

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059140.D
 Acq On : 8 Nov 2019 17:43
 Operator : JC/SP
 Sample : K5742-05
 Misc : 6.36µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)ME

Quant Time: Nov 11 00:58:21 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	478688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	736901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	644522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	271318	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.56	113	209412	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	10.08	98	1773050	102.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.60%	
62) 4-Bromofluorobenzene	12.40	95	413043	66.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.20%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.72	59	5736	5.115	ug/l #	72
13) Acrolein	3.51	56	2211	3.824	ug/l #	1
14) Allyl chloride	4.54	41	2112247	230.279	ug/l #	64
15) Acrylonitrile	5.01	53	97464	34.923	ug/l #	40
16) Acetone	3.74	43	152939	49.981	ug/l #	53
18) Methyl Acetate	4.54	43	5569912	766.879	ug/l #	53
20) Methylene Chloride	4.52	84	1494	0.280	ug/l #	1
23) Vinyl Acetate	5.82	43	15736	1.172	ug/l #	74
25) 2-Butanone	6.79	43	84629	20.985	ug/l #	50
26) 2,2-Dichloropropane	6.59	77	18400	2.175	ug/l #	53
28) Bromochloromethane	7.35	49	987	0.339	ug/l #	17
29) Tetrahydrofuran	7.19	42	2006	0.783	ug/l #	35
30) Chloroform	7.29	83	67321	7.252	ug/l #	19
31) Cyclohexane	7.61	56	4081208	445.507	ug/l #	70
37) Ethyl Acetate	6.79	43	84629	11.044	ug/l #	70
38) Carbon Tetrachloride	7.64	117	44818	6.537	ug/l #	16
39) Methylcyclohexane	9.06	83	8311586	1039.730	ug/l #	74
40) Benzene	8.01	78	66898	3.225	ug/l	99
41) Methacrylonitrile	7.18	41	17250	5.177	ug/l #	100
42) 1,2-Dichloroethane	8.14	62	7734	1.087	ug/l #	1
43) Isopropyl Acetate	8.12	43	932808	76.359	ug/l #	55
45) 1,2-Dichloropropane	9.12	63	5272	0.936	ug/l #	1
46) Dibromomethane	9.14	93	3241	0.923	ug/l #	1
47) Bromodichloromethane	9.36	83	185805	26.504	ug/l #	34
48) Methyl methacrylate	9.12	41	889892	162.859	ug/l #	40
49) 1,4-Dioxane	9.11	88	30	0.309	ug/l #	1
51) 4-Methyl-2-Pentanone	10.07	43	583582	84.428	ug/l #	41
52) Toluene	10.15	92	24400	1.963	ug/l	84
54) cis-1,3-Dichloropropene	9.85	75	2360	0.271	ug/l #	1
55) 1,1,2-Trichloroethane	10.52	97	2326305	462.362	ug/l #	19
56) Ethyl methacrylate	10.42	69	716295	84.033	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.65	63	4155	1.484	ug/l #	50
59) 2-Hexanone	10.71	43	2645803	498.701	ug/l #	29
60) Dibromochloromethane	10.81	129	9022	1.696	ug/l #	40

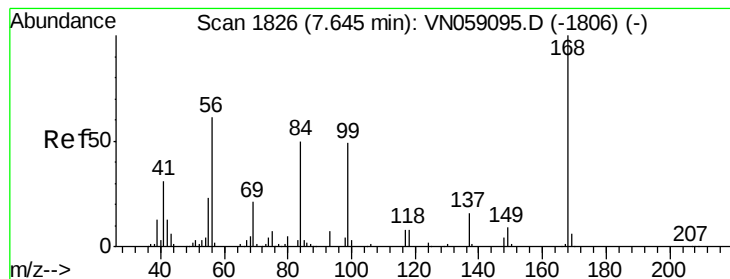
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059140.D
 Acq On : 8 Nov 2019 17:43
 Operator : JC/SP
 Sample : K5742-05
 Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)ME

Quant Time: Nov 11 00:58:21 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)
61) 1,2-Dibromoethane	10.97	107	1962	0.385	ug/l #	1
65) Chlorobenzene	11.54	112	31458	2.504	ug/l #	43
67) Ethyl Benzene	11.51	91	4299880	192.891	ug/l #	80
68) m/p-Xylenes	11.62	106	5207562	623.641	ug/l #	58
69) o-Xylene	11.94	106	156216	19.358	ug/l	99
70) Styrene	11.94	104	9734	0.767	ug/l #	1
73) Isopropylbenzene	12.25	105	804043	34.836	ug/l	100
74) N-amyl acetate	12.04	43	817979	83.636	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.56	83	66591	8.472	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	25782	3.569	ug/l #	100
78) n-propylbenzene	12.59	91	3875203	146.635	ug/l	92
79) 2-Chlorotoluene	12.66	91	1724616	105.195	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	5524669	282.481	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.25	75	8465	3.095	ug/l #	36
82) 4-Chlorotoluene	12.73	91	876874	53.327	ug/l #	44
83) tert-Butylbenzene	13.04	119	2808768	166.302	ug/l #	67
84) 1,2,4-Trimethylbenzene	12.89	105	4287994	226.615	ug/l	87
85) sec-Butylbenzene	13.17	105	687621	31.304	ug/l #	50
86) p-Isopropyltoluene	13.29	119	469393	24.202	ug/l	98
89) n-Butylbenzene	13.62	91	1858730	109.496	ug/l #	65
90) Hexachloroethane	13.89	117	677757	174.027	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.30	75	22966	14.664	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.91	180	1201	3.237	ug/l #	28
95) Naphthalene	15.13	128	4843982	279.702	ug/l #	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

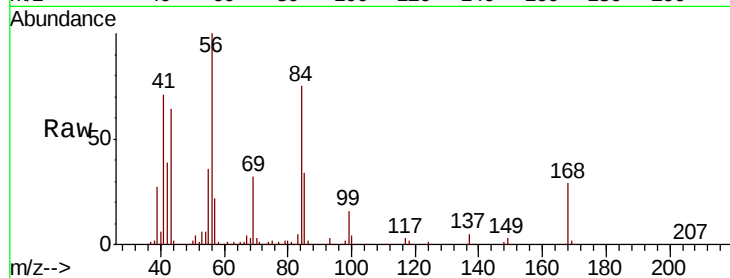
SB-22-(14-15)ME

Tot Ion:168 Resp: 478688

Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

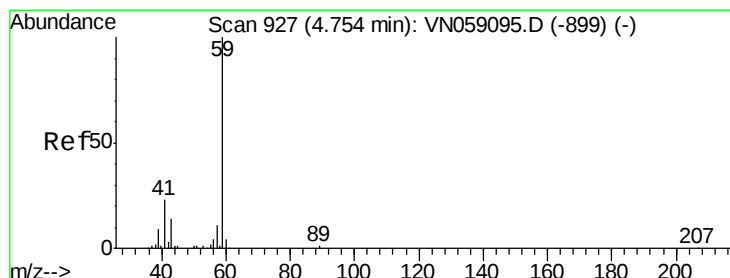
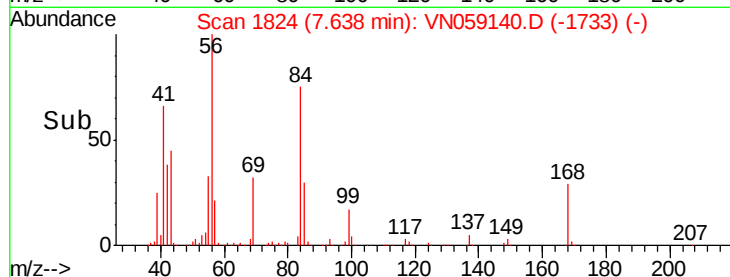
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 5.115 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.04 min

Lab File: VN059140.D

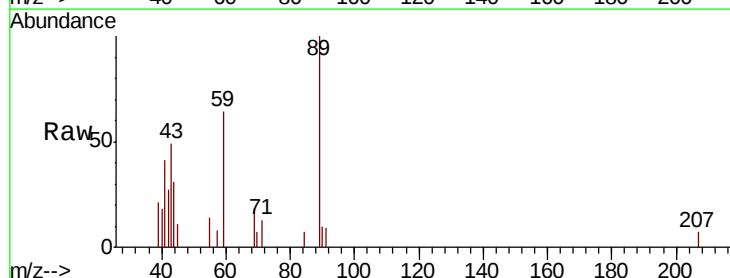
Acq: 8 Nov 2019 17:43

Tgt Ion: 59 Resp: 5736

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

25000

20000

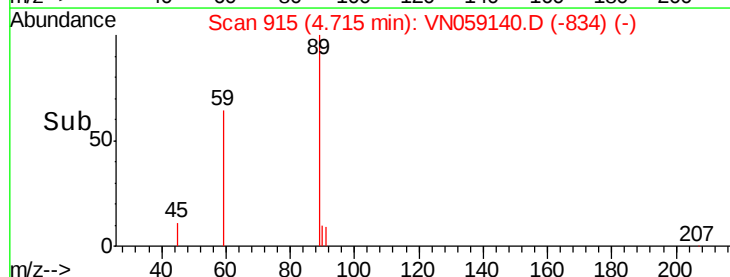
15000

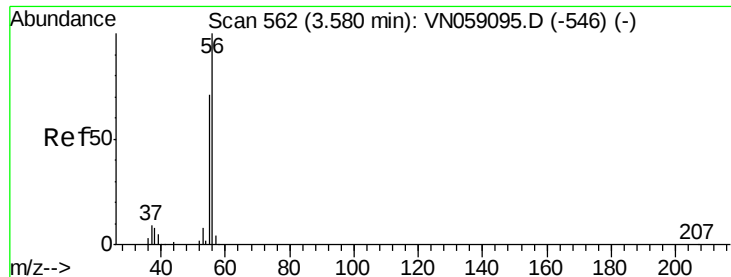
10000

5000

0

Time--> 4.60 4.70 4.80





#13

Acrolein

Concen: 3.824 ug/l

RT: 3.51 min Scan# 541

Delta R.T. -0.07 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

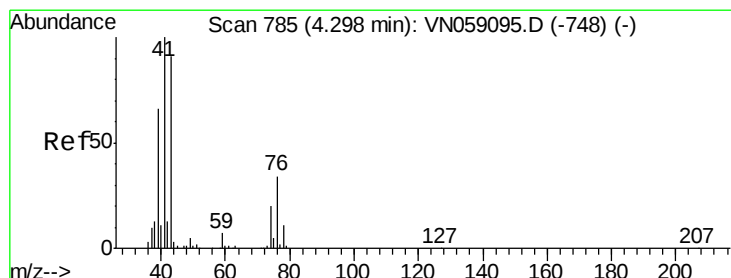
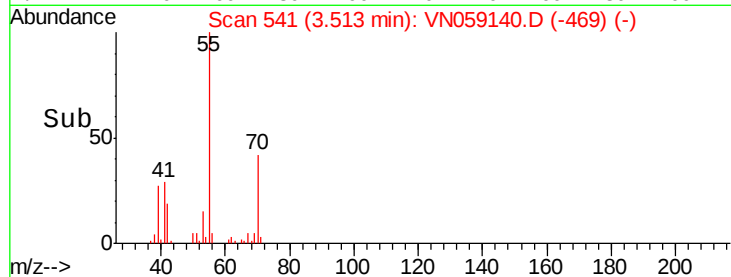
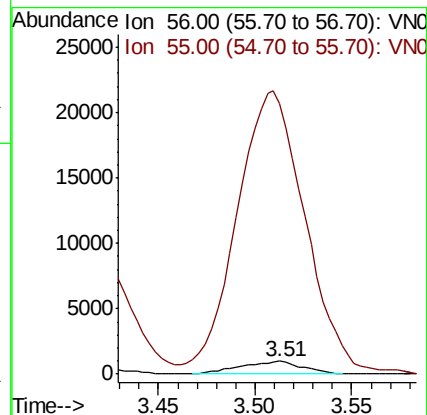
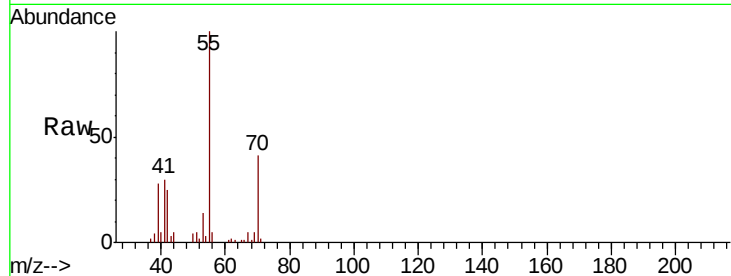
SB-22-(14-15)ME

Tot Ion: 56 Resp: 2211

Ion Ratio Lower Upper

56 100

55 2413.7 56.4 84.6#



#14

Allyl chloride

Concen: 230.279 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.24 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

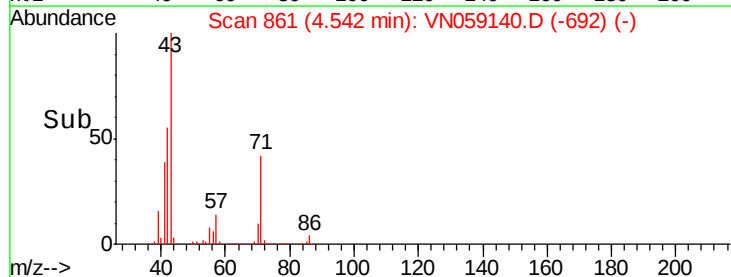
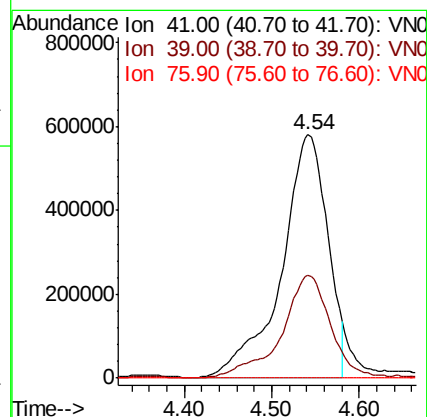
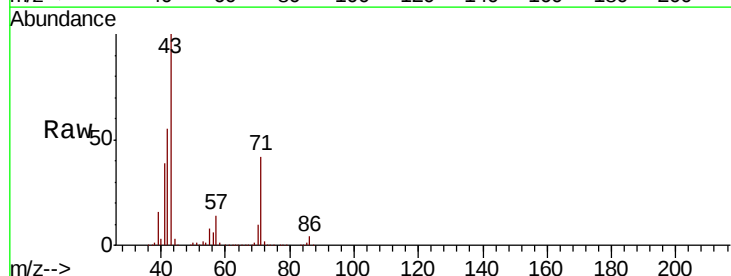
Tgt Ion: 41 Resp: 2112247

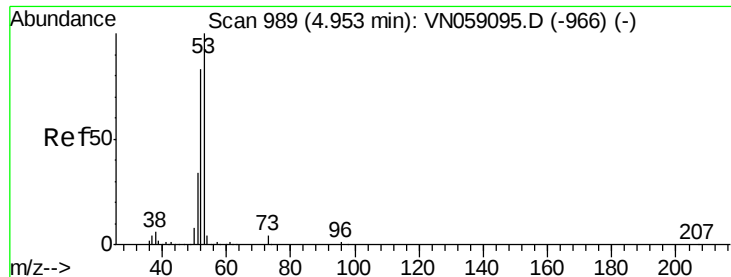
Ion Ratio Lower Upper

41 100

39 42.3 49.1 73.7#

76 0.0 24.9 37.3#





#15

Acrylonitrile

Concen: 34.923 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.05 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

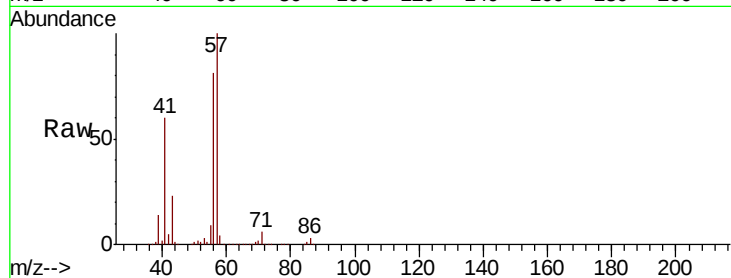
Tot Ion: 53 Resp: 97464

Ion Ratio Lower Upper

53 100

52 20.1 65.0 97.6#

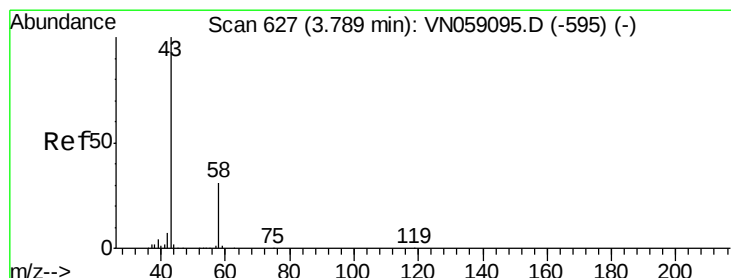
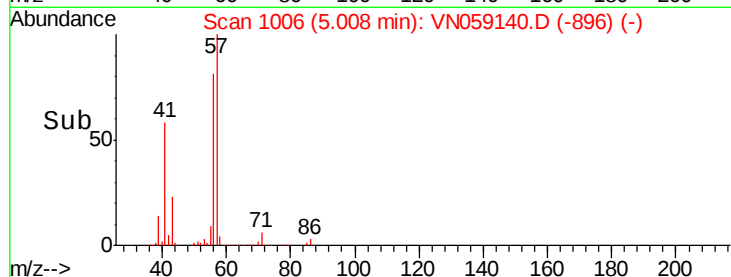
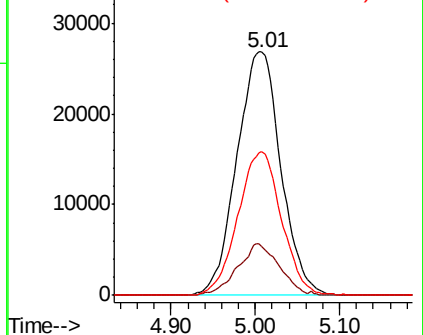
51 58.3 28.0 42.0#



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: 49.981 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.05 min

Lab File: VN059140.D

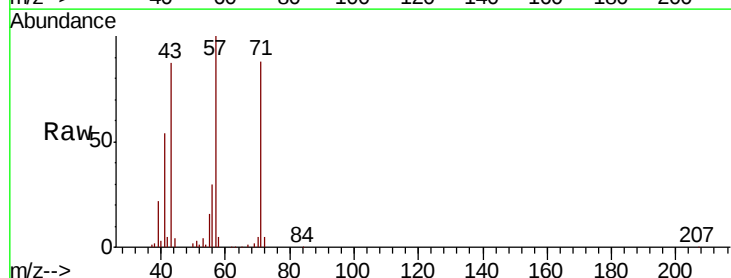
Acq: 8 Nov 2019 17:43

Tgt Ion: 43 Resp: 152939

Ion Ratio Lower Upper

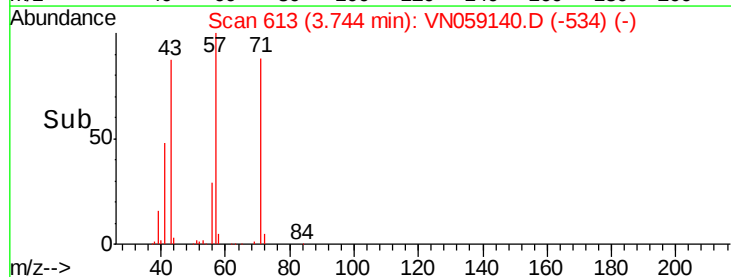
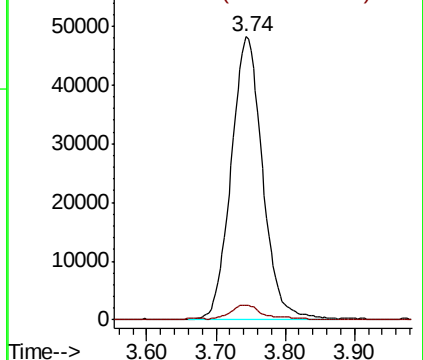
43 100

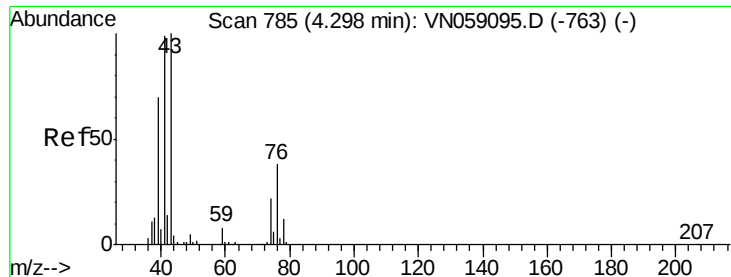
58 5.3 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

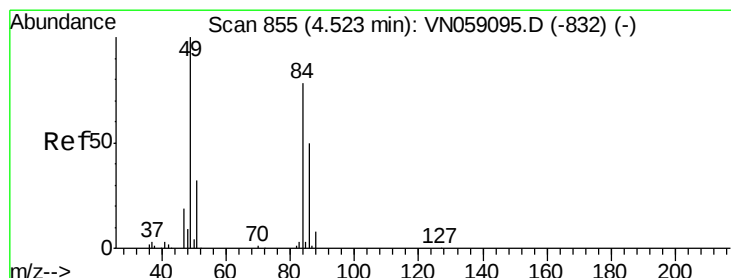
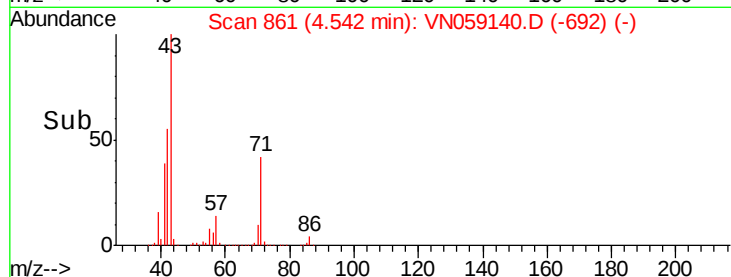
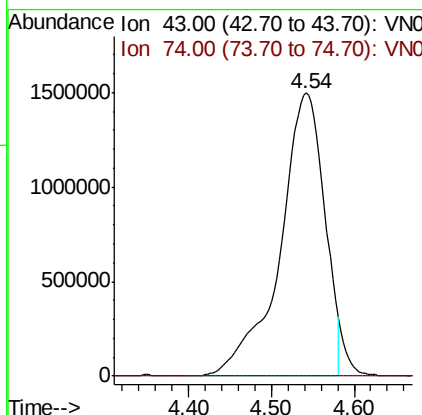
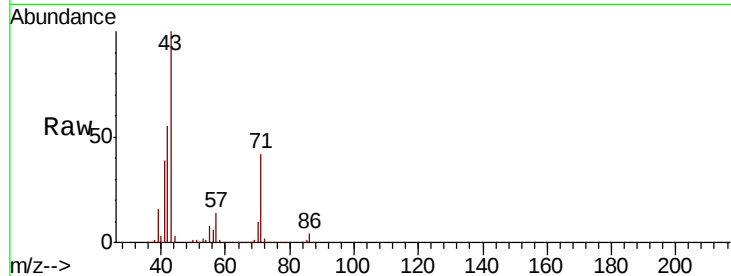




#18
Methyl Acetate
Concen: 766.879 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.24 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

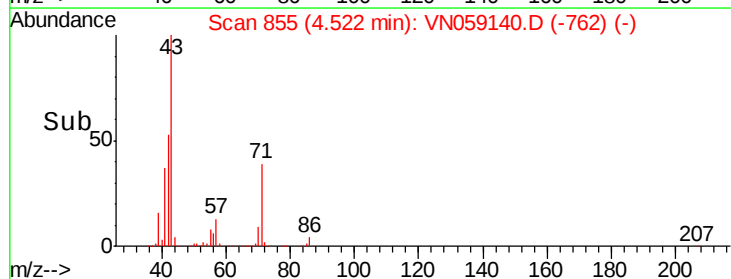
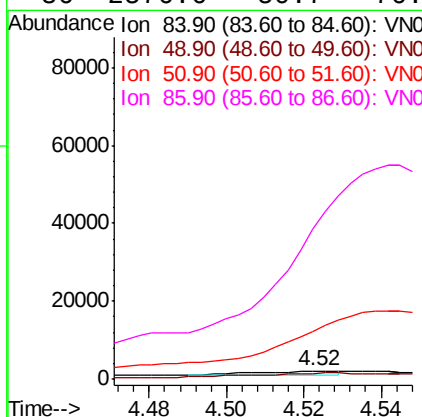
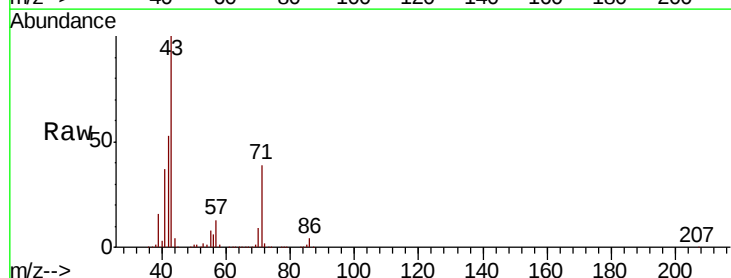
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

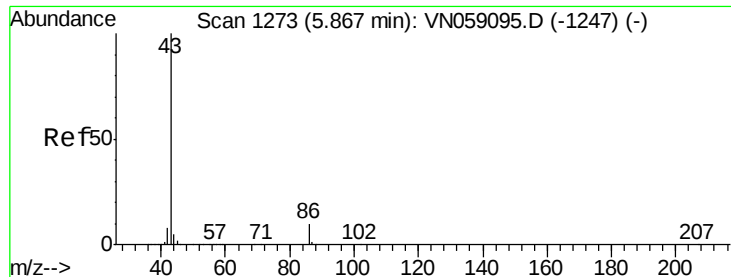
Tot Ion: 43 Resp: 5569912
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion: 84 Resp: 1494
Ion Ratio Lower Upper
84 100
49 94.2 102.0 153.0#
51 782.4 32.2 48.2#
86 2576.6 50.7 76.1#





#23

Vinyl Acetate

Concen: 1.172 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.04 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

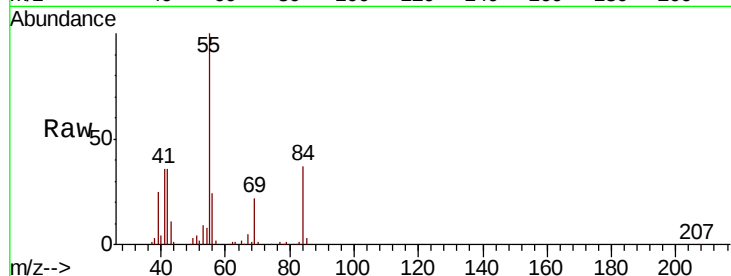
SB-22-(14-15)ME

Tot Ion: 43 Resp: 15736

Ion Ratio Lower Upper

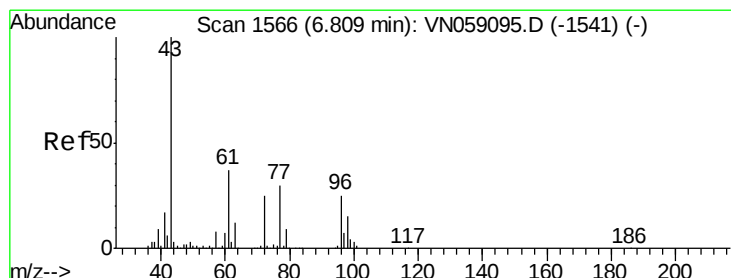
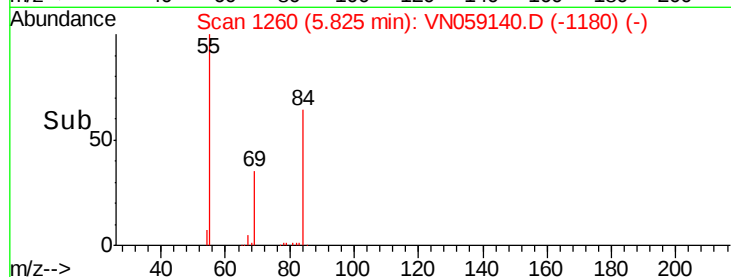
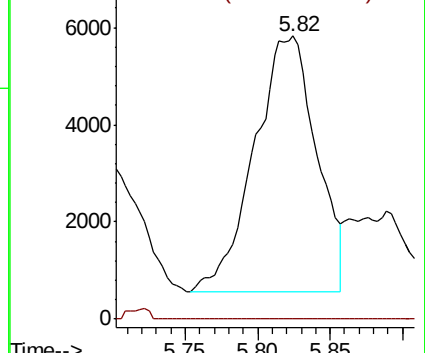
43 100

86 0.0 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#25

2-Butanone

Concen: 20.985 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.02 min

Lab File: VN059140.D

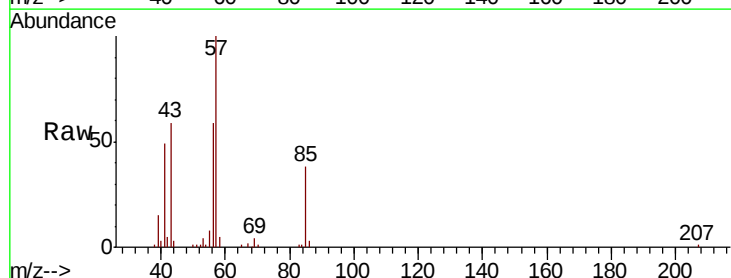
Acq: 8 Nov 2019 17:43

Tgt Ion: 43 Resp: 84629

Ion Ratio Lower Upper

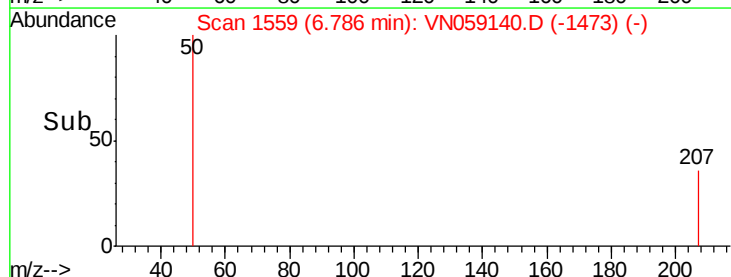
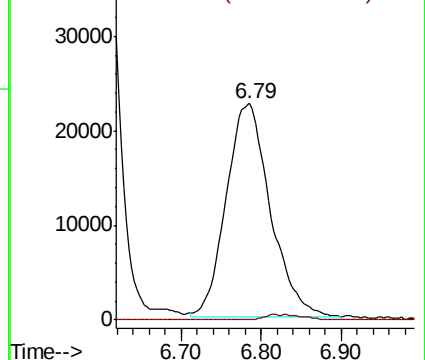
43 100

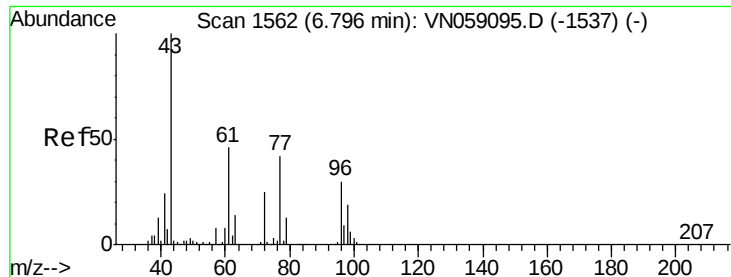
72 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

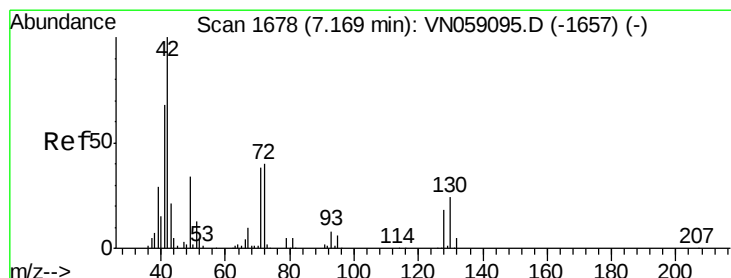
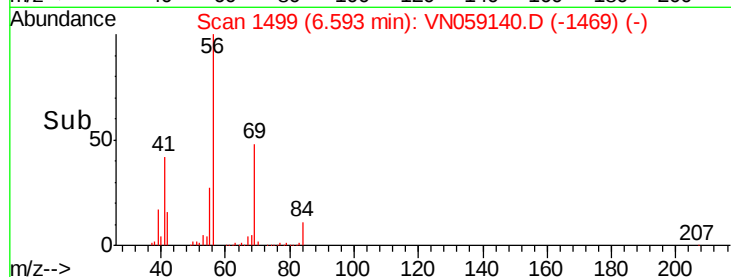
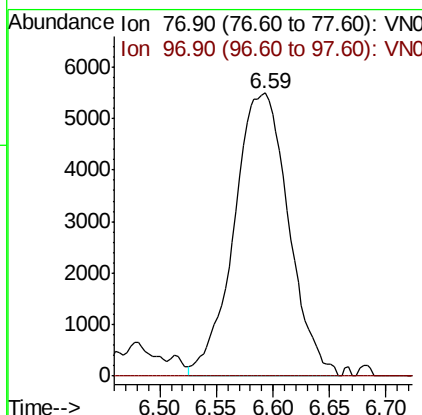
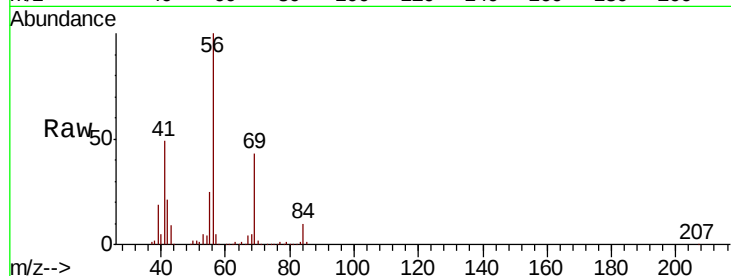




#26
 2,2-Dichloropropane
 Concen: 2.175 ug/l
 RT: 6.59 min Scan# 1499
 Delta R.T. -0.20 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

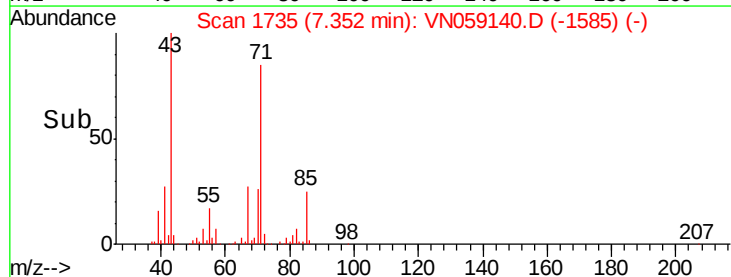
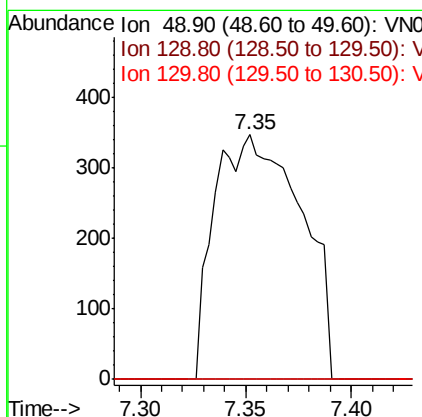
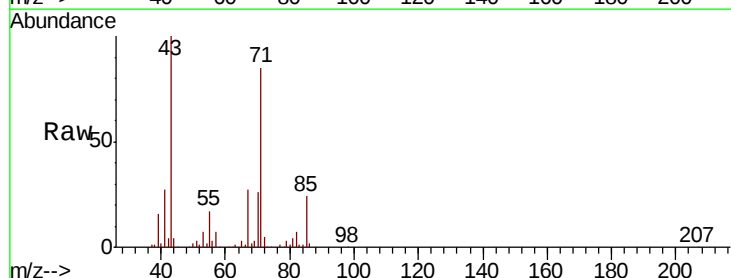
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)ME

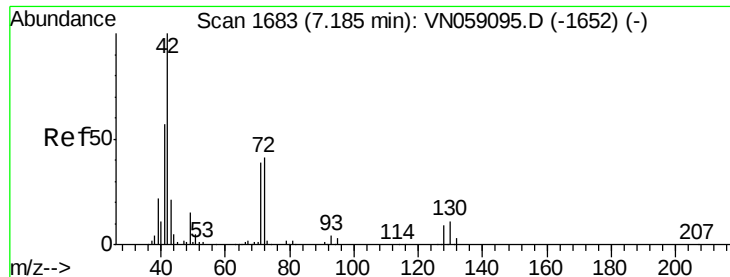
Tot Ion: 77 Resp: 18400
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.6#



#28
 Bromochloromethane
 Concen: 0.339 ug/l
 RT: 7.35 min Scan# 1735
 Delta R.T. 0.18 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion: 49 Resp: 987
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 55.6 83.4#





#29

Tetrahydrofuran

Concen: 0.783 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

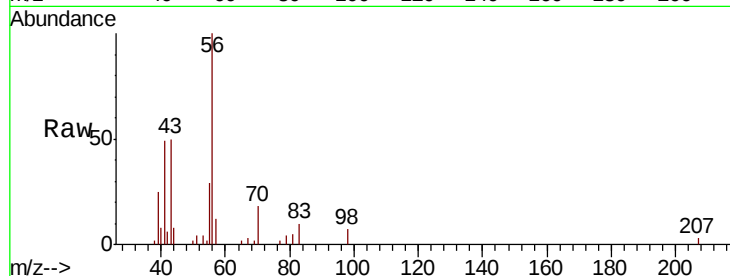
Tot Ion: 42 Resp: 2006

Ion Ratio Lower Upper

42 100

72 0.0 33.1 49.7#

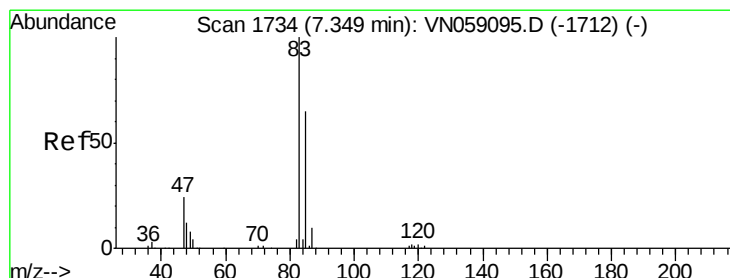
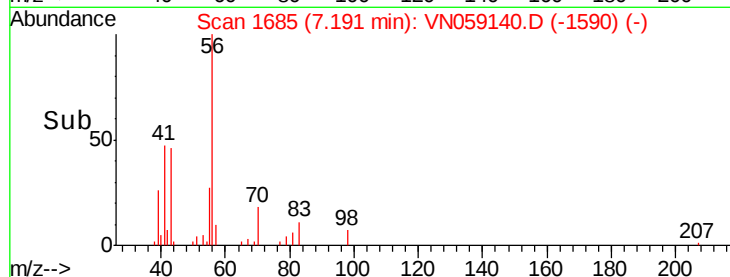
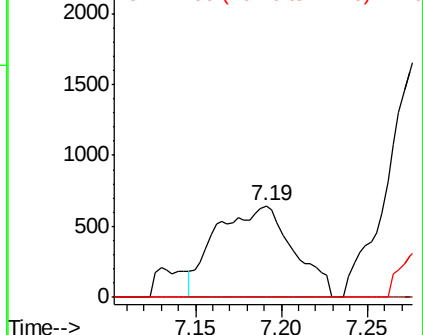
71 0.0 30.9 46.3#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 7.252 ug/l

RT: 7.29 min Scan# 1717

Delta R.T. -0.05 min

Lab File: VN059140.D

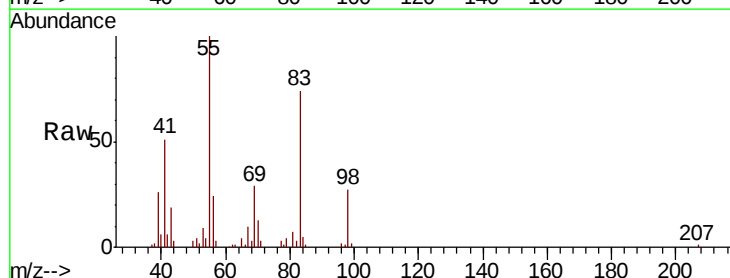
Acq: 8 Nov 2019 17:43

Tgt Ion: 83 Resp: 67321

Ion Ratio Lower Upper

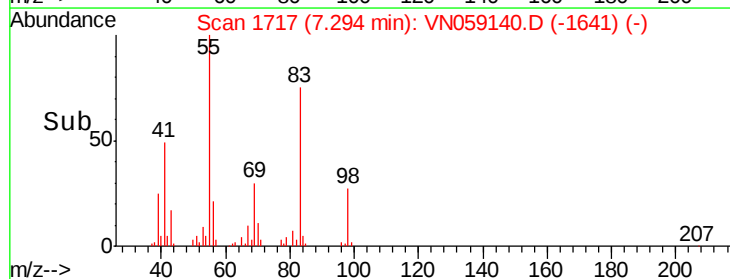
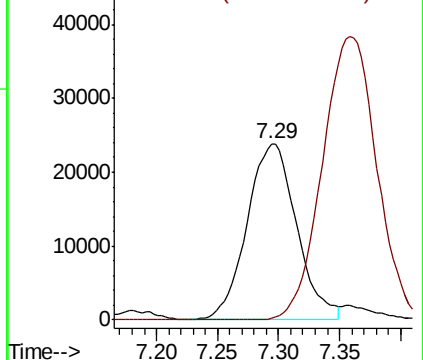
83 100

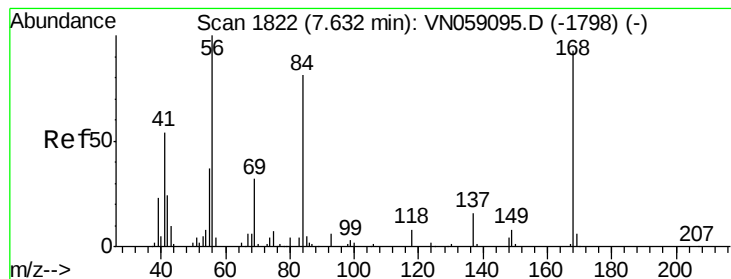
85 1.0 51.8 77.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 445.507 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.02 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

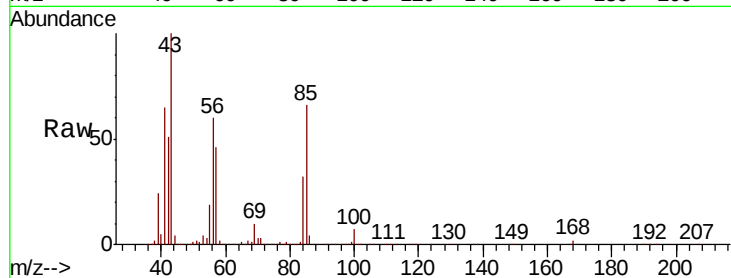
Tot Ion: 56 Resp: 4081208

Ion Ratio Lower Upper

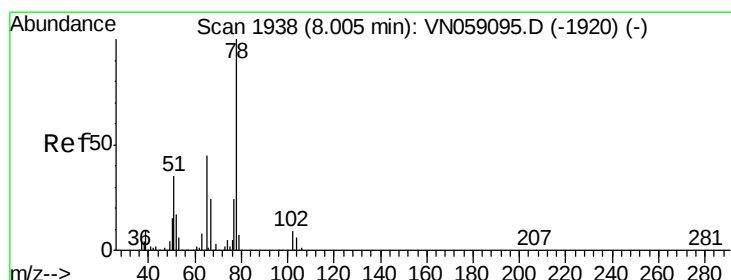
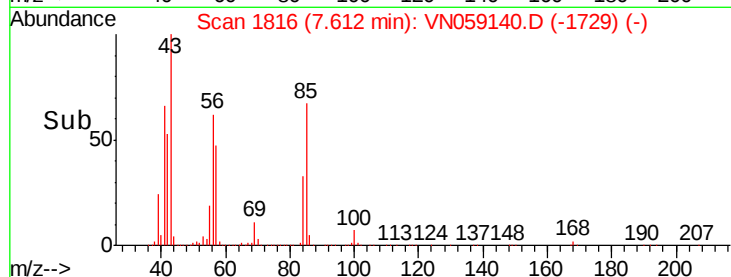
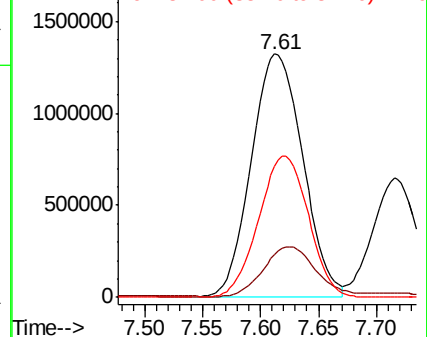
56 100

69 16.8 25.8 38.8#

84 53.9 65.0 97.4#



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



#33

1,2-Dichloroethane-d4

Concen: 46.109 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059140.D

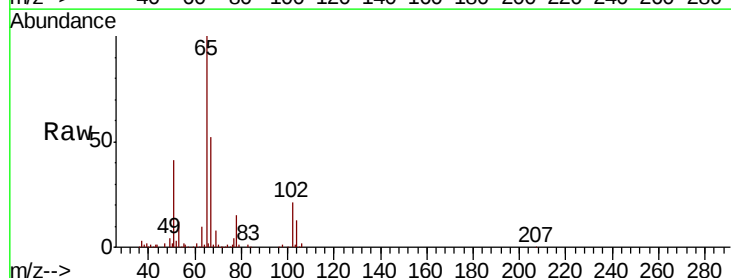
Acq: 8 Nov 2019 17:43

Tgt Ion: 65 Resp: 271318

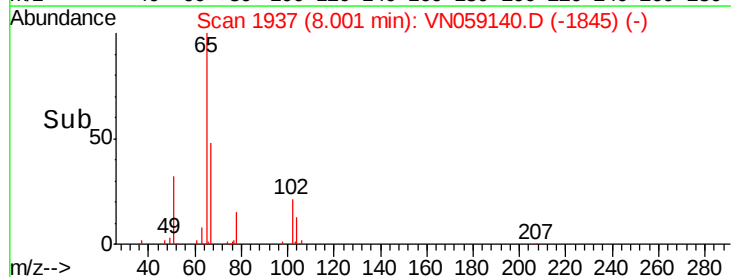
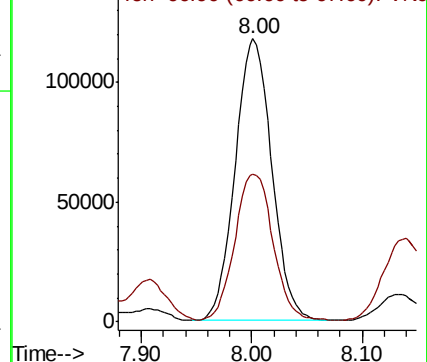
Ion Ratio Lower Upper

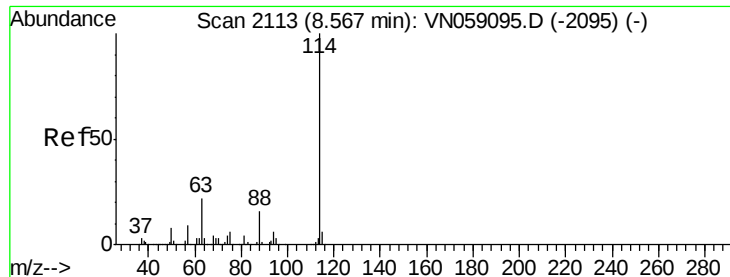
65 100

67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

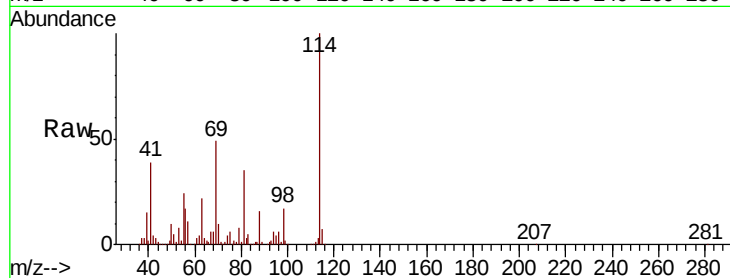




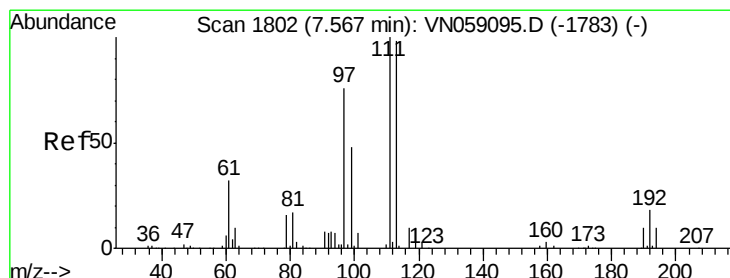
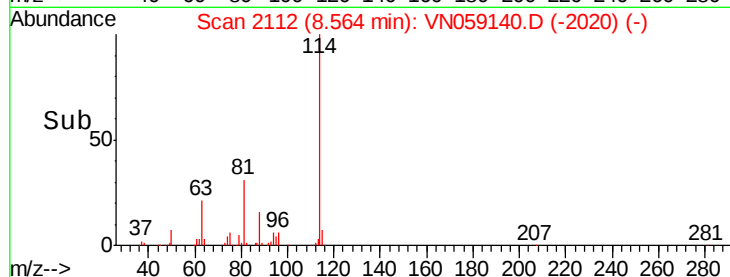
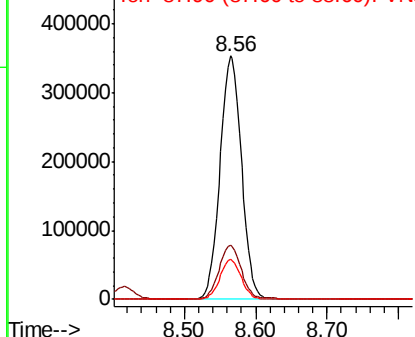
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)ME

Tot Ion:114	Resp:	736901
Ion	Ratio	Lower Upper
114	100	
63	22.2	0.0 43.4
88	16.4	0.0 32.2

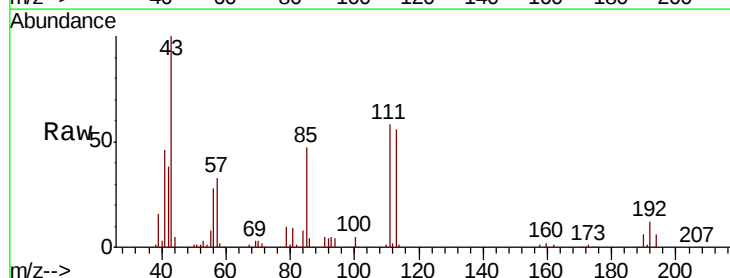


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

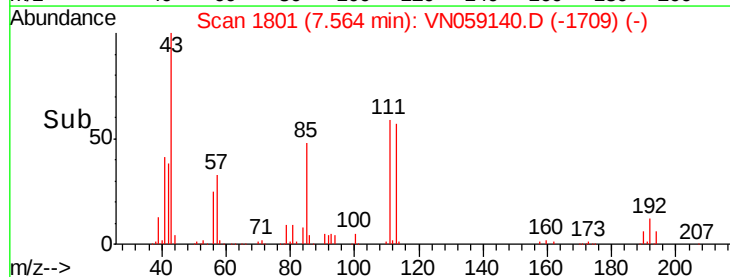
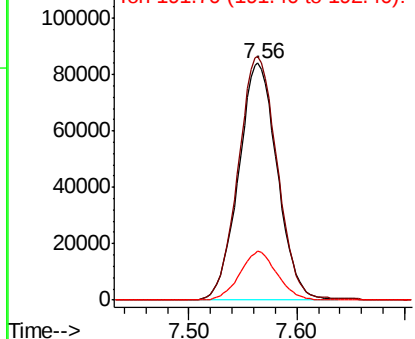


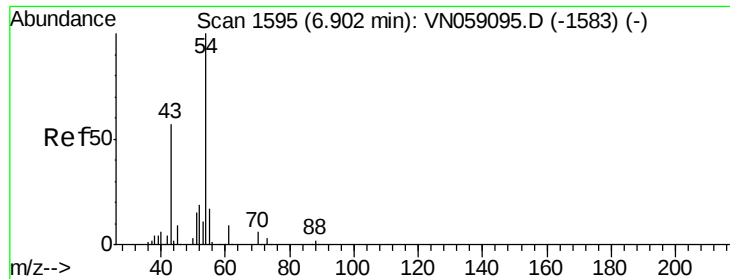
#35
 Dibromofluoromethane
 Concen: 47.593 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion:113	Resp:	209412
Ion	Ratio	Lower Upper
113	100	
111	104.2	82.8 124.2
192	19.8	16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

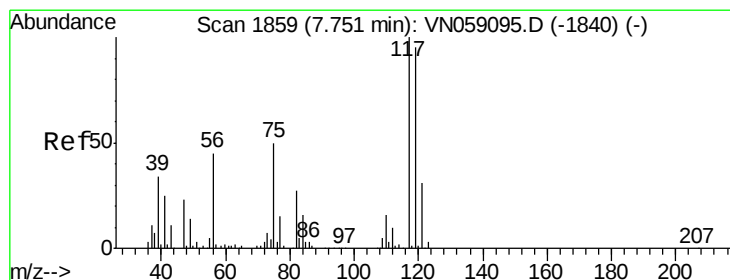
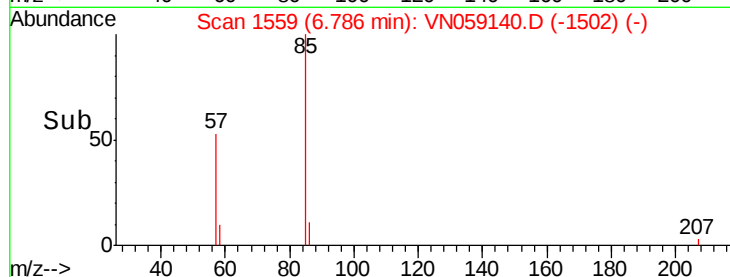
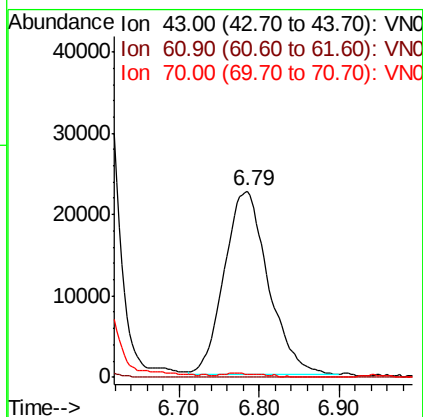
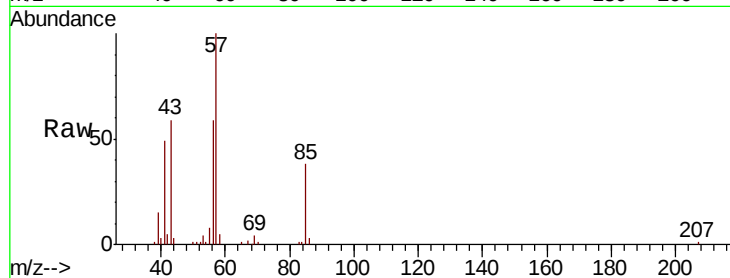




#37
Ethyl Acetate
Concen: 11.044 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.12 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

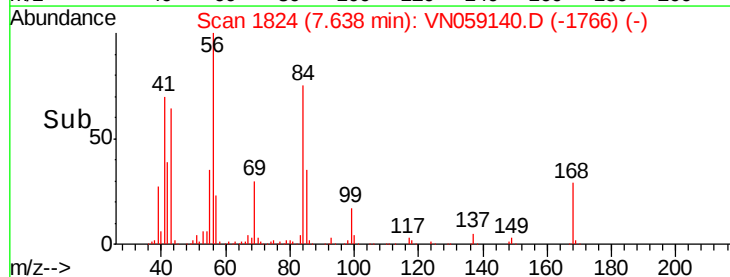
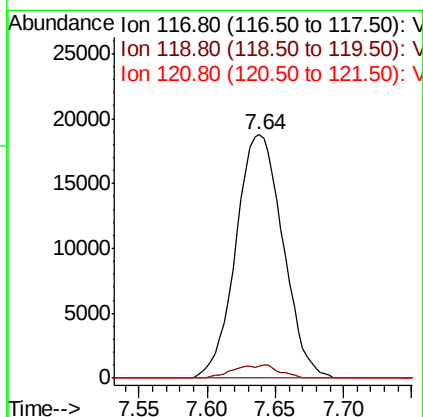
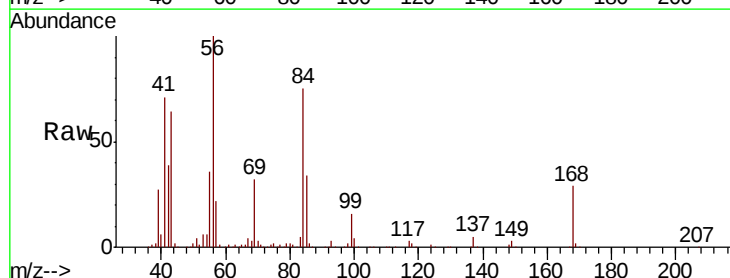
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

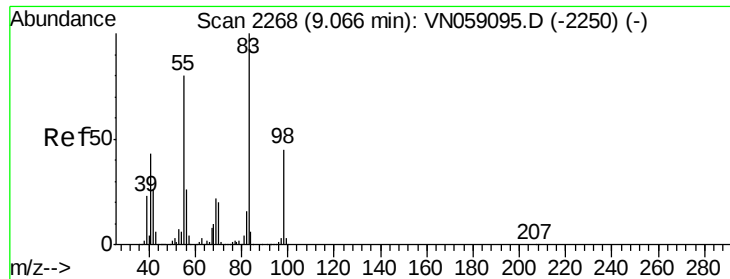
Tot Ion: 43 Resp: 84629
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.6 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 6.537 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion: 117 Resp: 44818
Ion Ratio Lower Upper
117 100
119 4.7 75.6 113.4#
121 0.0 24.6 36.8#

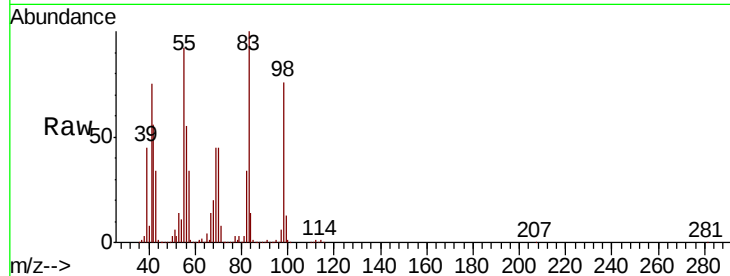




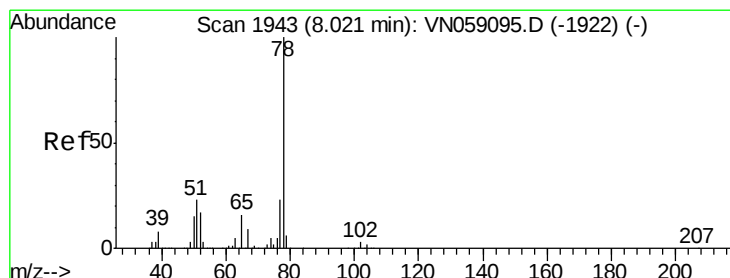
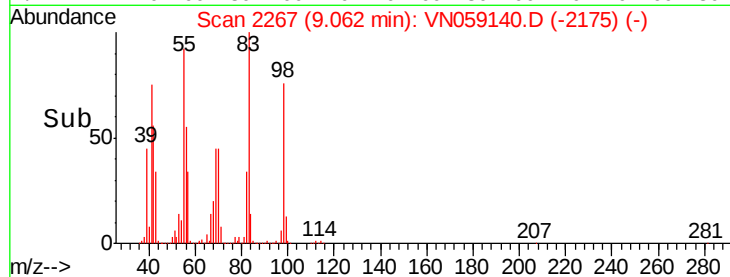
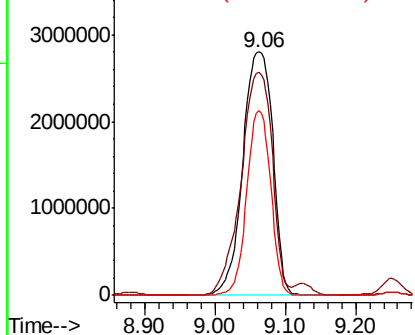
#39
Methvlcvclohexane
Concen: 1039.730 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

Tot Ion: 83 Resp: 8311586
Ion Ratio Lower Upper
83 100
55 91.7 63.9 95.9
98 75.9 35.6 53.4#

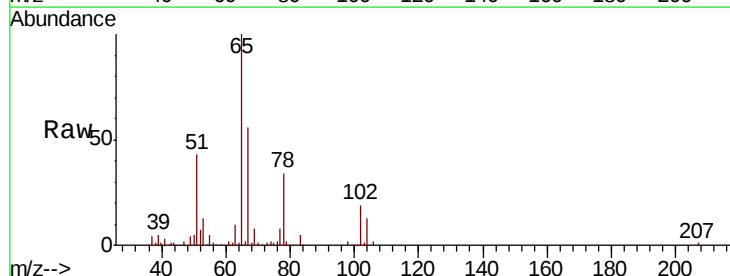


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

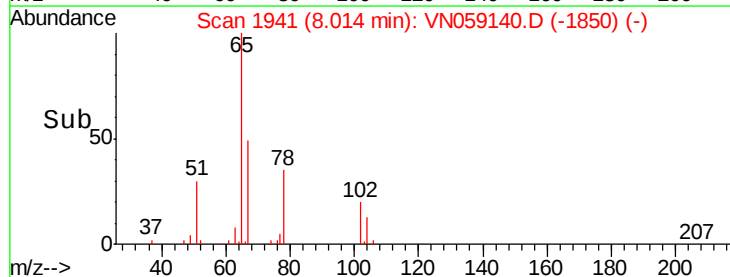
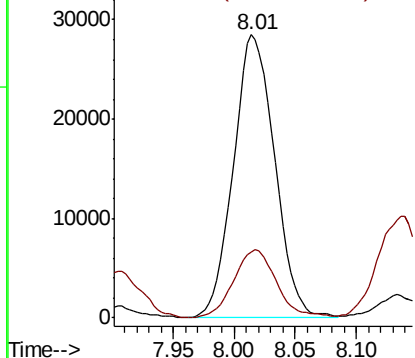


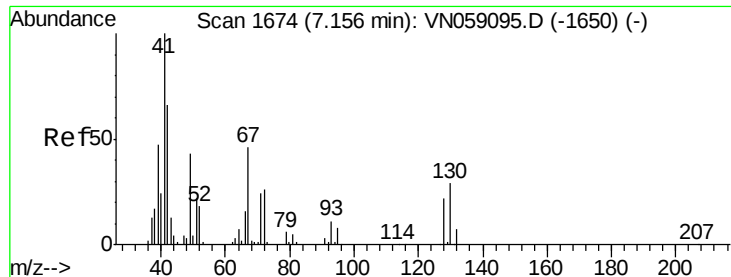
#40
Benzene
Concen: 3.225 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion: 78 Resp: 66898
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VNO
Ion 77.00 (76.70 to 77.70): VNO

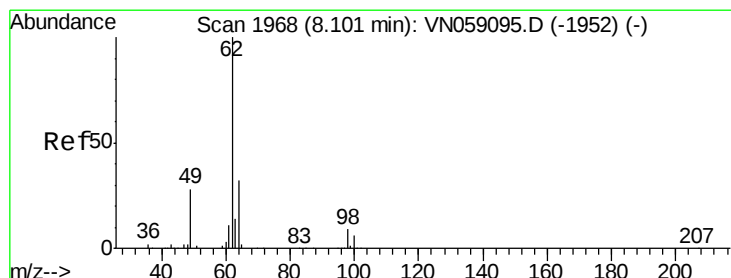
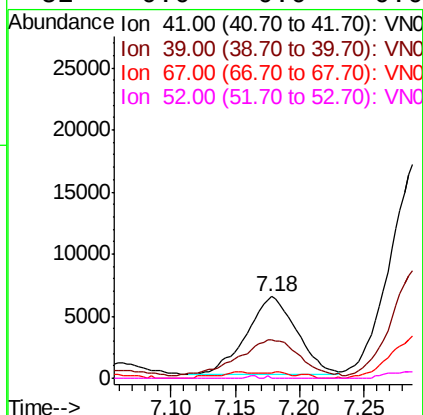
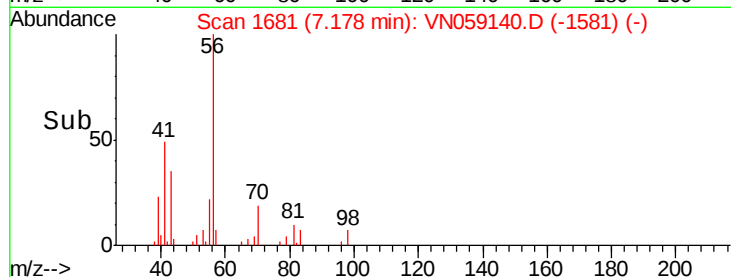
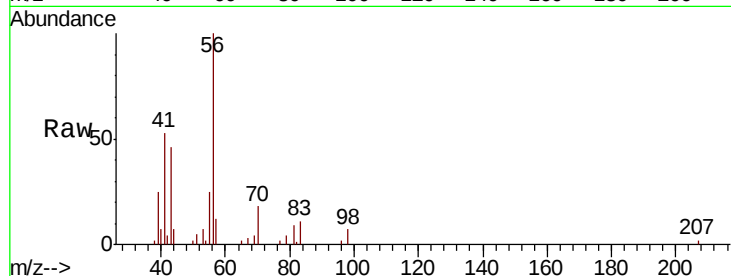




#41
Methacrylonitrile
Concen: 5.177 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.02 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

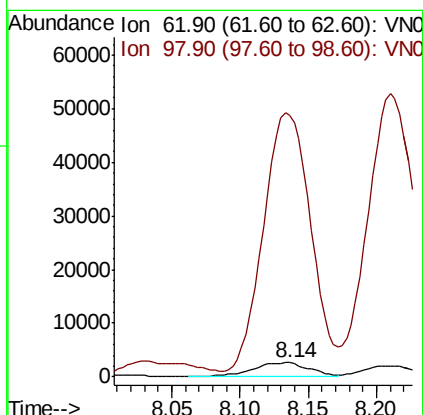
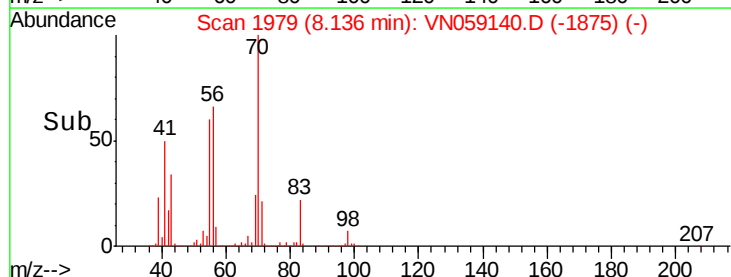
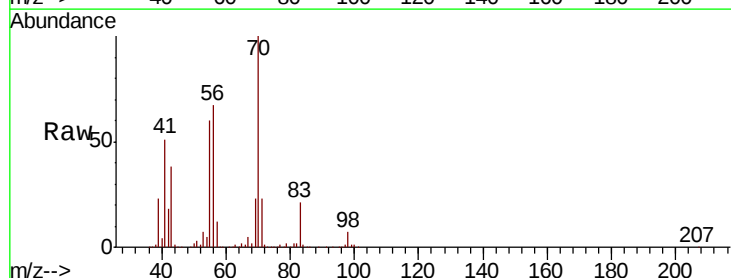
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

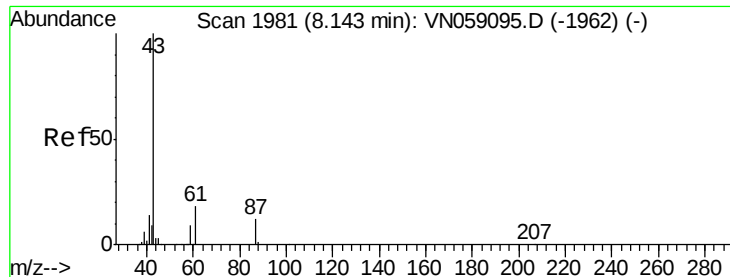
Tot Ion:	41	Resp:	17250
Ion	Ratio	Lower	Upper
41	100		
39	55.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 1.087 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. 0.04 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion:	62	Resp:	7734
Ion	Ratio	Lower	Upper
62	100		
98	1486.8	0.0	17.8#





#43

Isopropyl Acetate

Concen: 76.359 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.02 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

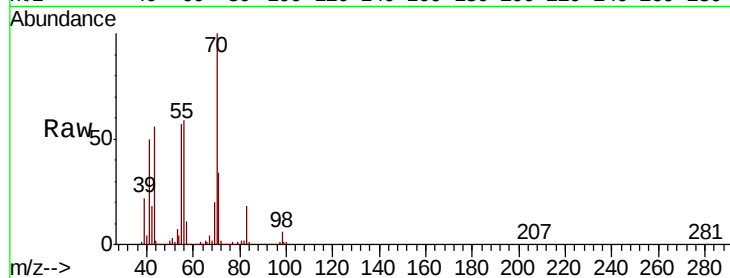
Tot Ion: 43 Resp: 932808

Ion Ratio Lower Upper

43 100

61 0.3 21.0 31.6#

87 0.0 9.8 14.6#



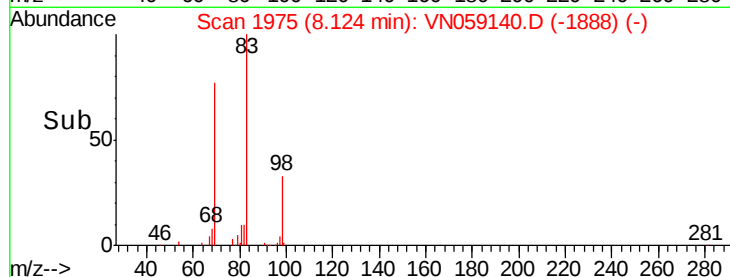
Abundance Ion 43.00 (42.70 to 43.70): VN059140.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059140.D (-1962) (-)

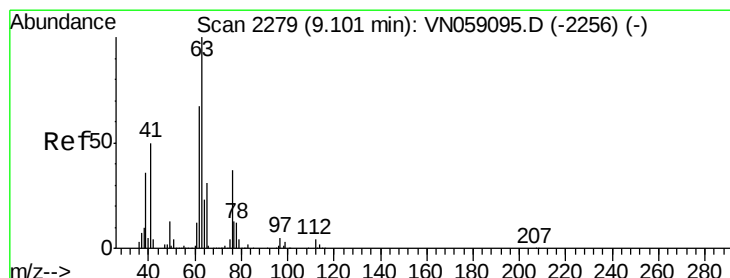
Ion 87.00 (86.70 to 87.70): VN059140.D (-1962) (-)

8.12

Time-->



Time-->



#45

1,2-Dichloropropane

Concen: 0.936 ug/l

RT: 9.12 min Scan# 2286

Delta R.T. 0.02 min

Lab File: VN059140.D

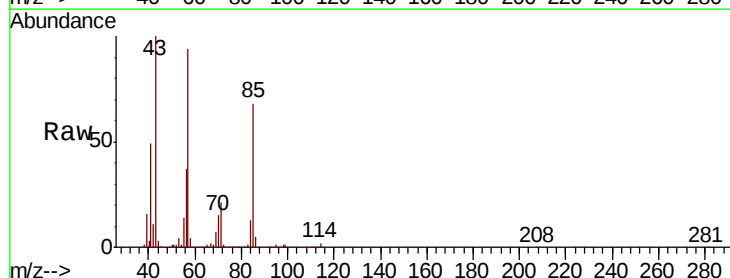
Acq: 8 Nov 2019 17:43

Tgt Ion: 63 Resp: 5272

Ion Ratio Lower Upper

63 100

65 207.1 24.6 37.0#

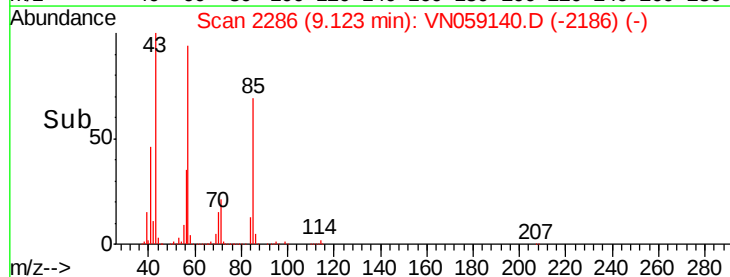


Abundance Ion 62.90 (62.60 to 63.60): VN059140.D (-2186) (-)

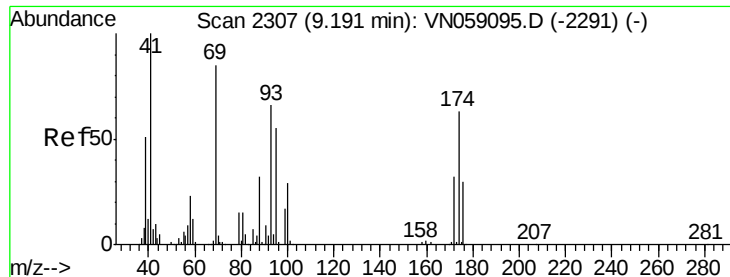
Ion 64.90 (64.60 to 65.60): VN059140.D (-2186) (-)

9.12

Time-->



Time-->



#46

Dibromomethane

Concen: 0.923 ug/l

RT: 9.14 min Scan# 2290

Delta R.T. -0.05 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

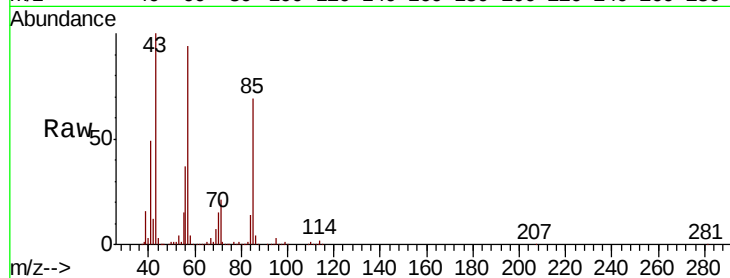
Tot Ion: 93 Resp: 3241

Ion Ratio Lower Upper

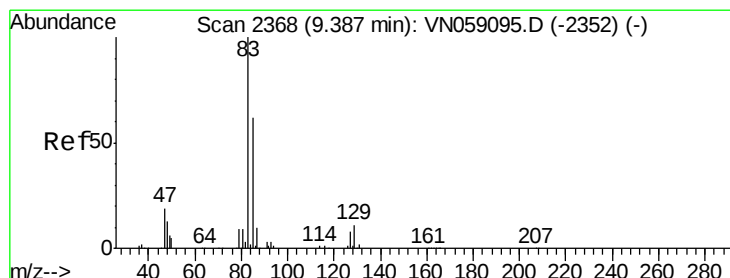
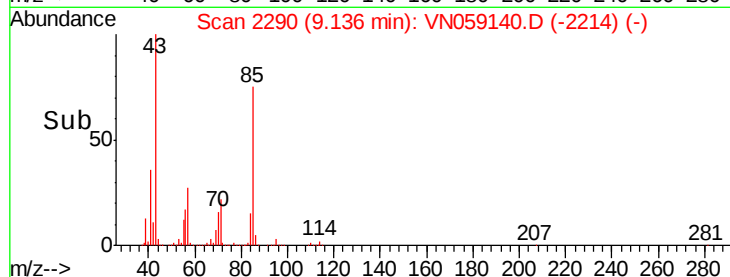
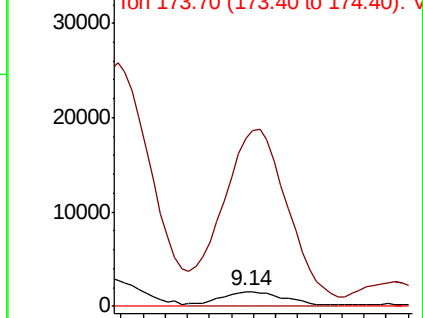
93 100

95 1166.3 66.6 100.0#

174 0.0 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: 26.504 ug/l

RT: 9.36 min Scan# 2359

Delta R.T. -0.03 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

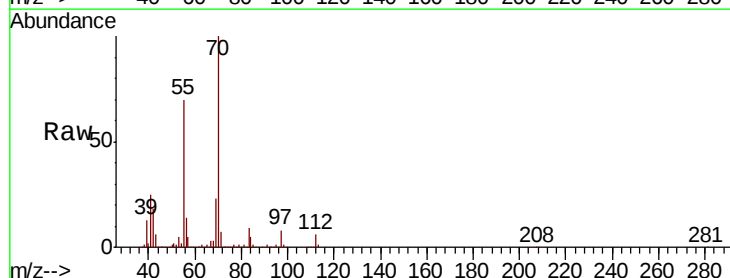
Tgt Ion: 83 Resp: 185805

Ion Ratio Lower Upper

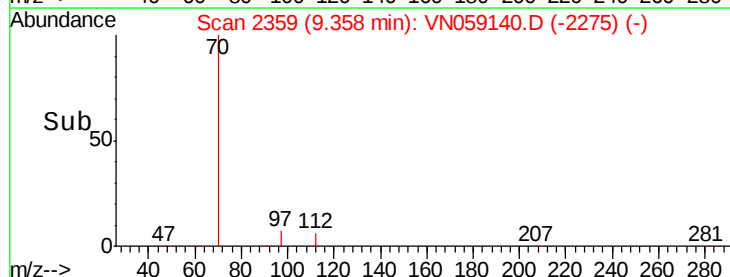
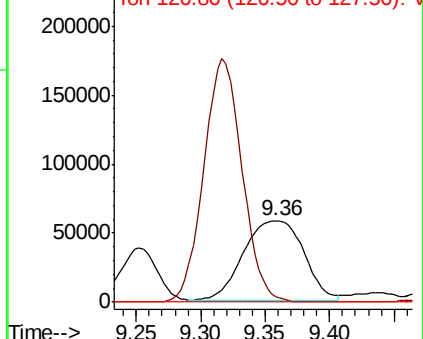
83 100

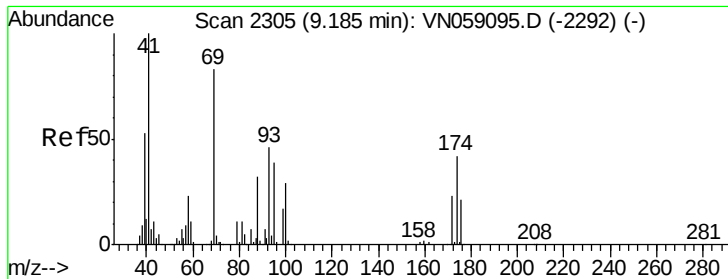
85 7.0 49.7 74.5#

127 0.0 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): V

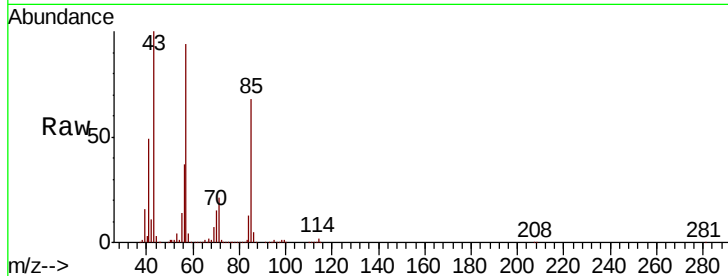




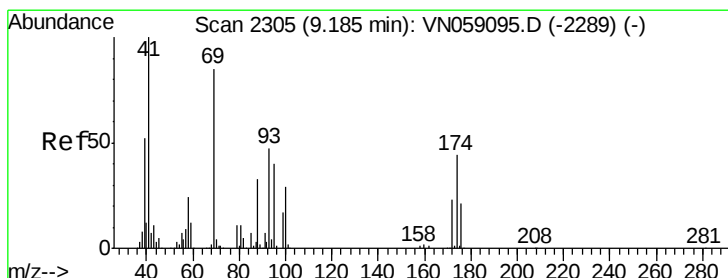
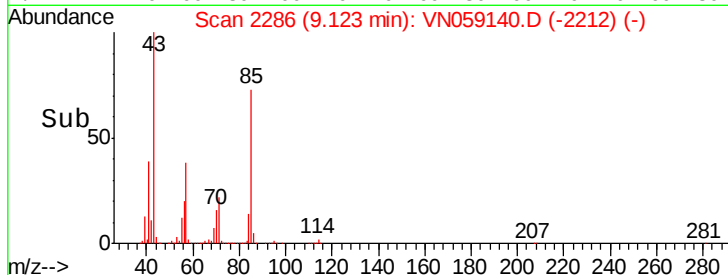
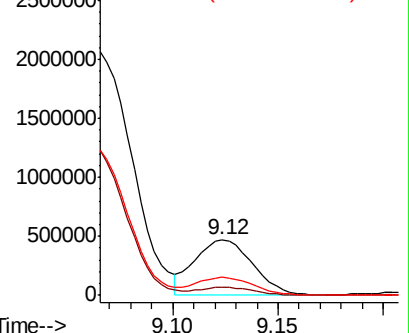
#48
Methvl methacrylate
Concen: 162.859 ug/l
RT: 9.12 min Scan# 2286
Delta R.T. -0.06 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

Tot Ion: 41 Resp: 889892
Ion Ratio Lower Upper
41 100
69 12.8 67.3 100.9#
39 31.5 43.3 64.9#

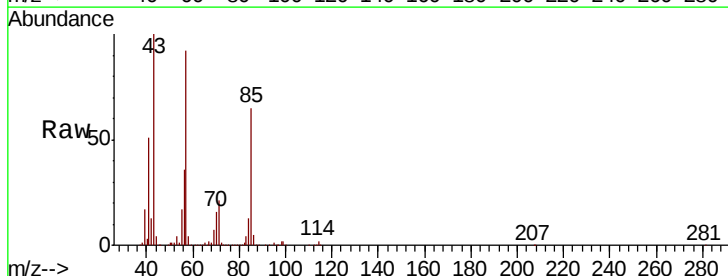


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

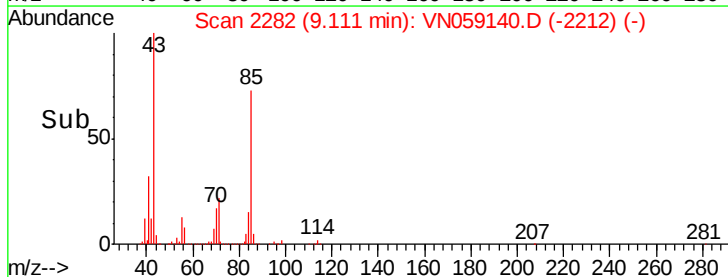
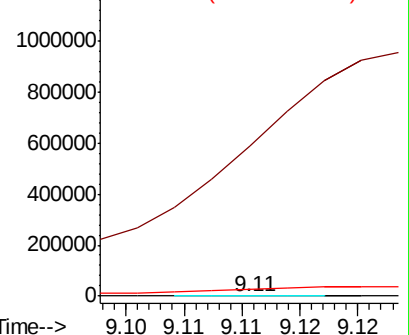


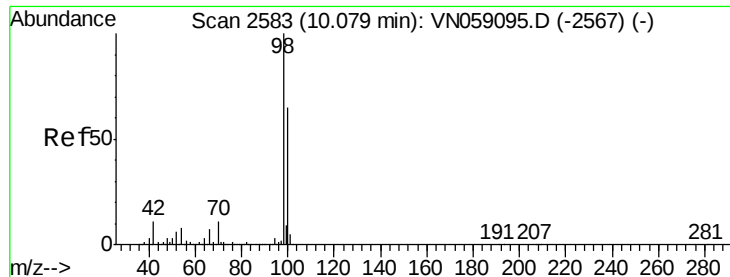
#49
1,4-Dioxane
Concen: 0.309 ug/l
RT: 9.11 min Scan# 2282
Delta R.T. -0.07 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 6144480.0 26.3 39.5#
58 249273.3 60.6 90.8#



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





#50

Toluene-d8

Concen: 102.303 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

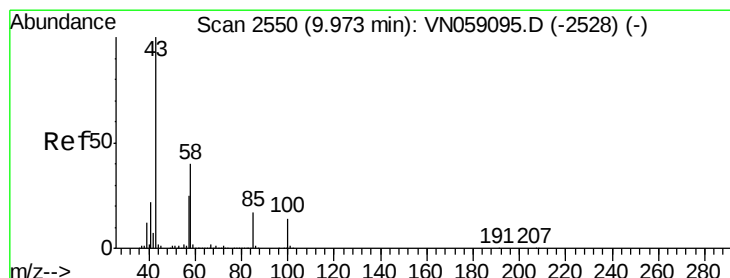
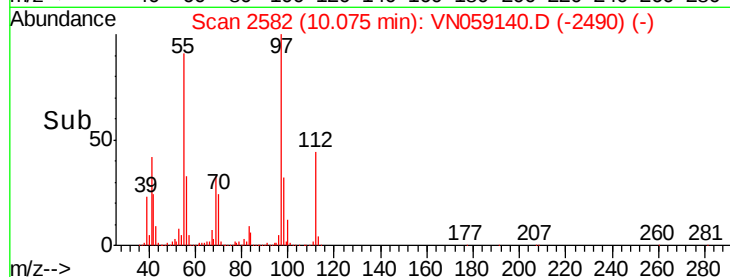
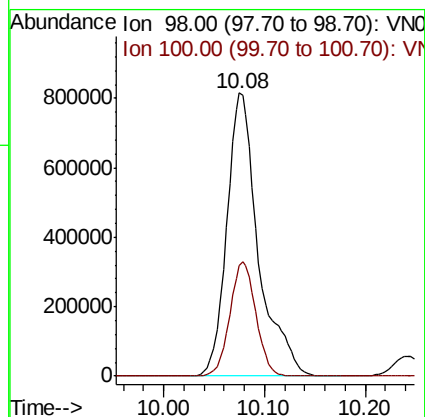
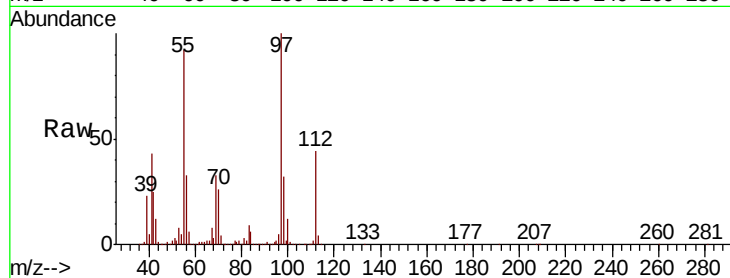
SB-22-(14-15)ME

Tot Ion: 98 Resp: 1773050

Ion Ratio Lower Upper

98 100

100 33.3 52.2 78.2#



#51

4-Methyl-2-Pentanone

Concen: 84.428 ug/l

RT: 10.07 min Scan# 2581

Delta R.T. 0.10 min

Lab File: VN059140.D

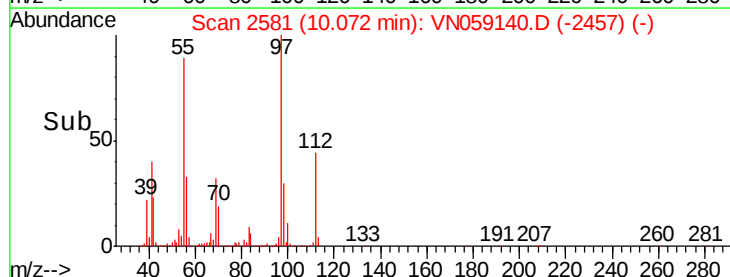
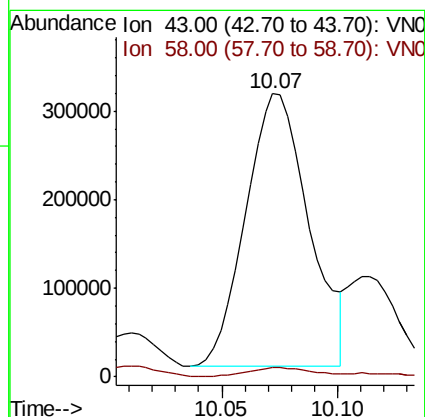
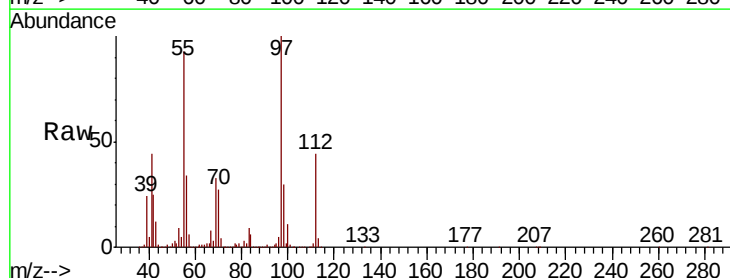
Acq: 8 Nov 2019 17:43

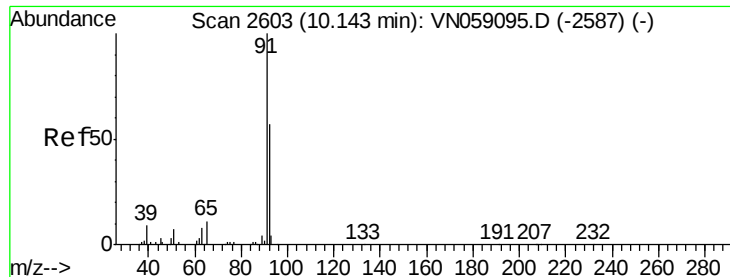
Tgt Ion: 43 Resp: 583582

Ion Ratio Lower Upper

43 100

58 3.0 31.5 47.3#





#52

Toluene

Concen: 1.963 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

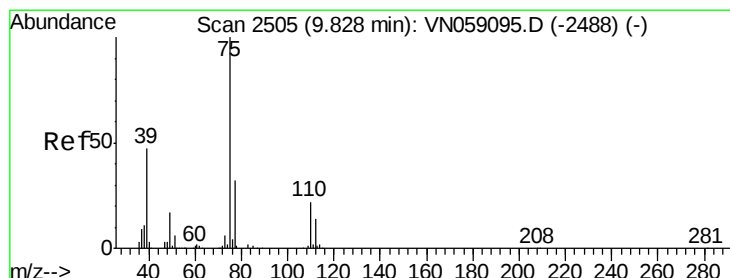
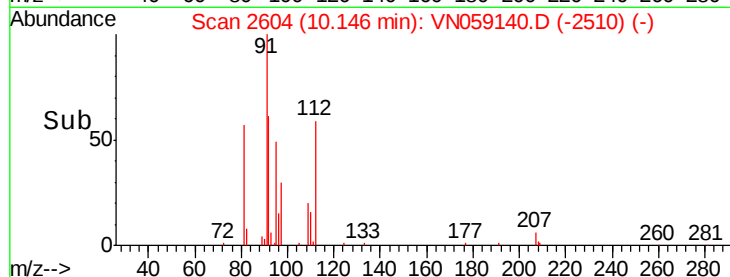
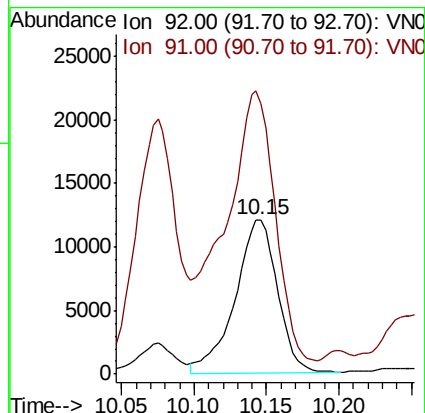
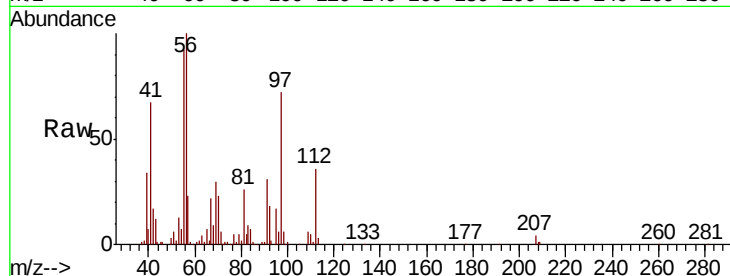
SB-22-(14-15)ME

Tot Ion: 92 Resp: 24400

Ion Ratio Lower Upper

92 100

91 197.3 139.5 209.3



#54

cis-1,3-Dichloropropene

Concen: 0.271 ug/l

RT: 9.85 min Scan# 2512

Delta R.T. 0.02 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

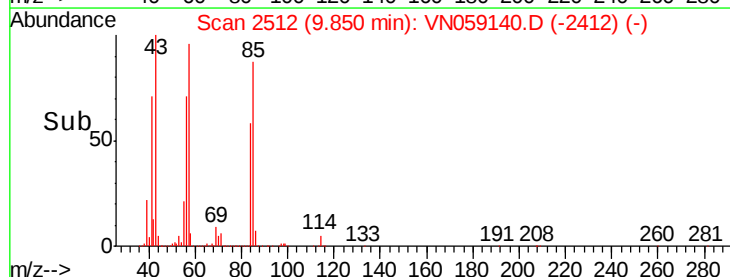
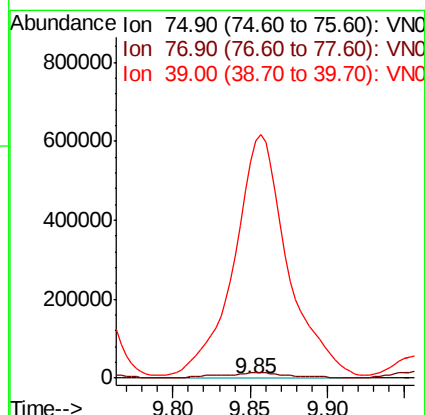
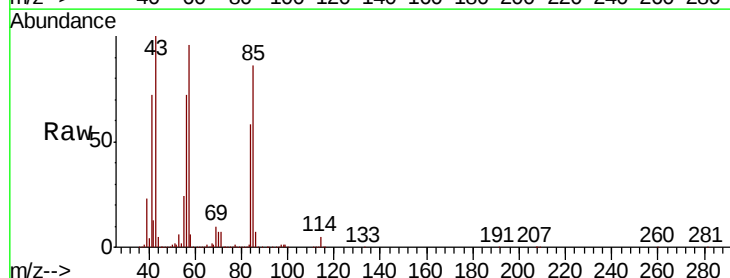
Tgt Ion: 75 Resp: 2360

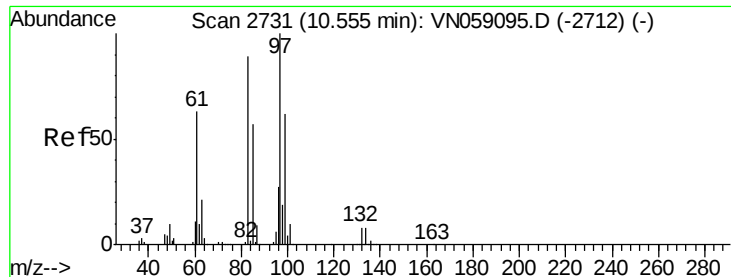
Ion Ratio Lower Upper

75 100

77 1185.4 25.5 38.3#

39 54440.5 37.3 55.9#



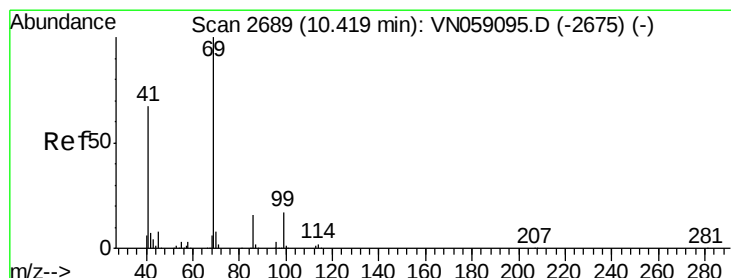
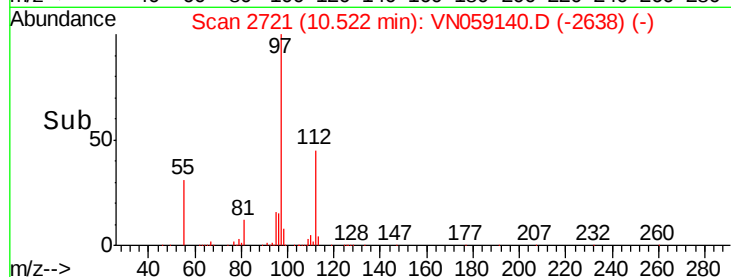
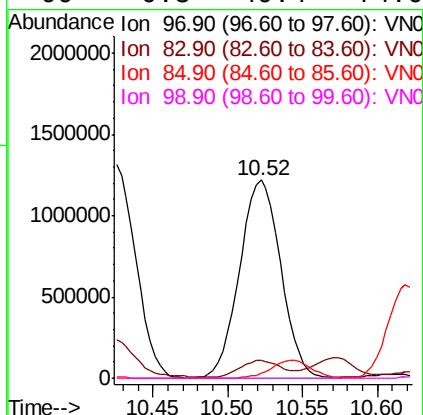
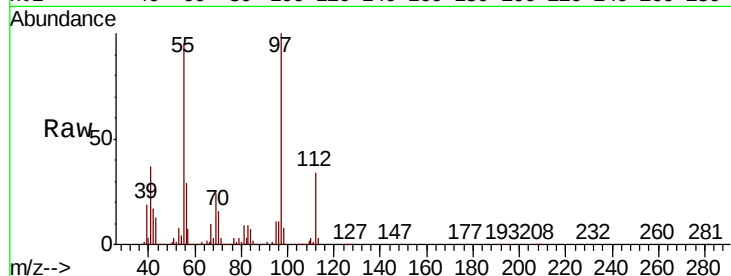


#55
 1,1,2-Trichloroethane
 Concen: 462.362 ug/l
 RT: 10.52 min Scan# 2721
 Delta R.T. -0.03 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)ME

Tot Ion: 97 Resp: 2326305

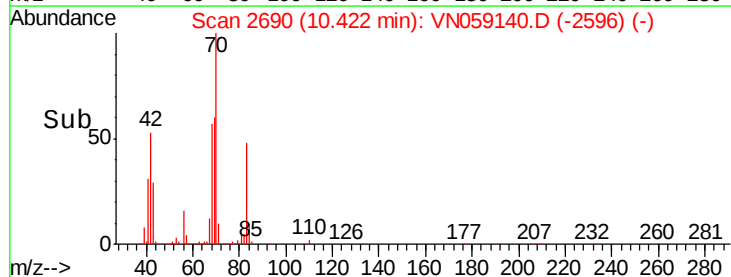
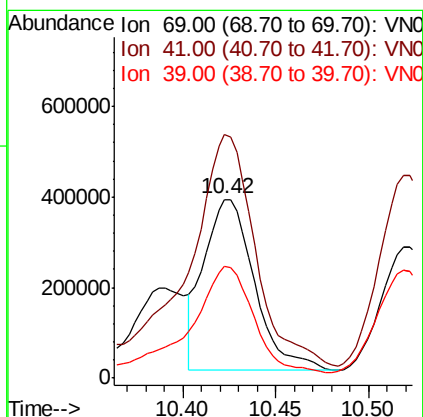
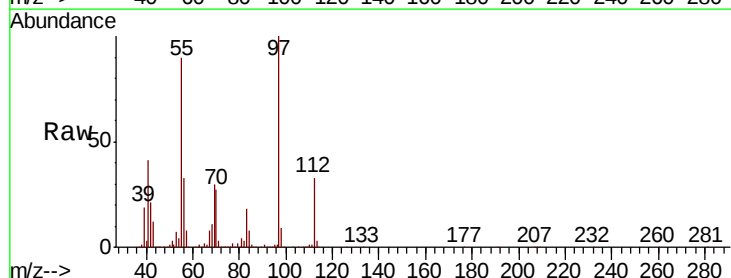
Ion	Ratio	Lower	Upper
97	100		
83	8.2	71.0	106.4#
85	2.2	45.8	68.8#
99	0.3	49.4	74.0#

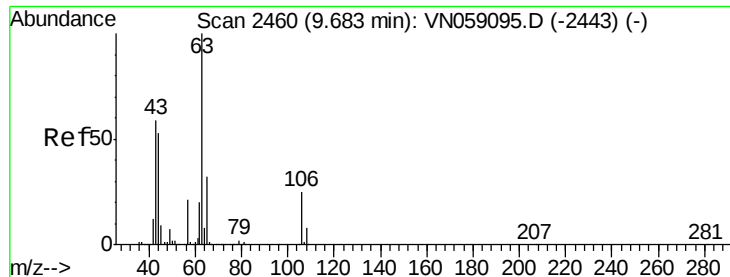


#56
 Ethyl methacrylate
 Concen: 84.033 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion: 69 Resp: 716295

Ion	Ratio	Lower	Upper
69	100		
41	174.4	53.6	80.4#
39	75.9	26.2	39.4#

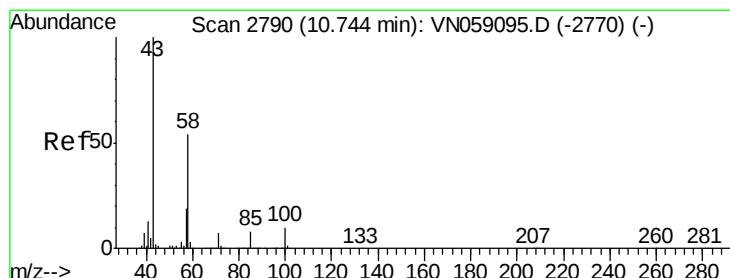
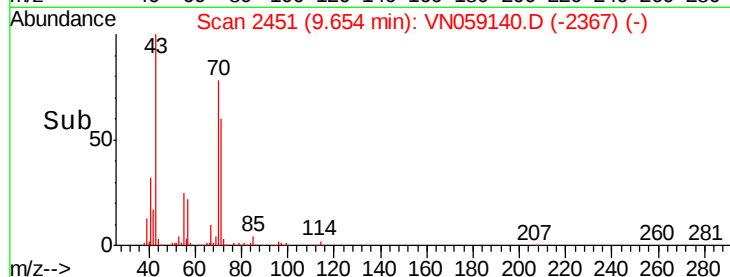
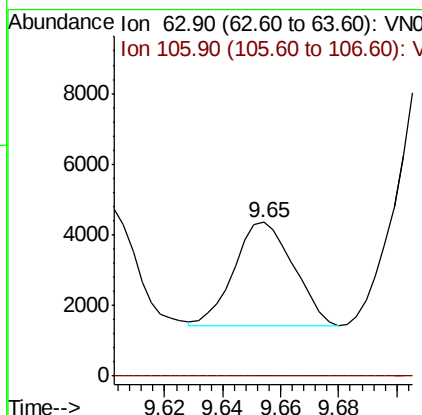
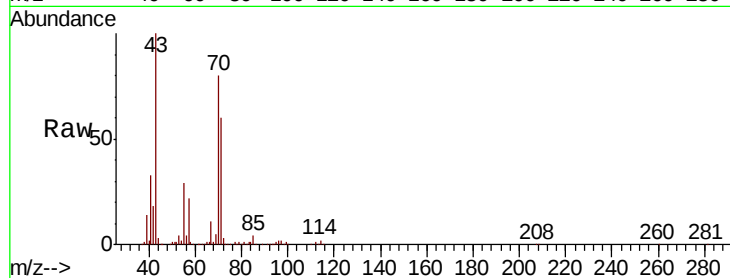




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.484 ug/l
 RT: 9.65 min Scan# 2451
 Delta R.T. -0.03 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

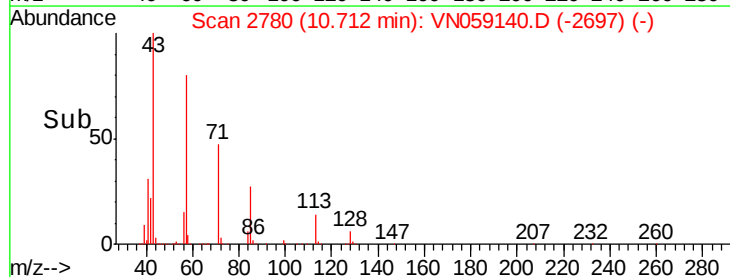
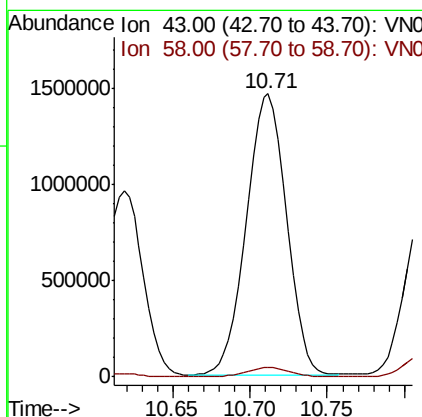
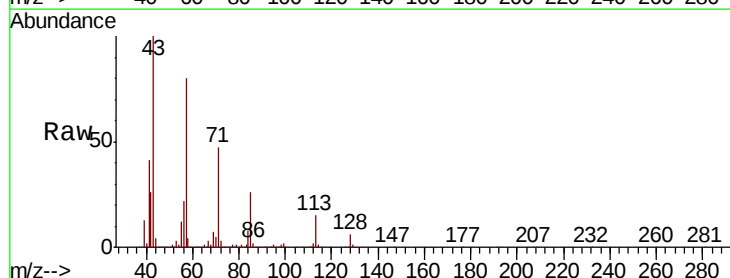
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)ME

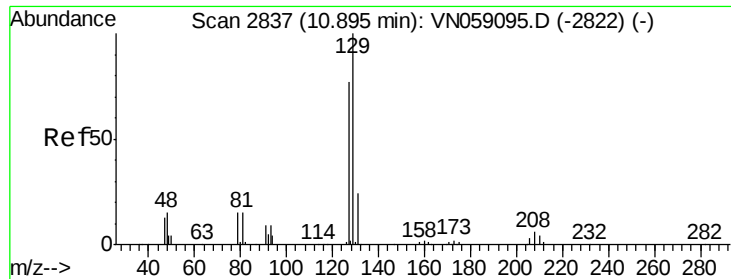
Tot Ion: 63 Resp: 4155
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.2 30.2#



#59
 2-Hexanone
 Concen: 498.701 ug/l
 RT: 10.71 min Scan# 2780
 Delta R.T. -0.03 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion: 43 Resp: 2645803
 Ion Ratio Lower Upper
 43 100
 58 3.5 27.3 81.8#





#60

Dibromochloromethane

Concen: 1.696 ug/l

RT: 10.81 min Scan# 2811

Delta R.T. -0.08 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

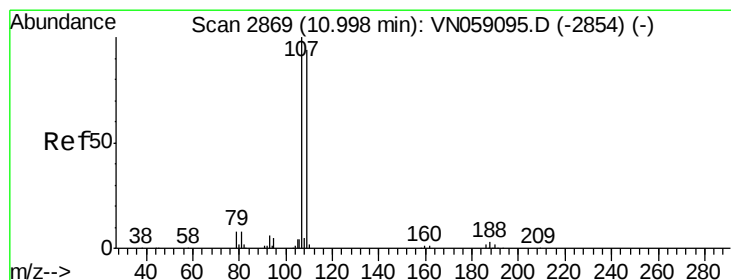
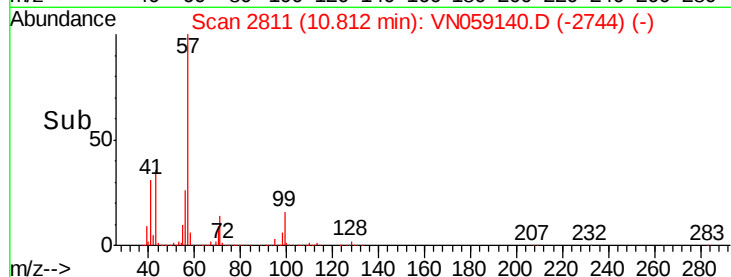
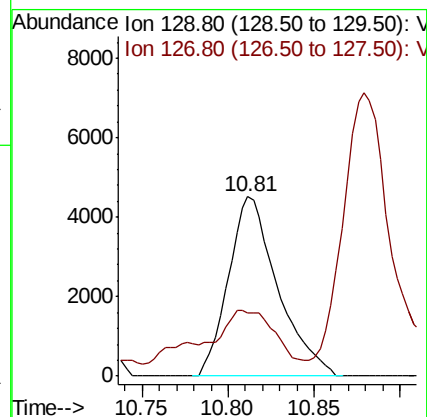
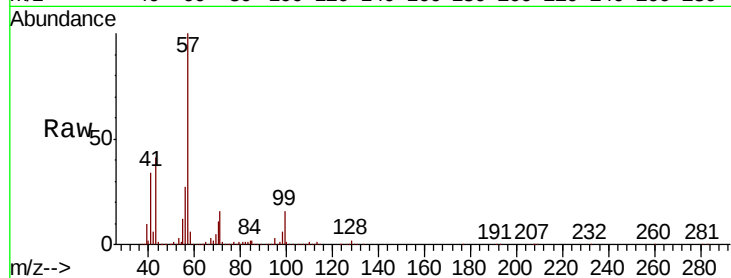
SB-22-(14-15)ME

Tot Ion:129 Resp: 9022

Ion Ratio Lower Upper

129 100

127 25.7 38.6 115.8#



#61

1,2-Dibromoethane

Concen: 0.385 ug/l

RT: 10.97 min Scan# 2860

Delta R.T. -0.03 min

Lab File: VN059140.D

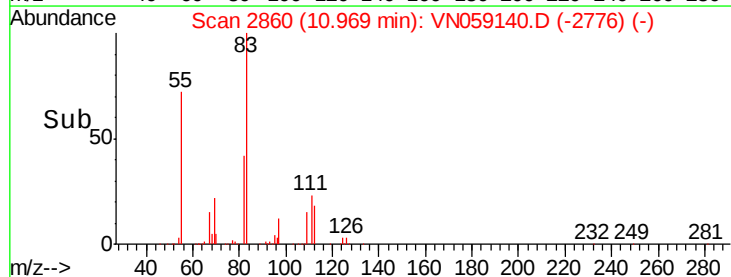
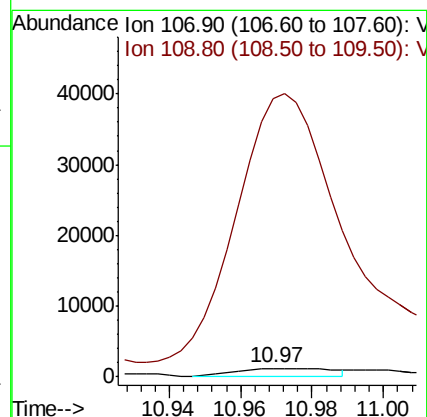
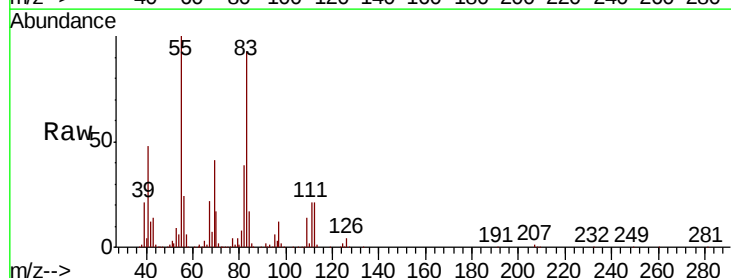
Acq: 8 Nov 2019 17:43

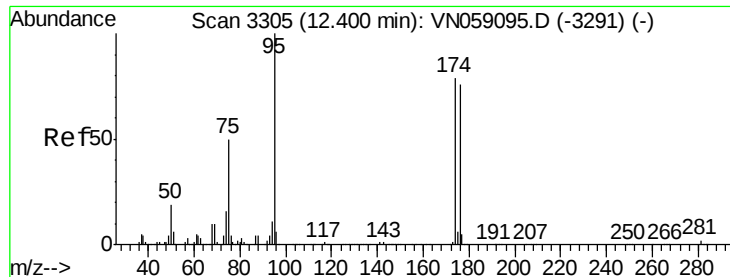
Tgt Ion:107 Resp: 1962

Ion Ratio Lower Upper

107 100

109 4271.1 75.5 113.3#

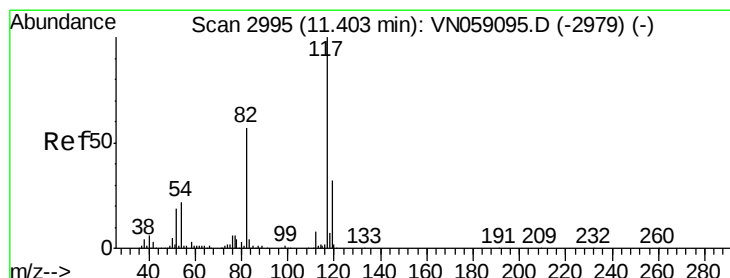
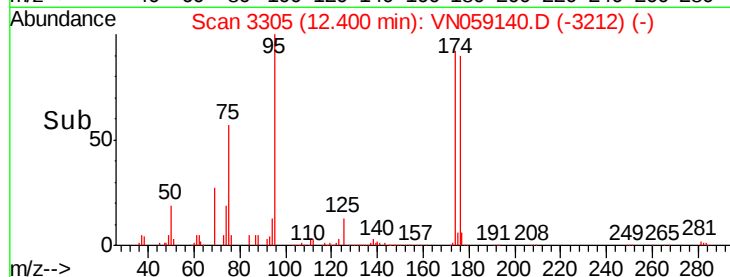
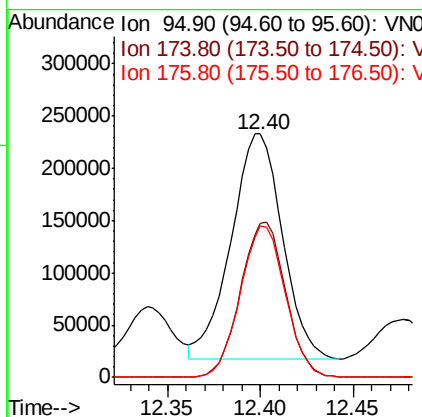
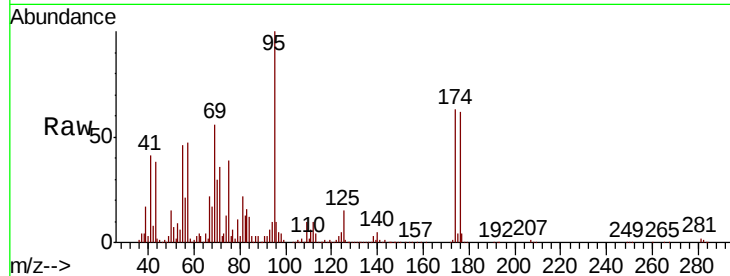




#62
4-Bromofluorobenzene
Concen: 66.097 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

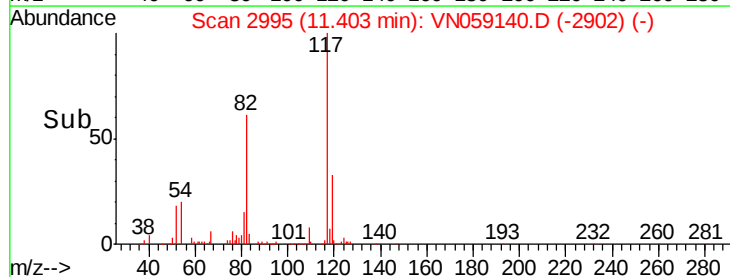
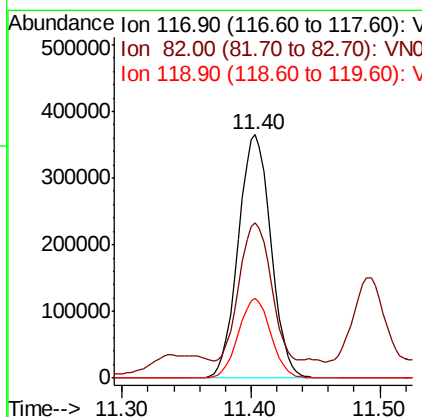
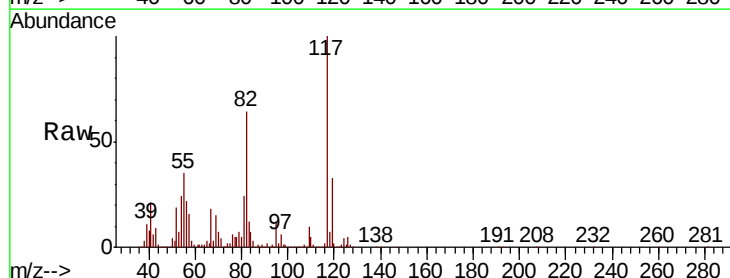
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

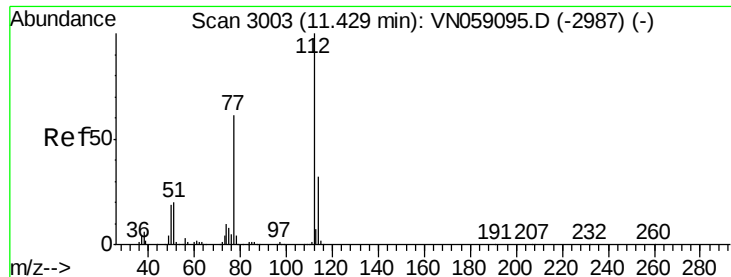
Tot Ion: 95 Resp: 413043
Ion Ratio Lower Upper
95 100
174 60.7 0.0 158.2
176 59.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion: 117 Resp: 644522
Ion Ratio Lower Upper
117 100
82 54.6 45.8 68.8
119 32.6 25.8 38.6





#65

Chlorobenzene

Concen: 2.504 ug/l

RT: 11.54 min Scan# 3037

Delta R.T. 0.11 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

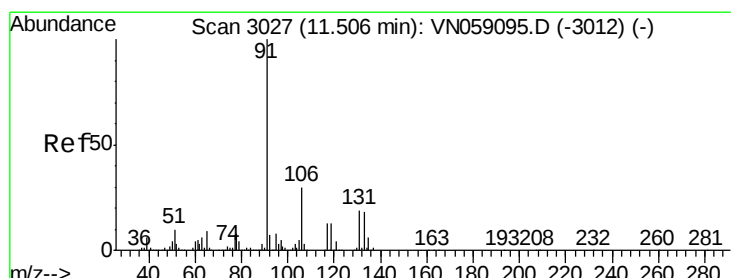
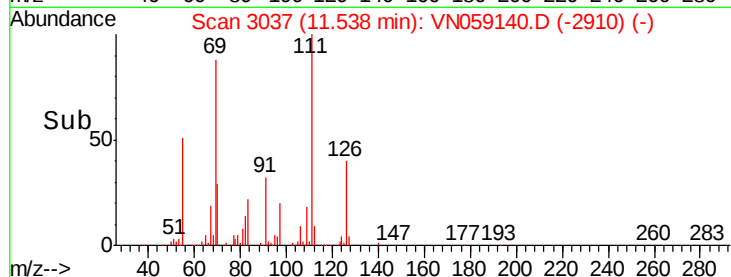
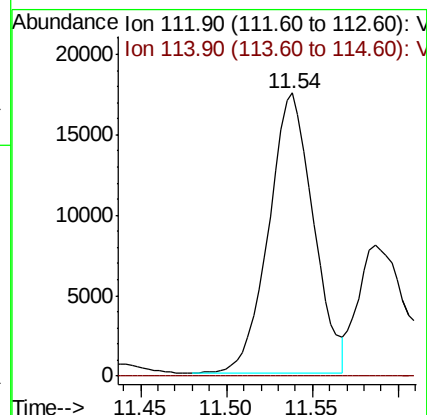
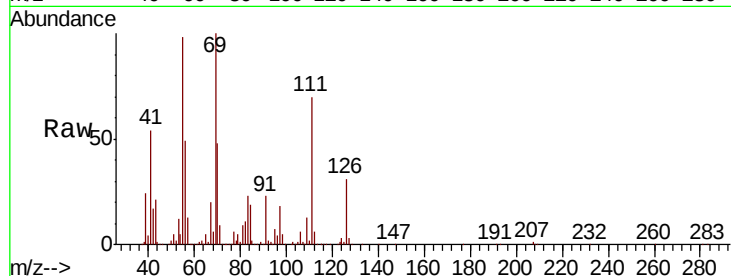
SB-22-(14-15)ME

Tot Ion:112 Resp: 31458

Ion Ratio Lower Upper

112 100

114 0.0 25.2 37.8#



#67

Ethyl Benzene

Concen: 192.891 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059140.D

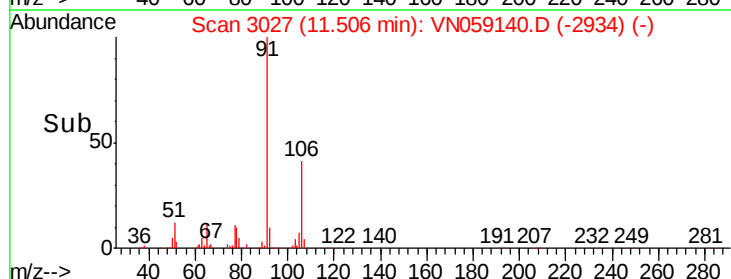
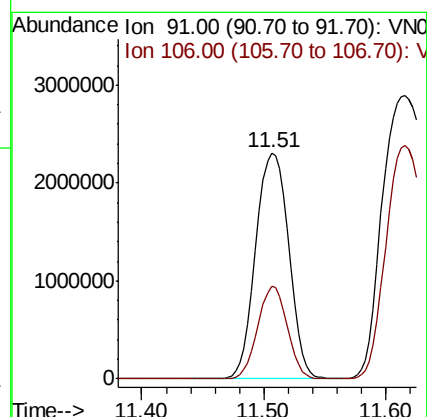
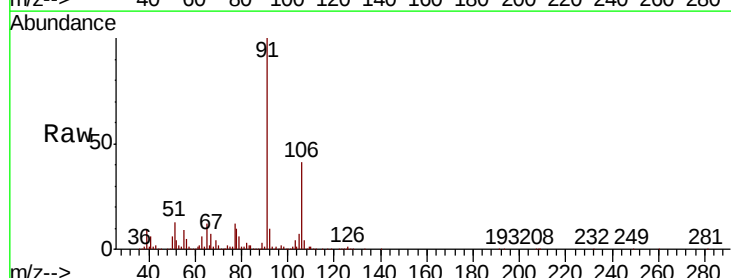
Acq: 8 Nov 2019 17:43

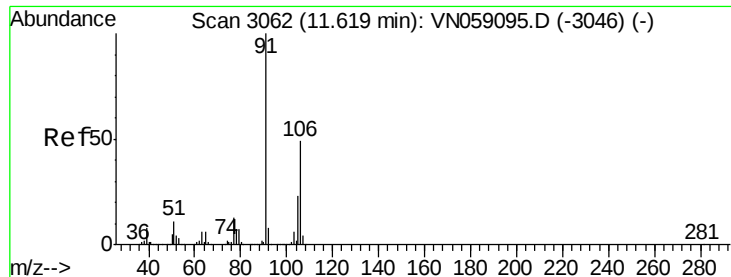
Tgt Ion: 91 Resp: 4299880

Ion Ratio Lower Upper

91 100

106 41.2 24.1 36.1#





#68

m/p-Xylenes

Concen: 623.641 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

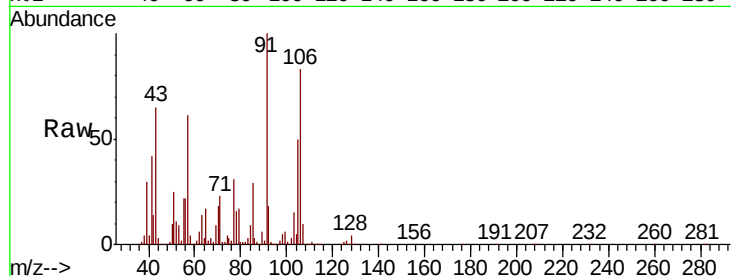
SB-22-(14-15)ME

Tot Ion:106 Resp: 5207562

Ion Ratio Lower Upper

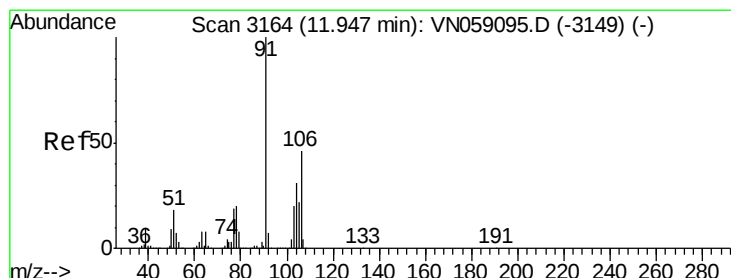
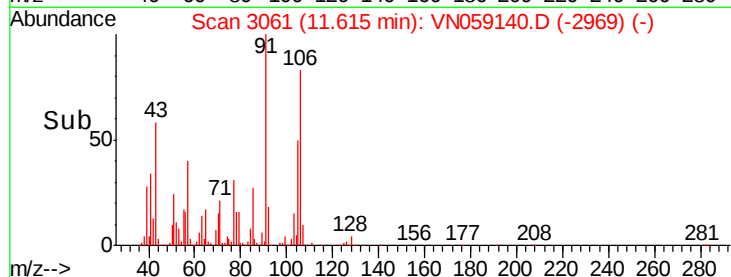
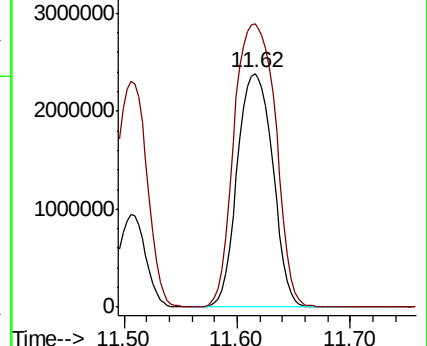
106 100

91 141.2 164.7 247.1#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 19.358 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN059140.D

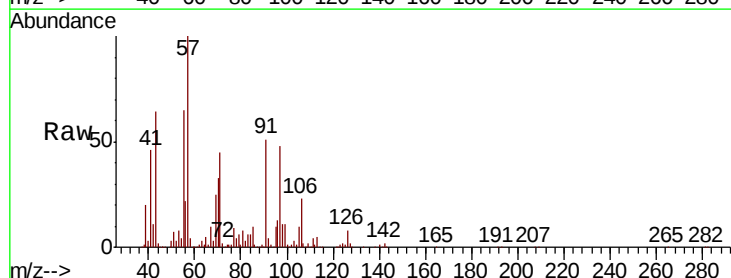
Acq: 8 Nov 2019 17:43

Tgt Ion:106 Resp: 156216

Ion Ratio Lower Upper

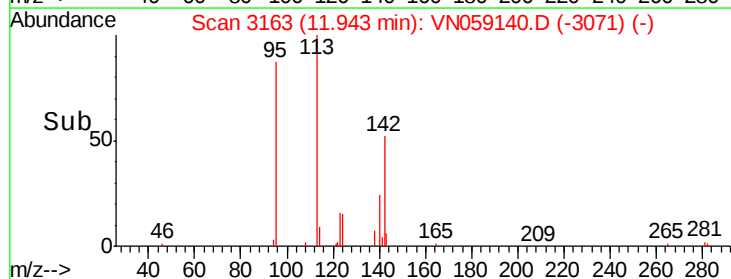
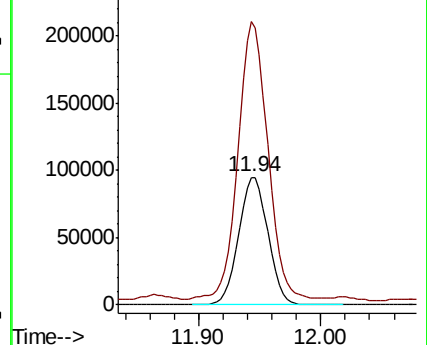
106 100

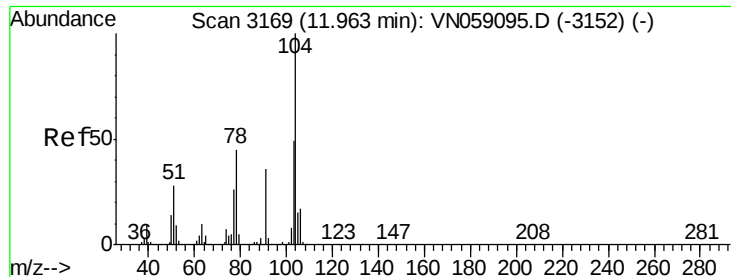
91 221.9 110.1 330.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

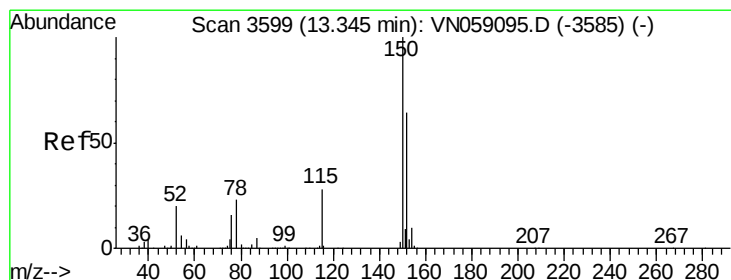
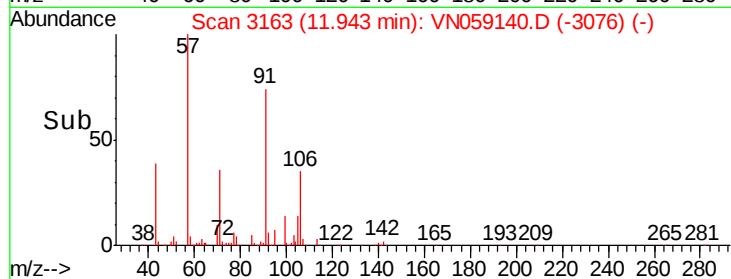
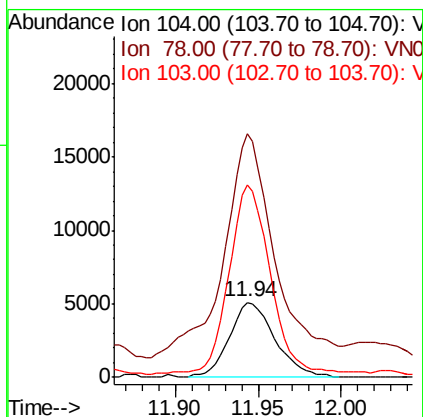
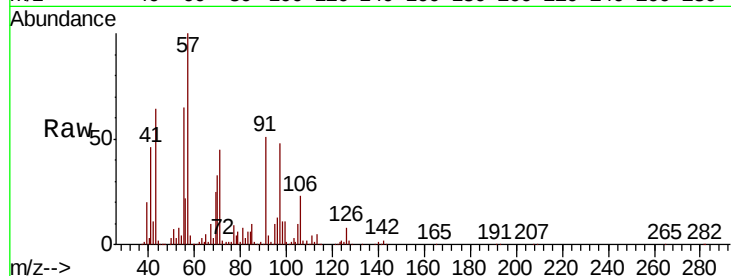




#70
Stvrene
Concen: 0.767 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.02 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

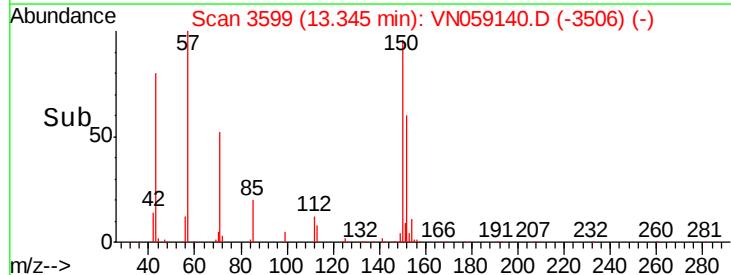
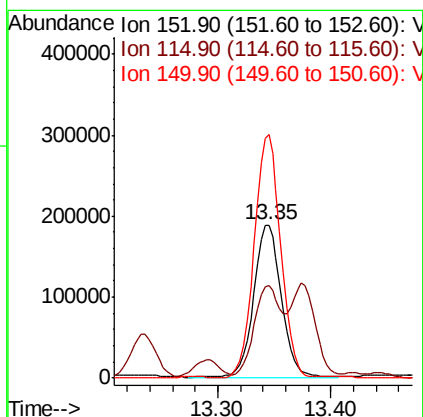
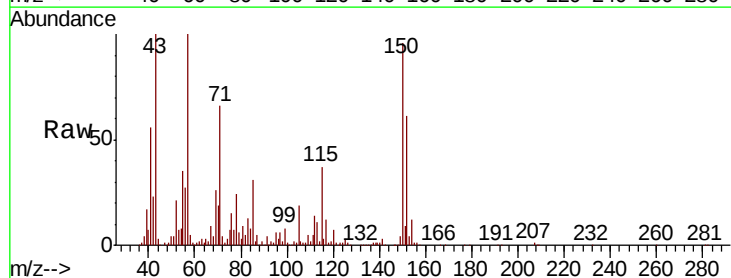
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

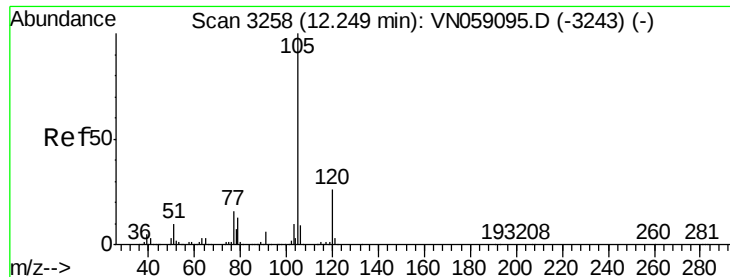
Tot Ion:104 Resp: 9734
Ion Ratio Lower Upper
104 100
78 333.8 41.2 61.8#
103 230.1 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion:152 Resp: 317305
Ion Ratio Lower Upper
152 100
115 54.7 29.4 88.2
150 153.2 0.0 345.8





#73

Isopropylbenzene

Concen: 34.836 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

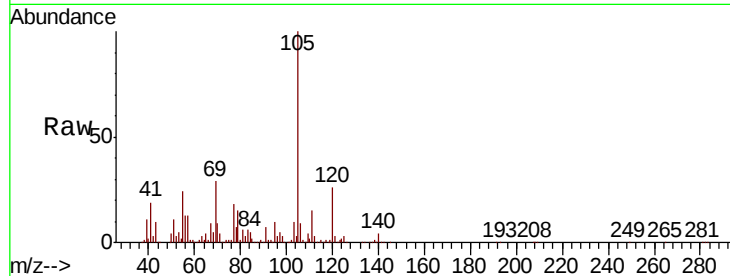
SB-22-(14-15)ME

Tot Ion:105 Resp: 804043

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

500000

400000

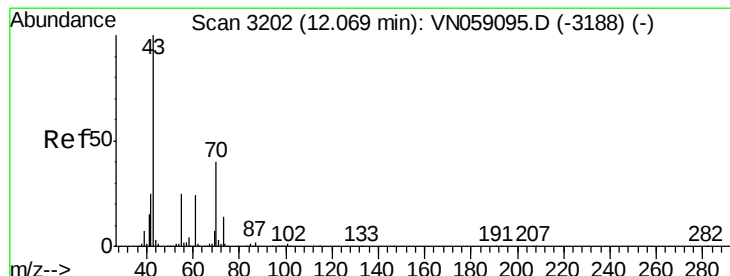
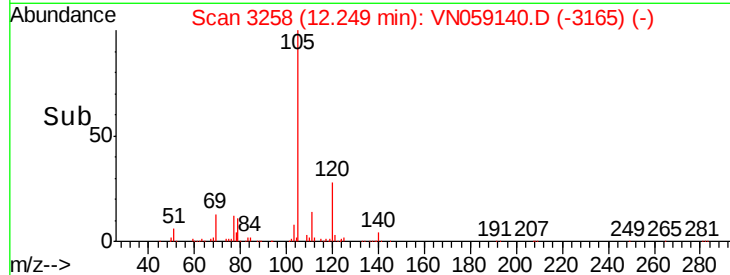
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 83.636 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Tgt Ion: 43 Resp: 817979

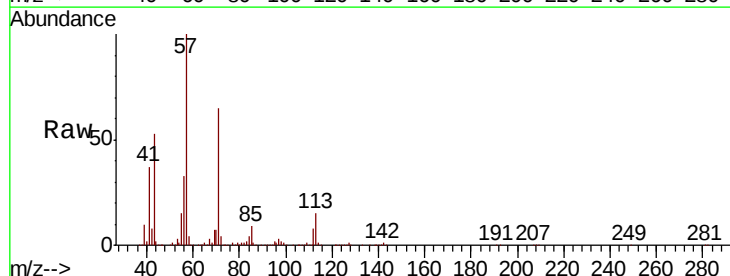
Ion Ratio Lower Upper

43 100

70 9.1 32.2 48.4#

55 0.0 20.4 30.6#

61 0.0 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

800000

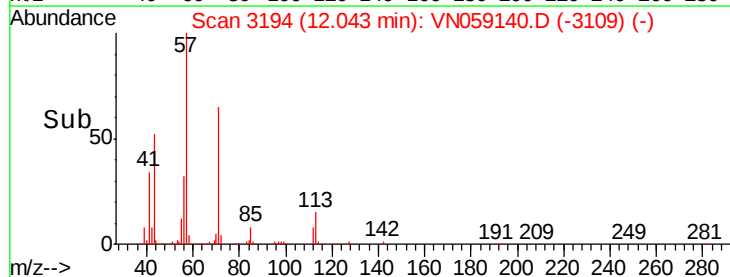
600000

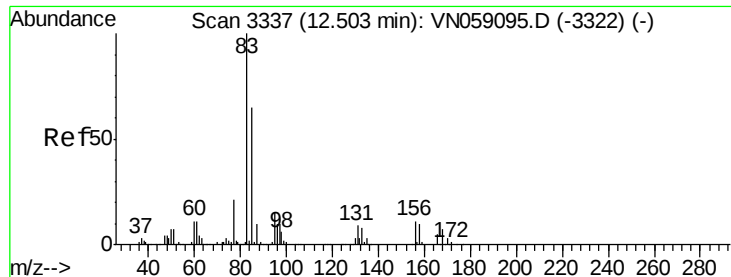
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 8.472 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.05 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

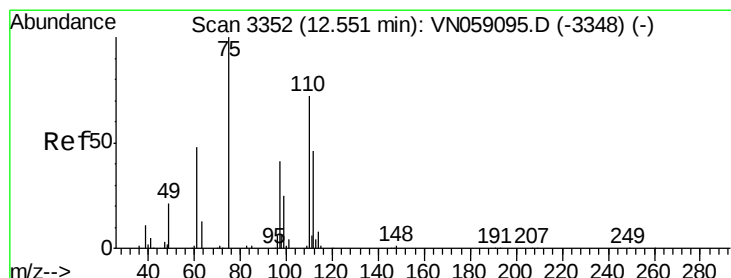
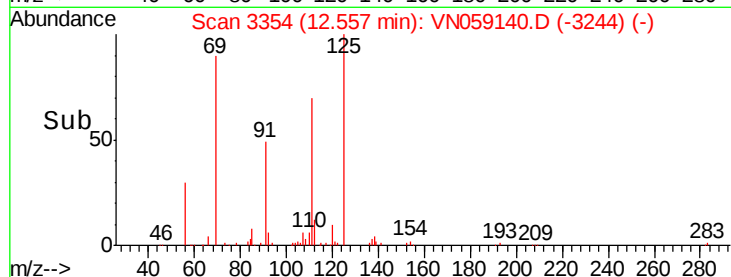
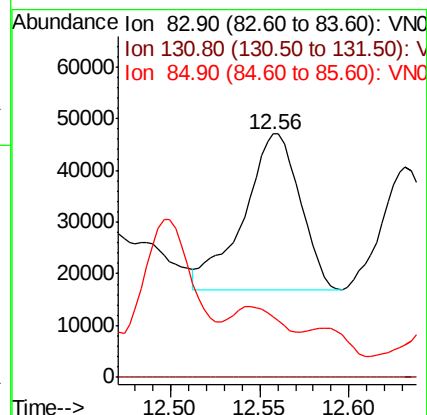
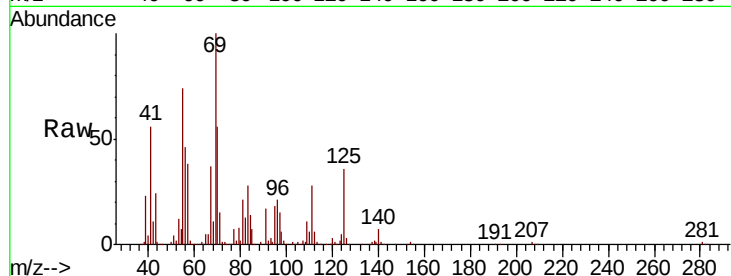
Tot Ion: 83 Resp: 66591

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 0.0 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 3.569 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN059140.D

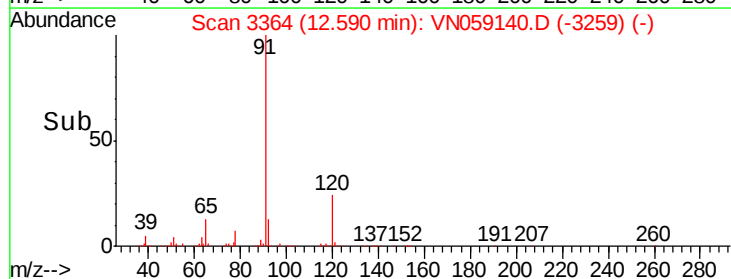
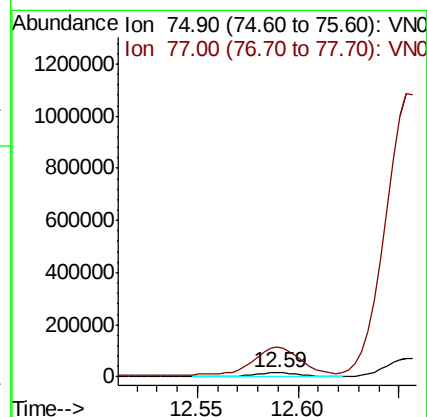
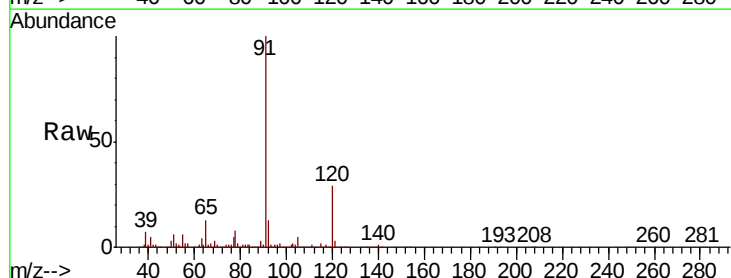
Acq: 8 Nov 2019 17:43

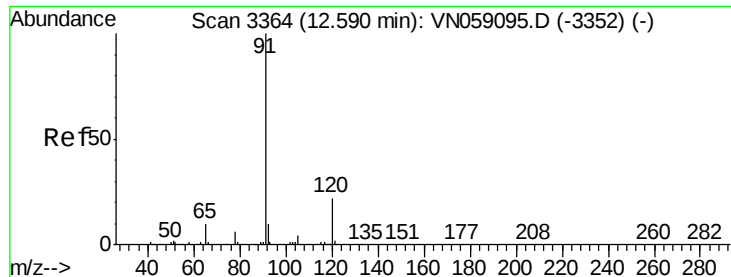
Tgt Ion: 75 Resp: 25782

Ion Ratio Lower Upper

75 100

77 672.2 0.0 0.0#





#78

n-propylbenzene

Concen: 146.635 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

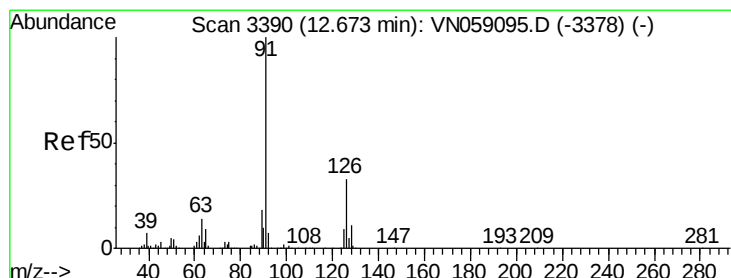
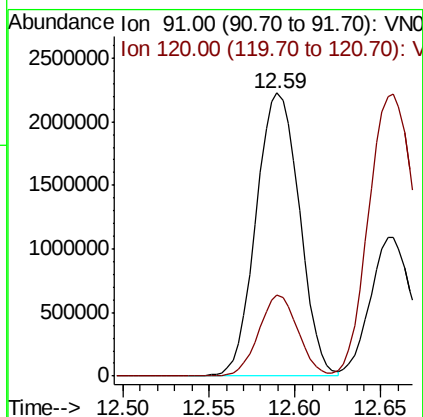
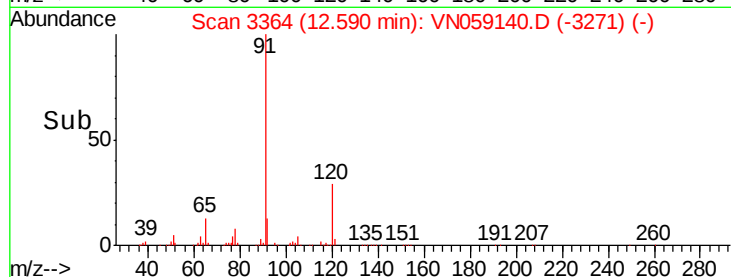
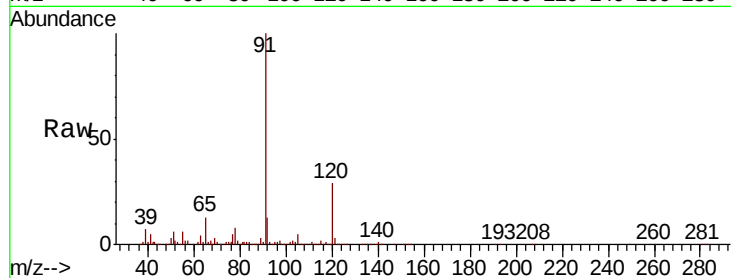
SB-22-(14-15)ME

Tot Ion: 91 Resp: 3875203

Ion Ratio Lower Upper

91 100

120 26.1 11.2 33.5



#79

2-Chlorotoluene

Concen: 105.195 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN059140.D

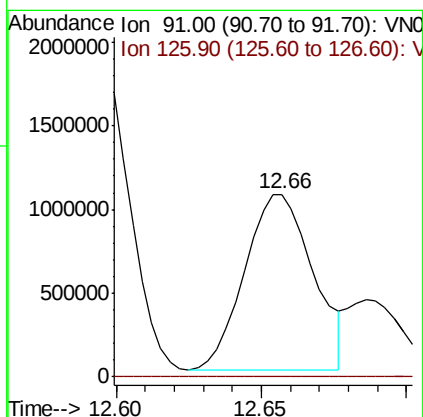
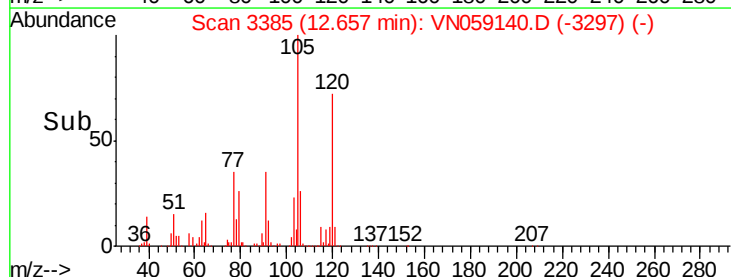
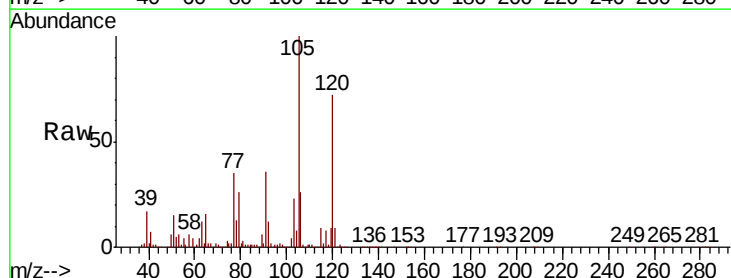
Acq: 8 Nov 2019 17:43

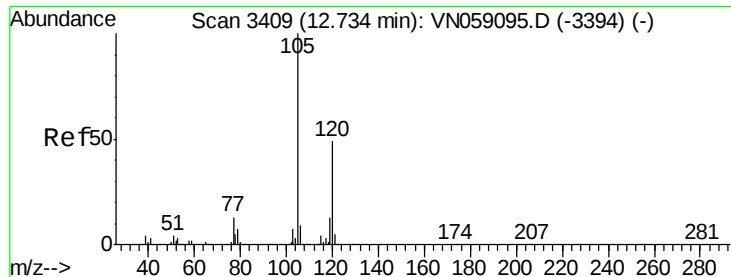
Tgt Ion: 91 Resp: 1724616

Ion Ratio Lower Upper

91 100

126 0.1 16.7 50.1#





#80

1,3,5-Trimethylbenzene

Concen: 282.481 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

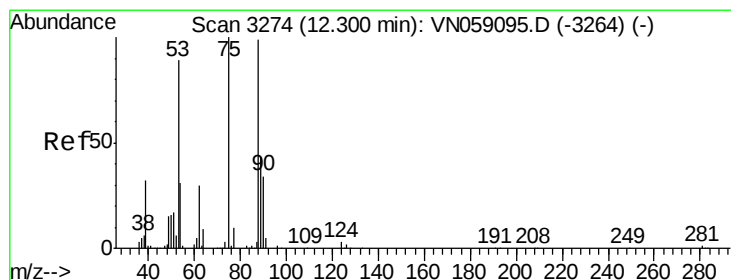
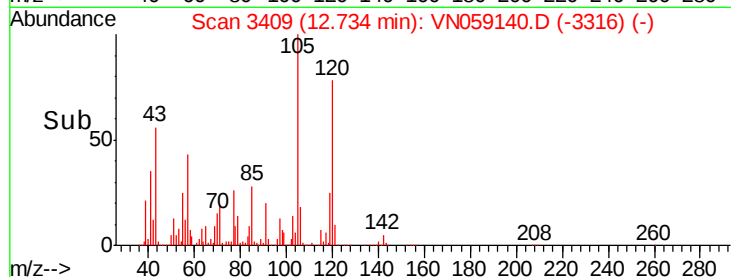
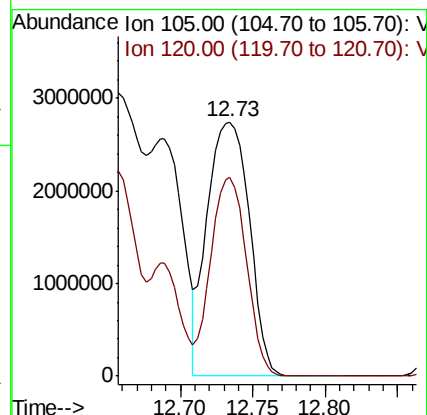
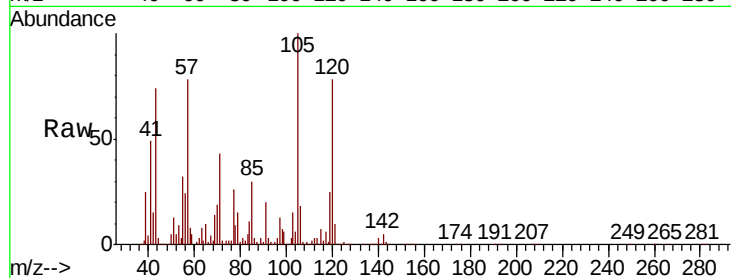
SB-22-(14-15)ME

Tot Ion:105 Resp: 5524669

Ion Ratio Lower Upper

105 100

120 66.8 24.0 72.0



#81

trans-1,4-Dichloro-2-butene

Concen: 3.095 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.05 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

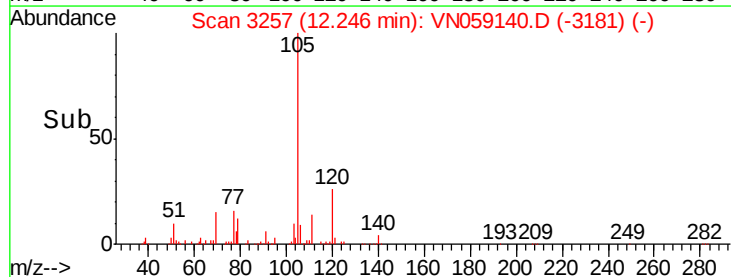
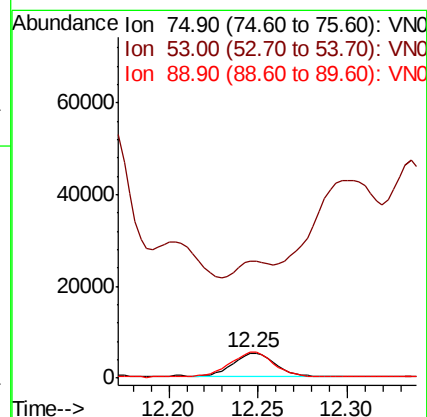
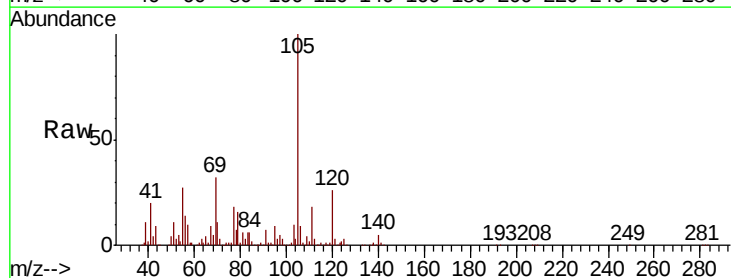
Tgt Ion: 75 Resp: 8465

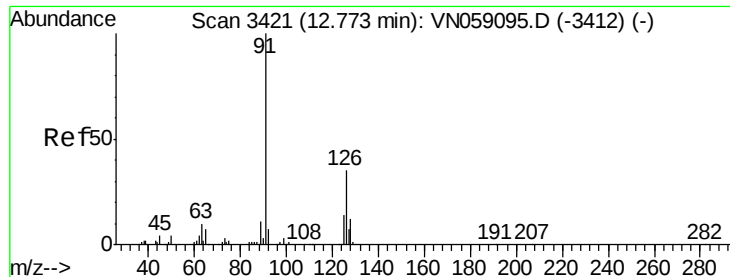
Ion Ratio Lower Upper

75 100

53 49.3 72.2 108.2#

89 114.5 35.8 53.8#

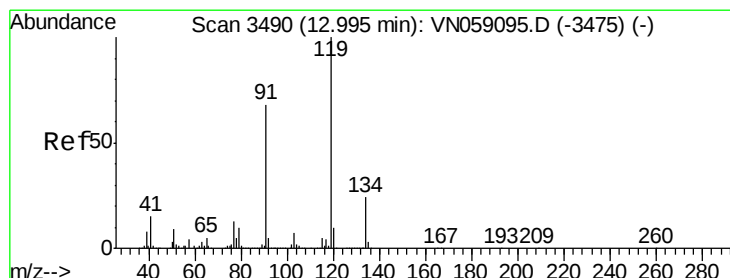
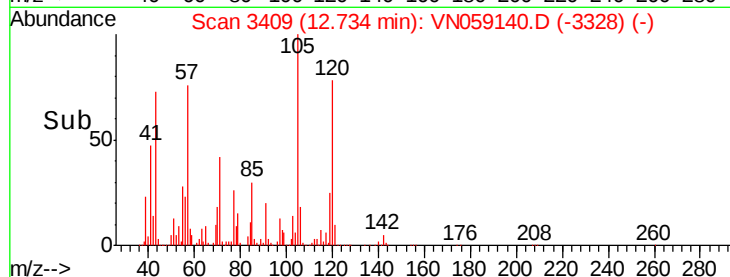
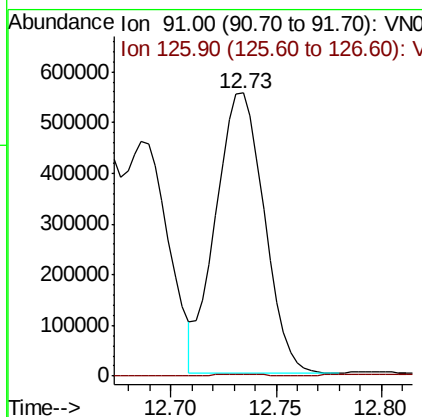
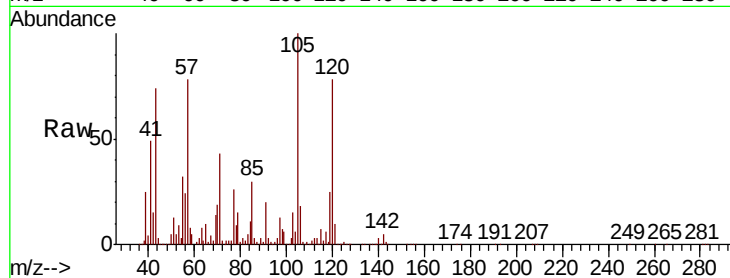




#82
4-Chlorotoluene
Concen: 53.327 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

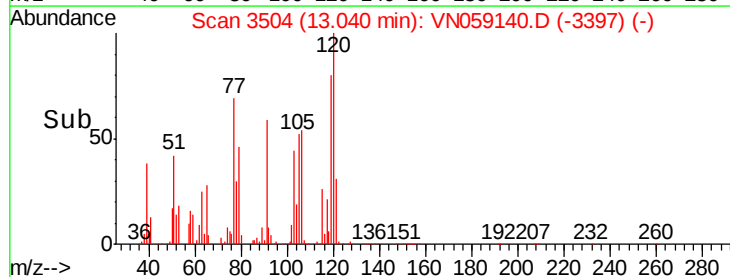
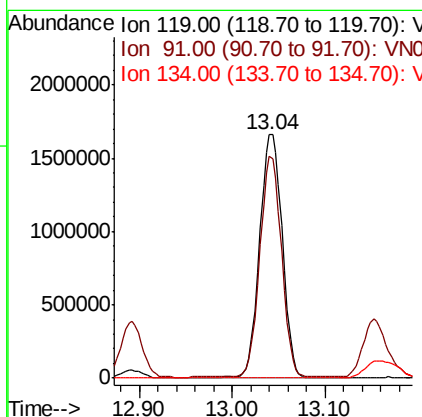
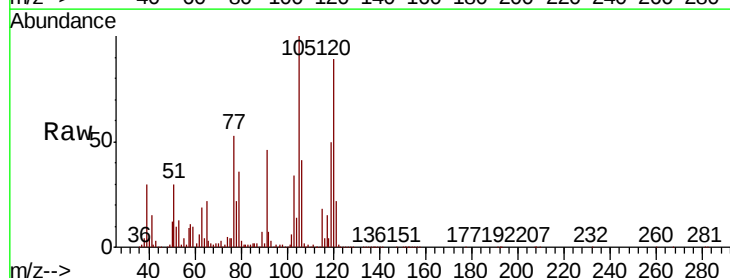
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

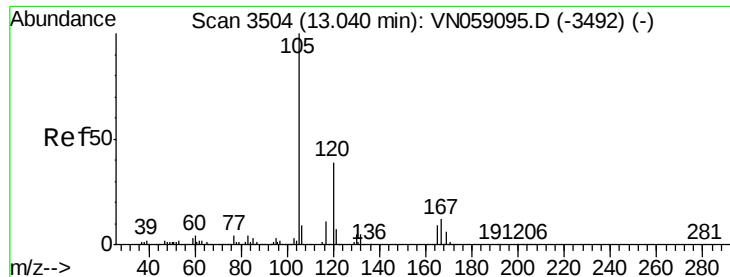
Tot Ion: 91 Resp: 876874
Ion Ratio Lower Upper
91 100
126 0.7 16.1 48.2#



#83
tert-Butylbenzene
Concen: 166.302 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.04 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion: 119 Resp: 2808768
Ion Ratio Lower Upper
119 100
91 87.2 33.2 99.6
134 0.0 12.7 38.1#

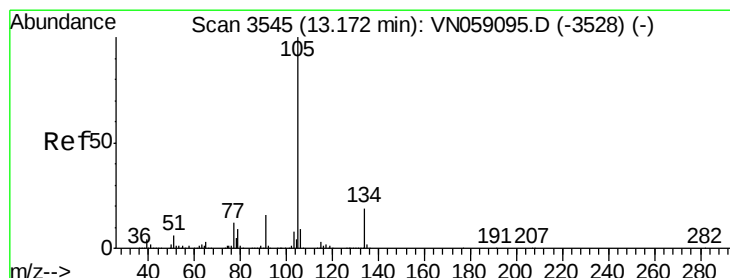
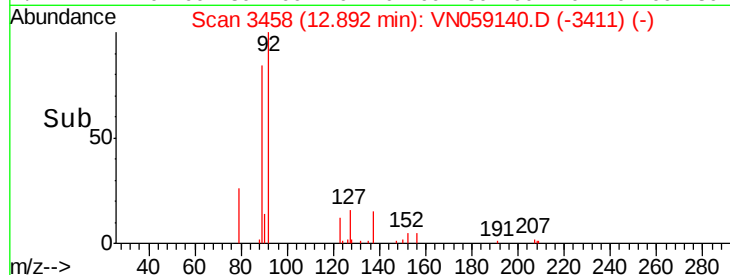
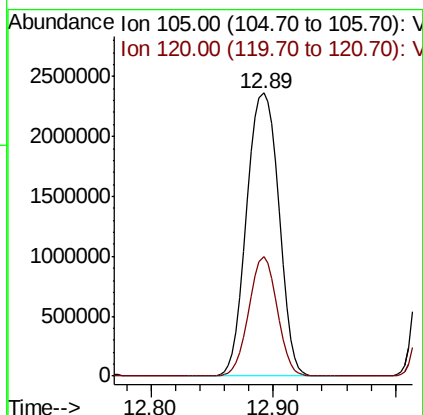
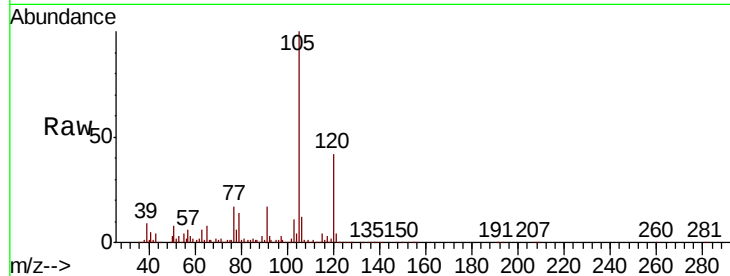




#84
 1,2,4-Trimethylbenzene
 Concen: 226.615 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. -0.15 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

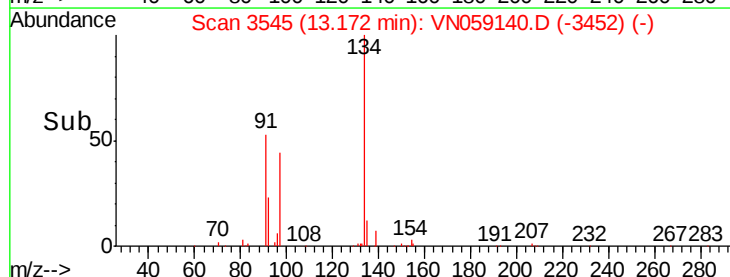
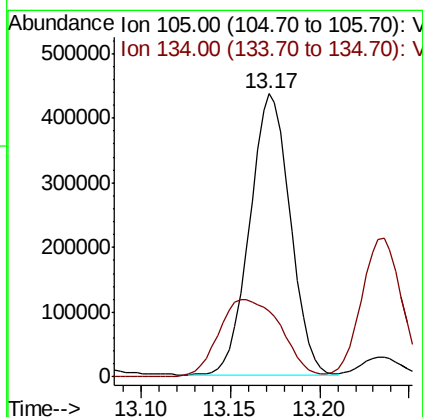
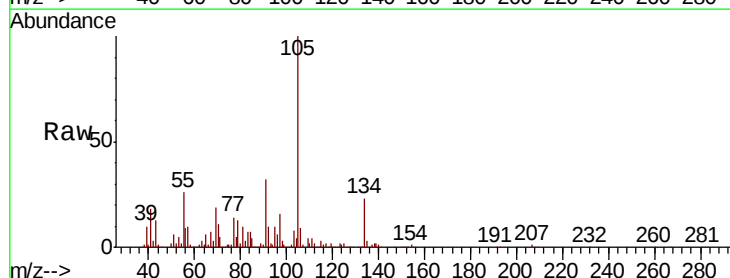
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)ME

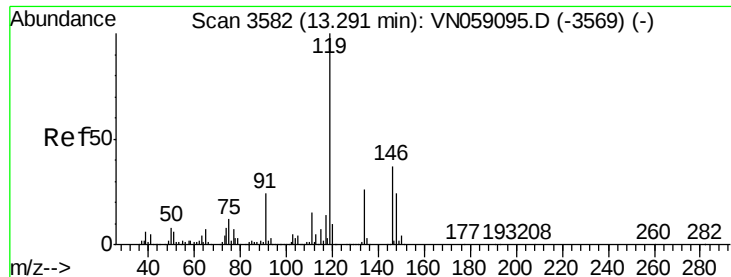
Tot Ion:105 Resp: 4287994
 Ion Ratio Lower Upper
 105 100
 120 36.8 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 31.304 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion:105 Resp: 687621
 Ion Ratio Lower Upper
 105 100
 134 42.2 9.7 29.1#

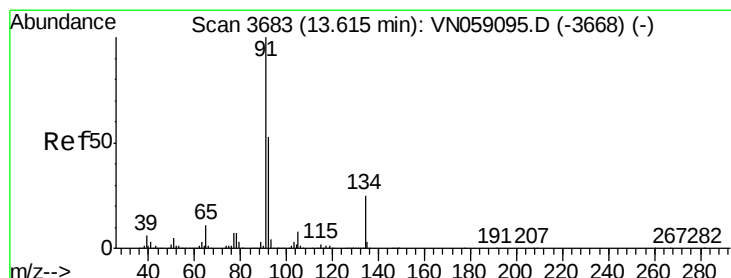
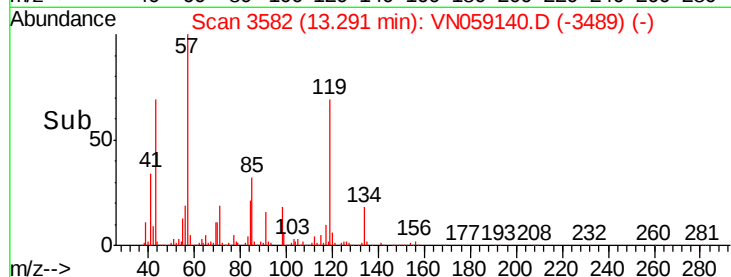
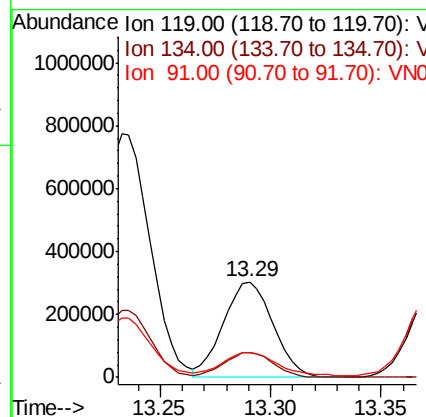
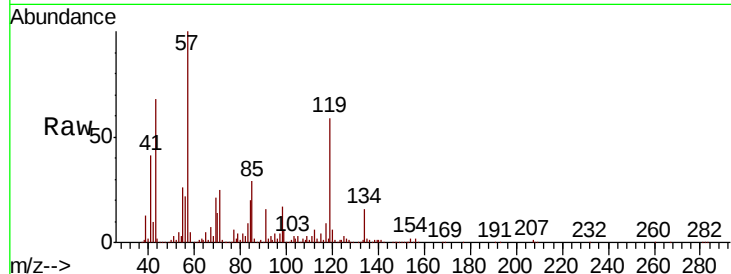




#86
p-Isopropyltoluene
Concen: 24.202 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

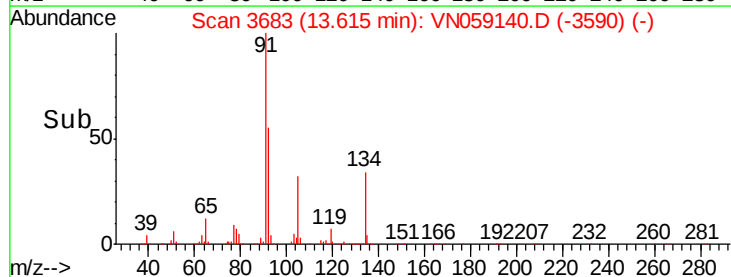
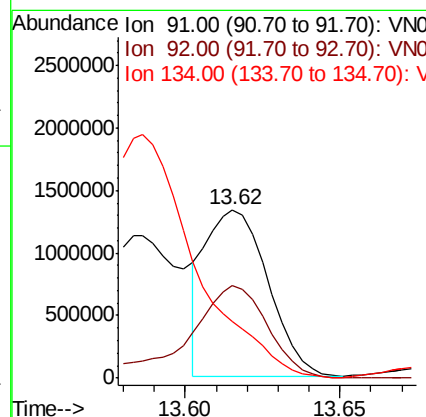
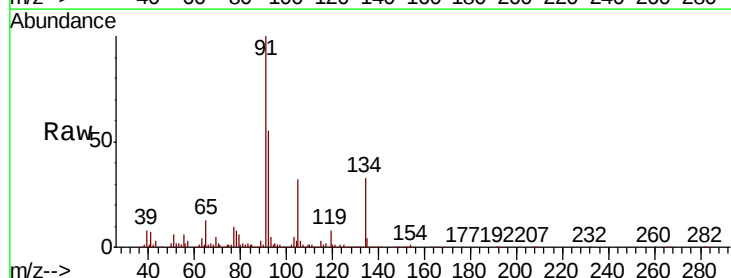
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

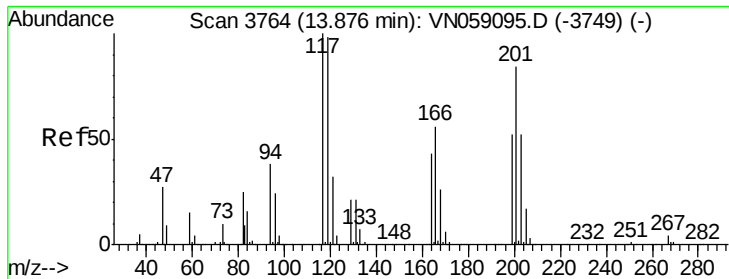
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.0	38.9
91	25.5	11.7	35.1



#89
n-Butylbenzene
Concen: 109.496 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	71.2	26.1	78.3
134	0.0	12.6	37.8#





#90

Hexachloroethane

Concen: 174.027 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

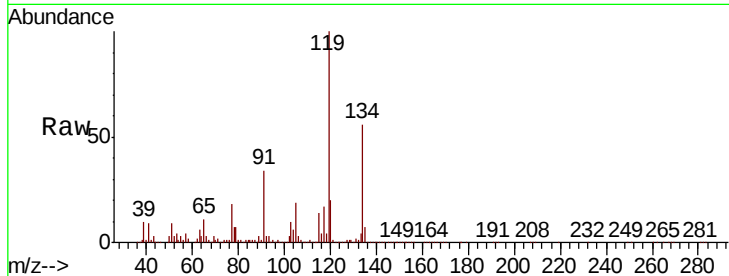
SB-22-(14-15)ME

Tot Ion:117 Resp: 677757

Ion Ratio Lower Upper

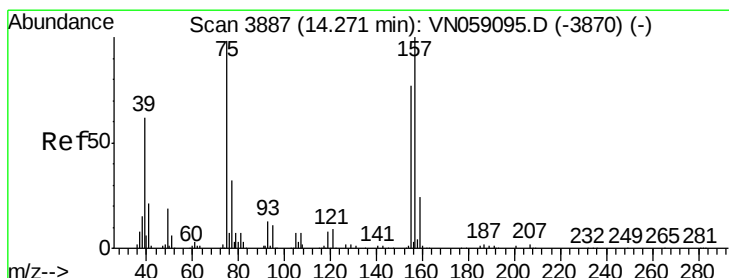
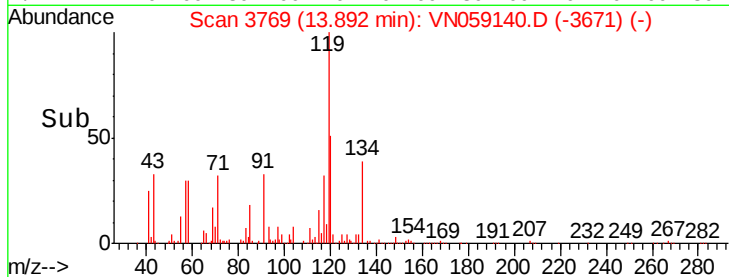
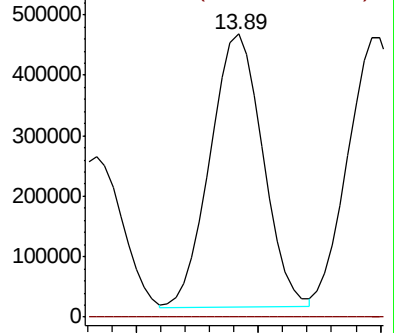
117 100

201 0.0 41.8 125.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.664 ug/l

RT: 14.30 min Scan# 3895

Delta R.T. 0.03 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

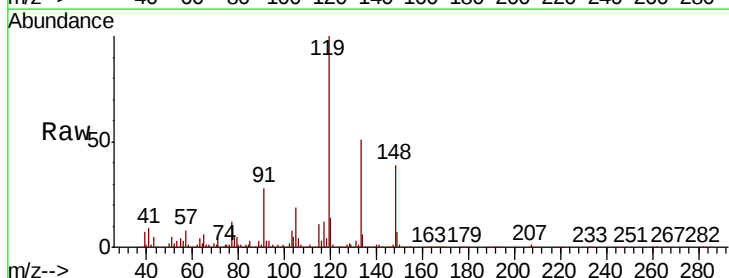
Tgt Ion: 75 Resp: 22966

Ion Ratio Lower Upper

75 100

155 4.3 40.2 120.6#

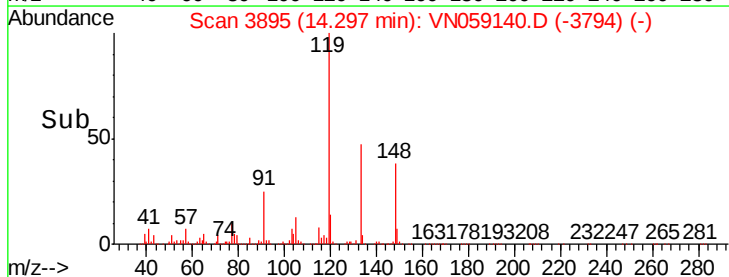
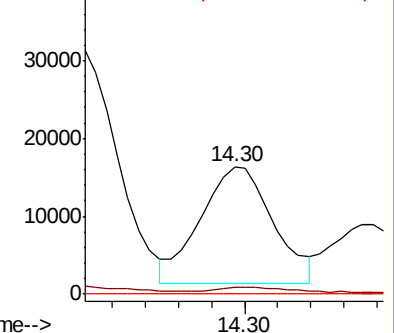
157 0.0 51.8 155.5#

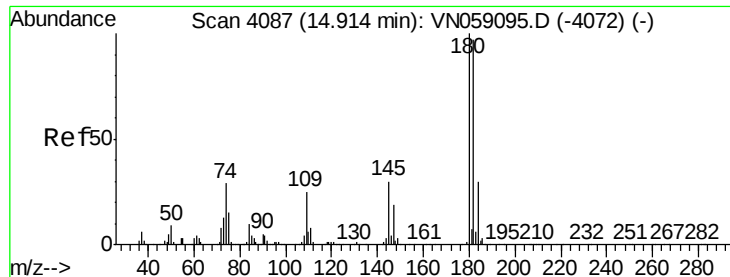


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

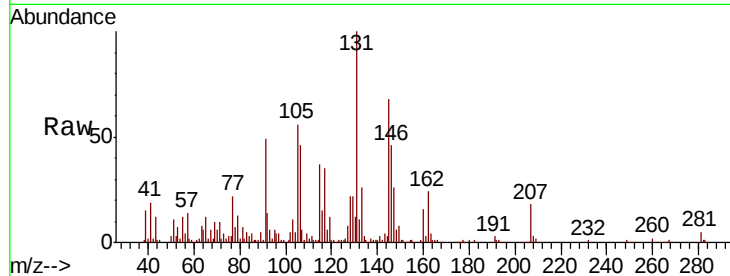




#93
 1,2,4-Trichlorobenzene
 Concen: 3.237 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.01 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)ME

Tot Ion	Ratio	Lower	Upper
180	100		
182	171.4	48.1	144.3#
145	0.0	15.1	45.3#

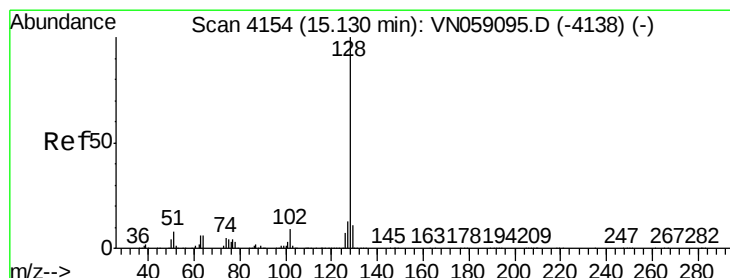
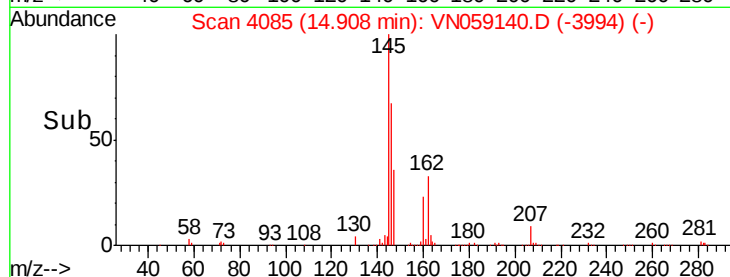
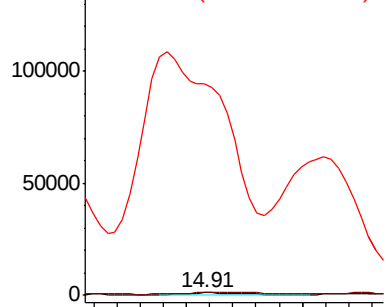


Abundance

Ion 179.80 (179.50 to 180.50): V

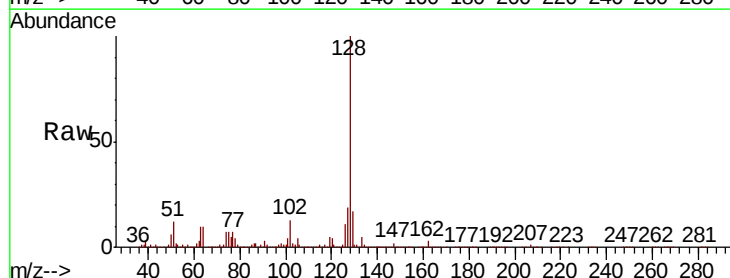
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 279.702 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.2	15.2#
129	14.1	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

