

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059726.D
 Acq On : 16 Jan 2020 12:58
 Operator : JC/MD
 Sample : L1123-07
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-04-2.5-3.0ME

Quant Time: Jan 17 04:35:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	280426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	248073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127030	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98009	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
35) Dibromofluoromethane	7.56	113	84541	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.08	98	338077	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.40	95	125117	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

Target Compounds					Qvalue
11) Tert butyl alcohol	4.70	59	1142	3.231 ug/l #	72
13) Acrolein	3.74	56	280	1.119 ug/l #	67
14) Allyl chloride	4.48	41	10505	4.506 ug/l #	75
15) Acrylonitrile	5.00	53	1602	1.987 ug/l #	20
16) Acetone	3.78	43	336	Below Cal #	70
17) Carbon Disulfide	4.00	76	1410	0.286 ug/l #	75
18) Methyl Acetate	4.30	43	1574	0.642 ug/l #	74
20) Methylene Chloride	4.51	84	475	Below Cal #	23
25) 2-Butanone	6.78	43	4744	3.990 ug/l #	50
29) Tetrahydrofuran	7.19	42	161	0.219 ug/l #	35
30) Chloroform	7.29	83	2356	0.704 ug/l #	17
31) Cyclohexane	7.72	56	712833	229.495 ug/l #	20
36) 1,1-Dichloropropene	7.63	75	12686	5.195 ug/l #	50
37) Ethyl Acetate	6.78	43	4744	2.071 ug/l #	69
38) Carbon Tetrachloride	7.64	117	17611	6.630 ug/l #	16
39) Methylcyclohexane	9.06	83	98815	32.817 ug/l #	53
40) Benzene	8.02	78	1820	0.250 ug/l #	52
41) Methacrylonitrile	7.16	41	300	0.266 ug/l #	100
42) 1,2-Dichloroethane	8.18	62	3338	1.352 ug/l #	1
43) Isopropyl Acetate	8.13	43	46049	11.689 ug/l #	56
45) 1,2-Dichloropropane	9.07	63	1956	1.085 ug/l #	1
47) Bromodichloromethane	9.37	83	16776	6.548 ug/l #	25
48) Methyl methacrylate	9.20	41	55847	31.692 ug/l #	37
51) 4-Methyl-2-Pentanone	10.01	43	227992	100.111 ug/l #	83
52) Toluene	10.14	92	2368	0.515 ug/l	91
55) 1,1,2-Trichloroethane	10.52	97	91723	50.342 ug/l #	30
56) Ethyl methacrylate	10.42	69	6401	2.299 ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.64	63	6442	7.682 ug/l #	50
59) 2-Hexanone	10.71	43	163792	97.626 ug/l #	32
60) Dibromochloromethane	10.81	129	1049	0.506 ug/l #	52
67) Ethyl Benzene	11.51	91	7815	0.883 ug/l	95
68) m/p-Xylenes	11.62	106	5433	1.625 ug/l	79
69) o-Xylene	11.94	106	1623	0.496 ug/l	69
73) Isopropylbenzene	12.24	105	140188	15.048 ug/l	99

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

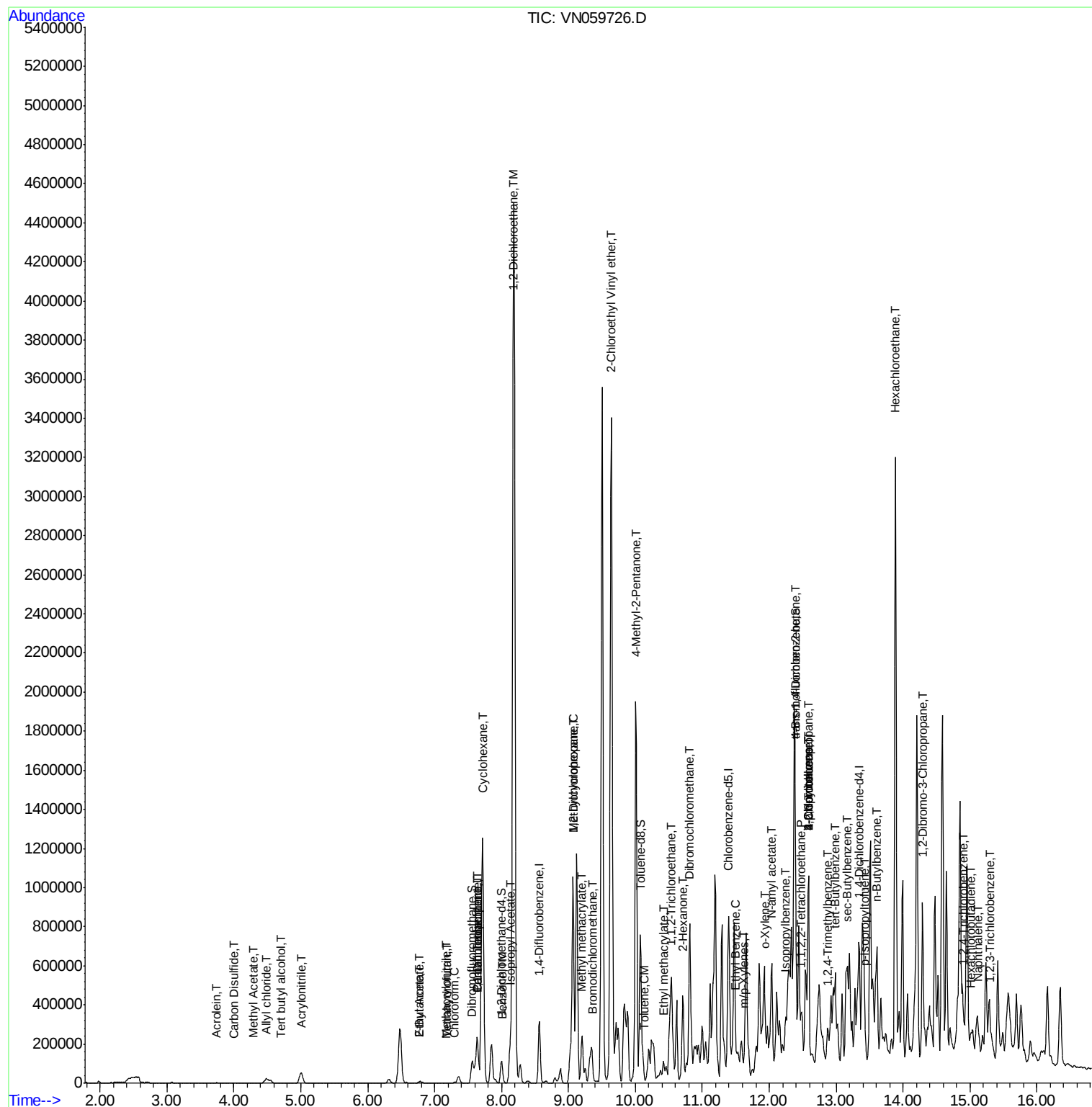
74) N-amyl acetate	12.04	43	127850	35.366	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.49	83	2023	0.749	ug/l #	1
76) 1,2,3-Trichloropropane	12.59	75	4325	2.023	ug/l #	100
78) n-propylbenzene	12.59	91	674321	64.487	ug/l	98
79) 2-Chlorotoluene	12.59	91	674321	108.401	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.40	75	61128	61.406	ug/l #	36
82) 4-Chlorotoluene	12.59	91	674321	108.075	ug/l #	42
83) tert-Butylbenzene	12.99	119	3195	0.471	ug/l #	24
84) 1,2,4-Trimethylbenzene	12.89	105	14330	1.849	ug/l	78
85) sec-Butylbenzene	13.17	105	228028	25.612	ug/l #	50
86) p-Isopropyltoluene	13.44	119	32000	3.884	ug/l	96
89) n-Butylbenzene	13.61	91	339413	48.322	ug/l #	84
90) Hexachloroethane	13.89	117	156136	101.301	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.29	75	2582	2.469	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.91	180	2440	1.002	ug/l #	82
94) Hexachlorobutadiene	15.00	225	584	0.435	ug/l	88
95) Naphthalene	15.13	128	31457	4.543	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.31	180	3517	1.484	ug/l #	1

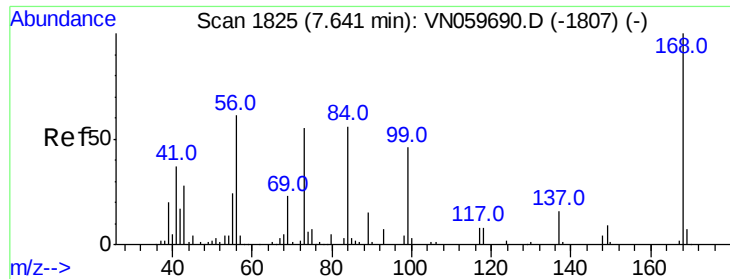
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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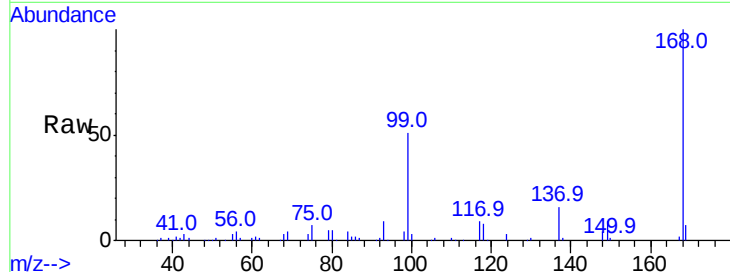




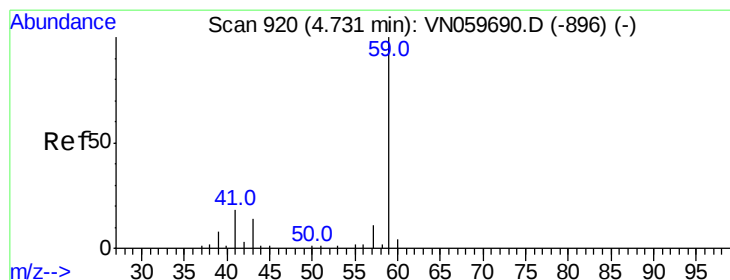
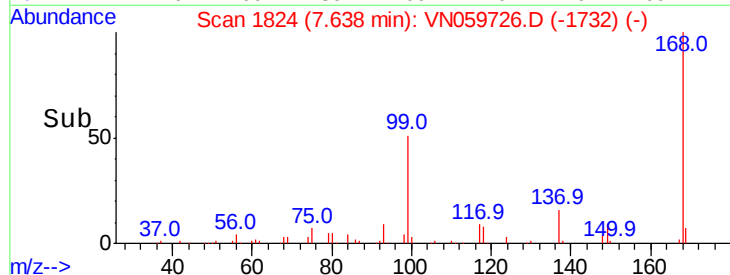
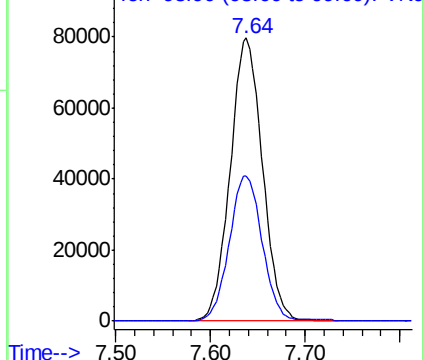
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN059726.D
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Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion: 168 Resp: 189039
Ion Ratio Lower Upper
168 100
99 51.5 48.2 72.4

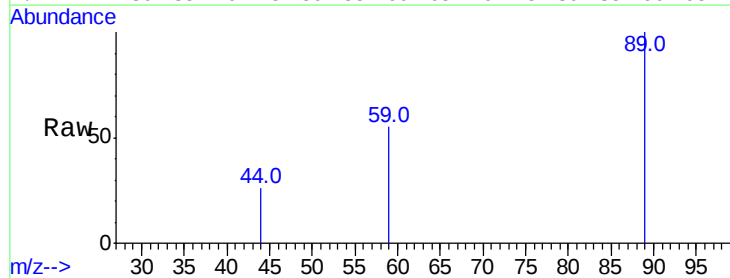


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

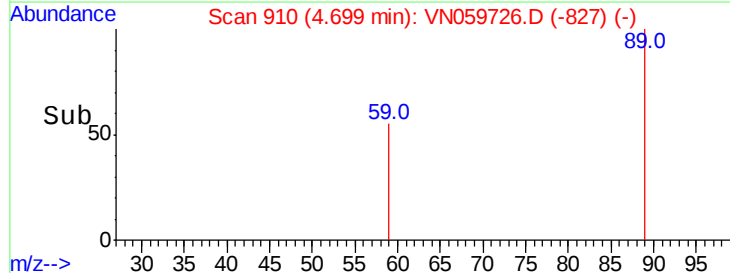
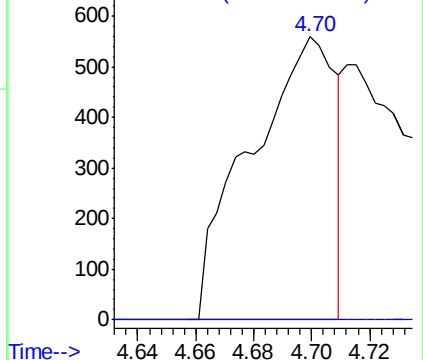


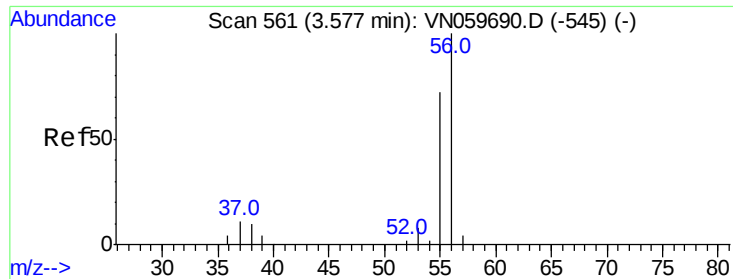
#11
Tert butyl alcohol
Concen: 3.231 ug/l
RT: 4.70 min Scan# 910
Delta R.T. -0.03 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 59 Resp: 1142
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN
Ion 57.00 (56.70 to 57.70): VN

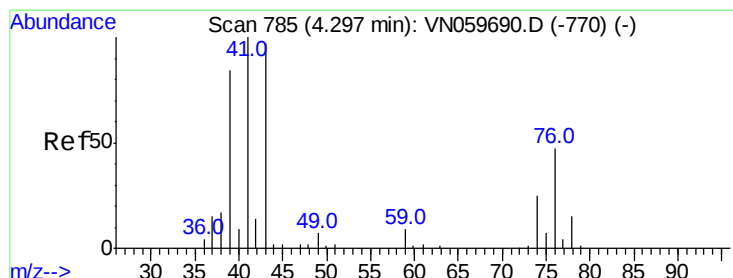
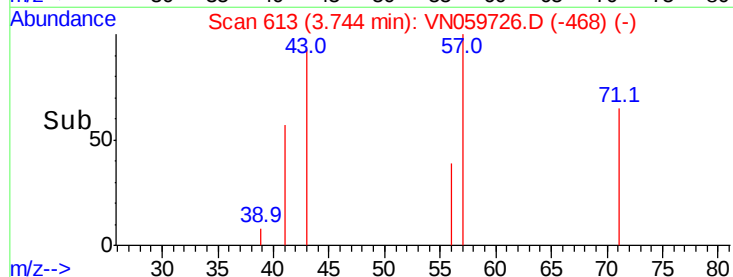
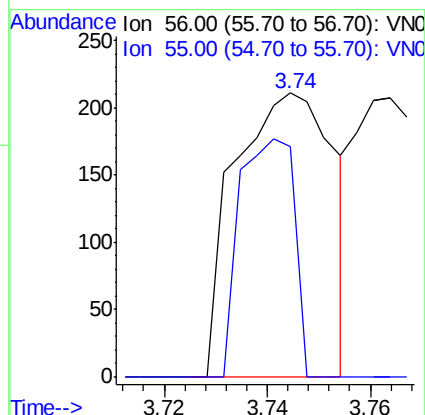
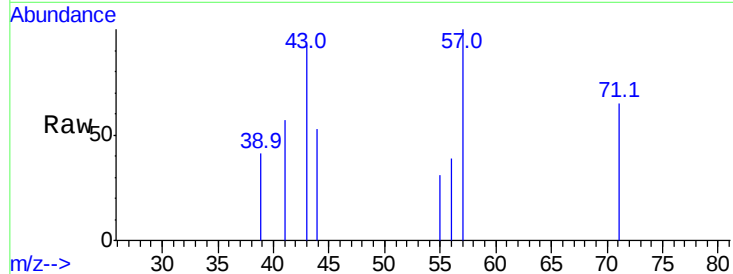




#13
 Acrolein
 Concen: 1.119 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.17 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

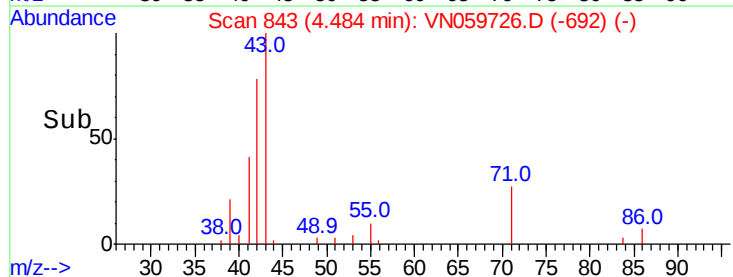
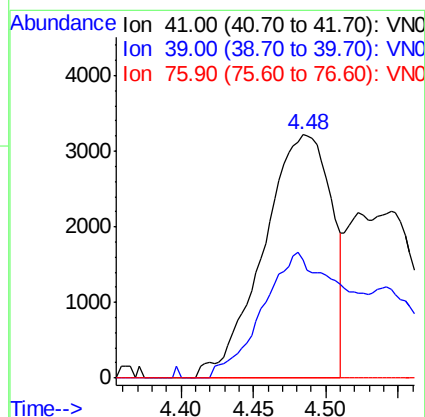
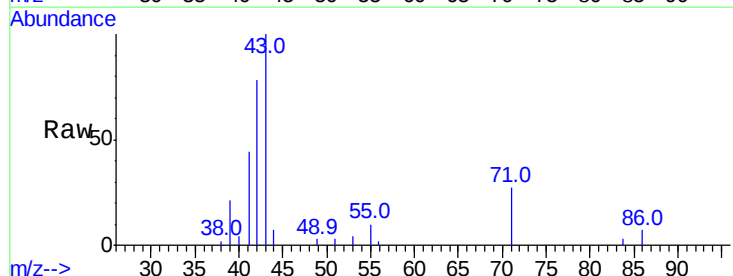
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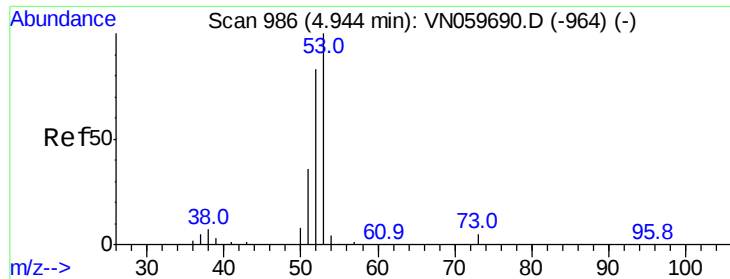
Tgt Ion: 56 Resp: 280
 Ion Ratio Lower Upper
 56 100
 55 45.7 58.6 88.0#



#14
 Allyl chloride
 Concen: 4.506 ug/l
 RT: 4.48 min Scan# 843
 Delta R.T. 0.19 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

Tgt Ion: 41 Resp: 10505
 Ion Ratio Lower Upper
 41 100
 39 63.4 57.8 86.8
 76 0.0 25.4 38.0#

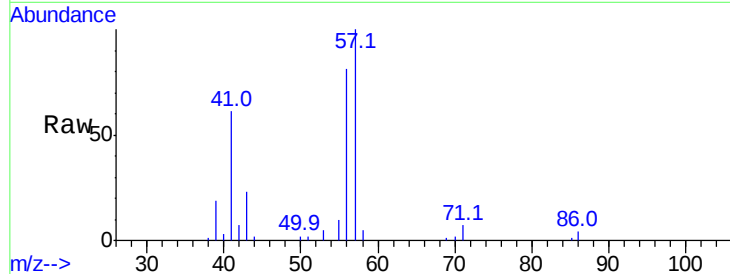




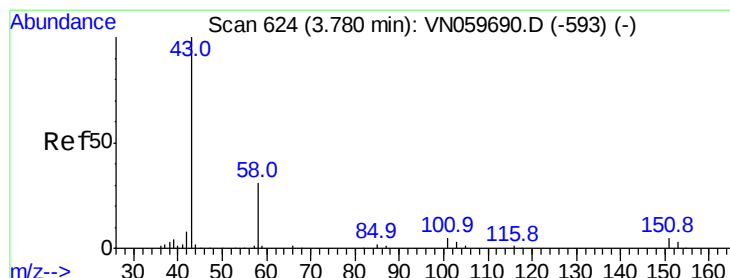
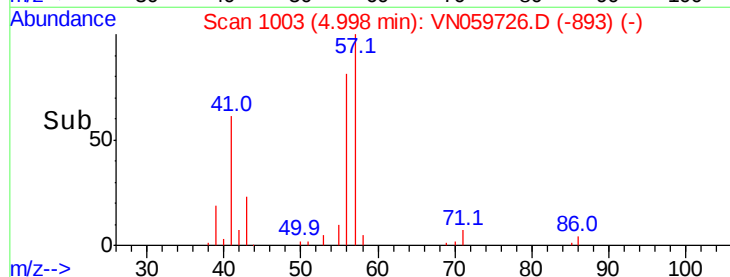
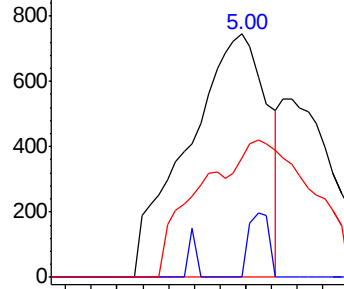
#15
 Acrylonitrile
 Concen: 1.987 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. 0.05 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

Instrument :
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 ClientSampleId :
 SB-04-2.5-3.0ME

Tgt Ion: 53 Resp: 1602
 Ion Ratio Lower Upper
 53 100
 52 6.7 66.3 99.5#
 51 78.7 29.7 44.5#

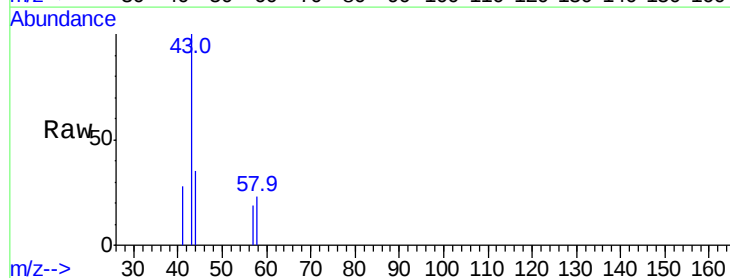


Abundance Ion 53.00 (52.70 to 53.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0

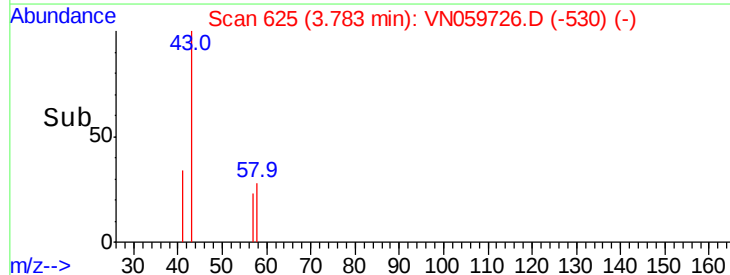
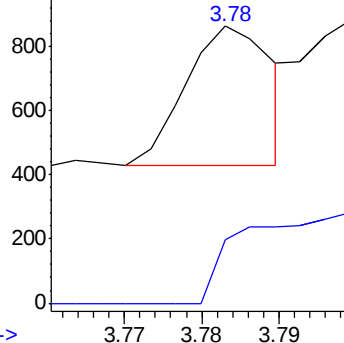


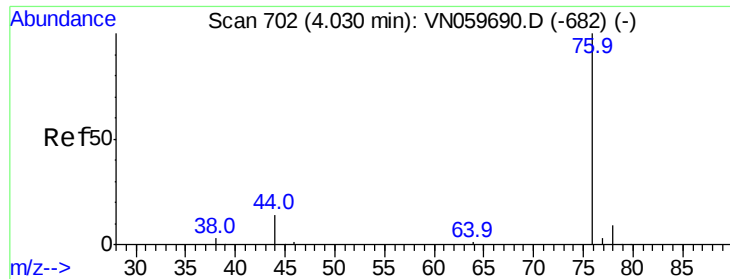
#16
 Acetone
 Concen: Below Cal
 RT: 3.78 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

Tgt Ion: 43 Resp: 336
 Ion Ratio Lower Upper
 43 100
 58 45.4 23.6 35.4#



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

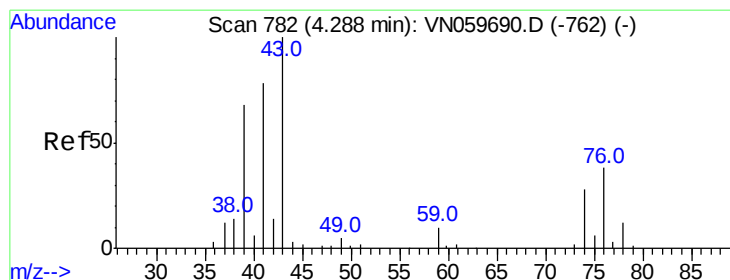
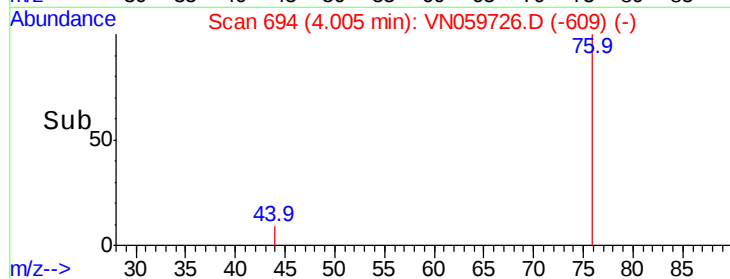
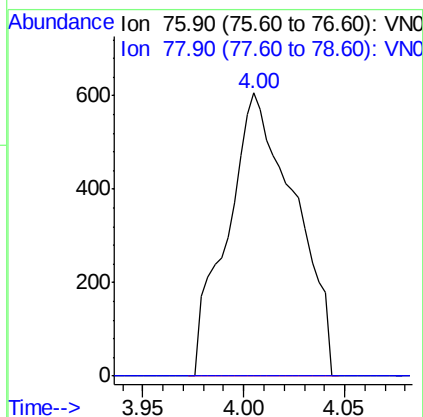
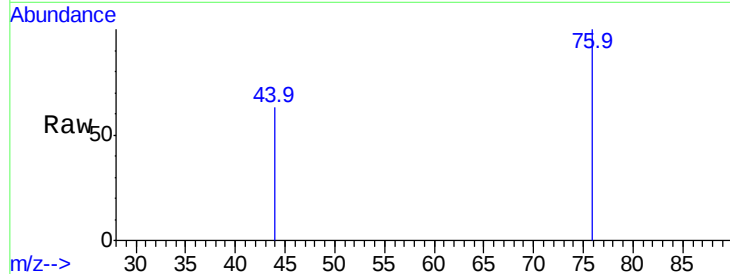




#17
Carbon Disulfide
Concen: 0.286 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.03 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

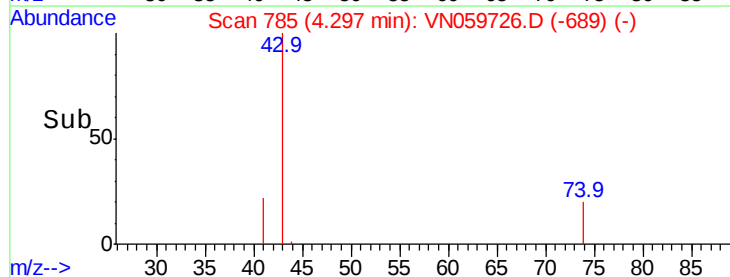
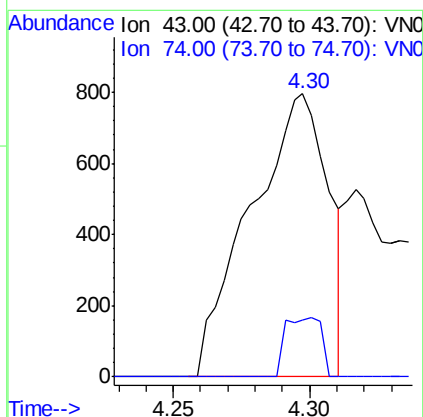
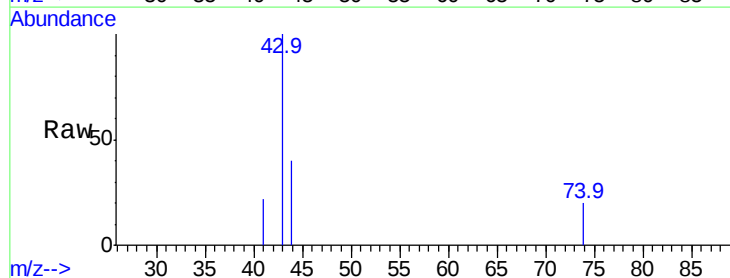
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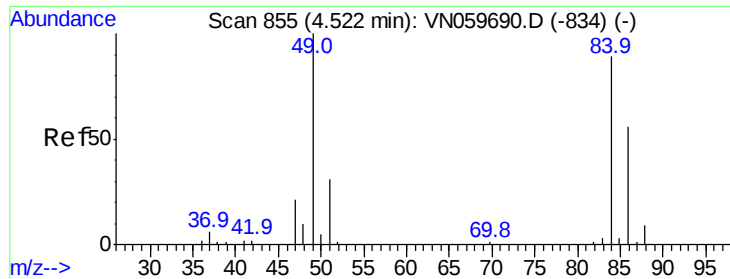
Tgt Ion: 76 Resp: 1410
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.642 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
74 9.7 17.5 26.3#

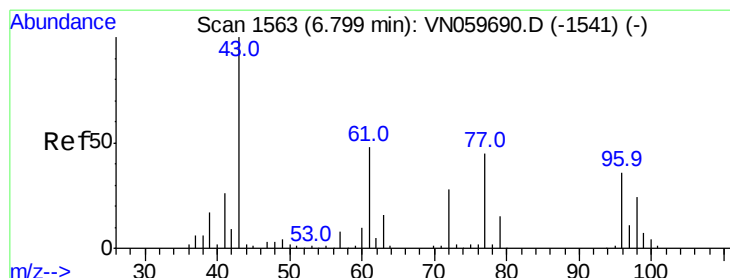
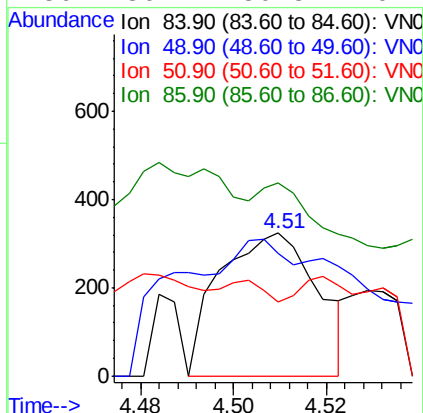
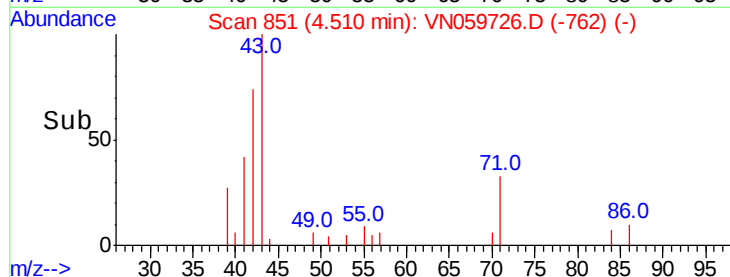
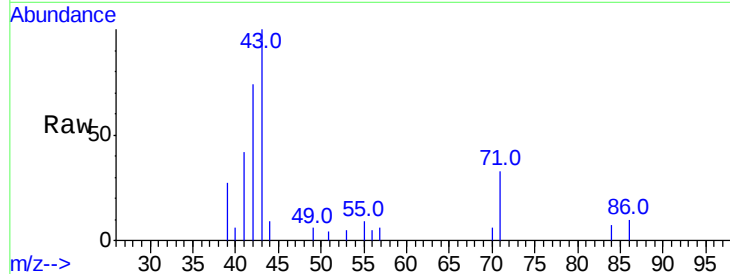




#20
Methylene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 851
Delta R.T. -0.01 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

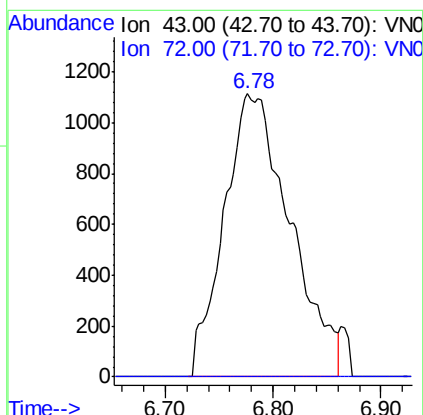
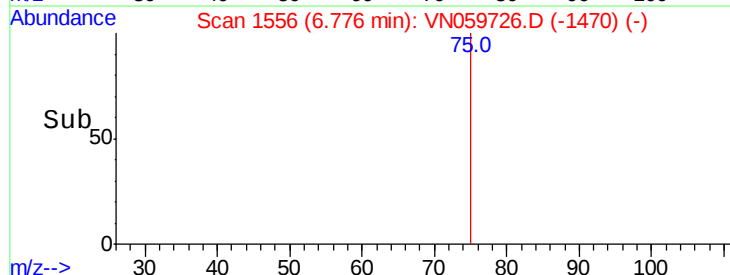
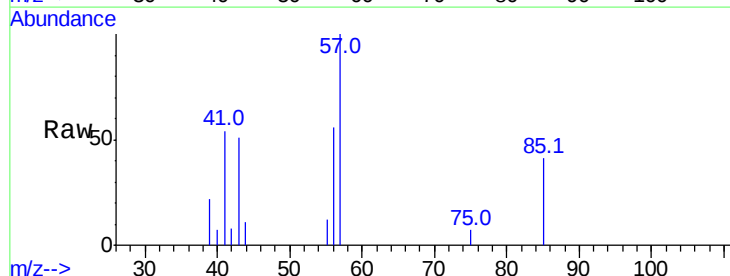
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SB-04-2.5-3.0ME

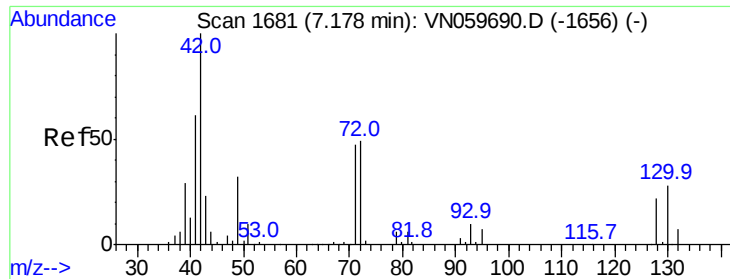
Tgt Ion: 84 Resp: 475
Ion Ratio Lower Upper
84 100
49 13.3 106.6 160.0#
51 0.0 31.9 47.9#
86 36.4 50.8 76.2#



#25
2-Butanone
Concen: 3.990 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.02 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 43 Resp: 4744
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

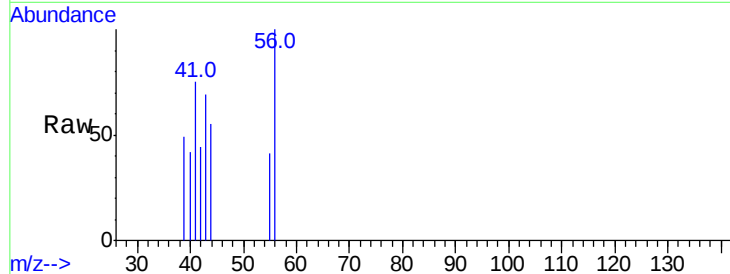




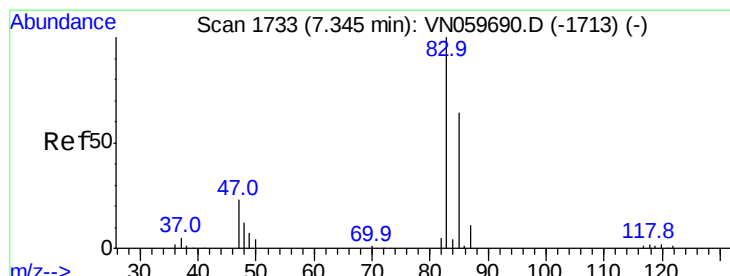
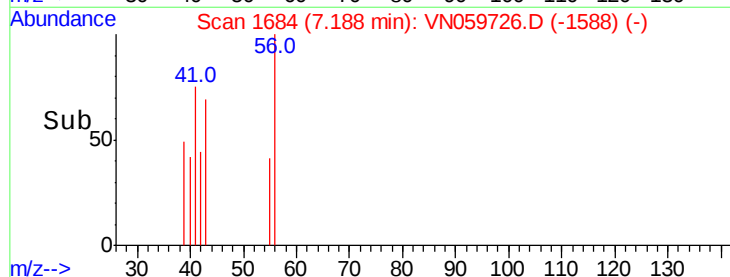
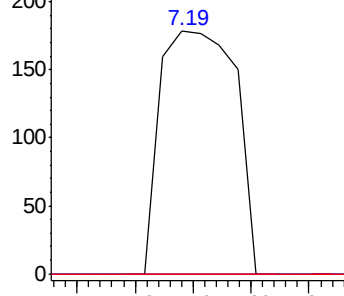
#29
Tetrahydrofuran
Concen: 0.219 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion: 42 Resp: 161
Ion Ratio Lower Upper
42 100
72 0.0 33.1 49.7#
71 0.0 31.4 47.0#

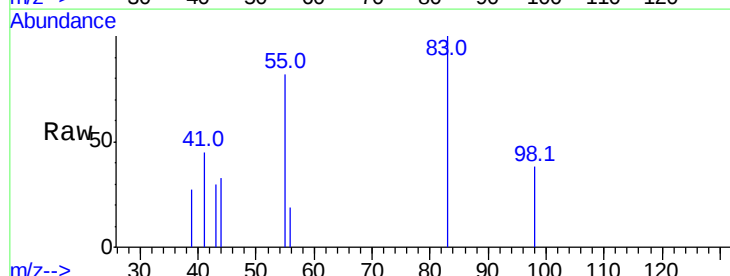


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

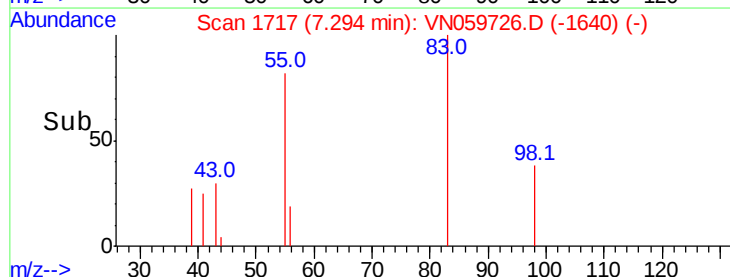
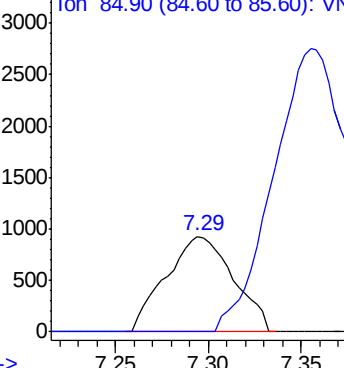


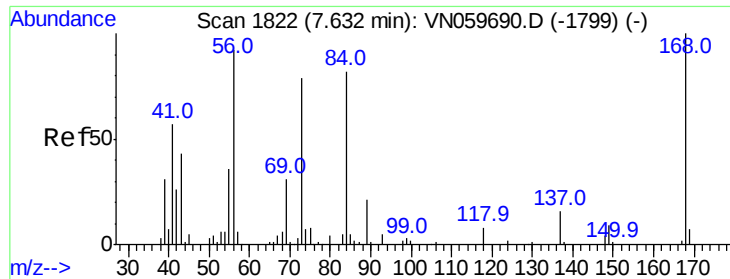
#30
Chloroform
Concen: 0.704 ug/l
RT: 7.29 min Scan# 1717
Delta R.T. -0.05 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 83 Resp: 2356
Ion Ratio Lower Upper
83 100
85 0.0 52.4 78.6#



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

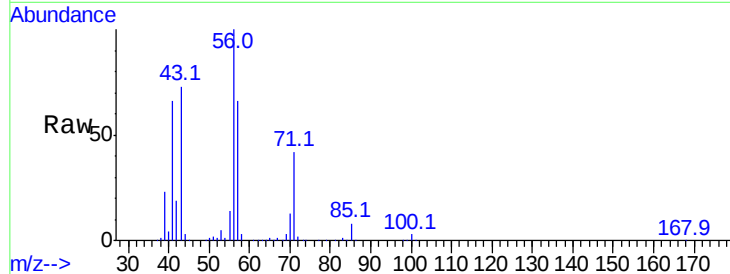




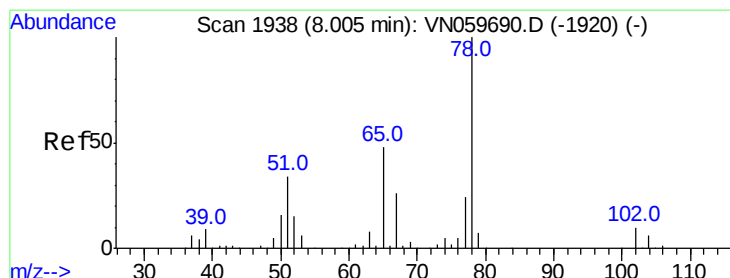
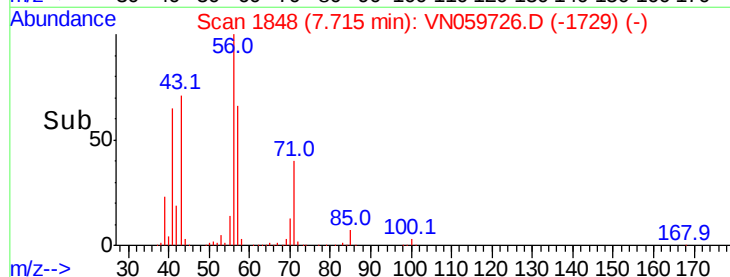
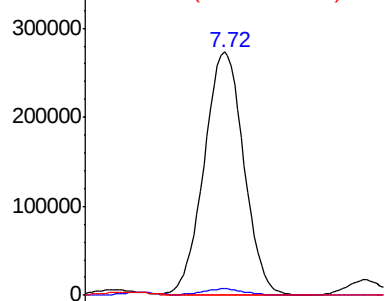
#31
Cyclohexane
Concen: 229.495 ug/l
RT: 7.72 min Scan# 1848
Delta R.T. 0.08 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampled :
SB-04-2.5-3.0ME

Tgt Ion: 56 Resp: 712833
Ion Ratio Lower Upper
56 100
69 2.6 26.5 39.7#
84 0.3 65.3 97.9#

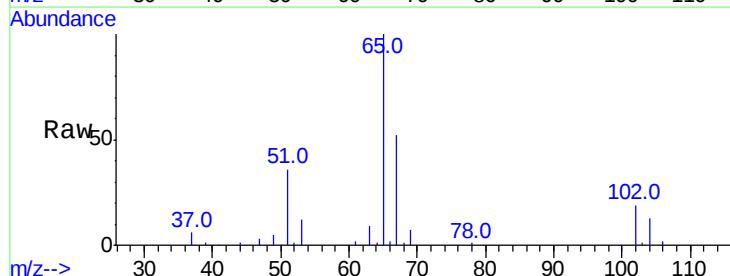


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

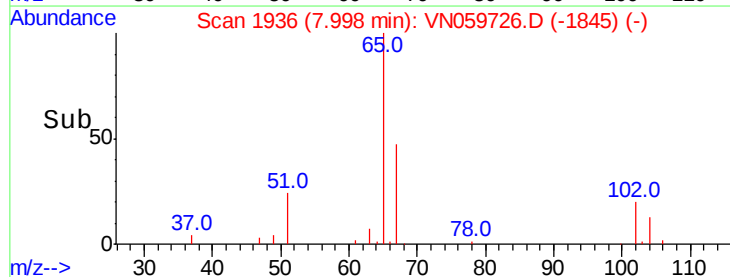
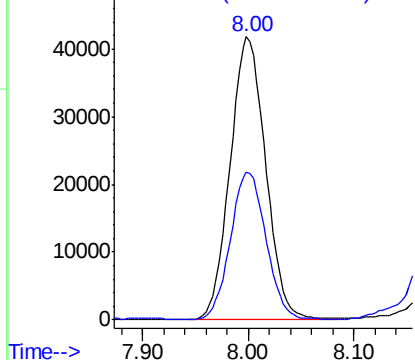


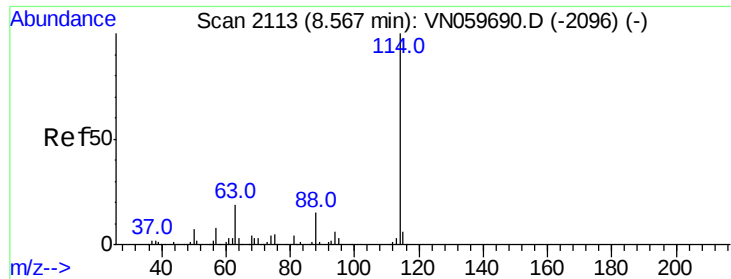
#33
1,2-Dichloroethane-d4
Concen: 46.686 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 65 Resp: 98009
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0



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

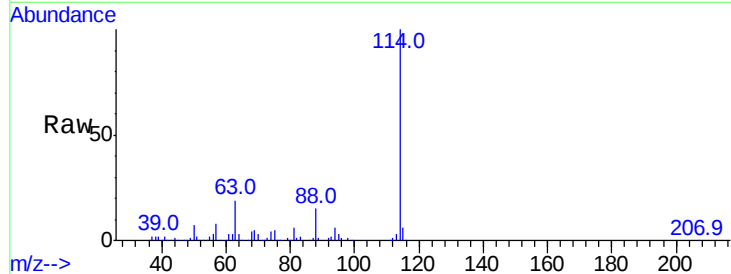




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.6
88	14.9	0.0	31.4

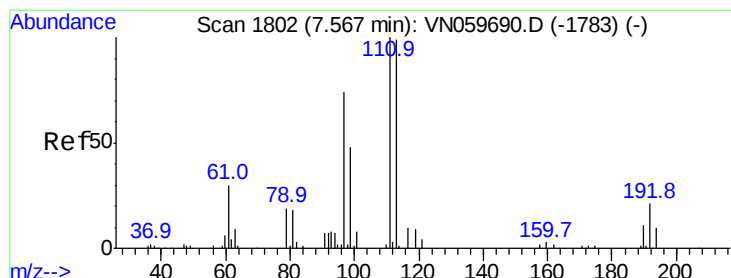
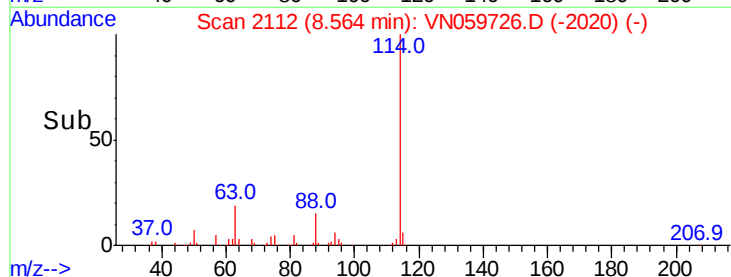
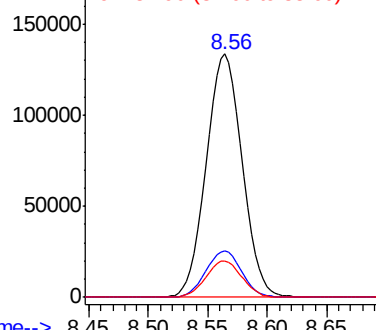


Abundance

Ion 113.90 (113.60 to 114.60): V

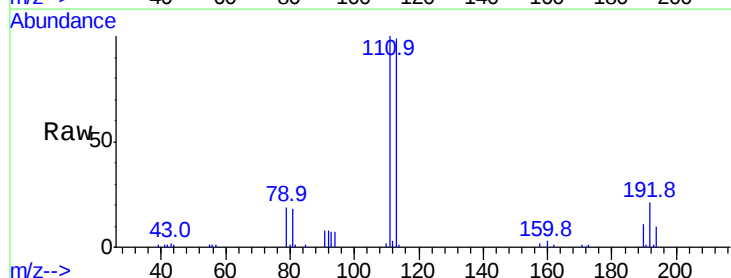
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 50.554 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.01 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.5	125.3
192	21.5	15.4	23.2

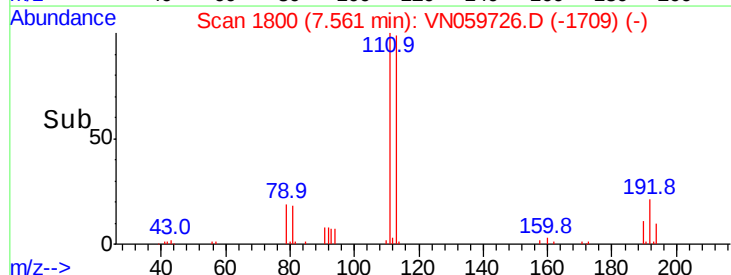
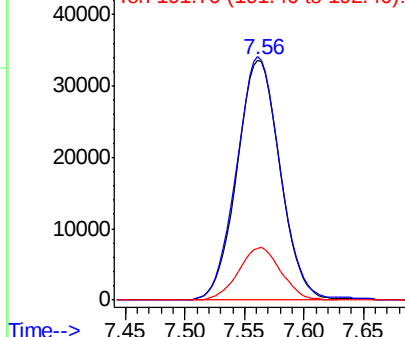


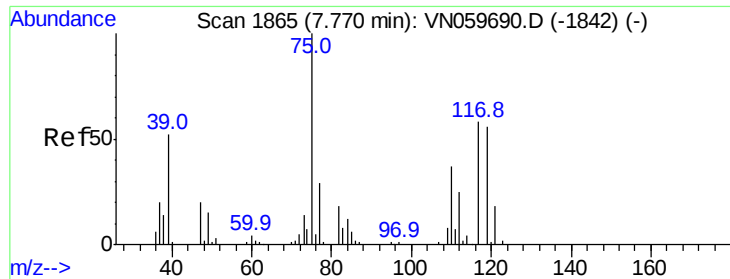
Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

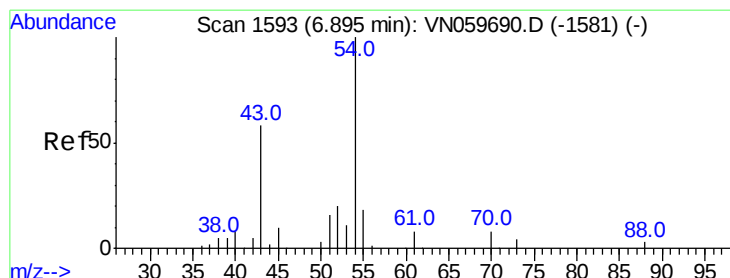
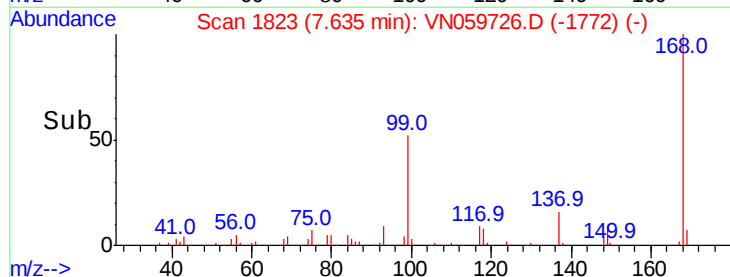
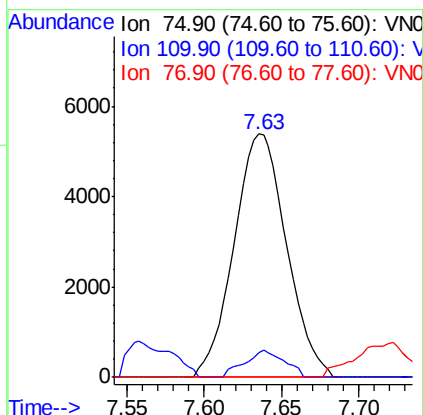
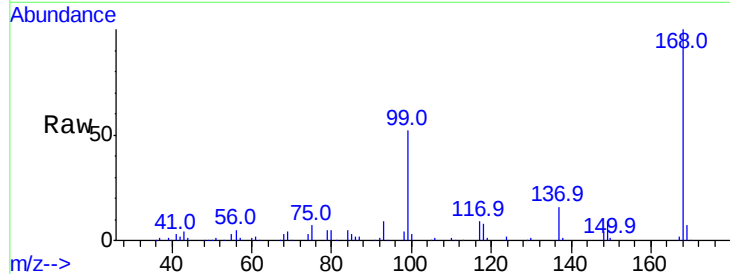




#36
 1,1-Dichloropropene
 Concen: 5.195 ug/l
 RT: 7.63 min Scan# 1823
 Delta R.T. -0.13 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

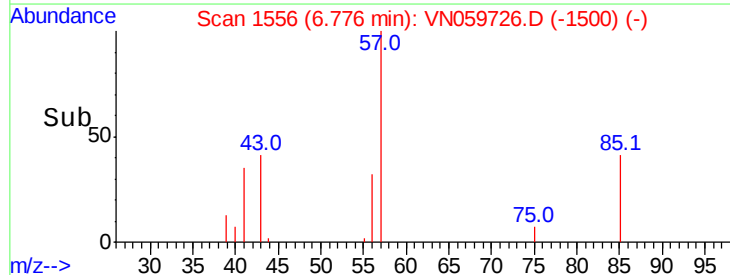
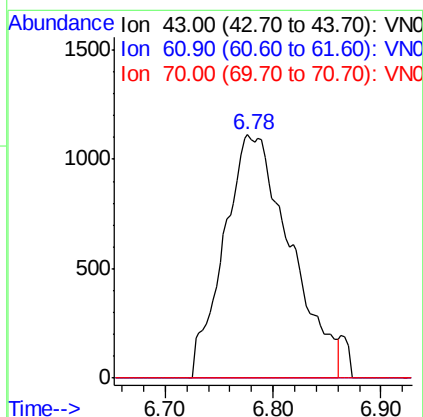
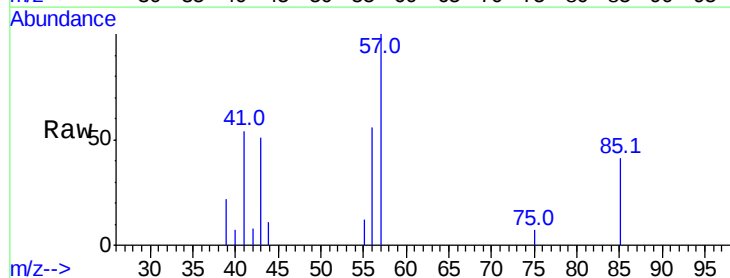
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-04-2.5-3.0ME

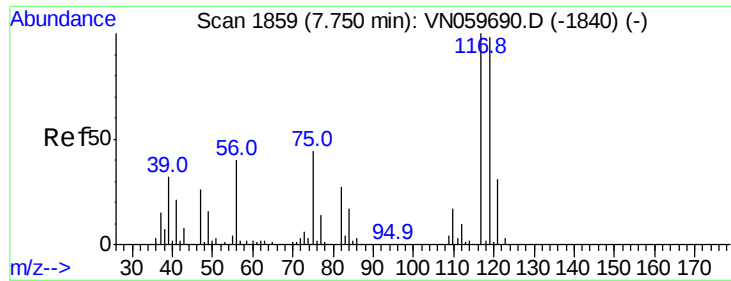
Tgt Ion: 75 Resp: 12686
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.6 49.7#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 2.071 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.12 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

Tgt Ion: 43 Resp: 4744
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.0 7.7 11.5#

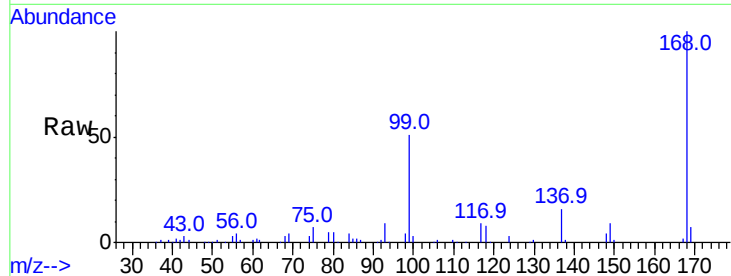




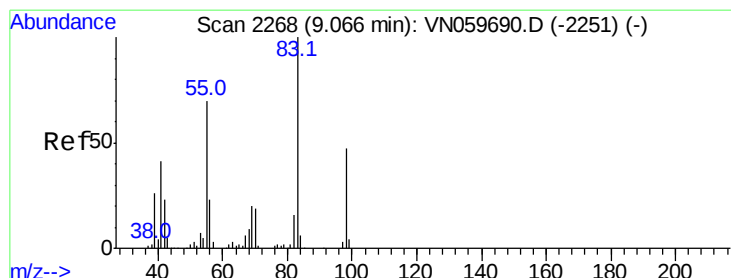
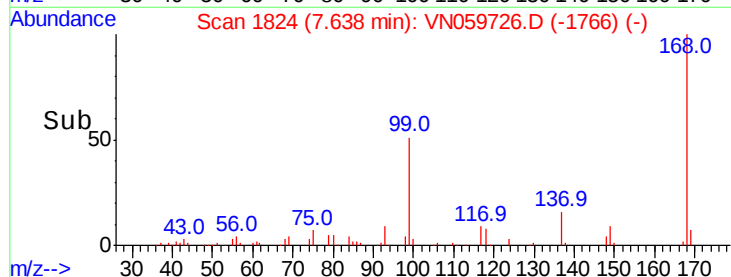
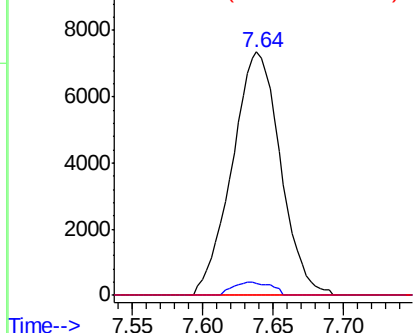
#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion: 117 Resp: 17611
Ion Ratio Lower Upper
117 100
119 4.8 76.5 114.7#
121 0.0 25.1 37.7#

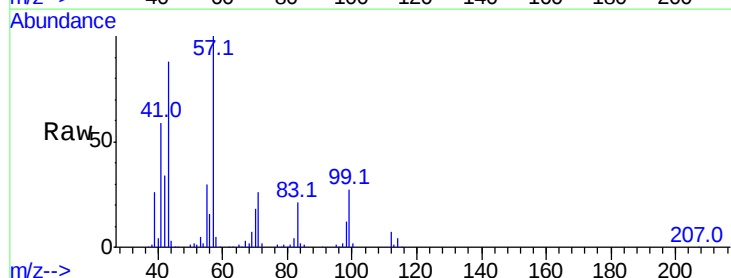


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

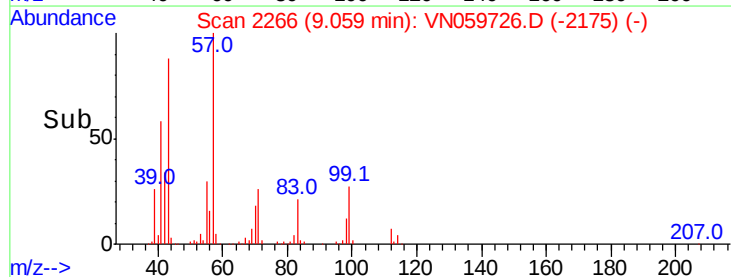
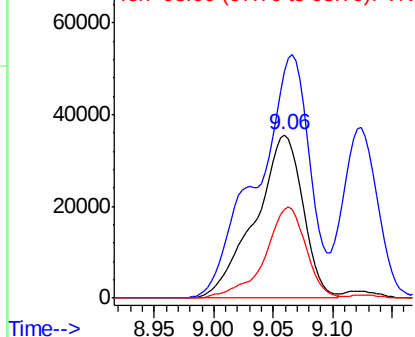


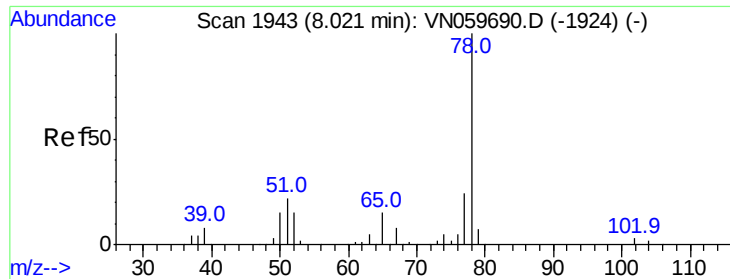
#39
Methylcyclohexane
Concen: 32.817 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 83 Resp: 98815
Ion Ratio Lower Upper
83 100
55 138.5 64.2 96.2#
98 54.4 35.9 53.9#



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





#40

Benzene

Concen: 0.250 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

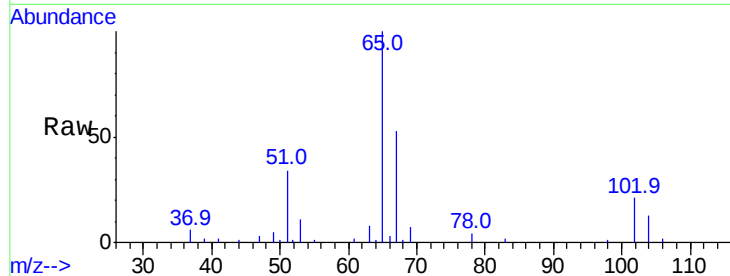
SB-04-2.5-3.0ME

Tgt Ion: 78 Resp: 1820

Ion Ratio Lower Upper

78 100

77 0.0 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.02

800

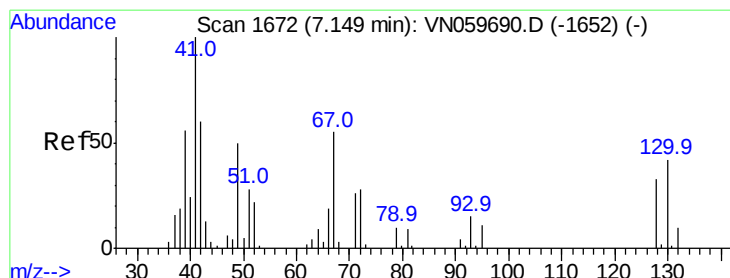
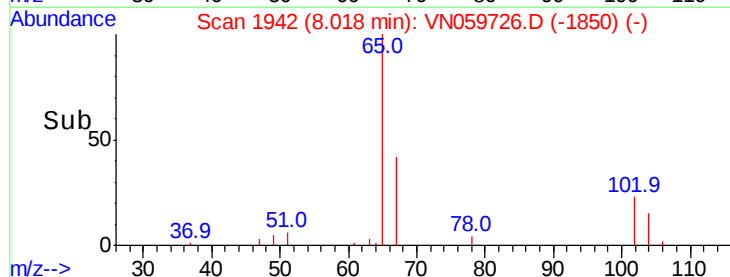
600

400

200

0

Time--> 7.95 8.00 8.05



#41

Methacrylonitrile

Concen: 0.266 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. 0.01 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Tgt Ion: 41 Resp: 300

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

400

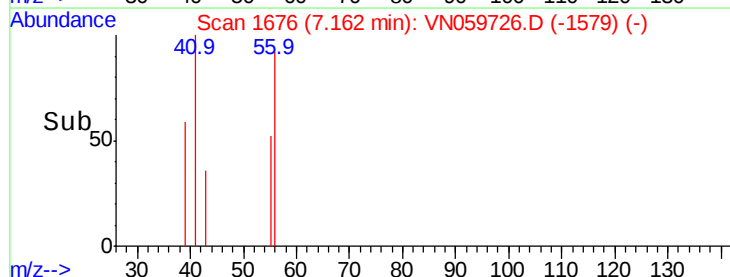
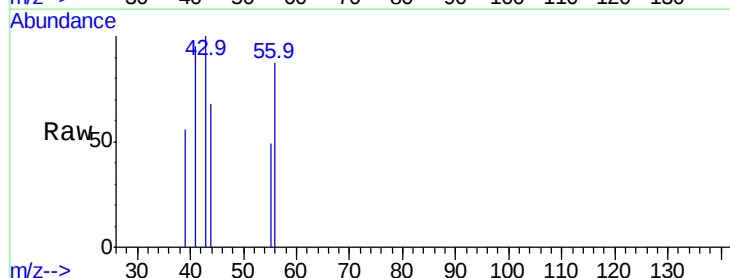
300

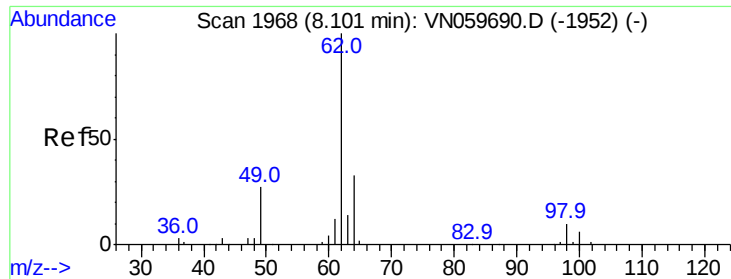
200

100

0

Time--> 7.14 7.15 7.16 7.17





#42

1,2-Dichloroethane

Concen: 1.352 ug/l

RT: 8.18 min Scan# 1993

Delta R.T. 0.08 min

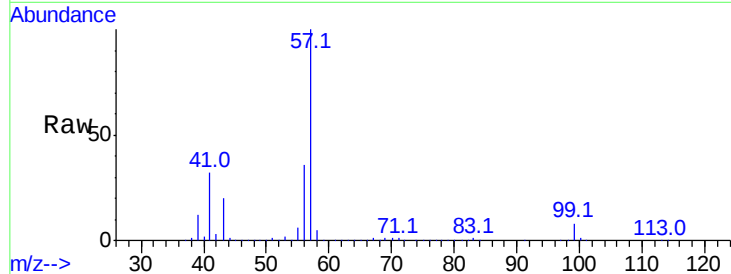
Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion: 62 Resp: 3338

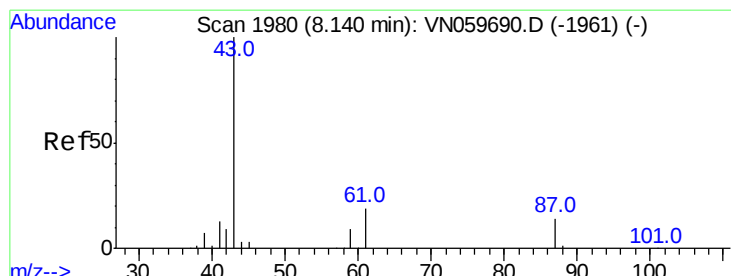
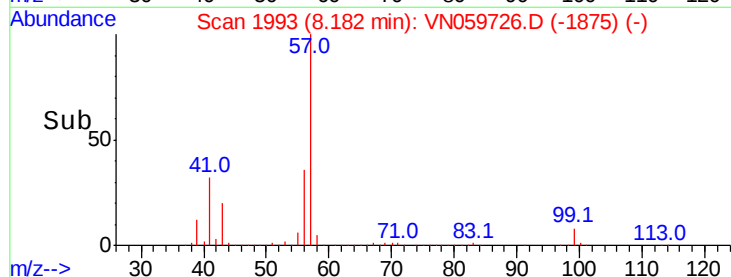
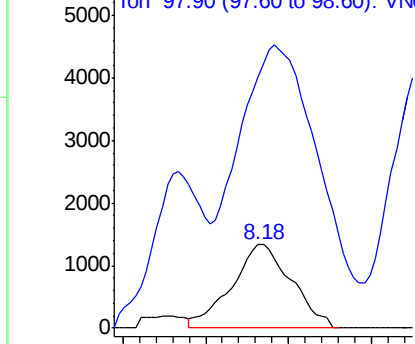
Ion	Ratio	Lower	Upper
62	100		
98	464.3	0.0	15.8#



Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 11.689 ug/l

RT: 8.13 min Scan# 1976

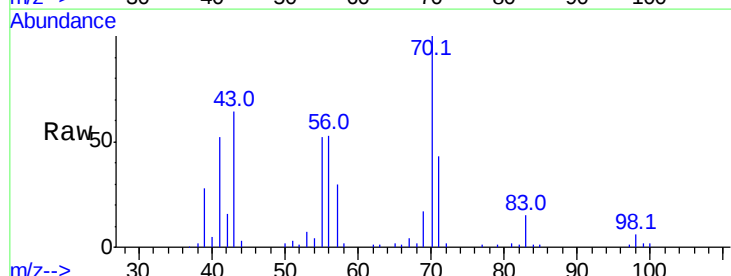
Delta R.T. -0.01 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Tgt Ion: 43 Resp: 46049

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.2	30.2#
87	0.0	9.5	14.3#

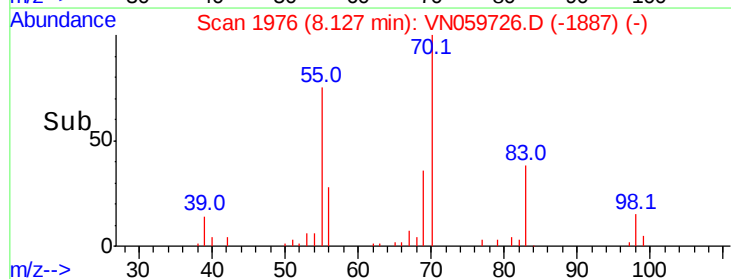
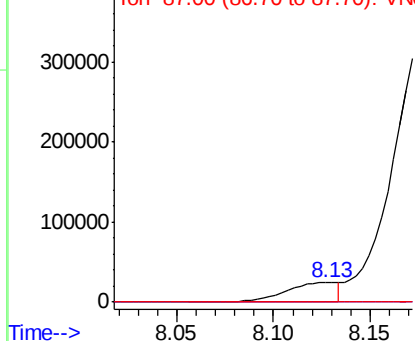


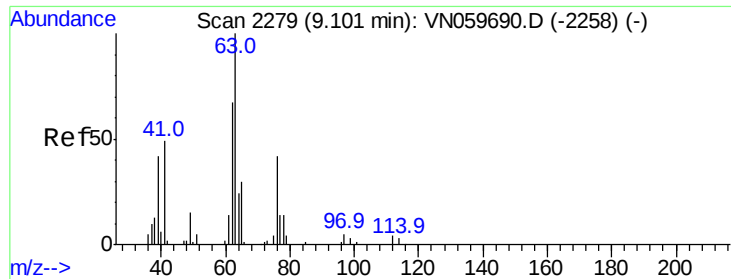
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

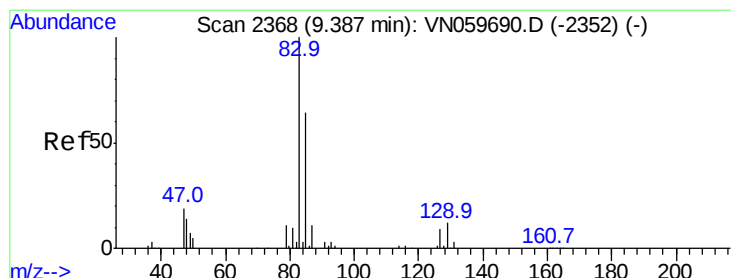
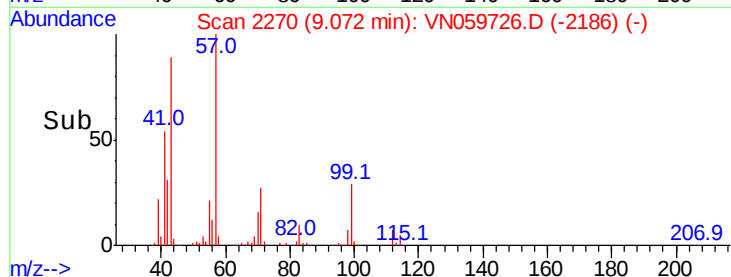
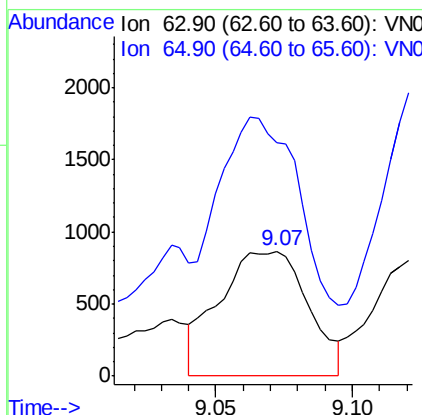
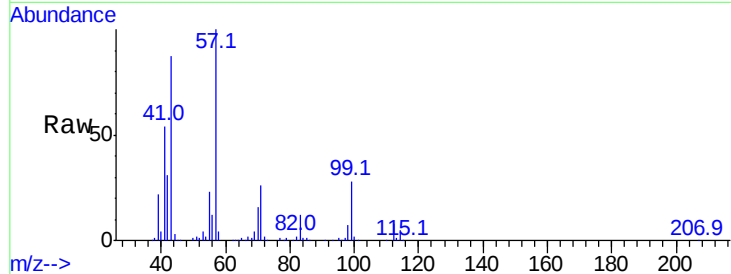




#45
 1,2-Dichloropropane
 Concen: 1.085 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

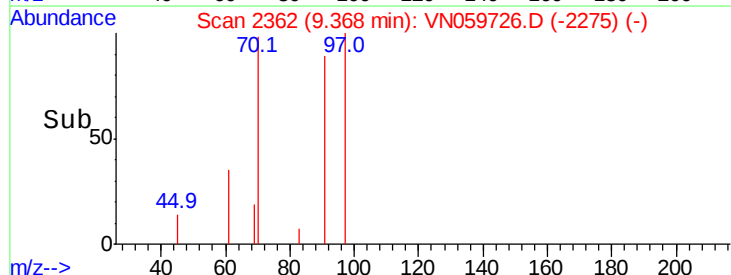
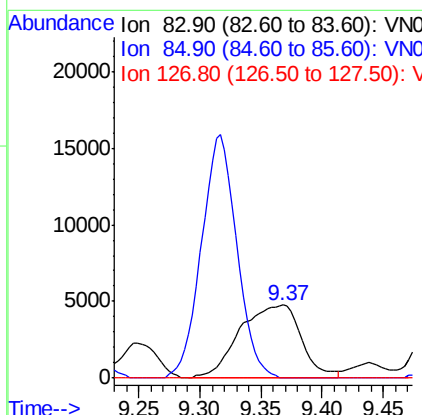
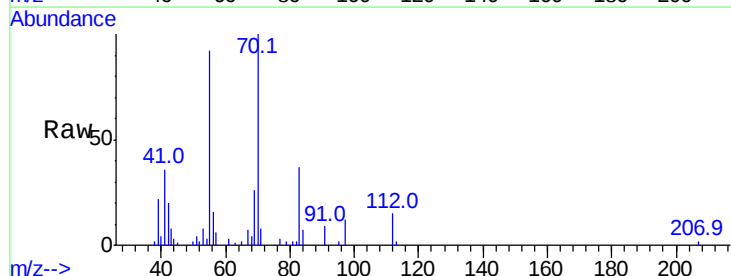
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-04-2.5-3.0ME

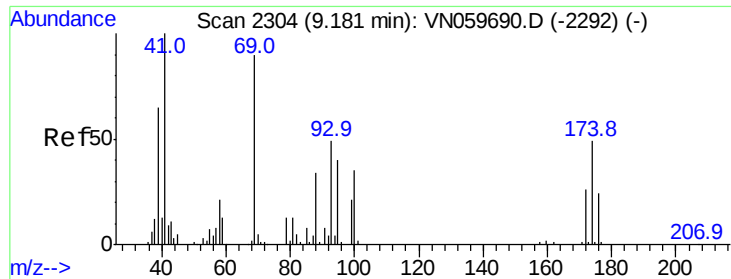
Tgt Ion: 63 Resp: 1956
 Ion Ratio Lower Upper
 63 100
 65 181.6 24.9 37.3#



#47
 Bromodichloromethane
 Concen: 6.548 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.02 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

Tgt Ion: 83 Resp: 16776
 Ion Ratio Lower Upper
 83 100
 85 0.0 51.1 76.7#
 127 0.0 6.6 9.8#





#48

Methyl methacrylate

Concen: 31.692 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.02 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

SB-04-2.5-3.0ME

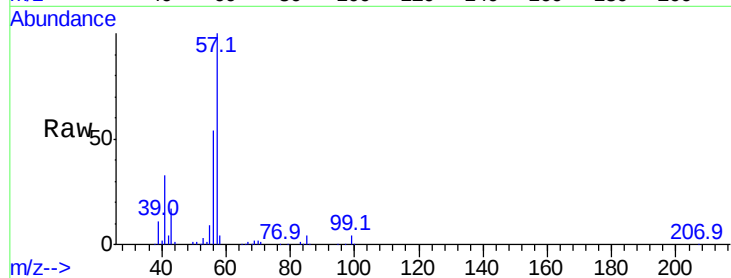
Tgt Ion: 41 Resp: 55847

Ion Ratio Lower Upper

41 100

69 3.3 64.4 96.6#

39 38.6 51.3 76.9#

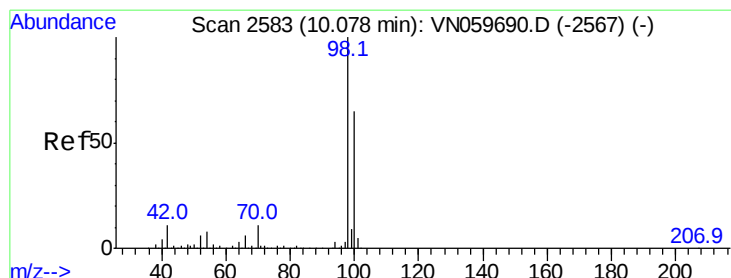
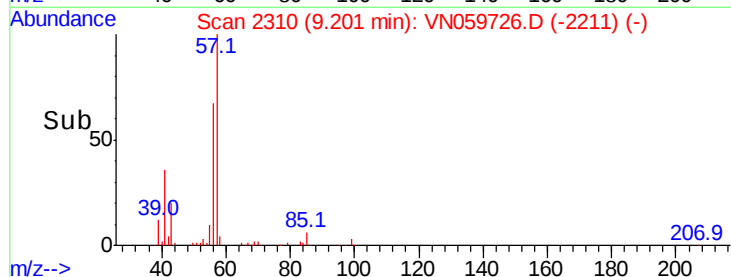
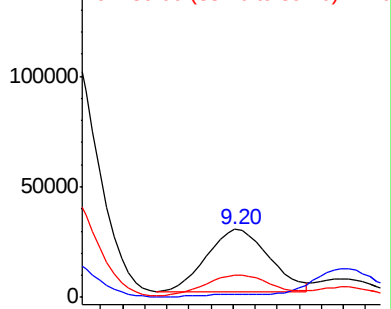


Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

Toluene-d8

Concen: 52.178 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059726.D

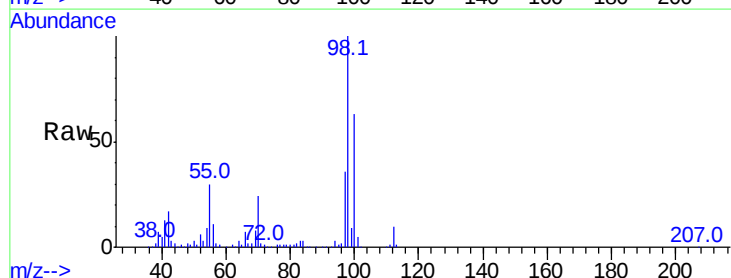
Acq: 16 Jan 2020 12:58

Tgt Ion: 98 Resp: 338077

Ion Ratio Lower Upper

98 100

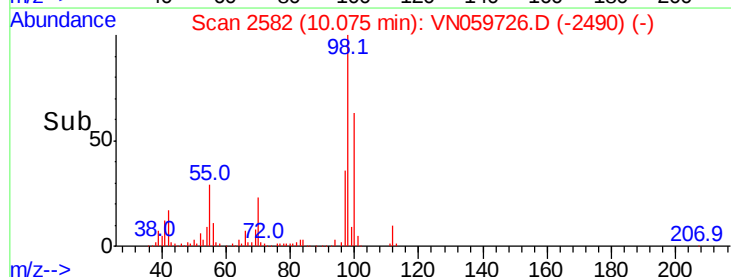
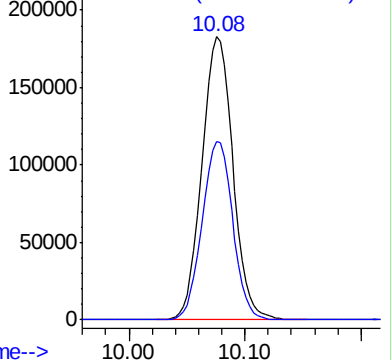
100 62.2 51.2 76.8

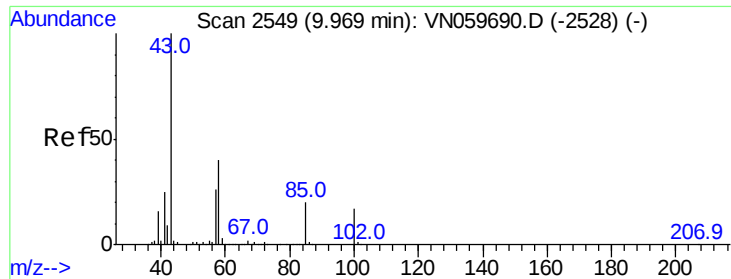


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 100.111 ug/l

RT: 10.01 min Scan# 2561

Delta R.T. 0.04 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

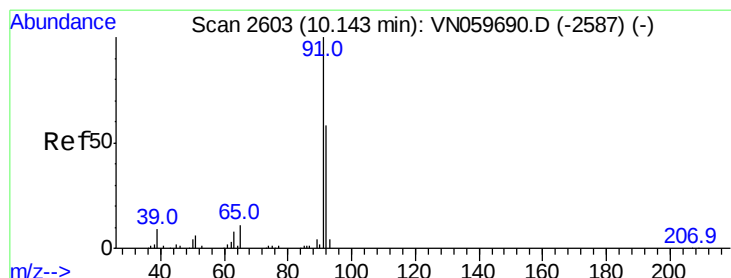
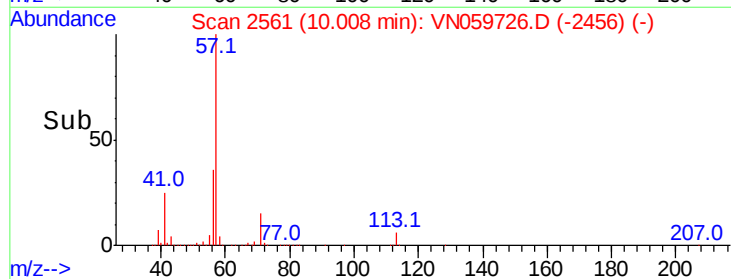
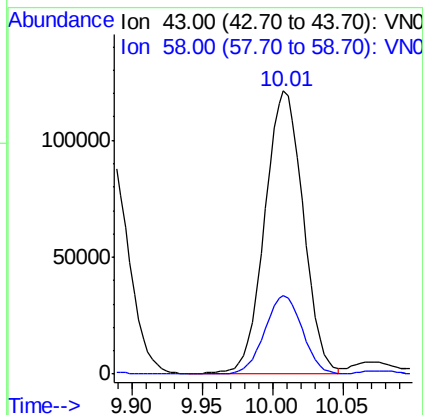
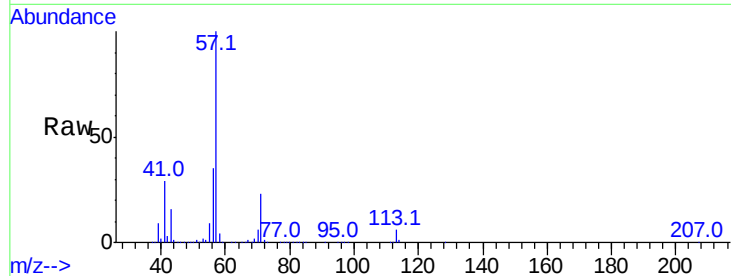
SB-04-2.5-3.0ME

Tgt Ion: 43 Resp: 227992

Ion Ratio Lower Upper

43 100

58 27.4 29.8 44.8#



#52

Toluene

Concen: 0.515 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059726.D

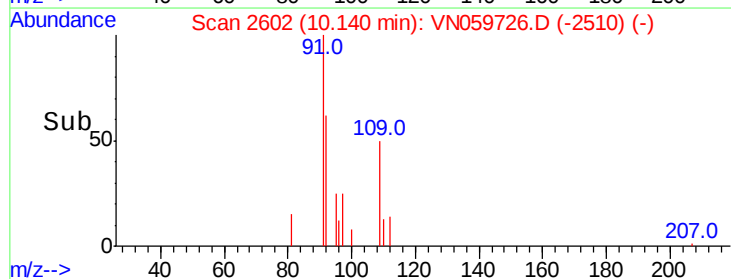
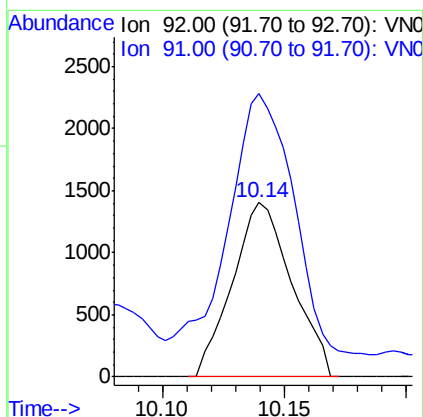
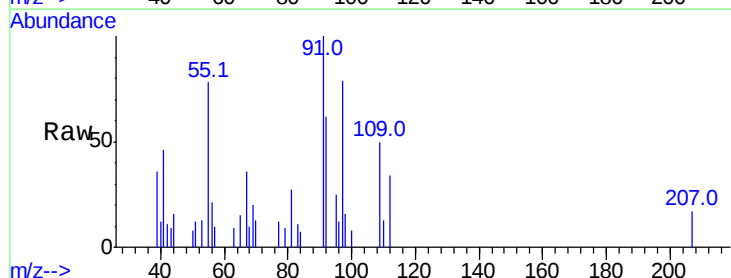
Acq: 16 Jan 2020 12:58

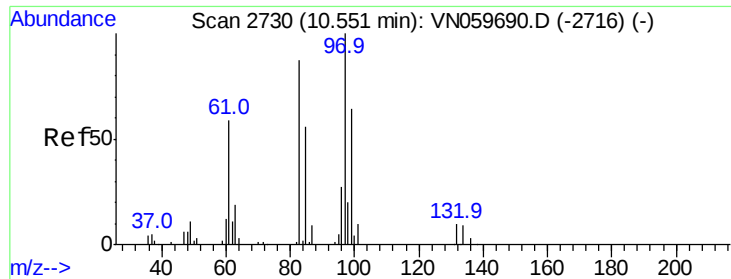
Tgt Ion: 92 Resp: 2368

Ion Ratio Lower Upper

92 100

91 162.6 140.4 210.6

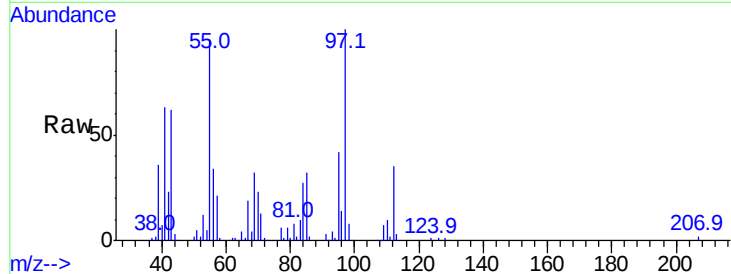




#55
1,1,2-Trichloroethane
Concen: 50.342 ug/l
RT: 10.52 min Scan# 2720
Delta R.T. -0.03 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion: 97 Resp: 91723
Ion Ratio Lower Upper
97 100
83 8.0 71.3 106.9#
85 32.4 45.8 68.8#
99 0.4 50.0 75.0#



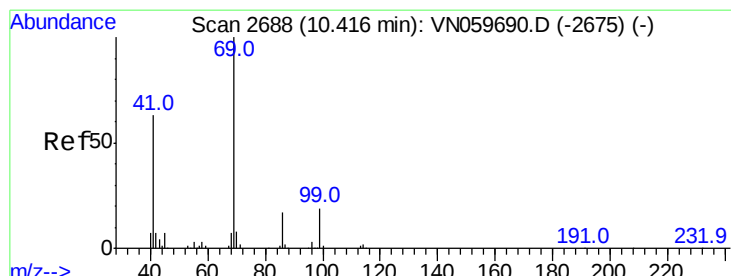
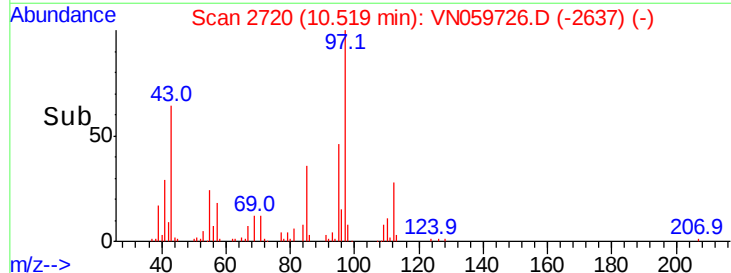
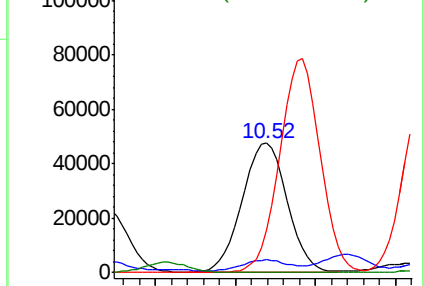
Abundance

Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

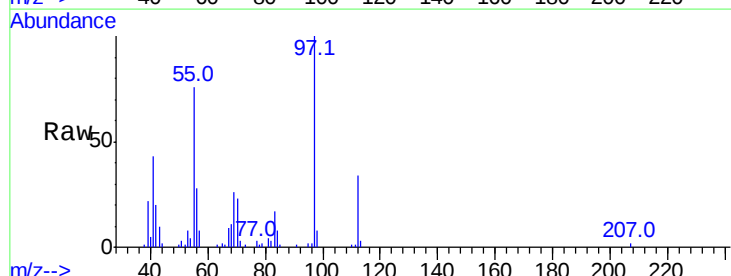
Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56
Ethyl methacrylate
Concen: 2.299 ug/l
RT: 10.42 min Scan# 2689
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 69 Resp: 6401
Ion Ratio Lower Upper
69 100
41 248.4 57.1 85.7#
39 91.2 34.7 52.1#

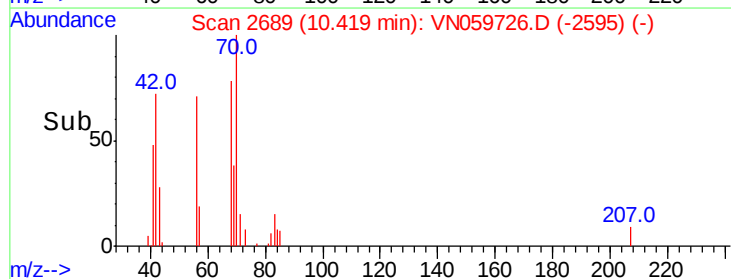
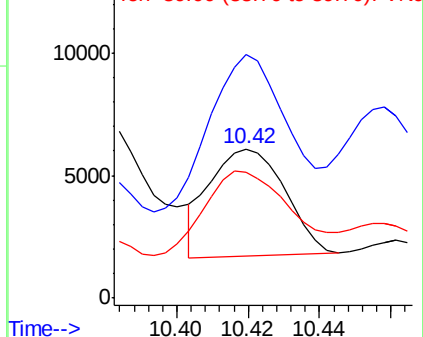


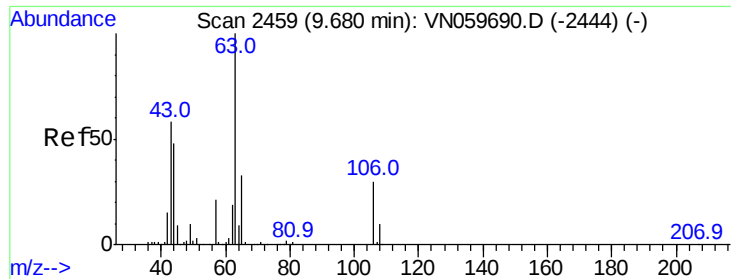
Abundance

Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

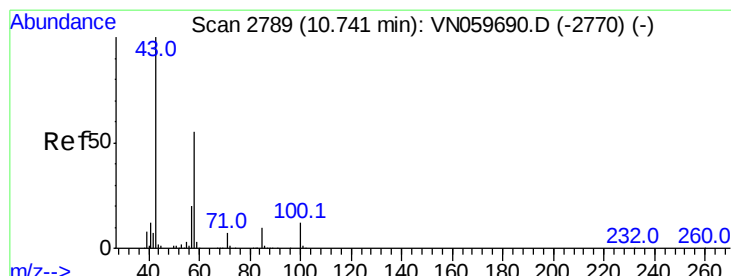
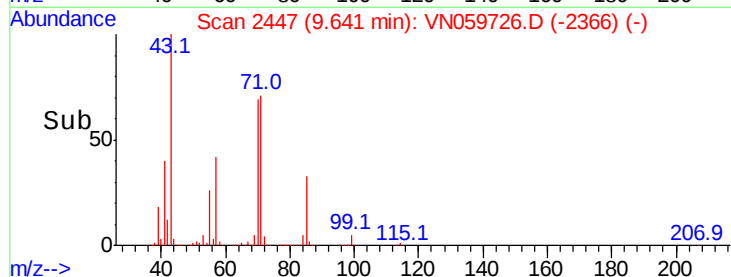
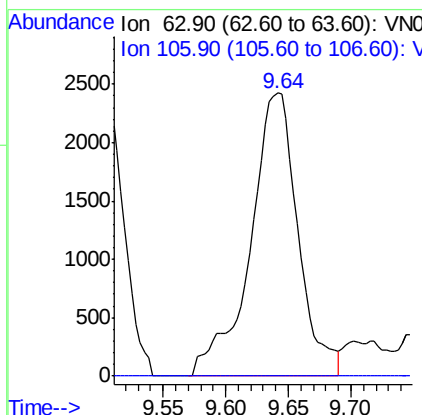
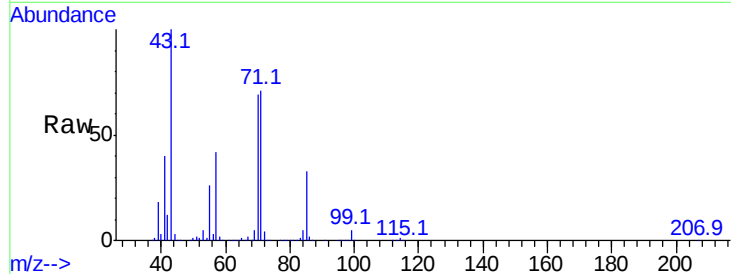




#58
2-Chloroethyl Vinyl ether
Concen: 7.682 ug/l
RT: 9.64 min Scan# 2447
Delta R.T. -0.04 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

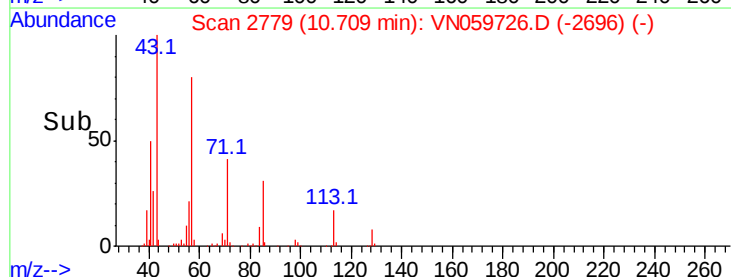
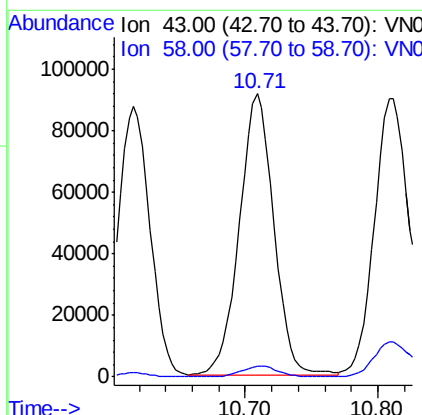
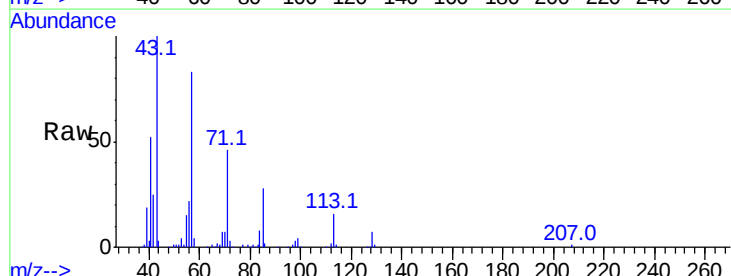
Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

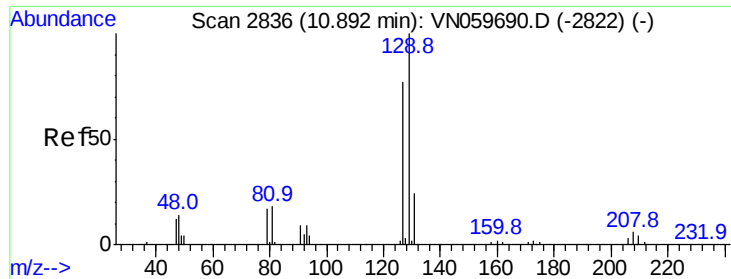
Tgt Ion: 63 Resp: 6442
Ion Ratio Lower Upper
63 100
106 0.0 20.2 30.2#



#59
2-Hexanone
Concen: 97.626 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.03 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 43 Resp: 163792
Ion Ratio Lower Upper
43 100
58 4.2 25.8 77.3#

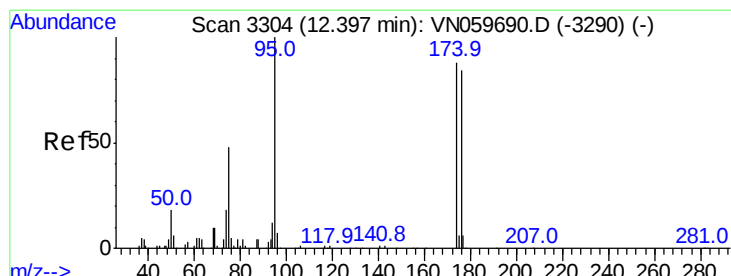
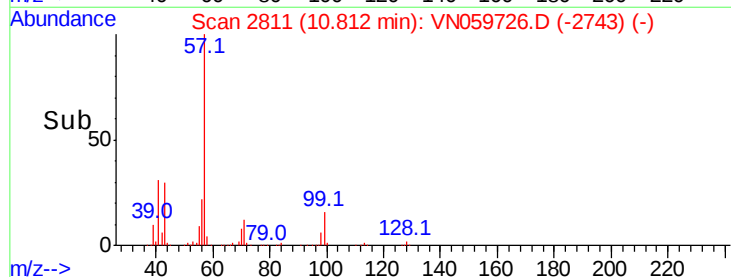
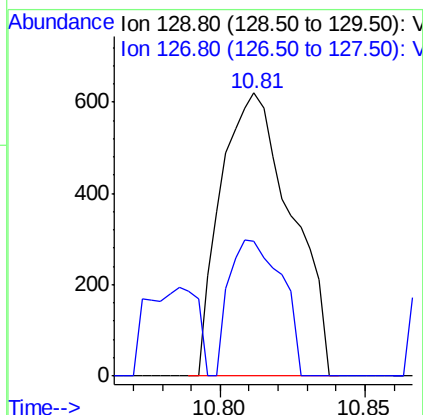
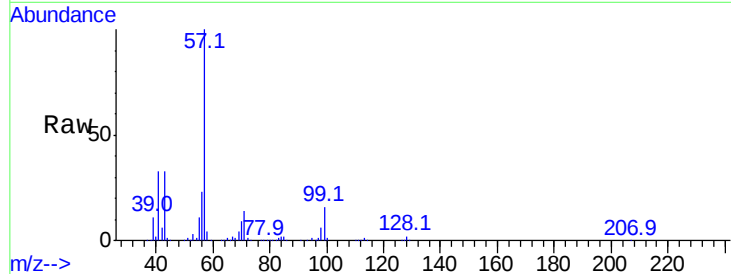




#60
Dibromochloromethane
Concen: 0.506 ug/l
RT: 10.81 min Scan# 2811
Delta R.T. -0.08 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

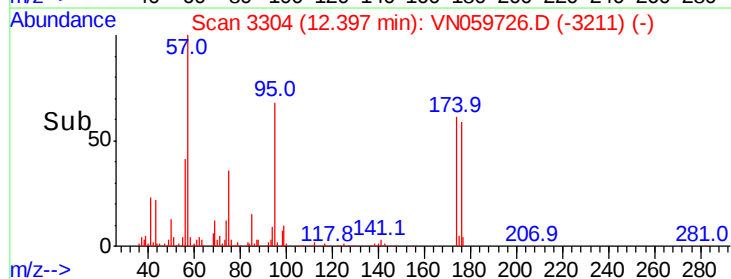
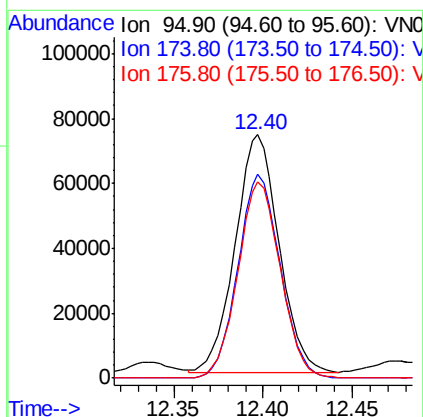
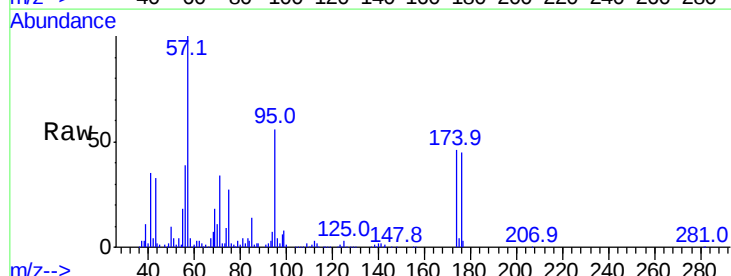
Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

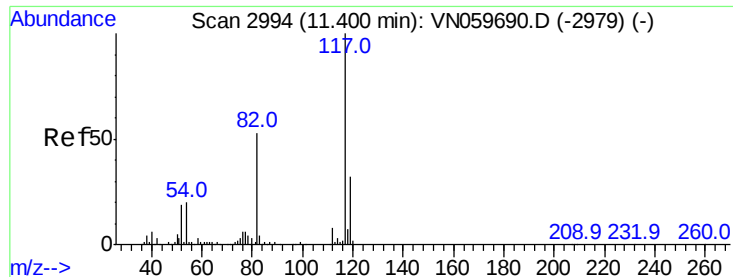
Tgt Ion: 129 Resp: 1049
Ion Ratio Lower Upper
129 100
127 35.7 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 53.565 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 95 Resp: 125117
Ion Ratio Lower Upper
95 100
174 83.3 0.0 151.4
176 80.7 0.0 146.0

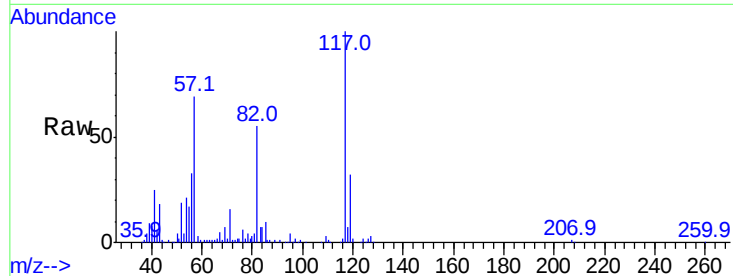




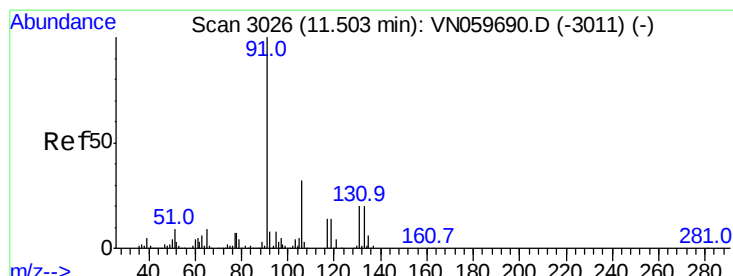
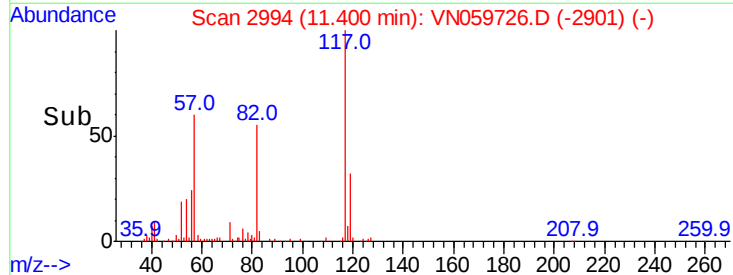
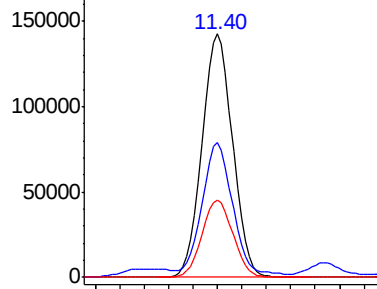
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion: 117 Resp: 248073
Ion Ratio Lower Upper
117 100
82 52.0 45.9 68.9
119 31.8 25.5 38.3

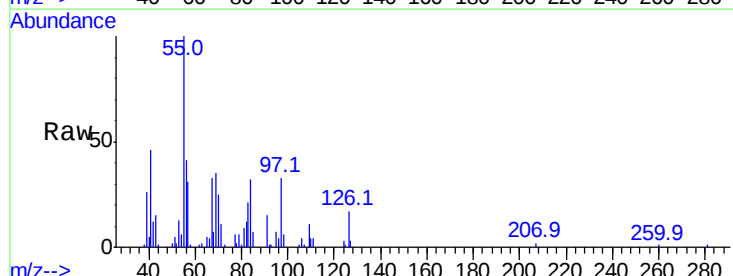


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

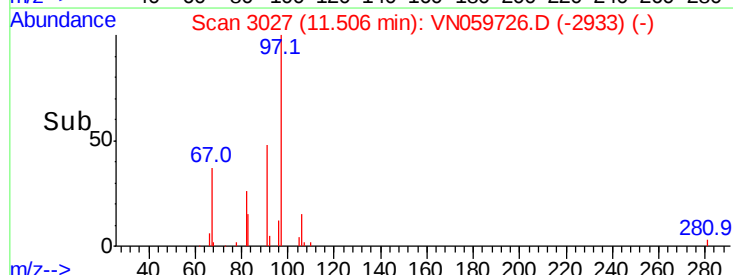
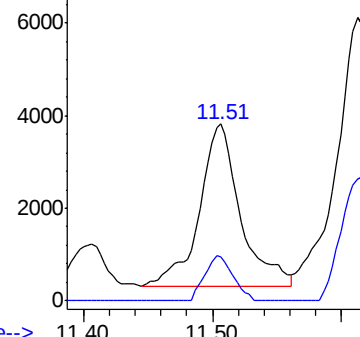


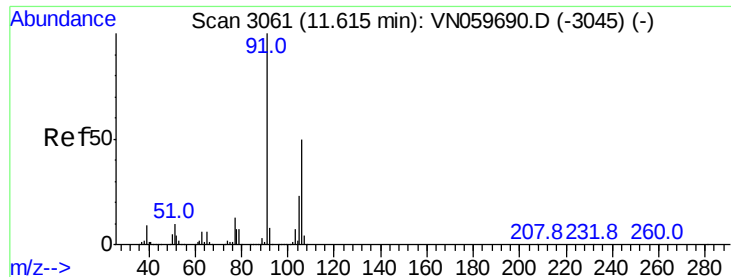
#67
Ethyl Benzene
Concen: 0.883 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 91 Resp: 7815
Ion Ratio Lower Upper
91 100
106 27.2 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V

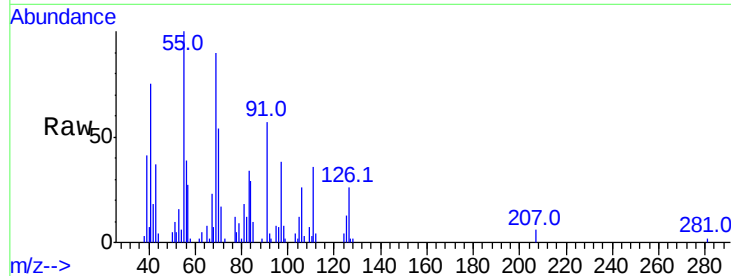




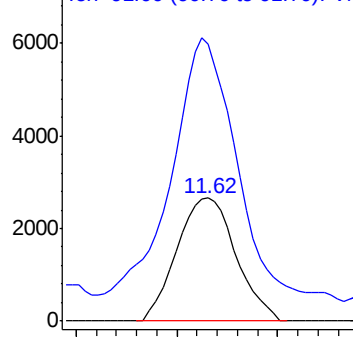
#68
m/p-Xylenes
Concen: 1.625 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

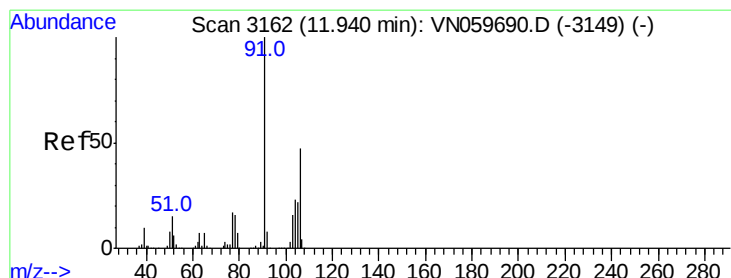
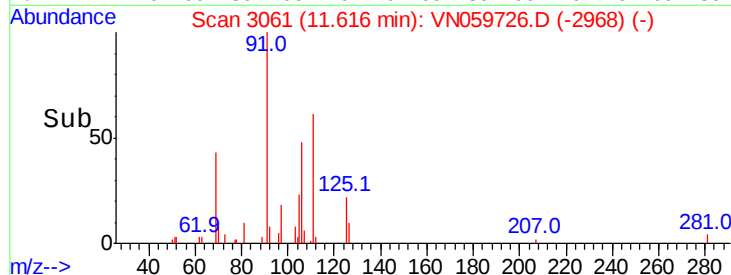
Tgt Ion:106 Resp: 5433
Ion Ratio Lower Upper
106 100
91 242.4 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

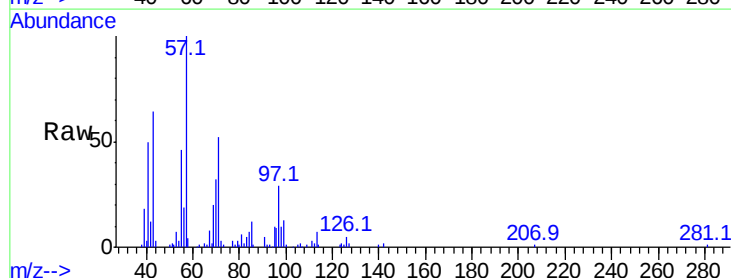


Time-->

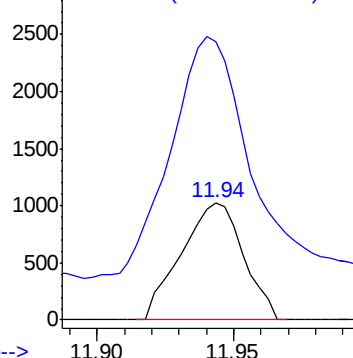


#69
o-Xylene
Concen: 0.496 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

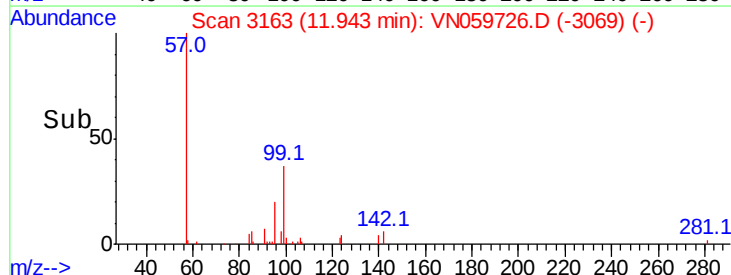
Tgt Ion:106 Resp: 1623
Ion Ratio Lower Upper
106 100
91 270.7 110.3 330.9

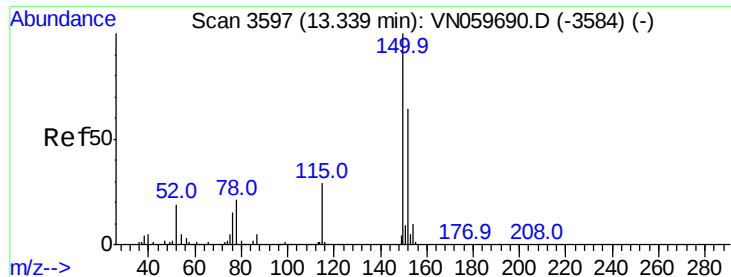


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

SB-04-2.5-3.0ME

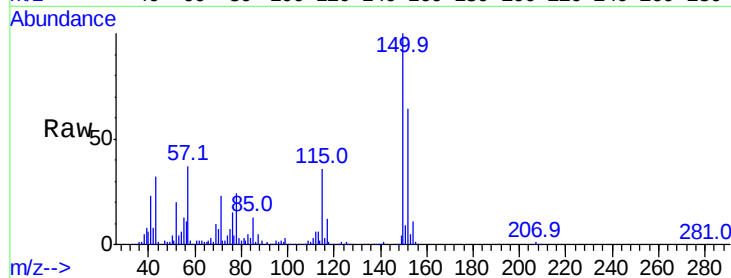
Tgt Ion:152 Resp: 127030

Ion Ratio Lower Upper

152 100

115 56.2 30.3 90.9

150 155.3 0.0 345.2

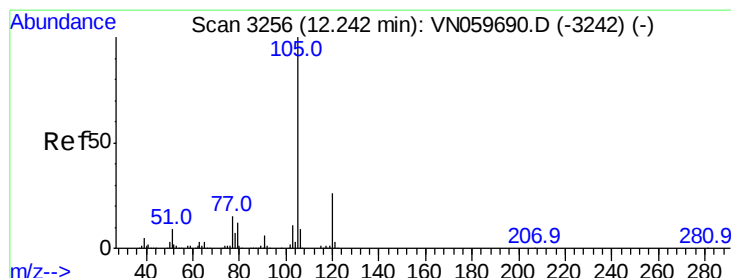
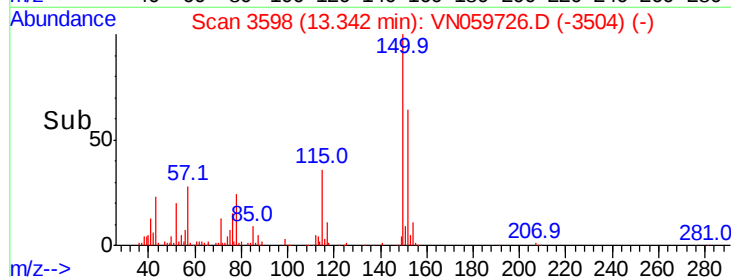
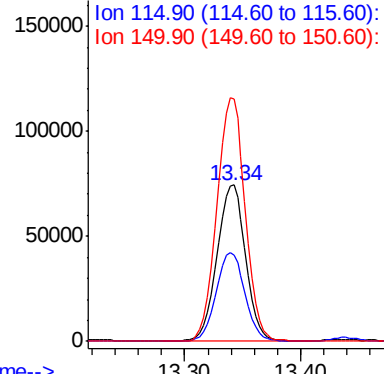


Abundance

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: 15.048 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059726.D

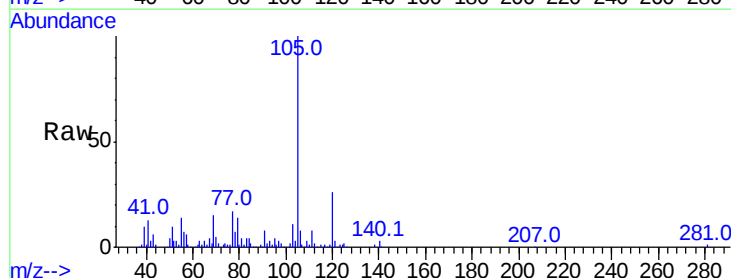
Acq: 16 Jan 2020 12:58

Tgt Ion:105 Resp: 140188

Ion Ratio Lower Upper

105 100

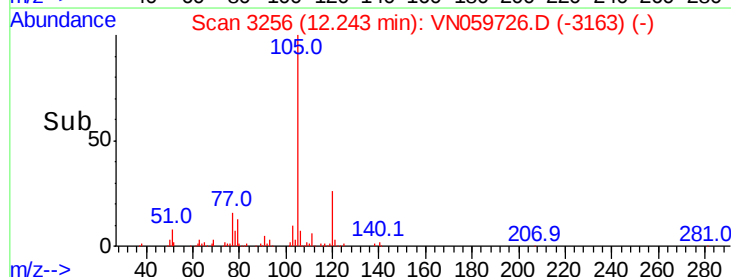
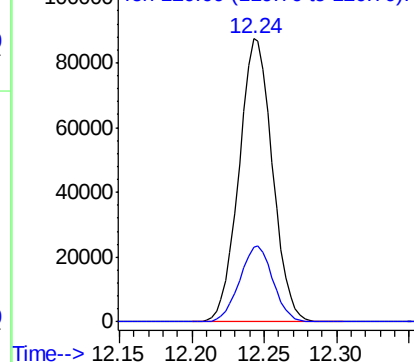
120 26.6 13.2 39.5

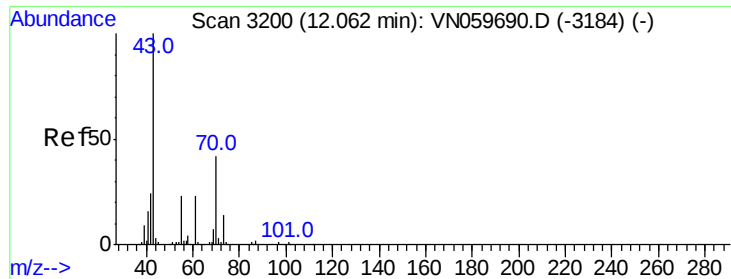


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 35.366 ug/l

RT: 12.04 min Scan# 3192

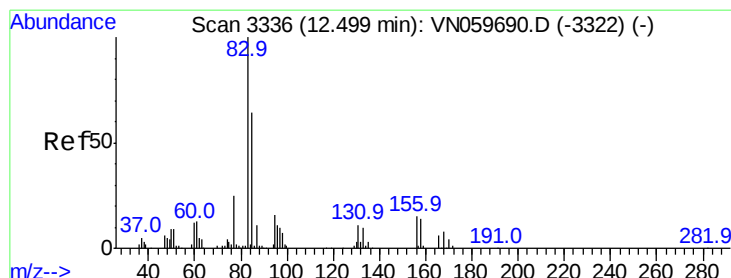
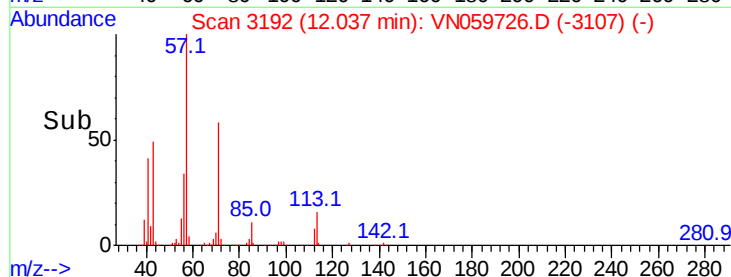
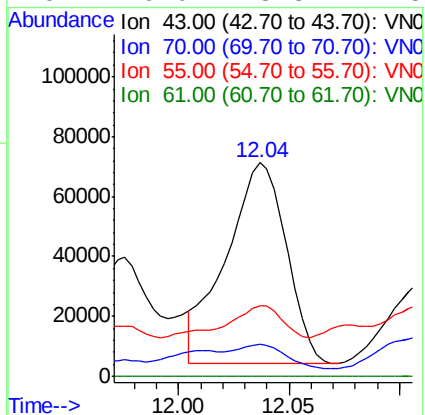
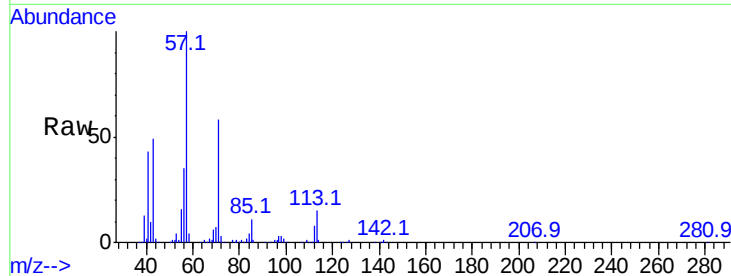
Delta R.T. -0.03 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion:	43	Resp:	127850
Ion	Ratio	Lower	Upper
43	100		
70	8.9	31.3	46.9#
55	11.5	19.8	29.6#
61	0.0	18.3	27.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.749 ug/l

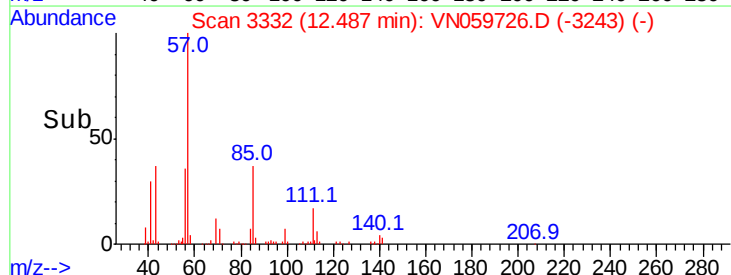
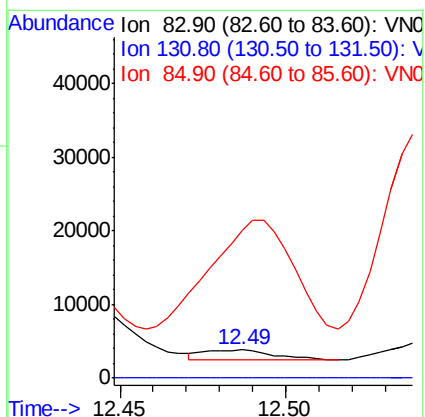
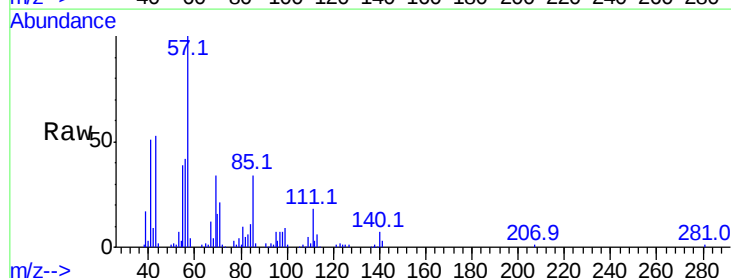
RT: 12.49 min Scan# 3332

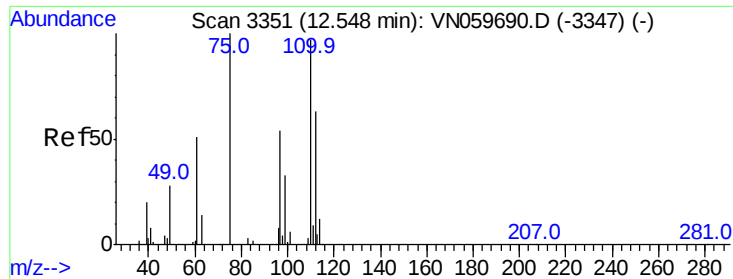
Delta R.T. -0.01 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Tgt Ion:	83	Resp:	2023
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	2195.5	31.9	95.5#

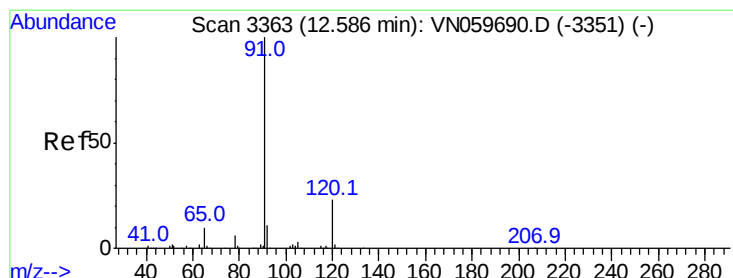
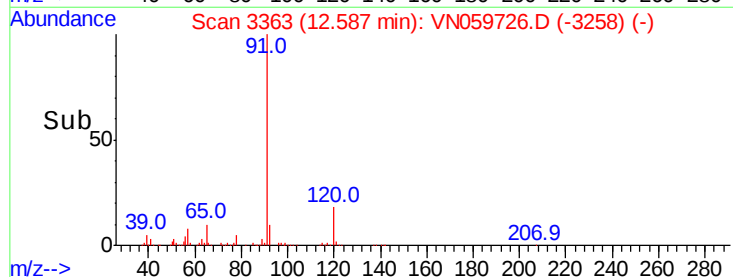
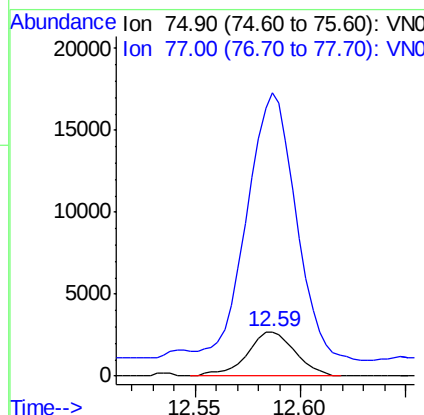
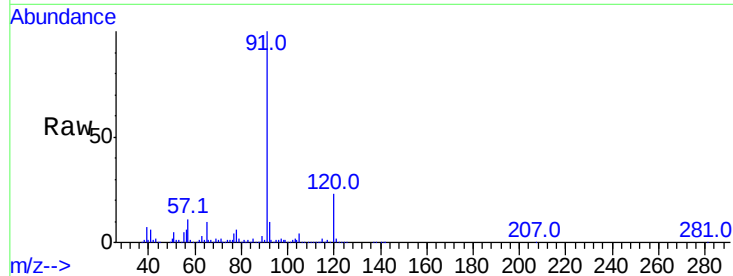




#76
1,2,3-Trichloropropane
Concen: 2.023 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.04 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

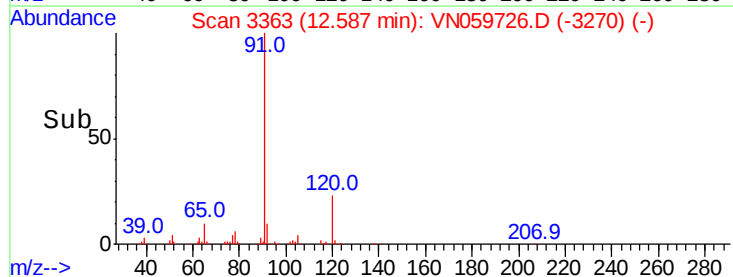
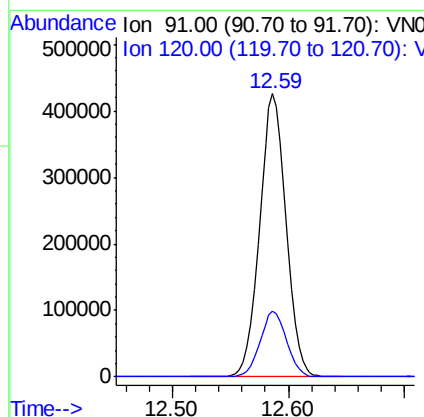
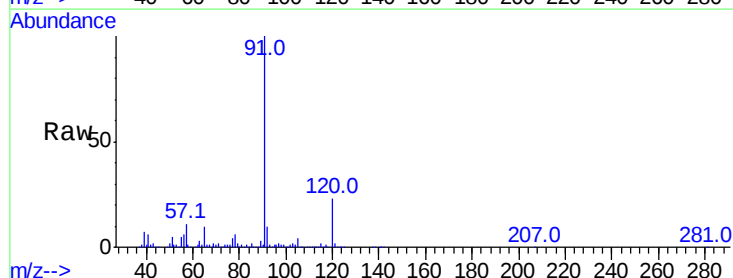
Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

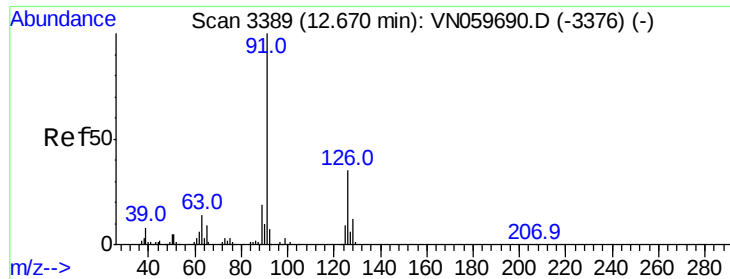
Tgt Ion: 75 Resp: 4325
Ion Ratio Lower Upper
75 100
77 612.6 0.0 0.0#



#78
n-propylbenzene
Concen: 64.487 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 91 Resp: 674321
Ion Ratio Lower Upper
91 100
120 23.3 11.1 33.3

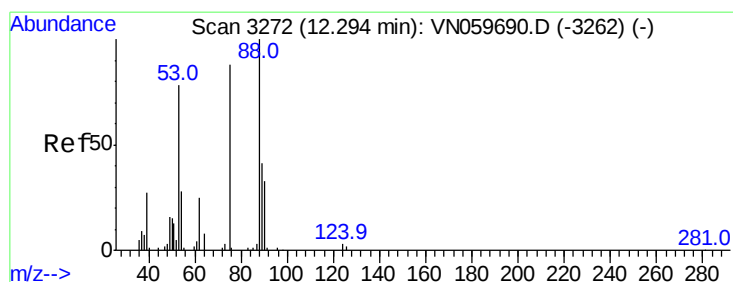
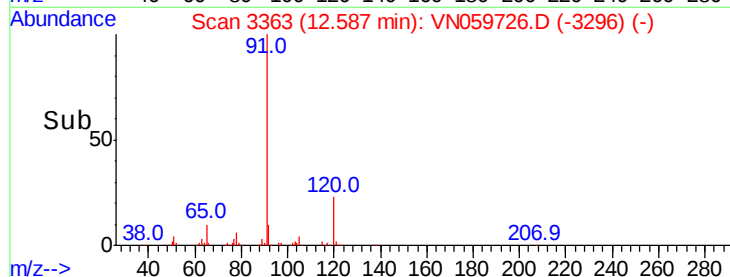
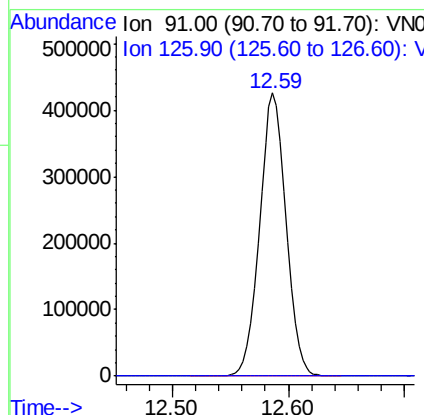
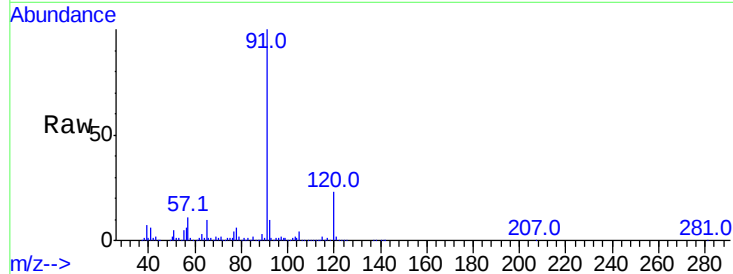




#79
2-Chlorotoluene
Concen: 108.401 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. -0.08 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

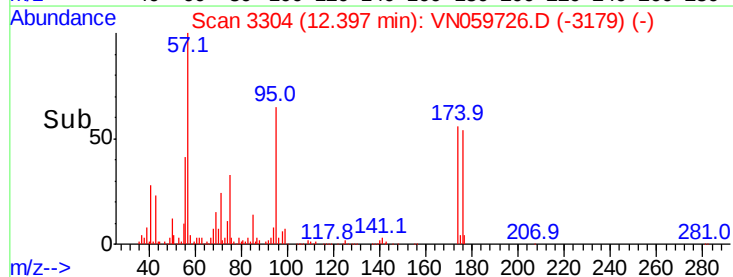
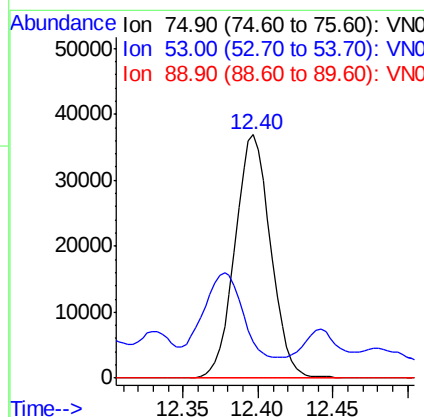
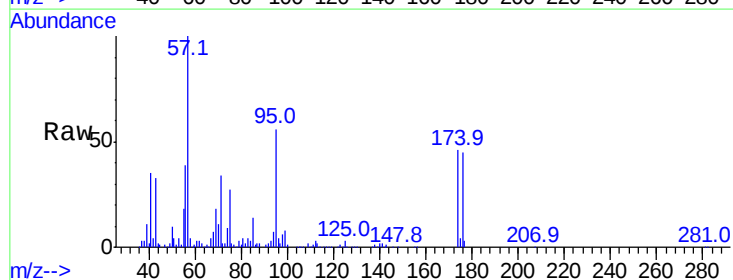
Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

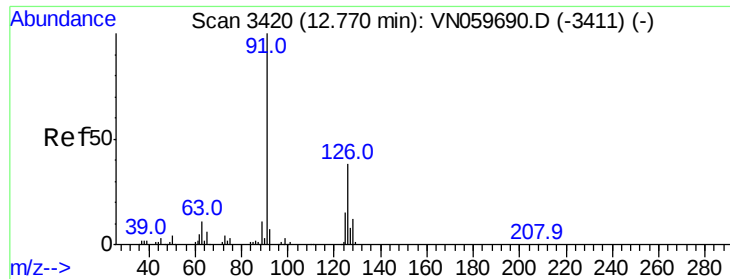
Tgt Ion: 91 Resp: 674321
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.406 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 75 Resp: 61128
Ion Ratio Lower Upper
75 100
53 37.1 78.1 117.1#
89 0.0 35.4 53.2#

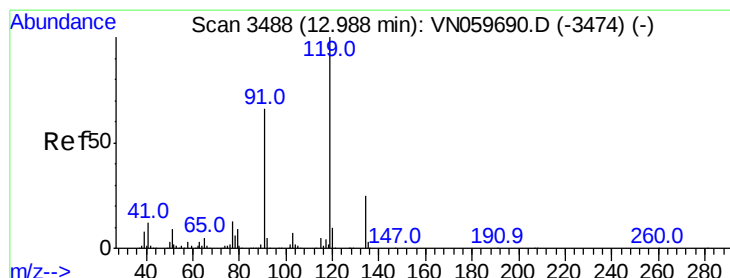
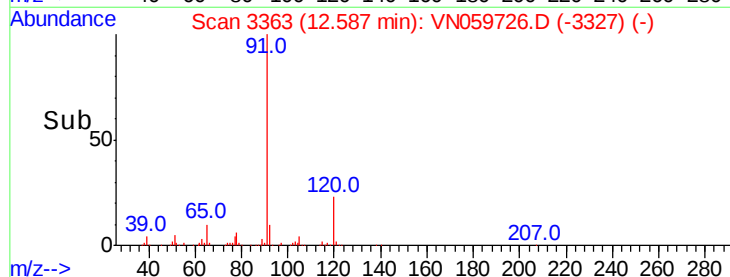
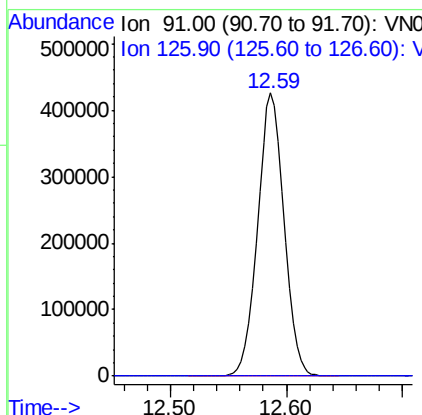
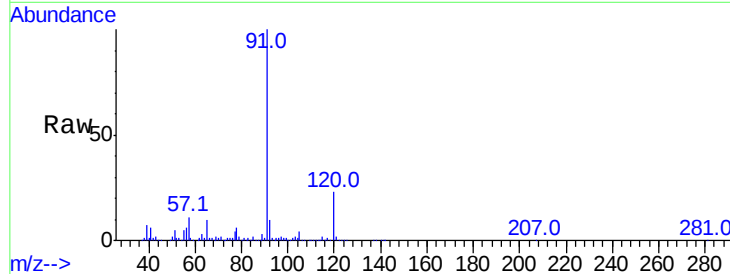




#82
4-Chlorotoluene
Concen: 108.075 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. -0.18 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

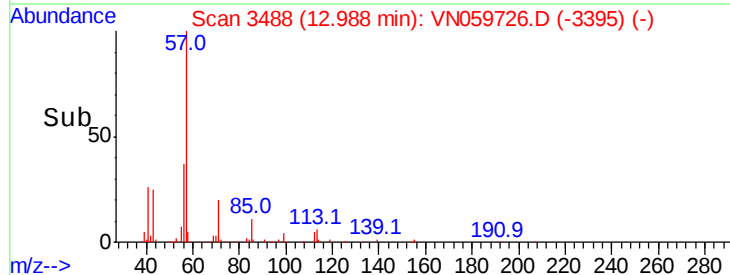
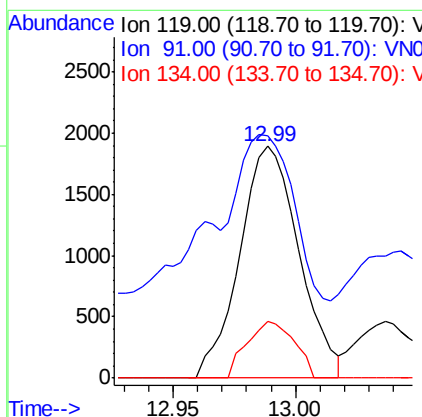
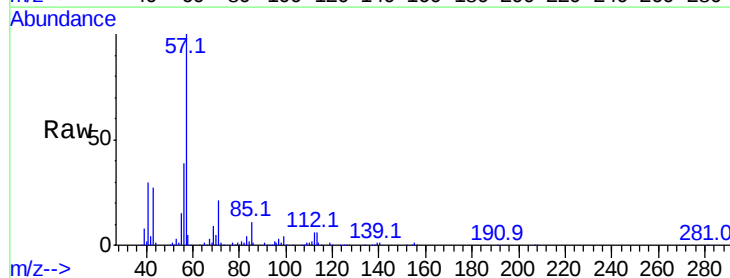
Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

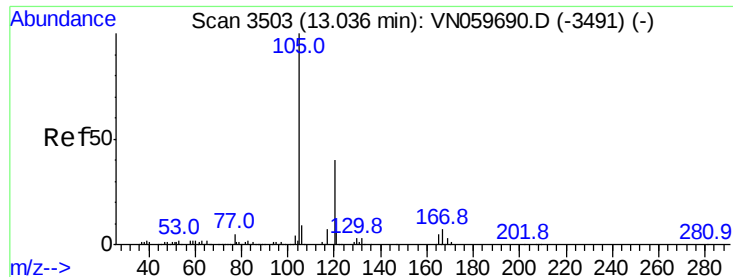
Tgt Ion: 91 Resp: 674321
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#83
tert-Butylbenzene
Concen: 0.471 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 119 Resp: 3195
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.4#
134 0.0 12.3 36.9#

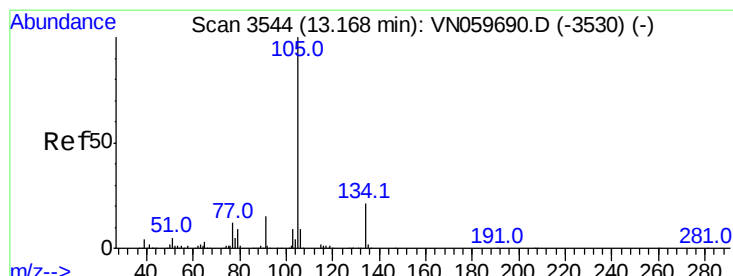
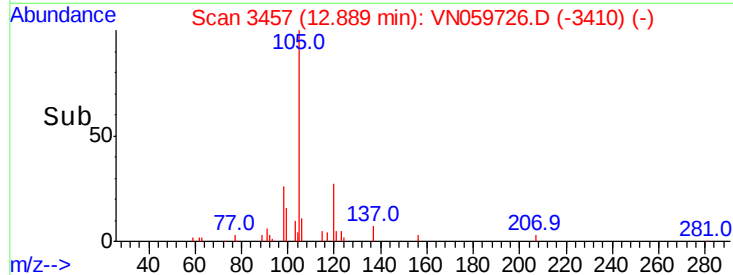
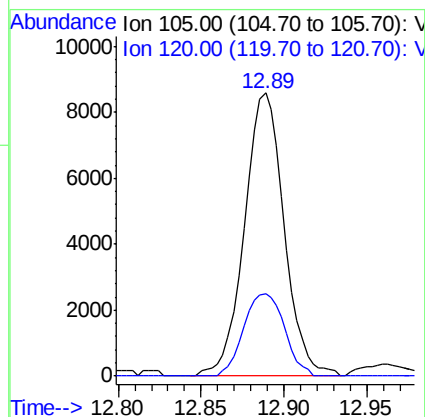
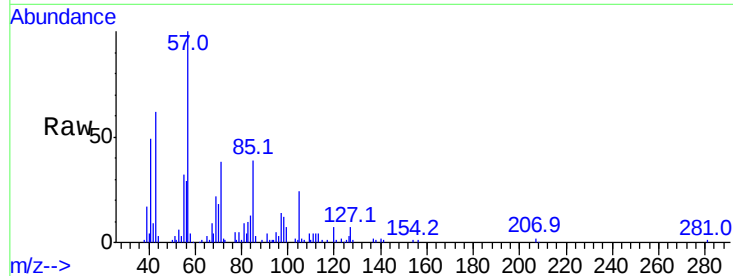




#84
 1,2,4-Trimethylbenzene
 Concen: 1.849 ug/l
 RT: 12.89 min Scan# 3457
 Delta R.T. -0.15 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

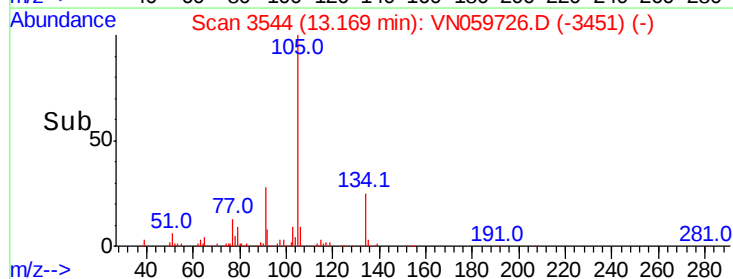
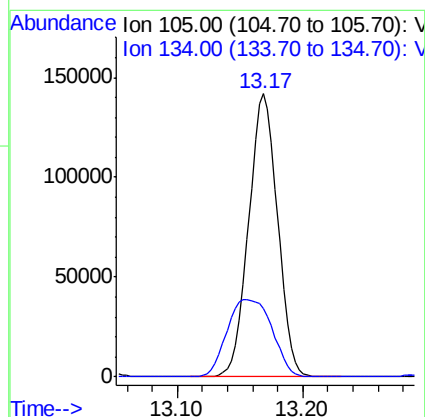
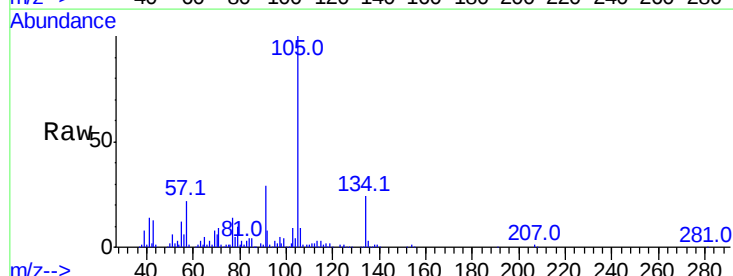
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-04-2.5-3.0ME

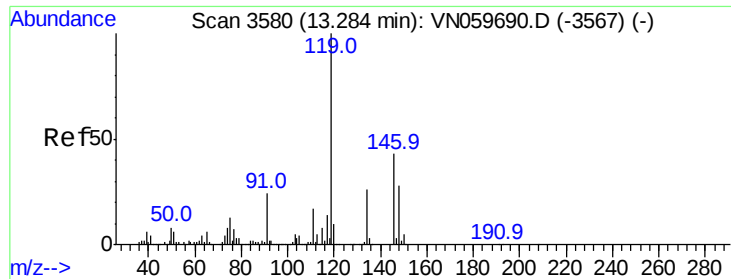
Tgt Ion:105 Resp: 14330
 Ion Ratio Lower Upper
 105 100
 120 30.0 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 25.612 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059726.D
 Acq: 16 Jan 2020 12:58

Tgt Ion:105 Resp: 228028
 Ion Ratio Lower Upper
 105 100
 134 42.4 9.8 29.5#

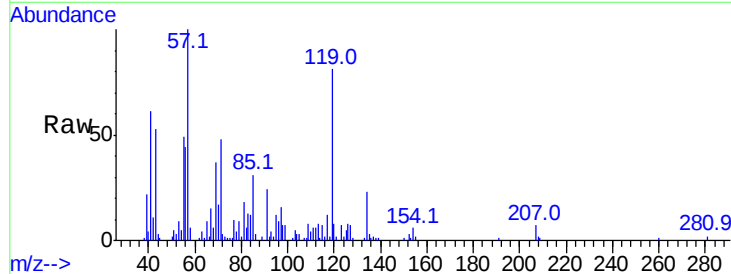




#86
p-Isopropyltoluene
Concen: 3.884 ug/l
RT: 13.44 min Scan# 3628
Delta R.T. 0.15 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
SB-04-2.5-3.0ME

Tgt Ion: 119 Resp: 32000
Ion Ratio Lower Upper
119 100
134 28.4 12.9 38.7
91 23.7 12.4 37.4

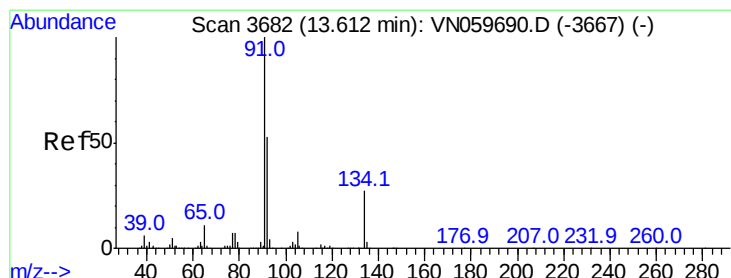
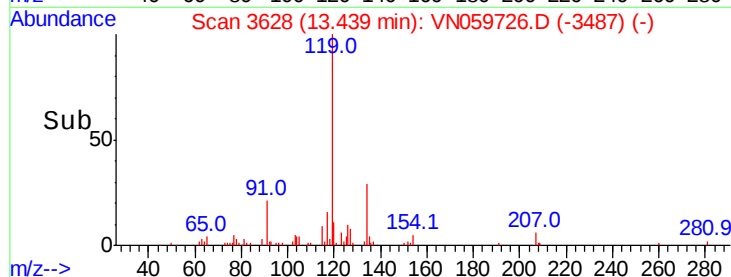
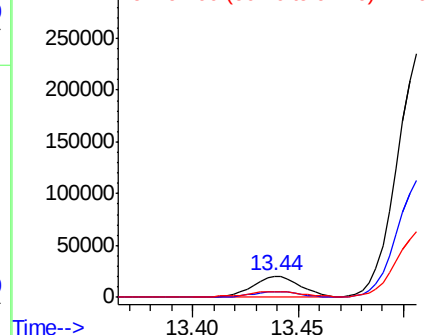


Abundance

Ion 119.00 (118.70 to 119.70): V

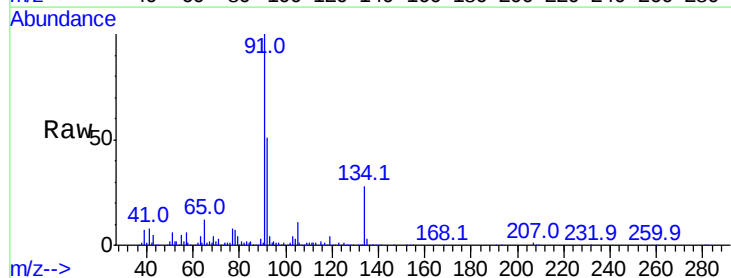
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
n-Butylbenzene
Concen: 48.322 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion: 91 Resp: 339413
Ion Ratio Lower Upper
91 100
92 46.9 25.9 77.7
134 41.1 12.3 36.8#

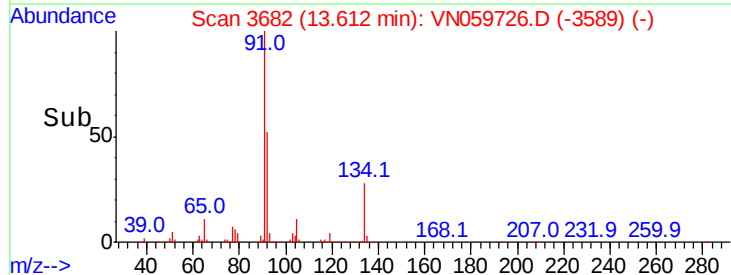
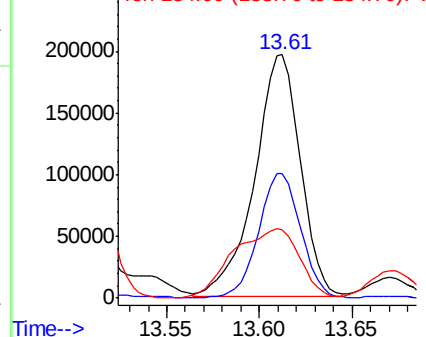


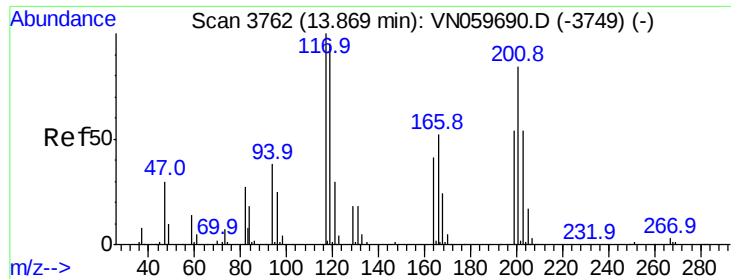
Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 101.301 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.02 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

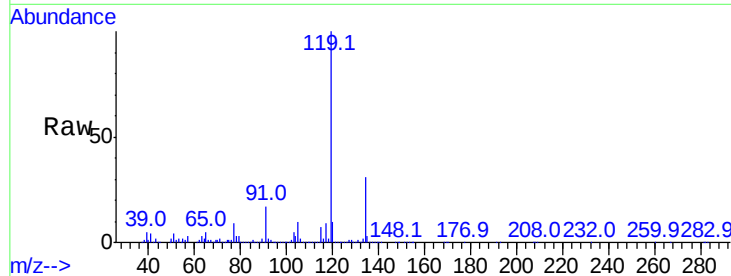
SB-04-2.5-3.0ME

Tgt Ion:117 Resp: 156136

Ion Ratio Lower Upper

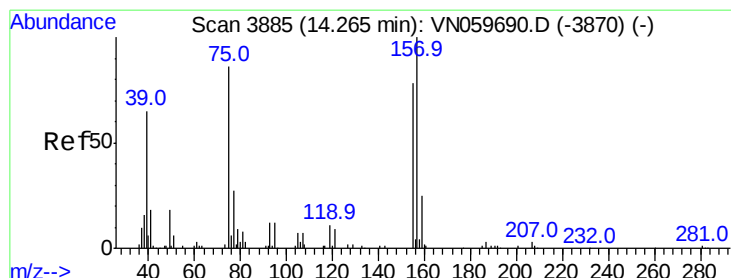
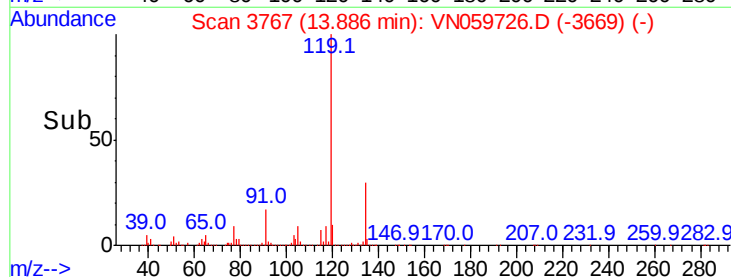
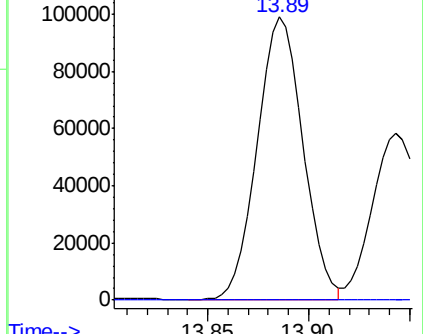
117 100

201 0.0 37.8 113.4#



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: 2.469 ug/l

RT: 14.29 min Scan# 3892

Delta R.T. 0.02 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

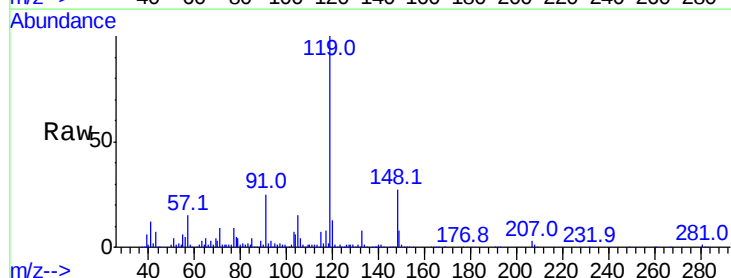
Tgt Ion: 75 Resp: 2582

Ion Ratio Lower Upper

75 100

155 3.6 37.0 110.9#

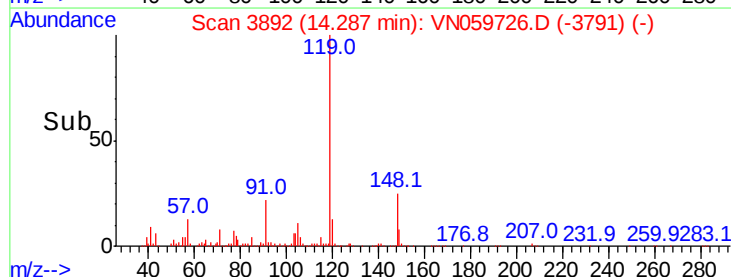
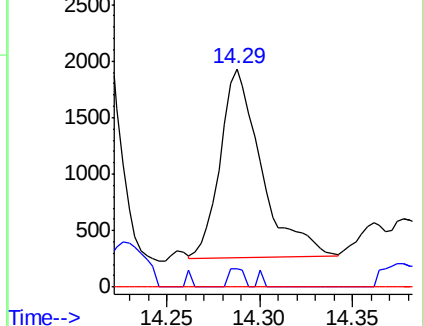
157 0.0 48.4 145.2#

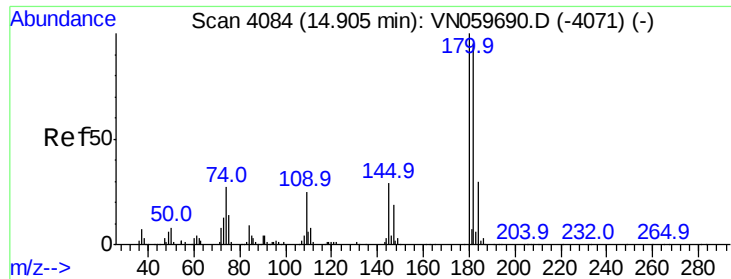


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 1.002 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

SB-04-2.5-3.0ME

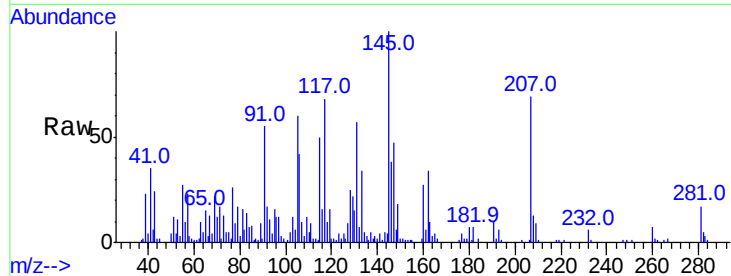
Tgt Ion:180 Resp: 2440

Ion Ratio Lower Upper

180 100

182 88.5 46.9 140.7

145 0.0 15.0 45.1#

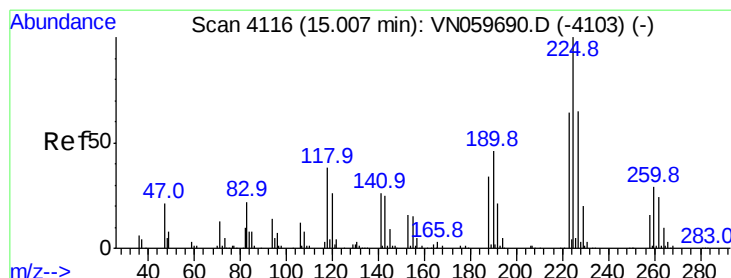
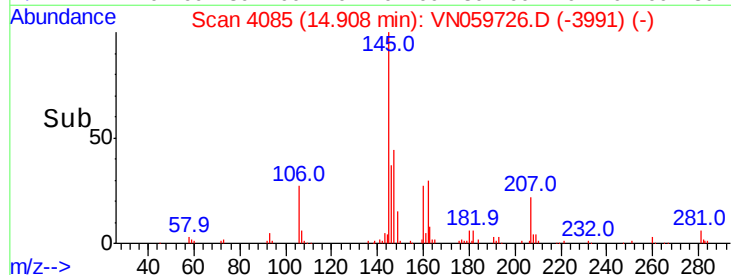
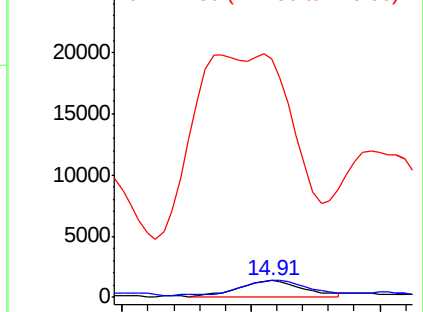


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.435 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN059726.D

Acq: 16 Jan 2020 12:58

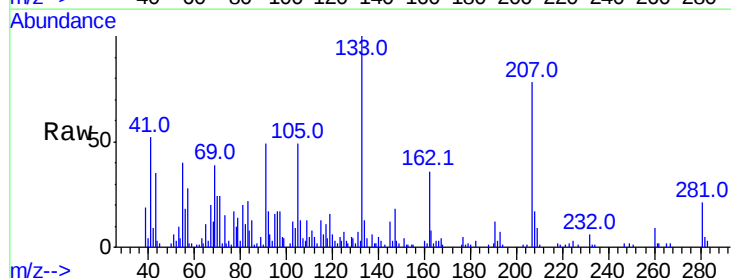
Tgt Ion:225 Resp: 584

Ion Ratio Lower Upper

225 100

223 74.1 31.8 95.3

227 56.3 32.1 96.5

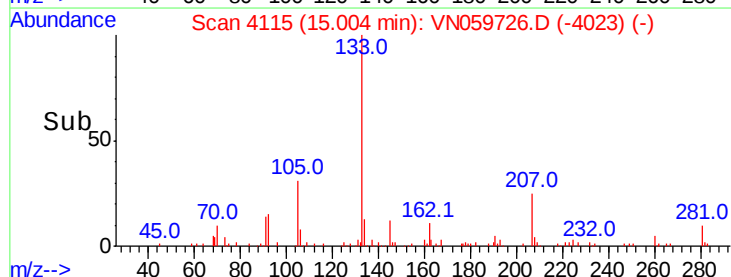
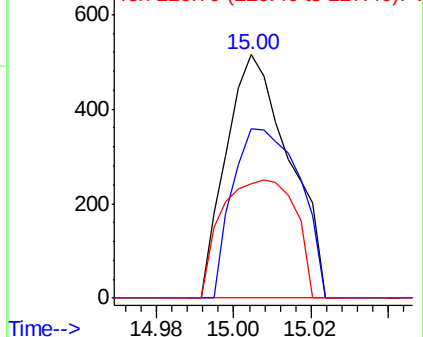


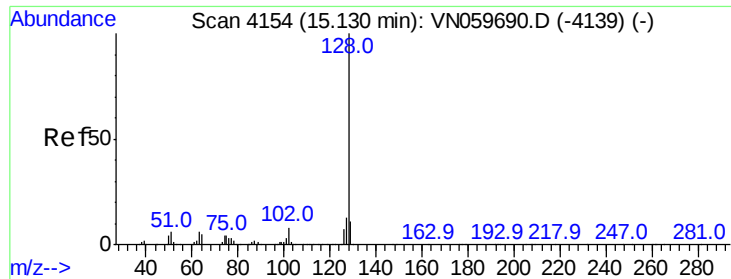
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

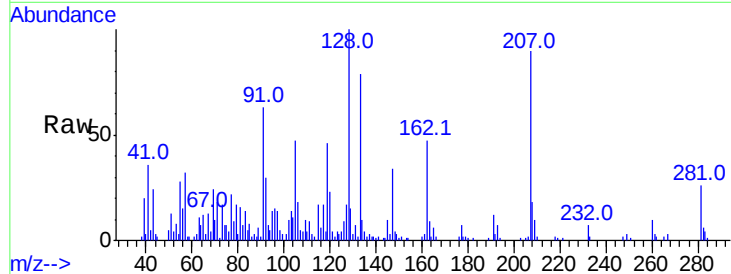




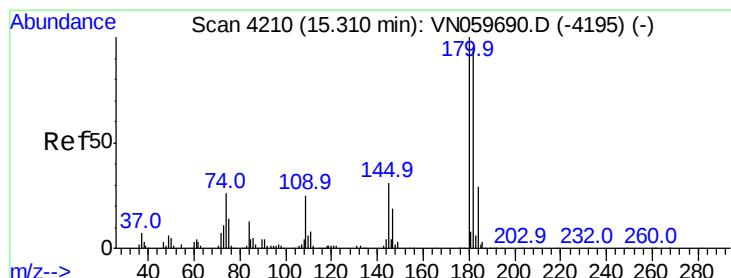
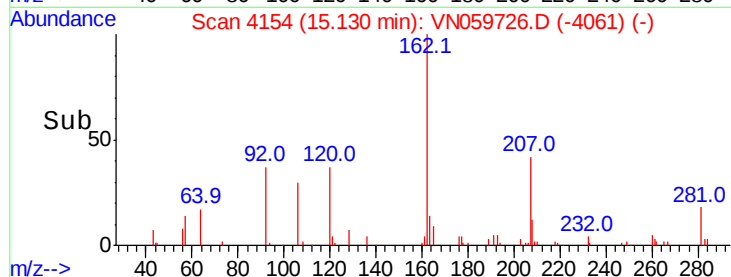
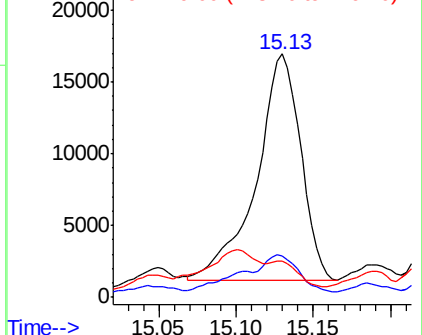
#95
Naphthalene
Concen: 4.543 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Instrument :
MSVOA_N
ClientSampled :
SB-04-2.5-3.0ME

Tgt Ion:128 Resp: 31457
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 0.0 8.6 12.8#

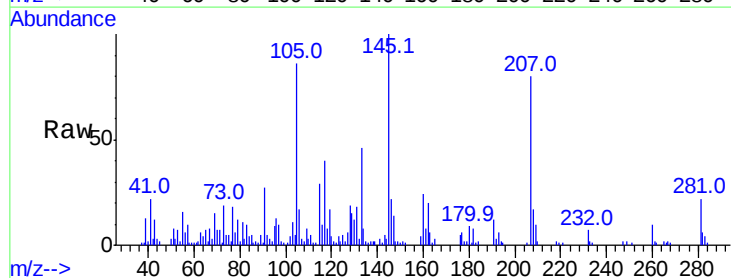


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.484 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059726.D
Acq: 16 Jan 2020 12:58

Tgt Ion:180 Resp: 3517
Ion Ratio Lower Upper
180 100
182 84.4 47.4 142.3
145 905.3 16.3 48.9#



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

