

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022946.D
 Acq On : 20 Oct 2021 21:16
 Operator : SY/MD
 Sample : M4137-09DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGB0DL

Quant Time: Oct 21 02:50:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

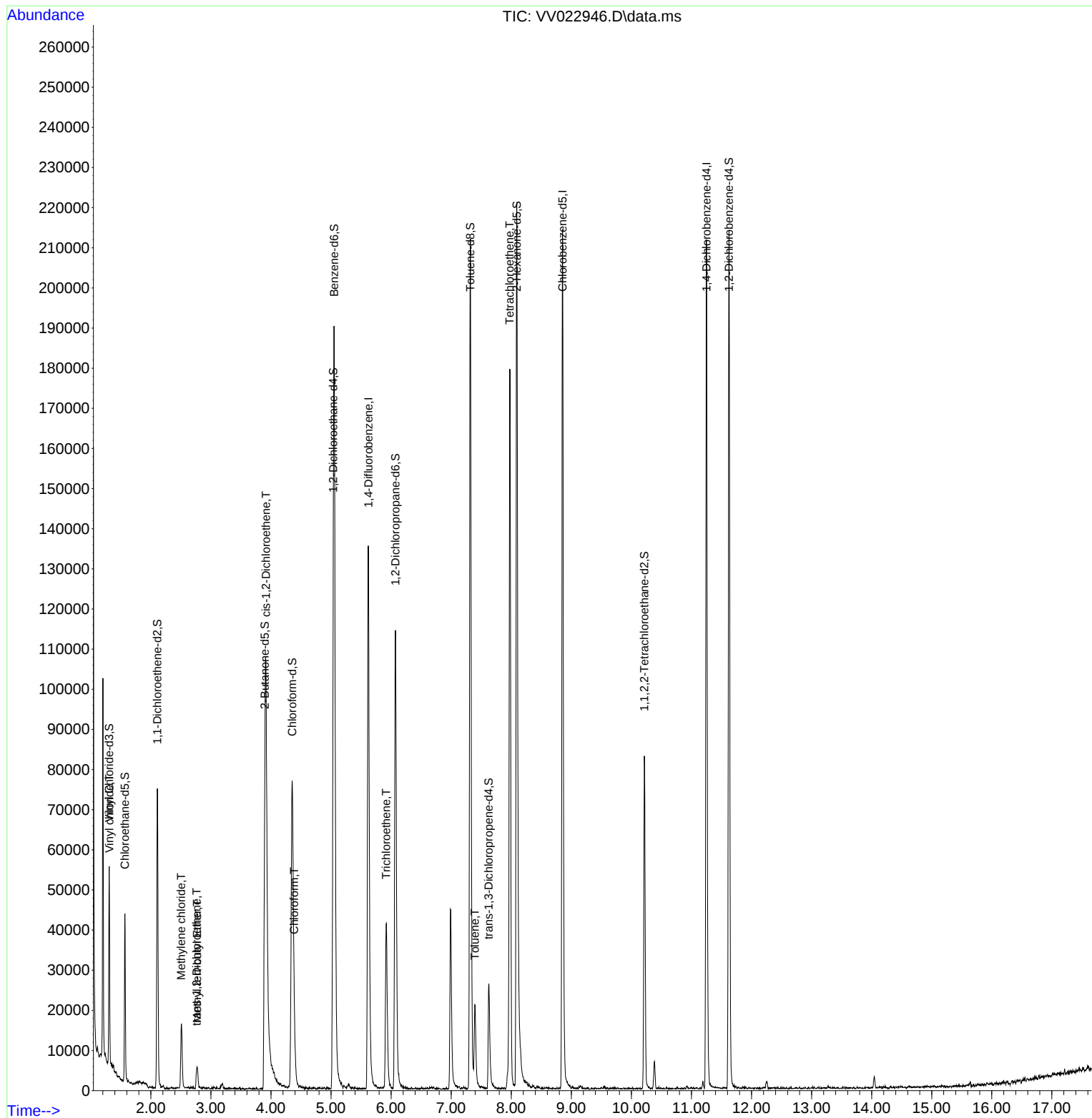
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	121327	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124069	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56727	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29805	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.568	69	24474	3.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.20%
11) 1,1-Dichloroethene-d2	2.108	63	38862	2.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.40%#
20) 2-Butanone-d5	3.899	46	95077	43.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.88%
24) Chloroform-d	4.352	84	78148	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.037	65	42450	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.053	84	172761	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.072	67	56835	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.320	98	142877	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	7.625	79	16458	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.091	63	78547	53.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.44%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40342	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	57067	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	1361	0.15	ug/L #	64
16) Methylene chloride	2.506	84	6805	0.67	ug/L	88
17) Methyl tert-butyl Ether	2.770	73	3166	0.18	ug/L #	95
18) trans-1,2-Dichloroethene	2.760	96	1041	0.13	ug/L	79
22) cis-1,2-Dichloroethene	3.915	96	42166	5.04	ug/L	96
25) Chloroform	4.384	83	15934	0.96	ug/L	90
34) Trichloroethene	5.918	95	14200	1.56	ug/L	93
42) Toluene	7.394	91	15639	0.46	ug/L	98
47) Tetrachloroethene	7.976	164	41681	5.67	ug/L	98

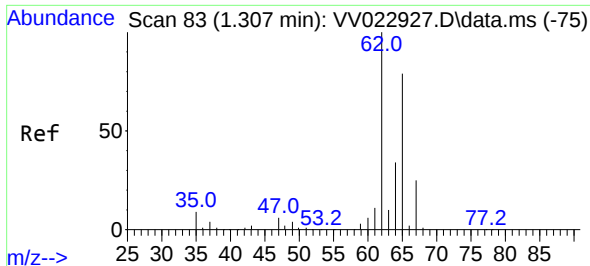
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
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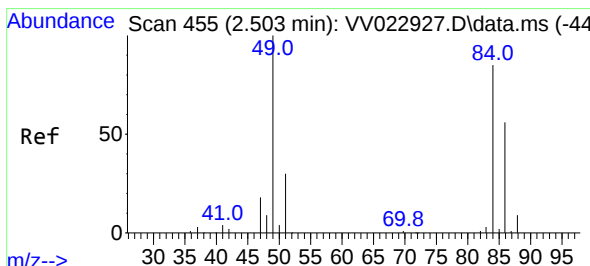
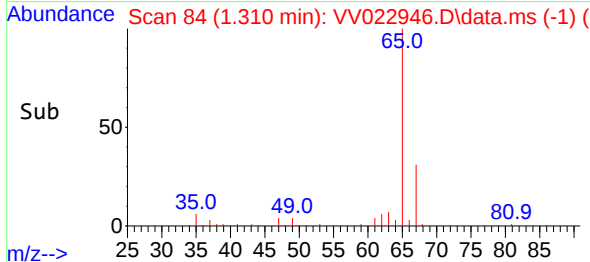
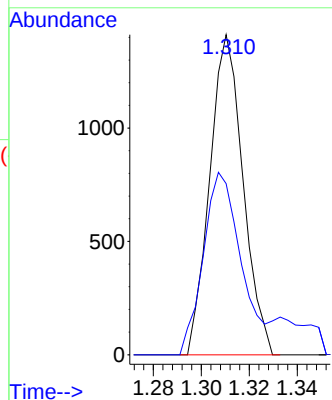
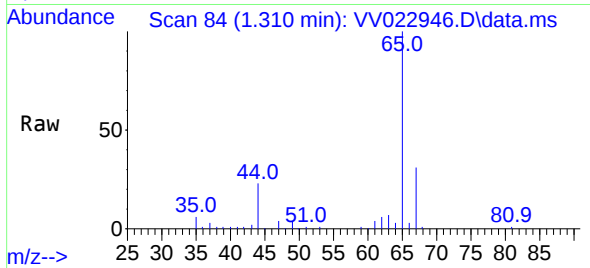




#5
 Vinyl chloride
 Concen: 0.15 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022946.D
 Acq: 20 Oct 2021 21:16

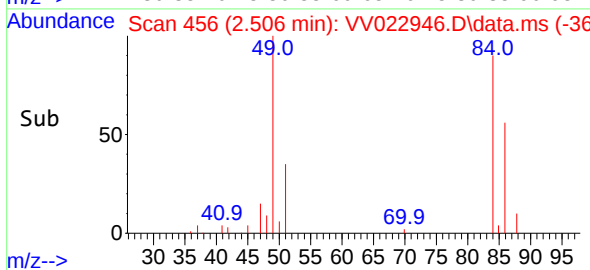
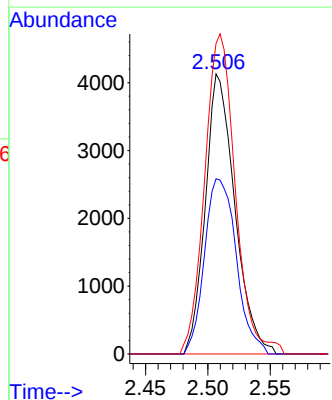
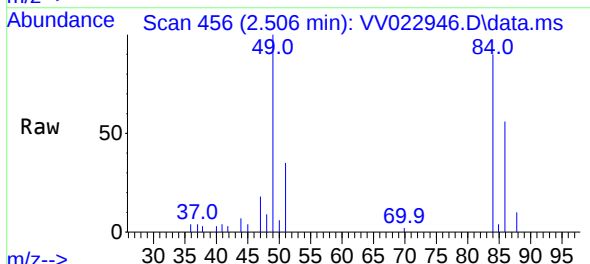
Instrument :
 MSVOA_V
 ClientSampleID :
 BFGB0DL

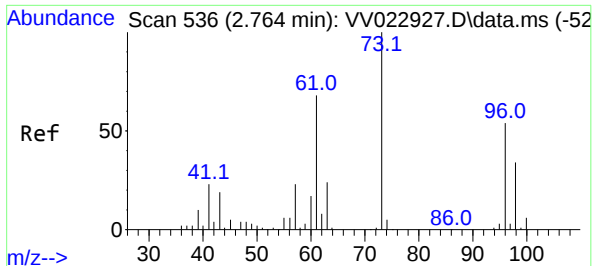
Tgt Ion: 62 Resp: 1361
 Ion Ratio Lower Upper
 62 100
 64 53.5 23.0 42.8#



#16
 Methylene chloride
 Concen: 0.67 ug/L
 RT: 2.506 min Scan# 456
 Delta R.T. 0.003 min
 Lab File: VV022946.D
 Acq: 20 Oct 2021 21:16

Tgt Ion: 84 Resp: 6805
 Ion Ratio Lower Upper
 84 100
 86 62.6 45.8 85.2
 49 110.9 90.3 167.7



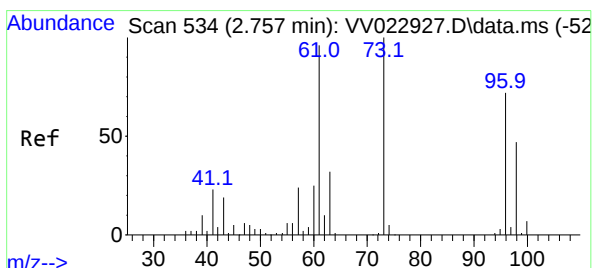
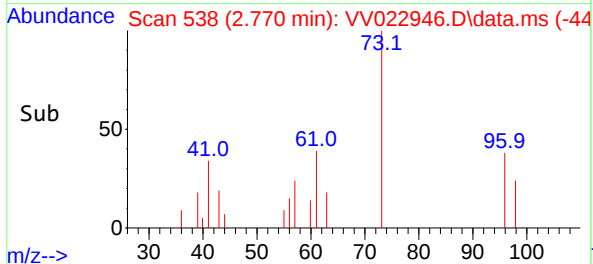
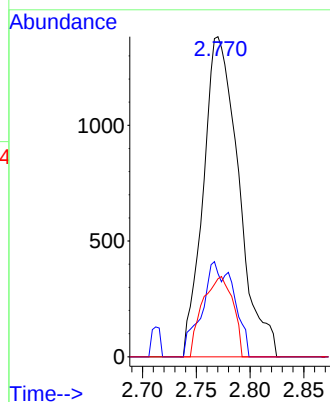
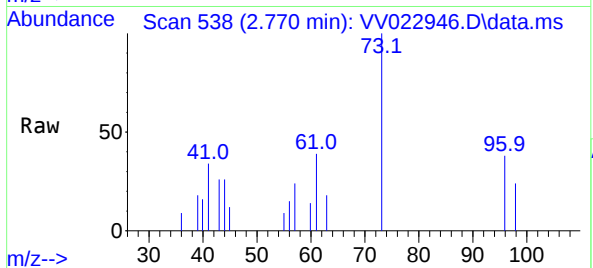


#17
Methyl tert-butyl Ether
Concen: 0.18 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022946.D
Acq: 20 Oct 2021 21:16

Instrument :
MSVOA_V
ClientSampleId :
BFGB0DL

Tgt Ion: 73 Resp: 3166

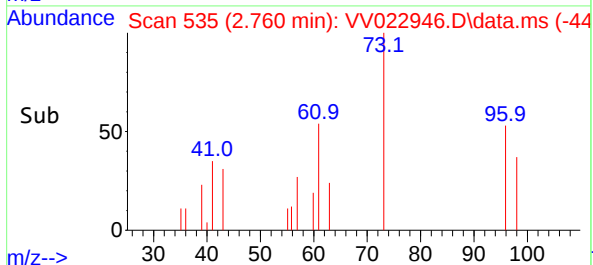
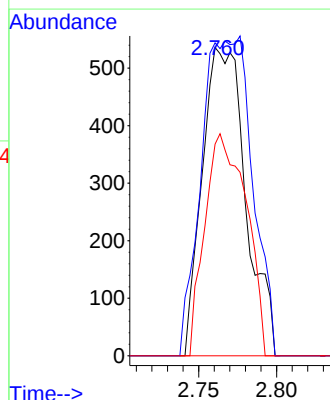
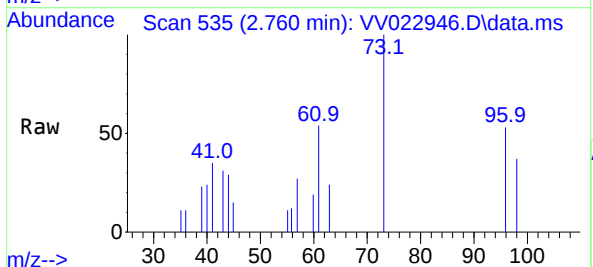
Ion	Ratio	Lower	Upper
73	100		
43	16.4	17.1	25.7#
57	21.4	17.2	25.8

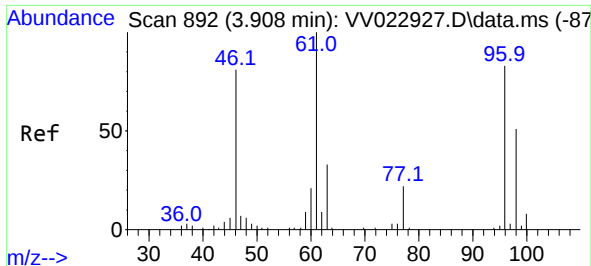


#18
trans-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022946.D
Acq: 20 Oct 2021 21:16

Tgt Ion: 96 Resp: 1041

Ion	Ratio	Lower	Upper
96	100		
61	101.5	94.5	175.5
98	68.7	44.2	82.0

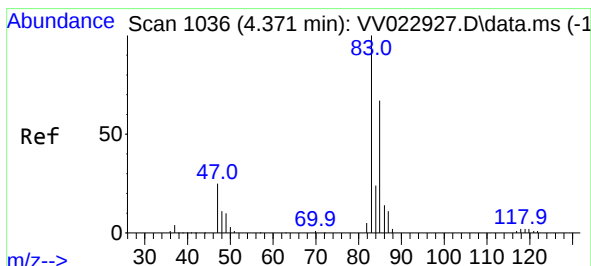
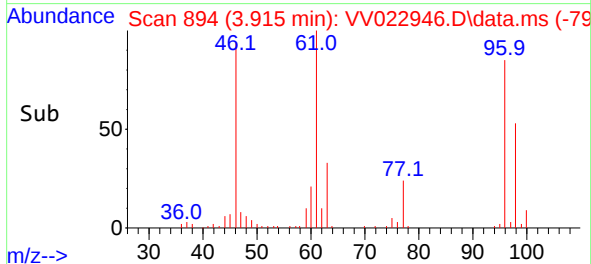
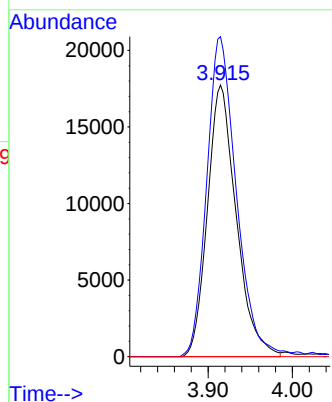
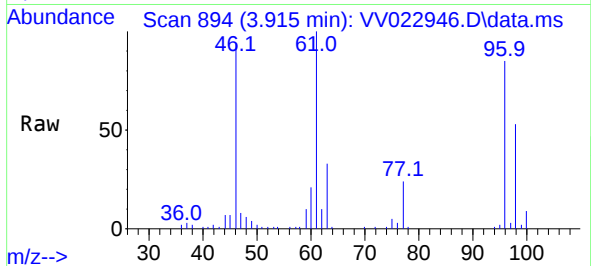




#22
cis-1,2-Dichloroethene
Concen: 5.04 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022946.D
Acq: 20 Oct 2021 21:16

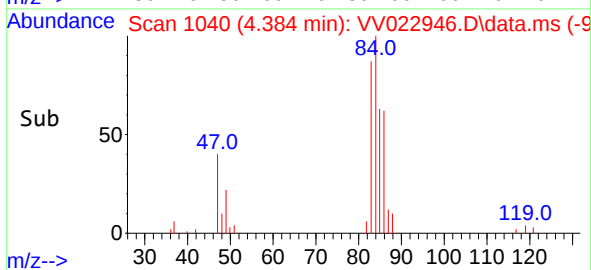
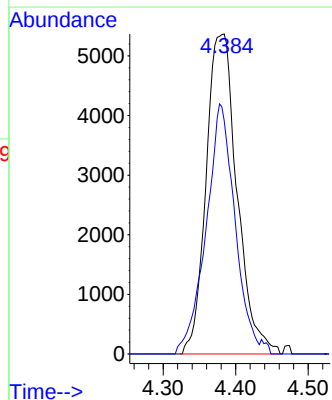
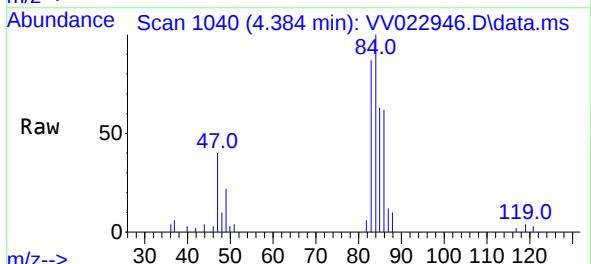
Instrument :
MSVOA_V
ClientSampleId :
BFGB0DL

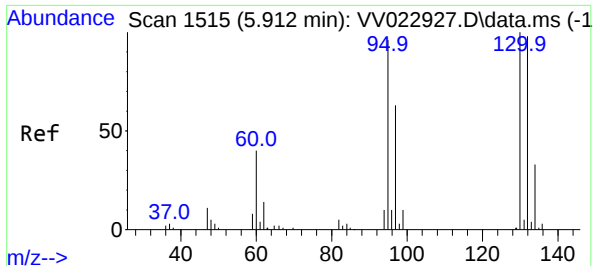
Tgt Ion: 96 Resp: 42166
Ion Ratio Lower Upper
96 100
61 117.8 86.0 159.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.96 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV022946.D
Acq: 20 Oct 2021 21:16

Tgt Ion: 83 Resp: 15934
Ion Ratio Lower Upper
83 100
85 72.9 45.7 84.9

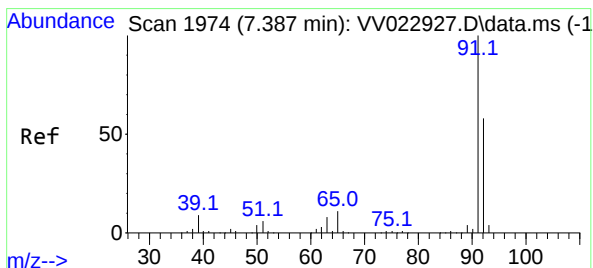
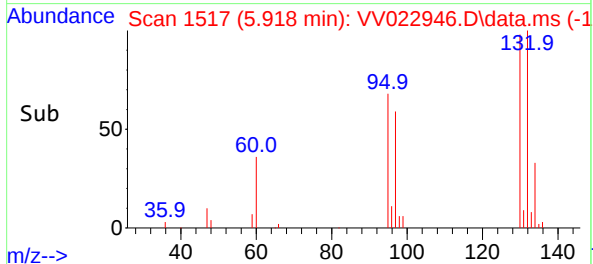
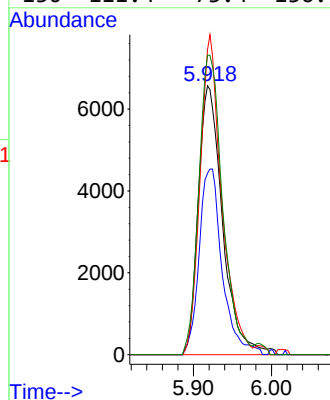
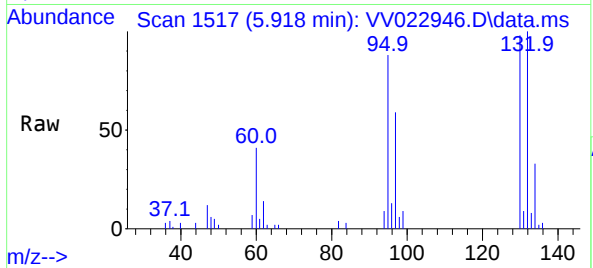




#34
Trichloroethene
Concen: 1.56 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022946.D
Acq: 20 Oct 2021 21:16

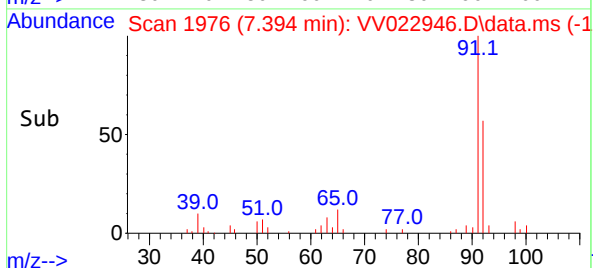
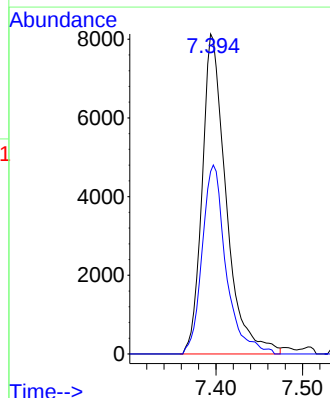
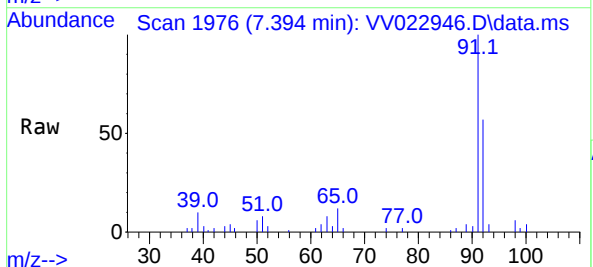
Instrument :
MSVOA_V
ClientSampled :
BFGB0DL

Tgt Ion: 95 Resp: 14200
Ion Ratio Lower Upper
95 100
97 67.4 45.8 85.2
132 113.5 72.2 134.0
130 111.4 73.4 136.4

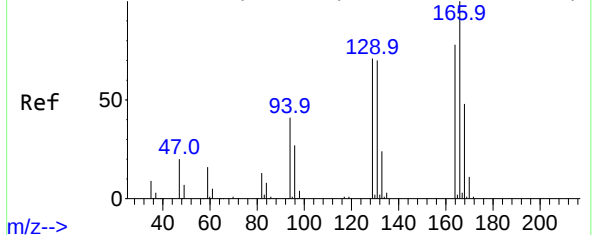


#42
Toluene
Concen: 0.46 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV022946.D
Acq: 20 Oct 2021 21:16

Tgt Ion: 91 Resp: 15639
Ion Ratio Lower Upper
91 100
92 57.0 40.7 75.7

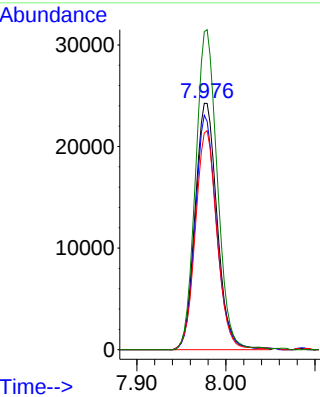


Abundance Scan 2157 (7.976 min): VV022927.D\data.ms (-2



#47
Tetrachloroethene
Concen: 5.67 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022946.D
Acq: 20 Oct 2021 21:16

Tgt Ion:164	Resp:	41681
Ion	Ratio	Lower Upper
164	100	
129	95.1	65.0 120.6
131	87.9	62.2 115.4
166	129.0	89.2 165.8



Instrument :
MSVOA_V
ClientSampleId :
BFGB0DL