

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026777.D
 Acq On : 14 Jul 2022 15:06
 Operator : SY/MD
 Sample : N3704-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ5

Quant Time: Jul 15 06:43:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

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

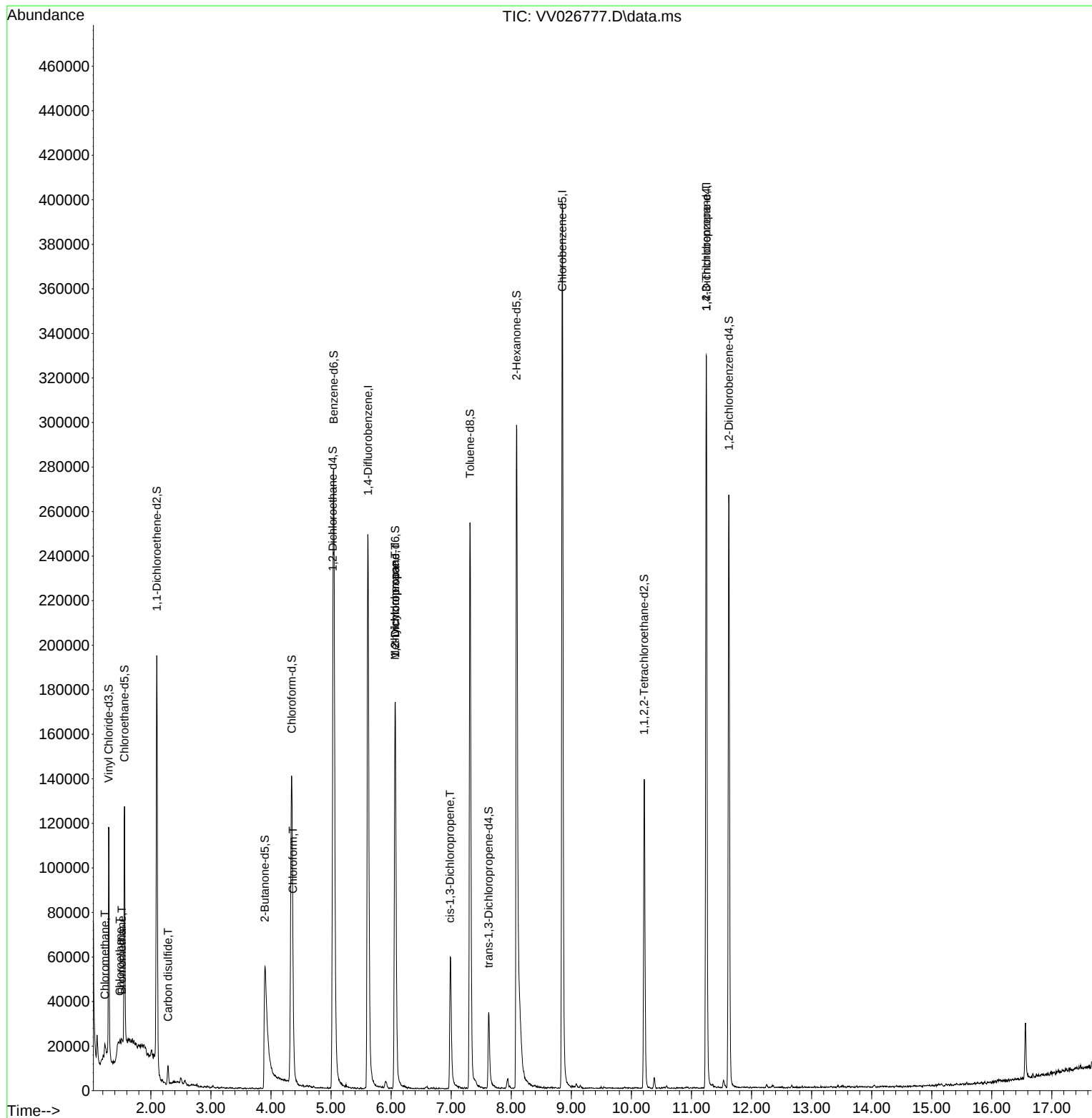
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	220095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	227616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	88285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	67617	3.368	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.561	69	68119	3.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.098	63	96117	2.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.800%#
20) 2-Butanone-d5	3.899	46	131432	41.940	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.880%
24) Chloroform-d	4.346	84	151968	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.031	65	70660	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.043	84	257012	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.069	67	89900	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.313	98	176630	2.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.600%#
43) trans-1,3-Dichloroprop...	7.625	79	22231	3.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.088	63	123972	42.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	70721	4.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	69312	4.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	3633	0.135	ug/L #	81
6) Bromomethane	1.516	94	1135	0.069	ug/L	90
8) Chloroethane	1.484	64	20770	1.289	ug/L #	52
14) Carbon disulfide	2.285	76	9800	0.172	ug/L	98
25) Chloroform	4.365	83	2600	0.077	ug/L	90
35) Methylcyclohexane	6.066	83	21579	0.756	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	9518	0.523	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1491	0.066	ug/L #	77
61) 1,2,3-Trichloropropane	11.246	75	11686	1.435	ug/L #	67

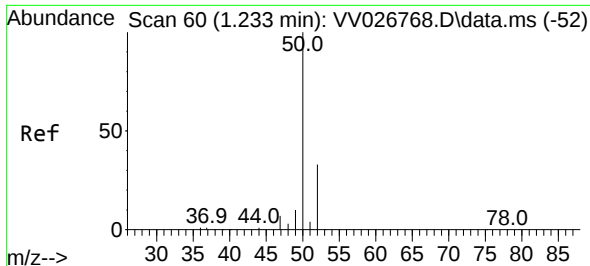
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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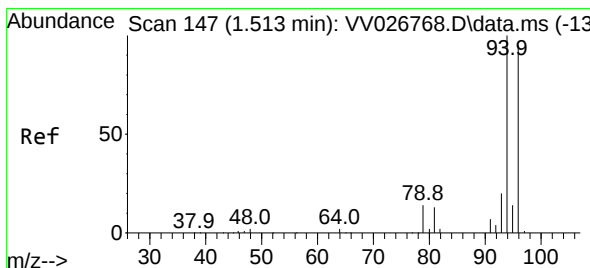
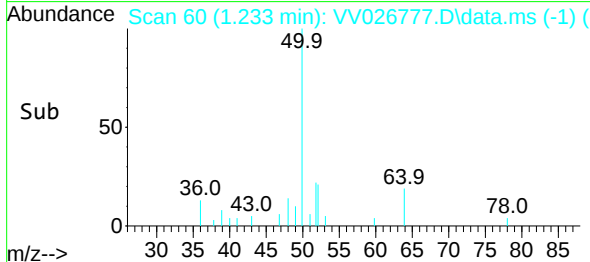
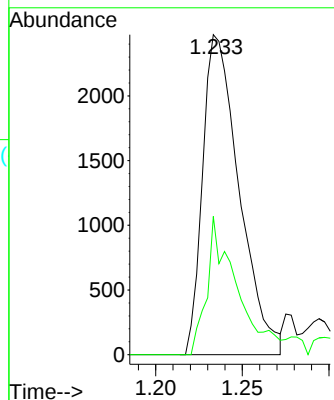
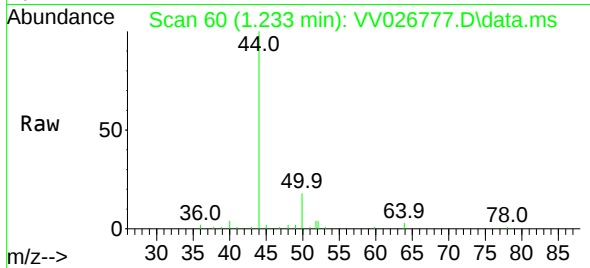




#3
Chloromethane
Concen: 0.135 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV026777.D
Acq: 14 Jul 2022 15:06

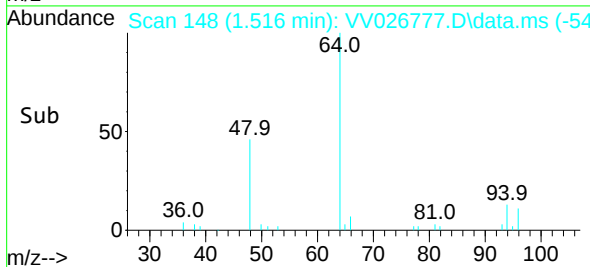
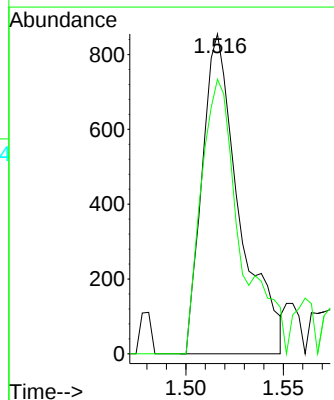
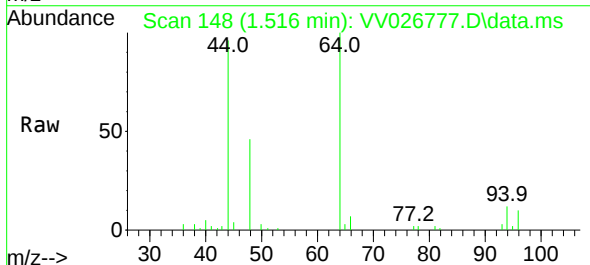
Instrument :
MSVOA_V
ClientSampleId :
C0AQ5

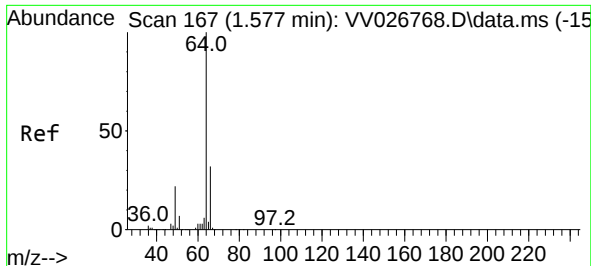
Tgt Ion: 50 Resp: 3633
Ion Ratio Lower Upper
50 100
52 43.2 22.8 42.4#



#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV026777.D
Acq: 14 Jul 2022 15:06

Tgt Ion: 94 Resp: 1135
Ion Ratio Lower Upper
94 100
96 85.8 67.1 124.7

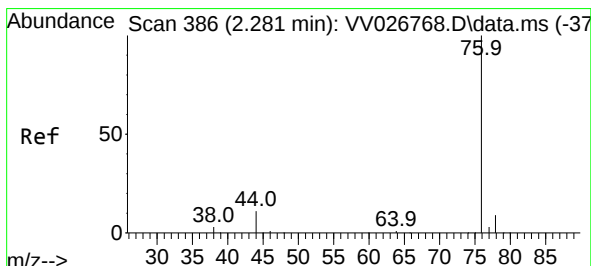
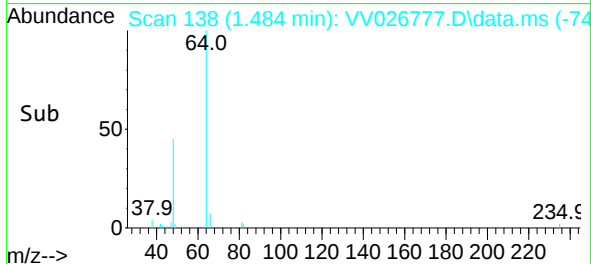
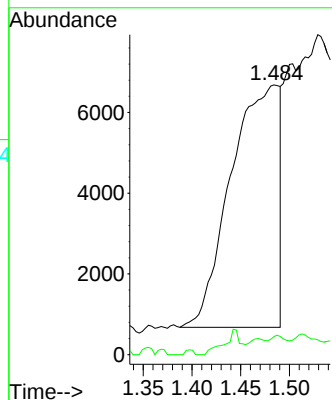
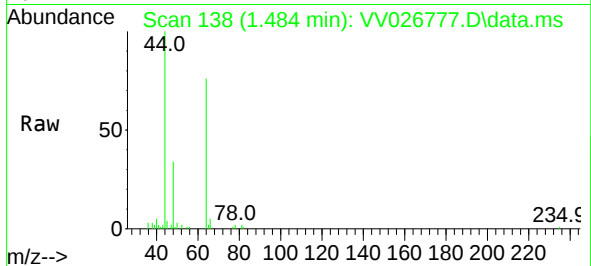




#8
Chloroethane
Concen: 1.289 ug/L
RT: 1.484 min Scan# 11
Delta R.T. -0.093 min
Lab File: VV026777.D
Acq: 14 Jul 2022 15:06

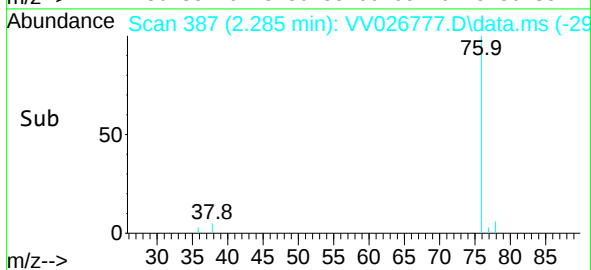
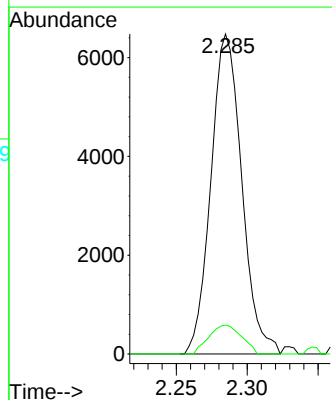
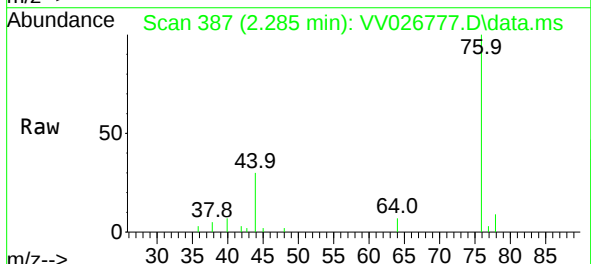
Instrument :
MSVOA_V
ClientSampleId :
C0AQ5

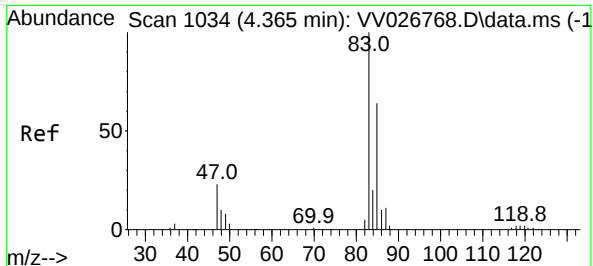
Tgt Ion: 64 Resp: 20770
Ion Ratio Lower Upper
64 100
66 6.7 23.9 44.5#



#14
Carbon disulfide
Concen: 0.172 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.003 min
Lab File: VV026777.D
Acq: 14 Jul 2022 15:06

Tgt Ion: 76 Resp: 9800
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5





#25

Chloroform

Concen: 0.077 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026777.D

Acq: 14 Jul 2022 15:06

Instrument :

MSVOA_V

ClientSampleId :

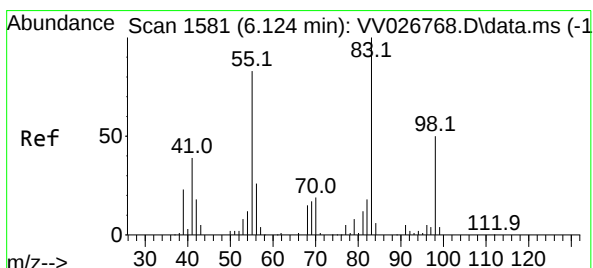
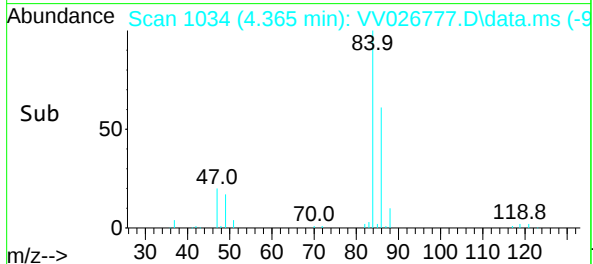
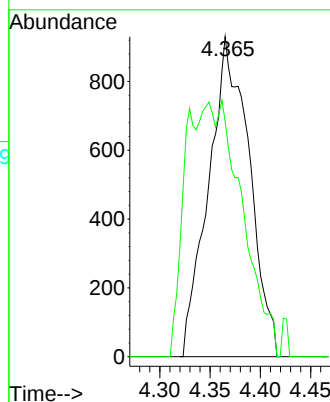
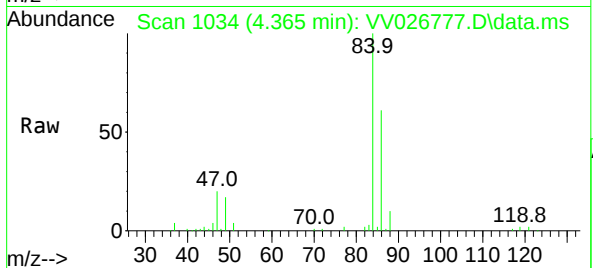
C0AQ5

Tgt Ion: 83 Resp: 2600

Ion Ratio Lower Upper

83 100

85 73.4 45.7 84.9



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV026777.D

Acq: 14 Jul 2022 15:06

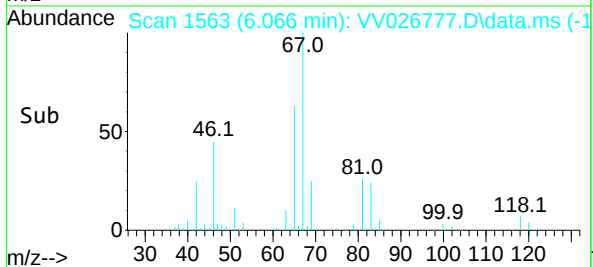
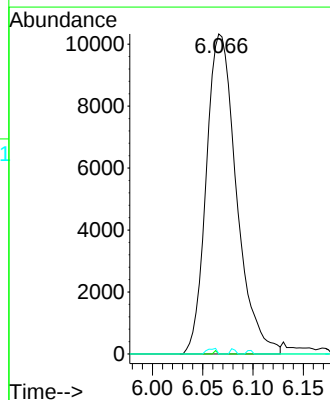
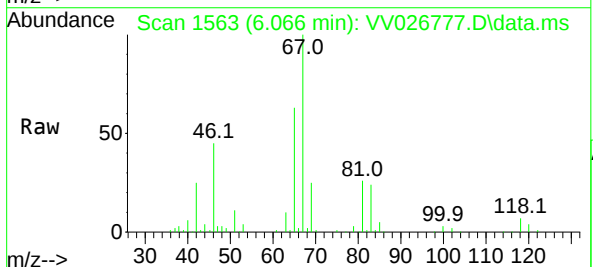
Tgt Ion: 83 Resp: 21579

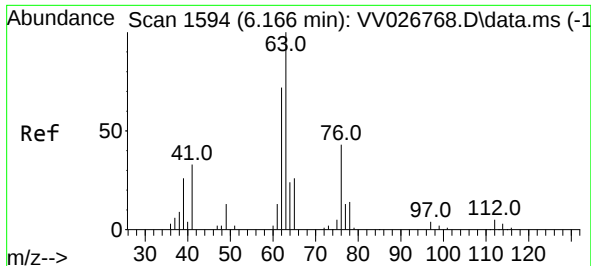
Ion Ratio Lower Upper

83 100

55 0.1 59.5 89.3#

98 0.5 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV026777.D

Acq: 14 Jul 2022 15:06

Instrument :

MSVOA_V

ClientSampleId :

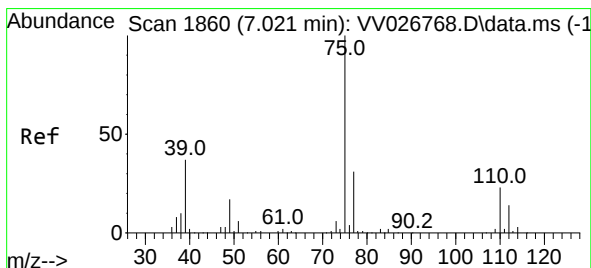
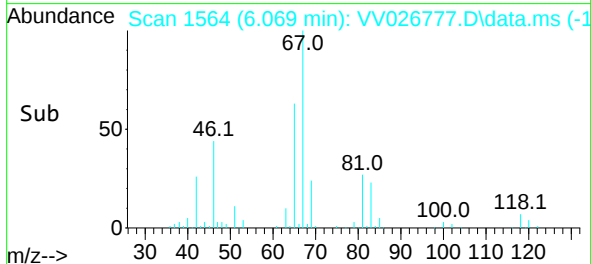
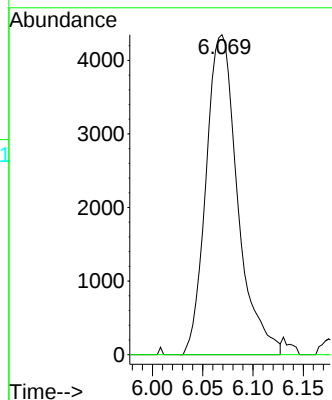
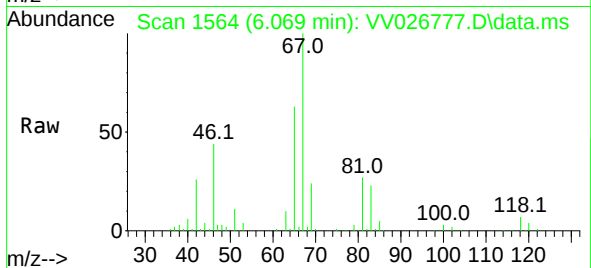
C0AQ5

Tgt Ion: 63 Resp: 9518

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV026777.D

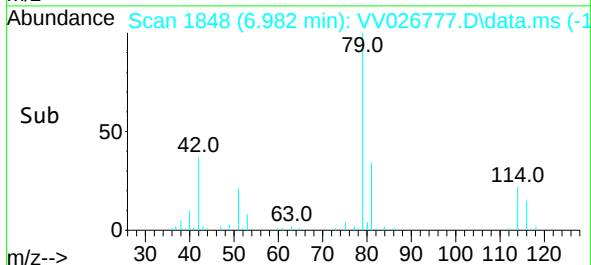
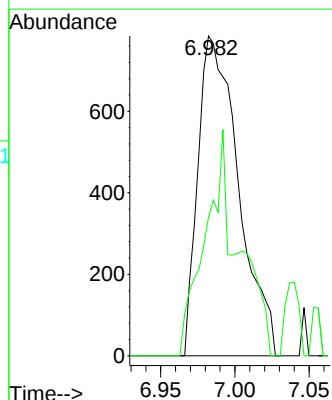
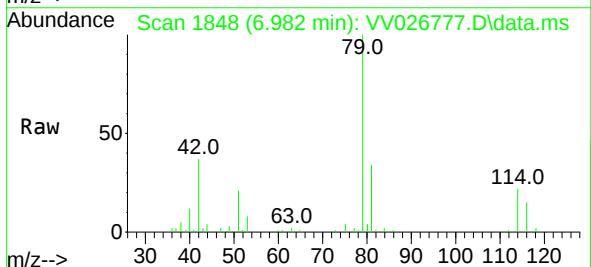
Acq: 14 Jul 2022 15:06

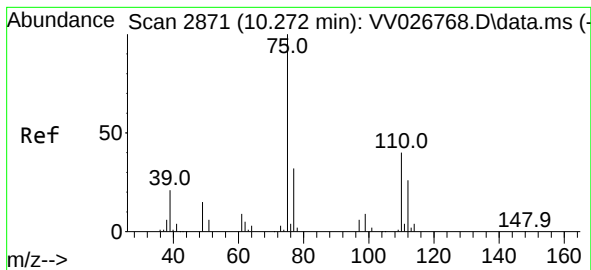
Tgt Ion: 75 Resp: 1491

Ion Ratio Lower Upper

75 100

77 43.3 21.4 39.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.435 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026777.D
 Acq: 14 Jul 2022 15:06

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Tgt Ion: 75 Resp: 11686
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 110 2.7 31.8 47.6#

