

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
 Data File : VV034023.D
 Acq On : 07 Feb 2024 12:09
 Operator : SY/MD
 Sample : P1289-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 08 04:48:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

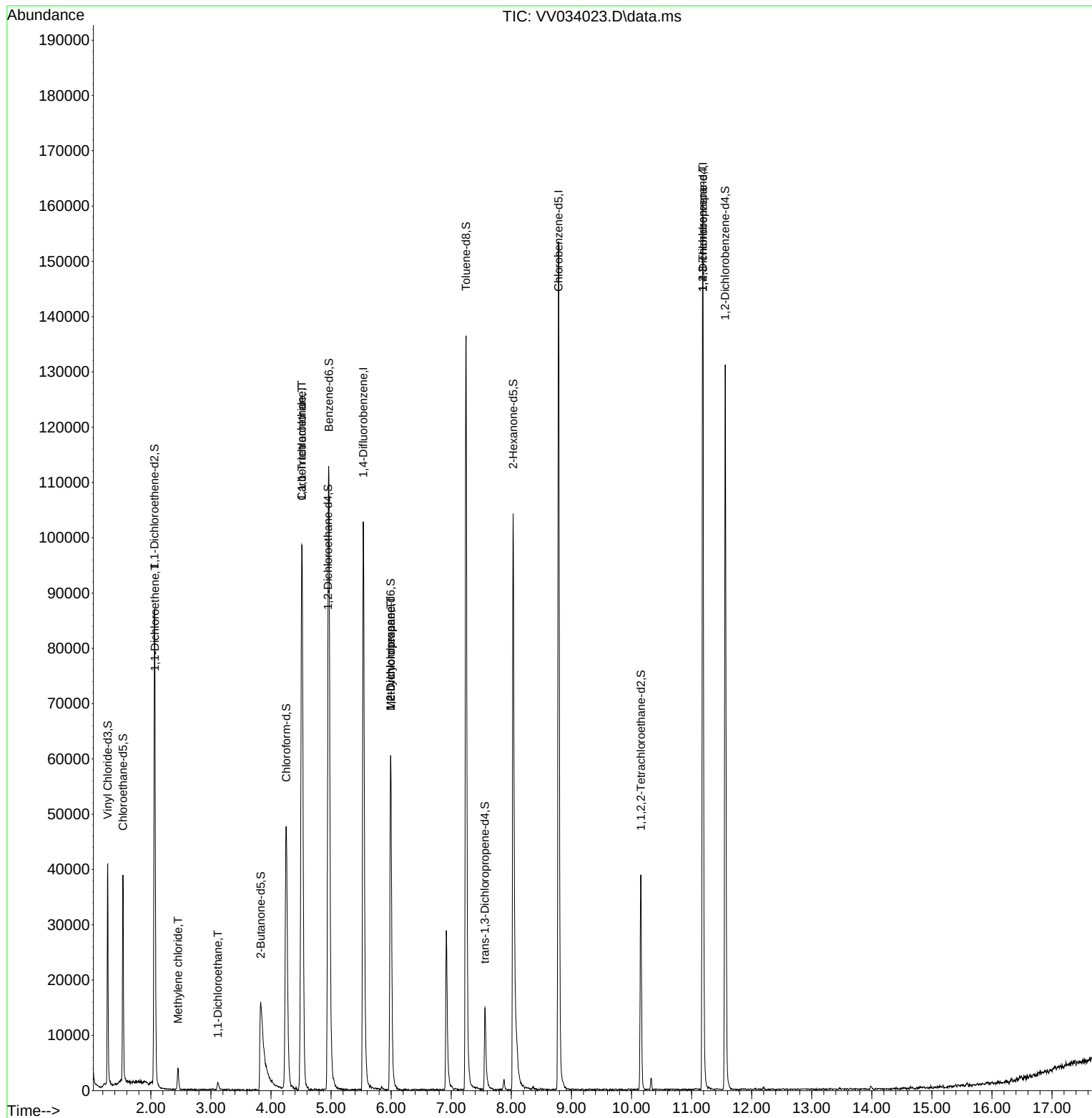
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	89565	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	83070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	25219	3.636	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.535	69	23786	3.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.060	65	12526	3.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.831	46	45954	39.446	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.900%
24) Chloroform-d	4.252	84	52643	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	4.947	65	26253	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.963	84	100950	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.992	67	28754	4.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.246	98	93986	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	10433	3.966	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.030	63	39941	42.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18691	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	33614	4.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	5133	0.820	ug/L #	1
16) Methylene chloride	2.452	84	1635	0.272	ug/L	93
19) 1,1-Dichloroethane	3.114	63	1779	0.152	ug/L	91
29) 1,1,1-Trichloroethane	4.513	97	83185	7.459	ug/L	98
31) Carbon tetrachloride	4.513	117	10080	1.033	ug/L	99
35) Methylcyclohexane	5.992	83	7298	0.645	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3647	0.604	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	5094	1.783	ug/L #	64

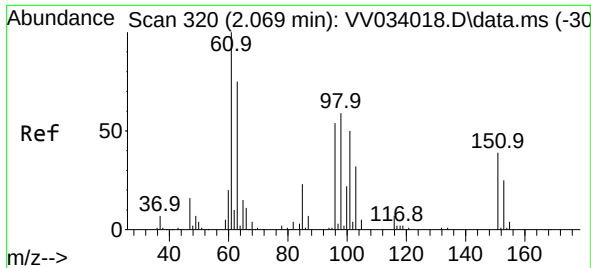
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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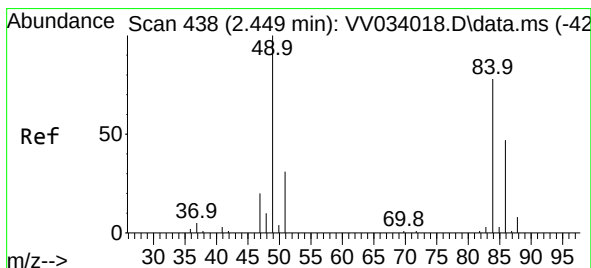
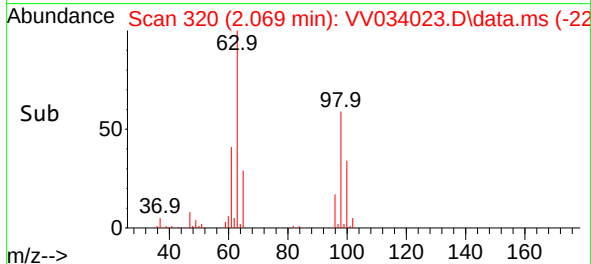
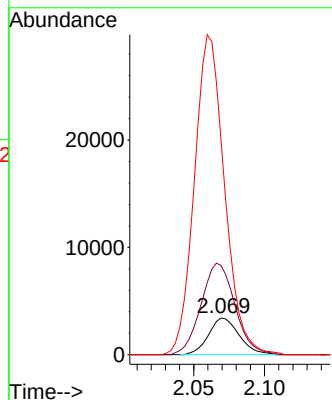
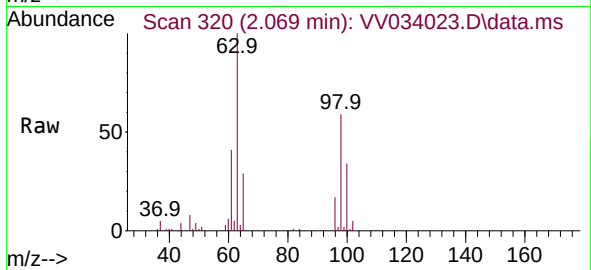




#12
1,1-Dichloroethene
Concen: 0.820 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034023.D
Acq: 07 Feb 2024 12:09

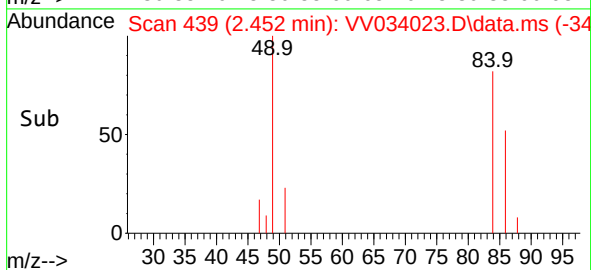
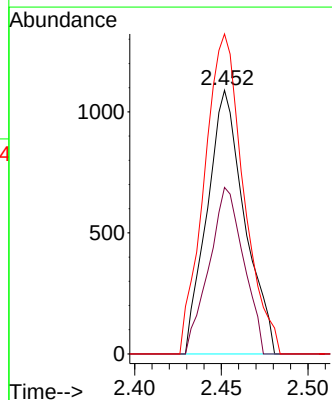
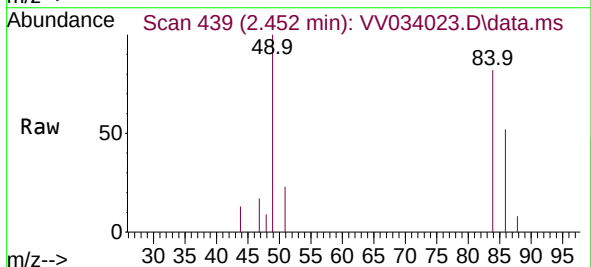
Instrument :
MSVOA_V
ClientSampleId :

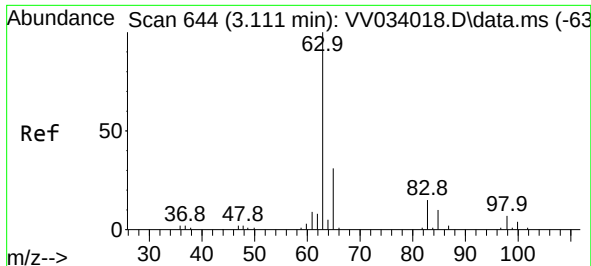
Tgt Ion: 96 Resp: 5133
Ion Ratio Lower Upper
96 100
61 243.6 128.8 239.2#
63 587.0 97.9 181.9#



#16
Methylene chloride
Concen: 0.272 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV034023.D
Acq: 07 Feb 2024 12:09

Tgt Ion: 84 Resp: 1635
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 121.4 93.7 173.9





#19

1,1-Dichloroethane

Concen: 0.152 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034023.D

Acq: 07 Feb 2024 12:09

Instrument :

MSVOA_V

ClientSampleId :

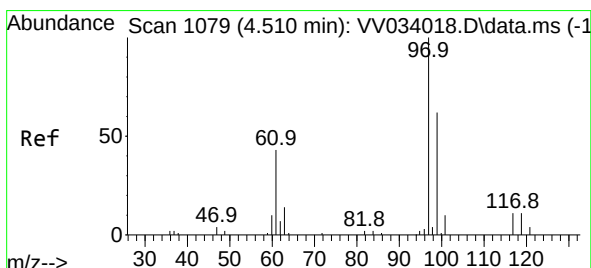
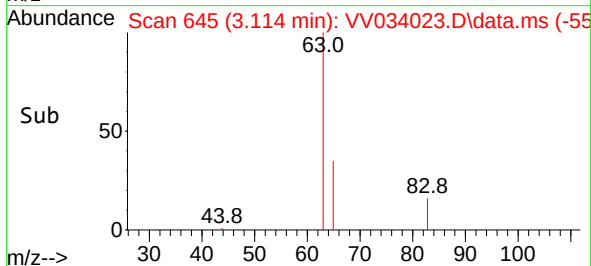
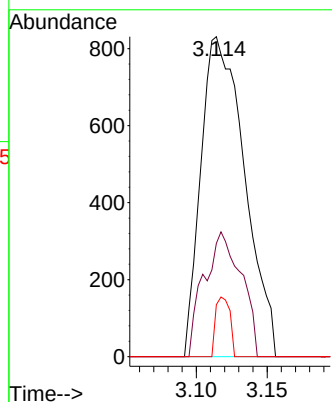
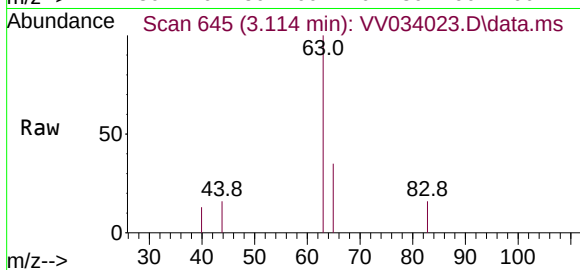
Tgt Ion: 63 Resp: 1779

Ion Ratio Lower Upper

63 100

65 35.4 20.8 38.6

83 16.2 9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 7.459 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034023.D

Acq: 07 Feb 2024 12:09

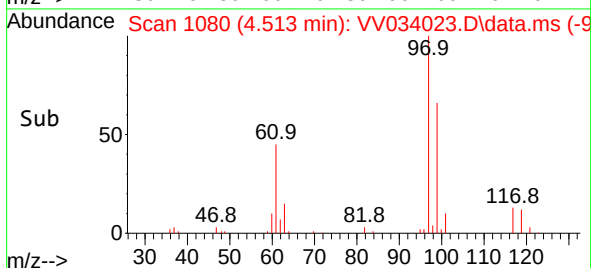
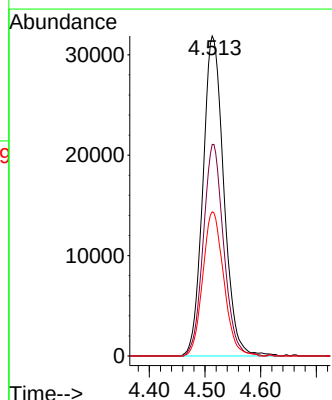
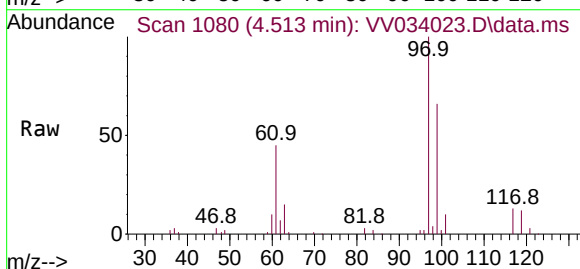
Tgt Ion: 97 Resp: 83185

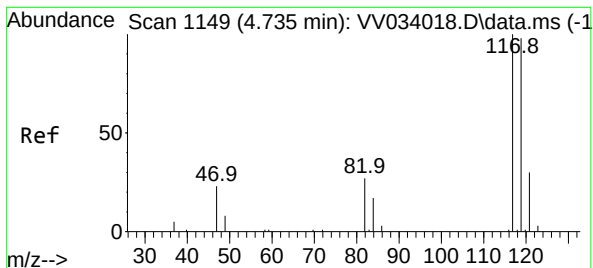
Ion Ratio Lower Upper

97 100

99 64.6 50.6 75.8

61 45.2 36.8 55.2





#31

Carbon tetrachloride

Concen: 1.033 ug/L

RT: 4.513 min Scan# 1

Delta R.T. -0.222 min

Lab File: VV034023.D

Acq: 07 Feb 2024 12:09

Instrument :

MSVOA_V

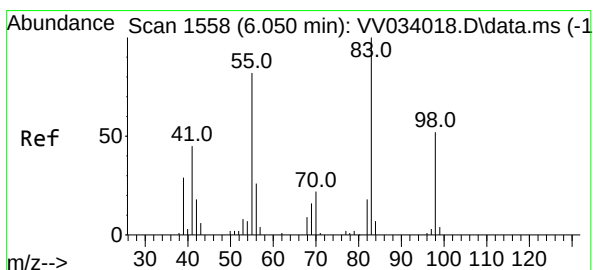
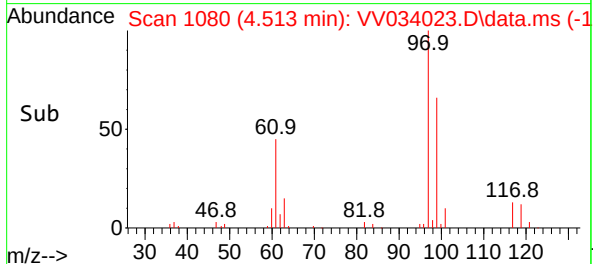
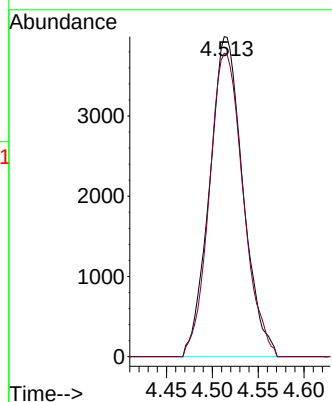
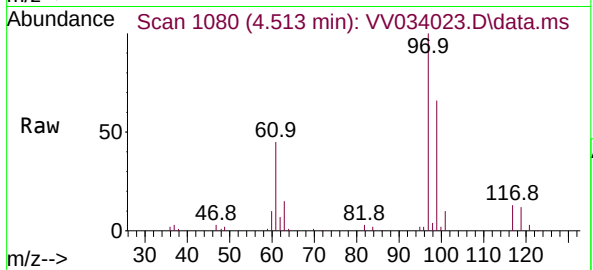
ClientSampleId :

Tgt Ion:117 Resp: 10080

Ion Ratio Lower Upper

117 100

119 96.2 76.1 114.1



#35

Methylcyclohexane

Concen: 0.645 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034023.D

Acq: 07 Feb 2024 12:09

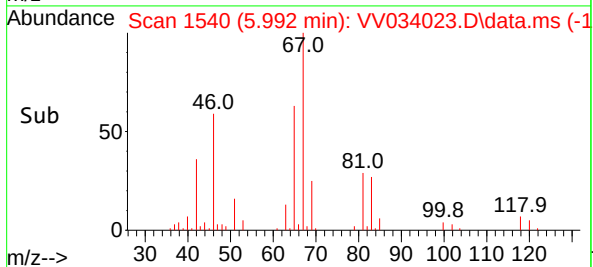
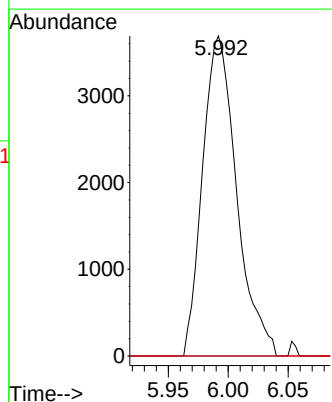
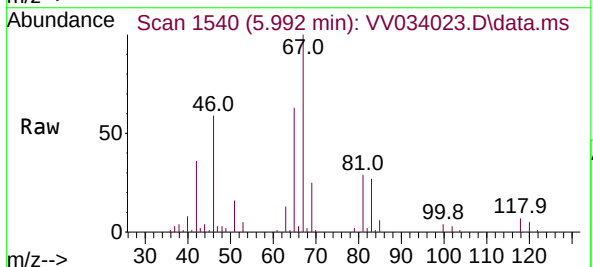
Tgt Ion: 83 Resp: 7298

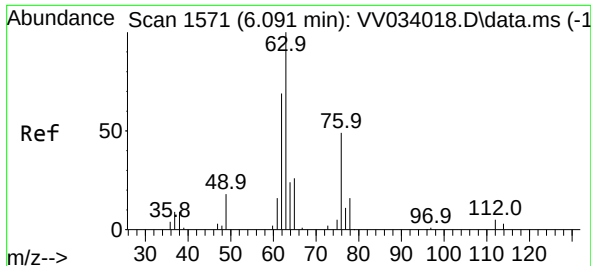
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#

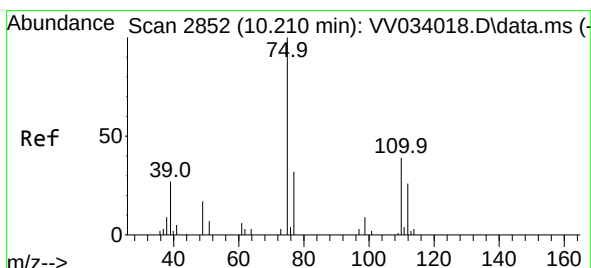
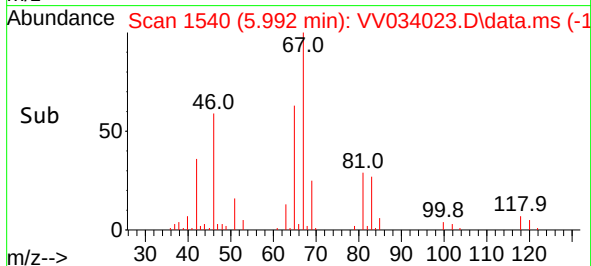
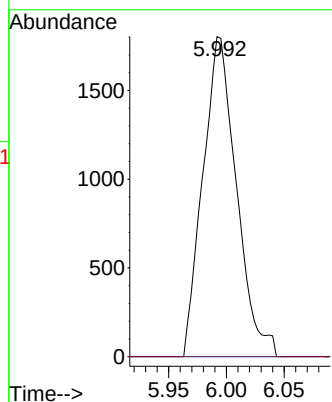
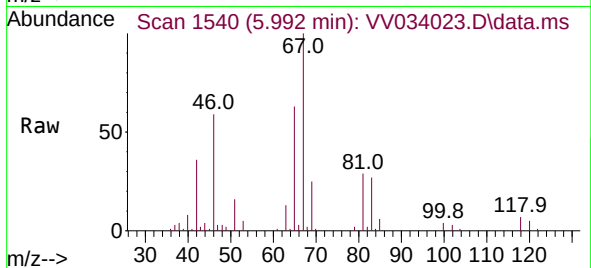




#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV034023.D
Acq: 07 Feb 2024 12:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3647
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.783 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034023.D
Acq: 07 Feb 2024 12:09

Tgt Ion: 75 Resp: 5094
Ion Ratio Lower Upper
75 100
77 35.9 26.9 40.3
110 3.0 33.3 49.9#

