

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023039.D
 Acq On : 26 Oct 2021 15:16
 Operator : SY/MD
 Sample : M4277-08DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGB4DL

Quant Time: Oct 27 01:33:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

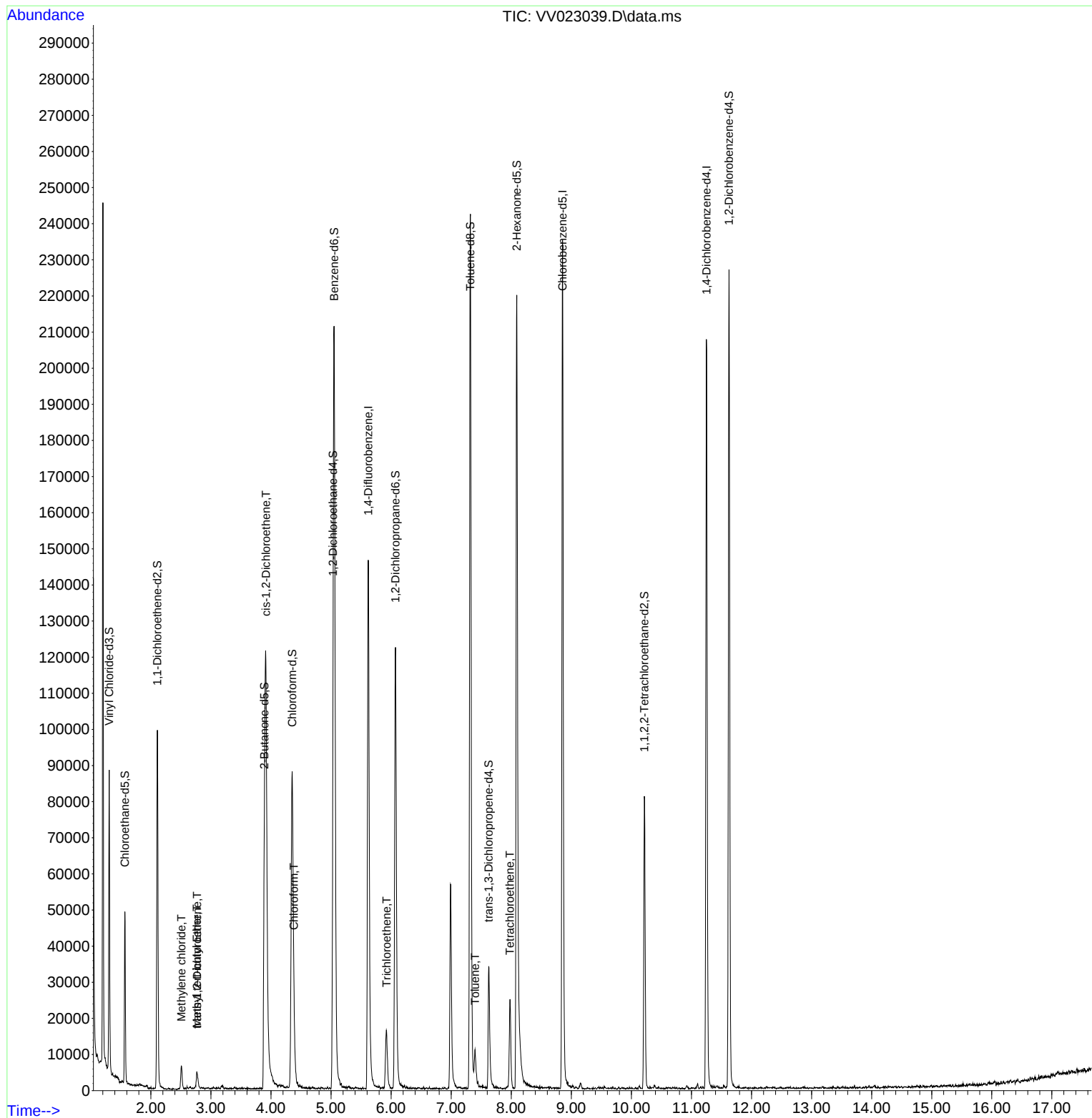
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130723	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	51322	4.493	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.568	69	28327	4.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.200%	
11) 1,1-Dichloroethene-d2	2.108	63	52143	3.164	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	3.889	46	106569	58.159	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.320%	
24) Chloroform-d	4.352	84	90449	4.871	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.034	65	45546	5.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.053	84	197743	5.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.072	67	60616	5.095	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.320	98	164500	4.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	7.625	79	20064	4.813	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.091	63	73906	47.890	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39747	4.839	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	59248	5.746	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.510	84	2662	0.362	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	2776	0.174	ug/L #	88
18) trans-1,2-Dichloroethene	2.770	96	517	0.072	ug/L #	79
22) cis-1,2-Dichloroethene	3.915	96	51686	6.380	ug/L #	90
25) Chloroform	4.381	83	12133	0.699	ug/L	100
34) Trichloroethene	5.924	95	5188	0.580	ug/L	97
42) Toluene	7.397	91	7080	0.196	ug/L	98
47) Tetrachloroethene	7.979	164	6045	0.800	ug/L	94

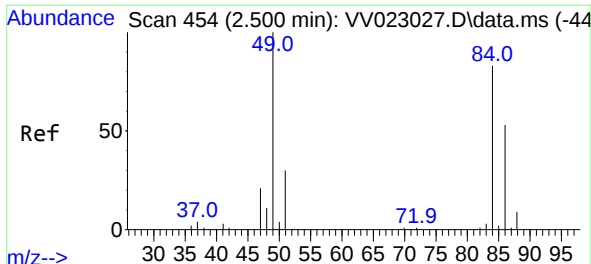
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023039.D
Acq On : 26 Oct 2021 15:16
Operator : SY/MD
Sample : M4277-08DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGB4DL

Quant Time: Oct 27 01:33:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration

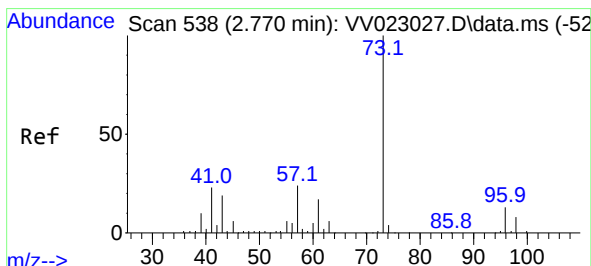
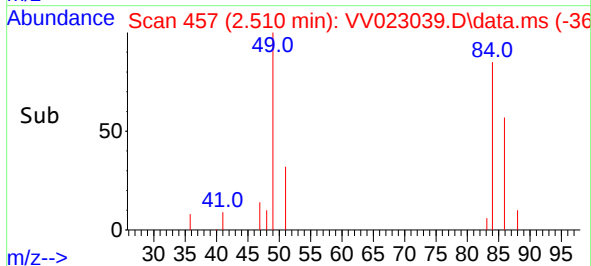
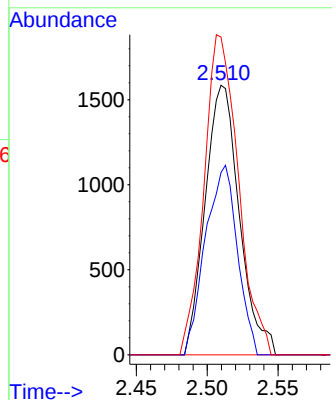
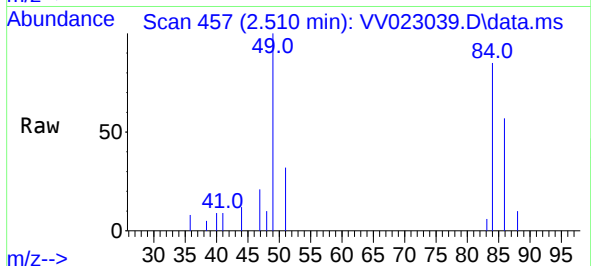




#16
Methylene chloride
Concen: 0.362 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV023039.D
Acq: 26 Oct 2021 15:16

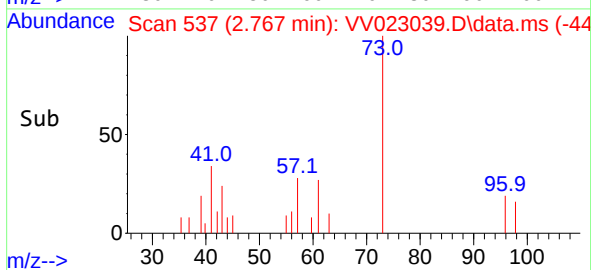
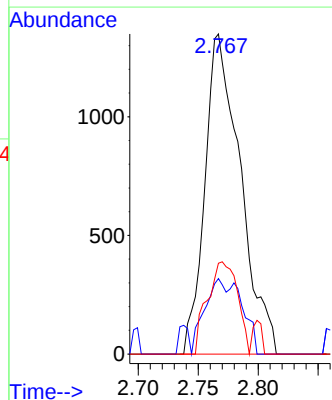
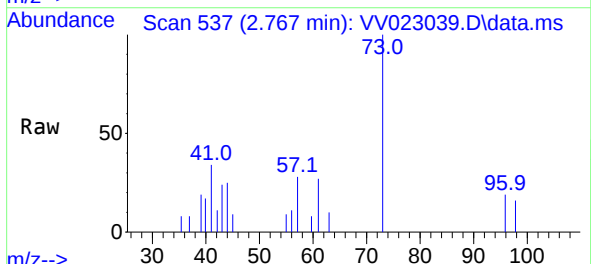
Instrument :
MSVOA_V
ClientSampleId :
BFG84DL

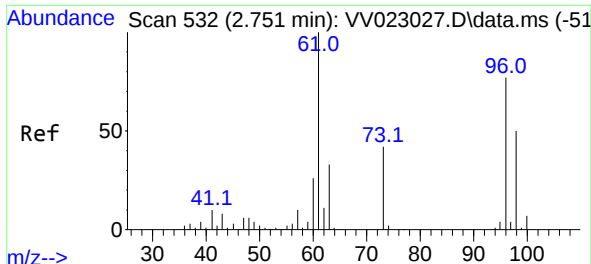
Tgt Ion: 84 Resp: 2662
Ion Ratio Lower Upper
84 100
86 67.6 42.3 78.5
49 117.8 79.7 148.1



#17
Methyl tert-butyl Ether
Concen: 0.174 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV023039.D
Acq: 26 Oct 2021 15:16

Tgt Ion: 73 Resp: 2776
Ion Ratio Lower Upper
73 100
43 14.2 17.4 26.0#
57 24.5 16.5 24.7

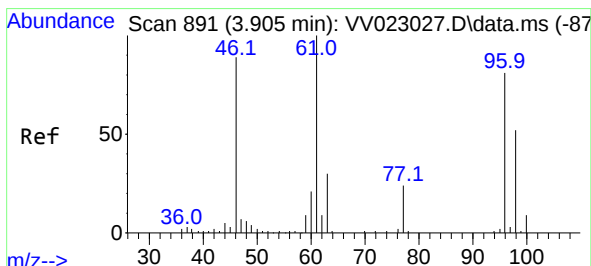
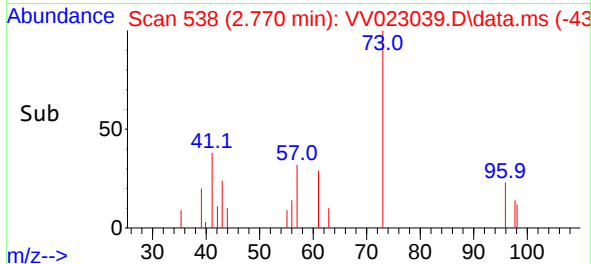
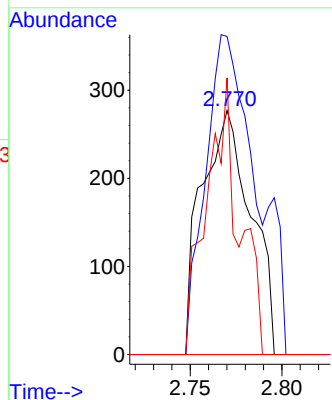
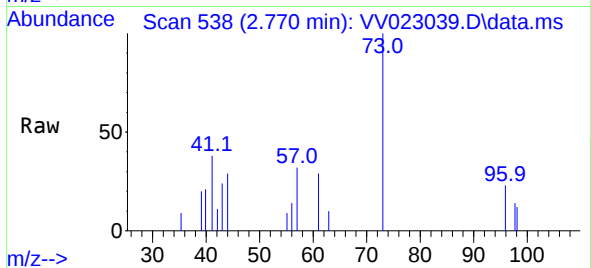




#18
trans-1,2-Dichloroethene
Concen: 0.072 ug/L
RT: 2.770 min Scan# 517
Delta R.T. 0.019 min
Lab File: VV023039.D
Acq: 26 Oct 2021 15:16

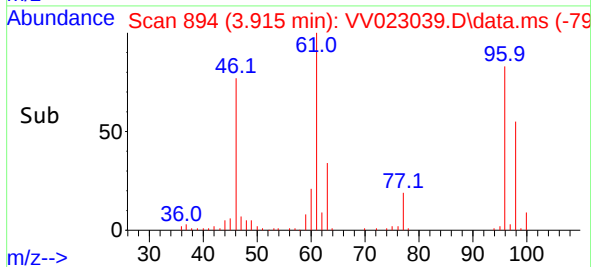
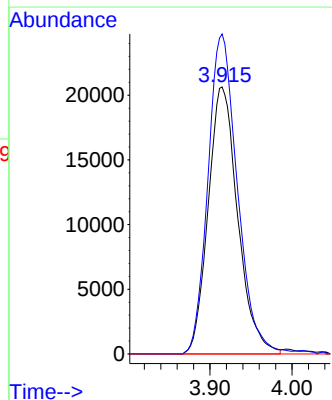
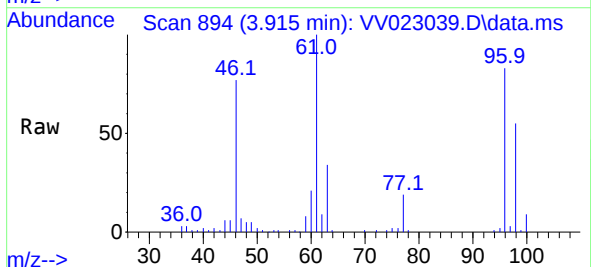
Instrument :
MSVOA_V
ClientSampleId :
BFGB4DL

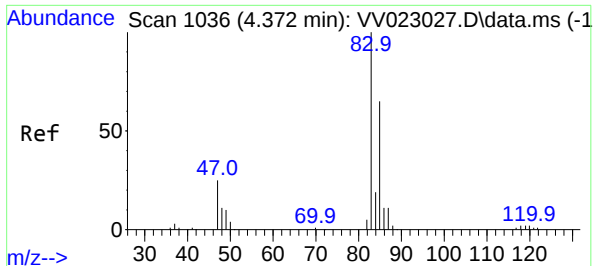
Tgt Ion: 96 Resp: 517
Ion Ratio Lower Upper
96 100
61 130.3 93.2 173.2
98 113.4 47.0 87.2#



#22
cis-1,2-Dichloroethene
Concen: 6.380 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.009 min
Lab File: VV023039.D
Acq: 26 Oct 2021 15:16

Tgt Ion: 96 Resp: 51686
Ion Ratio Lower Upper
96 100
61 119.8 92.3 171.3
68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.699 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.009 min

Lab File: VV023039.D

Acq: 26 Oct 2021 15:16

Instrument :

MSVOA_V

ClientSampleId :

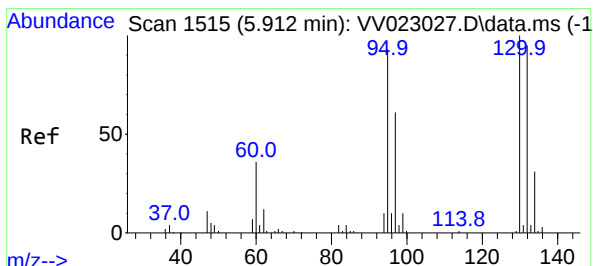
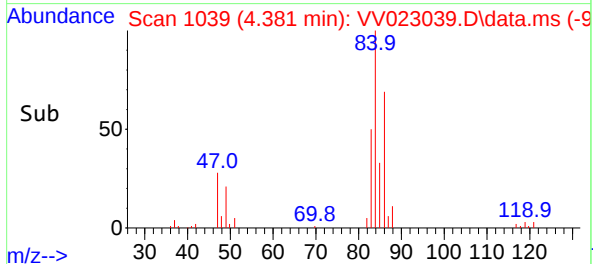
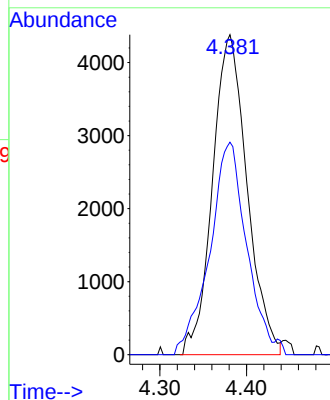
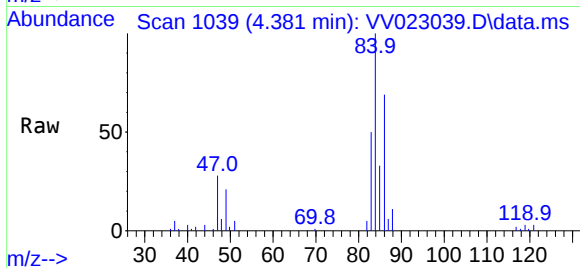
BFGB4DL

Tgt Ion: 83 Resp: 12133

Ion Ratio Lower Upper

83 100

85 66.4 46.8 86.8



#34

Trichloroethene

Concen: 0.580 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV023039.D

Acq: 26 Oct 2021 15:16

Tgt Ion: 95 Resp: 5188

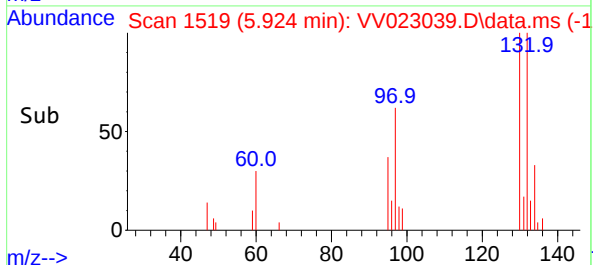
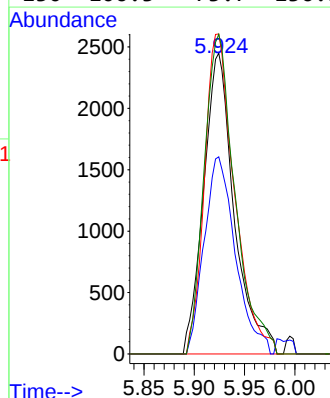
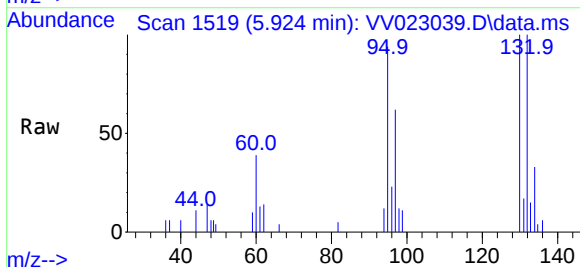
Ion Ratio Lower Upper

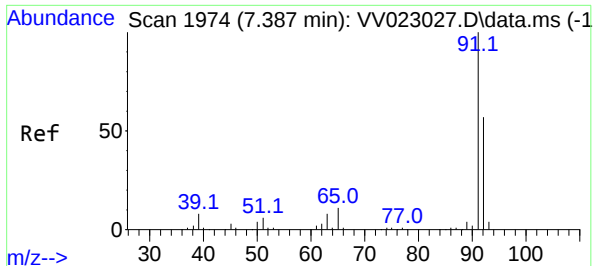
95 100

97 65.5 45.0 83.6

132 106.4 69.7 129.4

130 106.3 73.7 136.9





#42

Toluene

Concen: 0.196 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.009 min

Lab File: VV023039.D

Acq: 26 Oct 2021 15:16

Instrument :

MSVOA_V

ClientSampleId :

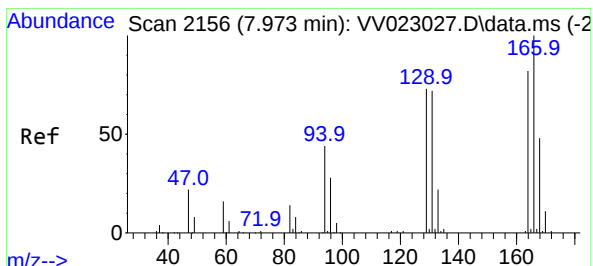
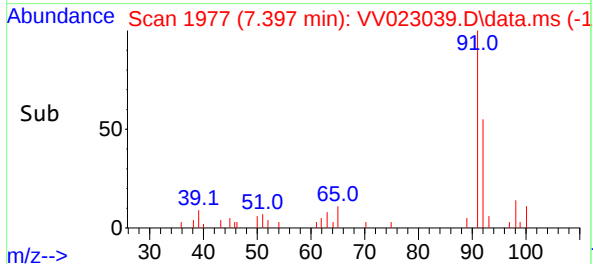
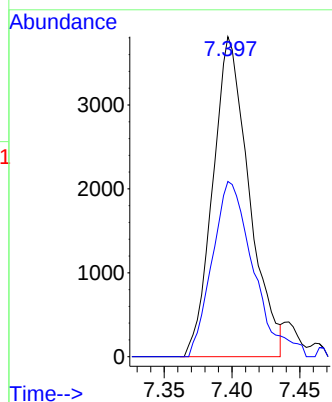
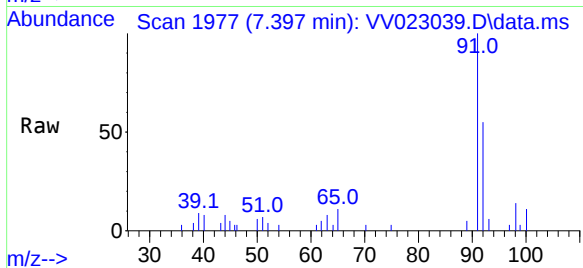
BFGB4DL

Tgt Ion: 91 Resp: 7080

Ion Ratio Lower Upper

91 100

92 54.7 39.3 72.9



#47

Tetrachloroethene

Concen: 0.800 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV023039.D

Acq: 26 Oct 2021 15:16

Tgt Ion:164 Resp: 6045

Ion Ratio Lower Upper

164 100

129 81.9 64.0 119.0

131 83.3 63.4 117.8

166 131.1 89.3 165.9

