

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033990.D
 Acq On : 05 Feb 2024 16:02
 Operator : SY/MD
 Sample : P1289-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:15:33 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)

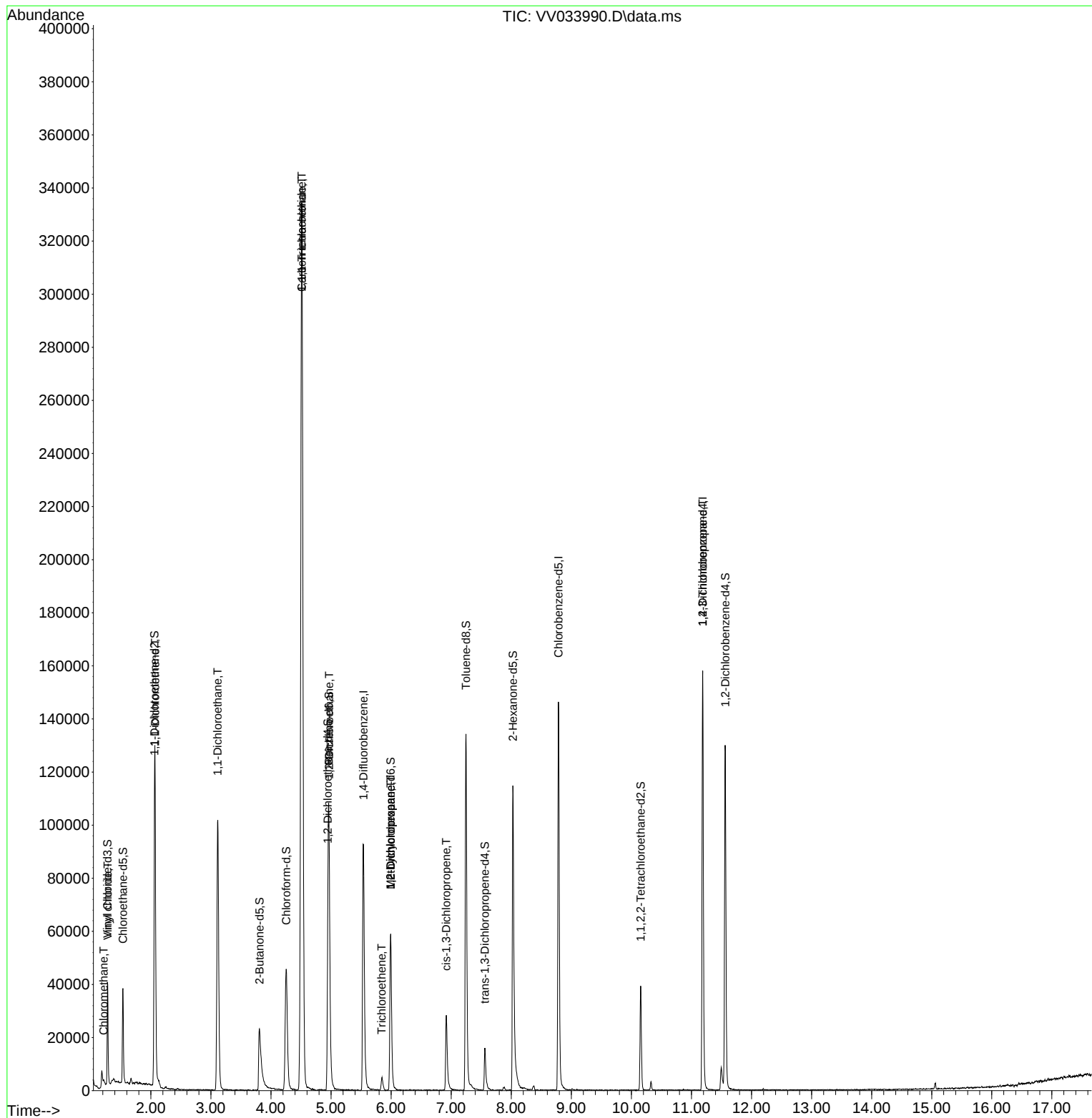
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	83669	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	77435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24181	3.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.535	69	22467	3.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.059	65	12941	4.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.809	46	48625	44.680	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.360%
24) Chloroform-d	4.252	84	50045	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	4.947	65	24736	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	4.963	84	96418	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.992	67	27909	4.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.246	98	90514	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.561	79	10488	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.027	63	40299	46.036	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18409	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	32628	4.443	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1113	0.133	ug/L	93
5) Vinyl chloride	1.281	62	901	0.113	ug/L #	26
12) 1,1-Dichloroethene	2.072	96	22938	3.924	ug/L	98
19) 1,1-Dichloroethane	3.114	63	101841	9.310	ug/L	98
27) 1,2-Dichloroethane	4.966	62	703	0.111	ug/L #	76
29) 1,1,1-Trichloroethane	4.513	97	277308	26.674	ug/L	99
31) Carbon tetrachloride	4.513	117	34249	3.765	ug/L	100
34) Trichloroethene	5.844	95	1852	0.276	ug/L	96
35) Methylcyclohexane	5.992	83	6943	0.658	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3396	0.604	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	854	0.100	ug/L	84
61) 1,2,3-Trichloropropane	11.188	75	5168	1.861	ug/L #	64

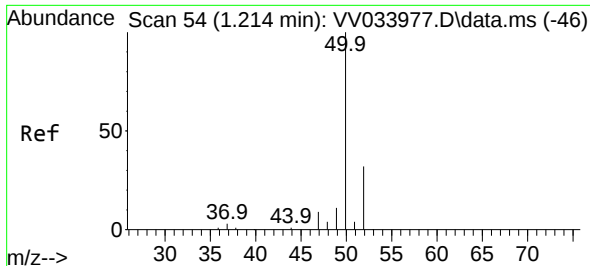
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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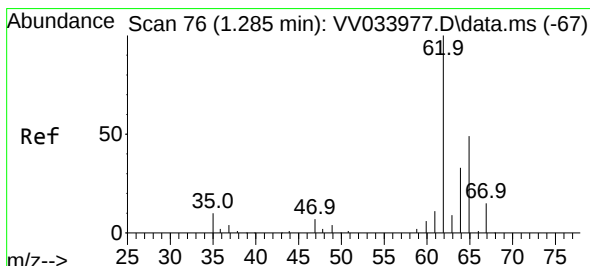
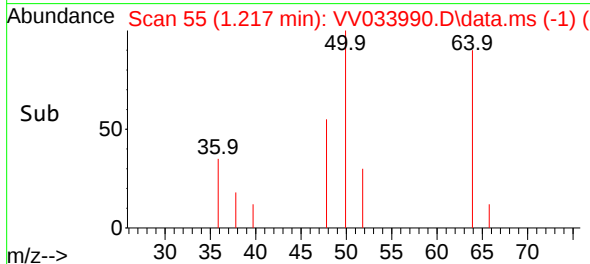
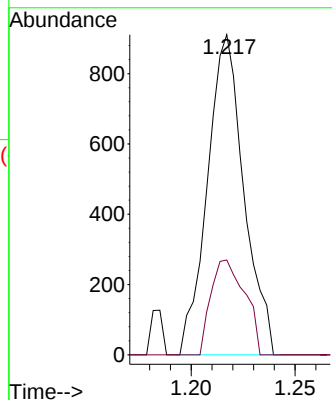
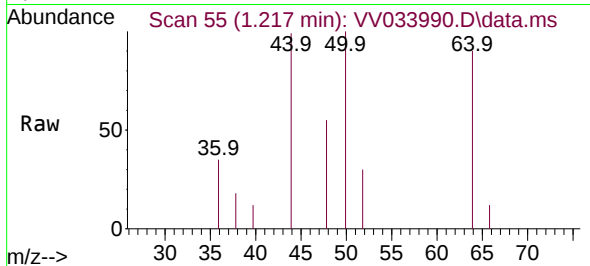




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV033990.D
Acq: 05 Feb 2024 16:02

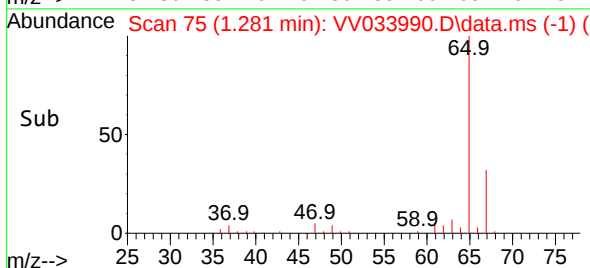
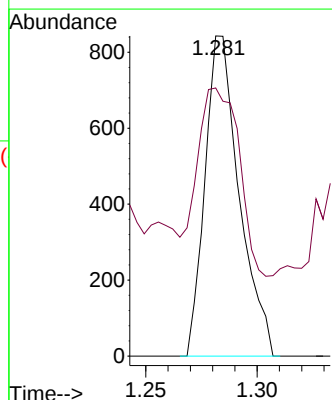
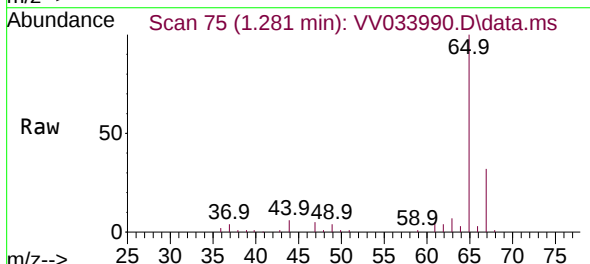
Instrument :
MSVOA_V
ClientSampleId :

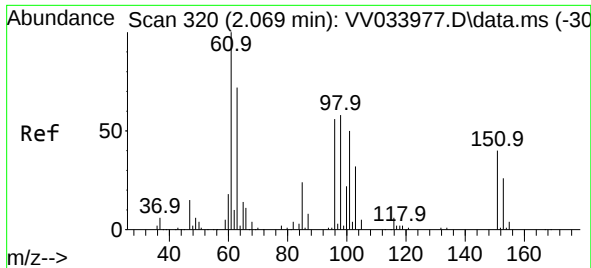
Tgt Ion: 50 Resp: 1113
Ion Ratio Lower Upper
50 100
52 29.6 23.4 43.4



#5
Vinyl chloride
Concen: 0.113 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.003 min
Lab File: VV033990.D
Acq: 05 Feb 2024 16:02

Tgt Ion: 62 Resp: 901
Ion Ratio Lower Upper
62 100
64 83.7 27.2 50.4#





#12

1,1-Dichloroethene

Concen: 3.924 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033990.D

Acq: 05 Feb 2024 16:02

Instrument :

MSVOA_V

ClientSampleId :

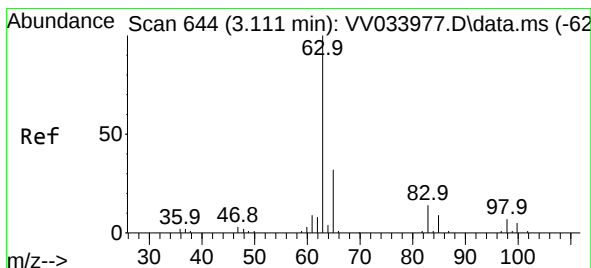
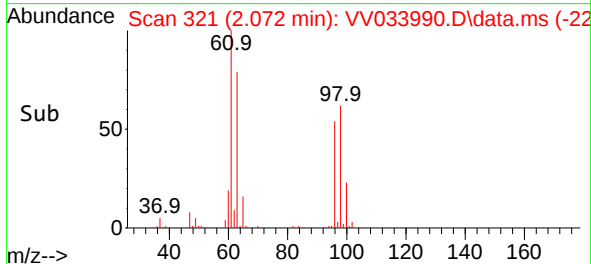
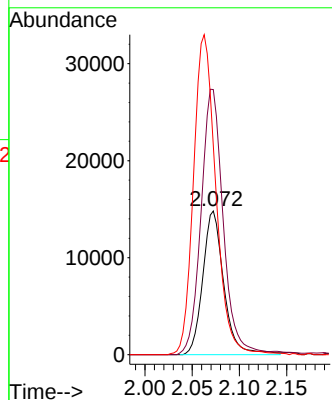
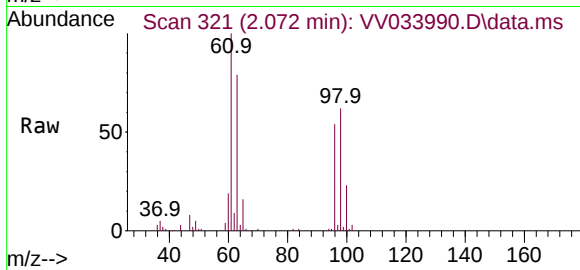
Tgt Ion: 96 Resp: 22938

Ion Ratio Lower Upper

96 100

61 184.5 128.8 239.2

63 145.4 97.9 181.9



#19

1,1-Dichloroethane

Concen: 9.310 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV033990.D

Acq: 05 Feb 2024 16:02

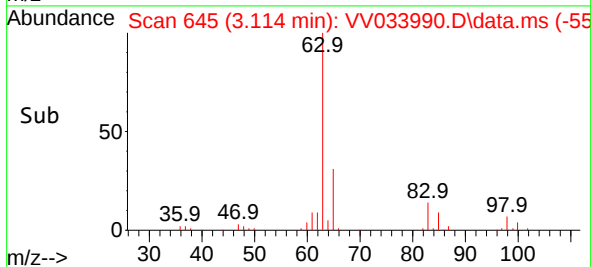
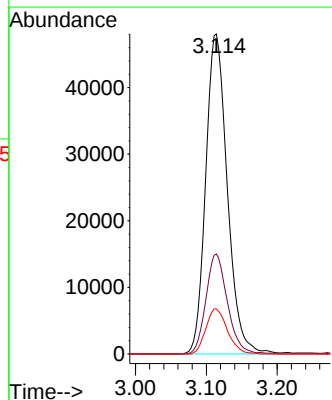
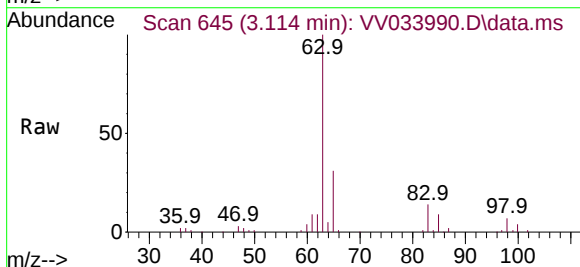
Tgt Ion: 63 Resp: 101841

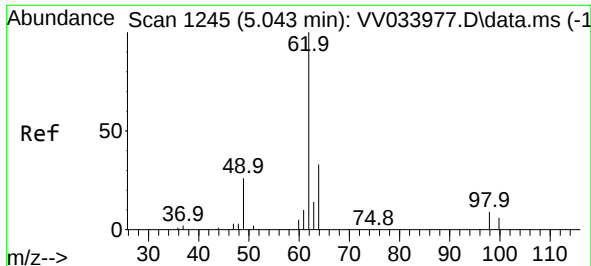
Ion Ratio Lower Upper

63 100

65 31.3 20.8 38.6

83 14.0 9.4 17.4





#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 4.966 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV033990.D

Acq: 05 Feb 2024 16:02

Instrument :

MSVOA_V

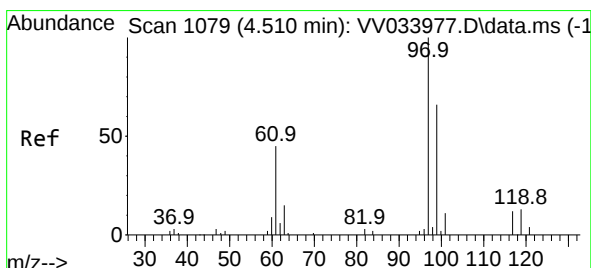
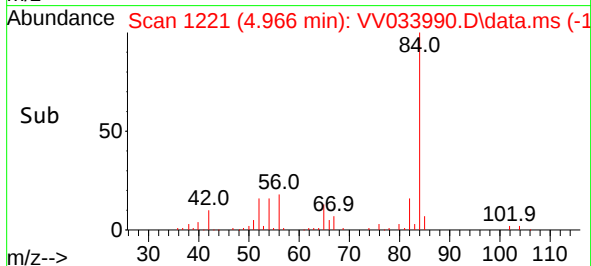
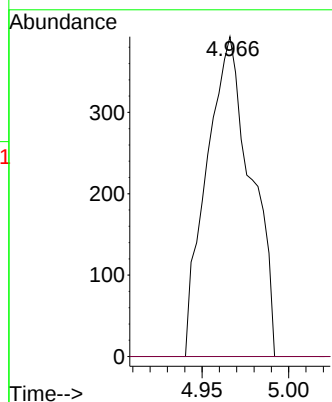
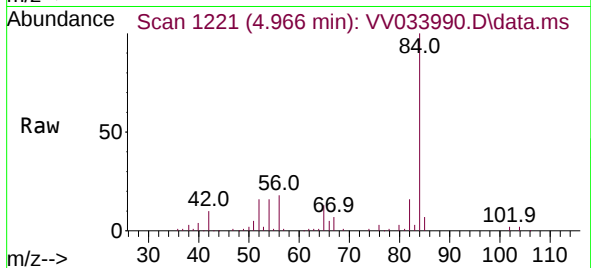
ClientSampleId :

Tgt Ion: 62 Resp: 703

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#



#29

1,1,1-Trichloroethane

Concen: 26.674 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033990.D

Acq: 05 Feb 2024 16:02

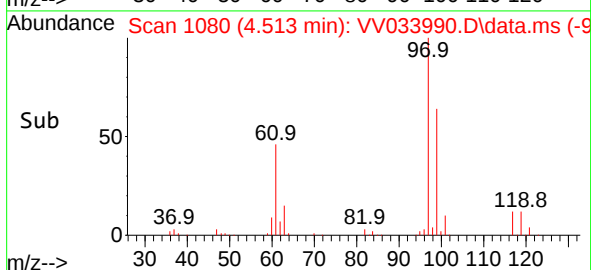
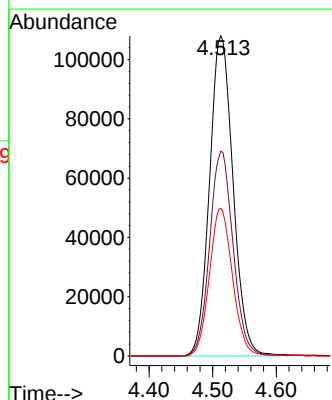
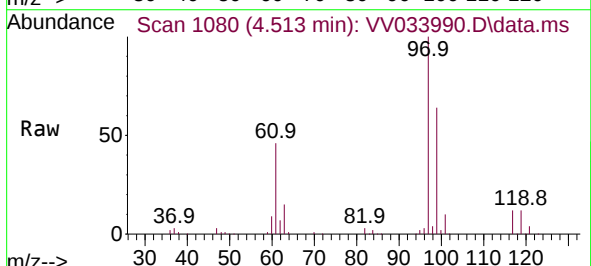
Tgt Ion: 97 Resp: 277308

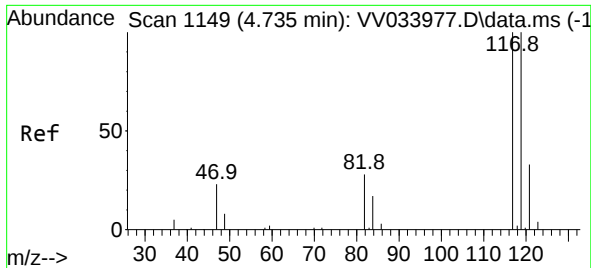
Ion Ratio Lower Upper

97 100

99 63.8 50.6 75.8

61 45.3 36.8 55.2

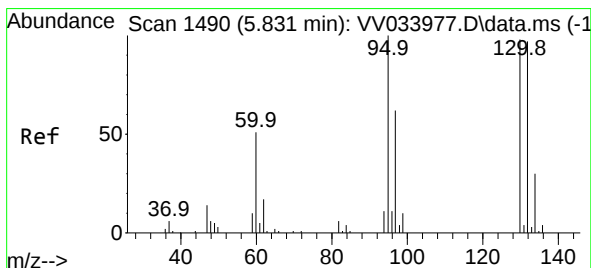
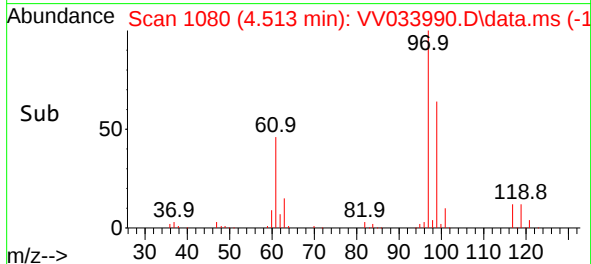
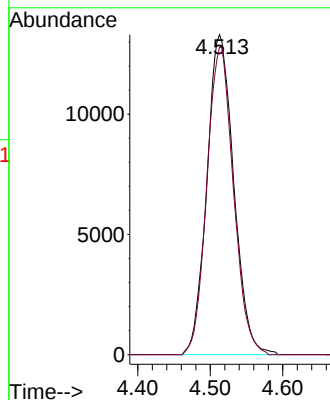
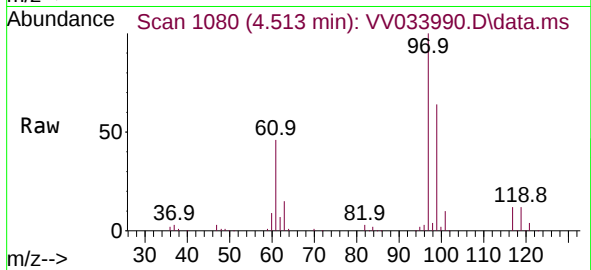




#31
Carbon tetrachloride
Concen: 3.765 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.222 min
Lab File: VV033990.D
Acq: 05 Feb 2024 16:02

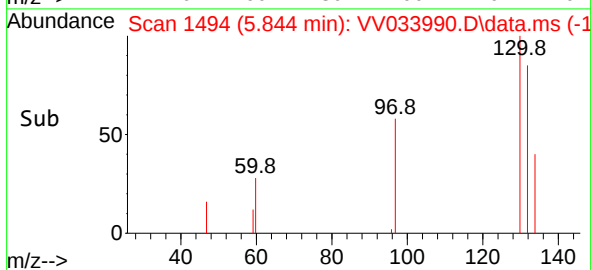
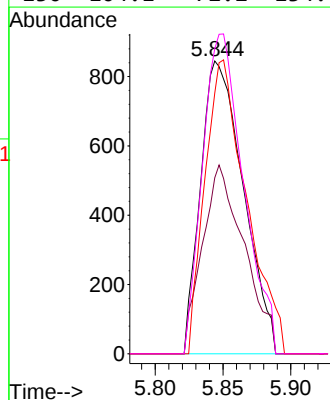
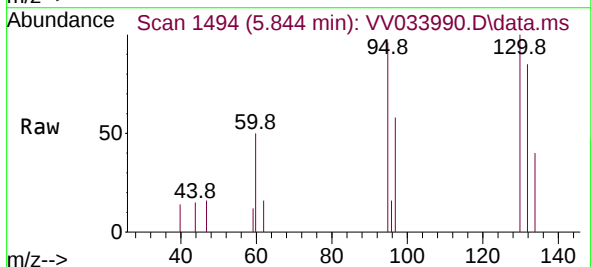
Instrument :
MSVOA_V
ClientSampleId :

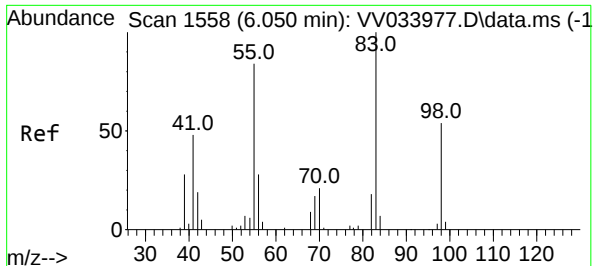
Tgt Ion:117 Resp: 34249
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1



#34
Trichloroethene
Concen: 0.276 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV033990.D
Acq: 05 Feb 2024 16:02

Tgt Ion: 95 Resp: 1852
Ion Ratio Lower Upper
95 100
97 60.1 45.1 83.7
132 89.0 66.0 122.6
130 104.1 72.2 134.0





#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV033990.D

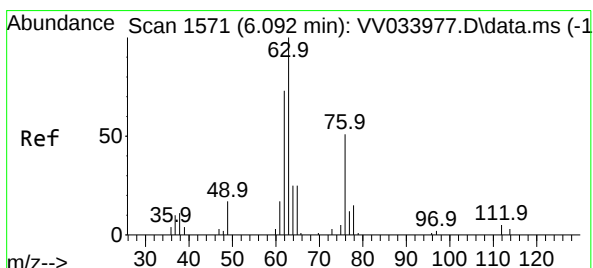
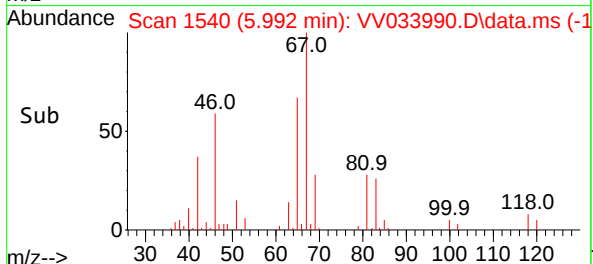
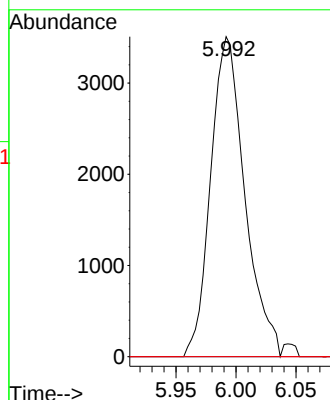
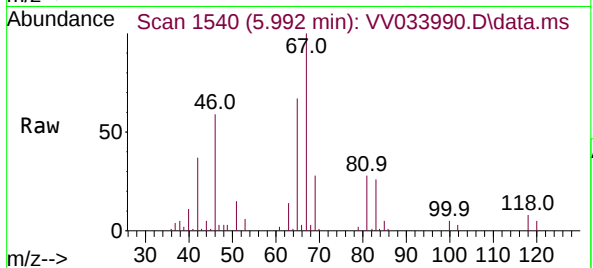
Acq: 05 Feb 2024 16:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6943
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

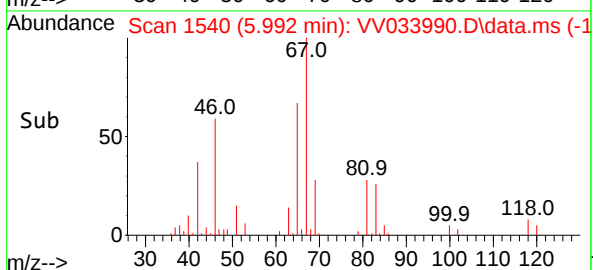
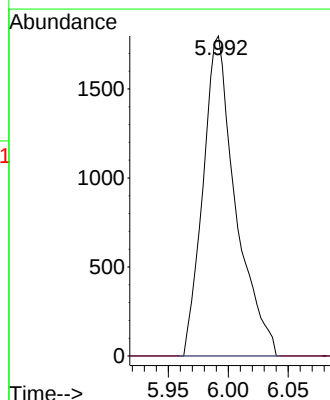
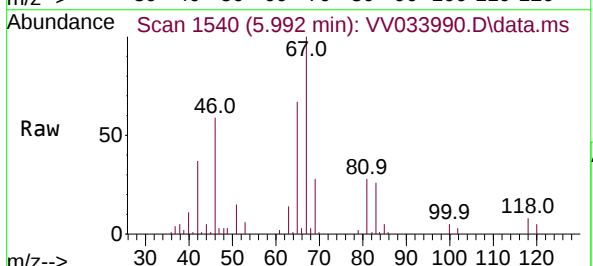
RT: 5.992 min Scan# 1540

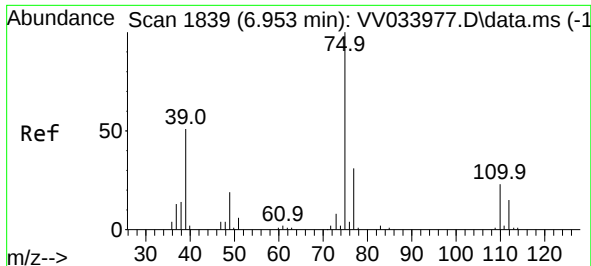
Delta R.T. -0.100 min

Lab File: VV033990.D

Acq: 05 Feb 2024 16:02

Tgt Ion: 63	Resp: 3396
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV033990.D

Acq: 05 Feb 2024 16:02

Instrument :

MSVOA_V

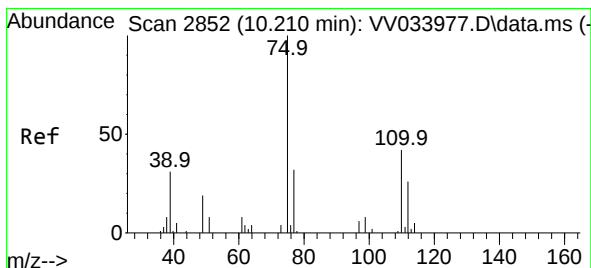
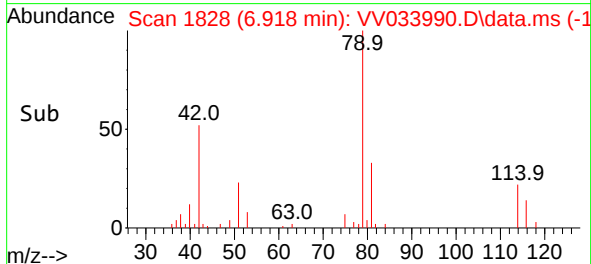
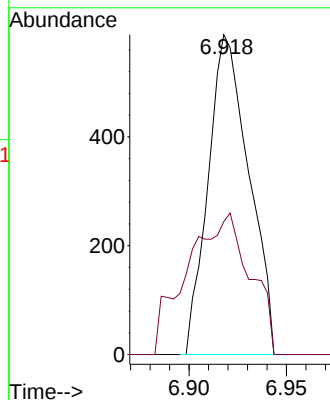
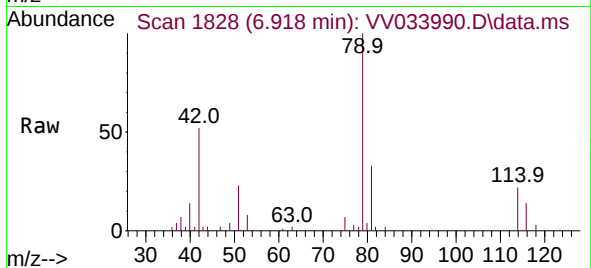
ClientSampleId :

Tgt Ion: 75 Resp: 854

Ion Ratio Lower Upper

75 100

77 41.5 22.9 42.5



#61

1,2,3-Trichloropropane

Concen: 1.861 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV033990.D

Acq: 05 Feb 2024 16:02

Tgt Ion: 75 Resp: 5168

Ion Ratio Lower Upper

75 100

77 33.7 26.9 40.3

110 0.8 33.3 49.9

