tot Ion: 97 Resp: 103803
 Ion Ratio Lower Upper
 97 100
 83 89.5 71.0 106.4
 85 57.4 45.8 68.8
 99 64.7 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 19.213 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

Tgt Ion: 69 Resp: 154544
 Ion Ratio Lower Upper
 69 100
 41 66.8 53.6 80.4
 39 32.5 26.2 39.4

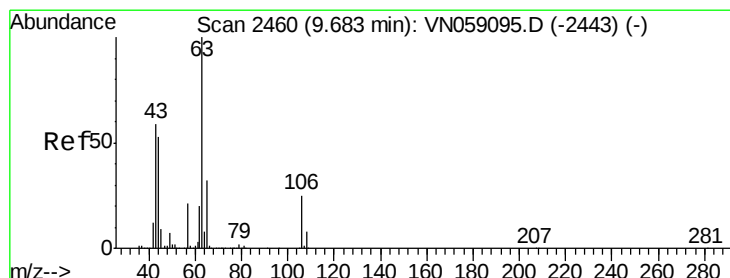
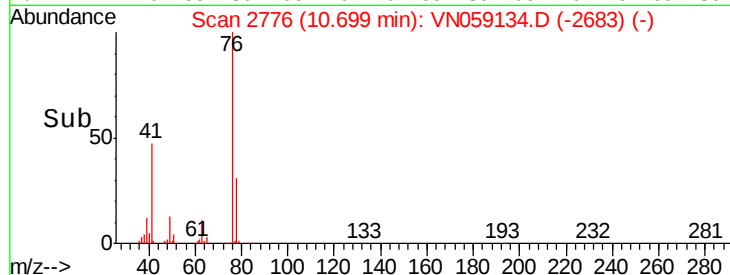
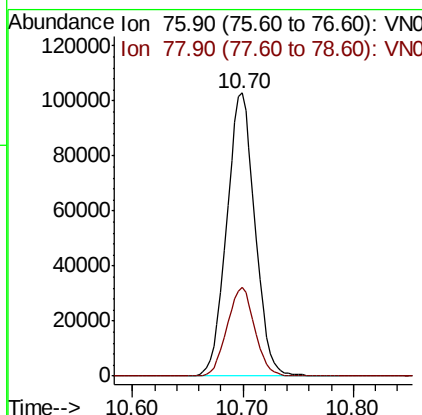
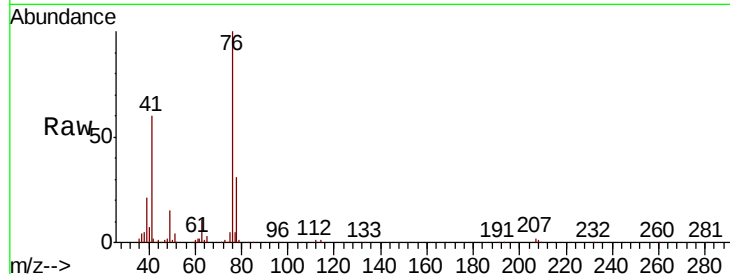




#57
 1,3-Dichloropropane
 Concen: 20.605 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

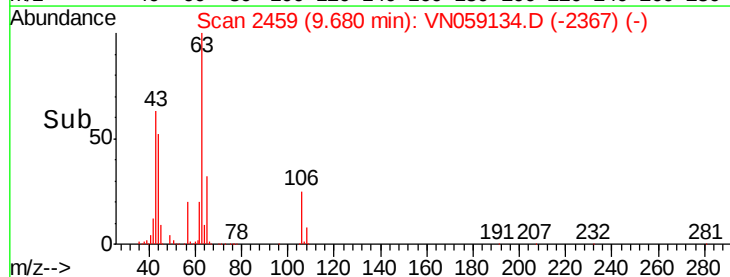
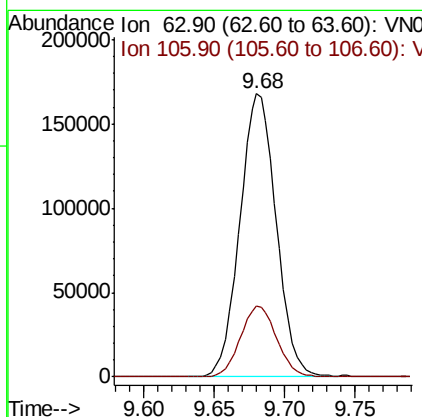
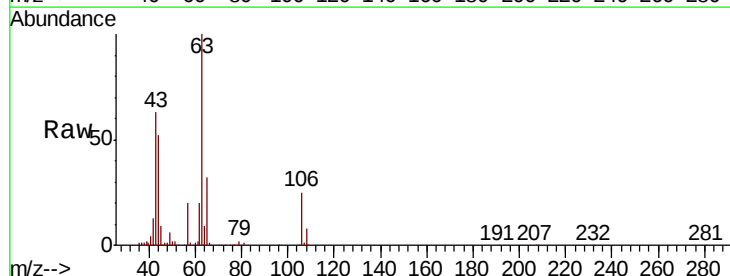
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBSD01

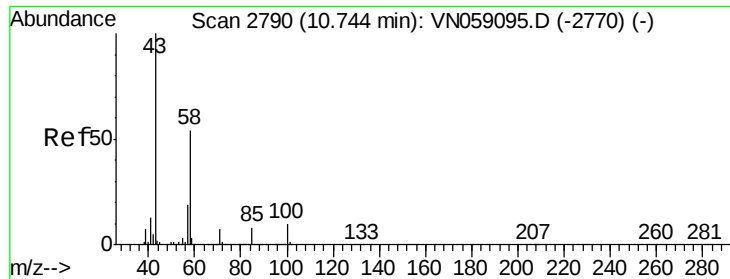
Tot Ion: 76 Resp: 182407
 Ion Ratio Lower Upper
 76 100
 78 30.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.919 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

Tgt Ion: 63 Resp: 303193
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.2 30.2

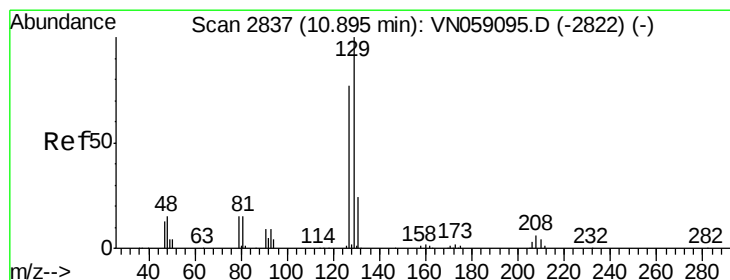
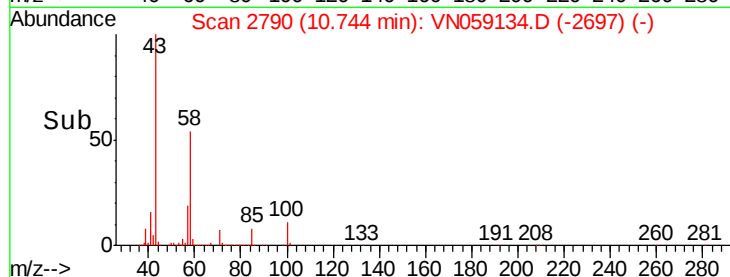
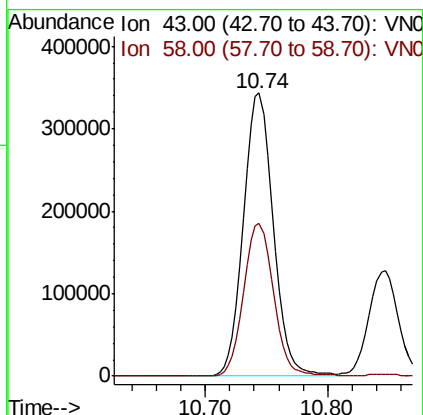
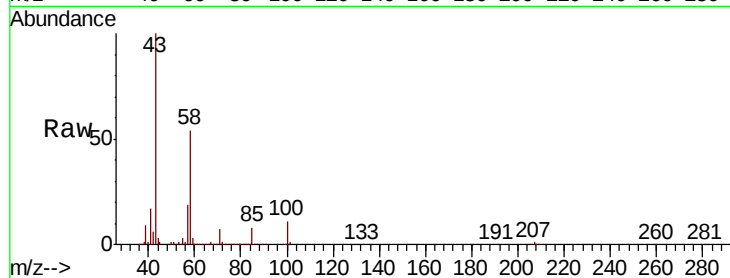




#59
2-Hexanone
Concen: 106.383 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

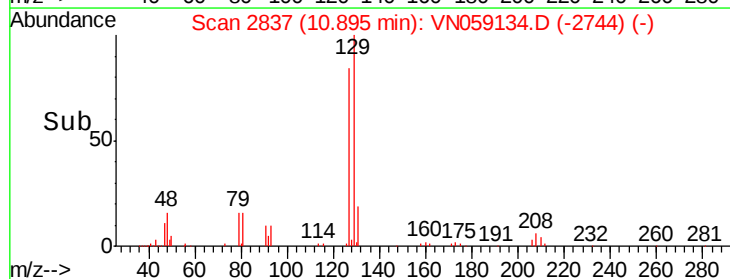
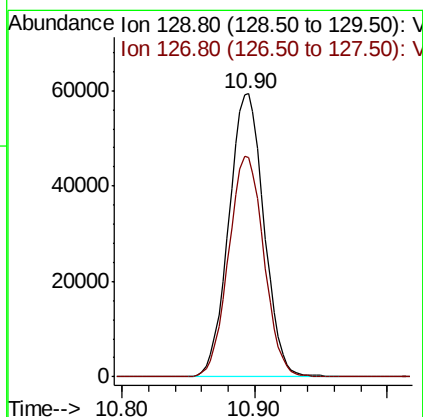
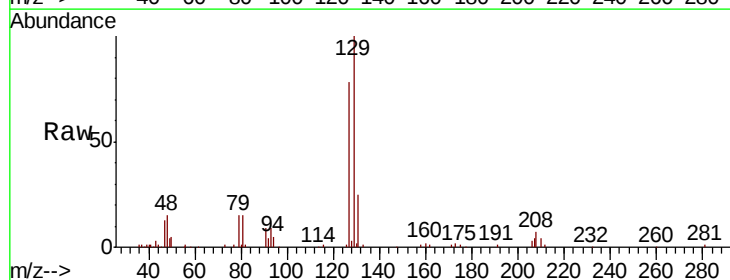
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

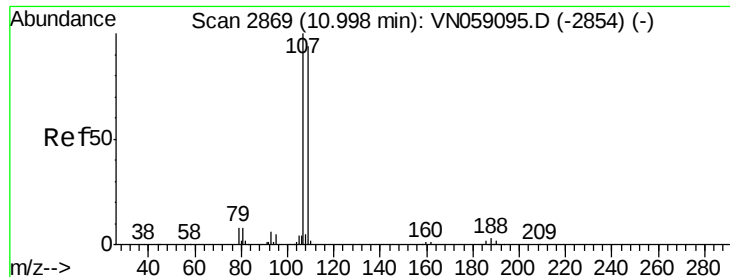
Tot Ion: 43 Resp: 576986
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8



#60
Dibromochloromethane
Concen: 20.116 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 129 Resp: 109396
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

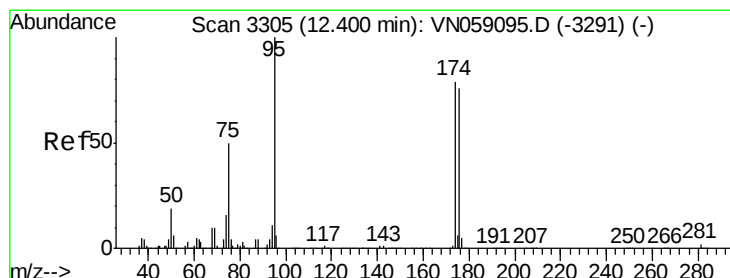
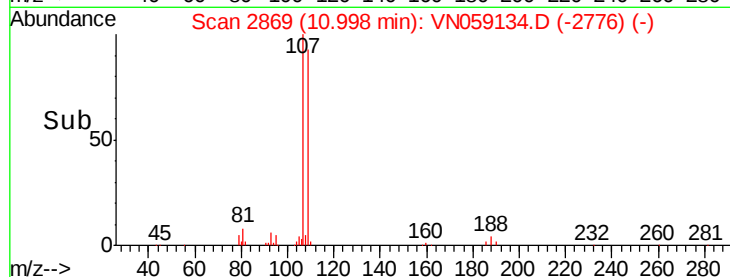
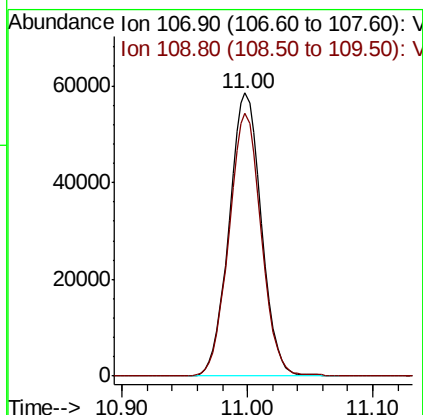
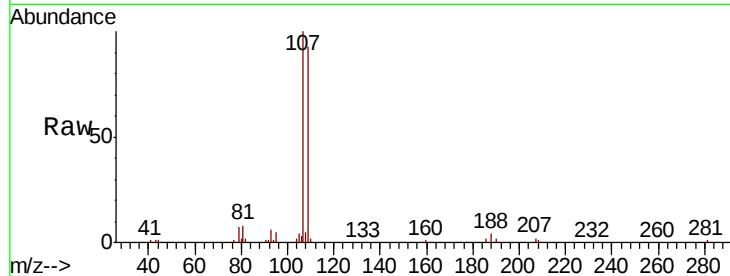




#61
 1,2-Dibromoethane
 Concen: 20.042 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

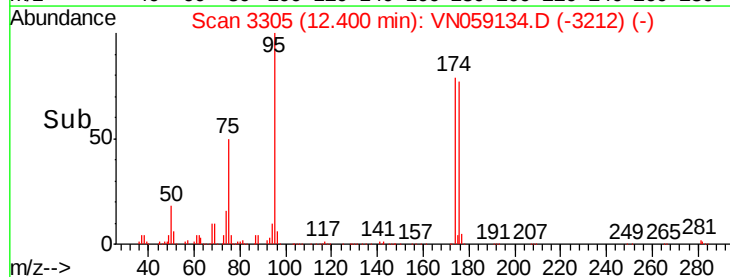
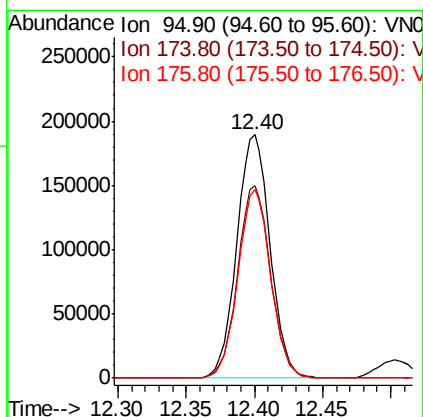
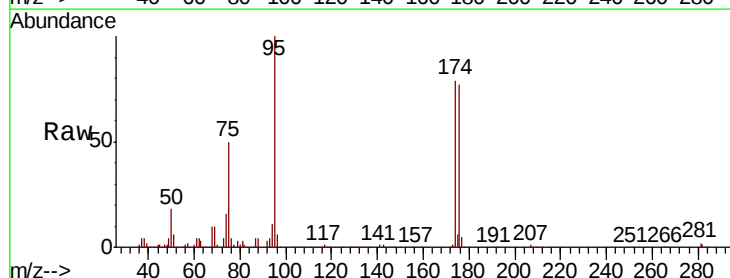
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBSD01

Tot Ion: 107 Resp: 104357
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.137 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

Tgt Ion: 95 Resp: 320289
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 158.2
 176 76.0 0.0 151.8

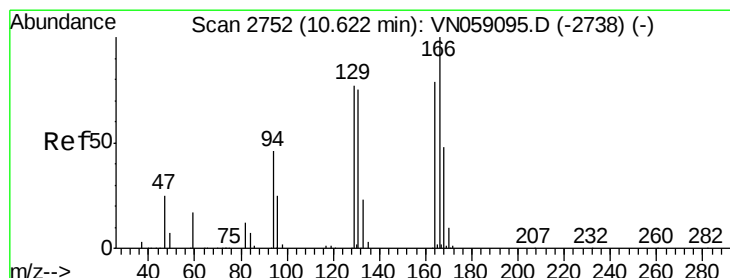
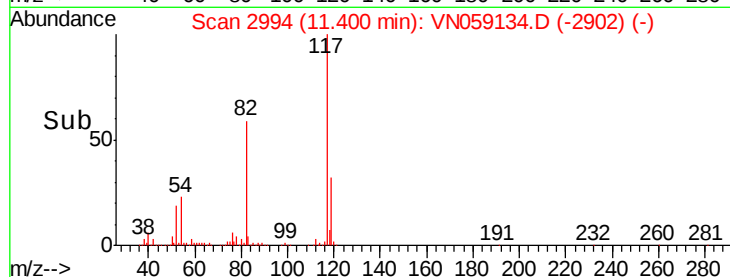
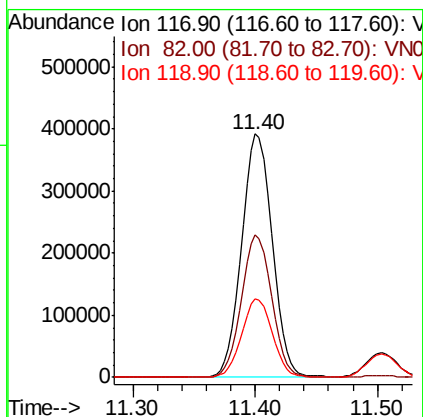
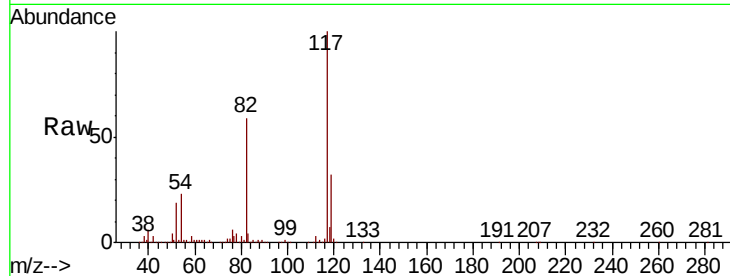




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

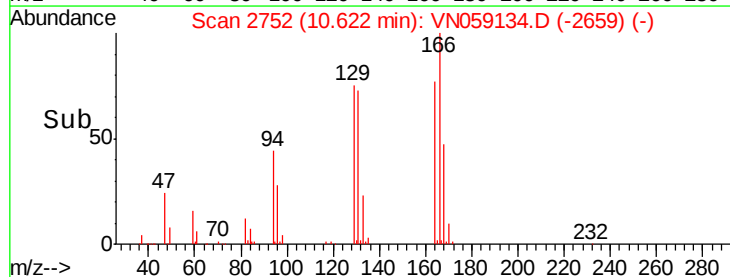
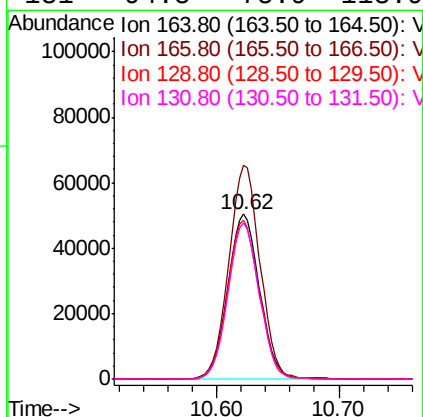
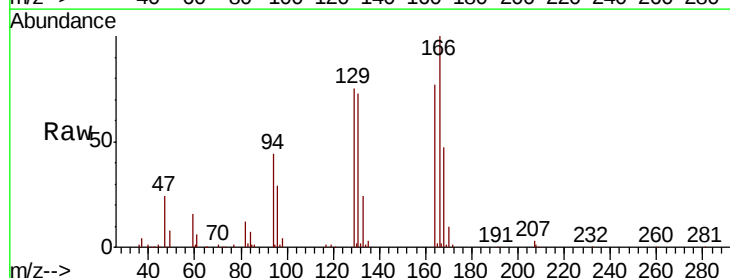
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

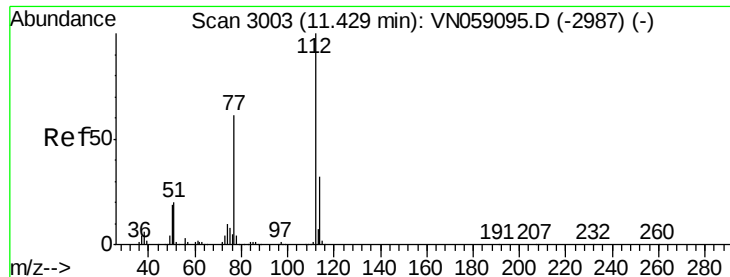
Tot Ion:117 Resp: 678496
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.8
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 19.873 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion:164 Resp: 91687
Ion Ratio Lower Upper
164 100
166 129.7 101.5 152.3
129 96.7 78.3 117.5
131 94.5 75.9 113.9

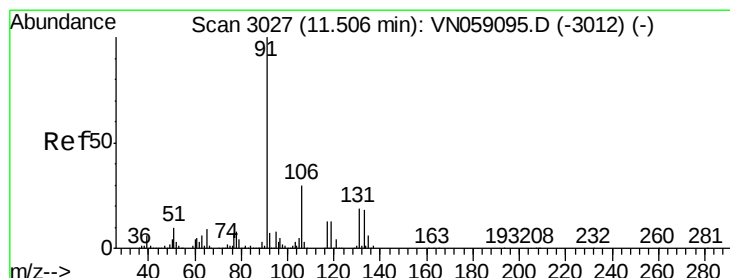
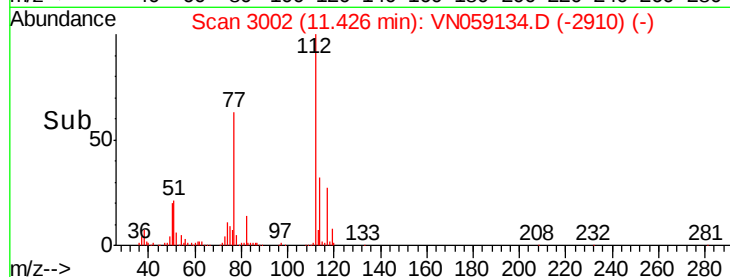
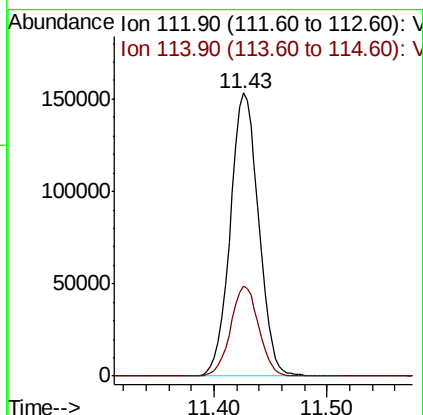
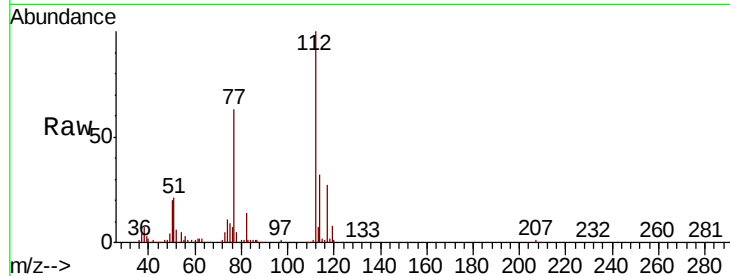




#65
Chlorobenzene
Concen: 20.223 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

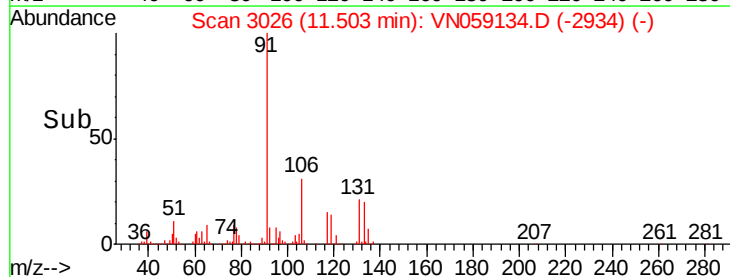
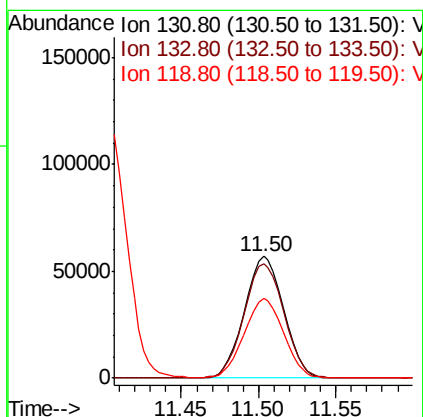
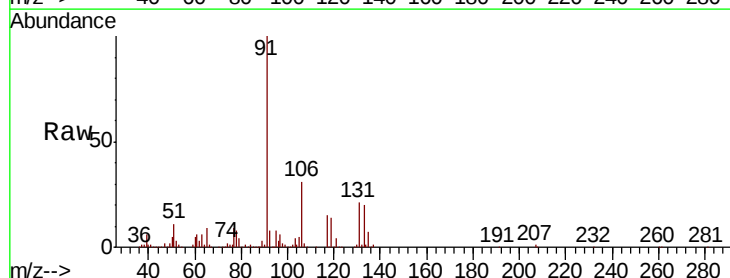
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

Tot Ion:112 Resp: 267482
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.374 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion:131 Resp: 101088
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 66.0 33.2 99.6





#67

Ethyl Benzene

Concen: 20.500 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

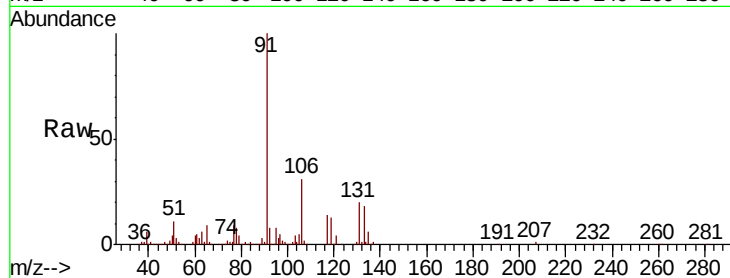
VN1108MBSD01

Tot Ion: 91 Resp: 481080

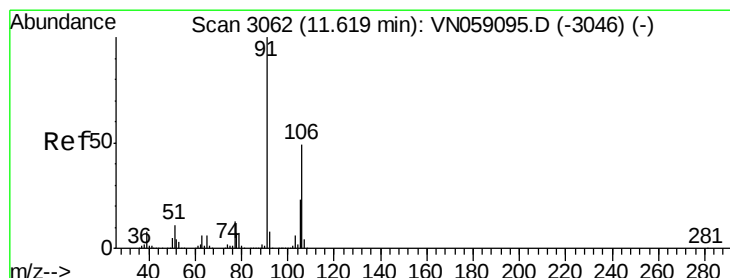
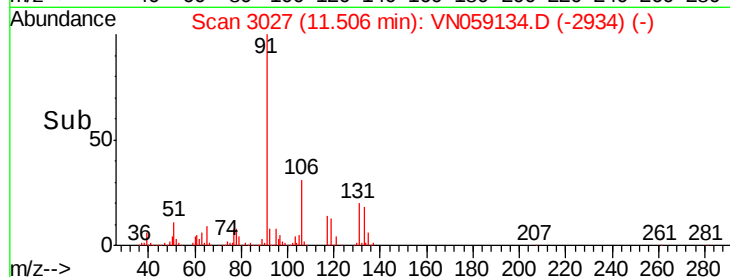
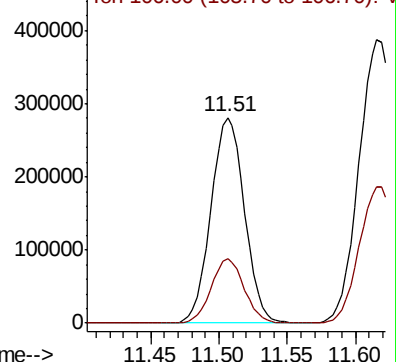
Ion Ratio Lower Upper

91 100

106 31.2 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3012) (-)



#68

m/p-Xylenes

Concen: 40.942 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059134.D

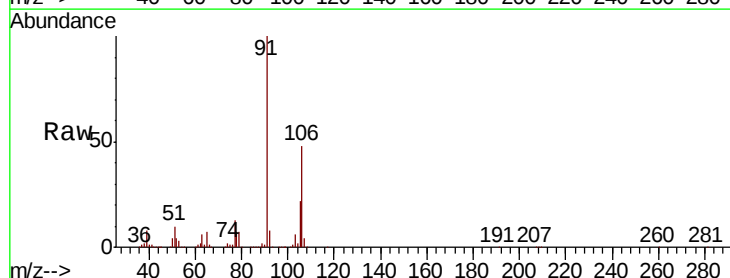
Acq: 8 Nov 2019 10:31

Tgt Ion: 106 Resp: 359896

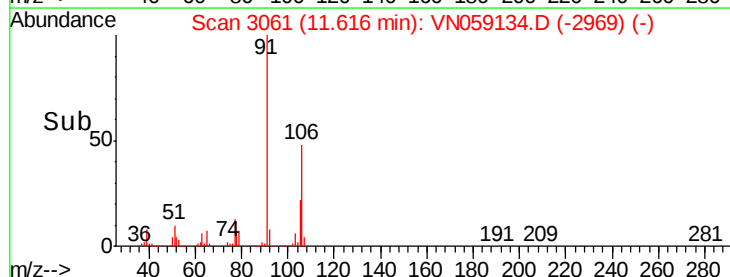
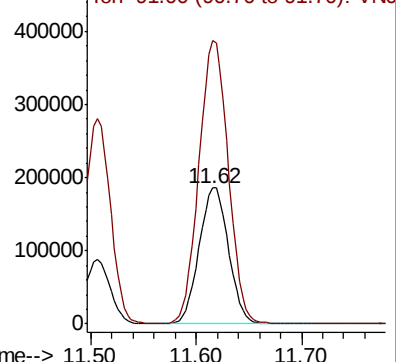
Ion Ratio Lower Upper

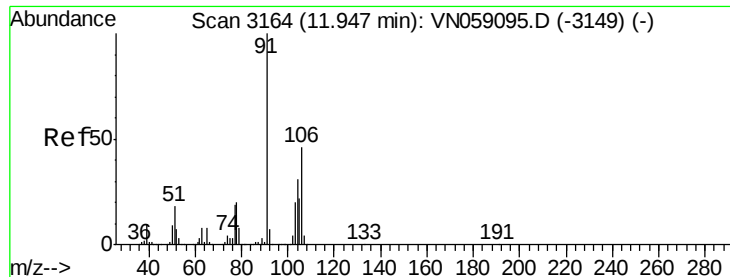
106 100

91 206.7 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): VN059095.D (-3046) (-)

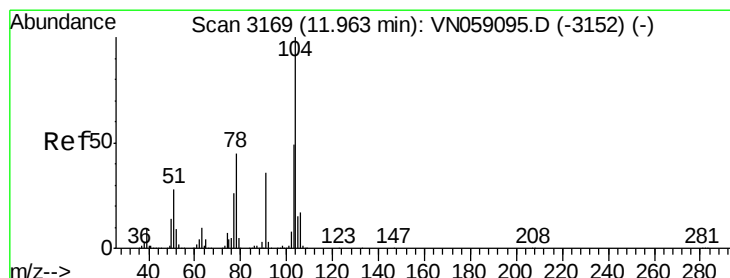
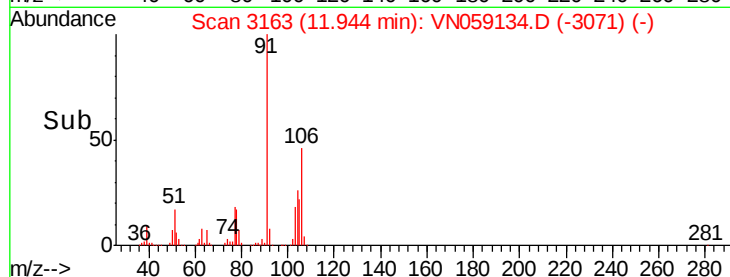
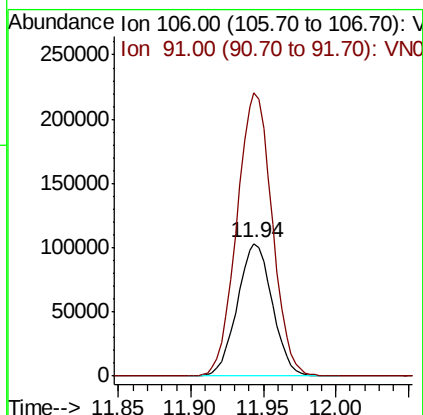
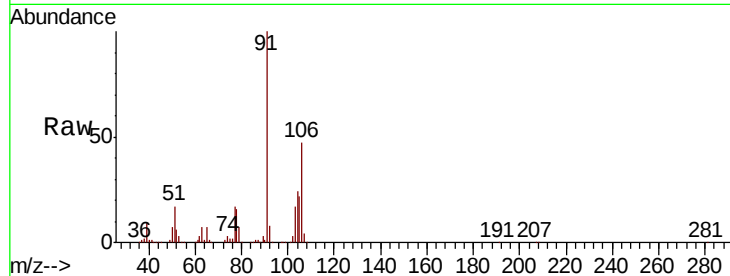




#69
o-Xylene
Concen: 20.367 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

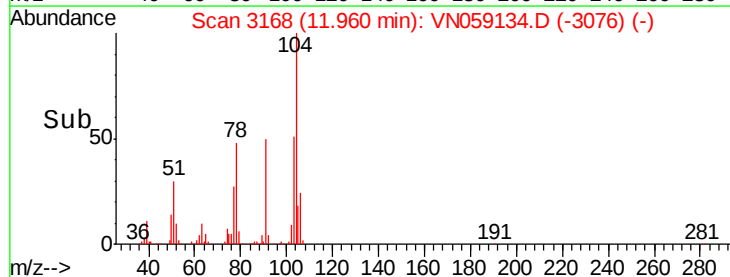
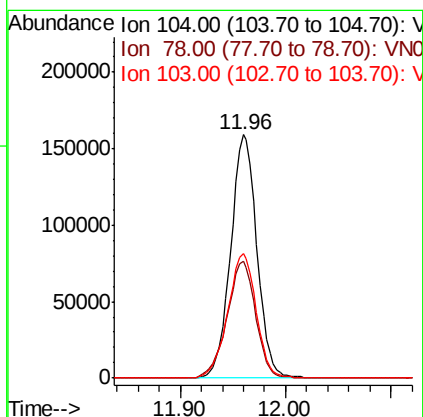
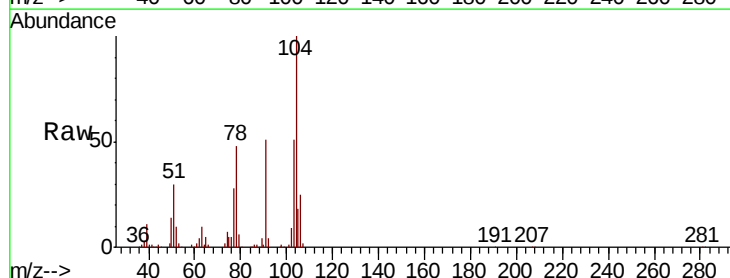
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

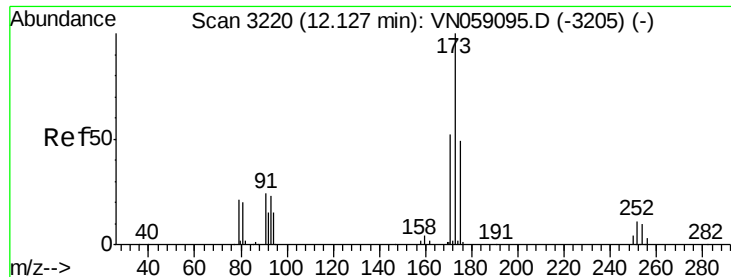
Tot Ion:106 Resp: 173018
Ion Ratio Lower Upper
106 100
91 215.6 110.1 330.3



#70
Styrene
Concen: 20.441 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion:104 Resp: 273107
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.9 43.8 65.6





#71

Bromoform

Concen: 19.940 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

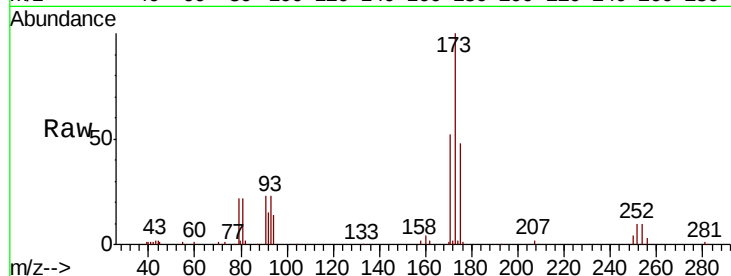
Tot Ion:173 Resp: 76955

Ion Ratio Lower Upper

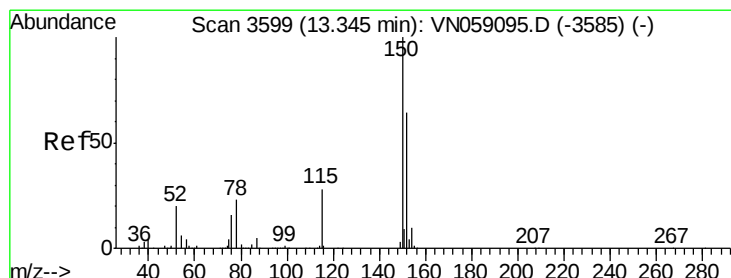
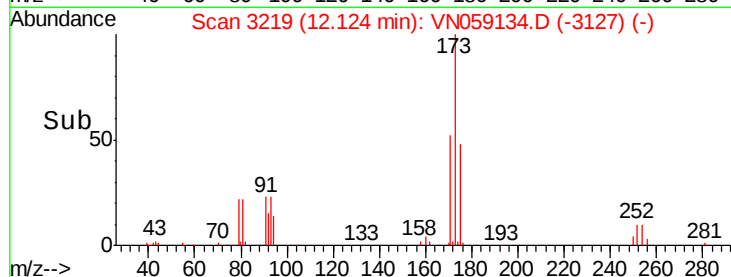
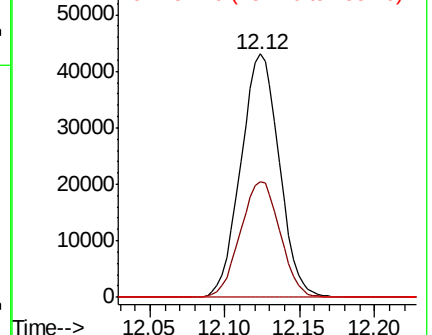
173 100

175 49.0 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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

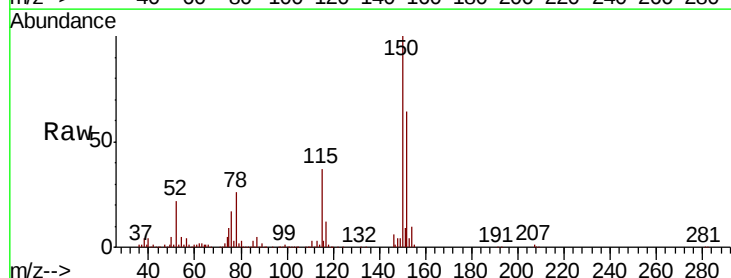
Tgt Ion:152 Resp: 315402

Ion Ratio Lower Upper

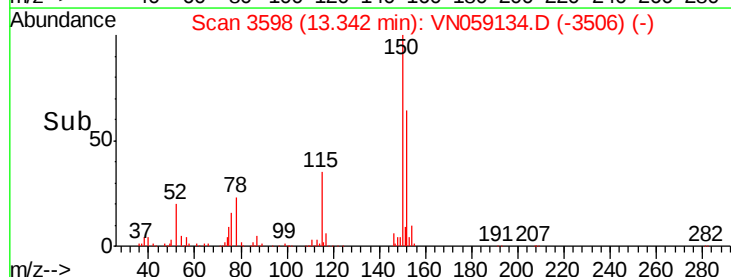
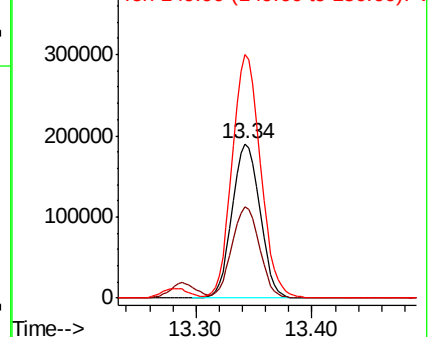
152 100

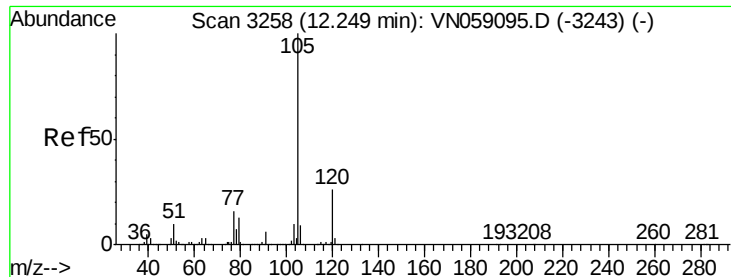
115 58.8 29.4 88.2

150 160.4 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: 20.235 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

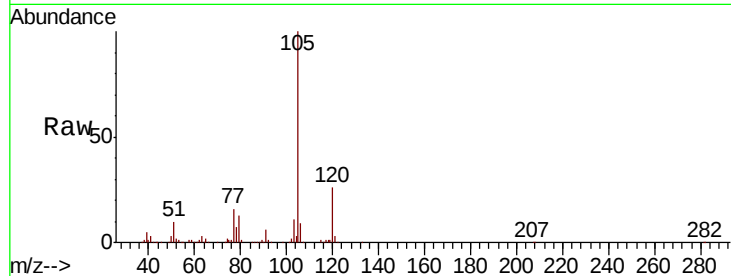
VN1108MBSD01

Tot Ion:105 Resp: 464243

Ion Ratio Lower Upper

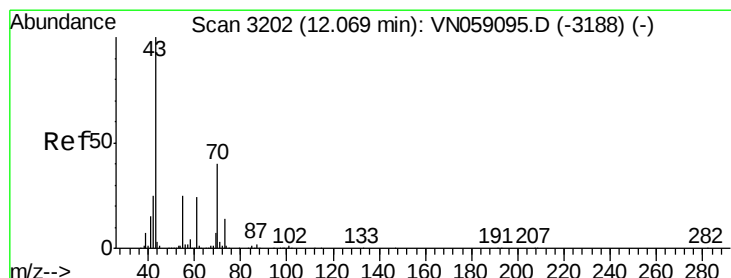
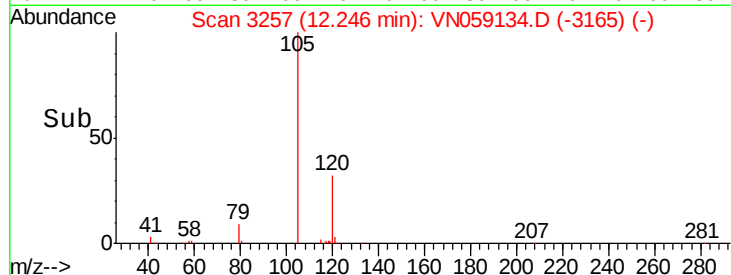
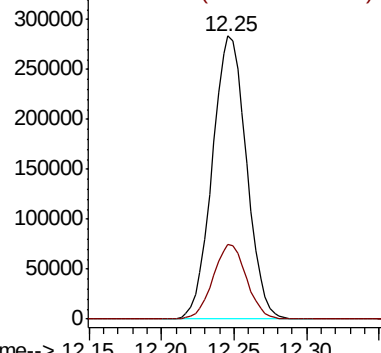
105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.735 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Tgt Ion: 43 Resp: 191852

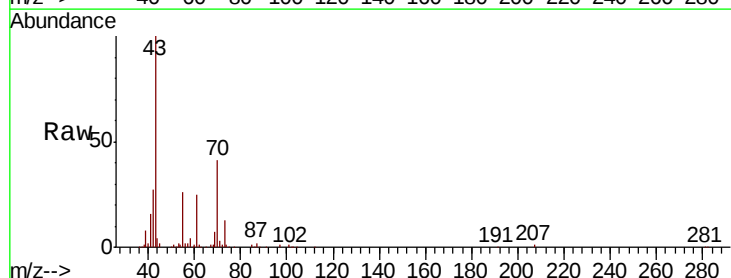
Ion Ratio Lower Upper

43 100

70 42.0 32.2 48.4

55 27.1 20.4 30.6

61 24.8 19.3 28.9

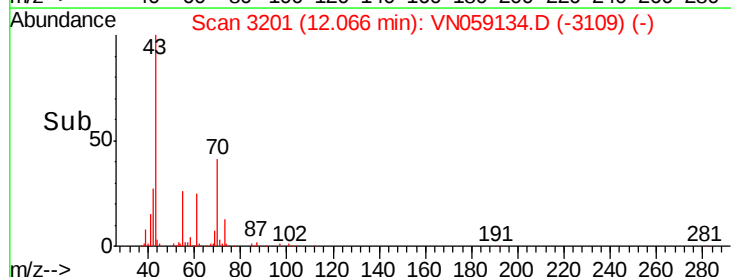
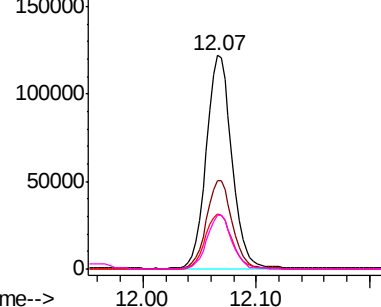


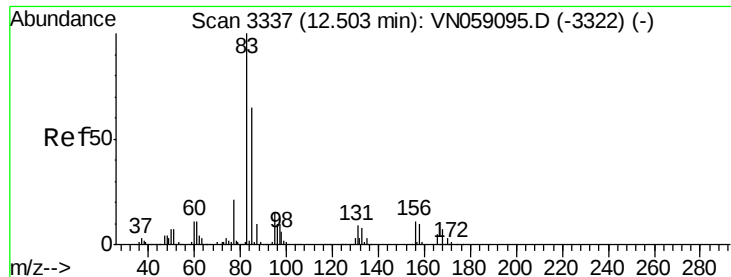
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.978 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

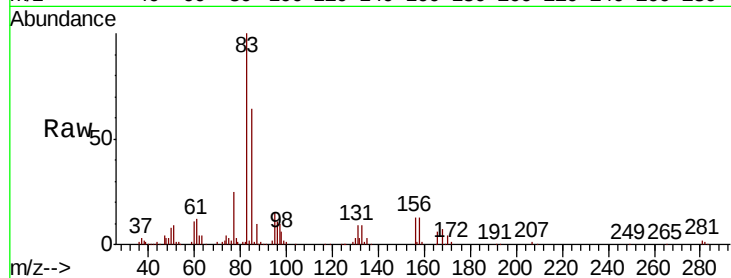
Tot Ion: 83 Resp: 156084

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

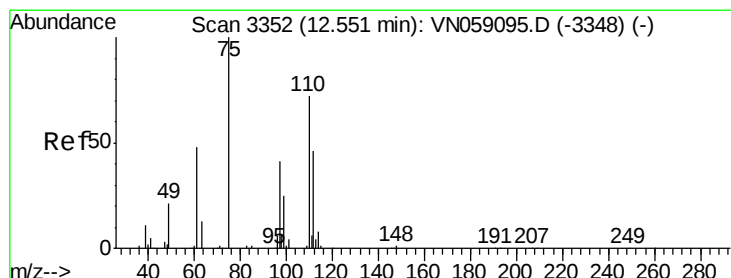
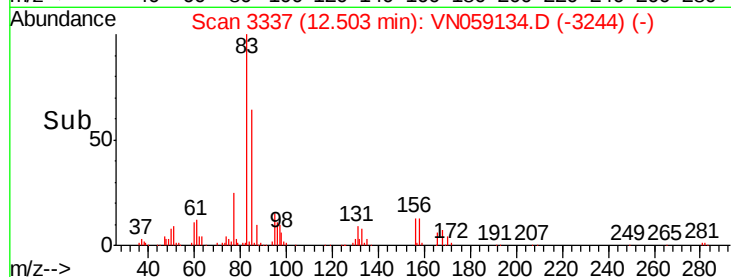
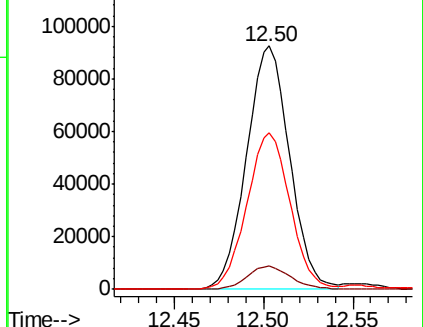
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059134.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059134.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059134.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 28.949 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059134.D

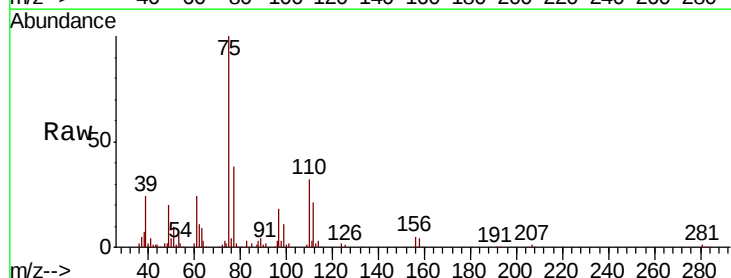
Acq: 8 Nov 2019 10:31

Tgt Ion: 75 Resp: 207875

Ion Ratio Lower Upper

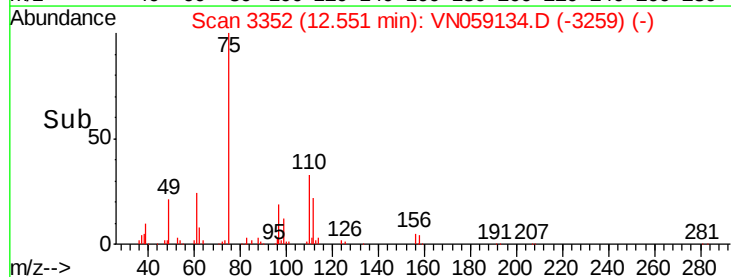
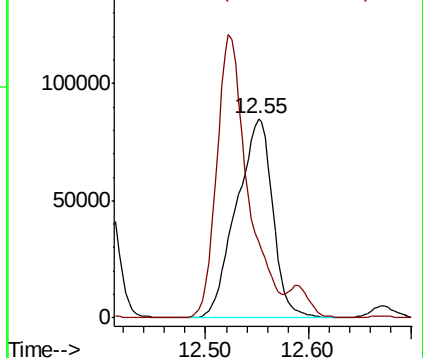
75 100

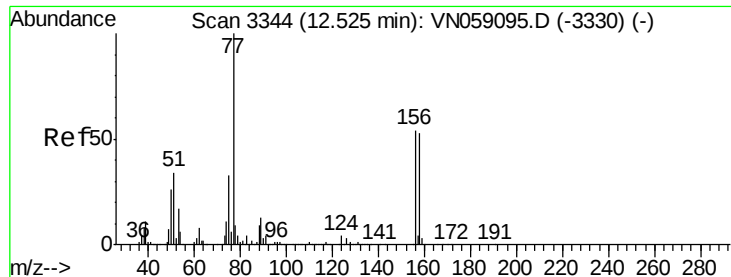
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059134.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN059134.D (-3352) (-)





#77

Bromobenzene

Concen: 19.417 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

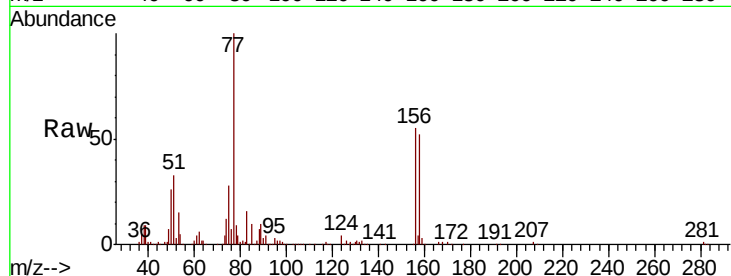
Tot Ion:156 Resp: 111920

Ion Ratio Lower Upper

156 100

77 225.8 112.8 338.3

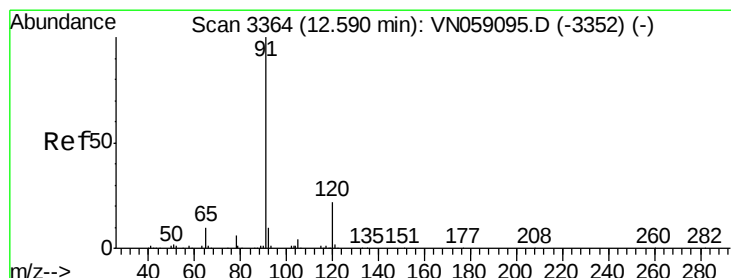
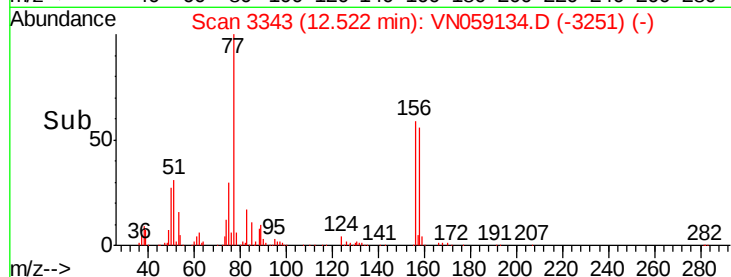
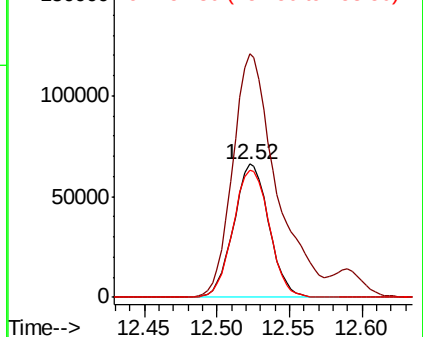
158 98.1 48.4 145.3



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: 20.525 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059134.D

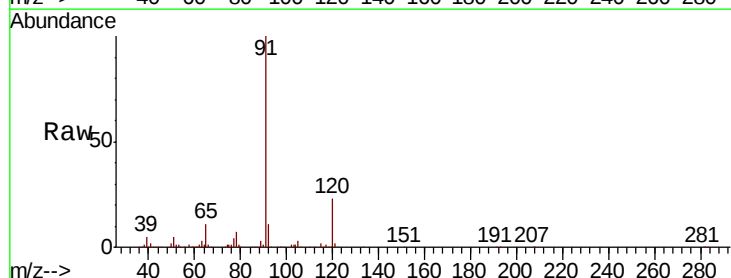
Acq: 8 Nov 2019 10:31

Tgt Ion: 91 Resp: 539179

Ion Ratio Lower Upper

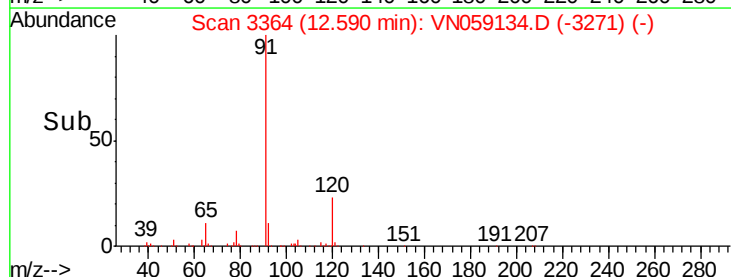
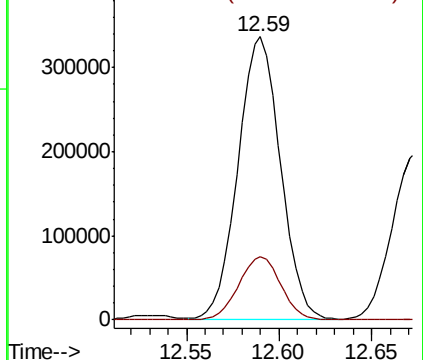
91 100

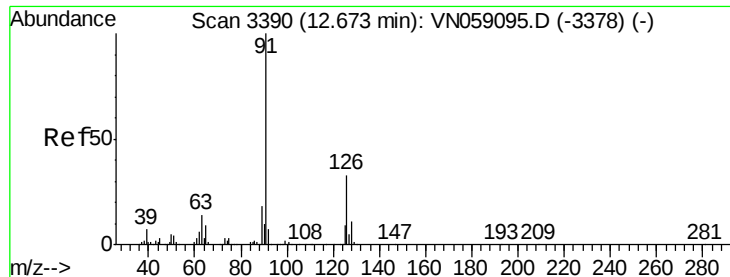
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.184 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

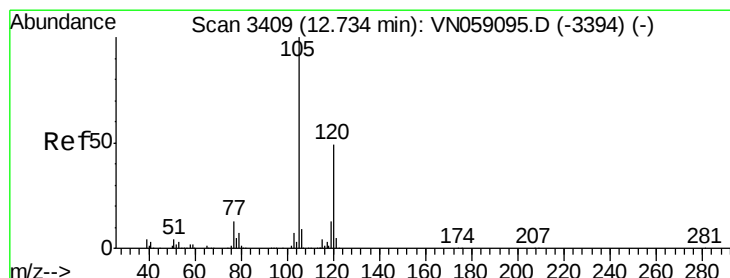
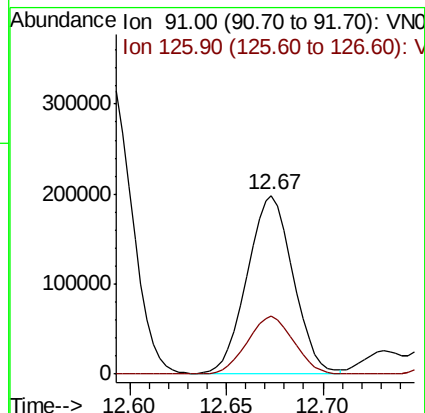
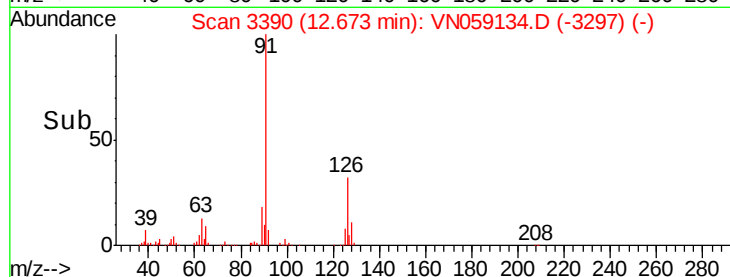
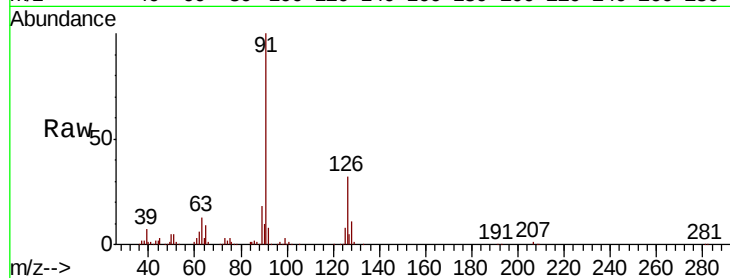
VN1108MBSD01

Tot Ion: 91 Resp: 328924

Ion Ratio Lower Upper

91 100

126 32.7 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 20.322 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059134.D

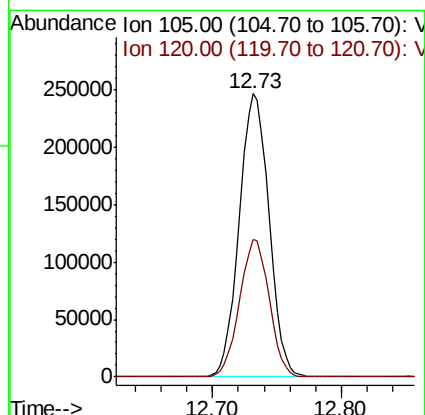
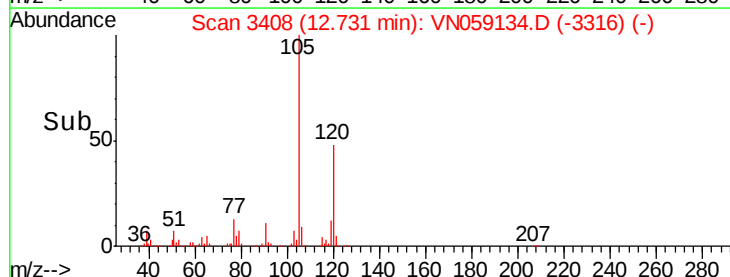
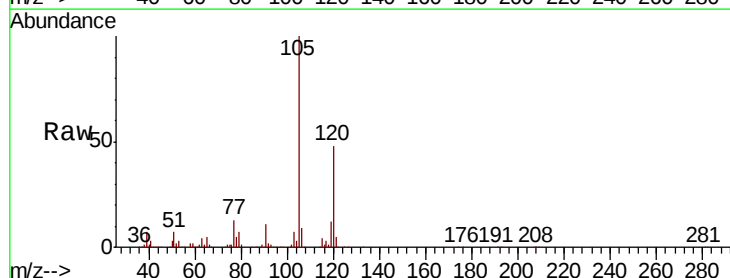
Acq: 8 Nov 2019 10:31

Tgt Ion: 105 Resp: 395067

Ion Ratio Lower Upper

105 100

120 48.5 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.962 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

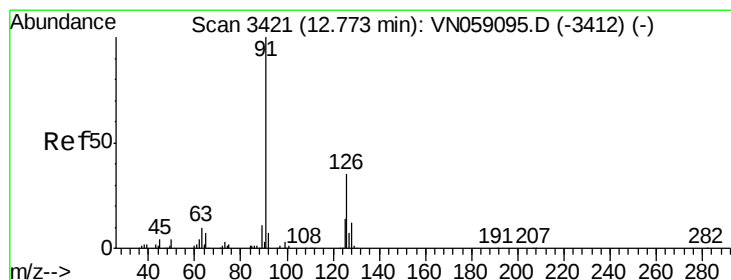
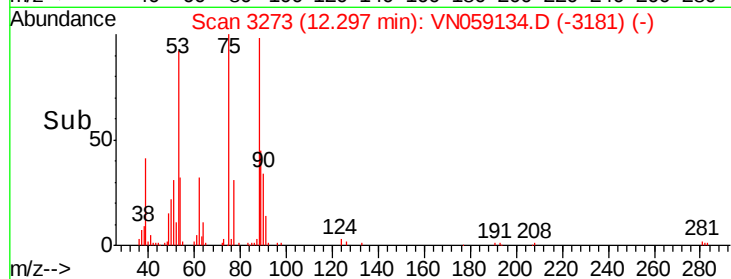
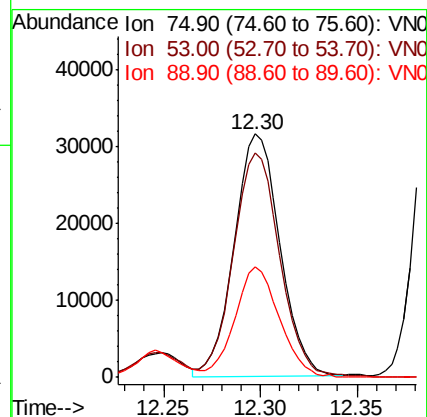
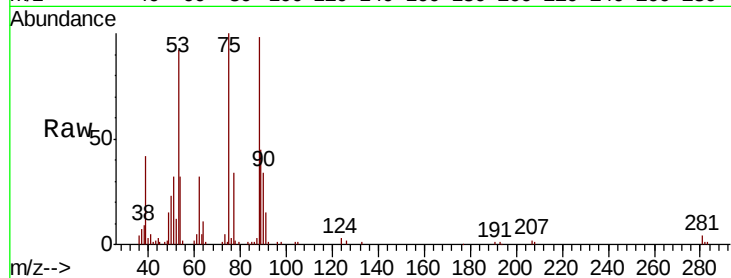
Tot Ion: 75 Resp: 51550

Ion Ratio Lower Upper

75 100

53 95.0 72.2 108.2

89 44.6 35.8 53.8



#82

4-Chlorotoluene

Concen: 20.269 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN059134.D

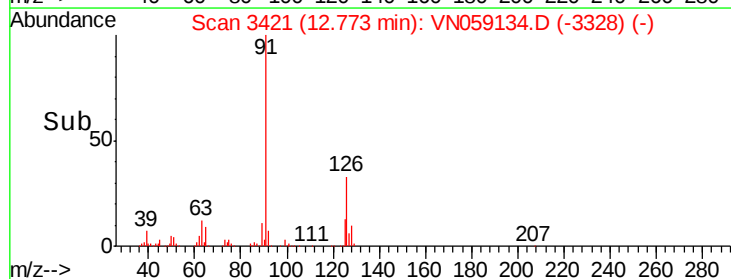
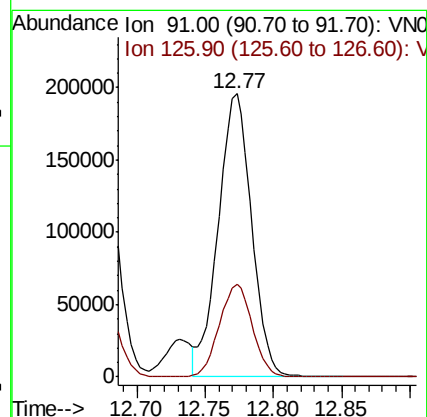
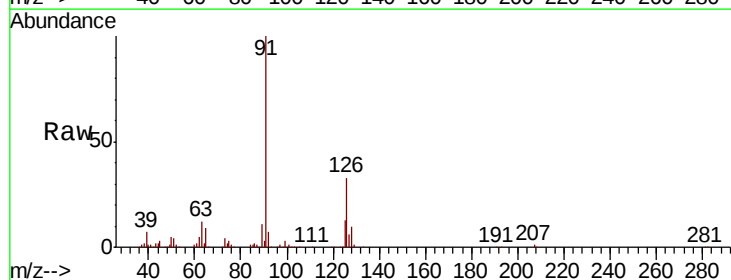
Acq: 8 Nov 2019 10:31

Tgt Ion: 91 Resp: 331284

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.2





#83

tert-Butylbenzene

Concen: 20.338 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

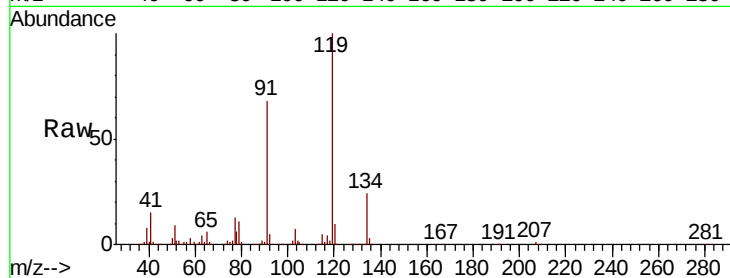
Tot Ion:119 Resp: 341443

Ion Ratio Lower Upper

119 100

91 64.4 33.2 99.6

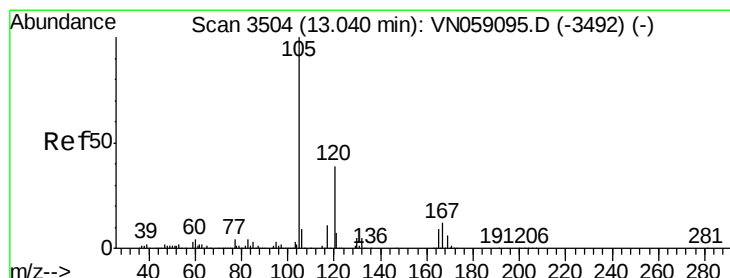
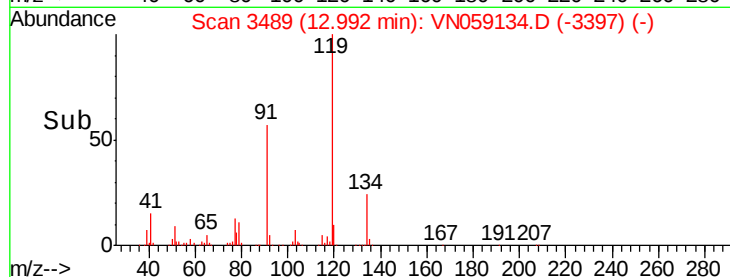
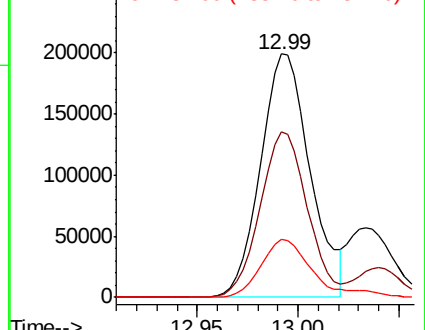
134 25.1 12.7 38.1



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: 20.580 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN059134.D

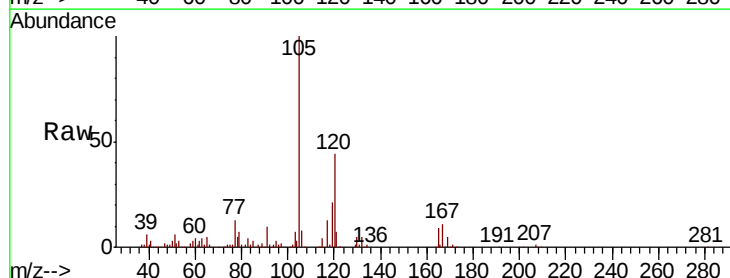
Acq: 8 Nov 2019 10:31

Tgt Ion:105 Resp: 387071

Ion Ratio Lower Upper

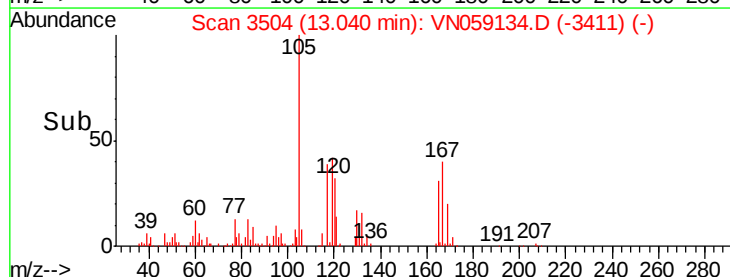
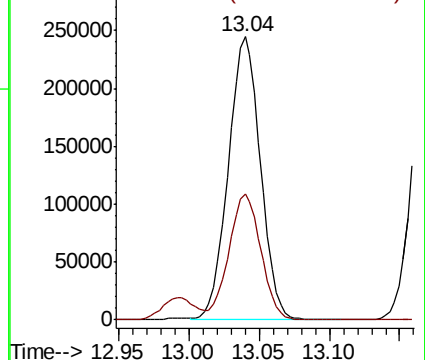
105 100

120 44.8 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: 20.194 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

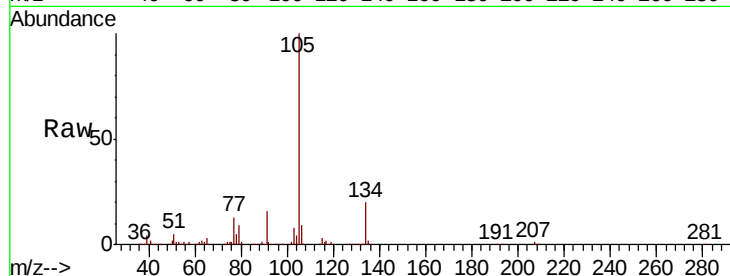
VN1108MBSD01

Tot Ion:105 Resp: 440912

Ion Ratio Lower Upper

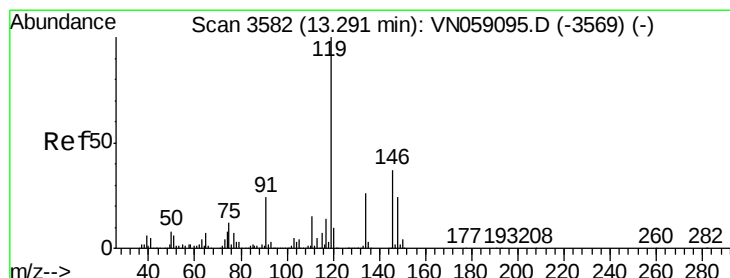
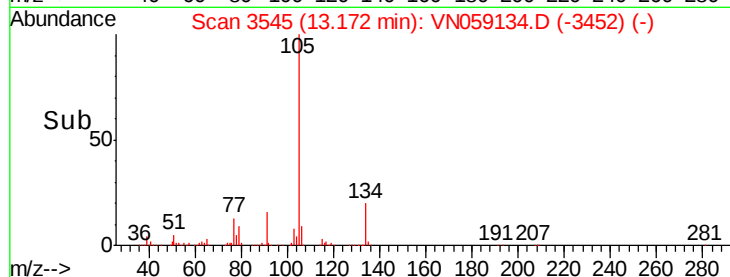
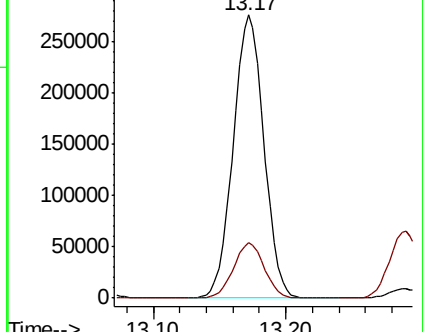
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.509 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

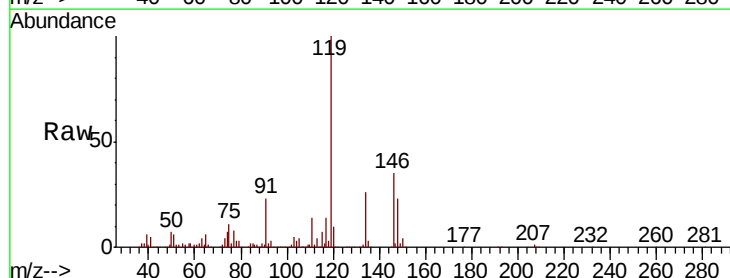
Tgt Ion:119 Resp: 395378

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

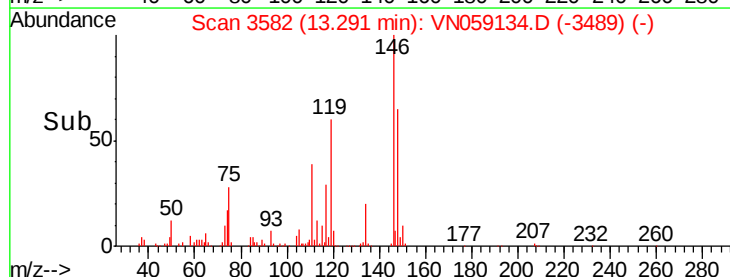
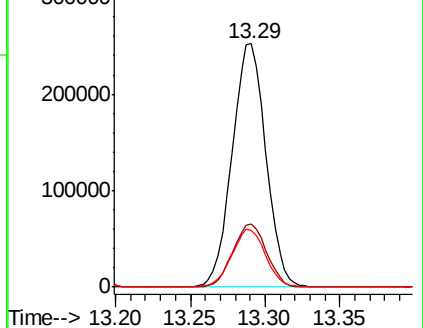
91 23.5 11.7 35.1



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





#87

1,3-Dichlorobenzene

Concen: 20.148 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

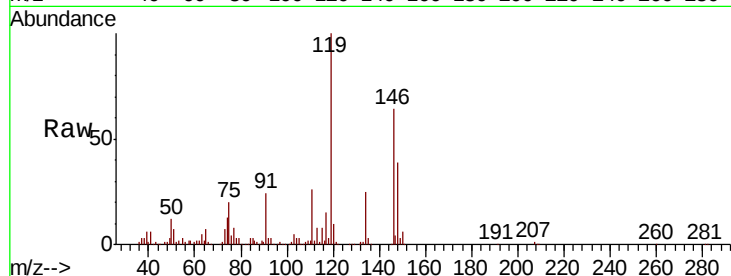
Tot Ion:146 Resp: 198868

Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.3

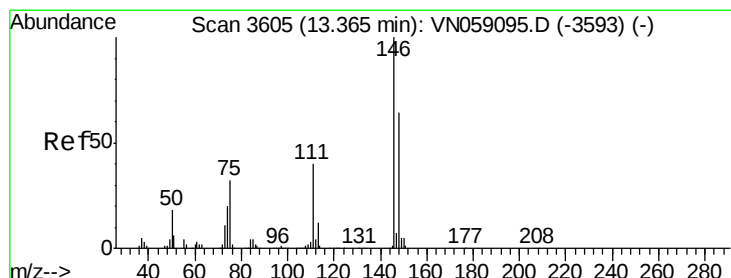
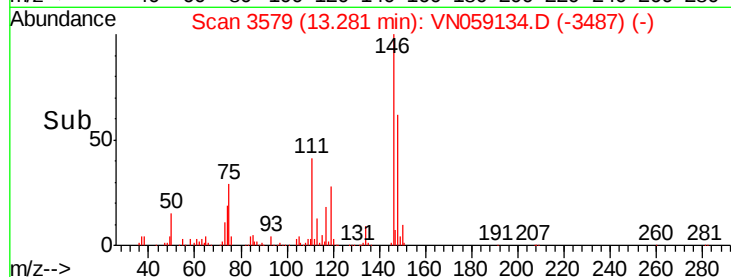
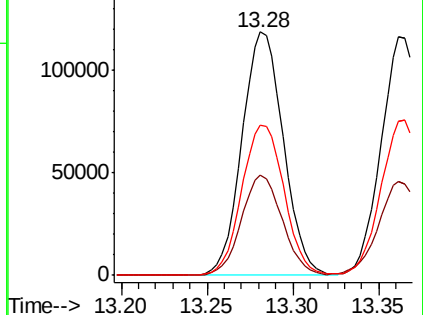
148 63.1 32.2 96.6



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: 19.541 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

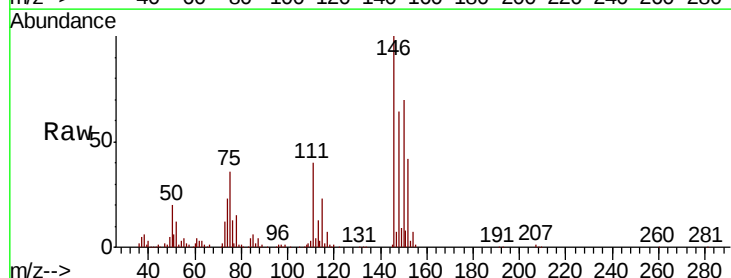
Tgt Ion:146 Resp: 192984

Ion Ratio Lower Upper

146 100

111 41.6 20.3 60.9

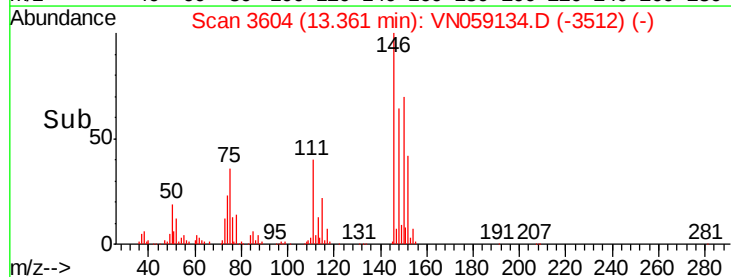
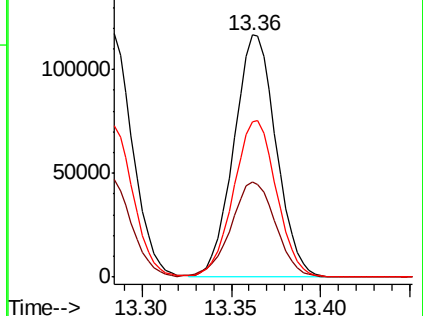
148 66.1 31.9 95.7

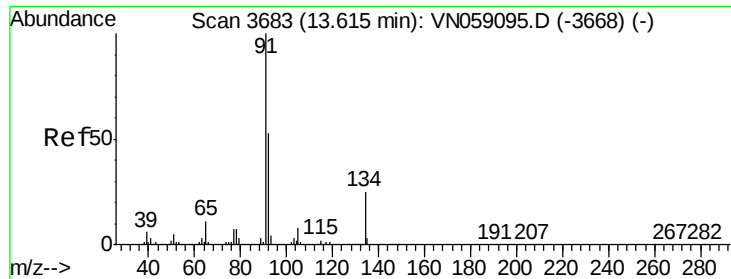


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

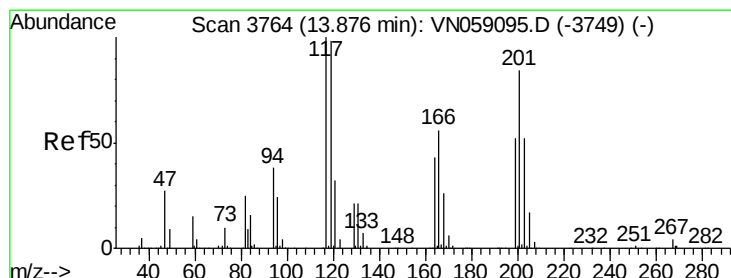
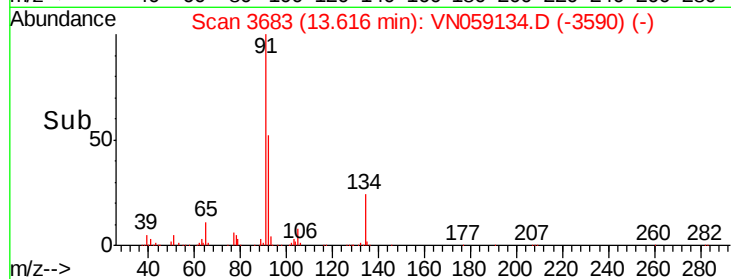
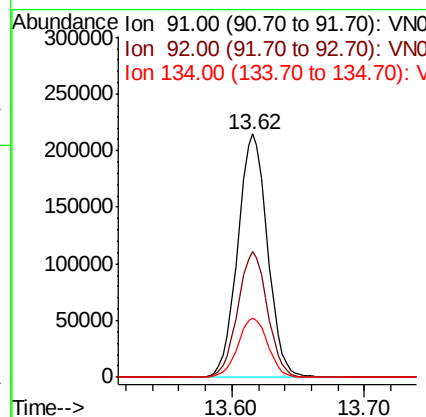
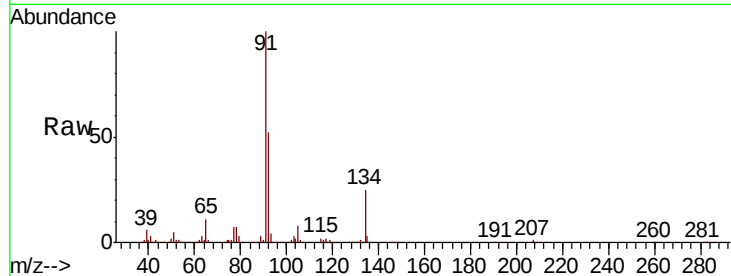




#89
n-Butylbenzene
Concen: 19.792 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

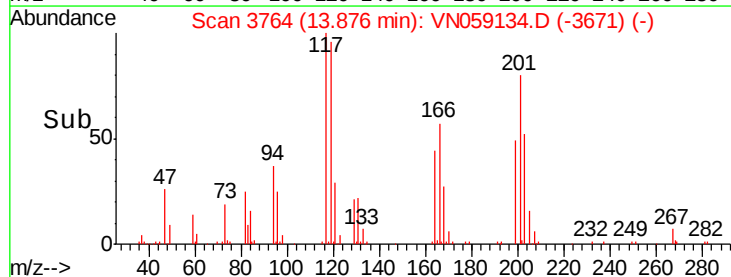
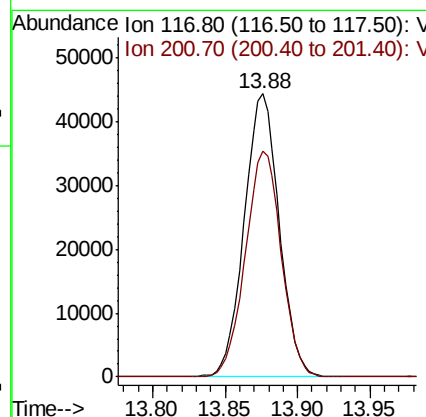
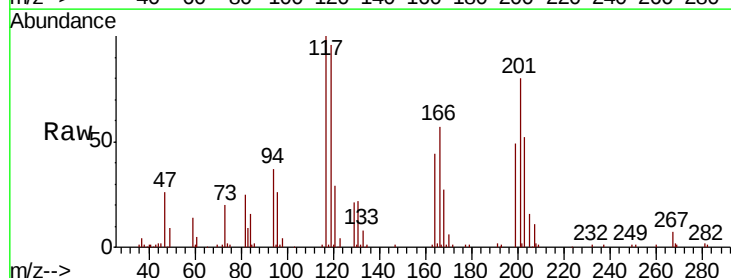
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBSD01

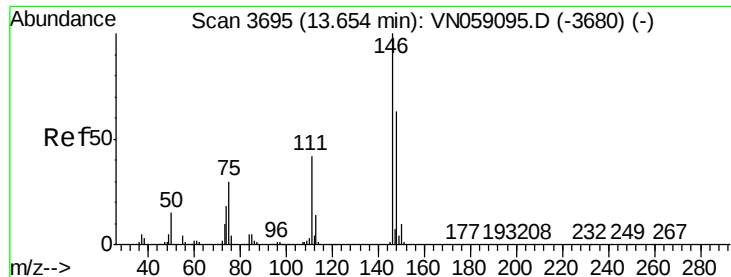
Tot Ion: 91 Resp: 333963
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.3
134 24.7 12.6 37.8



#90
Hexachloroethane
Concen: 19.296 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN059134.D
Acq: 8 Nov 2019 10:31

Tgt Ion: 117 Resp: 74697
Ion Ratio Lower Upper
117 100
201 81.7 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 20.231 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

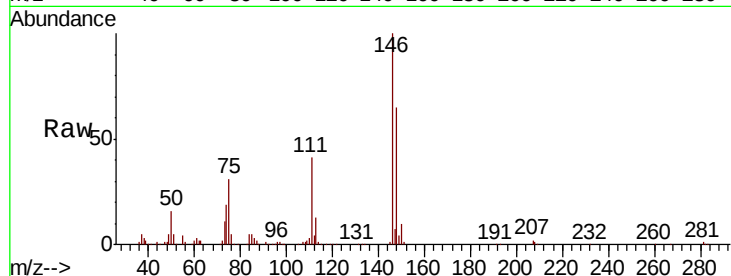
Tot Ion:146 Resp: 196442

Ion Ratio Lower Upper

146 100

111 41.9 21.2 63.6

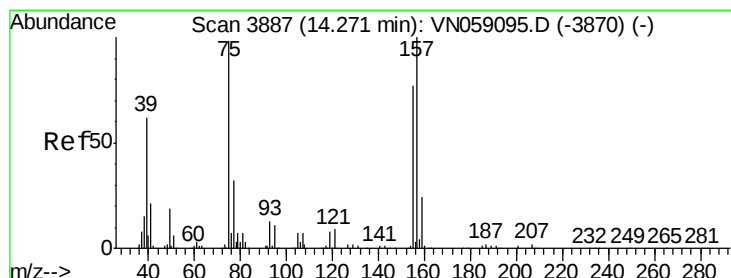
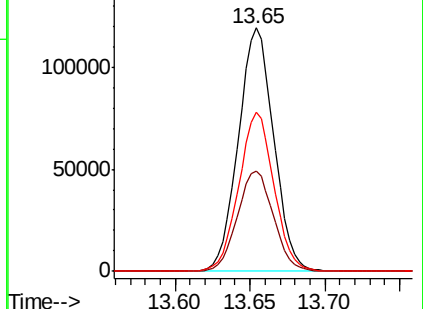
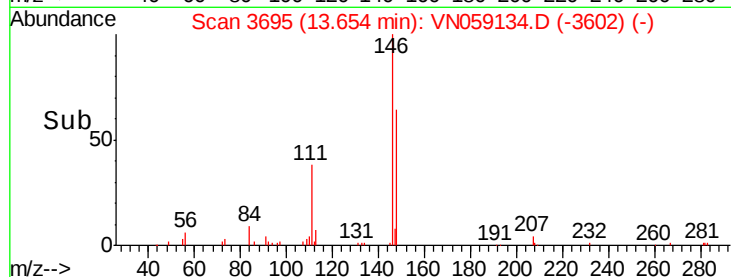
148 64.7 31.6 94.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.822 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

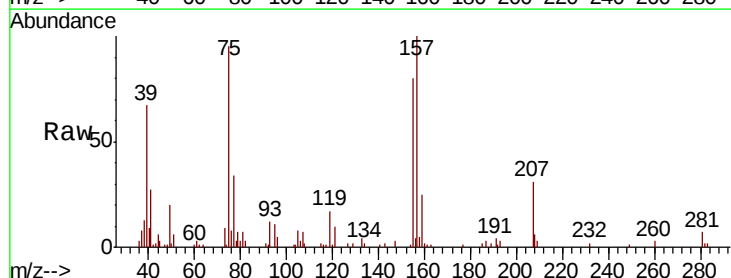
Tgt Ion: 75 Resp: 30873

Ion Ratio Lower Upper

75 100

155 77.8 40.2 120.6

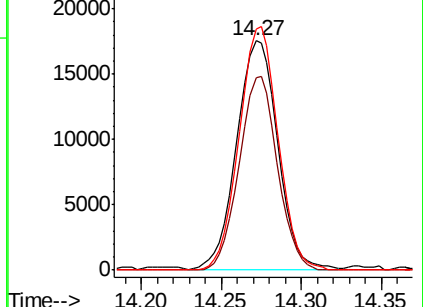
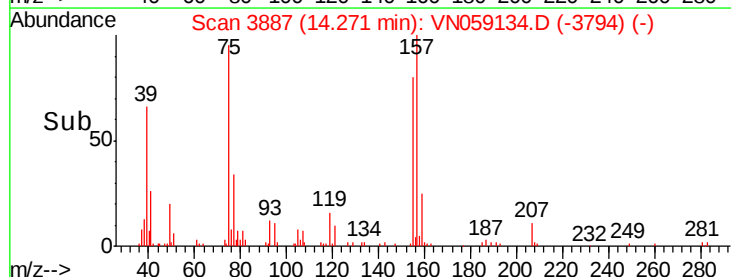
157 99.6 51.8 155.5

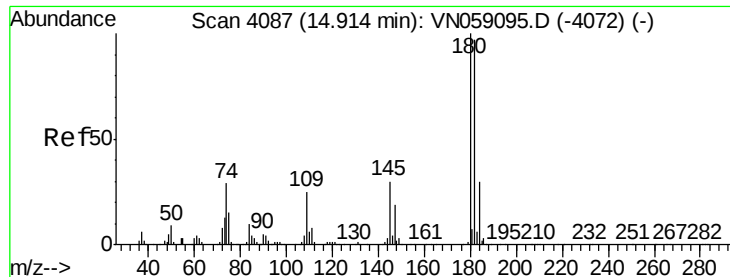


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

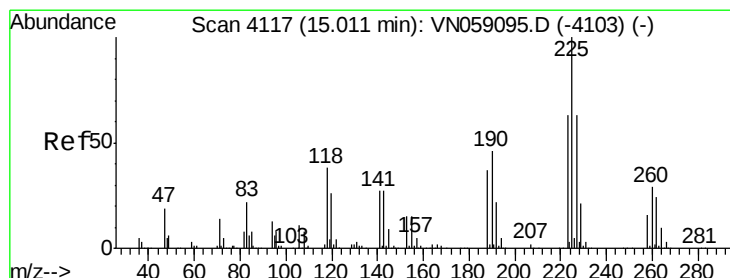
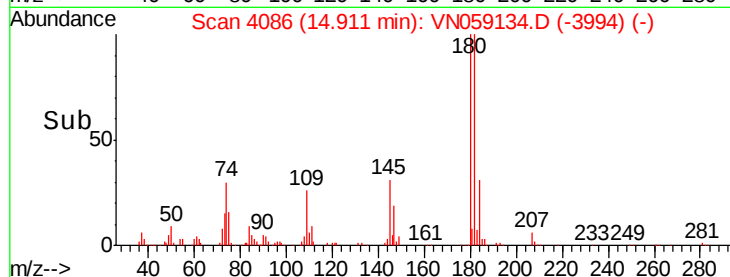
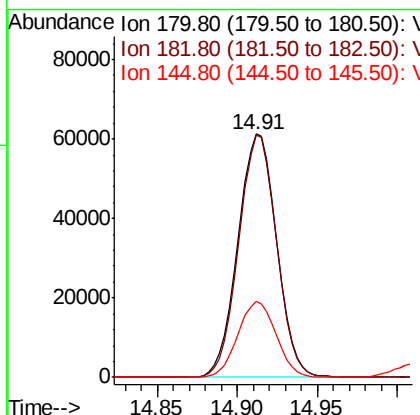
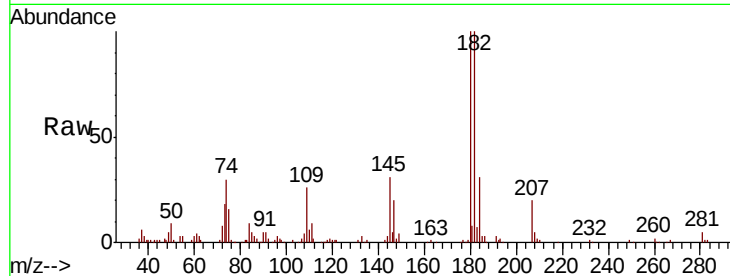




#93
 1,2,4-Trichlorobenzene
 Concen: 19.170 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

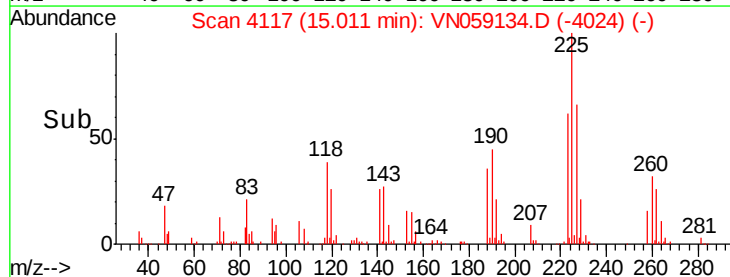
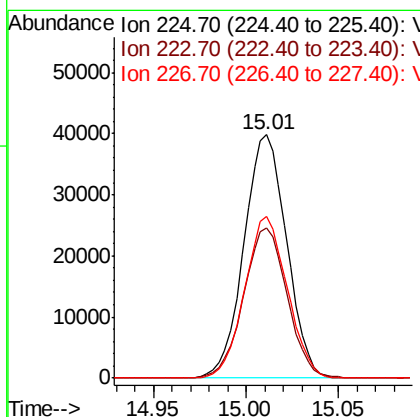
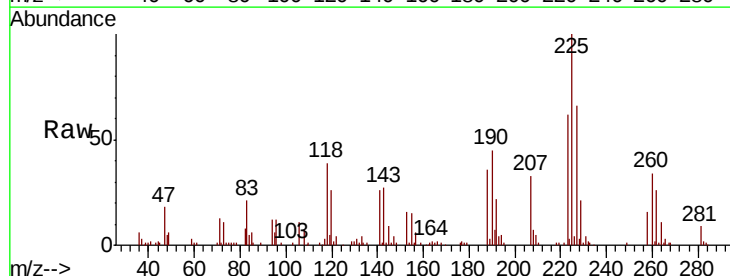
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBSD01

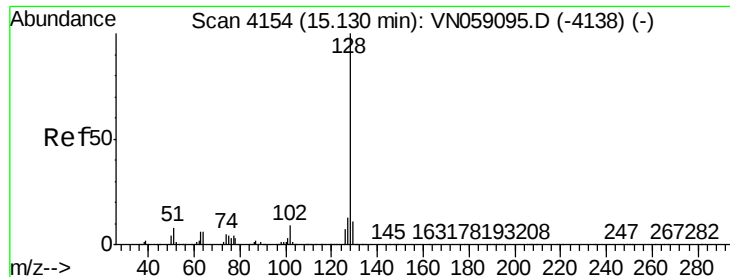
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.1	144.3
145	30.7	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 18.961 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059134.D
 Acq: 8 Nov 2019 10:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.9
227	66.1	31.5	94.5





#95

Naphthalene

Concen: 19.633 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBSD01

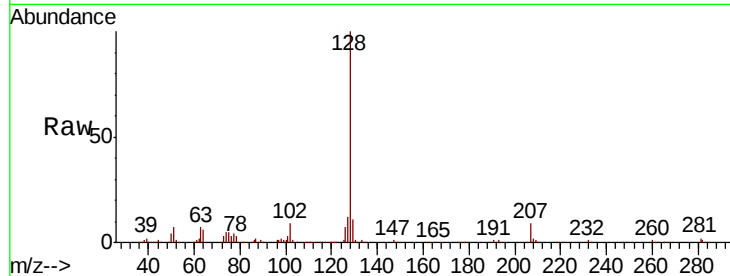
Tot Ion:128 Resp: 288696

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

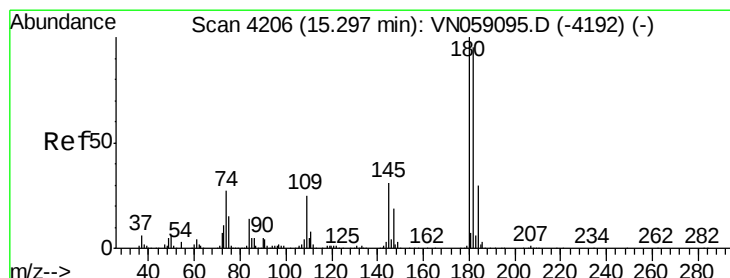
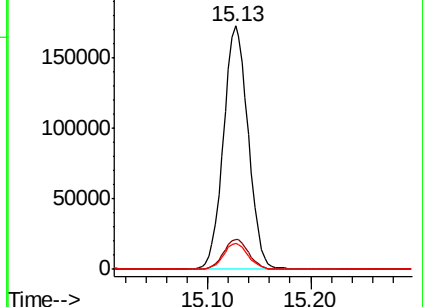
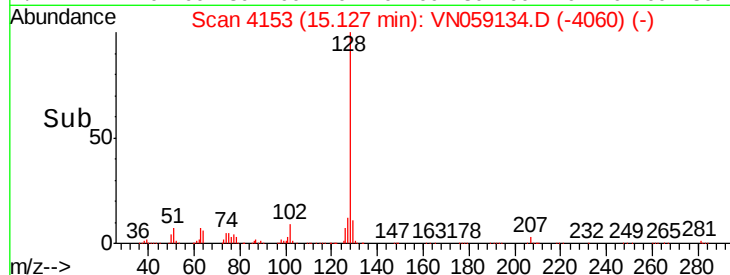
129 10.6 8.6 12.8



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: 19.377 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN059134.D

Acq: 8 Nov 2019 10:31

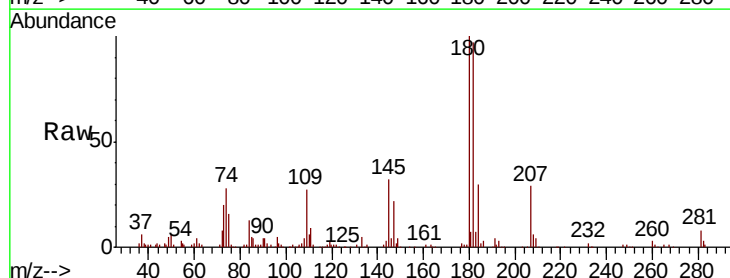
Tgt Ion:180 Resp: 105440

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 32.7 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

