

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022967.D
 Acq On : 21 Oct 2021 20:25
 Operator : SY/MD
 Sample : M4137-08DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA9DL

Quant Time: Oct 22 04:57:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 22 04:55:17 2021
 Response via : Initial Calibration

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

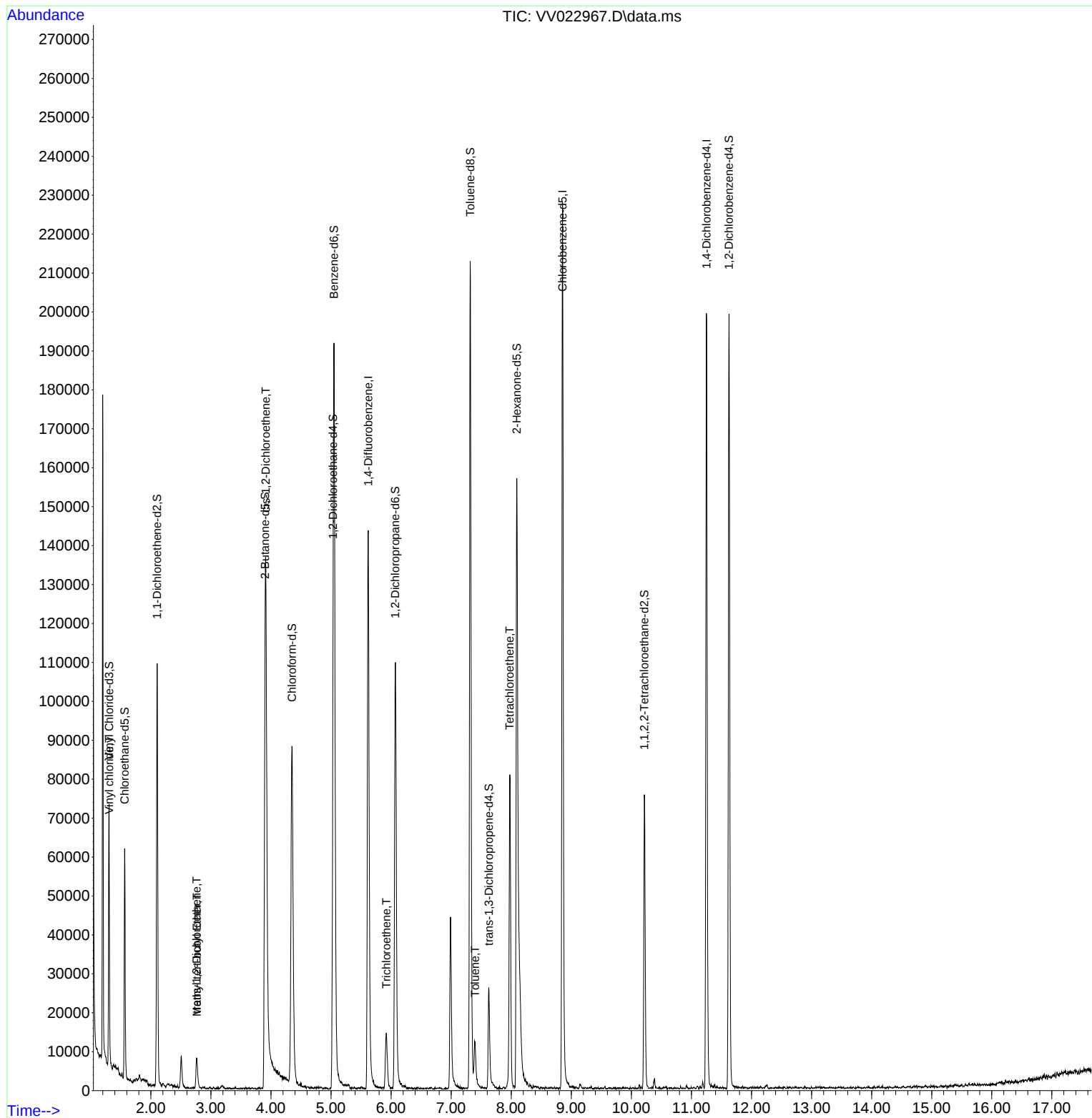
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128016	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40591	4.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.564	69	35125	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.105	63	53799	3.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.902	46	65337	28.292	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	56.580%
24) Chloroform-d	4.349	84	90074	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	40226	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.050	84	178205	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	57216	4.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	143212	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.629	79	15695	4.114	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.092	63	68151	44.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37068	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	53445	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	1369	0.141	ug/L #	57
17) Methyl tert-butyl Ether	2.767	73	2717	0.145	ug/L #	86
18) trans-1,2-Dichloroethene	2.761	96	2180	0.259	ug/L #	73
22) cis-1,2-Dichloroethene	3.912	96	66523	7.534	ug/L	94
34) Trichloroethene	5.921	95	4793	0.502	ug/L	91
42) Toluene	7.397	91	9040	0.253	ug/L	96
47) Tetrachloroethene	7.976	164	19171	2.481	ug/L	97

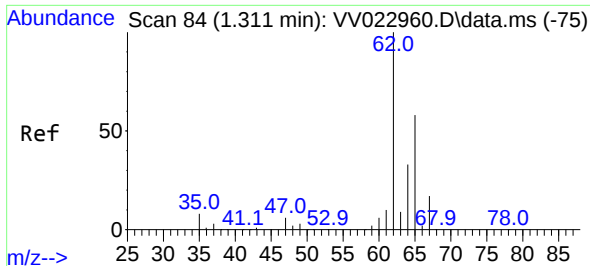
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 22 04:55:17 2021
Response via : Initial Calibration

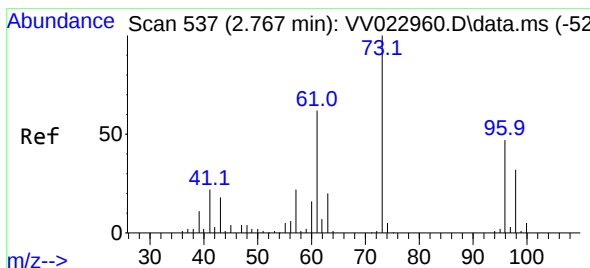
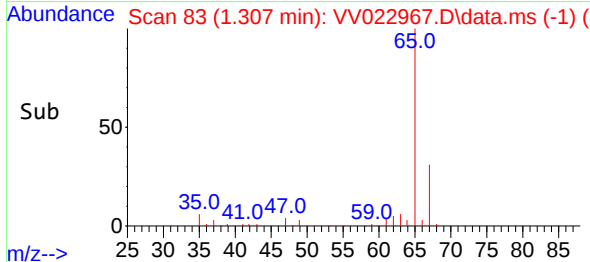
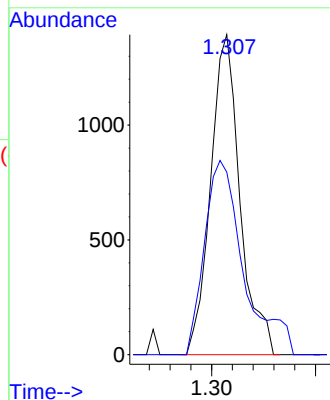
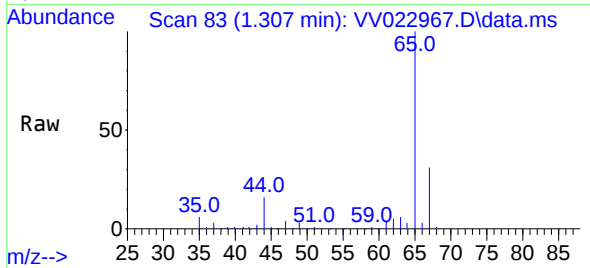




#5
 Vinyl chloride
 Concen: 0.141 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV022967.D
 Acq: 21 Oct 2021 20:25

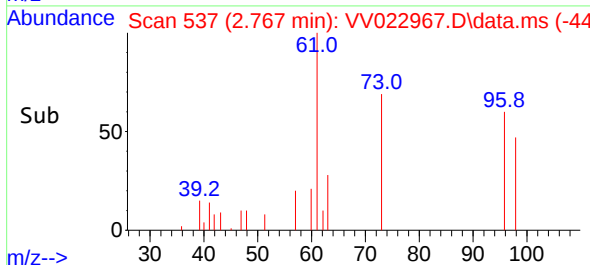
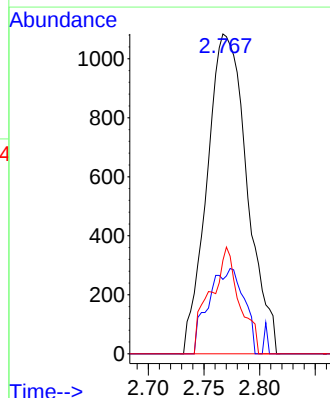
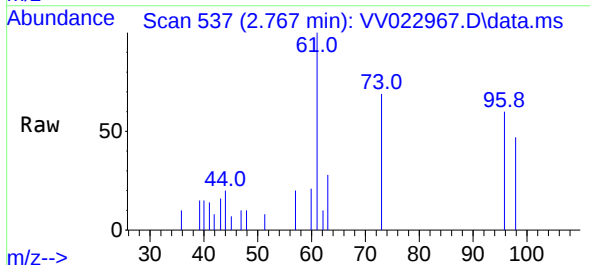
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA9DL

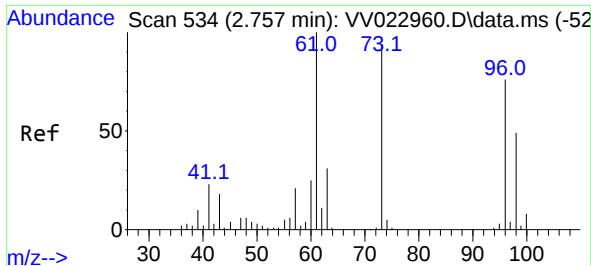
Tgt Ion: 62 Resp: 1369
 Ion Ratio Lower Upper
 62 100
 64 57.0 23.0 42.8#



#17
 Methyl tert-butyl Ether
 Concen: 0.145 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.000 min
 Lab File: VV022967.D
 Acq: 21 Oct 2021 20:25

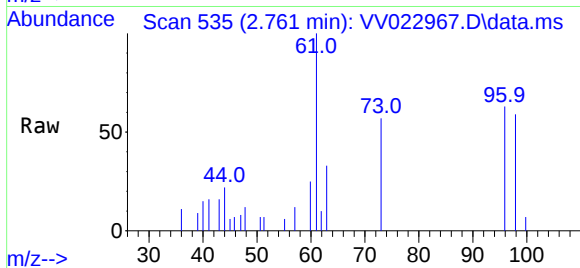
Tgt Ion: 73 Resp: 2717
 Ion Ratio Lower Upper
 73 100
 43 11.1 17.1 25.7#
 57 24.3 17.2 25.8



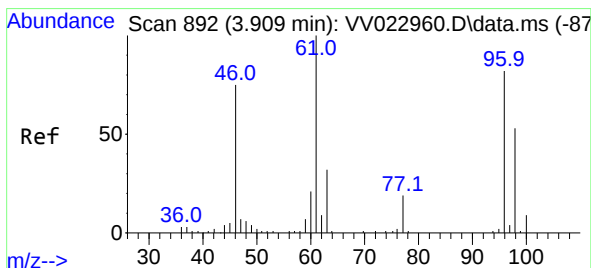
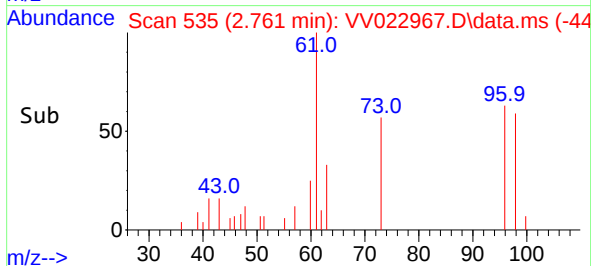
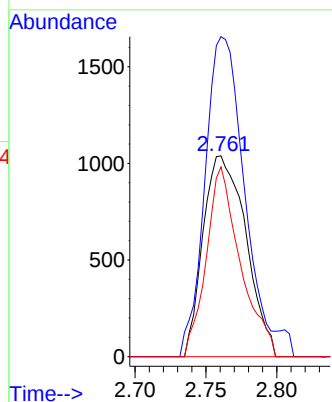


#18
trans-1,2-Dichloroethene
Concen: 0.259 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV022967.D
Acq: 21 Oct 2021 20:25

Instrument :
MSVOA_V
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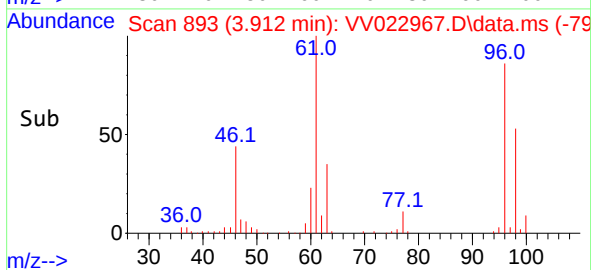
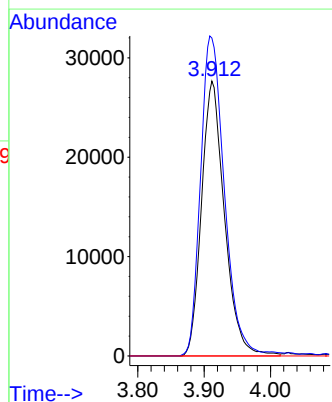
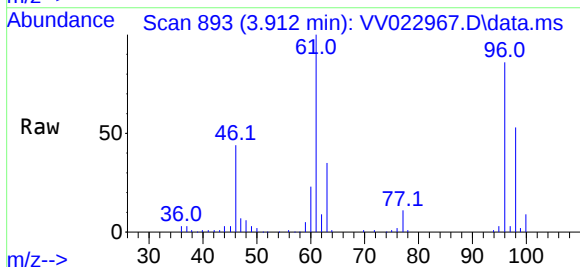


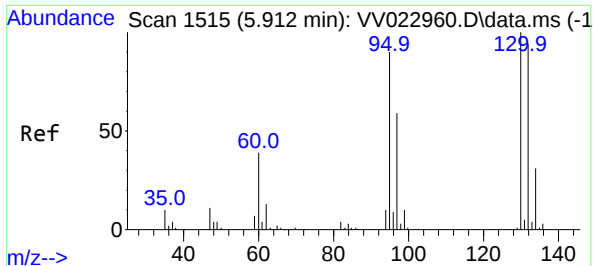
Tgt Ion: 96 Resp: 2180
Ion Ratio Lower Upper
96 100
61 159.4 94.5 175.5
98 94.5 44.2 82.0#



#22
cis-1,2-Dichloroethene
Concen: 7.534 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022967.D
Acq: 21 Oct 2021 20:25

Tgt Ion: 96 Resp: 66523
Ion Ratio Lower Upper
96 100
61 115.6 86.0 159.6
68 0.0 0.0 0.0

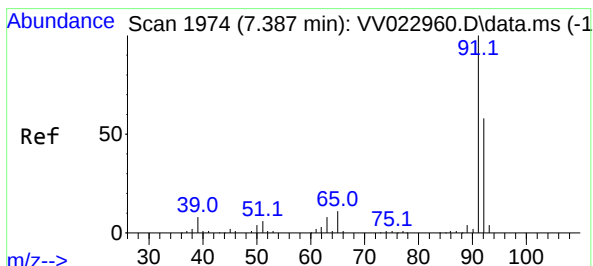
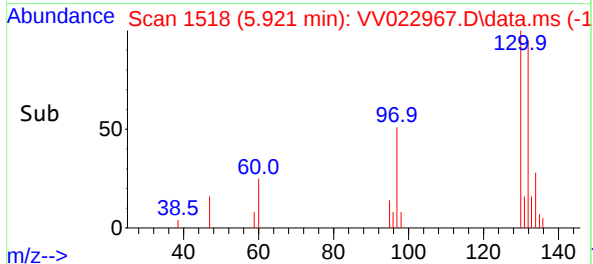
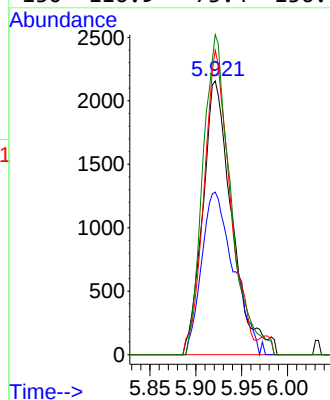
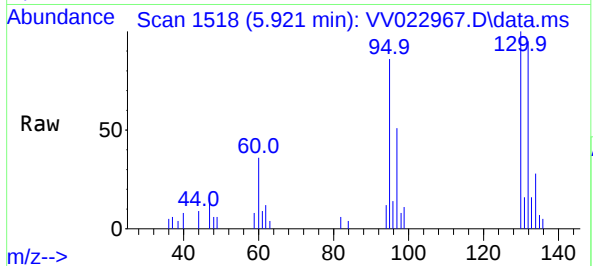




#34
Trichloroethene
Concen: 0.502 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV022967.D
Acq: 21 Oct 2021 20:25

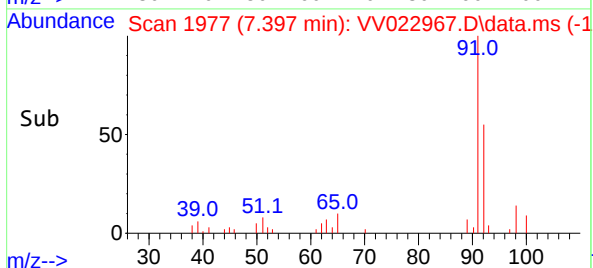
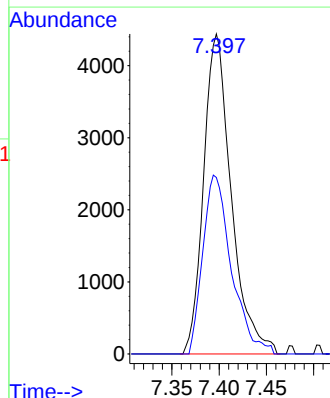
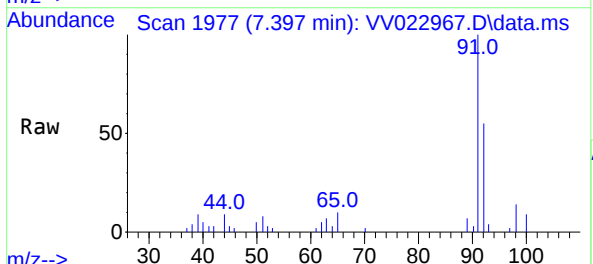
Instrument :
MSVOA_V
ClientSampleId :
BFGA9DL

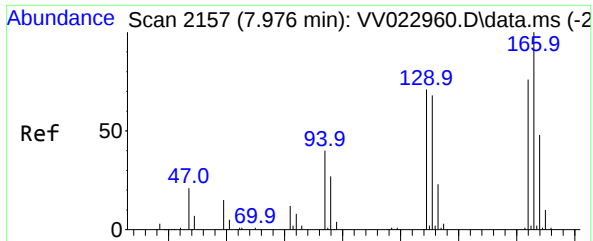
Tgt Ion: 95 Resp: 4793
Ion Ratio Lower Upper
95 100
97 59.4 45.8 85.2
132 111.1 72.2 134.0
130 116.9 73.4 136.4



#42
Toluene
Concen: 0.253 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022967.D
Acq: 21 Oct 2021 20:25

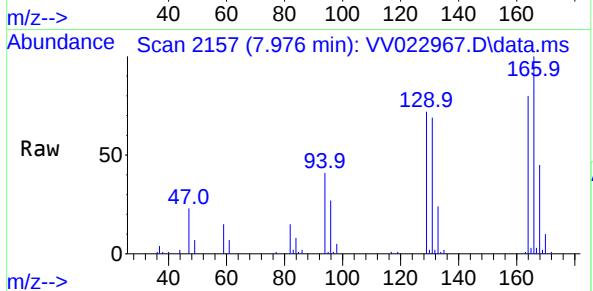
Tgt Ion: 91 Resp: 9040
Ion Ratio Lower Upper
91 100
92 55.1 40.7 75.7





#47
Tetrachloroethene
Concen: 2.481 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV022967.D
Acq: 21 Oct 2021 20:25

Instrument :
MSVOA_V
ClientSampleId :
BFGA9DL



Tgt Ion:164 Resp: 19171

Ion	Ratio	Lower	Upper
164	100		
129	90.3	65.0	120.6
131	85.5	62.2	115.4
166	124.6	89.2	165.8

