

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
 Data File : VV034024.D
 Acq On : 07 Feb 2024 12:33
 Operator : SY/MD
 Sample : P1289-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 08 04:48:14 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)

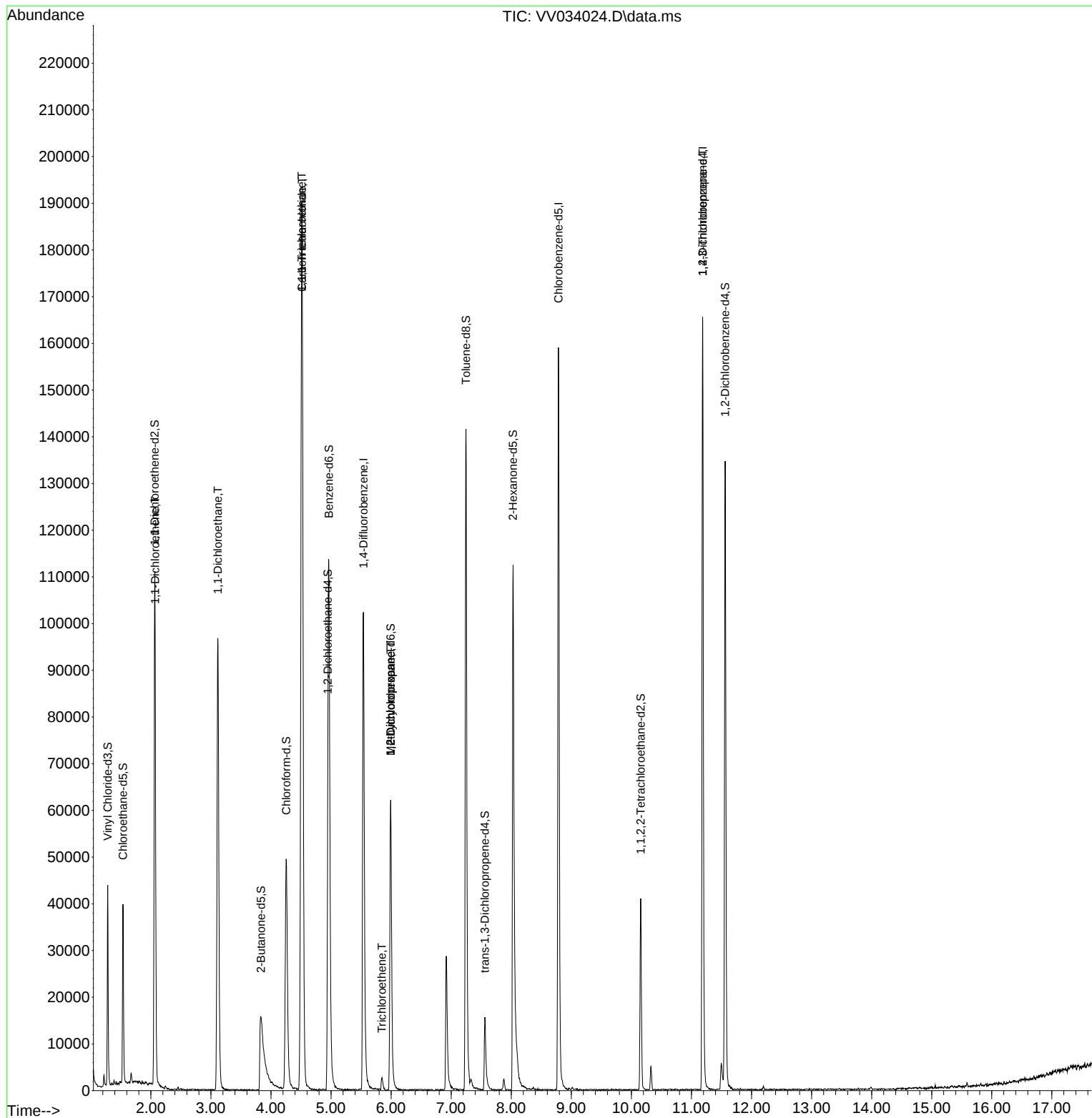
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	92454	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	84440	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	25339	3.539	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.535	69	24061	3.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.063	65	12877	3.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.834	46	44764	37.224	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.440%
24) Chloroform-d	4.252	84	54293	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	4.947	65	27182	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	4.963	84	103660	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.992	67	29629	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.246	98	95536	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	10733	4.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.030	63	43956	46.048	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.100%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19068	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	33361	4.240	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	15086	2.336	ug/L #	69
19) 1,1-Dichloroethane	3.114	63	97360	8.054	ug/L	95
29) 1,1,1-Trichloroethane	4.513	97	159362	14.057	ug/L	99
31) Carbon tetrachloride	4.516	117	19175	1.933	ug/L	98
34) Trichloroethene	5.847	95	1090	0.149	ug/L	79
35) Methylcyclohexane	5.992	83	6992	0.608	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3683	0.600	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	5377	1.808	ug/L #	64

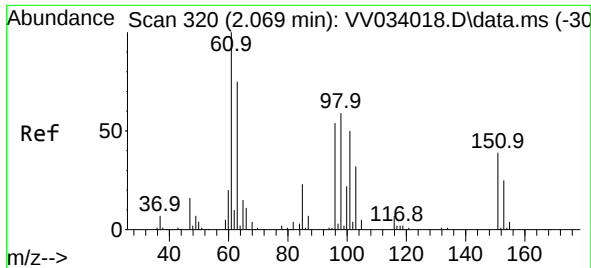
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.336 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034024.D

Acq: 07 Feb 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

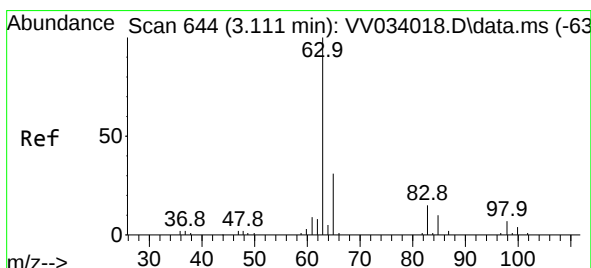
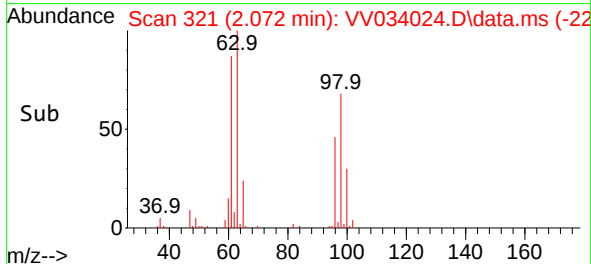
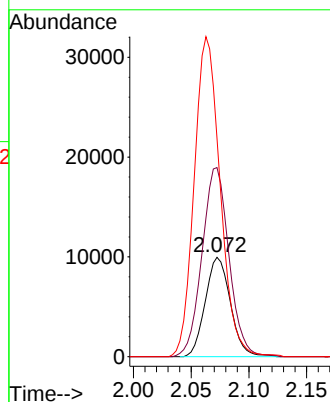
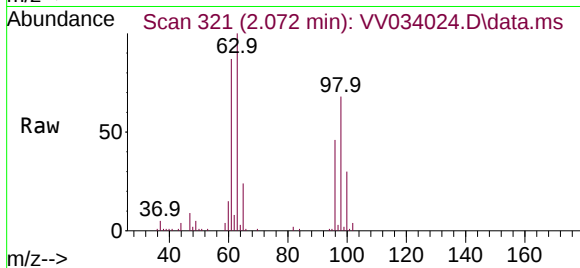
Tgt Ion: 96 Resp: 15086

Ion Ratio Lower Upper

96 100

61 190.2 128.8 239.2

63 219.6 97.9 181.9#



#19

1,1-Dichloroethane

Concen: 8.054 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV034024.D

Acq: 07 Feb 2024 12:33

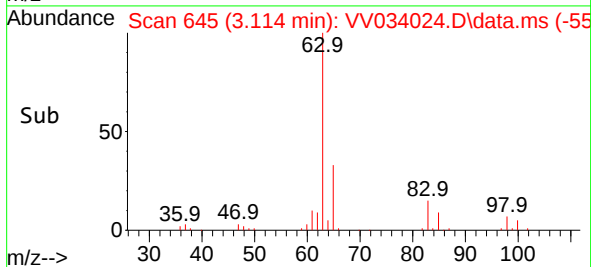
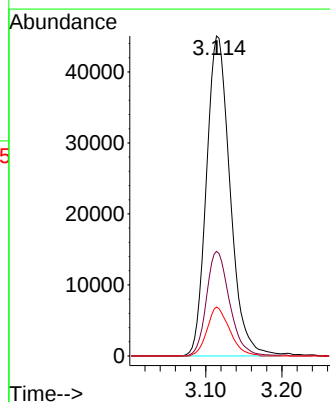
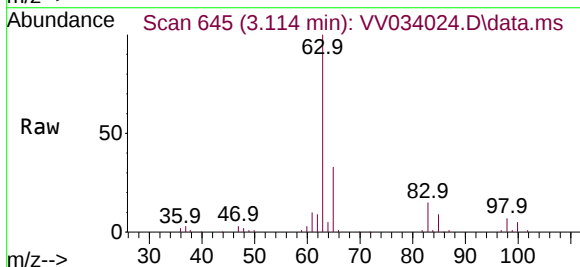
Tgt Ion: 63 Resp: 97360

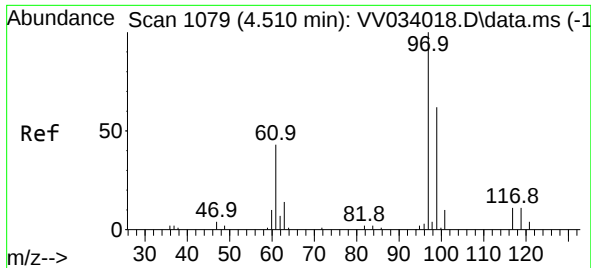
Ion Ratio Lower Upper

63 100

65 32.7 20.8 38.6

83 15.3 9.4 17.4





#29

1,1,1-Trichloroethane

Concen: 14.057 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034024.D

Acq: 07 Feb 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

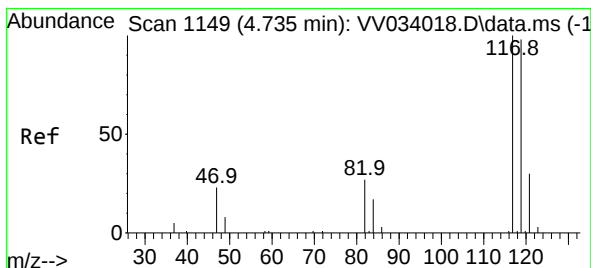
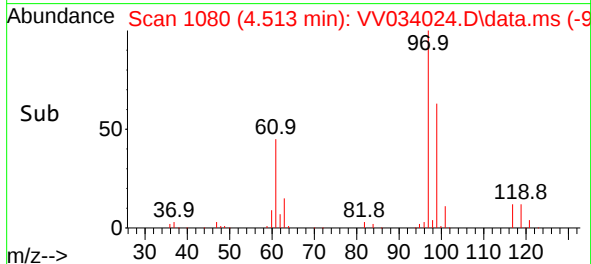
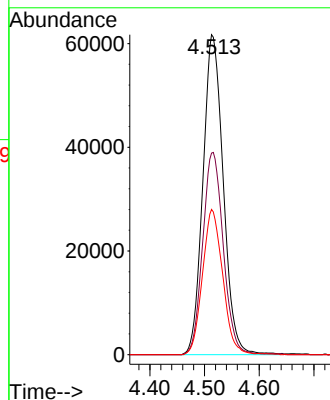
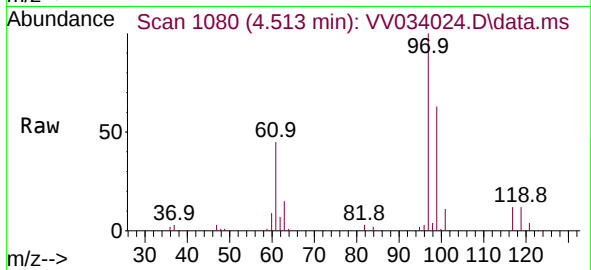
Tgt Ion: 97 Resp: 159362

Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 44.9 36.8 55.2



#31

Carbon tetrachloride

Concen: 1.933 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.219 min

Lab File: VV034024.D

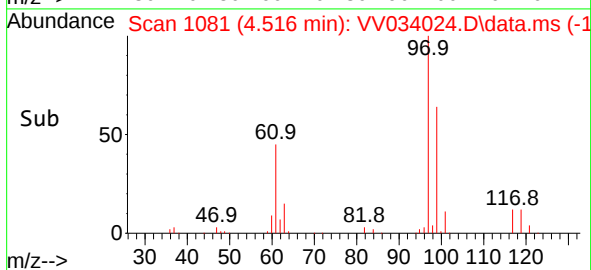
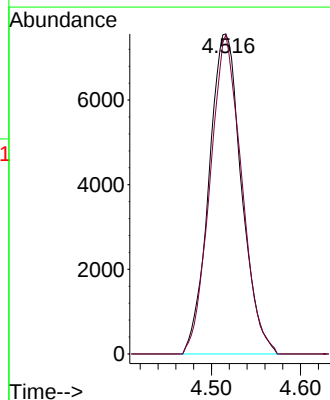
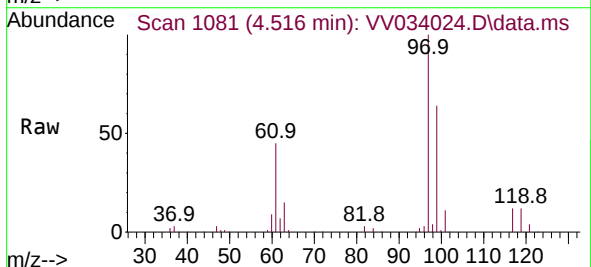
Acq: 07 Feb 2024 12:33

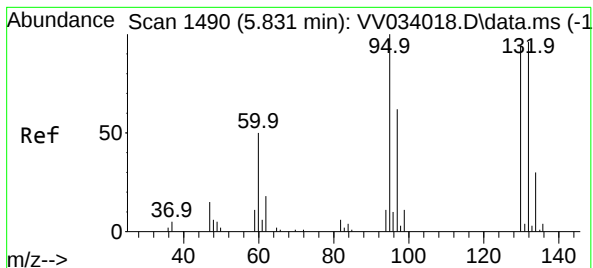
Tgt Ion: 117 Resp: 19175

Ion Ratio Lower Upper

117 100

119 96.7 76.1 114.1





#34

Trichloroethene

Concen: 0.149 ug/L

RT: 5.847 min Scan# 1490

Delta R.T. 0.016 min

Lab File: VV034024.D

Acq: 07 Feb 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1090

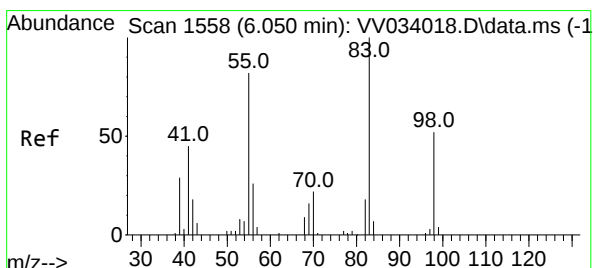
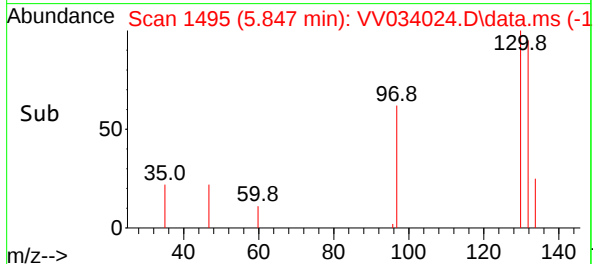
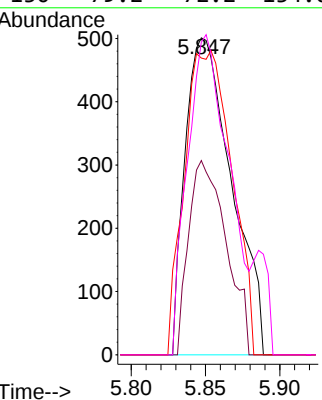
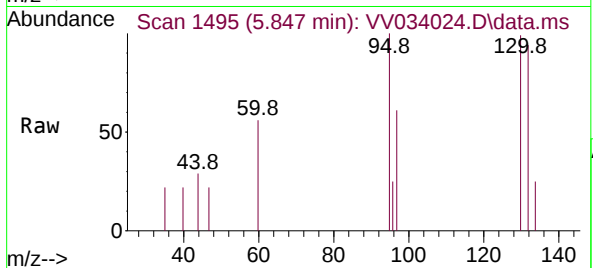
Ion Ratio Lower Upper

95 100

97 49.2 45.1 83.7

132 75.2 66.0 122.6

130 79.2 72.2 134.0



#35

Methylcyclohexane

Concen: 0.608 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034024.D

Acq: 07 Feb 2024 12:33

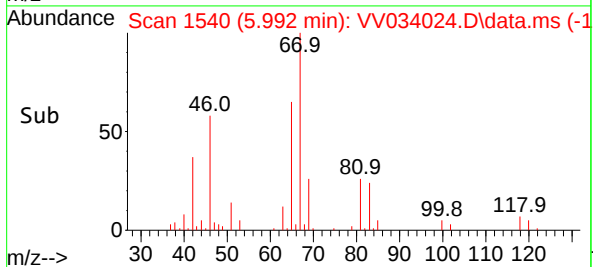
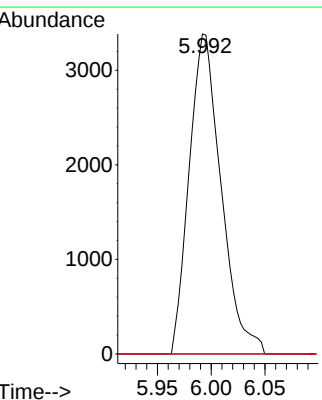
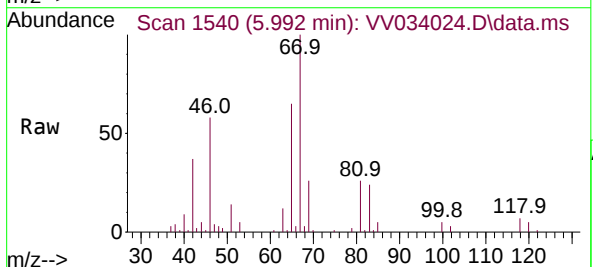
Tgt Ion: 83 Resp: 6992

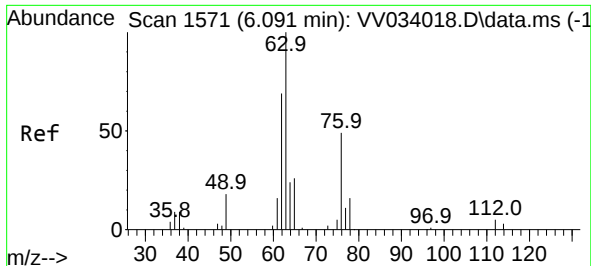
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.600 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034024.D

Acq: 07 Feb 2024 12:33

Instrument :

MSVOA_V

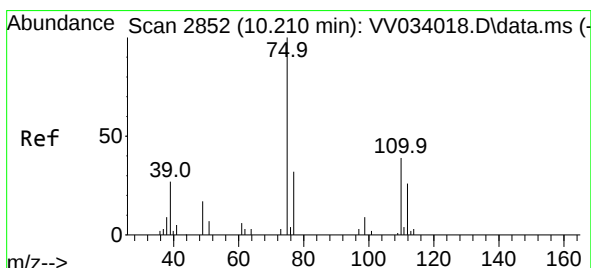
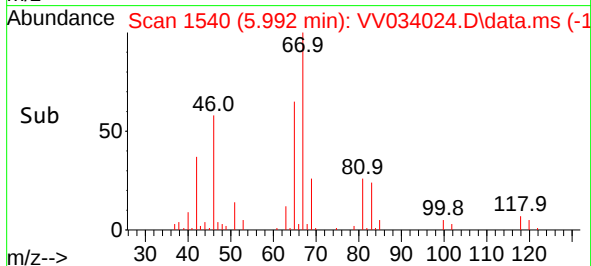
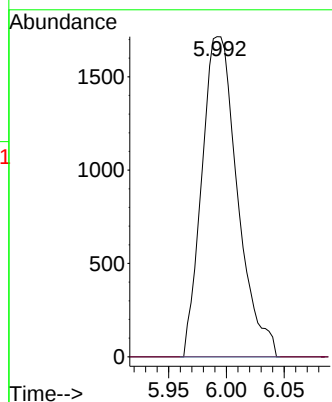
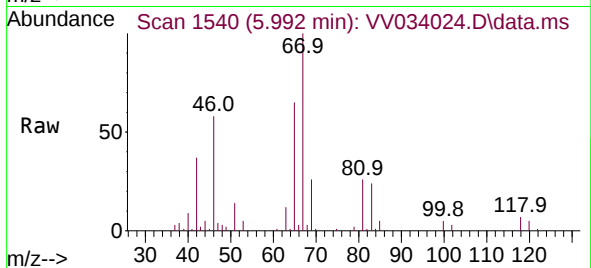
ClientSampleId :

Tgt Ion: 63 Resp: 3683

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#61

1,2,3-Trichloropropane

Concen: 1.808 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV034024.D

Acq: 07 Feb 2024 12:33

Tgt Ion: 75 Resp: 5377

Ion Ratio Lower Upper

75 100

77 34.8 26.9 40.3

110 1.4 33.3 49.9#

