

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100623\
 Data File : VV032308.D
 Acq On : 06 Oct 2023 17:56
 Operator : SY/MD
 Sample : 04748-29DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 05:08:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

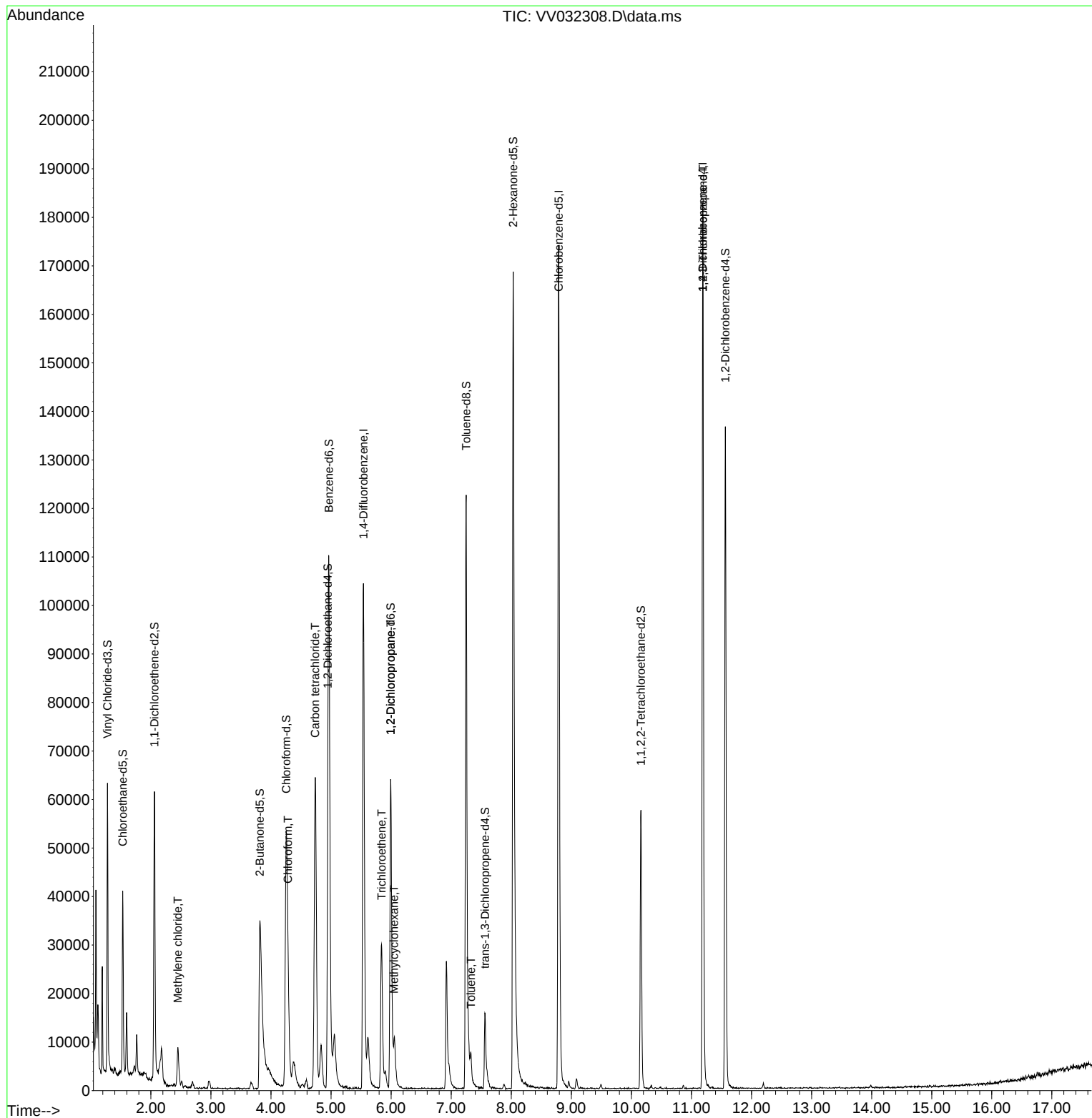
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	92647	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	102800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24016	3.187	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.532	69	24390	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.060	65	10169	3.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.815	46	81920	42.978	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.960%
24) Chloroform-d	4.252	84	52595	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	4.947	65	25409	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	4.963	84	97827	3.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.600%#
36) 1,2-Dichloropropane-d6	5.992	67	33092	3.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.000%
41) Toluene-d8	7.249	98	89353	3.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	7.564	79	11499	3.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.034	63	67061	40.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.260%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29786	4.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	35362	4.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
16) Methylene chloride	2.449	84	2981	0.337	ug/L	98
25) Chloroform	4.281	83	20324	1.415	ug/L	97
31) Carbon tetrachloride	4.735	117	50145	4.240	ug/L	99
34) Trichloroethene	5.841	95	11254	1.139	ug/L	99
35) Methylcyclohexane	6.050	83	2134	0.140	ug/L #	50
37) 1,2-Dichloropropane	5.992	63	4116	0.425	ug/L #	87
42) Toluene	7.330	91	4683	0.121	ug/L	93
61) 1,2,3-Trichloropropane	11.191	75	6102	1.209	ug/L #	65

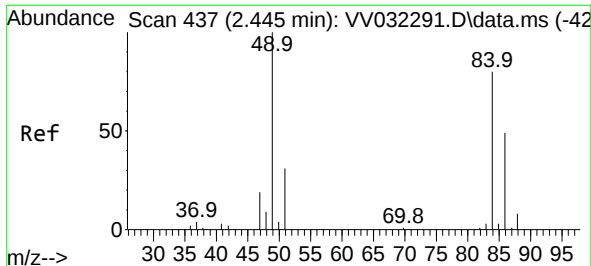
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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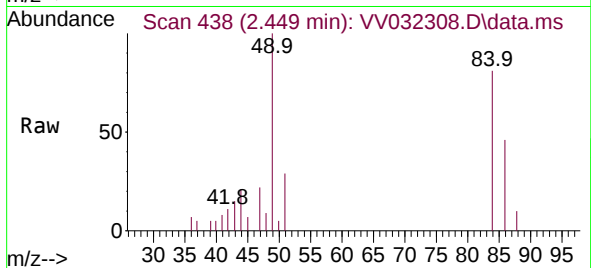
Quant Time: Oct 07 05:08:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
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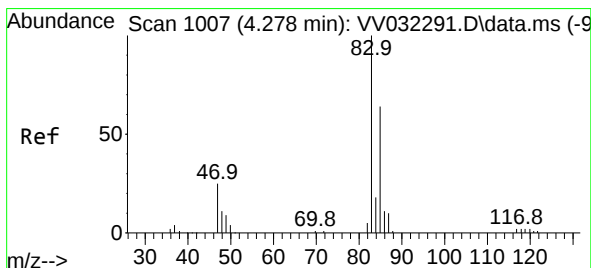
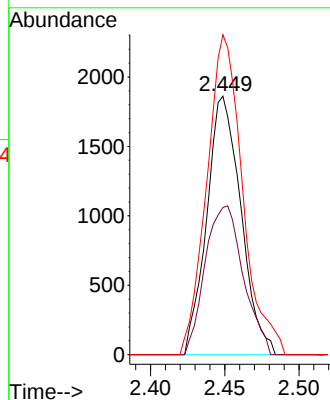
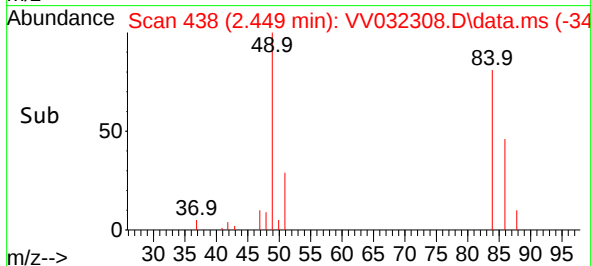


#16
Methylene chloride
Concen: 0.337 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032308.D
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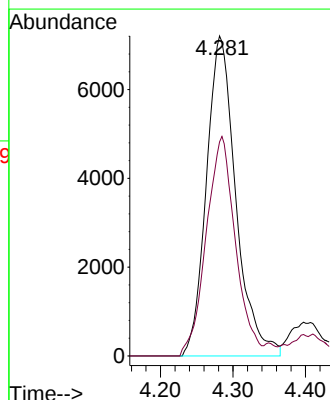
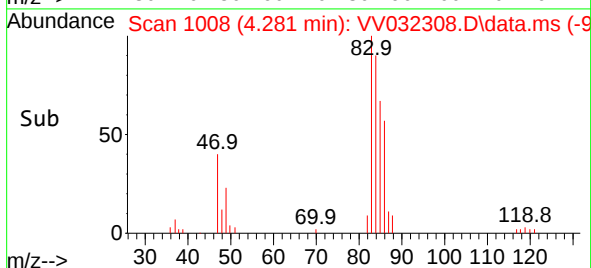
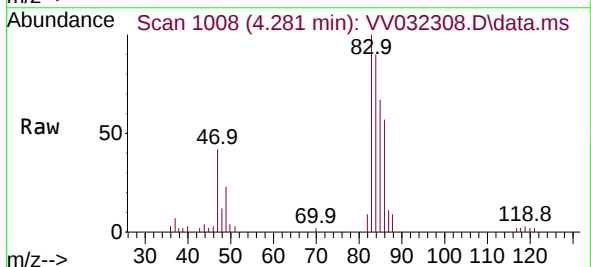


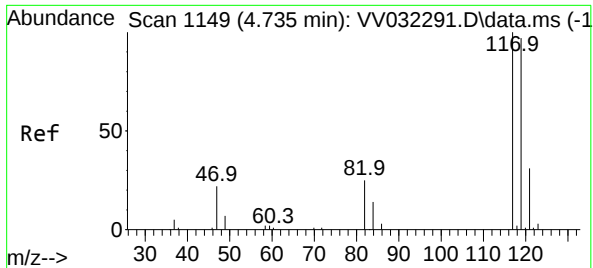
Tgt Ion: 84 Resp: 2981
Ion Ratio Lower Upper
84 100
86 56.9 43.2 80.2
49 123.8 86.3 160.3



#25
Chloroform
Concen: 1.415 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV032308.D
Acq: 06 Oct 2023 17:56

Tgt Ion: 83 Resp: 20324
Ion Ratio Lower Upper
83 100
85 66.9 45.4 84.4

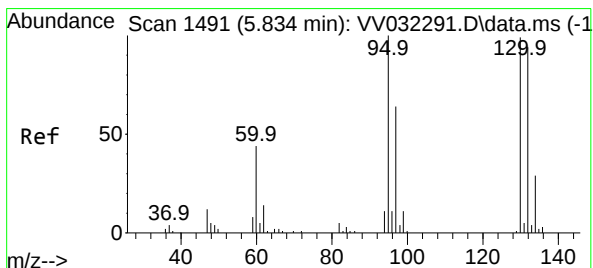
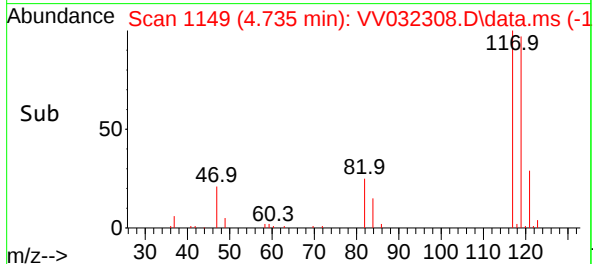
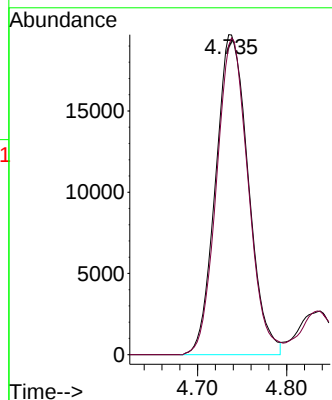
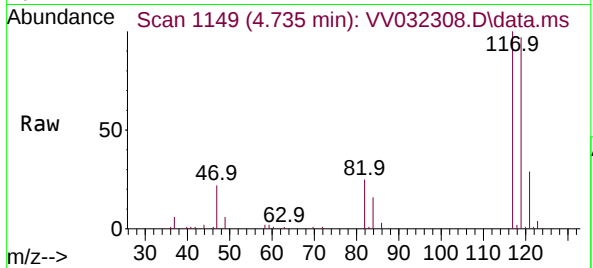




#31
Carbon tetrachloride
Concen: 4.240 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV032308.D
Acq: 06 Oct 2023 17:56

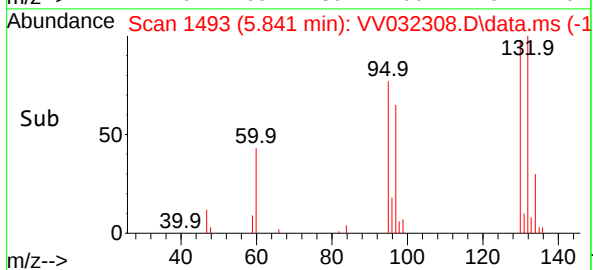
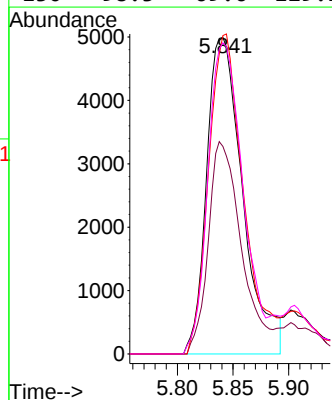
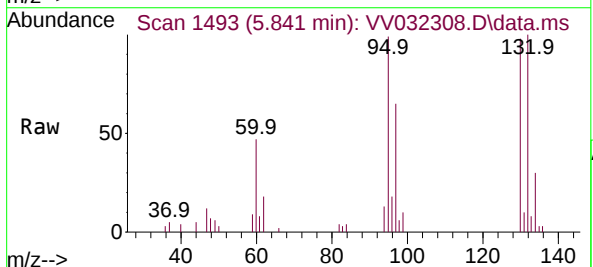
Instrument :
MSVOA_V
ClientSampleId :

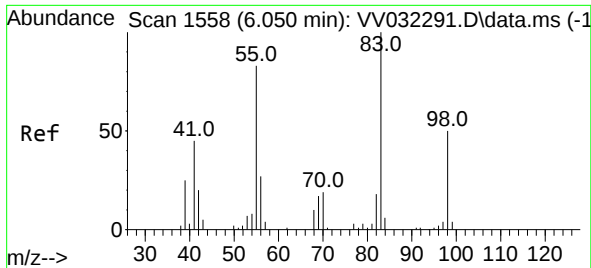
Tgt Ion: 117 Resp: 50145
Ion Ratio Lower Upper
117 100
119 95.9 77.6 116.4



#34
Trichloroethene
Concen: 1.139 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV032308.D
Acq: 06 Oct 2023 17:56

Tgt Ion: 95 Resp: 11254
Ion Ratio Lower Upper
95 100
97 65.6 45.7 84.9
132 100.6 70.3 130.5
130 98.3 69.6 129.2

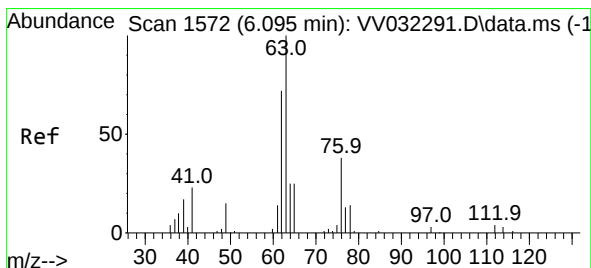
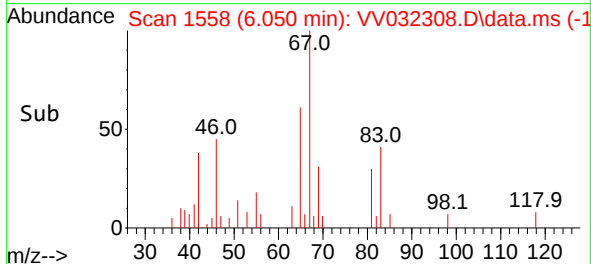
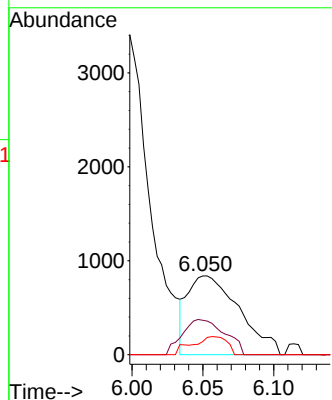
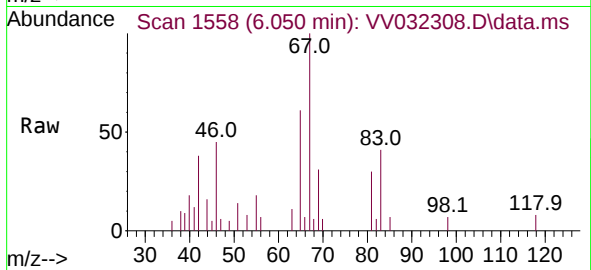




#35
Methylcyclohexane
Concen: 0.140 ug/L
RT: 6.050 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032308.D
Acq: 06 Oct 2023 17:56

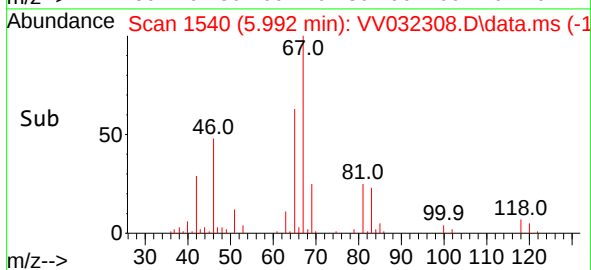
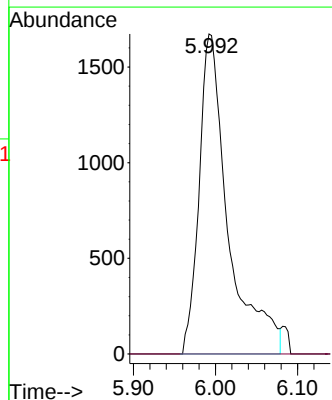
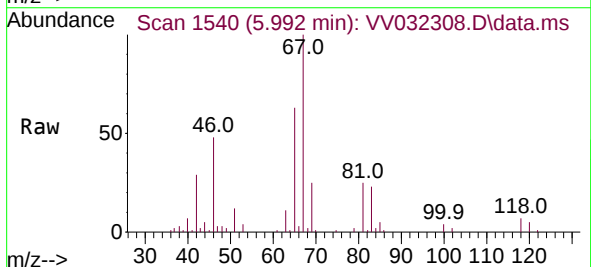
Instrument :
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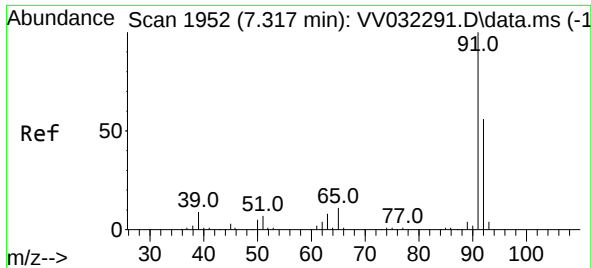
Tgt Ion: 83 Resp: 2134
Ion Ratio Lower Upper
83 100
55 36.5 64.2 96.2#
98 15.2 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.425 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV032308.D
Acq: 06 Oct 2023 17:56

Tgt Ion: 63 Resp: 4116
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

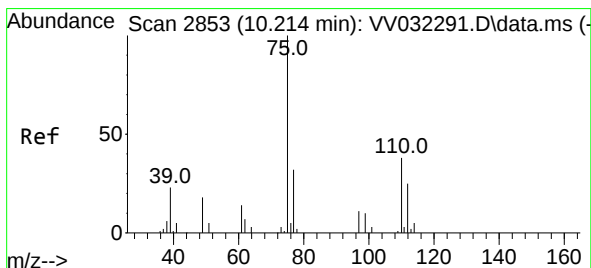
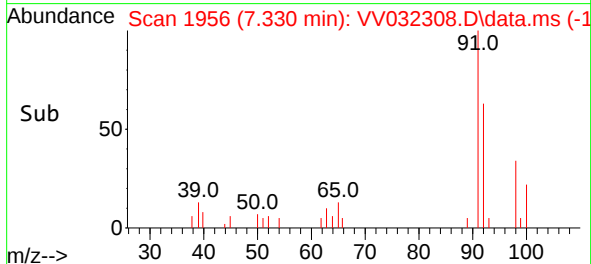
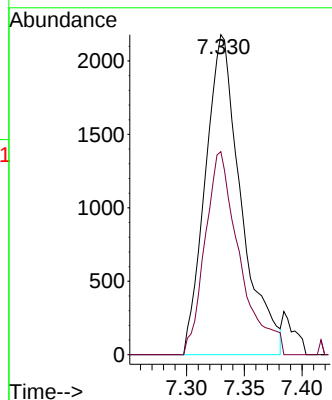
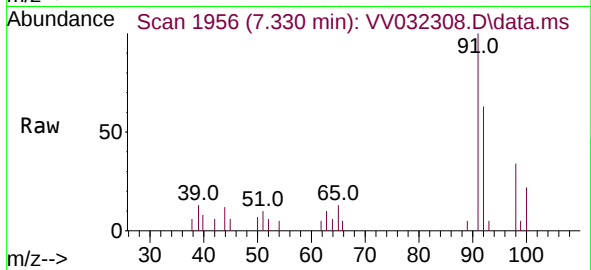




#42
Toluene
Concen: 0.121 ug/L
RT: 7.330 min Scan# 1956
Delta R.T. 0.013 min
Lab File: VV032308.D
Acq: 06 Oct 2023 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 4683
Ion Ratio Lower Upper
91 100
92 63.5 40.8 75.8



#61
1,2,3-Trichloropropane
Concen: 1.209 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.977 min
Lab File: VV032308.D
Acq: 06 Oct 2023 17:56

Tgt Ion: 75 Resp: 6102
Ion Ratio Lower Upper
75 100
77 34.3 26.2 39.2
110 0.7 30.6 46.0#

