

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033999.D
 Acq On : 05 Feb 2024 19:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:18:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

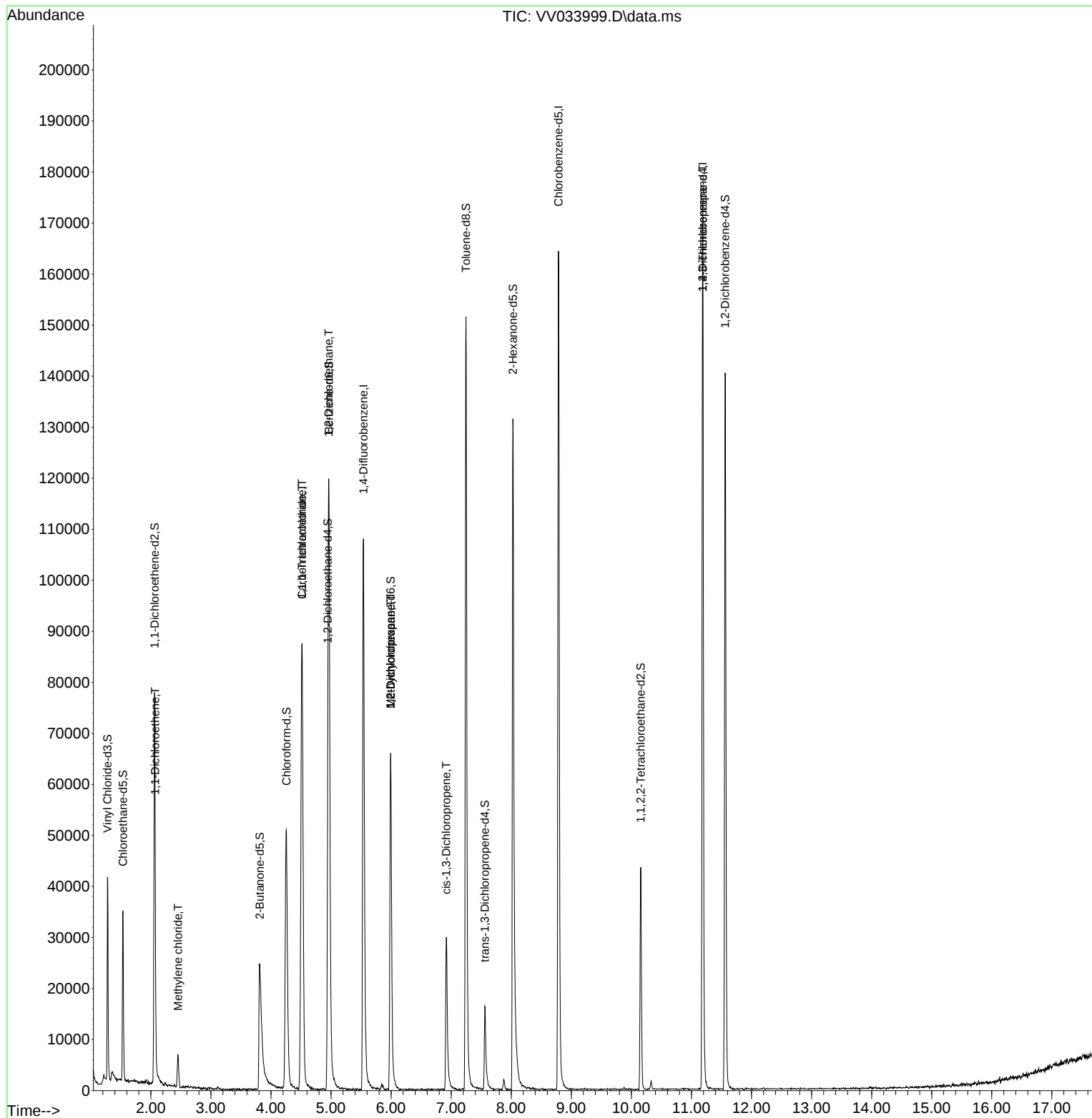
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	94527	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	89528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25932	3.542	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.536	69	20498	3.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.063	65	12355	3.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.812	46	55581	45.205	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.420%
24) Chloroform-d	4.256	84	56133	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.947	65	27755	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.963	84	109696	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.992	67	32006	4.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.246	98	102197	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.561	79	11433	4.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.027	63	49990	49.393	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.780%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	21311	4.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	36116	4.378	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.072	96	4221	0.639	ug/L #	1
16) Methylene chloride	2.452	84	2500	0.395	ug/L	98
27) 1,2-Dichloroethane	4.960	62	731	0.102	ug/L #	76
29) 1,1,1-Trichloroethane	4.516	97	76821	6.391	ug/L	98
31) Carbon tetrachloride	4.516	117	8927	0.849	ug/L	95
35) Methylcyclohexane	5.992	83	7836	0.642	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3689	0.567	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	934	0.094	ug/L	88
61) 1,2,3-Trichloropropane	11.188	75	5565	1.785	ug/L #	63

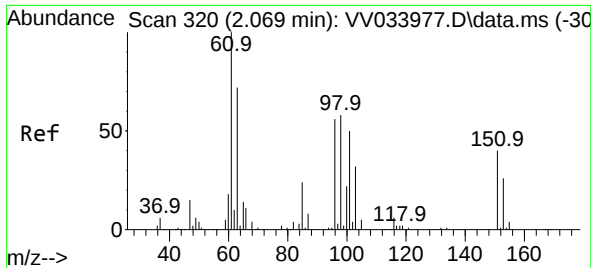
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 06 05:11:25 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.639 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033999.D

Acq: 05 Feb 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :

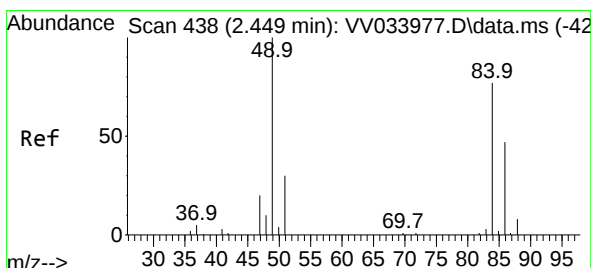
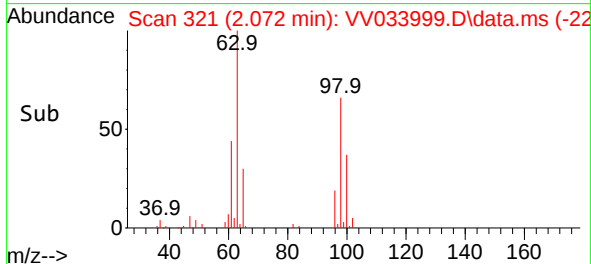
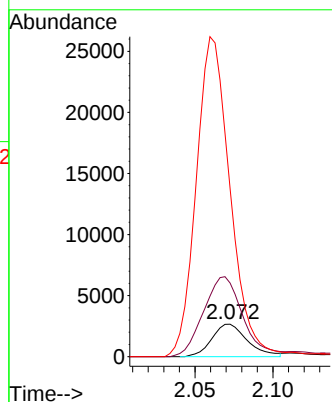
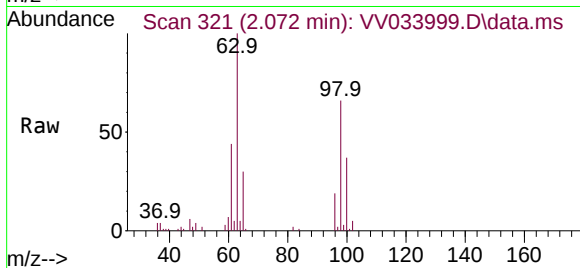
Tgt Ion: 96 Resp: 4221

Ion Ratio Lower Upper

96 100

61 227.0 128.8 239.2

63 517.2 97.9 181.9#



#16

Methylene chloride

Concen: 0.395 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.003 min

Lab File: VV033999.D

Acq: 05 Feb 2024 19:38

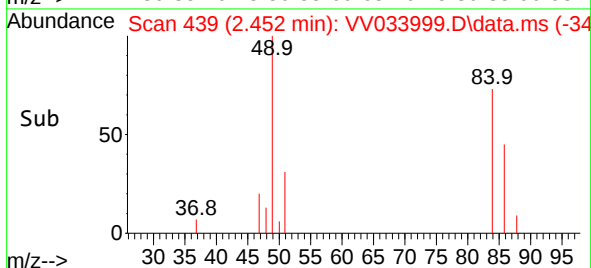
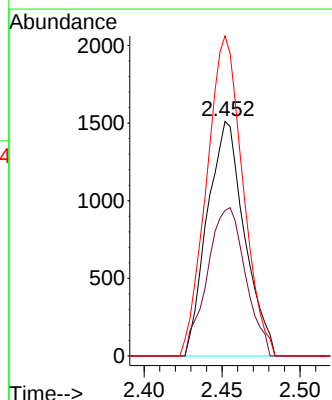
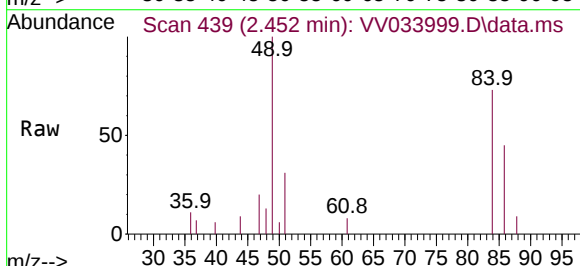
Tgt Ion: 84 Resp: 2500

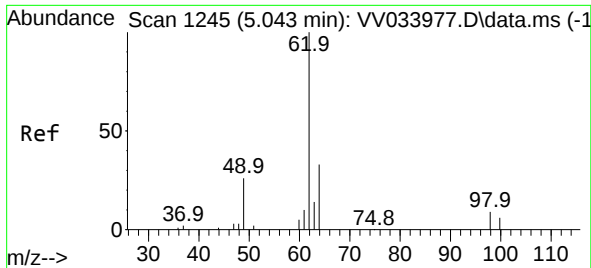
Ion Ratio Lower Upper

84 100

86 62.0 44.7 83.1

49 136.4 93.7 173.9





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 4.960 min Scan# 1

Delta R.T. -0.084 min

Lab File: VV033999.D

Acq: 05 Feb 2024 19:38

Instrument :

MSVOA_V

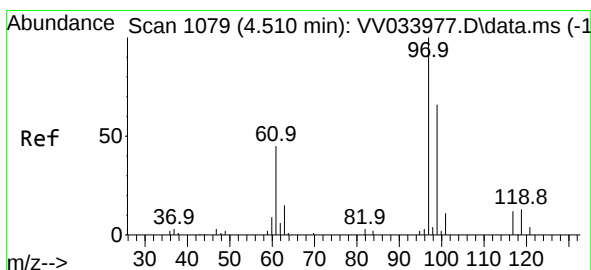
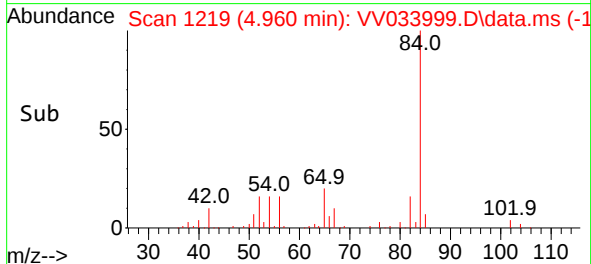
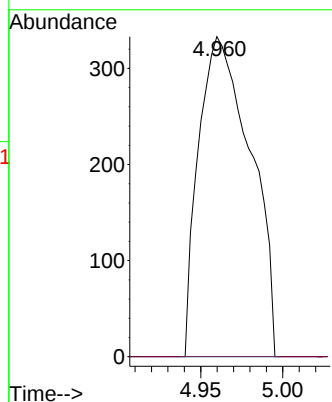
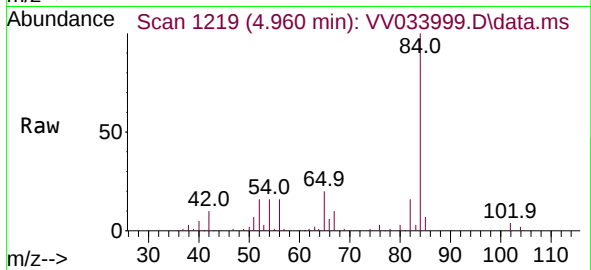
ClientSampleId :

Tgt Ion: 62 Resp: 731

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#



#29

1,1,1-Trichloroethane

Concen: 6.391 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VV033999.D

Acq: 05 Feb 2024 19:38

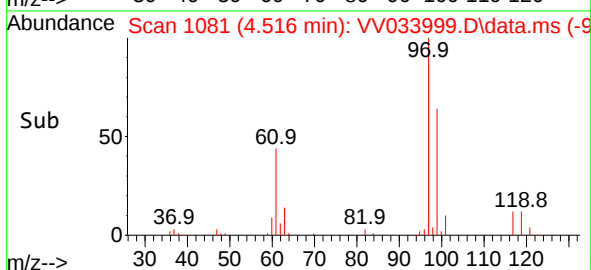
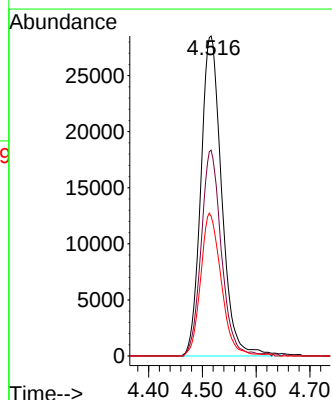
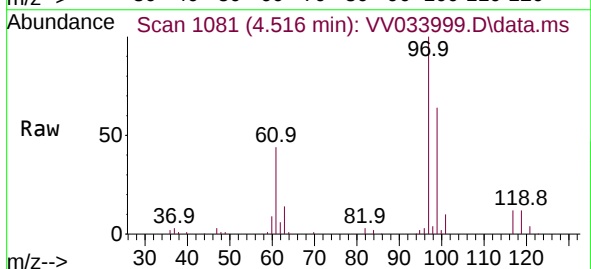
Tgt Ion: 97 Resp: 76821

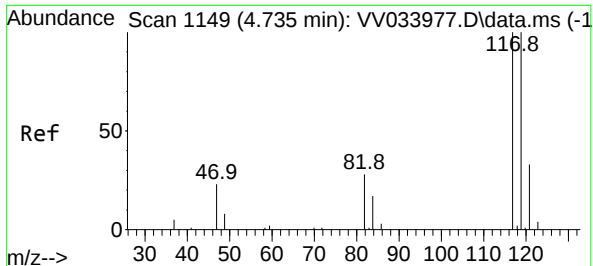
Ion Ratio Lower Upper

97 100

99 61.8 50.6 75.8

61 44.0 36.8 55.2

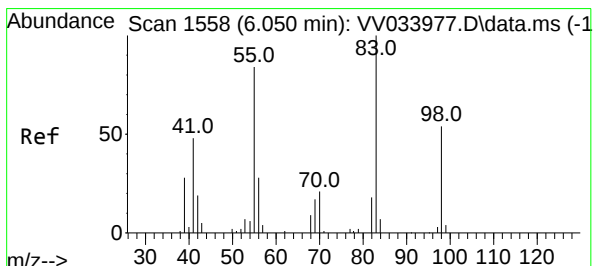
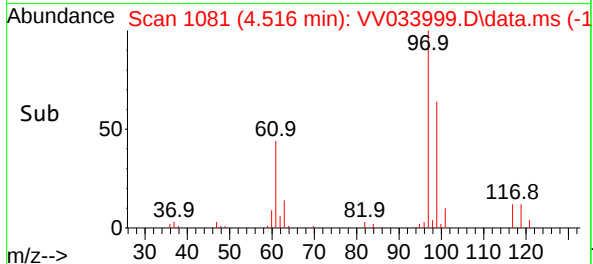
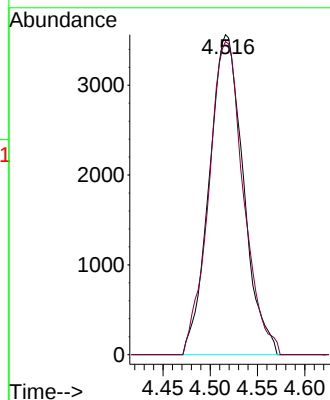
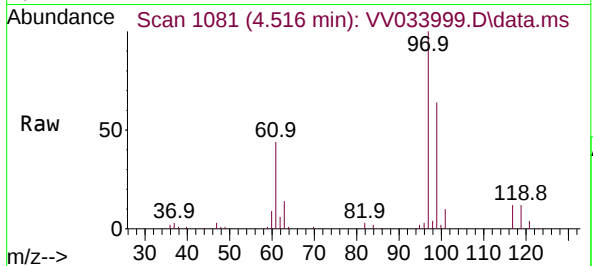




#31
Carbon tetrachloride
Concen: 0.849 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. -0.219 min
Lab File: VV033999.D
Acq: 05 Feb 2024 19:38

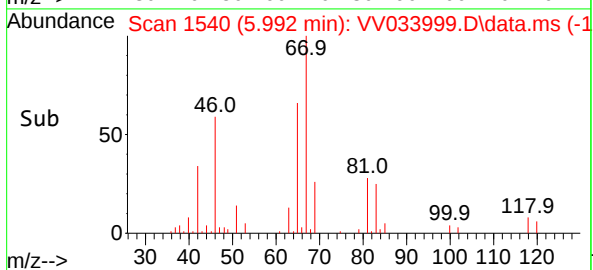
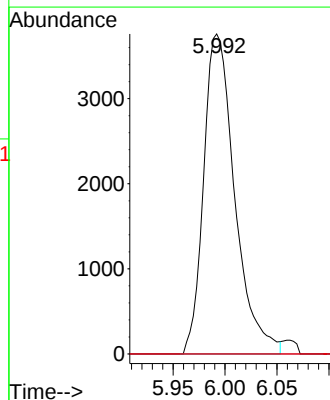
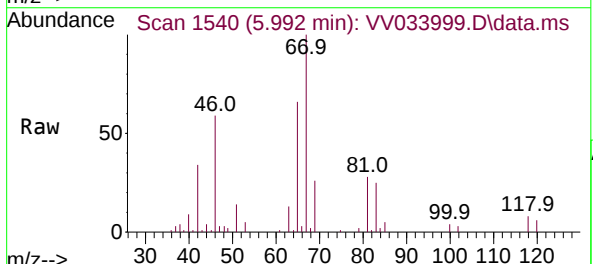
Instrument :
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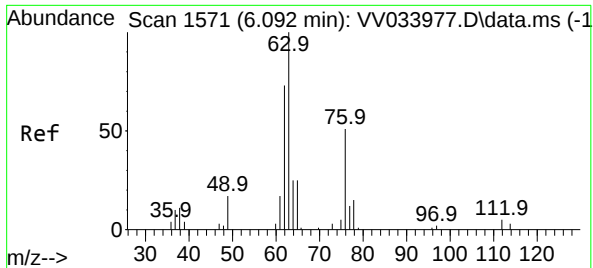
Tgt Ion:117 Resp: 8927
Ion Ratio Lower Upper
117 100
119 99.5 76.1 114.1



#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033999.D
Acq: 05 Feb 2024 19:38

Tgt Ion: 83 Resp: 7836
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#

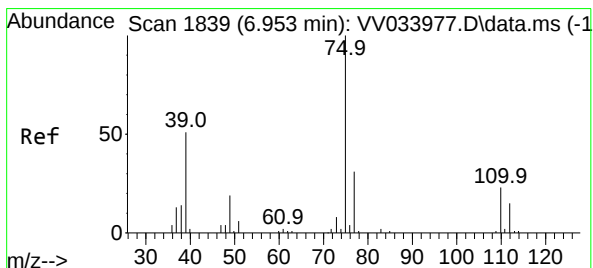
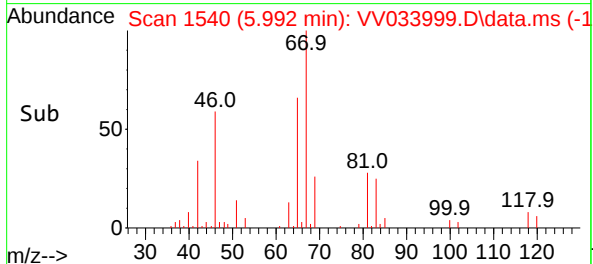
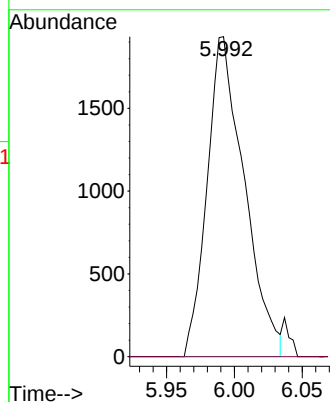
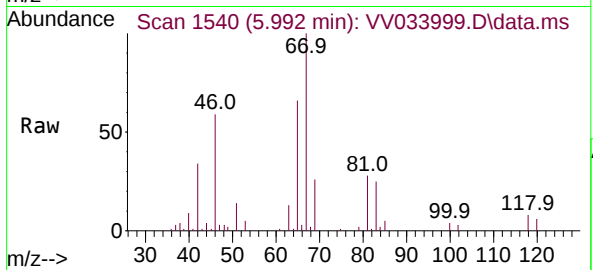




#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV033999.D
Acq: 05 Feb 2024 19:38

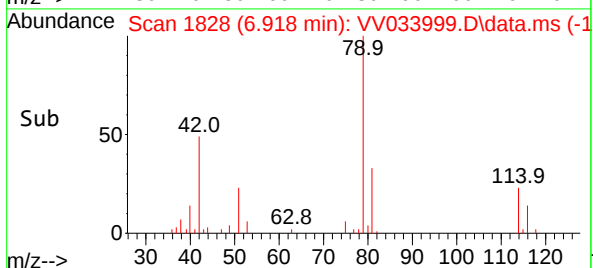
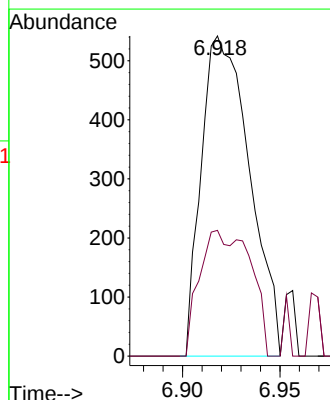
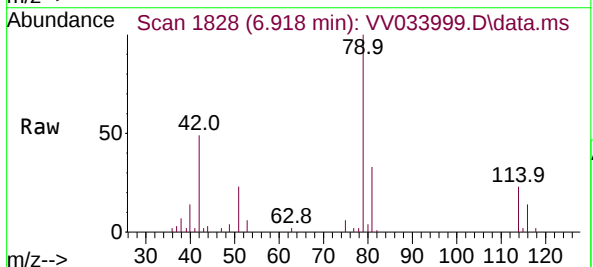
Instrument :
MSVOA_V
ClientSampleId :

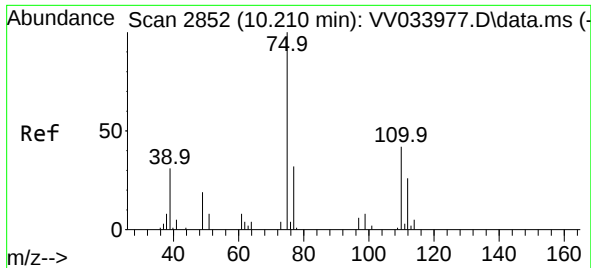
Tgt Ion: 63 Resp: 3689
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.035 min
Lab File: VV033999.D
Acq: 05 Feb 2024 19:38

Tgt Ion: 75 Resp: 934
Ion Ratio Lower Upper
75 100
77 39.3 22.9 42.5





#61

1,2,3-Trichloropropane

Concen: 1.785 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.977 min

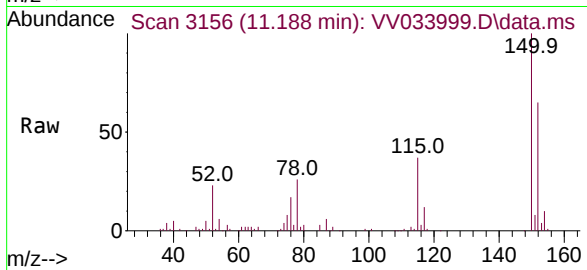
Lab File: VV033999.D

Acq: 05 Feb 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5565

Ion Ratio Lower Upper

75 100

77 36.8 26.9 40.3

110 2.5 33.3 49.9#

