

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022632.D
 Acq On : 06 Oct 2021 18:13
 Operator : SY/MD
 Sample : M4051-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:18:53 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

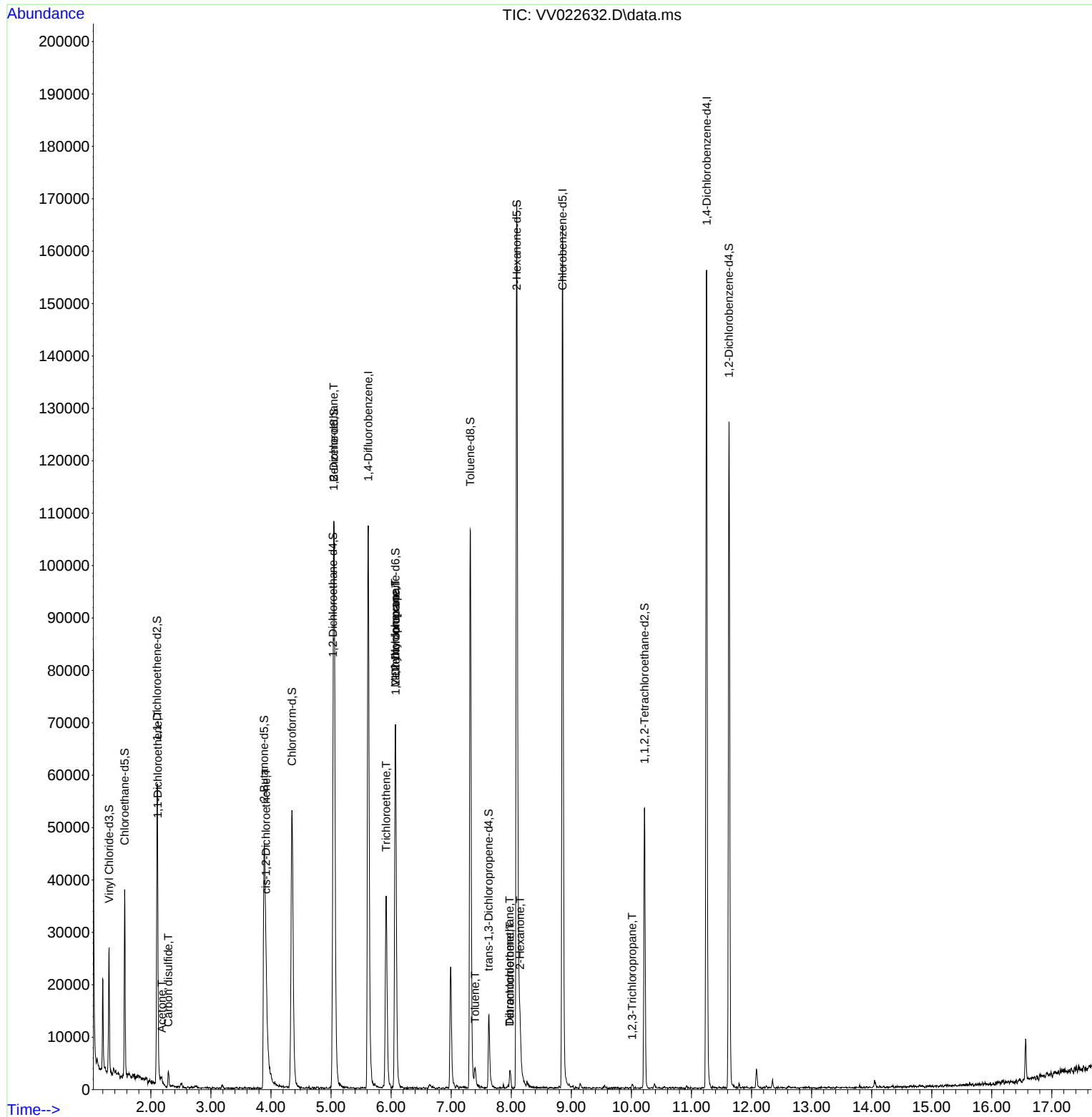
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96050	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	43648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13566	4.408	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.564	69	20133	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.105	63	28804	3.226	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	3.886	46	83548	45.928	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.860%
24) Chloroform-d	4.349	84	56409	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.034	65	27345	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.050	84	96731	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	34064	4.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.320	98	74843	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.625	79	8457	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.092	63	55007	44.481	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.960%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	25692	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	33842	5.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	2367	0.402	ug/L #	1
13) Acetone	2.182	43	1978	2.022	ug/L #	45
14) Carbon disulfide	2.291	76	3559	0.207	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	3605	0.518	ug/L	97
27) 1,2-Dichloroethane	5.043	62	508	0.076	ug/L #	74
34) Trichloroethene	5.918	95	12306	1.655	ug/L	94
35) Methylcyclohexane	6.069	83	8399	0.806	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	3766	0.603	ug/L #	84
42) Toluene	7.400	91	3414	0.127	ug/L	83
47) Tetrachloroethene	7.979	164	760	0.131	ug/L #	87
48) 2-Hexanone	8.146	43	6784	2.743	ug/L #	92
49) Dibromochloromethane	7.976	129	838	0.152	ug/L #	12
61) 1,2,3-Trichloropropane	10.011	75	485	0.150	ug/L #	38

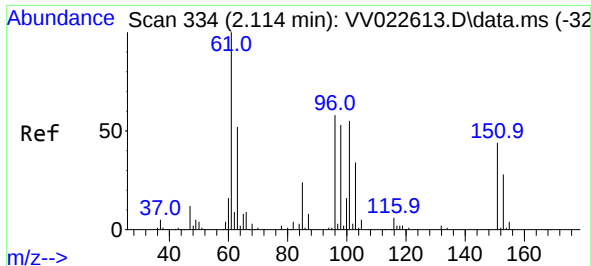
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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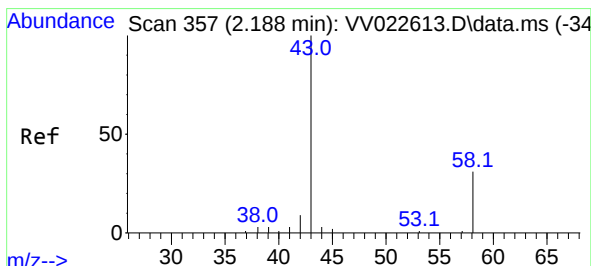
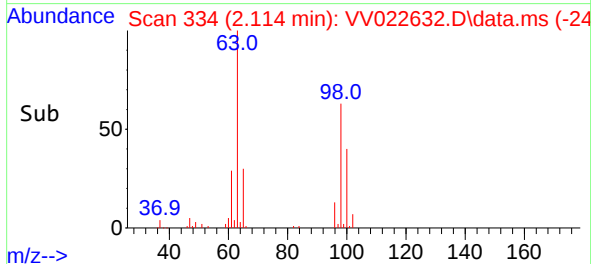
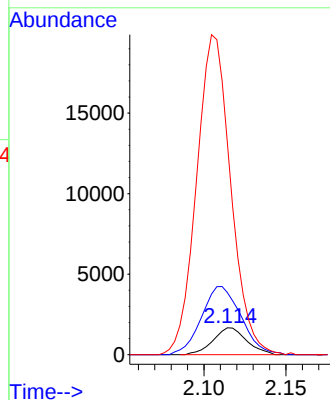
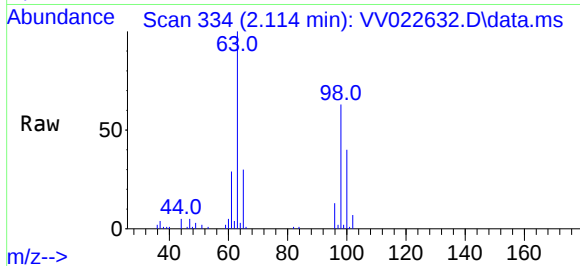




#12
1,1-Dichloroethene
Concen: 0.402 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

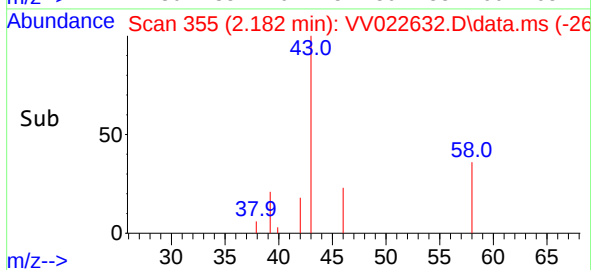
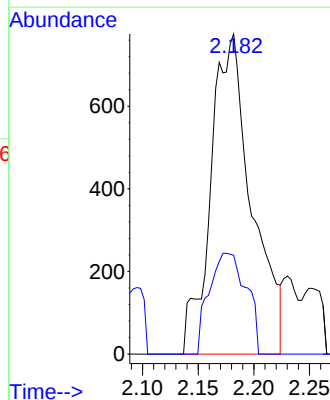
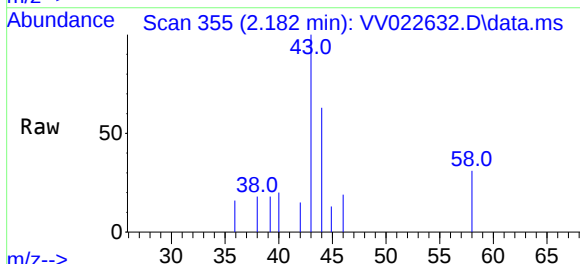
Instrument :
MSVOA_V
ClientSampled :

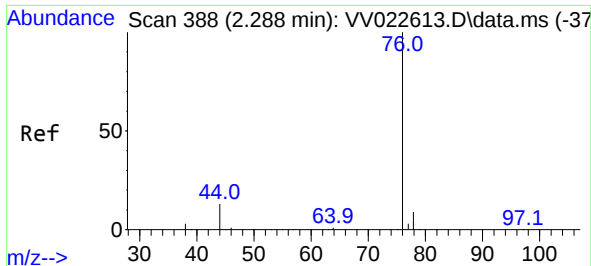
Tgt Ion: 96 Resp: 2367
Ion Ratio Lower Upper
96 100
61 230.2 113.2 210.2#
63 784.7 66.6 123.8#



#13
Acetone
Concen: 2.022 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.006 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

Tgt Ion: 43 Resp: 1978
Ion Ratio Lower Upper
43 100
58 28.5 0.0 17.6#

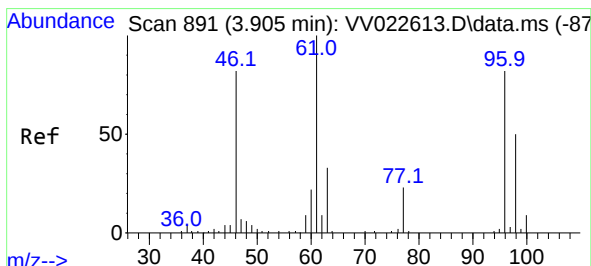
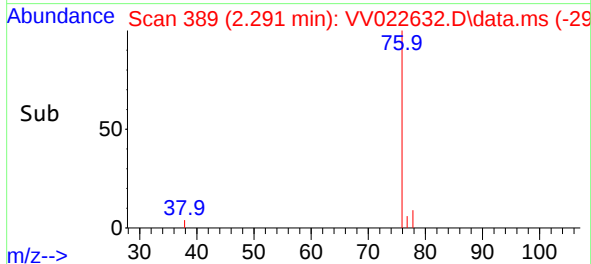
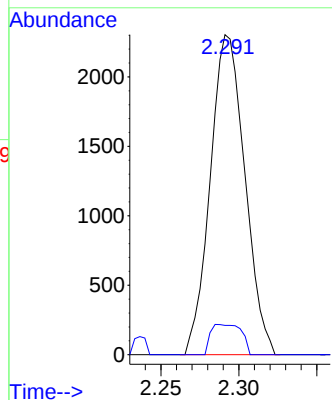
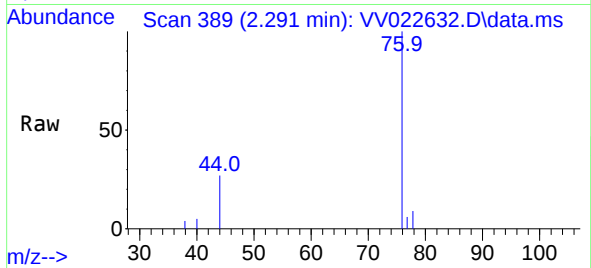




#14
Carbon disulfide
Concen: 0.207 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

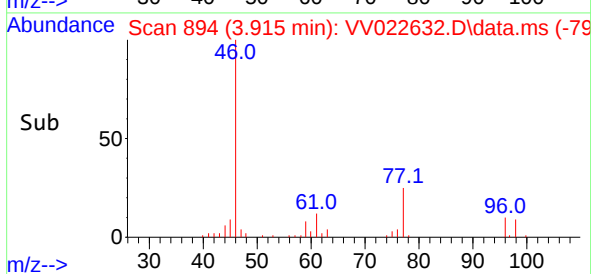
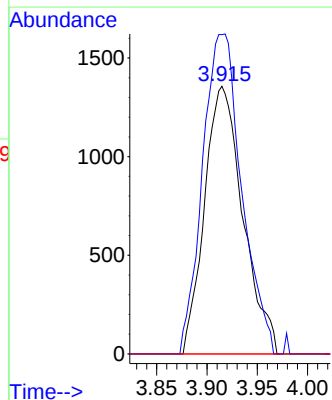
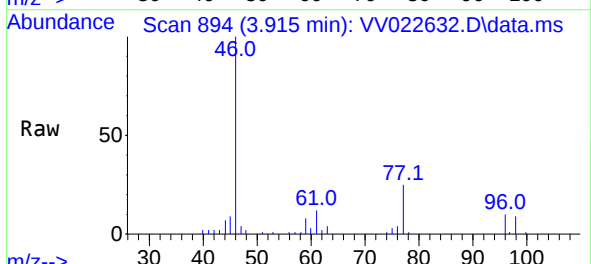
Instrument :
MSVOA_V
ClientSampled :

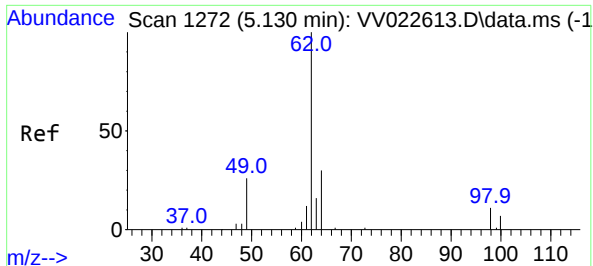
Tgt Ion: 76 Resp: 3559
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6



#22
cis-1,2-Dichloroethene
Concen: 0.518 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

Tgt Ion: 96 Resp: 3605
Ion Ratio Lower Upper
96 100
61 119.3 85.6 159.0
68 0.0 0.0 0.0

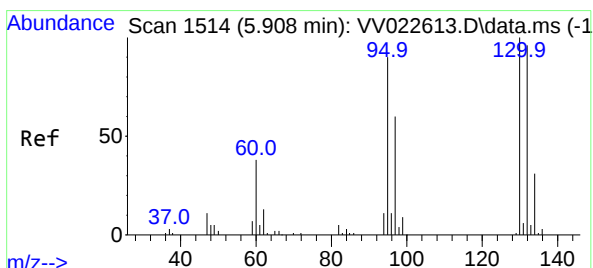
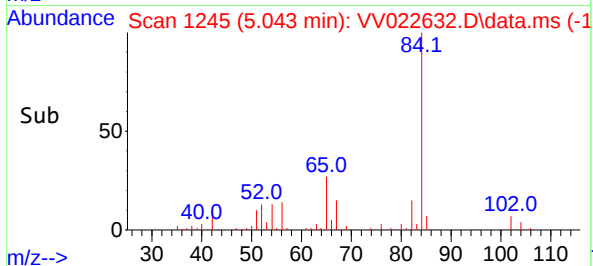
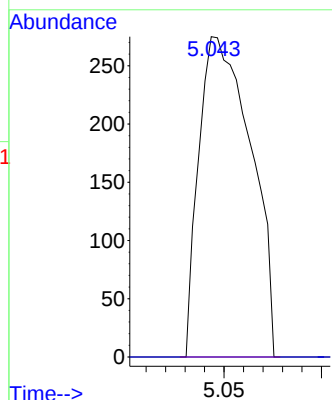
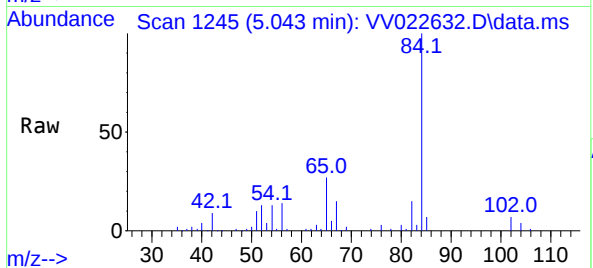




#27
1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

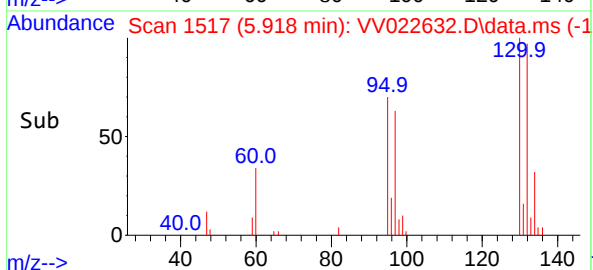
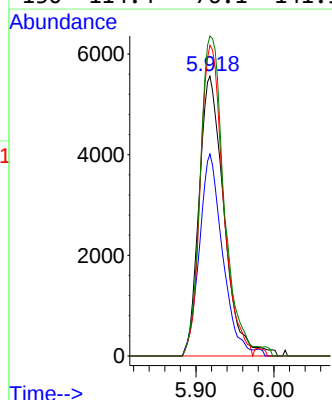
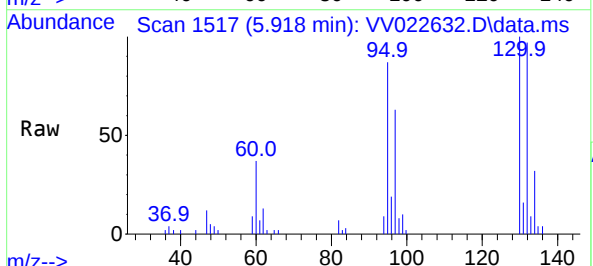
Instrument :
MSVOA_V
ClientSampled :

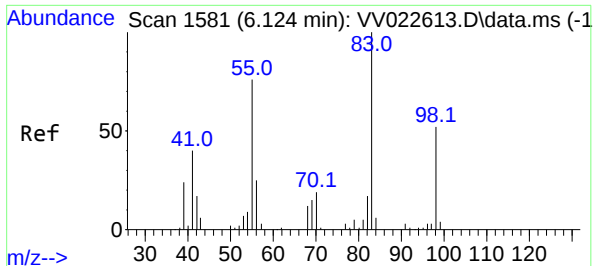
Tgt Ion: 62 Resp: 508
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#



#34
Trichloroethene
Concen: 1.655 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

Tgt Ion: 95 Resp: 12306
Ion Ratio Lower Upper
95 100
97 72.2 46.5 86.5
132 111.0 73.0 135.6
130 114.4 76.1 141.3





#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.069 min Scan# 1564

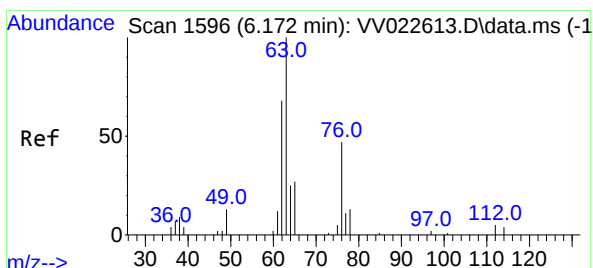
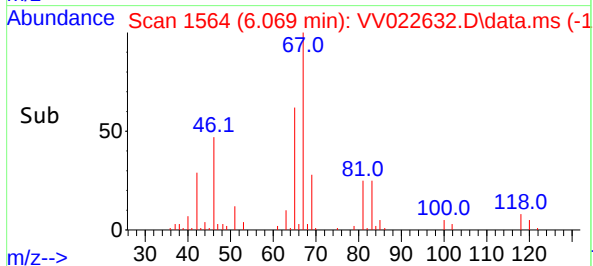
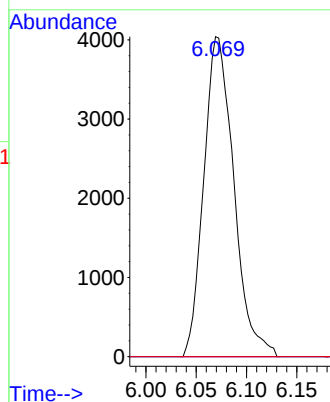
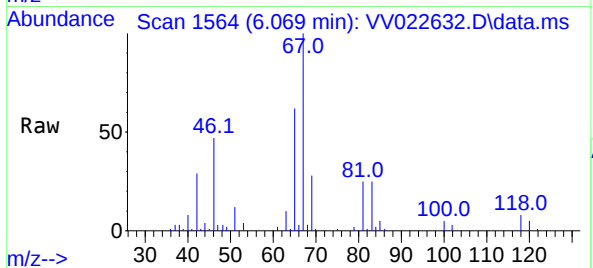
Delta R.T. -0.055 min

Lab File: VV022632.D

Acq: 06 Oct 2021 18:13

Tgt Ion:	83	Resp:	8399
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.9	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.603 ug/L

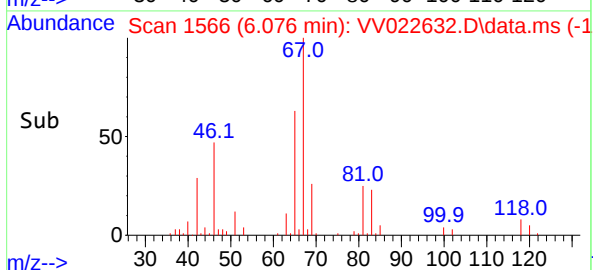
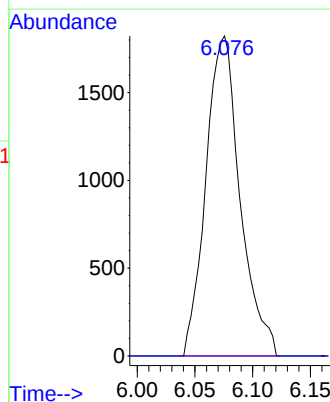
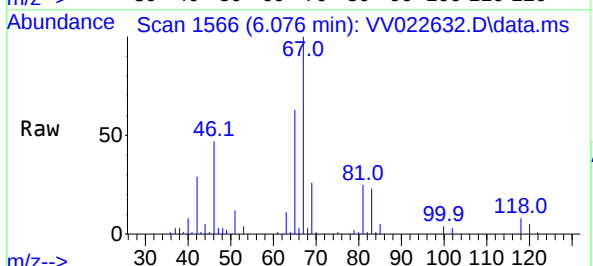
RT: 6.076 min Scan# 1566

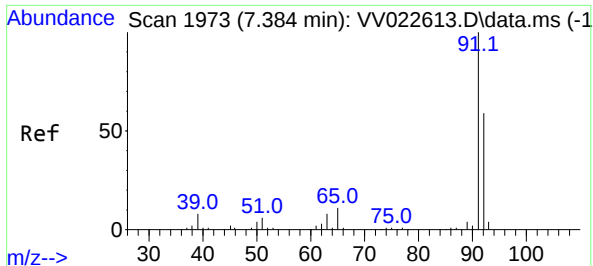
Delta R.T. -0.096 min

Lab File: VV022632.D

Acq: 06 Oct 2021 18:13

Tgt Ion:	63	Resp:	3766
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

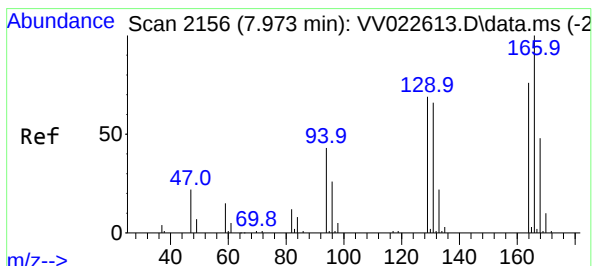
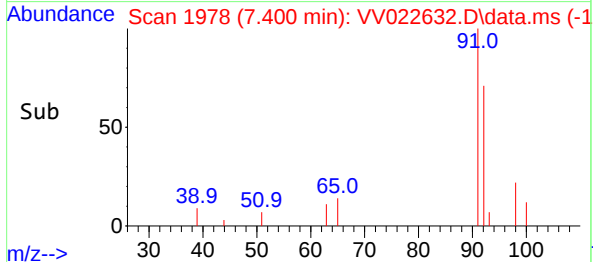
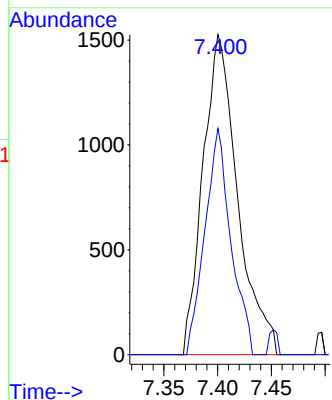
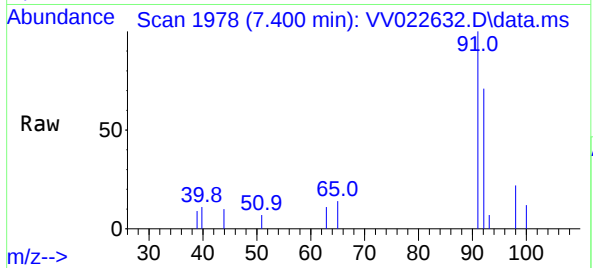




#42
Toluene
Concen: 0.127 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

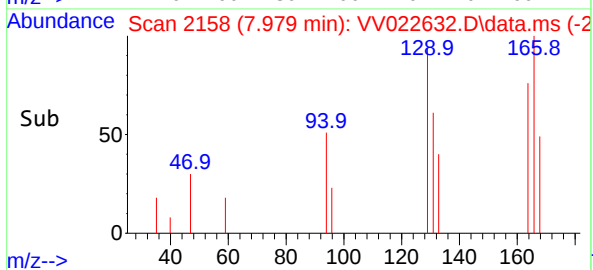
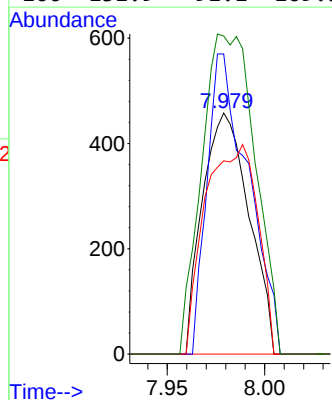
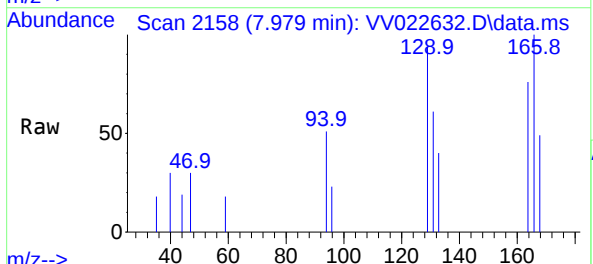
Instrument :
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ClientSampleId :

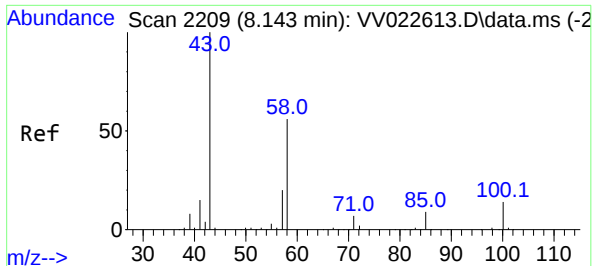
Tgt Ion: 91 Resp: 3414
Ion Ratio Lower Upper
91 100
92 70.6 40.5 75.3



#47
Tetrachloroethene
Concen: 0.131 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

Tgt Ion: 164 Resp: 760
Ion Ratio Lower Upper
164 100
129 124.5 65.5 121.6#
131 80.1 62.4 116.0
166 131.9 91.1 169.3



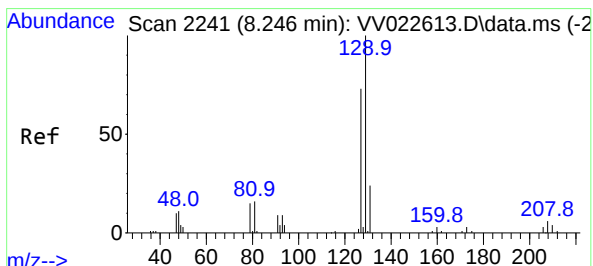
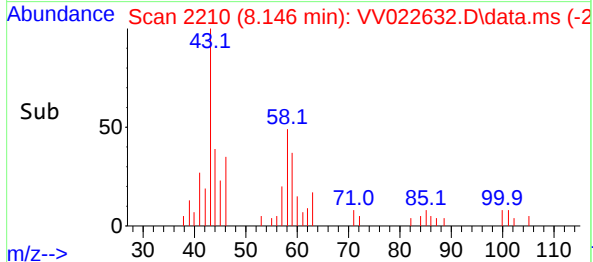
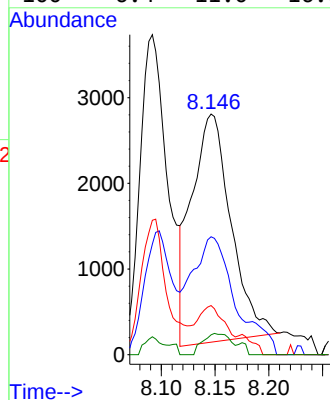
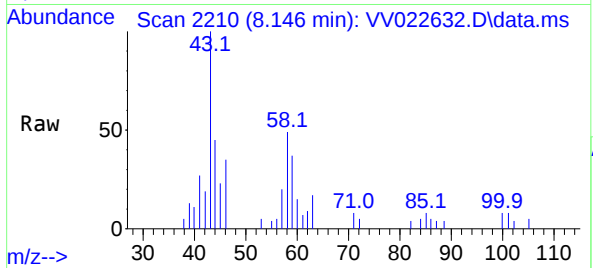


#48
2-Hexanone
Concen: 2.743 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 6784

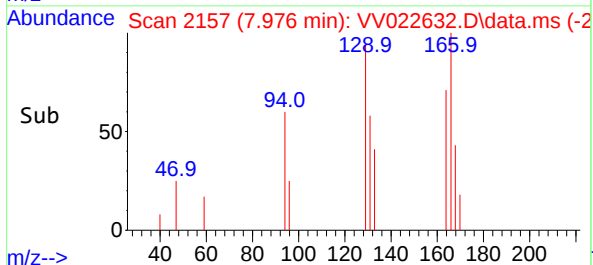
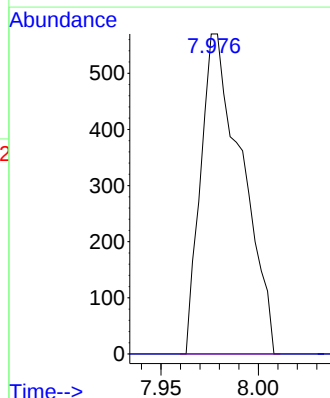
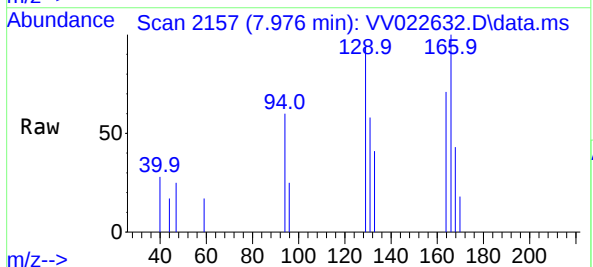
Ion	Ratio	Lower	Upper
43	100		
58	57.9	46.4	69.6
57	9.2	16.3	24.5#
100	6.4	11.0	16.6#

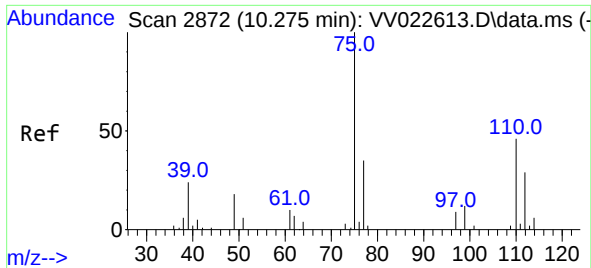


#49
Dibromochloromethane
Concen: 0.152 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022632.D
Acq: 06 Oct 2021 18:13

Tgt Ion: 129 Resp: 838

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.150 ug/L
 RT: 10.011 min Scan# 2790
 Delta R.T. -0.264 min
 Lab File: VV022632.D
 Acq: 06 Oct 2021 18:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:	75	Resp:	485
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.1	39.1#
110	0.0	33.0	49.6#

