

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022627.D
 Acq On : 06 Oct 2021 16:13
 Operator : SY/MD
 Sample : M4051-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:18:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

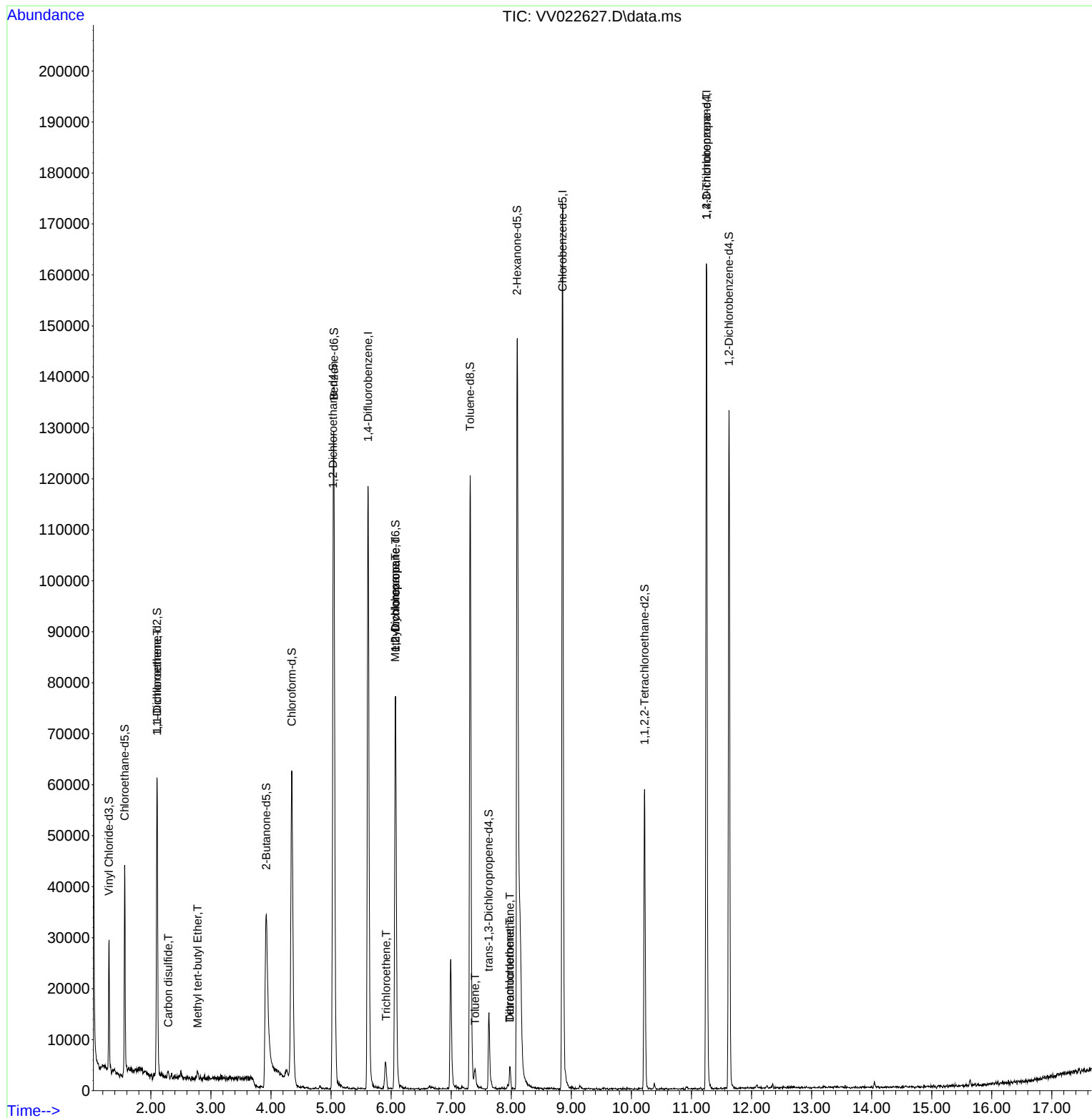
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	103515	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	100404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	14919	4.498	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.564	69	24303	5.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.800%	
11) 1,1-Dichloroethene-d2	2.101	63	30550	3.175	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.400%	
20) 2-Butanone-d5	3.921	46	75245	38.380	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.760%	
24) Chloroform-d	4.346	84	63335	4.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.034	65	31337	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.046	84	106820	4.721	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	6.072	67	37827	4.739	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.316	98	80866	4.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.625	79	9130	4.322	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.098	63	60879	46.543	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.080%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	28365	4.677	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	36875	5.180	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.104	96	405	0.064	ug/L #	1
14) Carbon disulfide	2.291	76	1444	0.078	ug/L #	79
17) Methyl tert-butyl Ether	2.776	73	982	0.061	ug/L #	67
34) Trichloroethene	5.915	95	626	0.080	ug/L	79
35) Methylcyclohexane	6.069	83	8968	0.814	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4272	0.647	ug/L #	84
42) Toluene	7.400	91	2732	0.096	ug/L	96
47) Tetrachloroethene	7.976	164	1166	0.191	ug/L	88
49) Dibromochloromethane	7.979	129	954	0.164	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4477	1.312	ug/L #	59

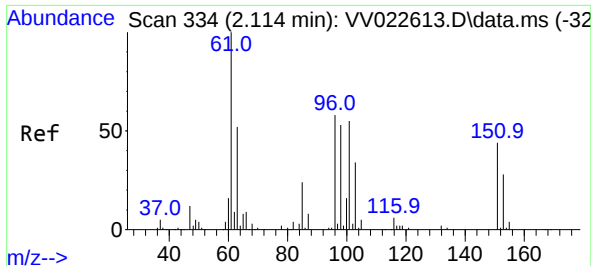
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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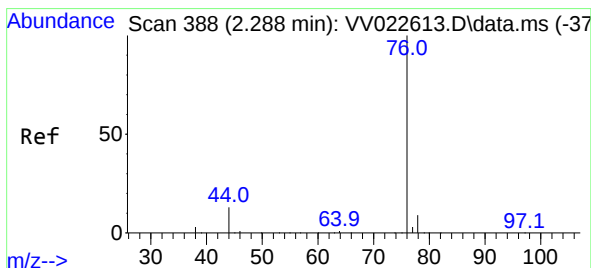
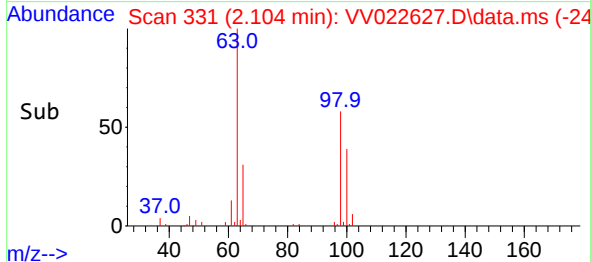
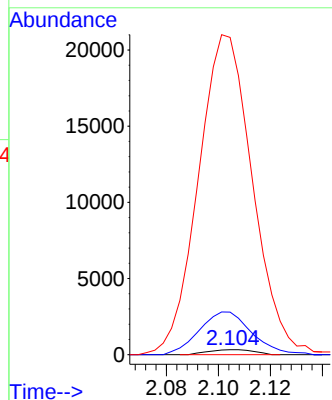
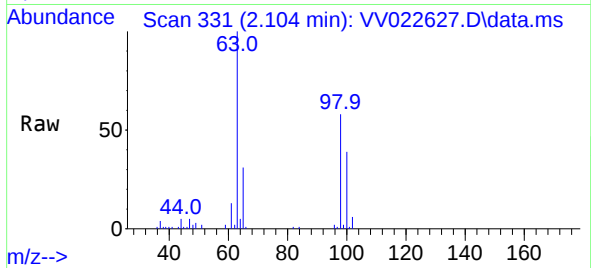




#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022627.D
Acq: 06 Oct 2021 16:13

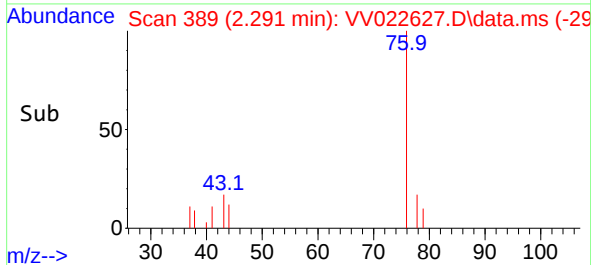
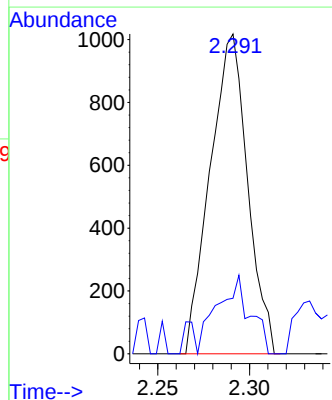
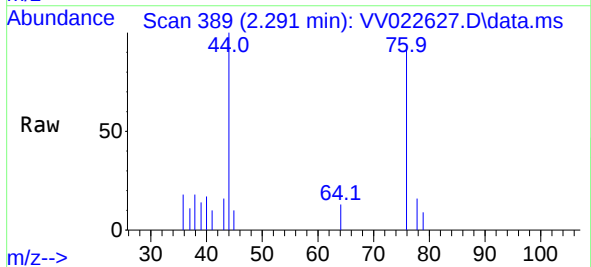
Instrument :
MSVOA_V
ClientSampled :

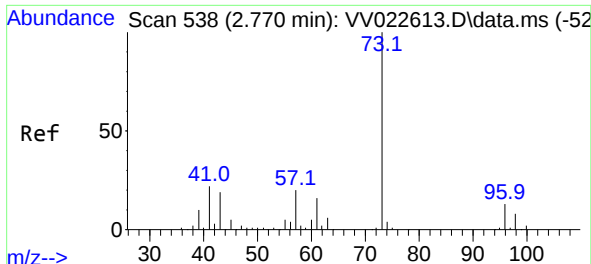
Tgt Ion: 96 Resp: 405
Ion Ratio Lower Upper
96 100
61 847.0 113.2 210.2#
63 6312.7 66.6 123.8#



#14
Carbon disulfide
Concen: 0.078 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022627.D
Acq: 06 Oct 2021 16:13

Tgt Ion: 76 Resp: 1444
Ion Ratio Lower Upper
76 100
78 17.4 7.8 11.6#

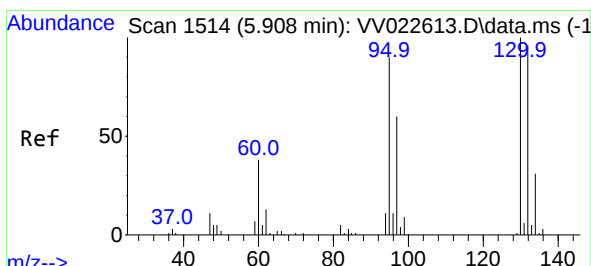
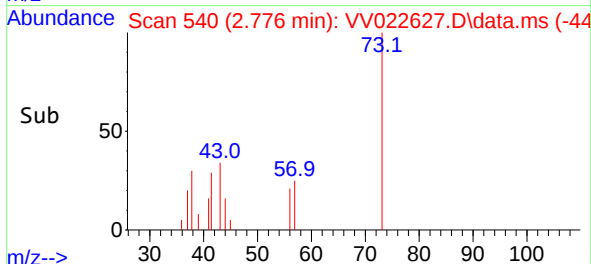
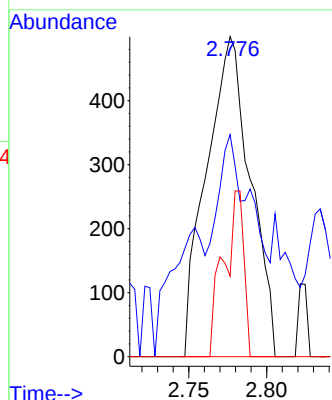
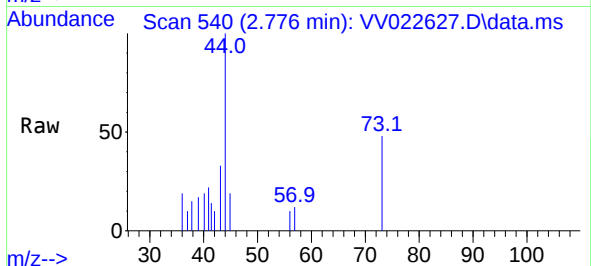




#17
Methyl tert-butyl Ether
Concen: 0.061 ug/L
RT: 2.776 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV022627.D
Acq: 06 Oct 2021 16:13

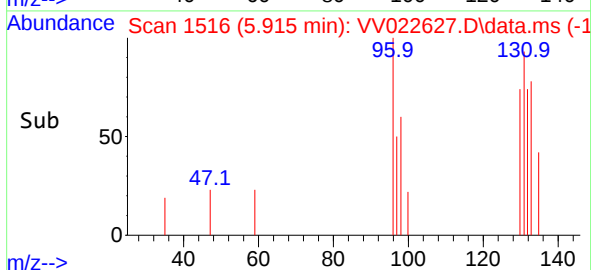
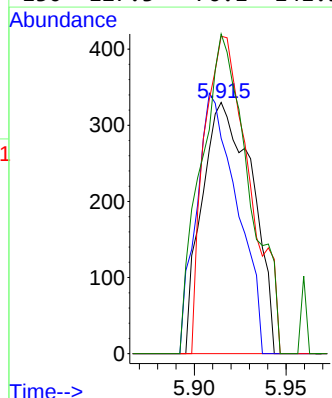
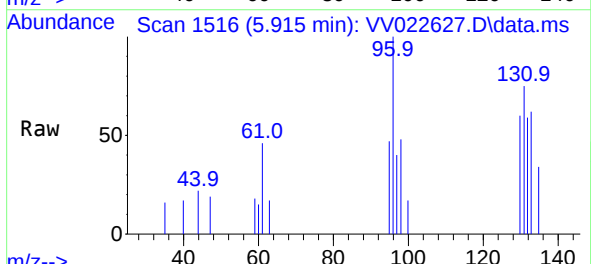
Instrument :
MSVOA_V
ClientSampled :

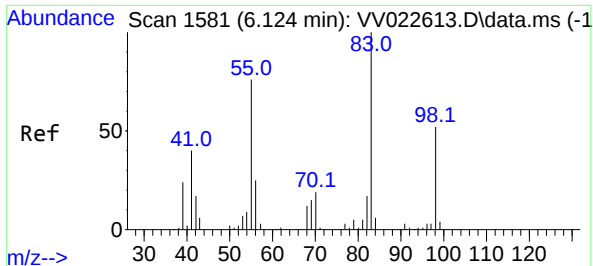
Tgt Ion: 73 Resp: 982
Ion Ratio Lower Upper
73 100
43 50.2 16.3 24.5#
57 23.7 17.5 26.3



#34
Trichloroethene
Concen: 0.080 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022627.D
Acq: 06 Oct 2021 16:13

Tgt Ion: 95 Resp: 626
Ion Ratio Lower Upper
95 100
97 85.8 46.5 86.5
132 126.4 73.0 135.6
130 127.3 76.1 141.3





#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 6.069 min Scan# 1564

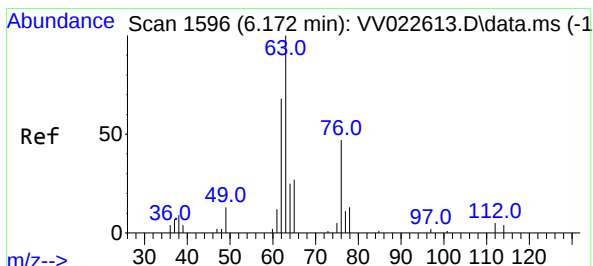
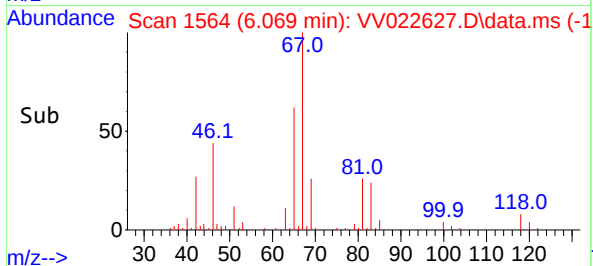
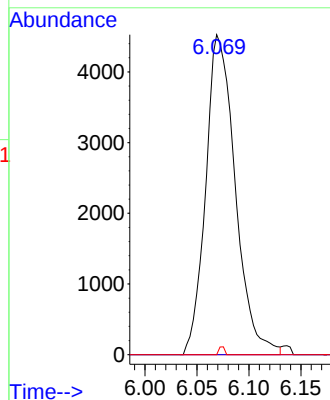
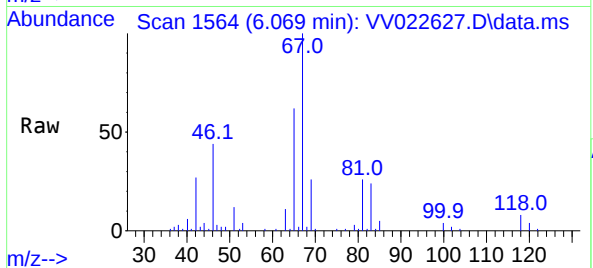
Delta R.T. -0.055 min

Lab File: VV022627.D

Acq: 06 Oct 2021 16:13

Tgt Ion:	83	Resp:	8968
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.5	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.647 ug/L

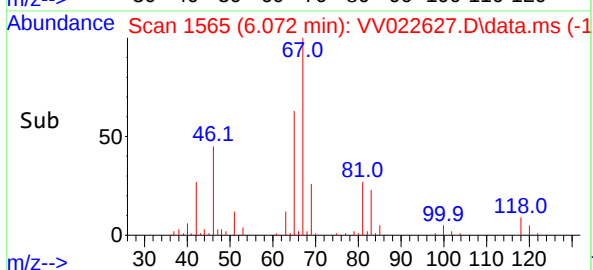
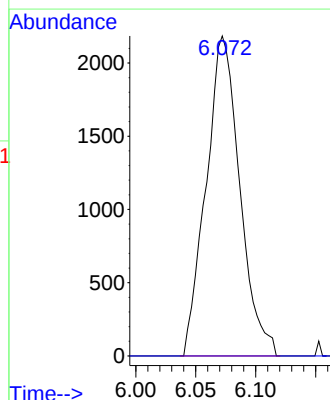
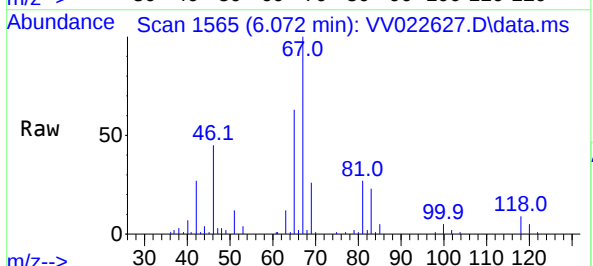
RT: 6.072 min Scan# 1565

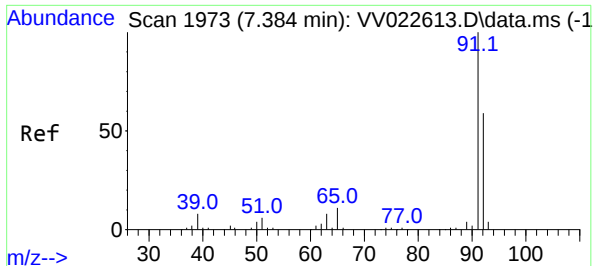
Delta R.T. -0.100 min

Lab File: VV022627.D

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Tgt Ion:	63	Resp:	4272
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

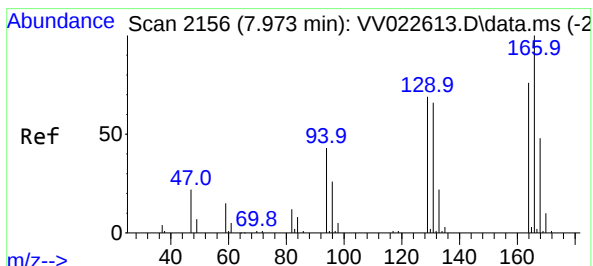
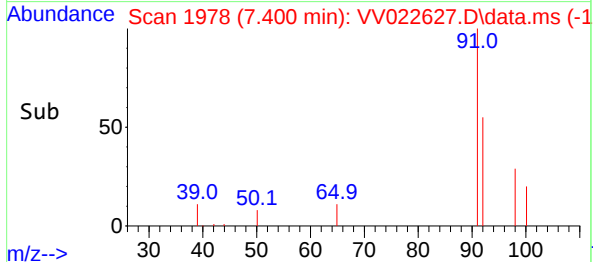
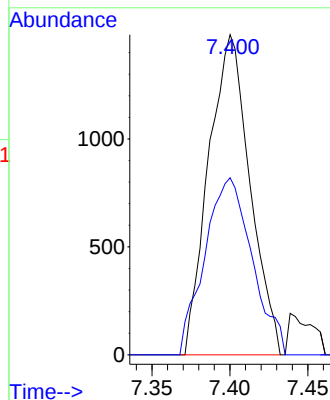
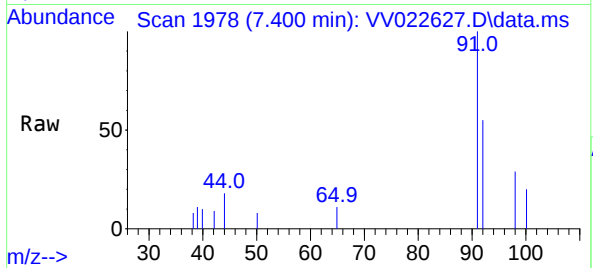




#42
Toluene
Concen: 0.096 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022627.D
Acq: 06 Oct 2021 16:13

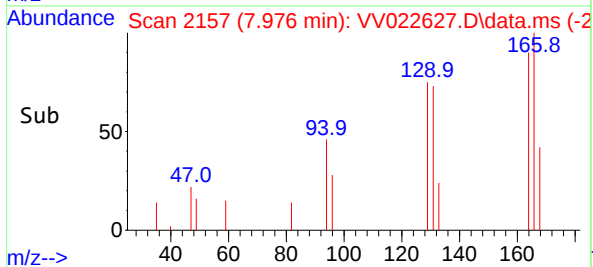
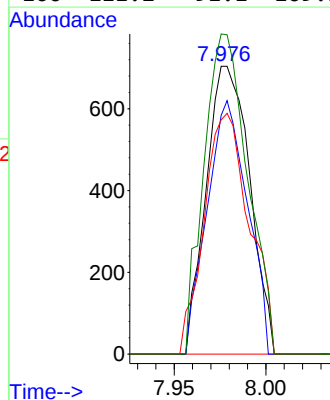
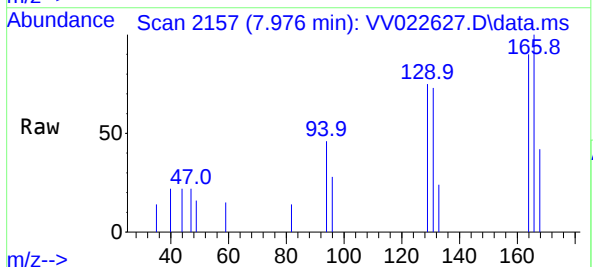
Instrument :
MSVOA_V
ClientSampled :

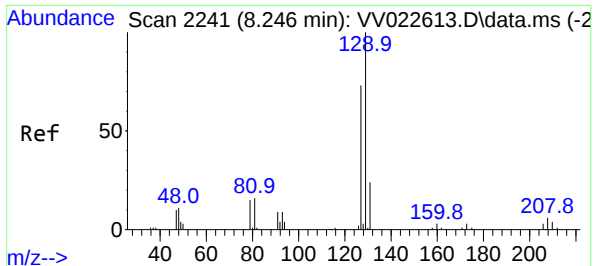
Tgt Ion: 91 Resp: 2732
Ion Ratio Lower Upper
91 100
92 55.3 40.5 75.3



#47
Tetrachloroethene
Concen: 0.191 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022627.D
Acq: 06 Oct 2021 16:13

Tgt Ion: 164 Resp: 1166
Ion Ratio Lower Upper
164 100
129 83.0 65.5 121.6
131 81.4 62.4 116.0
166 111.2 91.1 169.3





#49

Dibromochloromethane

Concen: 0.164 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022627.D

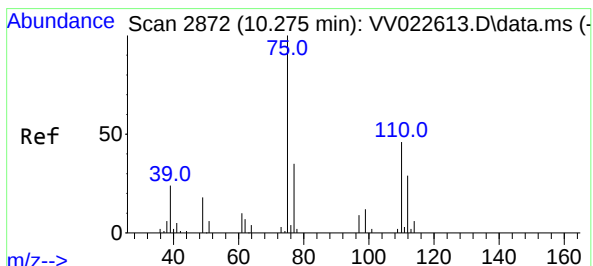
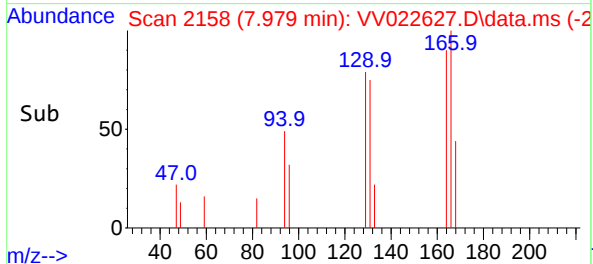
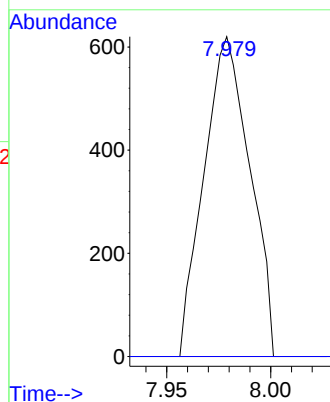
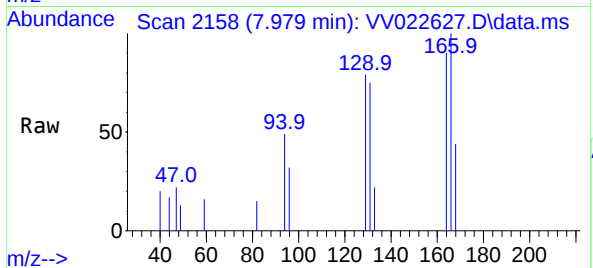
Acq: 06 Oct 2021 16:13

Tgt Ion:129 Resp: 954

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.312 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022627.D

Acq: 06 Oct 2021 16:13

Tgt Ion: 75 Resp: 4477

Ion Ratio Lower Upper

75 100

77 39.4 26.1 39.1#

110 0.9 33.0 49.6#

