

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034049.D
 Acq On : 08 Feb 2024 11:24
 Operator : SY/MD
 Sample : P1400-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:40:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

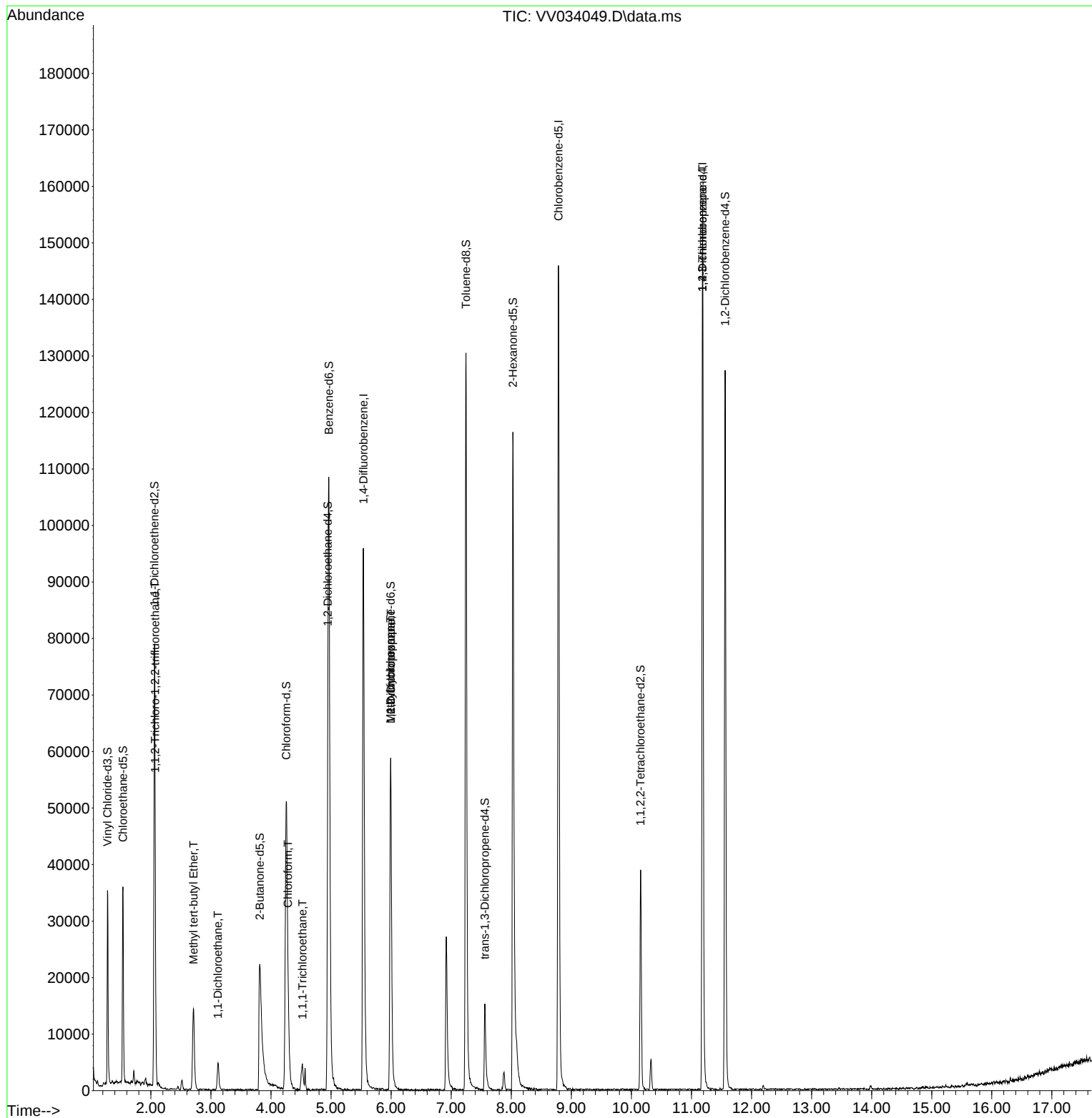
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	85908	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78930	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	40772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22431	3.371	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.536	69	21906	3.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.200%	
11) 1,1-Dichloroethene-d2	2.060	65	11899	3.708	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	3.812	46	51726	46.291	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.580%	
24) Chloroform-d	4.252	84	52017	4.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	4.947	65	26017	4.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	4.963	84	96265	4.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	5.992	67	28161	4.254	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.246	98	88333	4.059	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.561	79	10130	4.053	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.027	63	43495	48.746	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.500%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18229	4.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	32021	4.318	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.400%	
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4362	0.706	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	15518	1.258	ug/L	99
19) 1,1-Dichloroethane	3.117	63	5508	0.490	ug/L	99
25) Chloroform	4.281	83	11877	1.046	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	4321	0.408	ug/L	97
35) Methylcyclohexane	5.989	83	7302	0.679	ug/L #	17
37) 1,2-Dichloropropane	5.995	63	3790	0.661	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	5145	1.836	ug/L #	62

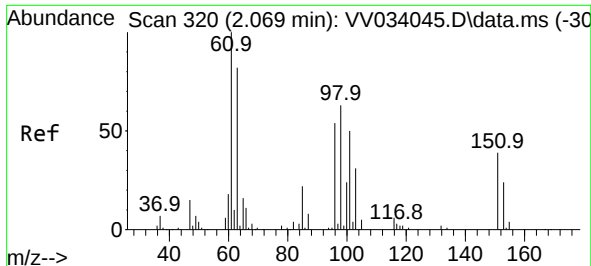
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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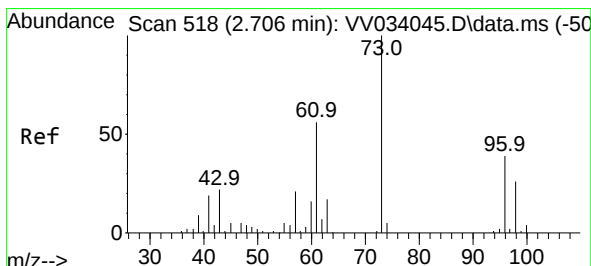
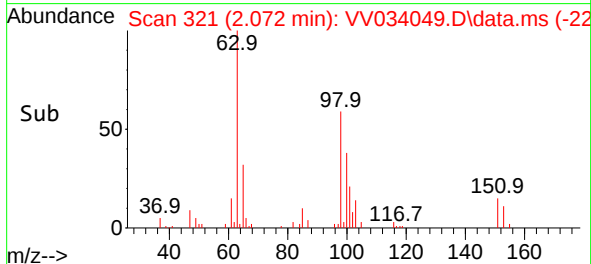
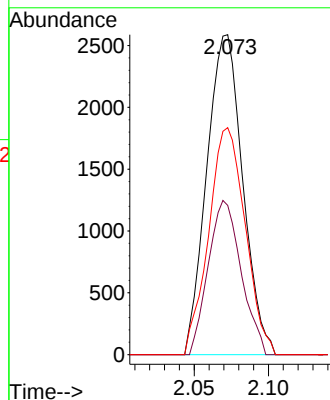
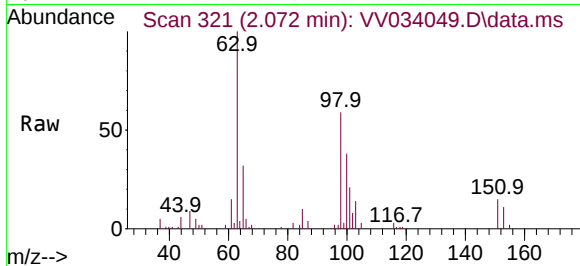




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.706 ug/L
RT: 2.072 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034049.D
Acq: 08 Feb 2024 11:24

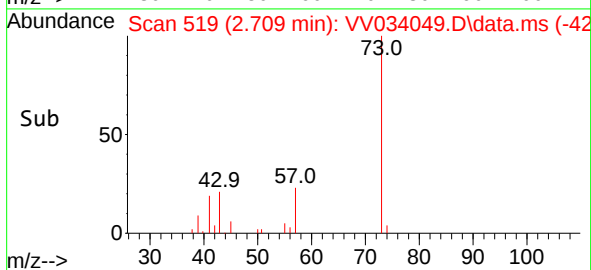
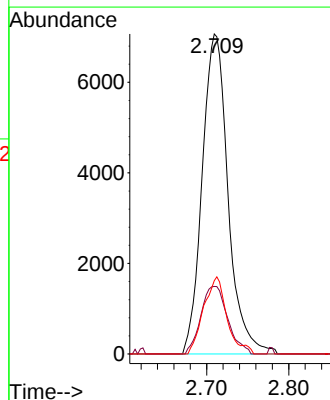
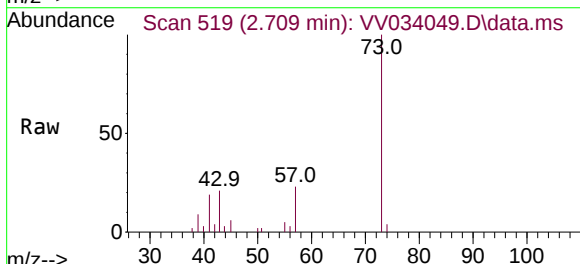
Instrument :
MSVOA_V
ClientSampleId :

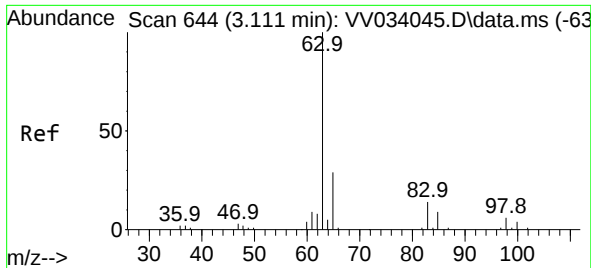
Tgt Ion:101 Resp: 4362
Ion Ratio Lower Upper
101 100
85 44.0 37.1 55.7
151 72.1 61.7 92.5



#17
Methyl tert-butyl Ether
Concen: 1.258 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV034049.D
Acq: 08 Feb 2024 11:24

Tgt Ion: 73 Resp: 15518
Ion Ratio Lower Upper
73 100
43 21.8 17.7 26.5
57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 0.490 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034049.D

Acq: 08 Feb 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

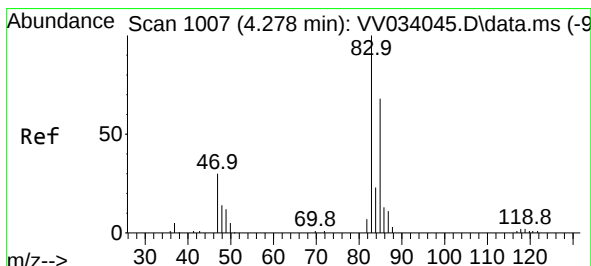
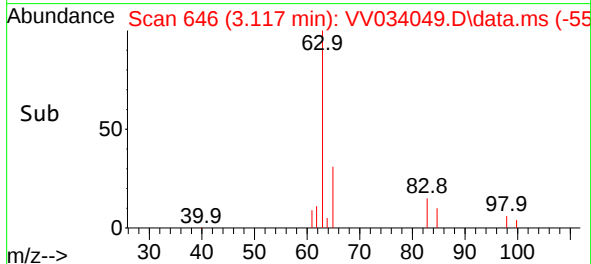
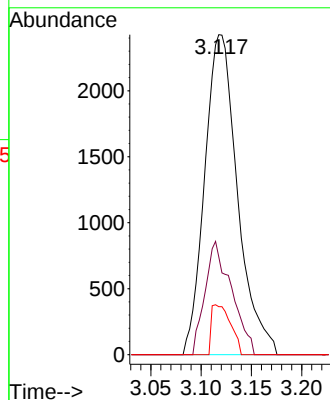
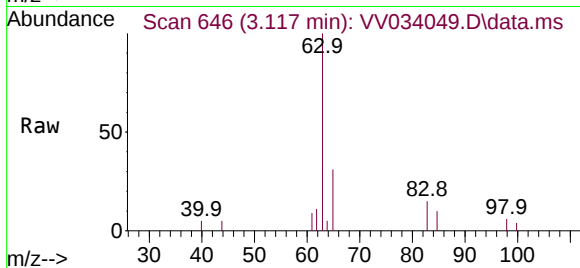
Tgt Ion: 63 Resp: 5508

Ion Ratio Lower Upper

63 100

65 29.2 20.8 38.6

83 14.3 9.4 17.4



#25

Chloroform

Concen: 1.046 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV034049.D

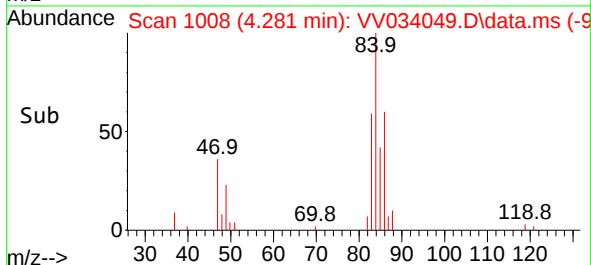
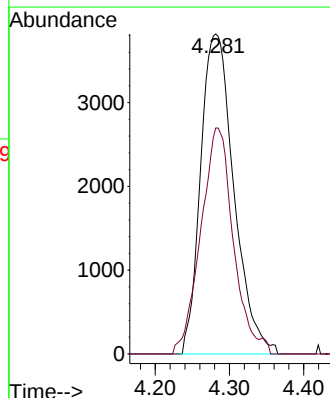
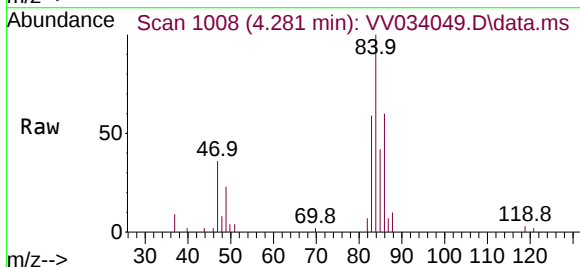
Acq: 08 Feb 2024 11:24

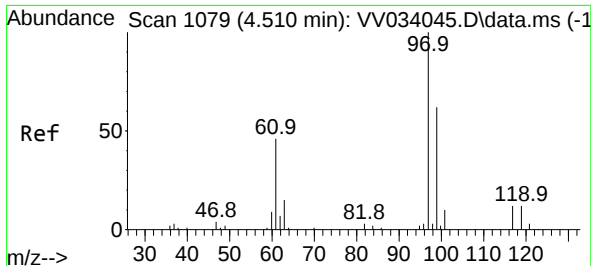
Tgt Ion: 83 Resp: 11877

Ion Ratio Lower Upper

83 100

85 70.6 47.5 88.1





#29

1,1,1-Trichloroethane

Concen: 0.408 ug/L

RT: 4.523 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV034049.D

Acq: 08 Feb 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

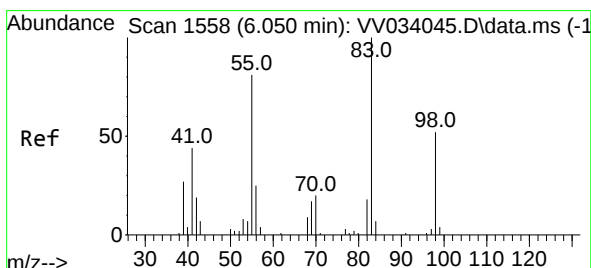
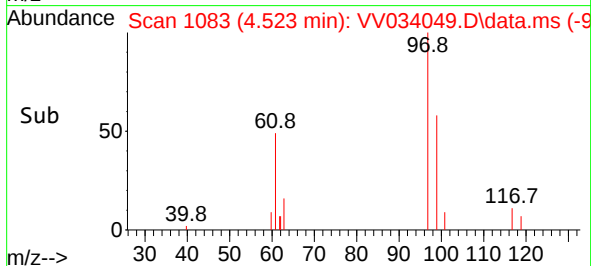
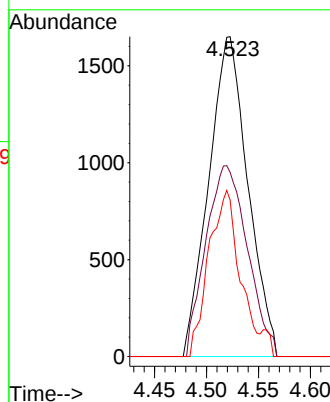
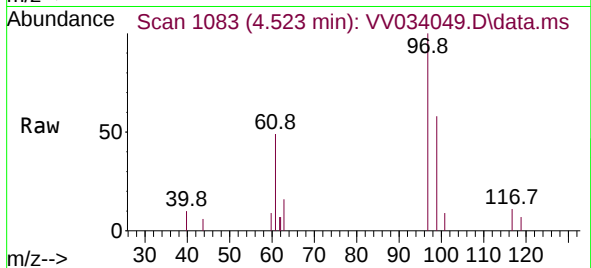
Tgt Ion: 97 Resp: 4321

Ion Ratio Lower Upper

97 100

99 63.6 50.6 75.8

61 41.3 36.8 55.2



#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034049.D

Acq: 08 Feb 2024 11:24

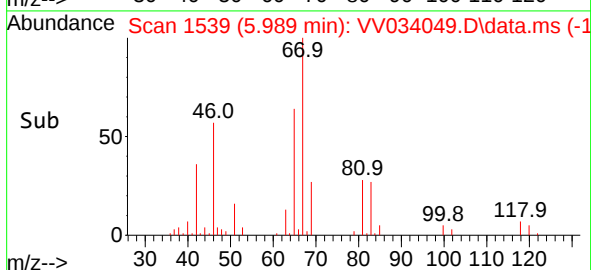
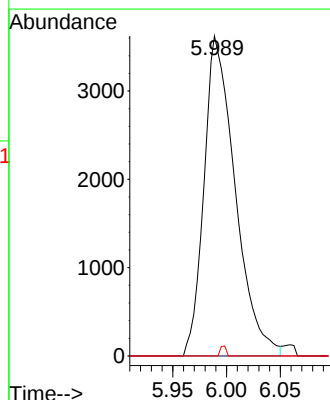
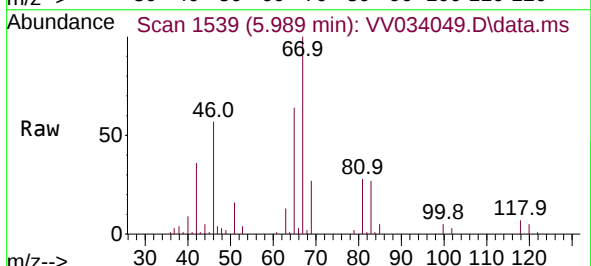
Tgt Ion: 83 Resp: 7302

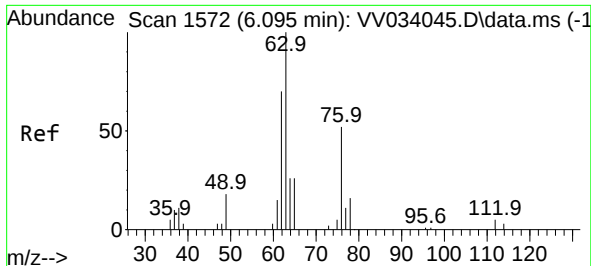
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.6 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.661 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034049.D

Acq: 08 Feb 2024 11:24

Instrument :

MSVOA_V

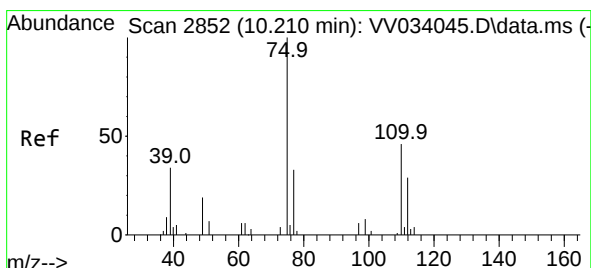
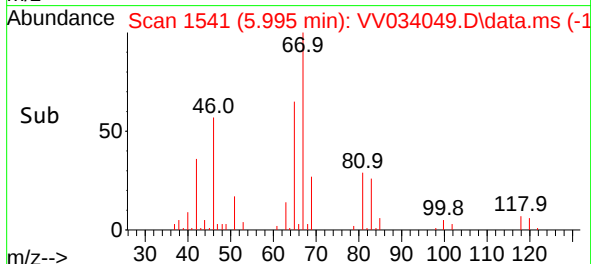
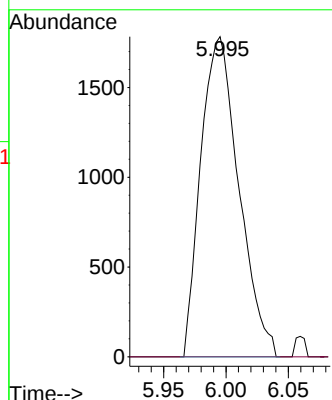
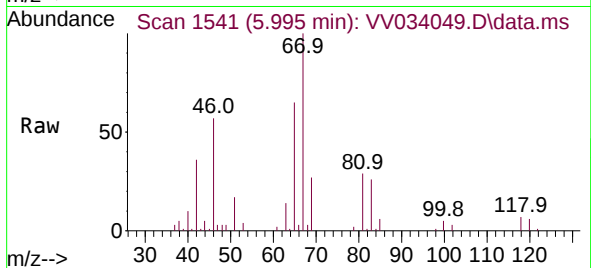
ClientSampleId :

Tgt Ion: 63 Resp: 3790

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#61

1,2,3-Trichloropropane

Concen: 1.836 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034049.D

Acq: 08 Feb 2024 11:24

Tgt Ion: 75 Resp: 5145

Ion Ratio Lower Upper

75 100

77 32.0 26.9 40.3

110 0.0 33.3 49.9#

