

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
 Data File : VW034007.D
 Acq On : 06 Feb 2024 13:08
 Operator : SY/MD
 Sample : P1289-04DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:40:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

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

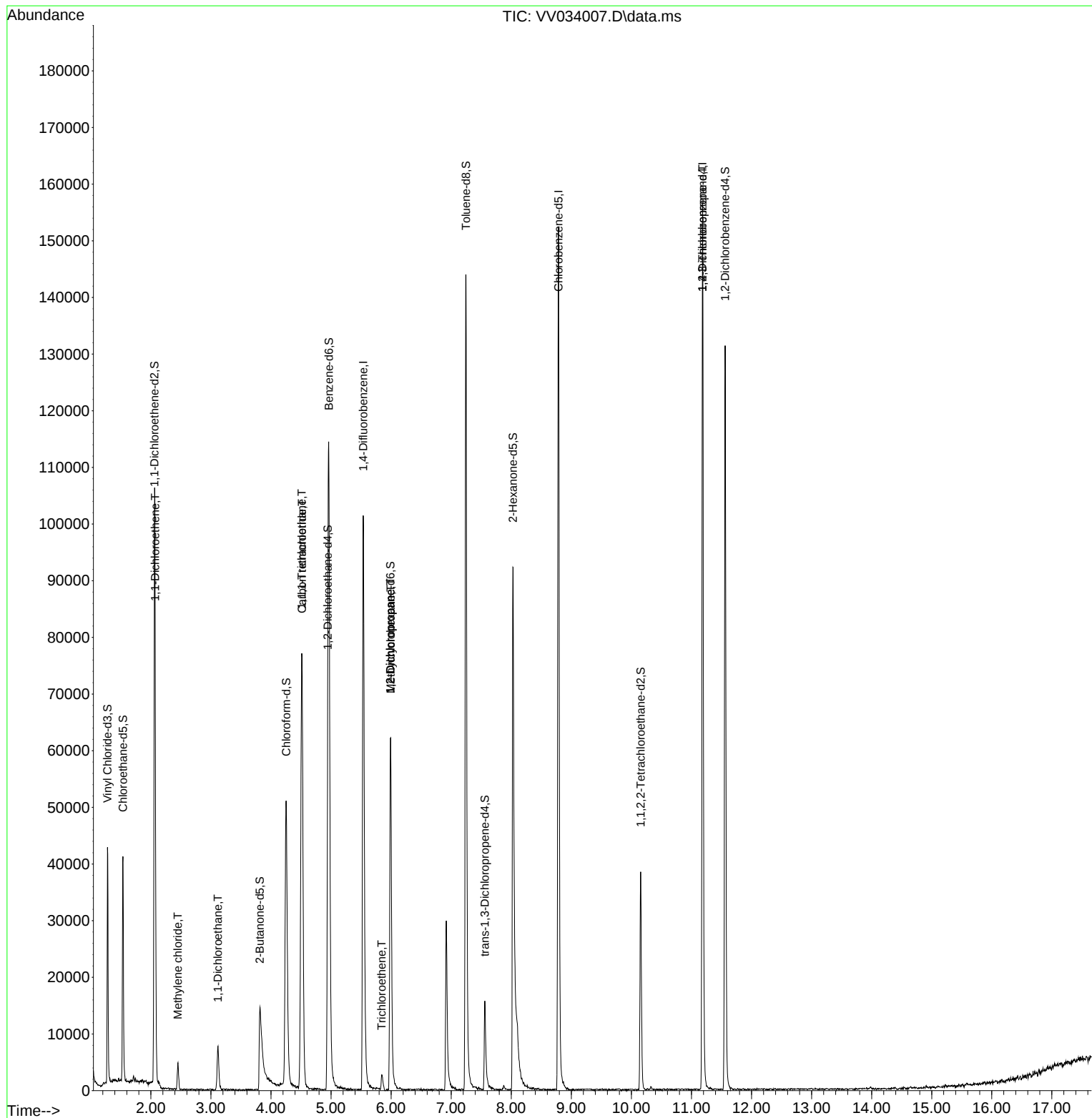
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	89517	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	81798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	40599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26950	3.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.536	69	24792	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.060	65	13573	4.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.815	46	32057	27.532	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.060%
24) Chloroform-d	4.253	84	54023	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	4.944	65	26545	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	4.963	84	104421	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.989	67	29865	4.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.246	98	96796	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.561	79	10857	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.027	63	41071	44.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.840%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18789	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	33257	4.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
12) 1,1-Dichloroethene	2.073	96	11758	1.880	ug/L #	63
16) Methylene chloride	2.449	84	1837	0.306	ug/L	93
19) 1,1-Dichloroethane	3.118	63	8233	0.703	ug/L #	88
29) 1,1,1-Trichloroethane	4.513	97	65730	5.985	ug/L	98
31) Carbon tetrachloride	4.516	117	7701	0.801	ug/L	98
34) Trichloroethene	5.844	95	1041	0.147	ug/L	91
35) Methylcyclohexane	5.992	83	7528	0.675	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3840	0.646	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	5043	1.807	ug/L #	63

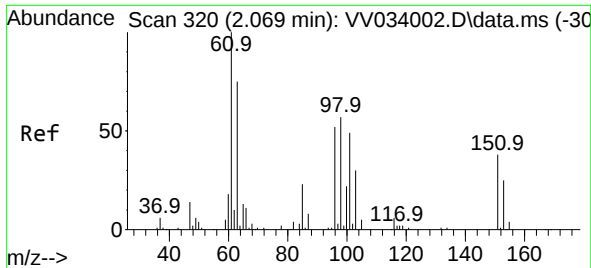
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 07 00:49:42 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.880 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.004 min

Lab File: VV034007.D

Acq: 06 Feb 2024 13:08

Instrument :

MSVOA_V

ClientSampleId :

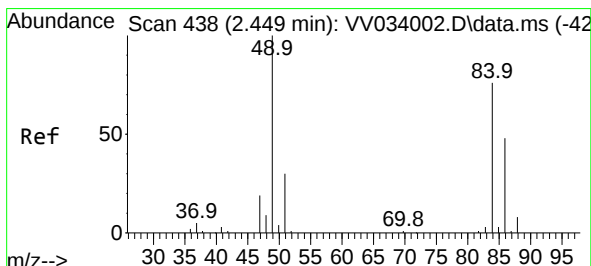
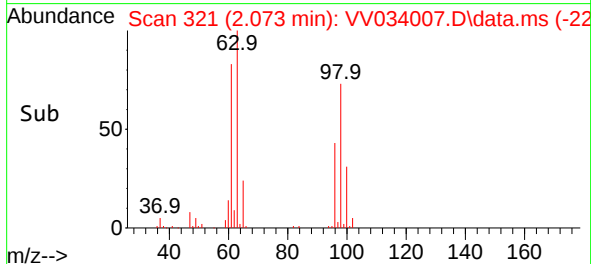
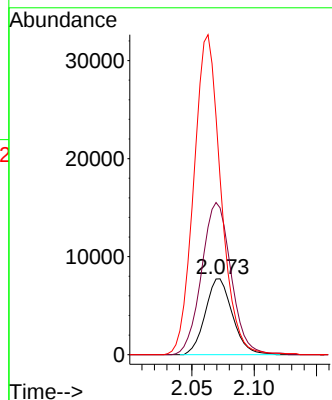
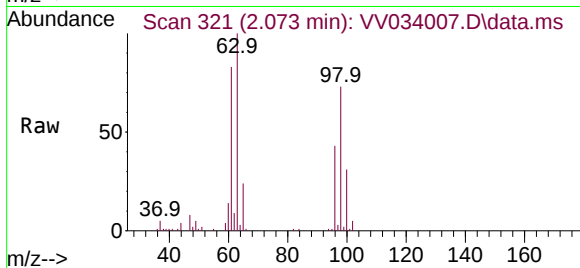
Tgt Ion: 96 Resp: 11758

Ion Ratio Lower Upper

96 100

61 193.5 128.8 239.2

63 233.8 97.9 181.9#



#16

Methylene chloride

Concen: 0.306 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034007.D

Acq: 06 Feb 2024 13:08

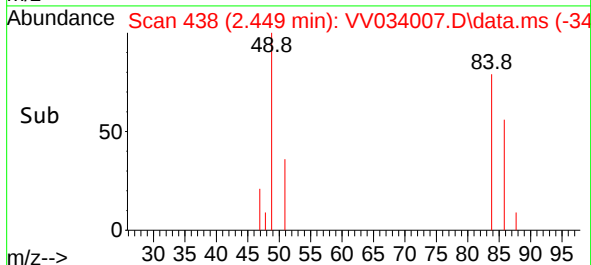
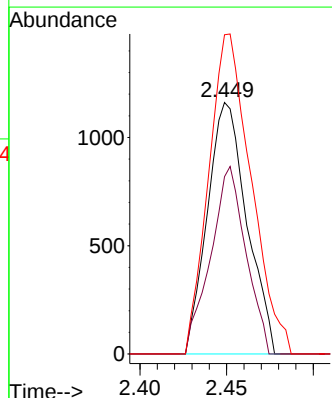
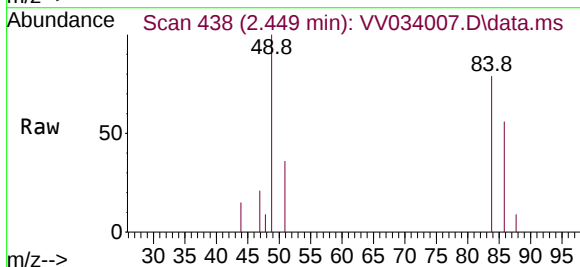
Tgt Ion: 84 Resp: 1837

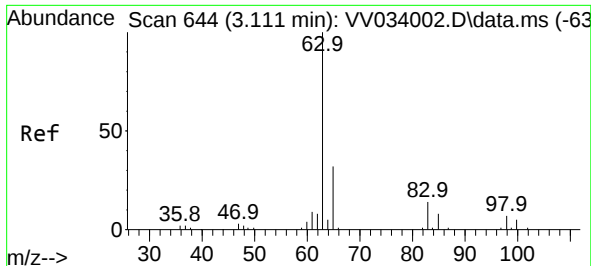
Ion Ratio Lower Upper

84 100

86 70.5 44.7 83.1

49 126.9 93.7 173.9





#19

1,1-Dichloroethane

Concen: 0.703 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV034007.D

Acq: 06 Feb 2024 13:08

Instrument :

MSVOA_V

ClientSampleId :

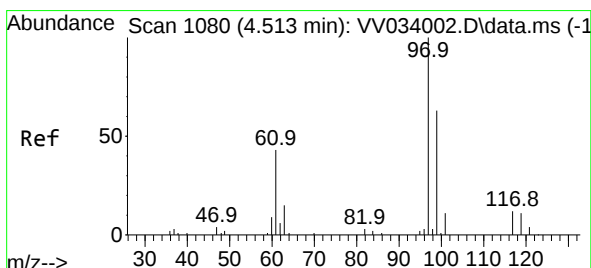
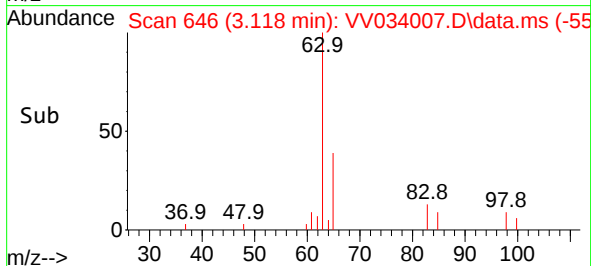
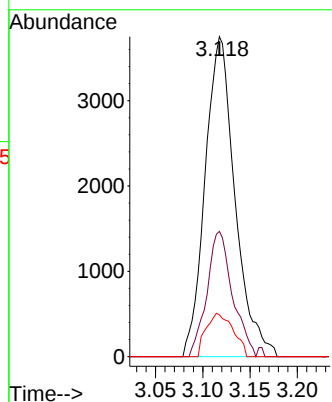
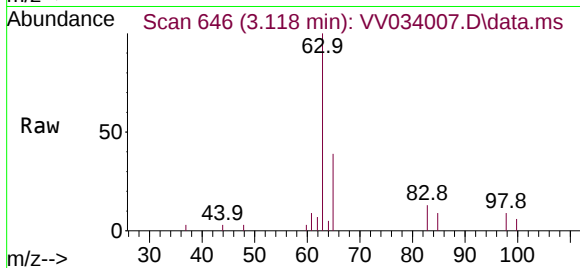
Tgt Ion: 63 Resp: 8233

Ion Ratio Lower Upper

63 100

65 39.1 20.8 38.6#

83 13.1 9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 5.985 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV034007.D

Acq: 06 Feb 2024 13:08

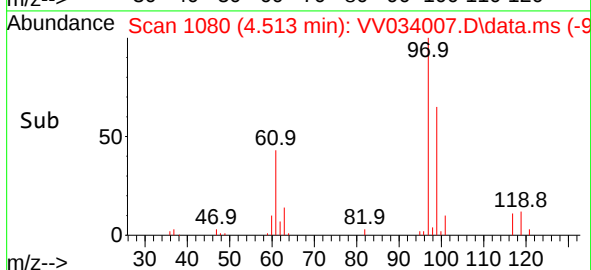
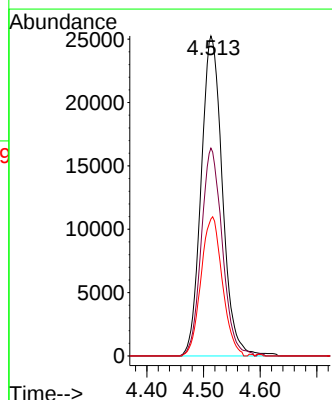
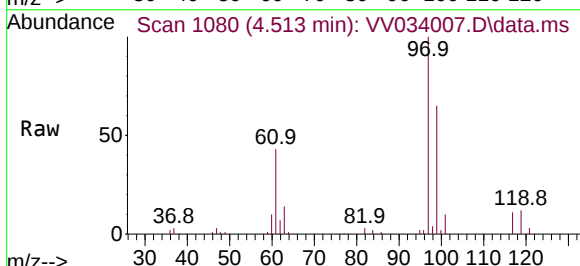
Tgt Ion: 97 Resp: 65730

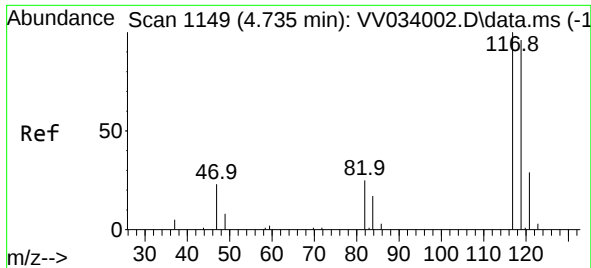
Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

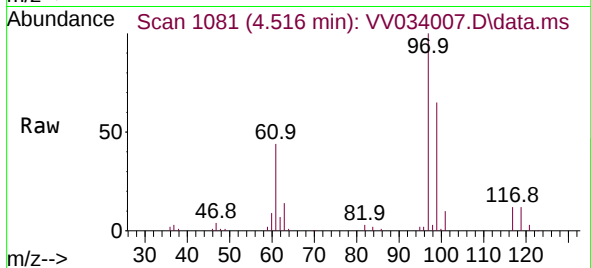
61 43.7 36.8 55.2



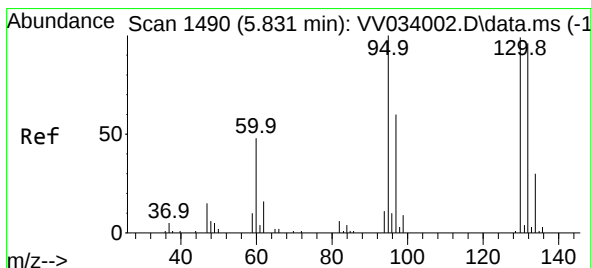
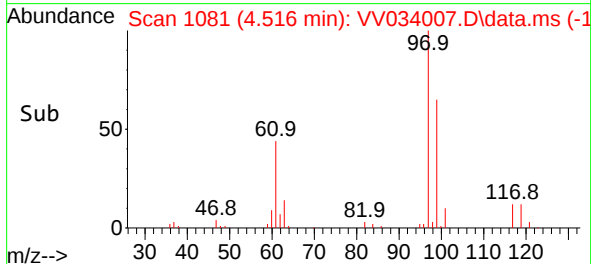
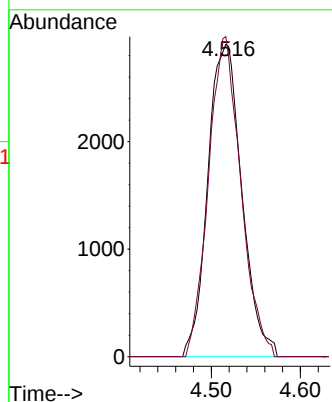


#31
Carbon tetrachloride
Concen: 0.801 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. -0.219 min
Lab File: VV034007.D
Acq: 06 Feb 2024 13:08

Instrument :
MSVOA_V
ClientSampleId :

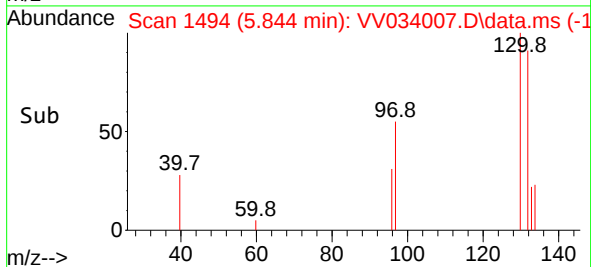
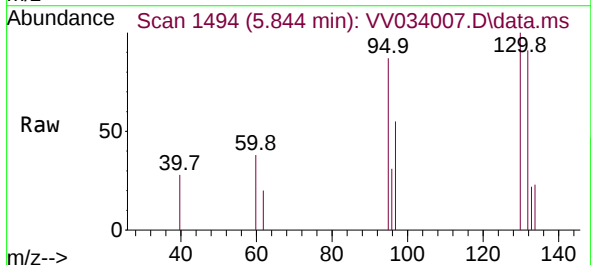
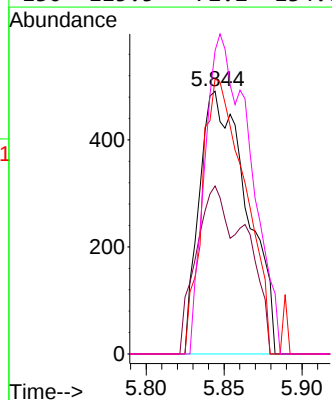


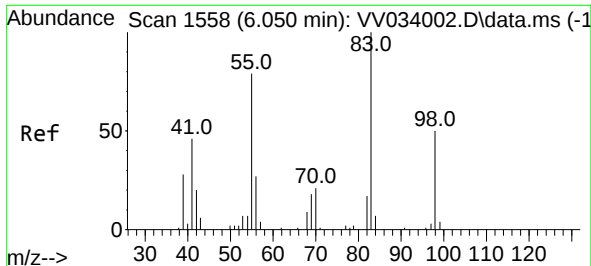
Tgt Ion:117 Resp: 7701
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1



#34
Trichloroethene
Concen: 0.147 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV034007.D
Acq: 06 Feb 2024 13:08

Tgt Ion: 95 Resp: 1041
Ion Ratio Lower Upper
95 100
97 64.0 45.1 83.7
132 104.7 66.0 122.6
130 115.5 72.2 134.0





#35

Methylcyclohexane

Concen: 0.675 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034007.D

Acq: 06 Feb 2024 13:08

Instrument :

MSVOA_V

ClientSampleId :

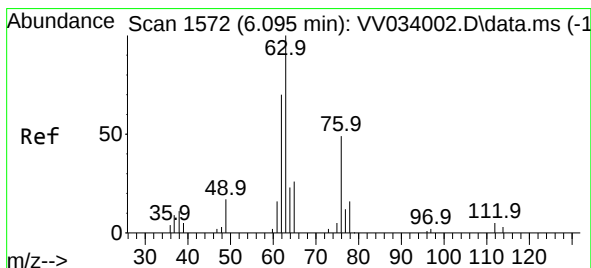
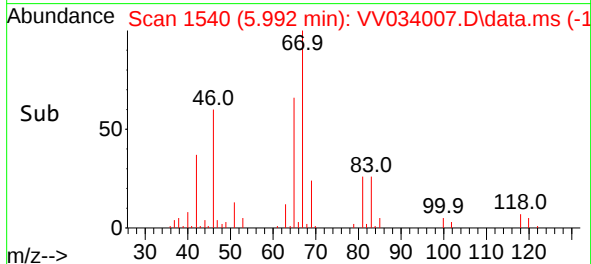
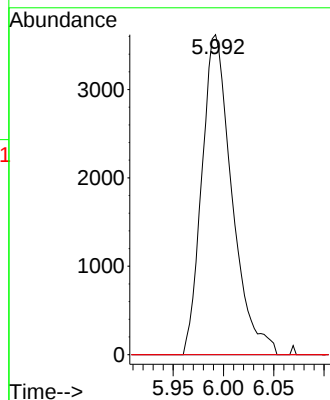
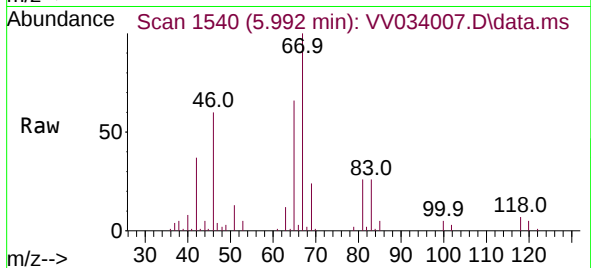
Tgt Ion: 83 Resp: 7528

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: 0.646 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.106 min

Lab File: VV034007.D

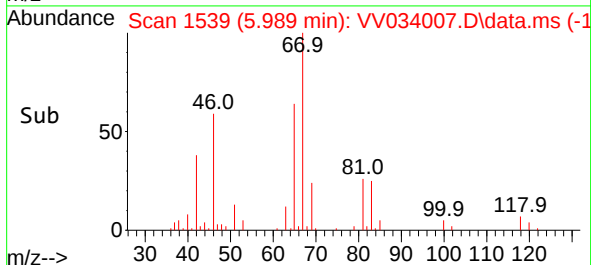
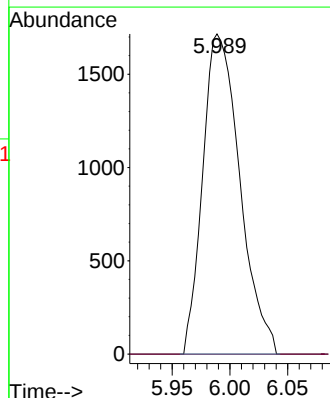
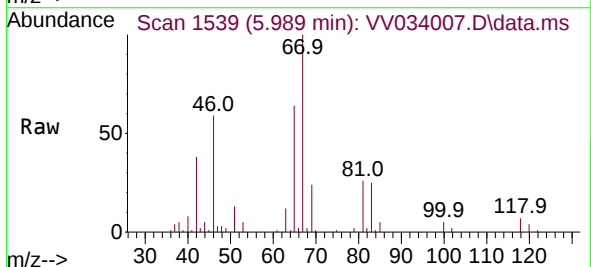
Acq: 06 Feb 2024 13:08

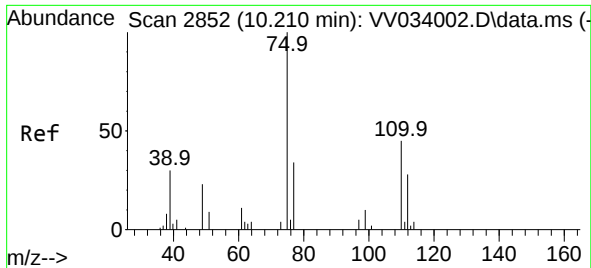
Tgt Ion: 63 Resp: 3840

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#61

1,2,3-Trichloropropane

Concen: 1.807 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.975 min

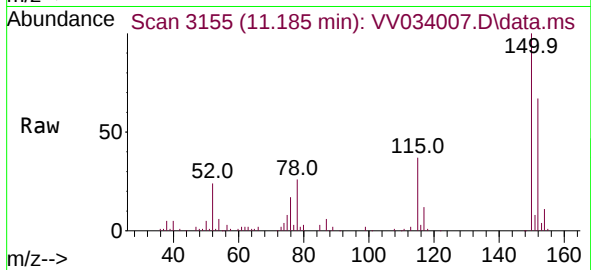
Lab File: VV034007.D

Acq: 06 Feb 2024 13:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5043

Ion Ratio Lower Upper

75 100

77 35.6 26.9 40.3

110 0.8 33.3 49.9#

