

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022622.D
 Acq On : 06 Oct 2021 15:25
 Operator : SY/MD
 Sample : M4051-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0A0

Quant Time: Oct 07 06:18:00 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)

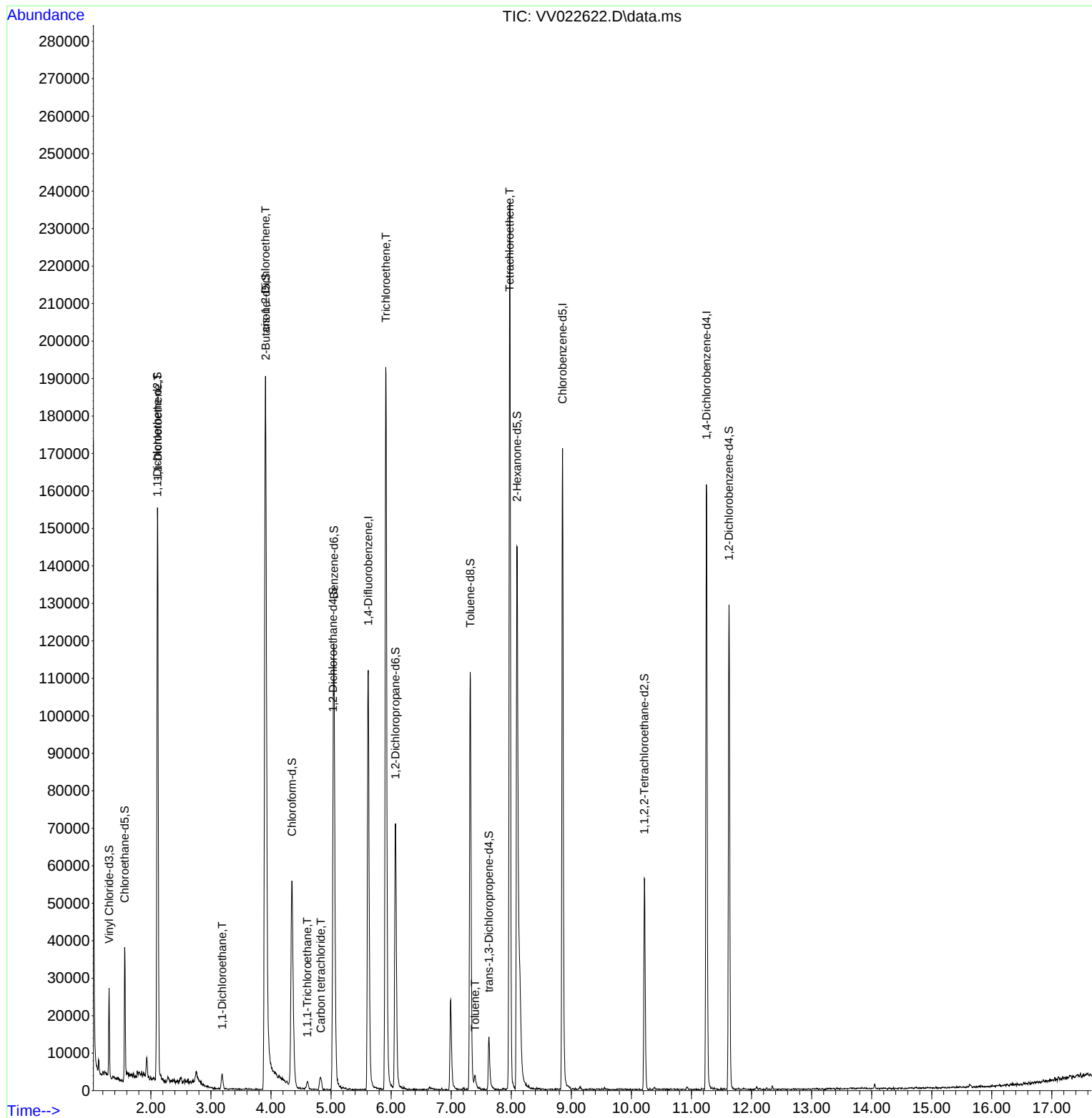
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	98900	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	12868	4.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.564	69	21021	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.108	63	46049	5.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	3.912	46	62519	33.377	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.760%
24) Chloroform-d	4.349	84	55261	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.034	65	28052	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	101075	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	34867	4.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.317	98	77444	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.629	79	8449	4.047	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.095	63	58390	45.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27196	4.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	36223	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	36564	6.035	ug/L	97
19) 1,1-Dichloroethane	3.185	63	4056	0.342	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	90935	12.694	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	1800	0.159	ug/L	97
31) Carbon tetrachloride	4.828	117	2451	0.244	ug/L	96
34) Trichloroethene	5.912	95	66254	8.525	ug/L	99
42) Toluene	7.397	91	2521	0.090	ug/L	98
47) Tetrachloroethene	7.976	164	53139	8.793	ug/L	99

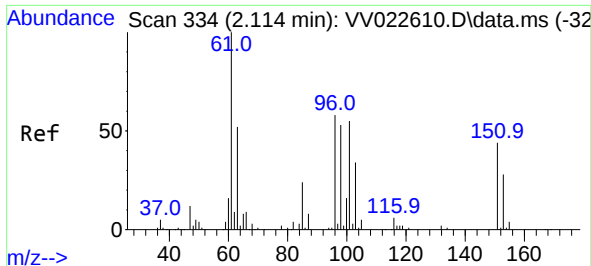
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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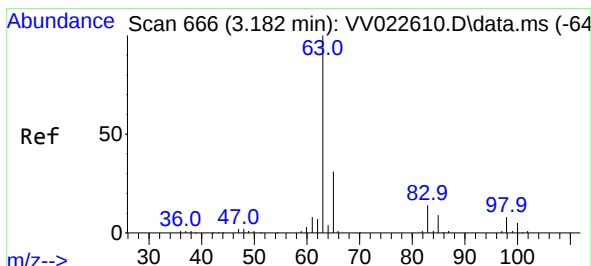
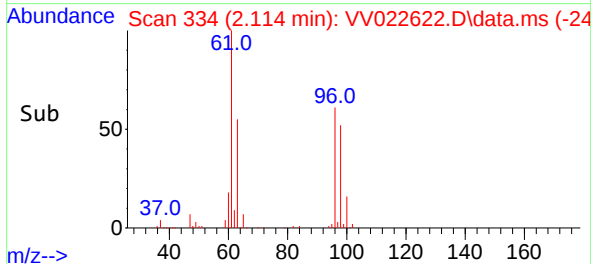
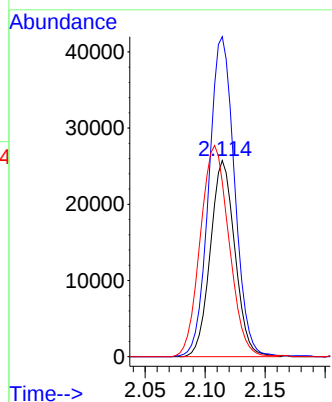
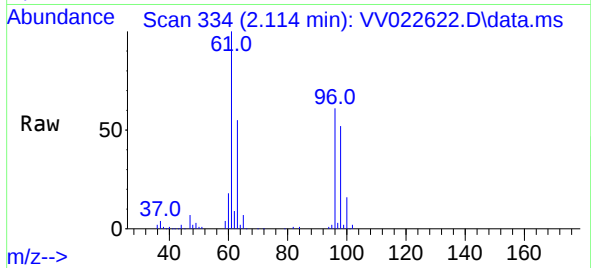




#12
1,1-Dichloroethene
Concen: 6.035 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022622.D
Acq: 06 Oct 2021 15:25

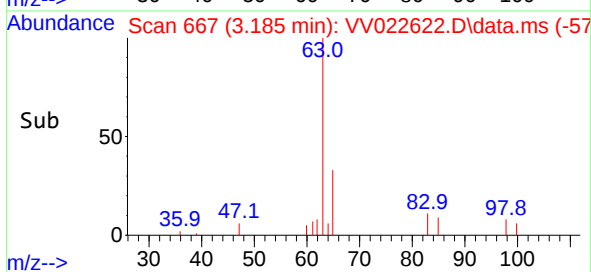
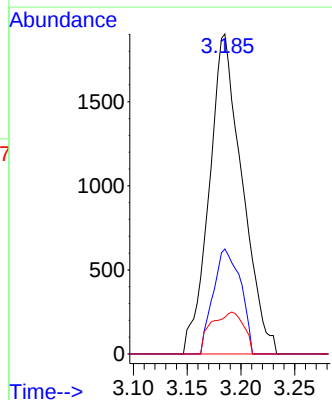
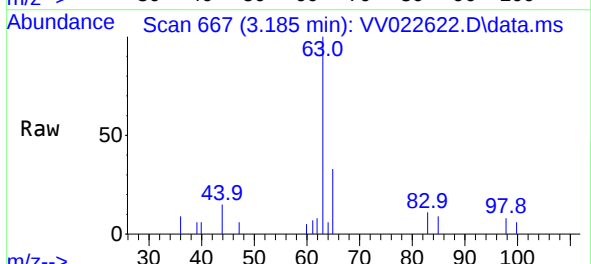
Instrument :
MSVOA_V
ClientSampleId :
C0AT0

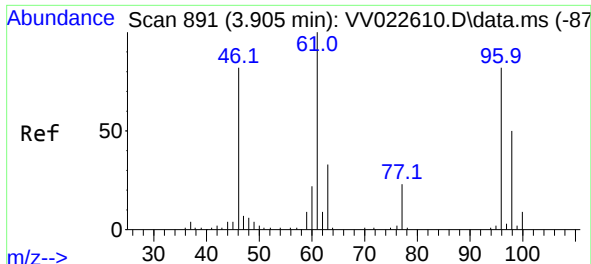
Tgt Ion: 96 Resp: 36564
Ion Ratio Lower Upper
96 100
61 163.1 113.2 210.2
63 89.1 66.6 123.8



#19
1,1-Dichloroethane
Concen: 0.342 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV022622.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 63 Resp: 4056
Ion Ratio Lower Upper
63 100
65 32.8 22.8 42.4
83 11.5 10.2 19.0

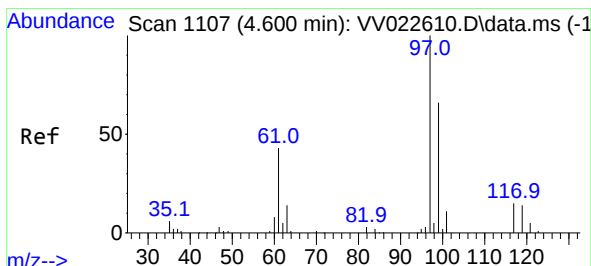
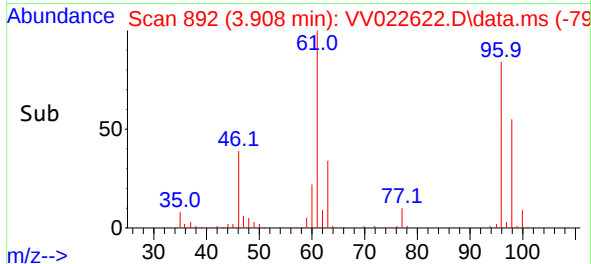
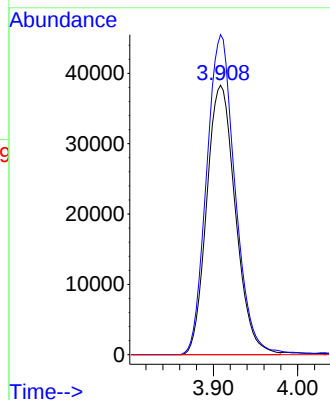
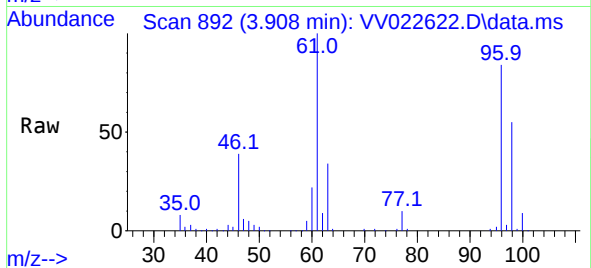




#22
cis-1,2-Dichloroethene
Concen: 12.694 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV022622.D
Acq: 06 Oct 2021 15:25

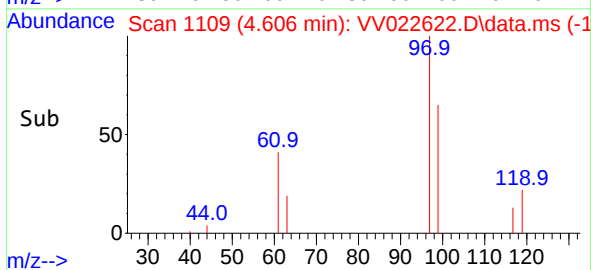
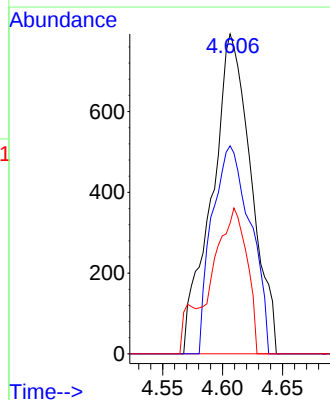
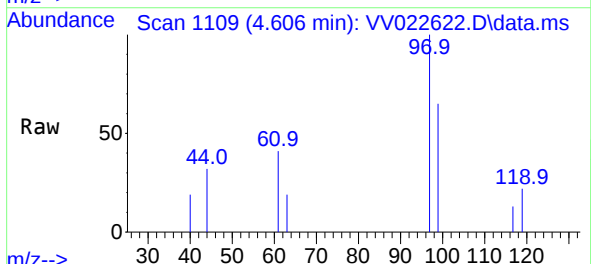
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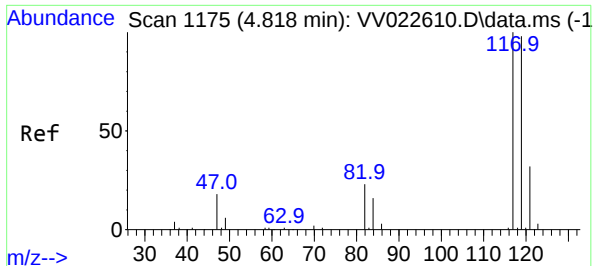
Tgt Ion: 96 Resp: 90935
Ion Ratio Lower Upper
96 100
61 118.8 85.6 159.0
68 0.0 0.0 0.0



#29
1,1,1-Trichloroethane
Concen: 0.159 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV022622.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 97 Resp: 1800
Ion Ratio Lower Upper
97 100
99 63.7 49.8 74.6
61 37.0 32.5 48.7

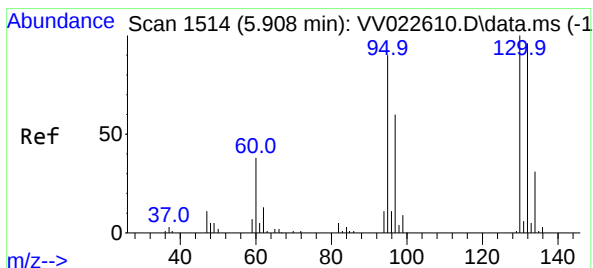
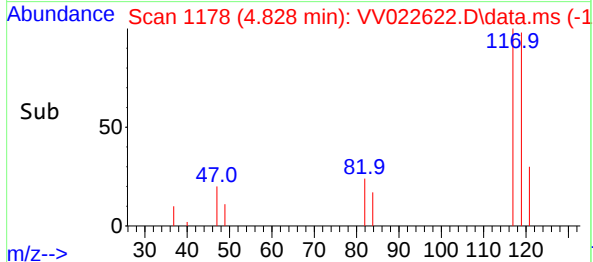
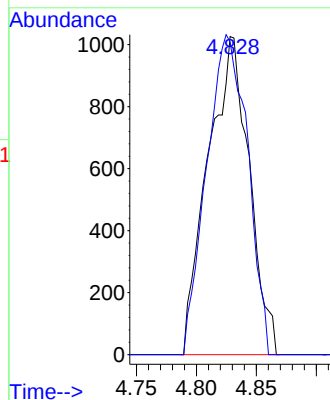
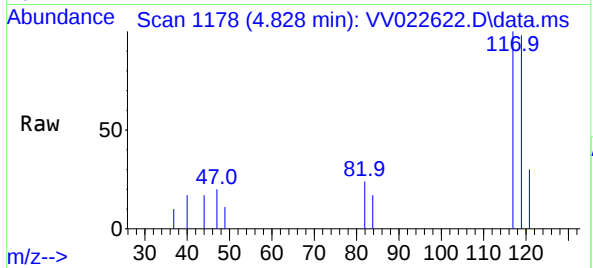




#31
Carbon tetrachloride
Concen: 0.244 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022622.D
Acq: 06 Oct 2021 15:25

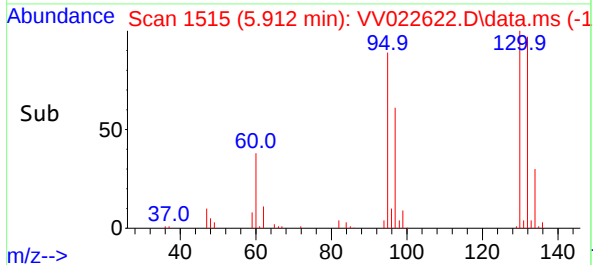
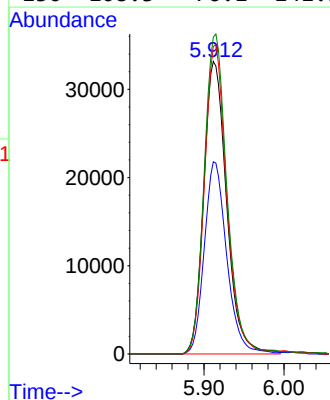
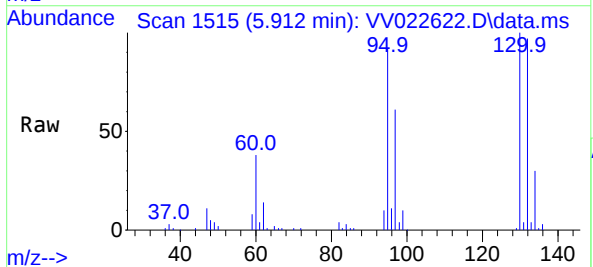
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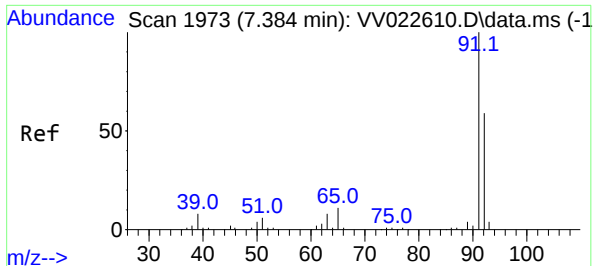
Tgt Ion:117 Resp: 2451
Ion Ratio Lower Upper
117 100
119 100.1 76.9 115.3



#34
Trichloroethene
Concen: 8.525 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022622.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 95 Resp: 66254
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.5
132 105.2 73.0 135.6
130 108.3 76.1 141.3

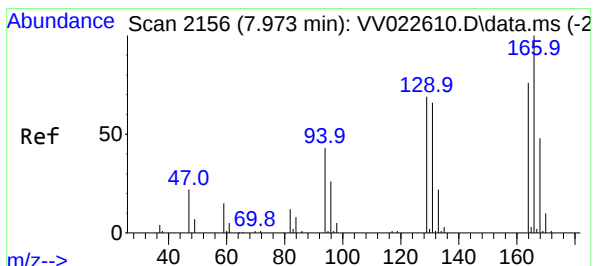
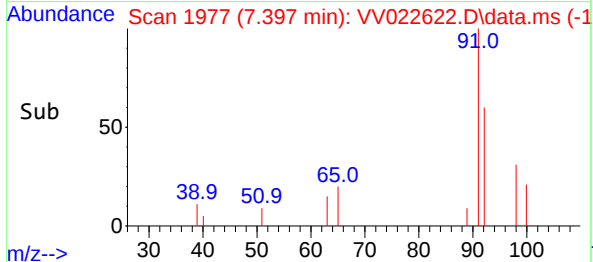
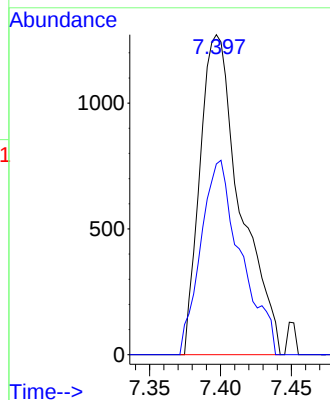
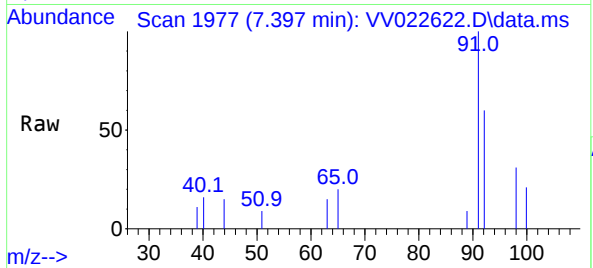




#42
Toluene
Concen: 0.090 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022622.D
Acq: 06 Oct 2021 15:25

Instrument :
MSVOA_V
ClientSampleId :
C0A0

Tgt Ion: 91 Resp: 2521
Ion Ratio Lower Upper
91 100
92 59.6 40.5 75.3



#47
Tetrachloroethene
Concen: 8.793 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022622.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 164 Resp: 53139
Ion Ratio Lower Upper
164 100
129 91.4 65.5 121.6
131 87.0 62.4 116.0
166 129.8 91.1 169.3

