

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059742.D
 Acq On : 16 Jan 2020 19:12
 Operator : JC/MD
 Sample : L1136-04ME
 Misc : 7.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB457_200113_23-25ME

Quant Time: Jan 17 04:39:29 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

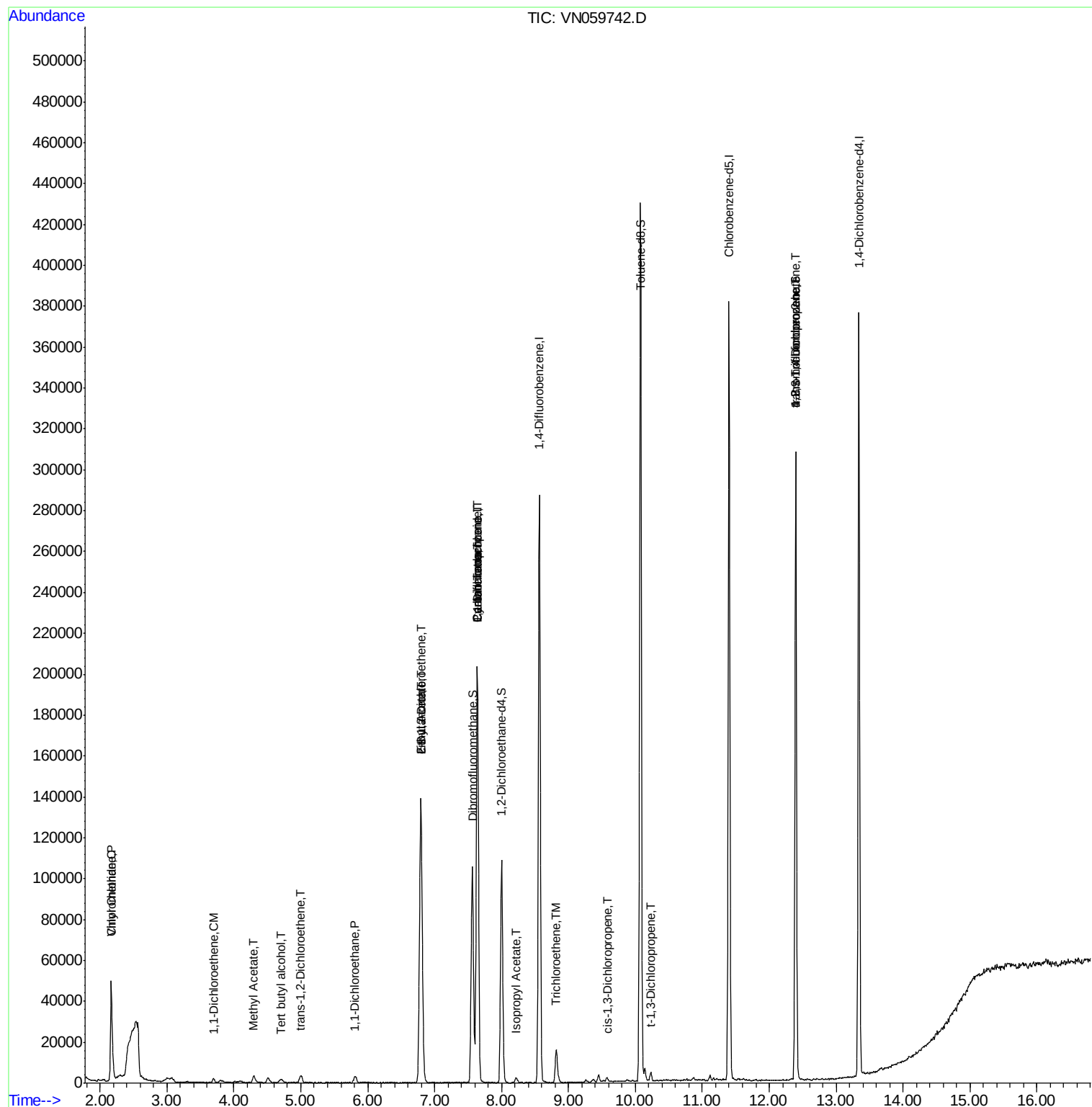
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	265173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	226201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	91300	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
35) Dibromofluoromethane	7.56	113	80924	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.08	98	302253	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.40	95	103254	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.17	50	463	0.229	ug/l #	42
4) Vinyl Chloride	2.17	62	51398	22.208	ug/l	97
11) Tert butyl alcohol	4.70	59	1080	3.270	ug/l #	72
12) 1,1-Dichloroethene	3.70	96	1034	0.640	ug/l #	74
16) Acetone	3.80	43	2582	Below Cal		91
18) Methyl Acetate	4.30	43	6805	2.969	ug/l	97
20) Methylene Chloride	4.52	84	2141	Below Cal	#	78
21) trans-1,2-Dichloroethene	5.00	96	2622	1.526	ug/l	92
24) 1,1-Dichloroethane	5.81	63	6031	1.999	ug/l #	85
25) 2-Butanone	6.81	43	848	0.763	ug/l #	64
27) cis-1,2-Dichloroethene	6.80	96	98399	49.790	ug/l	77
31) Cyclohexane	7.64	56	3378	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11658	5.048	ug/l #	51
37) Ethyl Acetate	6.81	43	848	0.392	ug/l #	1
38) Carbon Tetrachloride	7.63	117	15834	6.303	ug/l #	16
43) Isopropyl Acetate	8.21	43	1229	0.330	ug/l #	56
44) Trichloroethene	8.81	130	6420	3.415	ug/l	87
53) t-1,3-Dichloropropene	10.23	75	3219	1.190	ug/l #	43
54) cis-1,3-Dichloropropene	9.58	75	1612	0.566	ug/l #	30
76) 1,2,3-Trichloropropane	12.40	75	51445	30.132	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	51445	64.708	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.26	75	143	Below Cal	#	6

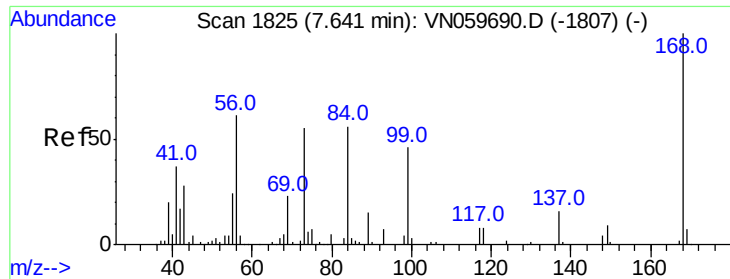
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
Data File : VN059742.D
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Sample : L1136-04ME
Misc : 7.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

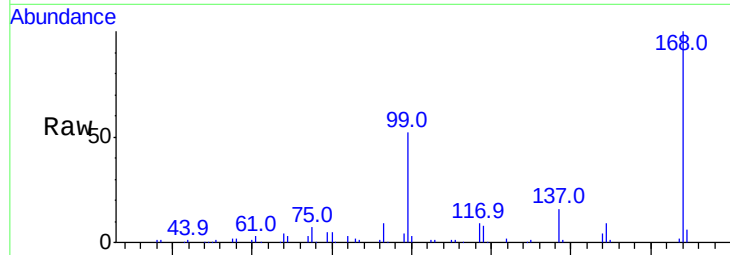
WP022SB457_200113_23-25ME

Tgt Ion:168 Resp: 176681

Ion Ratio Lower Upper

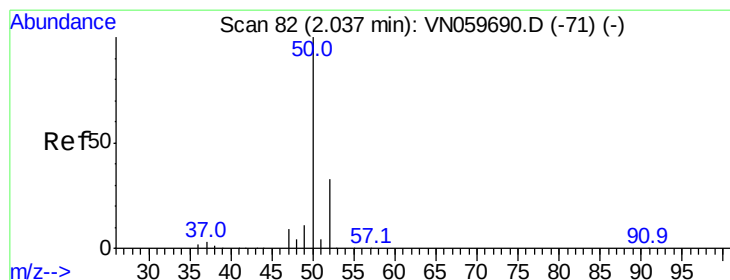
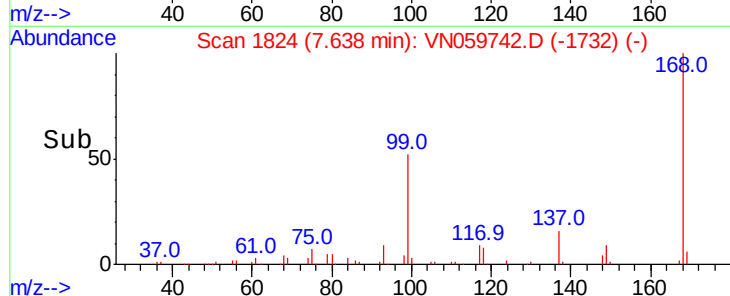
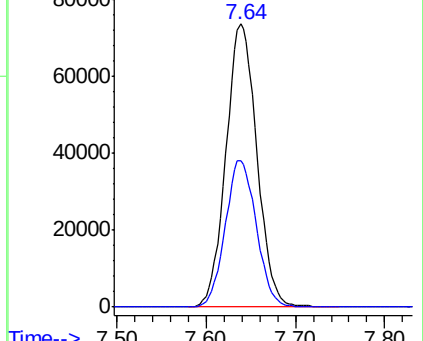
168 100

99 51.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.229 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.13 min

Lab File: VN059742.D

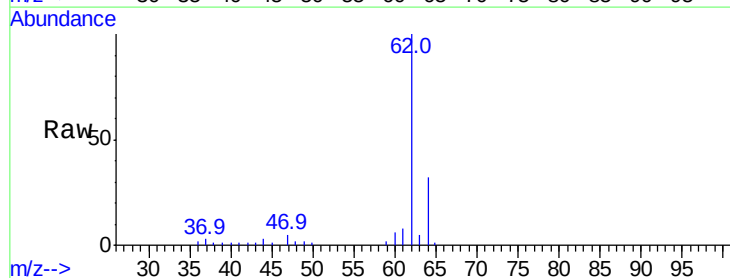
Acq: 16 Jan 2020 19:12

Tgt Ion: 50 Resp: 463

Ion Ratio Lower Upper

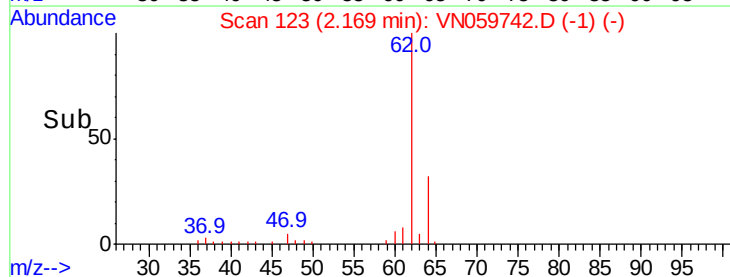
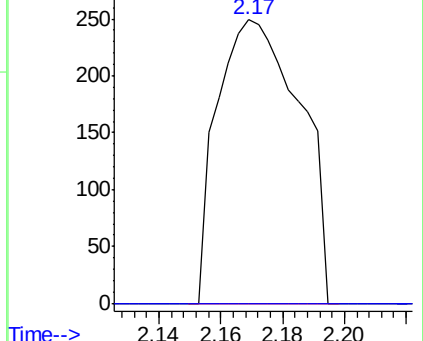
50 100

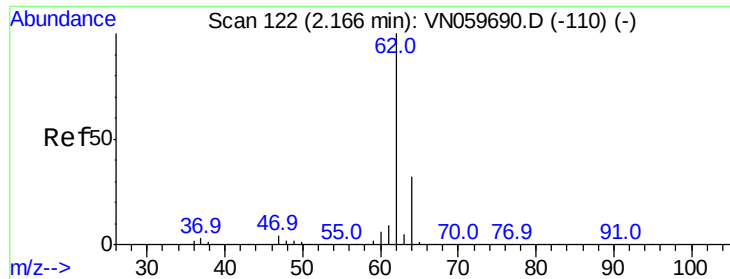
52 0.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#4

Vinyl Chloride

Concen: 22.208 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

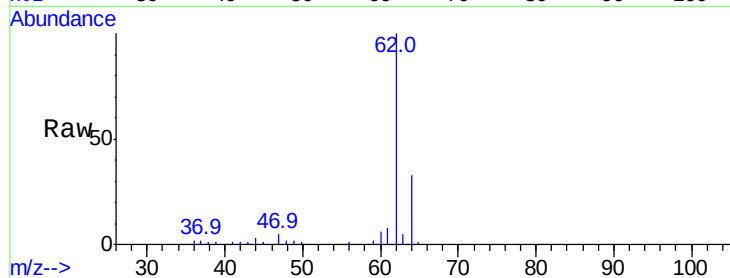
WP022SB457_200113_23-25ME

Tgt Ion: 62 Resp: 51398

Ion Ratio Lower Upper

62 100

64 32.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

30000

25000

20000

15000

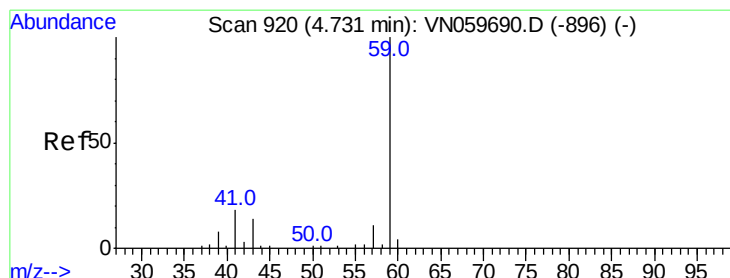
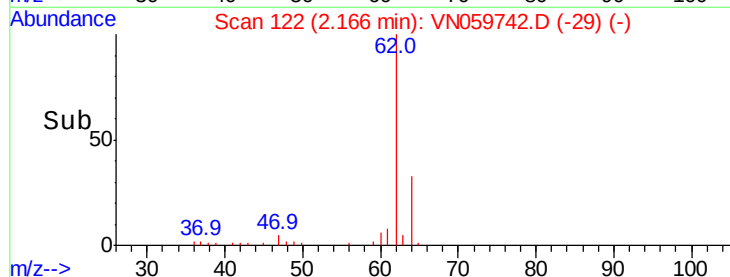
10000

5000

0

Time-->

2.10 2.15 2.20 2.25



#11

Tert butyl alcohol

Concen: 3.270 ug/l

RT: 4.70 min Scan# 911

Delta R.T. -0.03 min

Lab File: VN059742.D

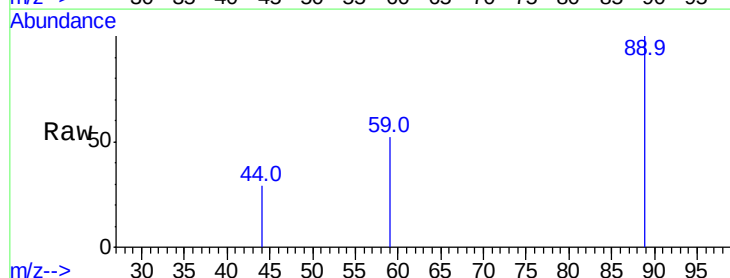
Acq: 16 Jan 2020 19:12

Tgt Ion: 59 Resp: 1080

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.70

600

500

400

300

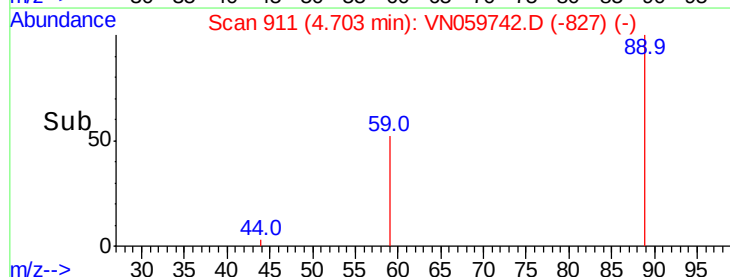
200

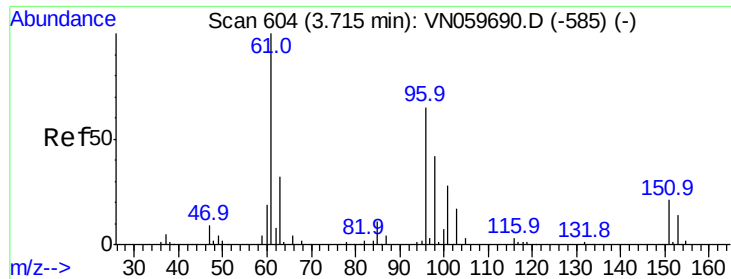
100

0

Time-->

4.64 4.66 4.68 4.70 4.72





#12

1,1-Dichloroethene

Concen: 0.640 ug/l

RT: 3.70 min Scan# 598

Delta R.T. -0.02 min

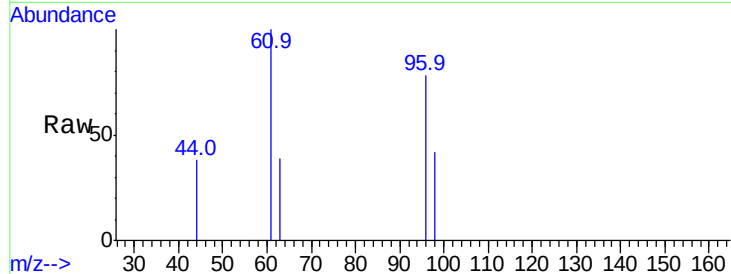
Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25ME

Tgt Ion: 96 Resp: 1034

Ion	Ratio	Lower	Upper
96	100		
61	129.0	137.5	206.3#
98	54.5	50.2	75.4

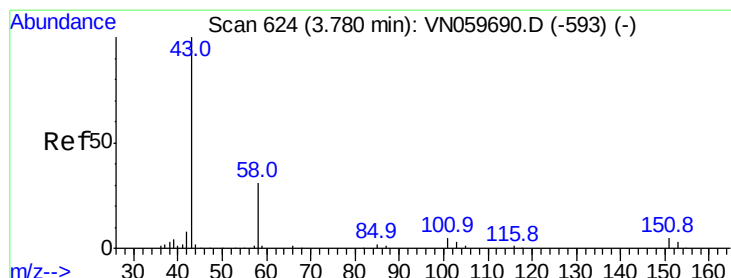
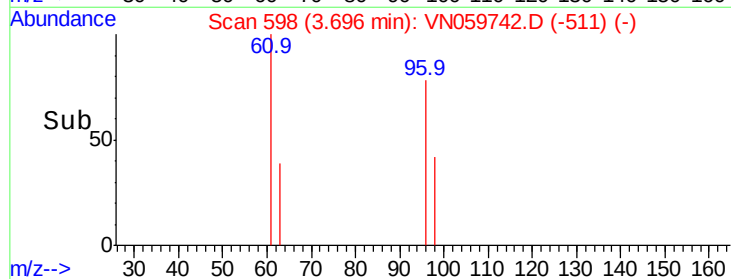
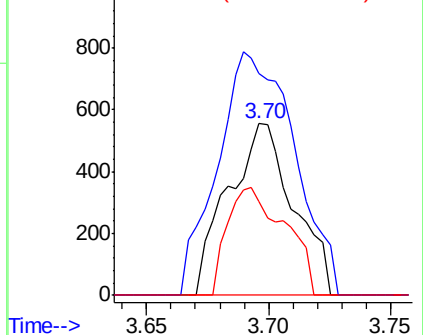


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 629

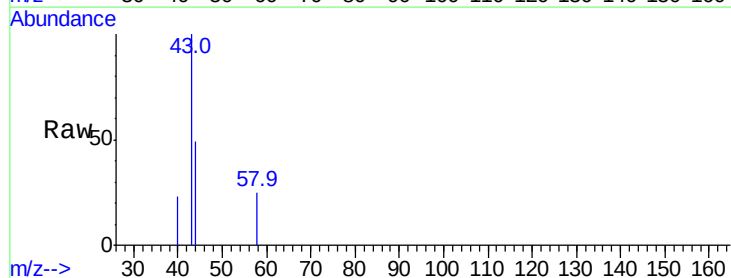
Delta R.T. 0.02 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Tgt Ion: 43 Resp: 2582

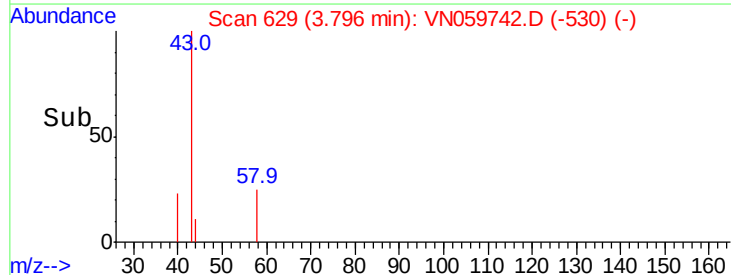
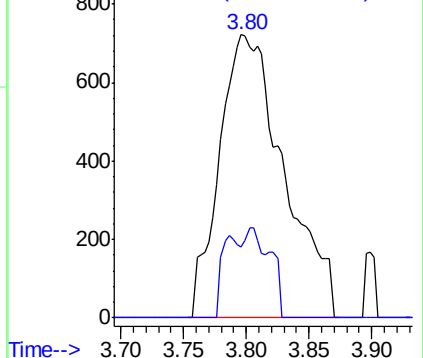
Ion	Ratio	Lower	Upper
43	100		
58	24.8	23.6	35.4

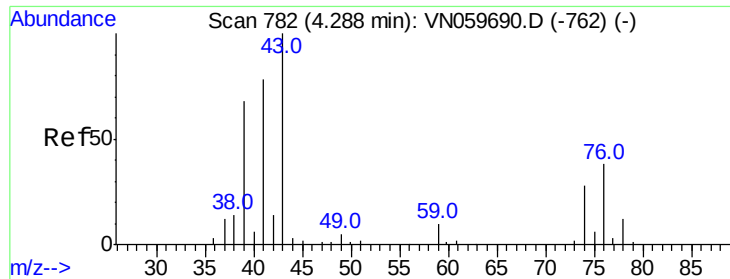


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

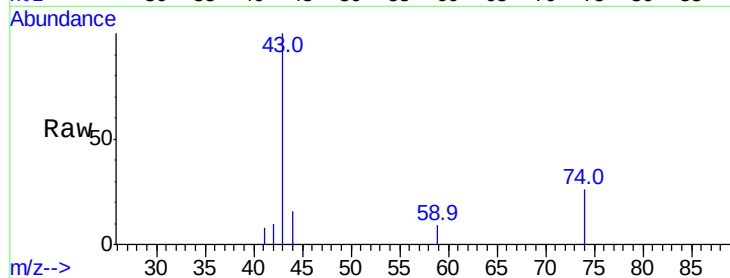




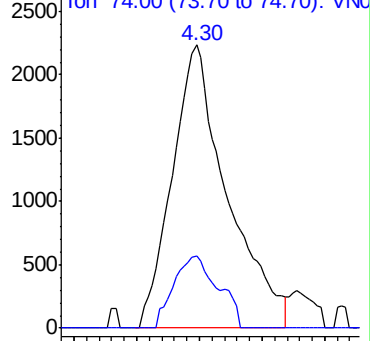
#18
Methyl Acetate
Concen: 2.969 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN059742.D
Acq: 16 Jan 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25ME

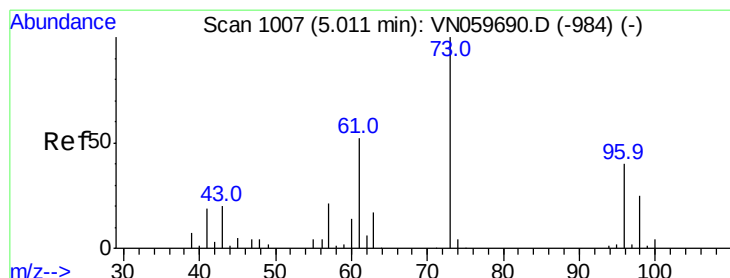
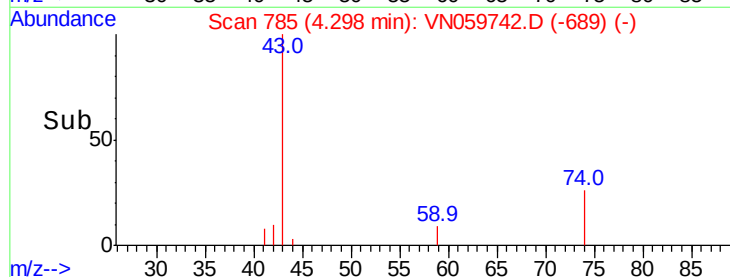
Tgt Ion: 43 Resp: 6805
Ion Ratio Lower Upper
43 100
74 20.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0

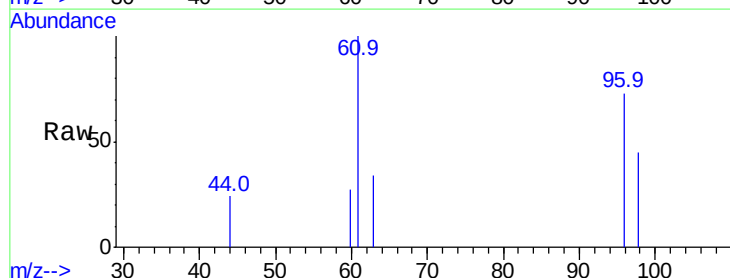


Time--> 4.20 4.25 4.30 4.35 4.40

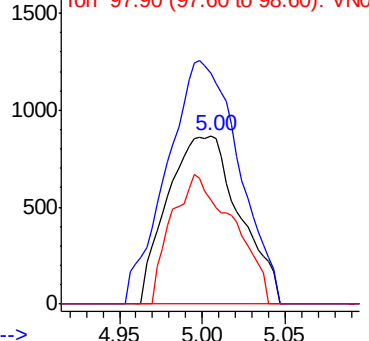


#21
trans-1,2-Dichloroethene
Concen: 1.526 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059742.D
Acq: 16 Jan 2020 19:12

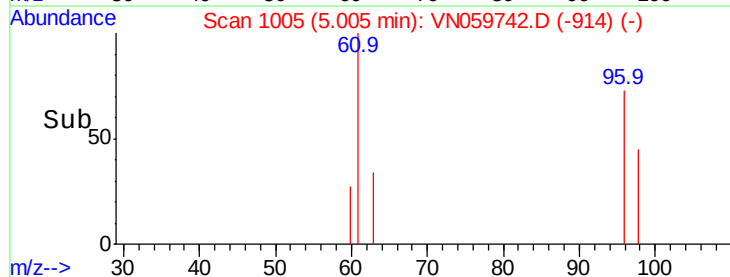
Tgt Ion: 96 Resp: 2622
Ion Ratio Lower Upper
96 100
61 137.2 120.4 180.6
98 62.0 50.6 75.8

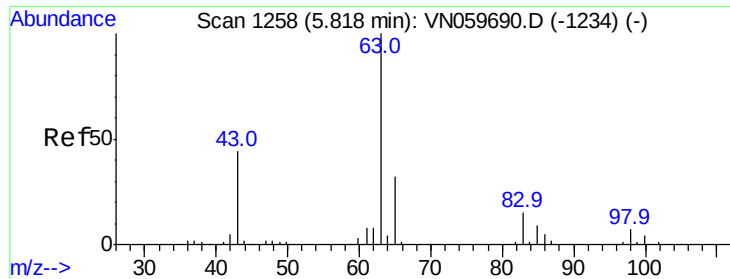


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



Time--> 4.95 5.00 5.05

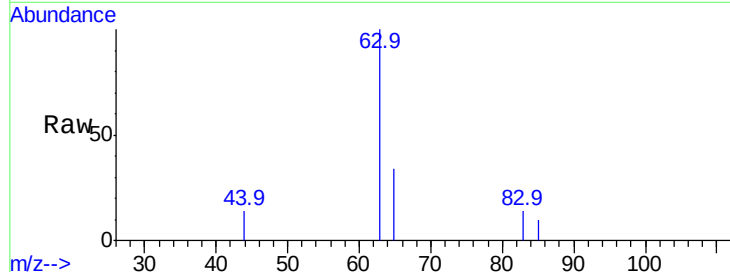




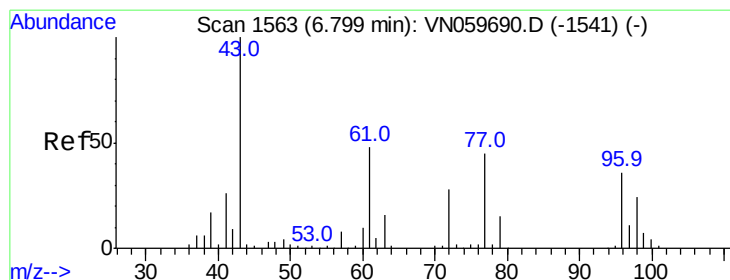
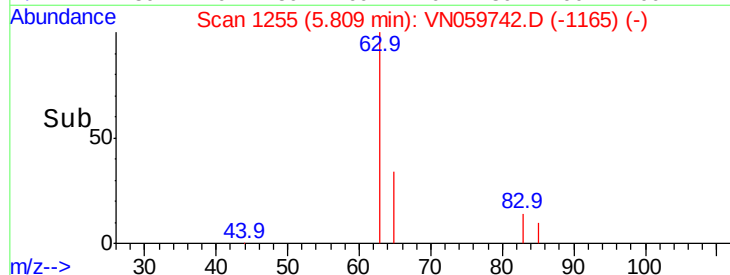
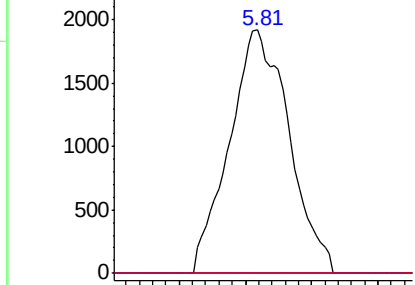
#24
 1,1-Dichloroethane
 Concen: 1.999 ug/l
 RT: 5.81 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: VN059742.D
 Acq: 16 Jan 2020 19:12

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB457_200113_23-25ME

Tgt Ion: 63 Resp: 6031
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.7#
 100 0.0 2.0 6.0#

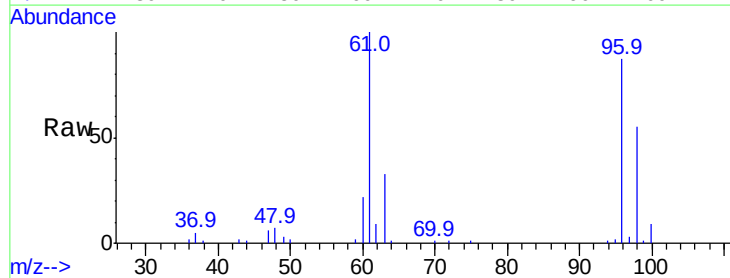


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

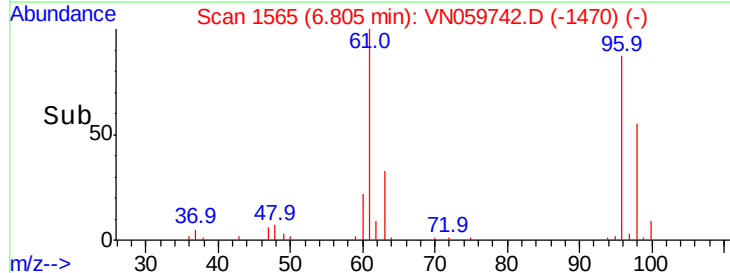
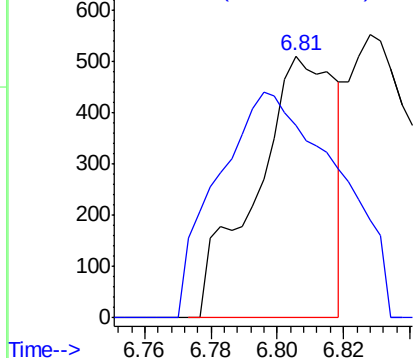


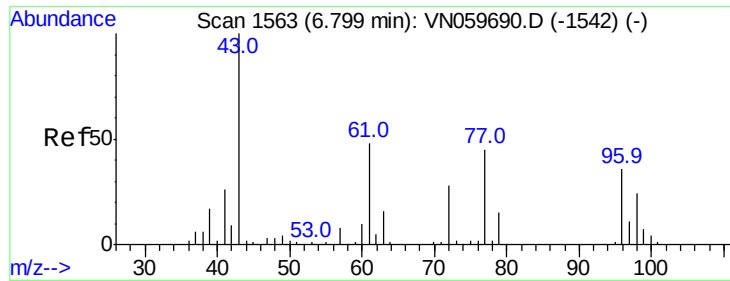
#25
 2-Butanone
 Concen: 0.763 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: VN059742.D
 Acq: 16 Jan 2020 19:12

Tgt Ion: 43 Resp: 848
 Ion Ratio Lower Upper
 43 100
 72 42.9 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

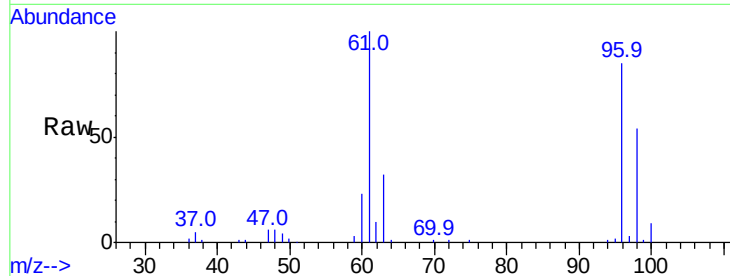




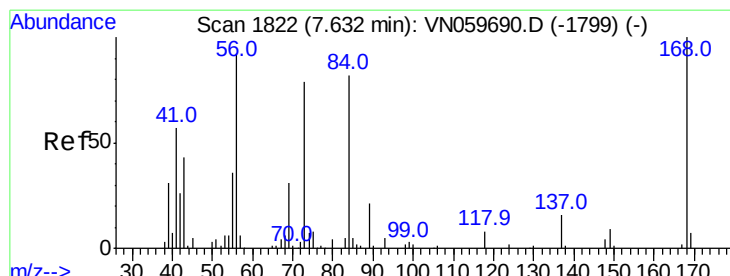
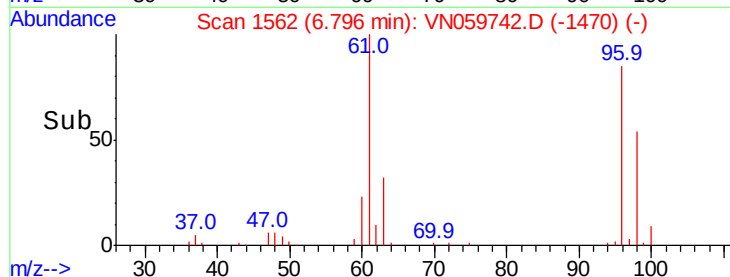
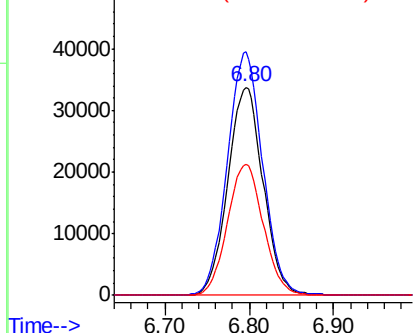
#27
 cis-1,2-Dichloroethene
 Concen: 49.790 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN059742.D
 Acq: 16 Jan 2020 19:12

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB457_200113_23-25ME

Tgt Ion: 96 Resp: 98399
 Ion Ratio Lower Upper
 96 100
 61 117.0 0.0 317.6
 98 63.7 0.0 127.0

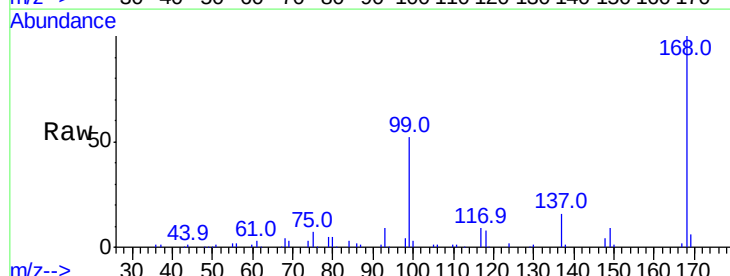


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

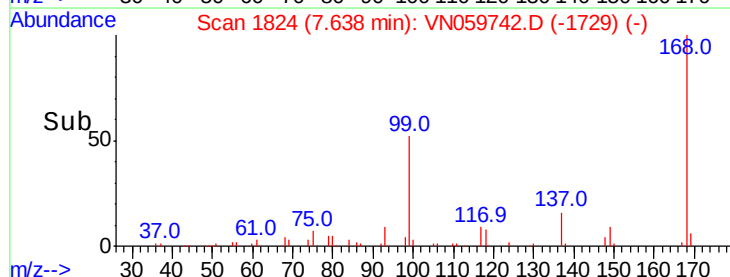
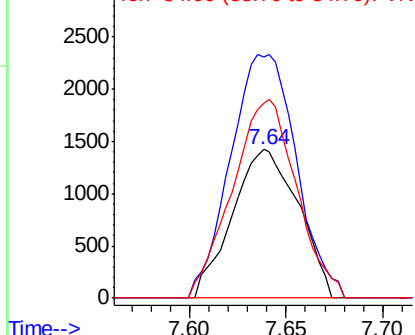


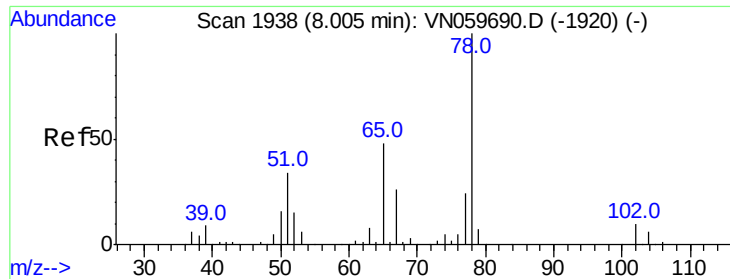
#31
 Cyclohexane
 Concen: 1.164 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: VN059742.D
 Acq: 16 Jan 2020 19:12

Tgt Ion: 56 Resp: 3378
 Ion Ratio Lower Upper
 56 100
 69 162.4 26.5 39.7#
 84 130.7 65.3 97.9#



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

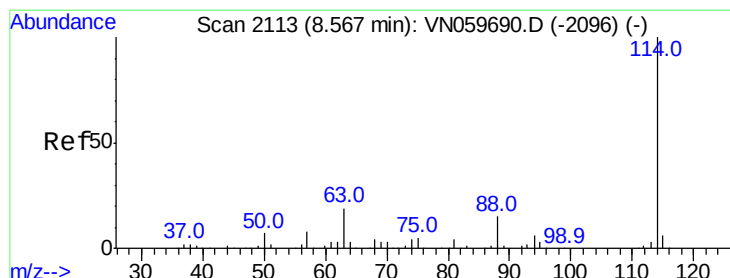
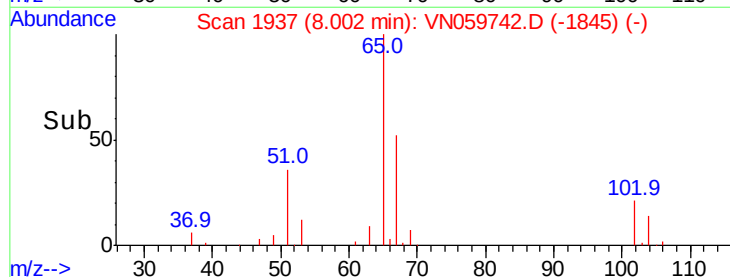
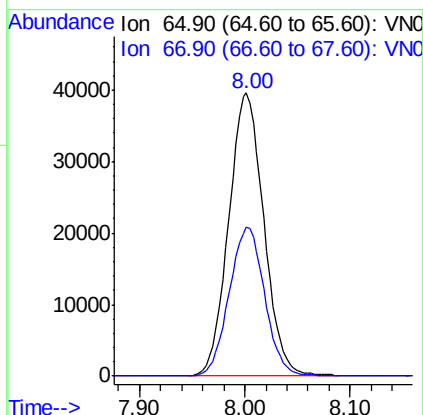
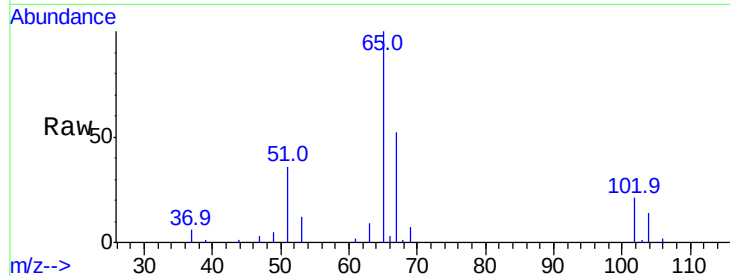




#33
 1,2-Dichloroethane-d4
 Concen: 46.532 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059742.D
 Acq: 16 Jan 2020 19:12

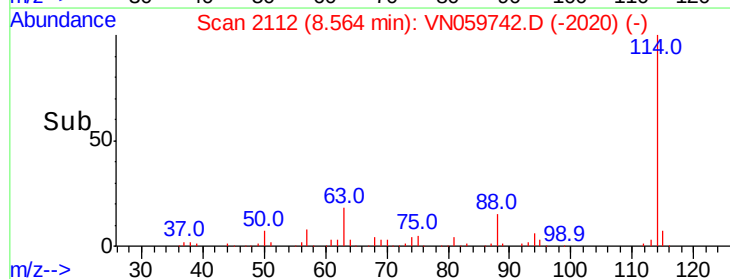
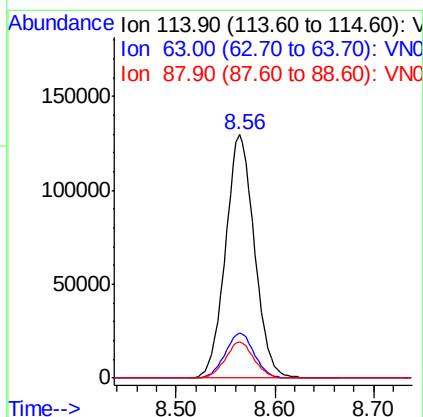
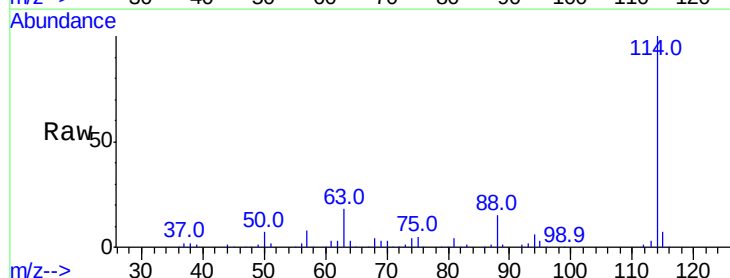
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB457_200113_23-25ME

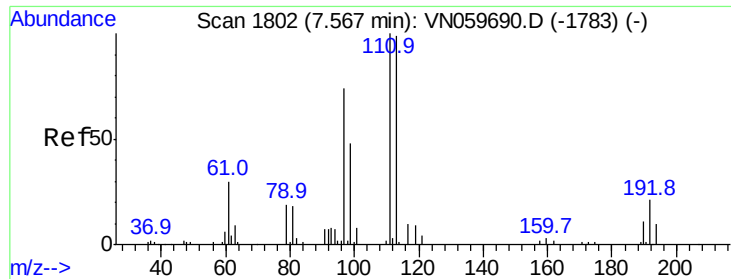
Tgt Ion: 65 Resp: 91300
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059742.D
 Acq: 16 Jan 2020 19:12

Tgt Ion: 114 Resp: 265173
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 14.9 0.0 31.4

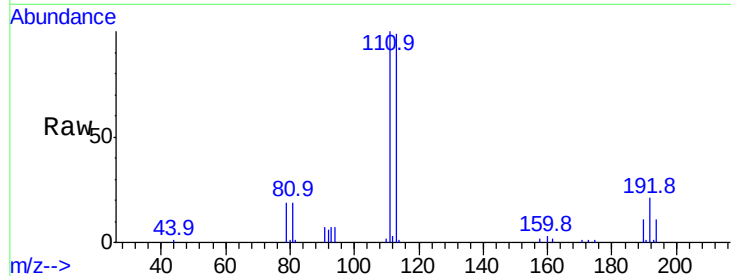




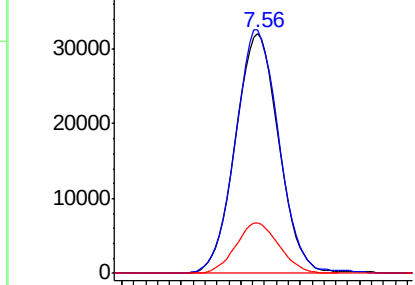
#35
Dibromofluoromethane
Concen: 51.174 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059742.D
Acq: 16 Jan 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25ME

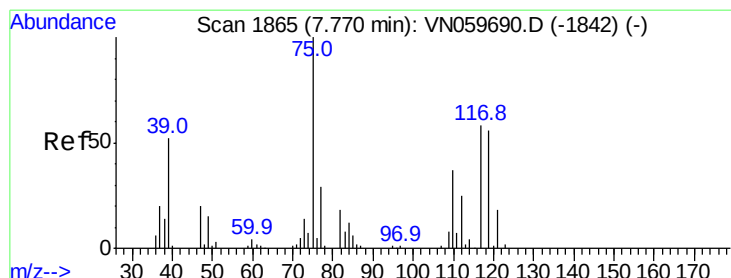
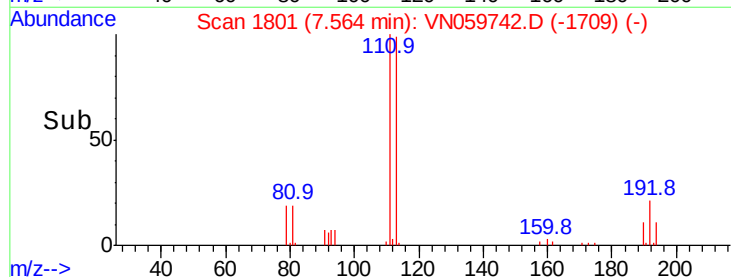
Tgt Ion:113 Resp: 80924
Ion Ratio Lower Upper
113 100
111 102.0 83.5 125.3
192 21.0 15.4 23.2



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

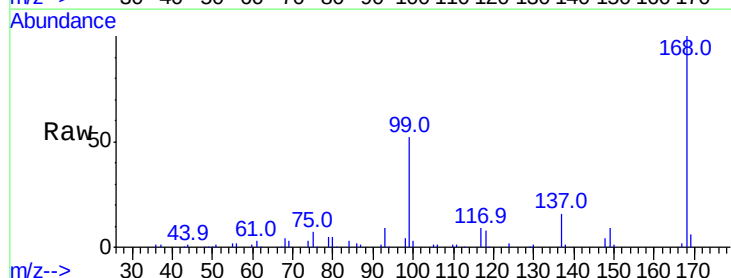


Time--> 7.45 7.50 7.55 7.60 7.65

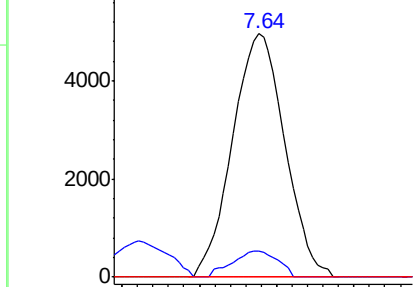


#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.13 min
Lab File: VN059742.D
Acq: 16 Jan 2020 19:12

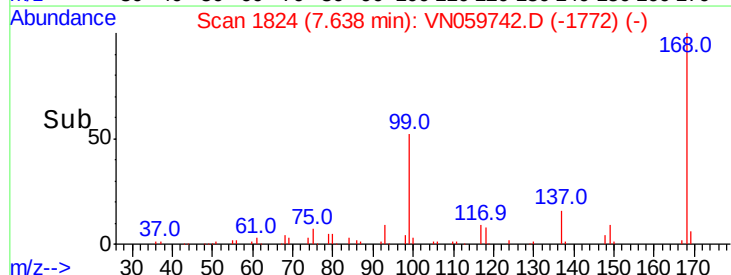
Tgt Ion: 75 Resp: 11658
Ion Ratio Lower Upper
75 100
110 9.2 16.6 49.7#
77 0.0 25.1 37.7#

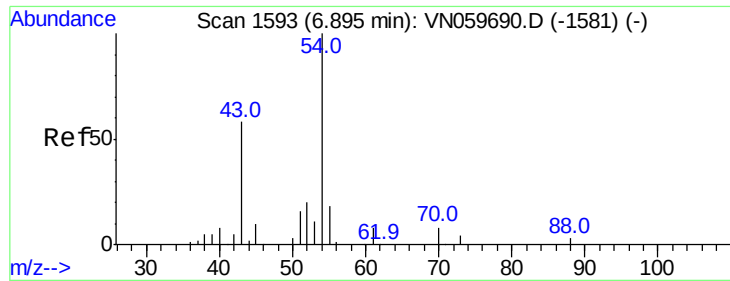


Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V



Time--> 7.55 7.60 7.65 7.70





#37

Ethyl Acetate

Concen: 0.392 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.09 min

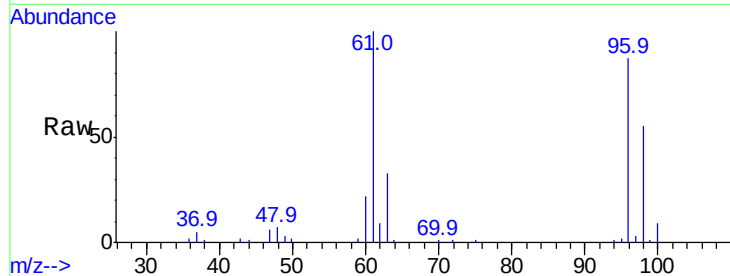
Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25ME

Tgt Ion: 43 Resp: 848

Ion	Ratio	Lower	Upper
43	100		
61	13571.0	10.9	16.3#
70	168.6	7.7	11.5#

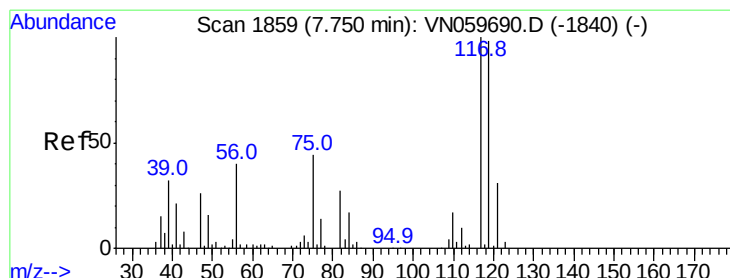
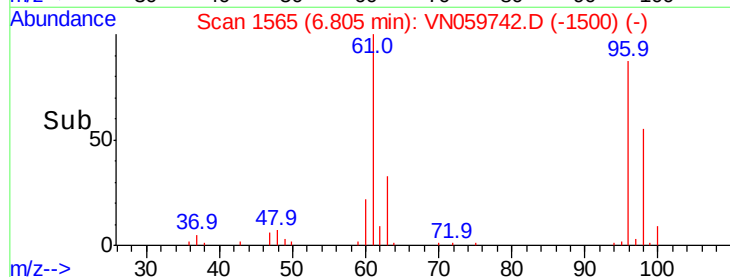
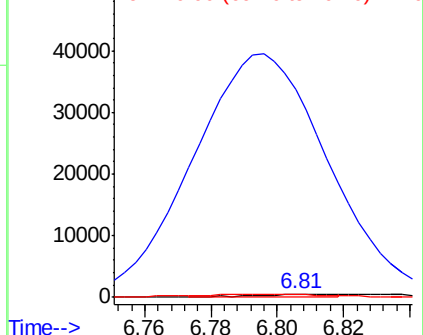


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 6.303 ug/l

RT: 7.63 min Scan# 1823

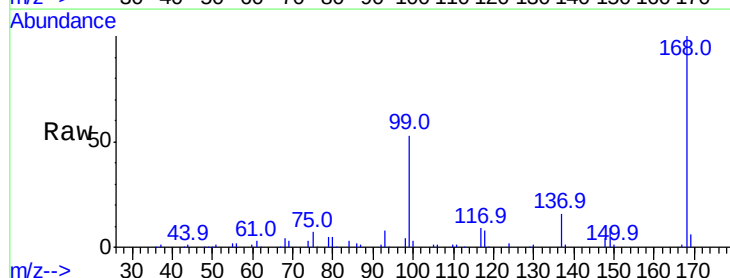
Delta R.T. -0.12 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Tgt Ion: 117 Resp: 15834

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.5	114.7#
121	0.0	25.1	37.7#

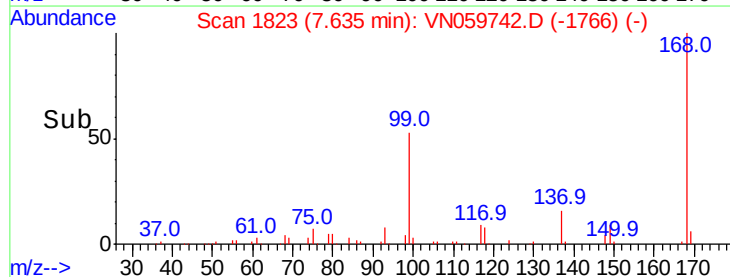
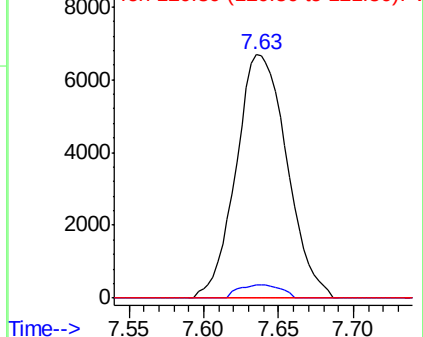


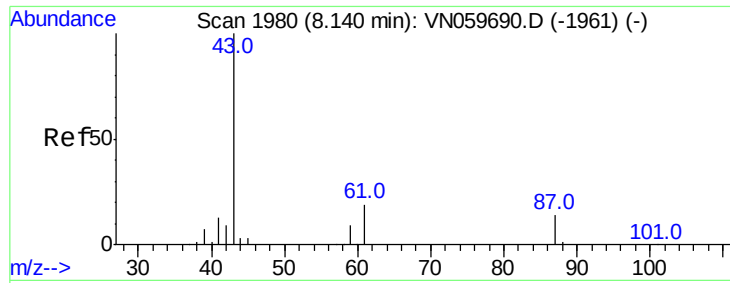
Abundance

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





#43

Isopropyl Acetate

Concen: 0.330 ug/l

RT: 8.21 min Scan# 2003

Delta R.T. 0.07 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_23-25ME

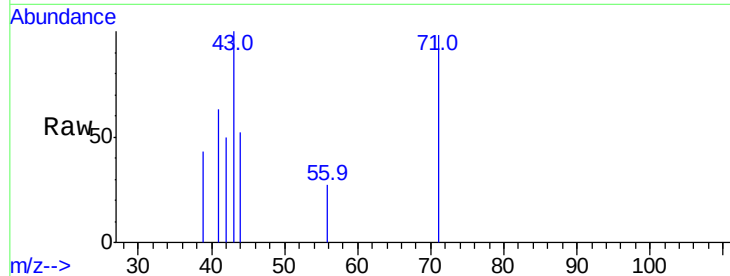
Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 0.0 9.5 14.3#

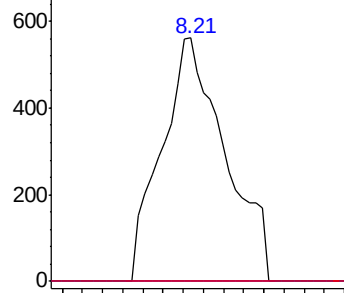


Abundance

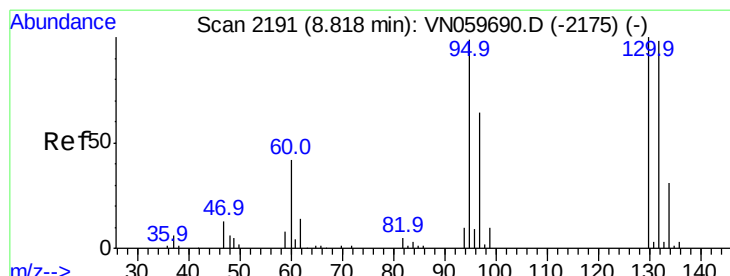
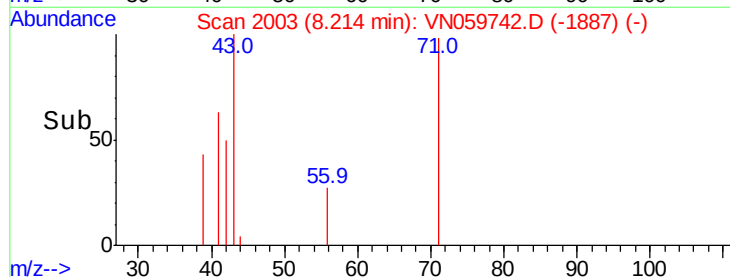
Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->



#44

Trichloroethene

Concen: 3.415 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059742.D

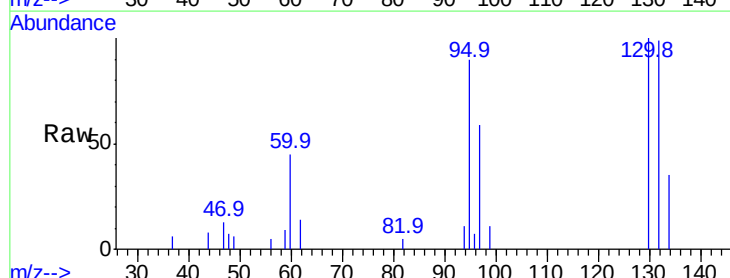
Acq: 16 Jan 2020 19:12

Tgt Ion: 130 Resp: 6420

Ion Ratio Lower Upper

130 100

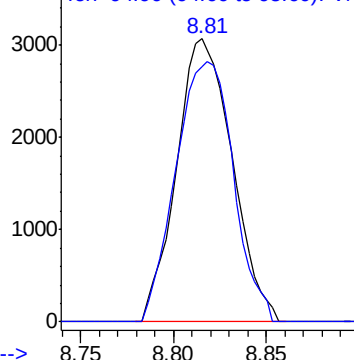
95 90.4 0.0 207.0



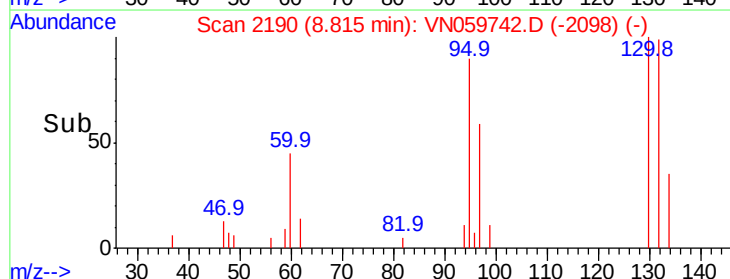
Abundance

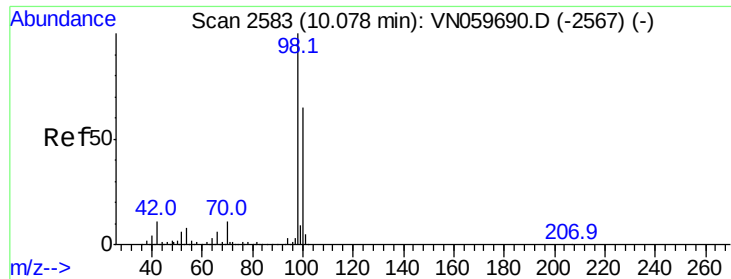
Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



Time-->





#50

Toluene-d8

Concen: 49.332 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

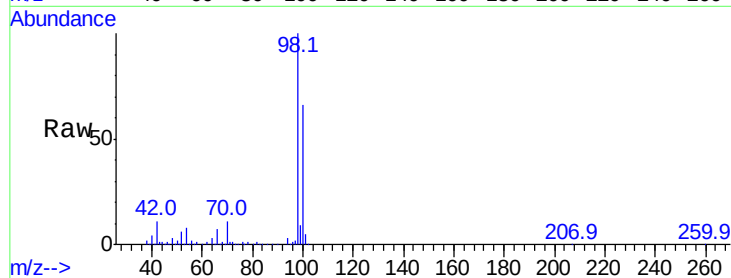
WP022SB457_200113_23-25ME

Tgt Ion: 98 Resp: 302253

Ion Ratio Lower Upper

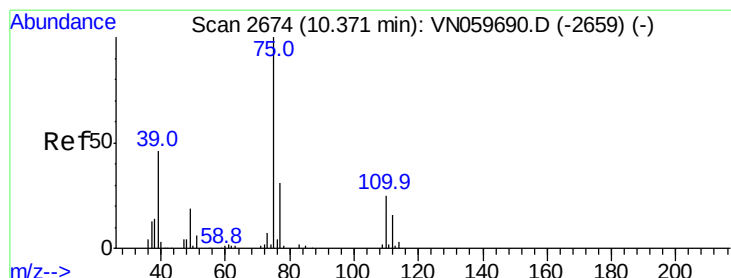
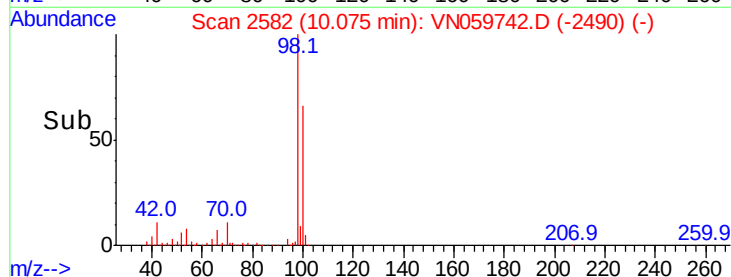
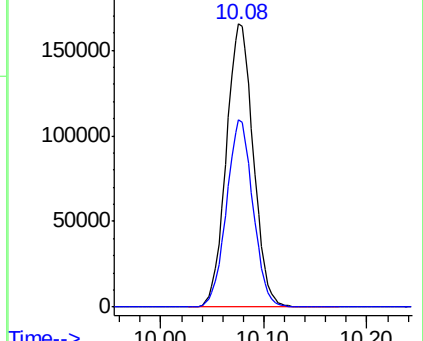
98 100

100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



#53

t-1,3-Dichloropropene

Concen: 1.190 ug/l

RT: 10.23 min Scan# 2630

Delta R.T. -0.14 min

Lab File: VN059742.D

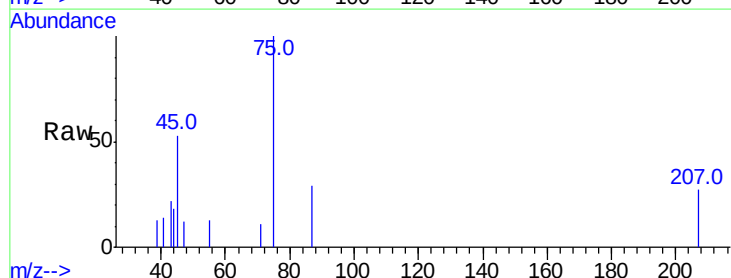
Acq: 16 Jan 2020 19:12

Tgt Ion: 75 Resp: 3219

Ion Ratio Lower Upper

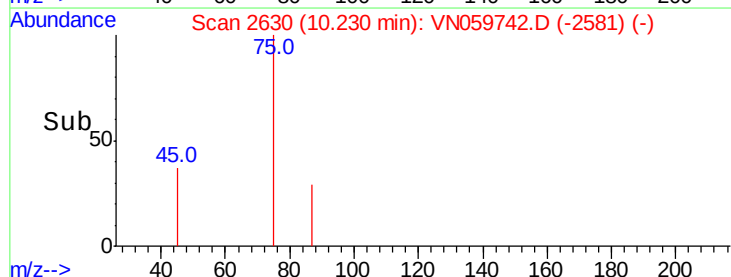
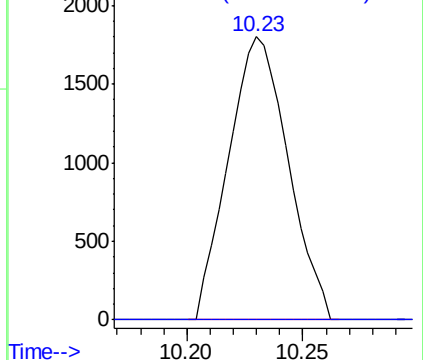
75 100

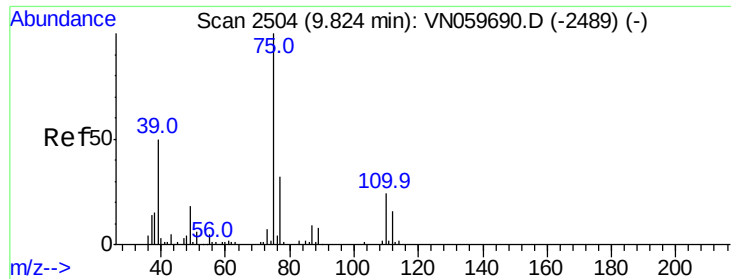
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

cis-1,3-Dichloropropene

Concen: 0.566 ug/l

RT: 9.58 min Scan# 2427

Delta R.T. -0.25 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_23-25ME

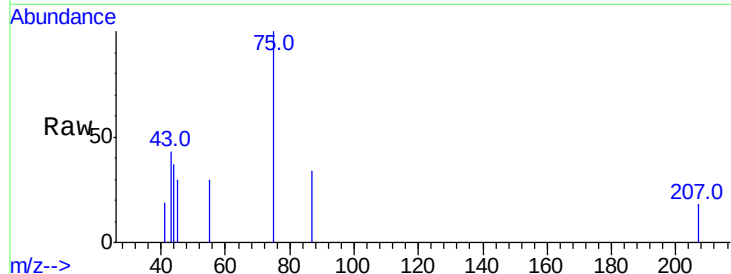
Tgt Ion: 75 Resp: 1612

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 0.0 46.1 69.1#

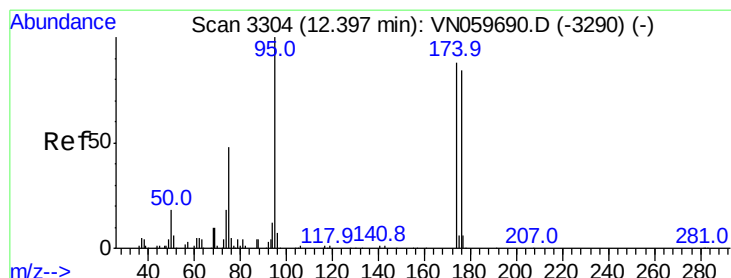
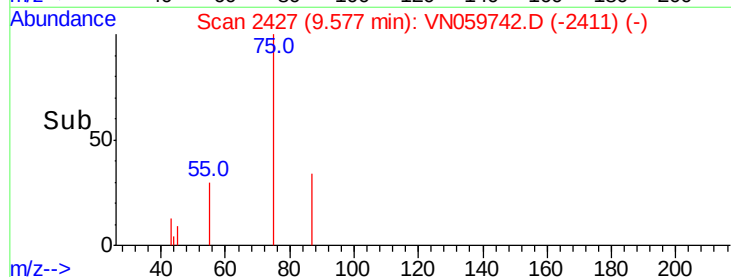
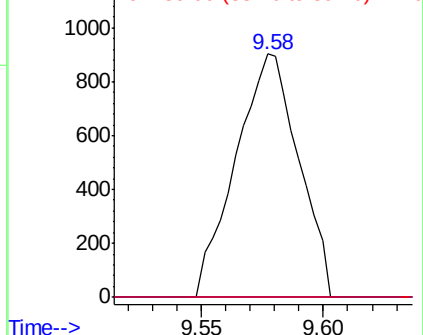


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#62

4-Bromofluorobenzene

Concen: 46.748 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

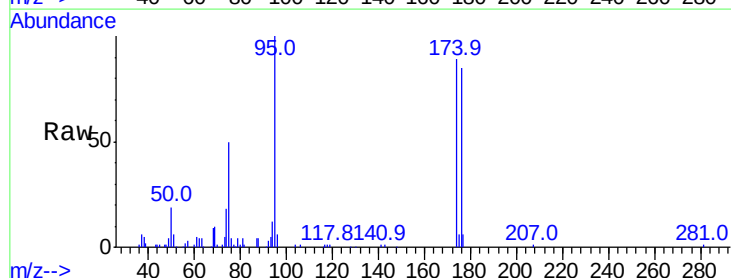
Tgt Ion: 95 Resp: 103254

Ion Ratio Lower Upper

95 100

174 87.7 0.0 151.4

176 85.0 0.0 146.0

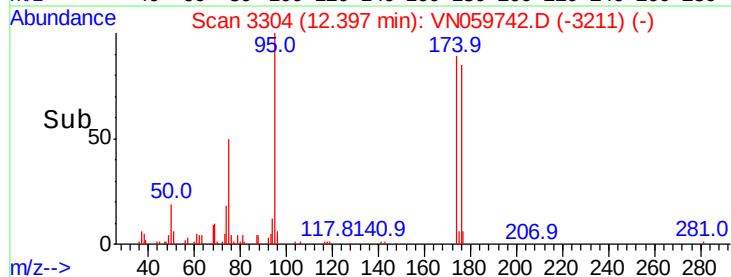
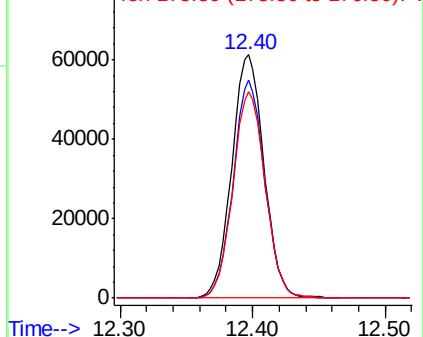


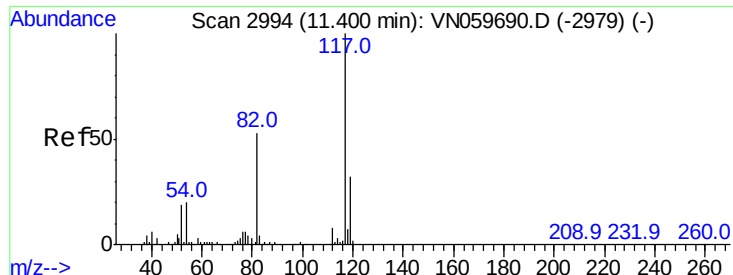
Abundance

Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

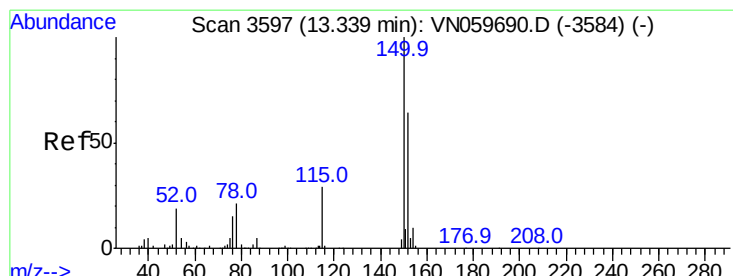
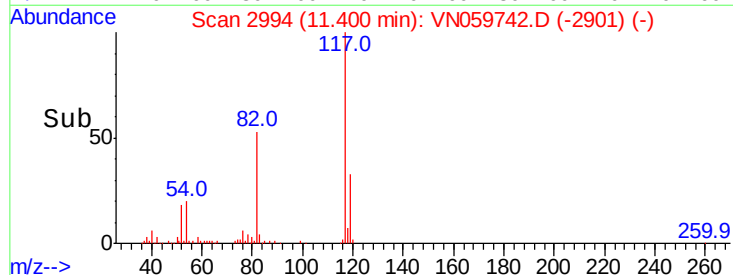
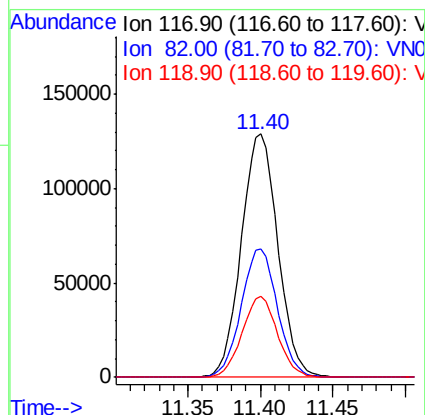
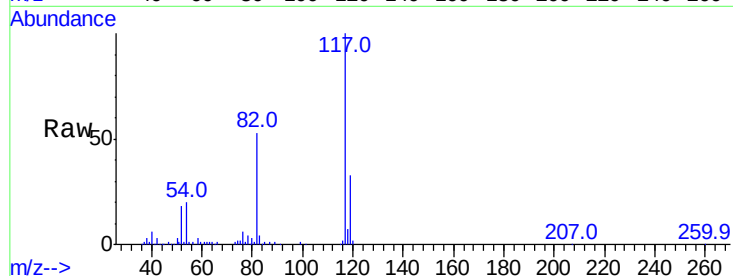




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059742.D
Acq: 16 Jan 2020 19:12

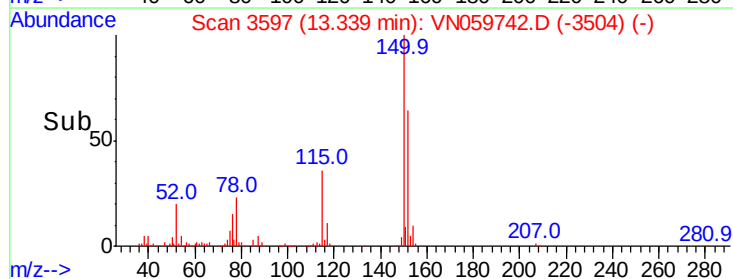
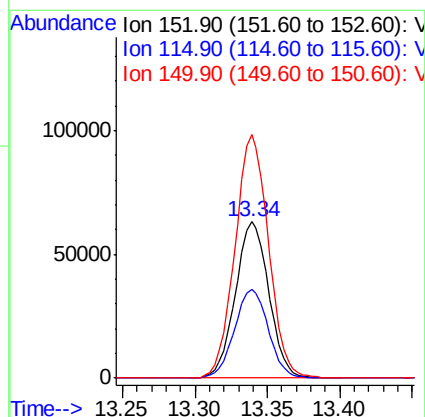
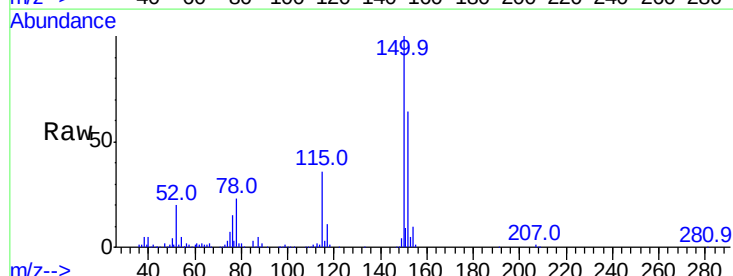
Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25ME

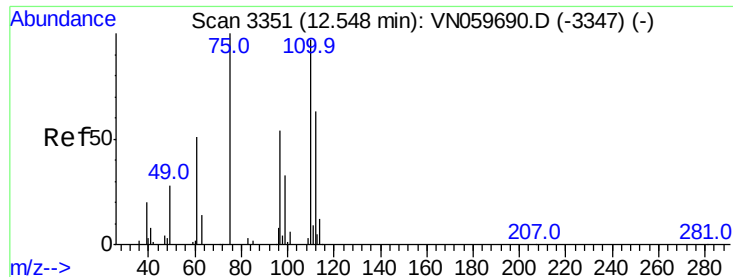
Tgt Ion:117 Resp: 226201
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059742.D
Acq: 16 Jan 2020 19:12

Tgt Ion:152 Resp: 101452
Ion Ratio Lower Upper
152 100
115 57.4 30.3 90.9
150 156.0 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 30.132 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

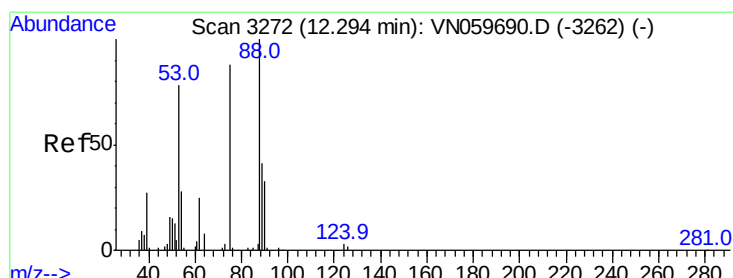
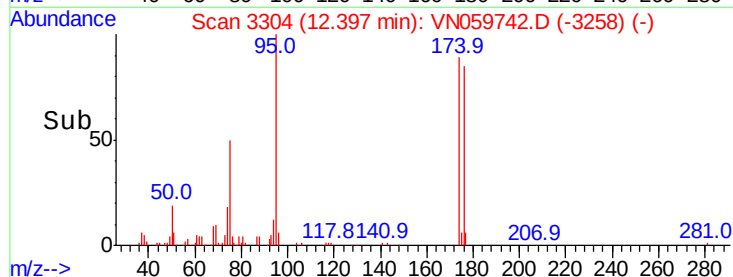
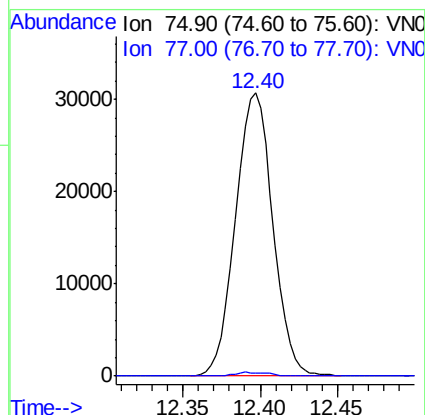
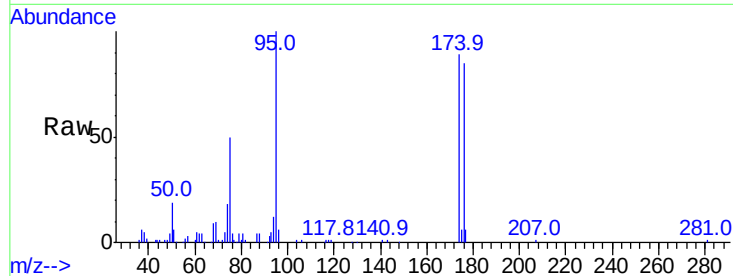
Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25ME

Tgt Ion: 75 Resp: 51445

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.708 ug/l

RT: 12.40 min Scan# 3304

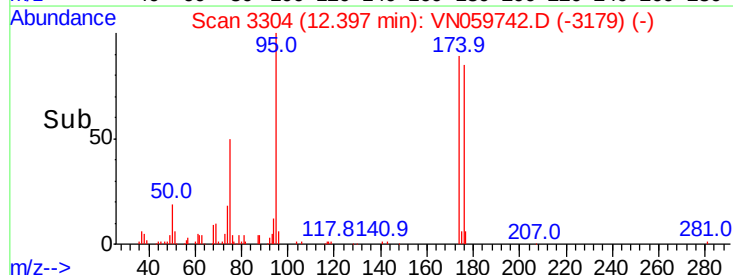
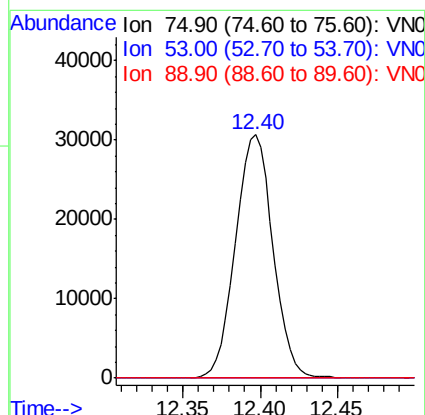
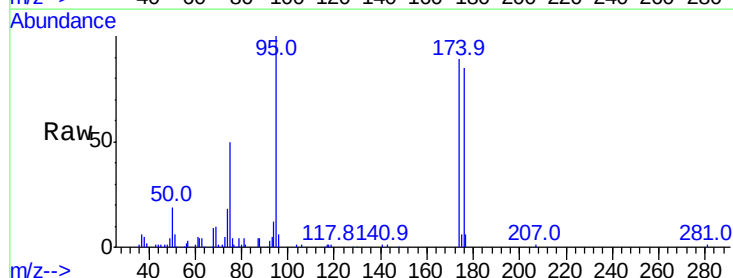
Delta R.T. 0.10 min

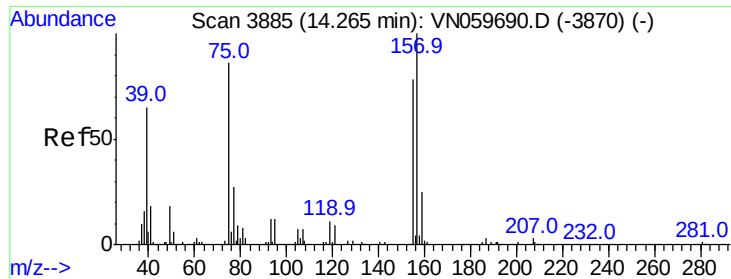
Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Tgt Ion: 75 Resp: 51445

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.1	117.1#
89	0.0	35.4	53.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN059742.D

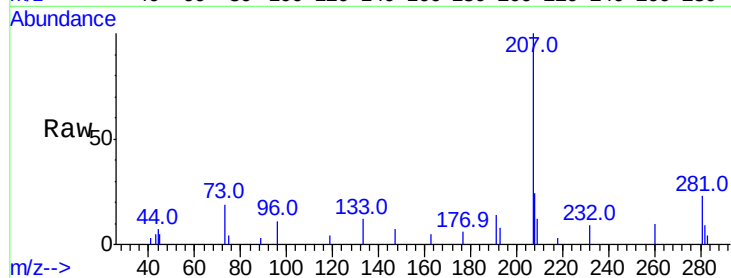
Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_23-25ME



Tgt Ion:	75	Resp:	143
Ion Ratio	Lower	Upper	
75	100		
155	0.0	37.0	110.9#
157	0.0	48.4	145.2#

