

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024439.D
 Acq On : 26 Jan 2022 15:14
 Operator : SY/MD
 Sample : N1275-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 03:50:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 01:56:16 2022
 Response via : Initial Calibration

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

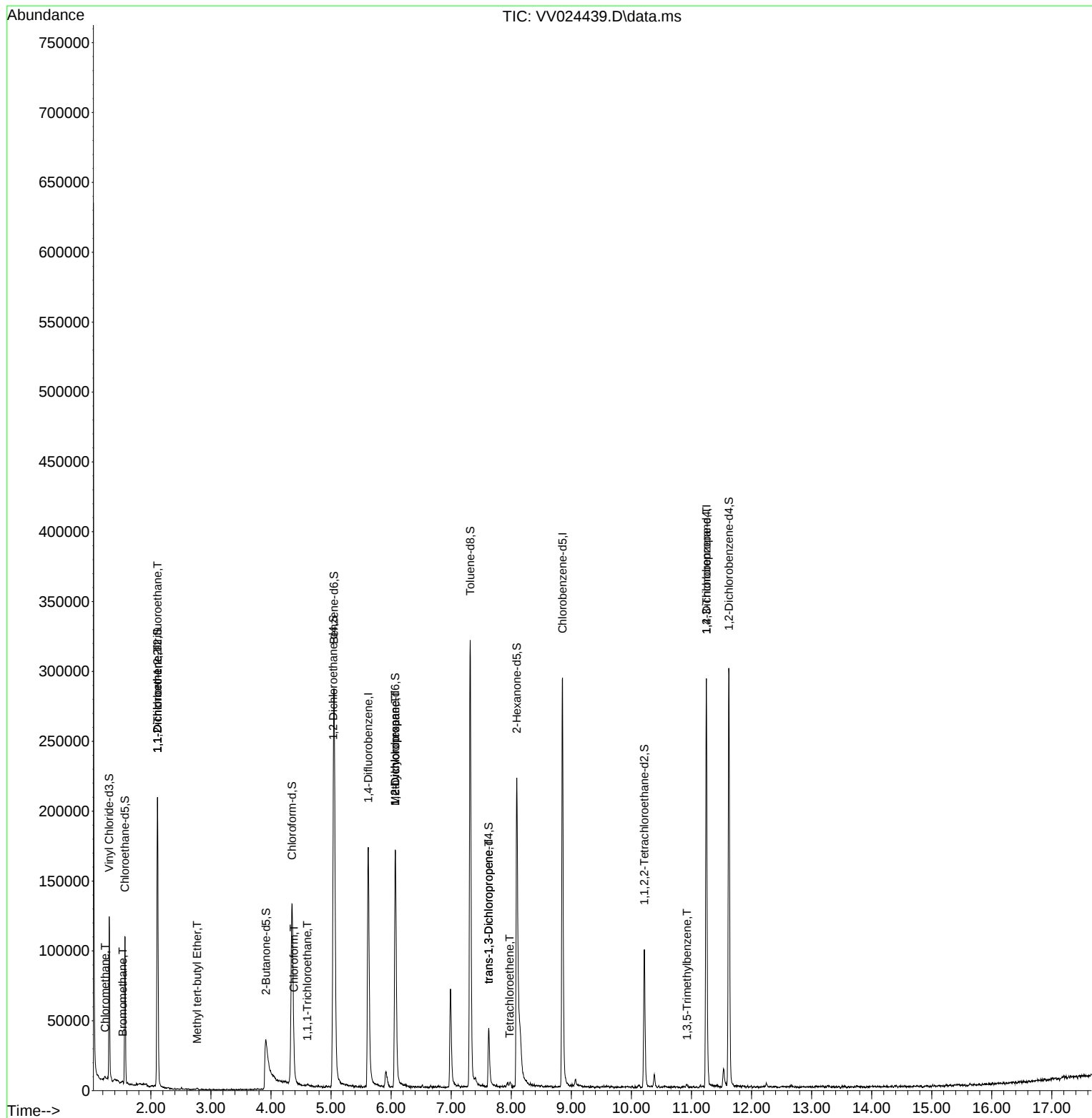
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	143800	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	157121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70759	5.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.400%
7) Chloroethane-d5	1.568	69	67836	6.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.400%
11) 1,1-Dichloroethene-d2	2.111	63	110972	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.915	46	93677	46.655	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.320%
24) Chloroform-d	4.352	84	136340	5.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
26) 1,2-Dichloroethane-d4	5.037	65	65500	6.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.000%
32) Benzene-d6	5.050	84	255027	5.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
36) 1,2-Dichloropropane-d6	6.069	67	85021	5.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.317	98	210461	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.625	79	25645	5.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.092	63	92492	53.310	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48698	5.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	74330	5.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	863	0.059	ug/L	98
6) Bromomethane	1.532	94	601	0.065	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1237	0.109	ug/L #	26
12) 1,1-Dichloroethene	2.111	96	1077	0.100	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	744	0.038	ug/L #	72
25) Chloroform	4.381	83	5360	0.244	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	736	0.040	ug/L #	50
35) Methylcyclohexane	6.069	83	19498	1.112	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	9256	0.896	ug/L #	84
44) trans-1,3-Dichloropropene	7.625	75	1332	0.115	ug/L	91
47) Tetrachloroethene	7.976	164	873	0.093	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	9608	2.110	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.927	105	991	0.034	ug/L	89

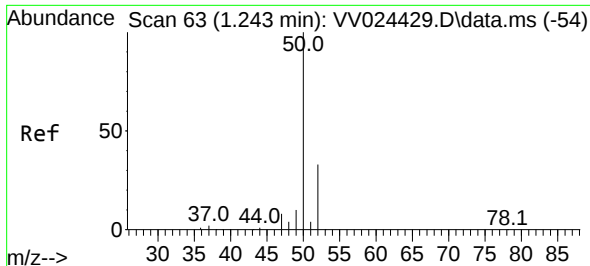
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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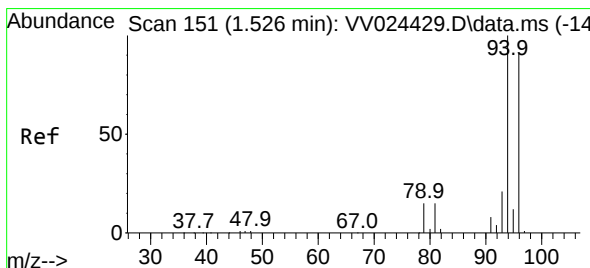
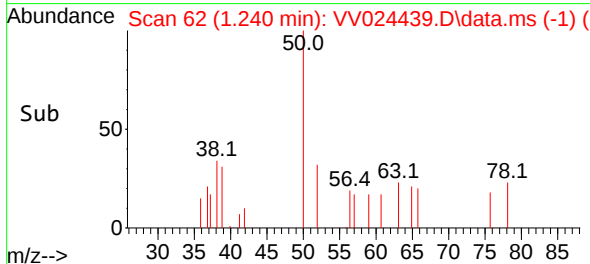
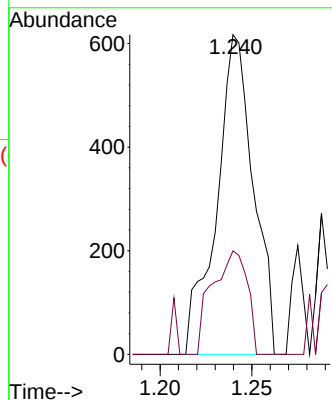
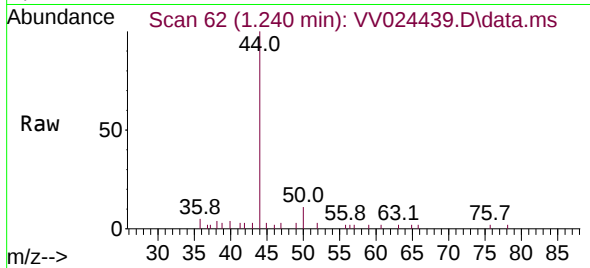




#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV024439.D
Acq: 26 Jan 2022 15:14

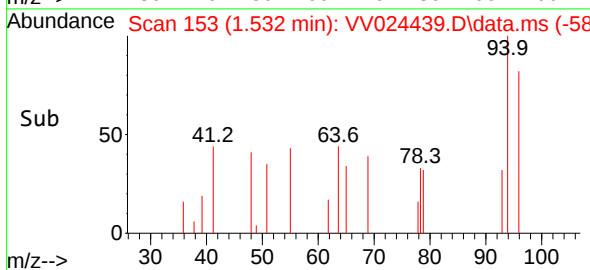
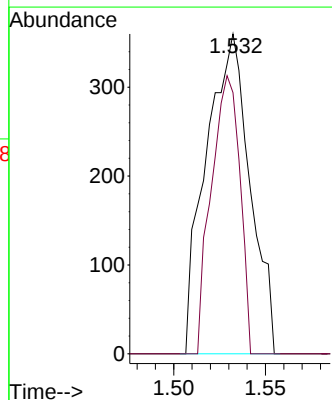
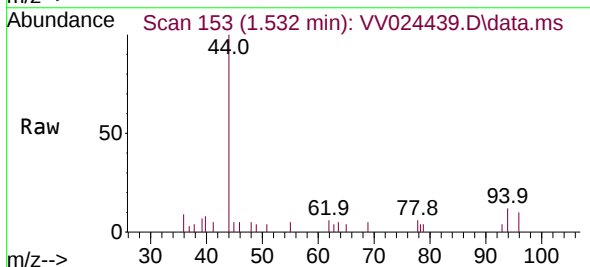
Instrument :
MSVOA_V
ClientSampleId :

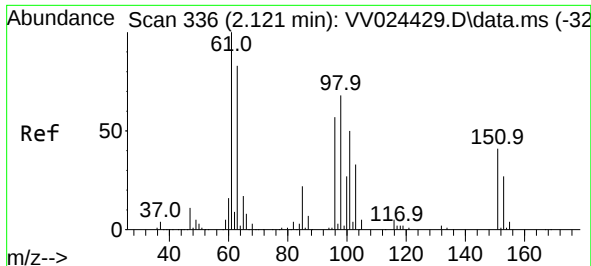
Tgt Ion: 50 Resp: 863
Ion Ratio Lower Upper
50 100
52 32.4 22.0 41.0



#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.006 min
Lab File: VV024439.D
Acq: 26 Jan 2022 15:14

Tgt Ion: 94 Resp: 601
Ion Ratio Lower Upper
94 100
96 81.7 66.2 123.0

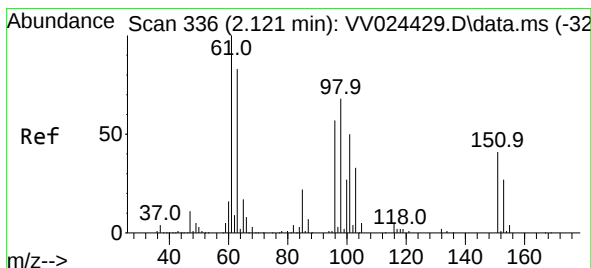
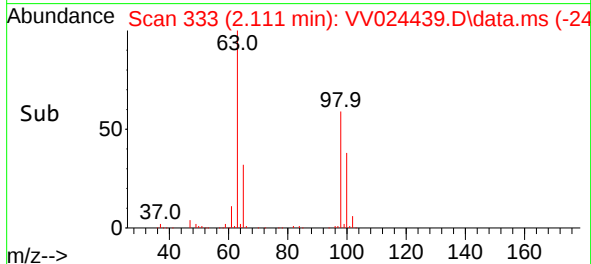
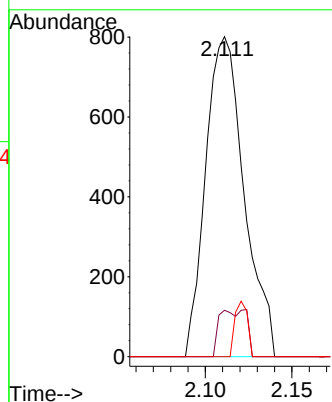
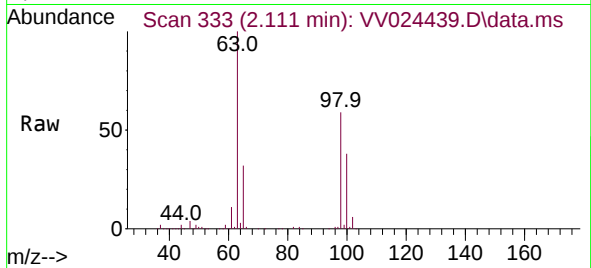




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.109 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV024439.D
Acq: 26 Jan 2022 15:14

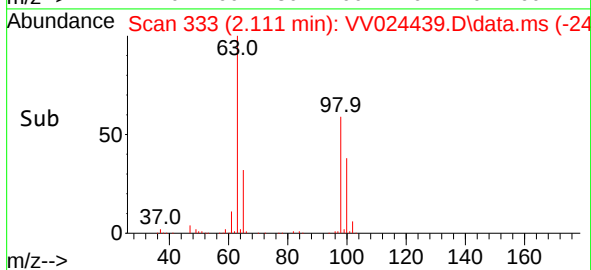
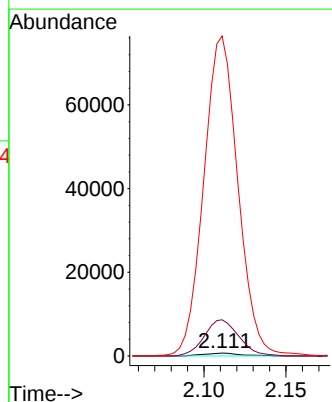
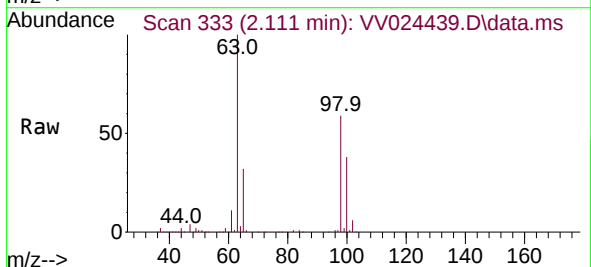
Instrument :
MSVOA_V
ClientSampleId :

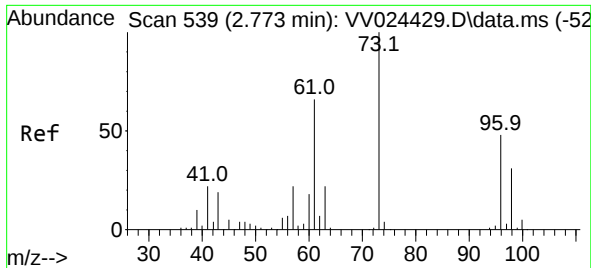
Tgt Ion:101 Resp: 1237
Ion Ratio Lower Upper
101 100
85 10.3 36.0 54.0#
151 5.7 66.4 99.6#



#12
1,1-Dichloroethene
Concen: 0.100 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV024439.D
Acq: 26 Jan 2022 15:14

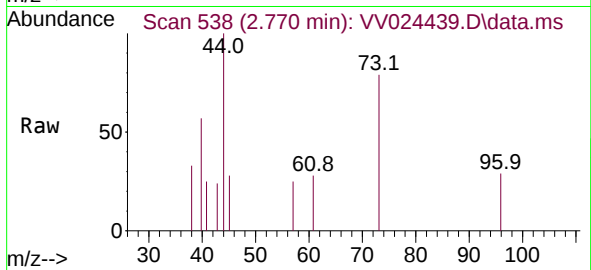
Tgt Ion: 96 Resp: 1077
Ion Ratio Lower Upper
96 100
61 1229.0 116.1 215.5#
63 10881.4 79.4 147.4#



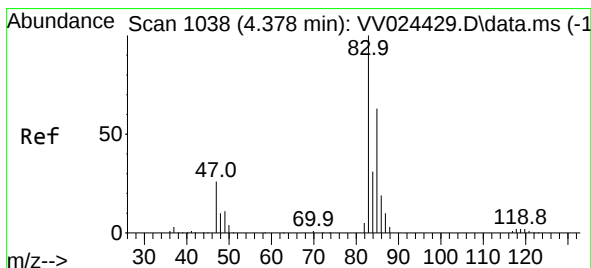
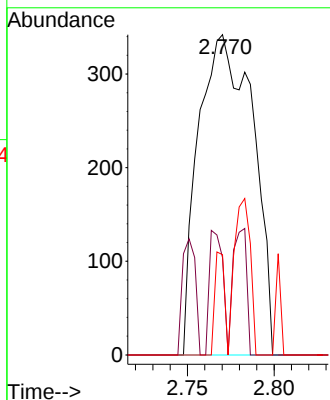
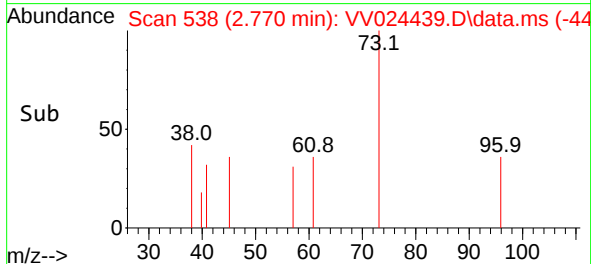


#17
Methyl tert-butyl Ether
Concen: 0.038 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024439.D
Acq: 26 Jan 2022 15:14

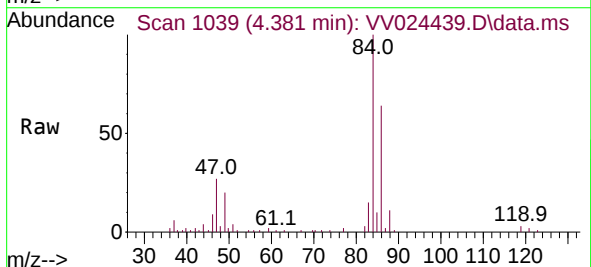
Instrument :
MSVOA_V
ClientSampleId :



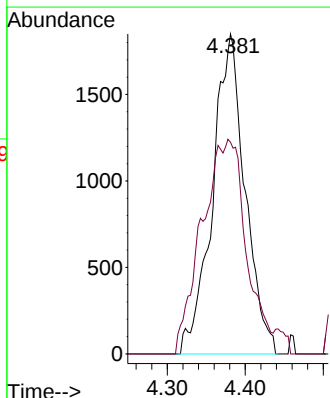
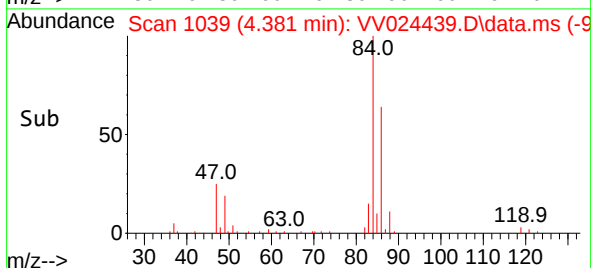
Tgt Ion: 73 Resp: 744
Ion Ratio Lower Upper
73 100
43 9.4 15.5 23.3#
57 5.6 17.1 25.7#

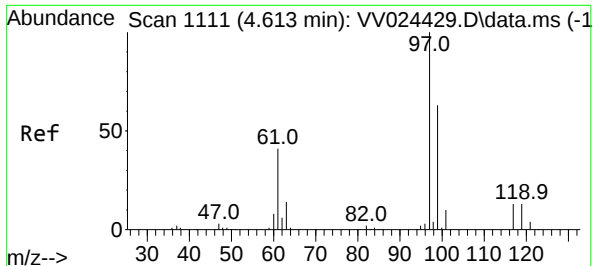


#25
Chloroform
Concen: 0.244 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV024439.D
Acq: 26 Jan 2022 15:14



Tgt Ion: 83 Resp: 5360
Ion Ratio Lower Upper
83 100
85 66.2 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.040 ug/L

RT: 4.603 min Scan# 1111

Delta R.T. -0.010 min

Lab File: VV024439.D

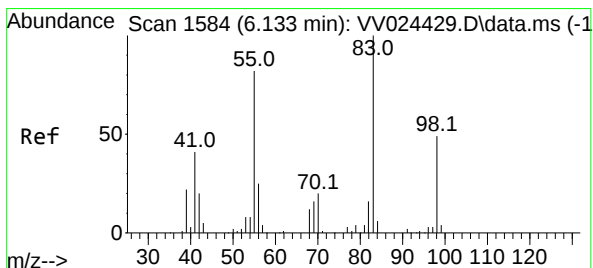
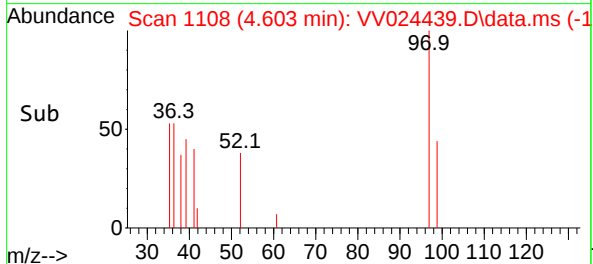
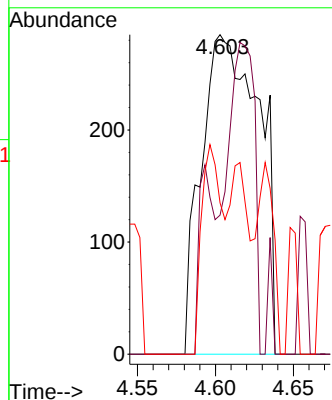
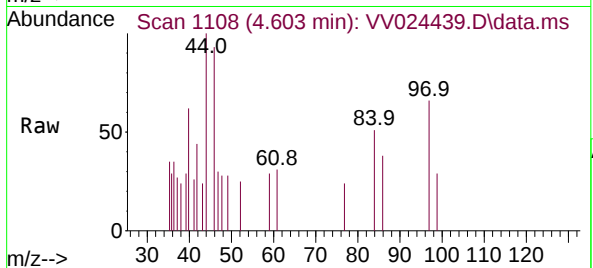
Acq: 26 Jan 2022 15:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 736
Ion Ratio	Lower Upper
97 100	
99 15.2	51.9 77.9#
61 23.1	33.2 49.8#



#35

Methylcyclohexane

Concen: 1.112 ug/L

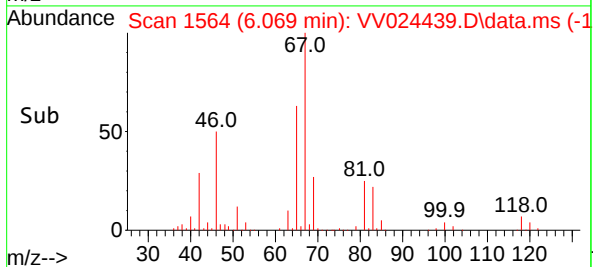
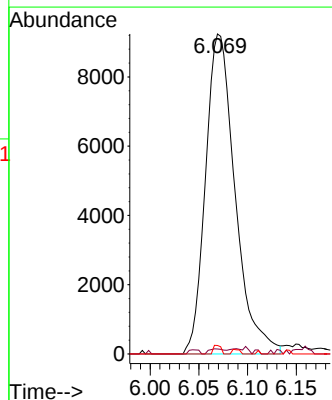
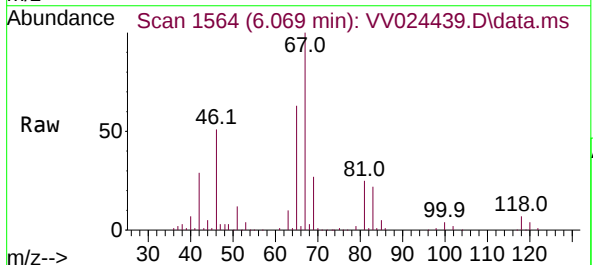
RT: 6.069 min Scan# 1564

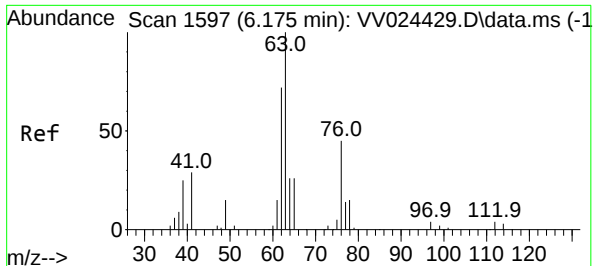
Delta R.T. -0.064 min

Lab File: VV024439.D

Acq: 26 Jan 2022 15:14

Tgt Ion: 83	Resp: 19498
Ion Ratio	Lower Upper
83 100	
55 0.9	60.2 90.2#
98 0.7	41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.896 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV024439.D

Acq: 26 Jan 2022 15:14

Instrument :

MSVOA_V

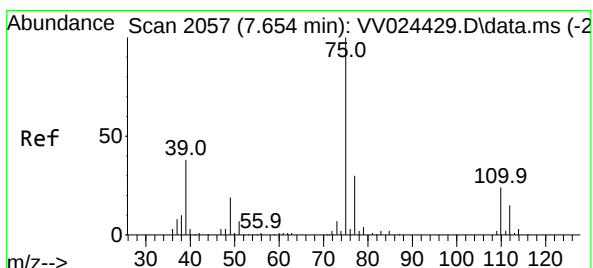
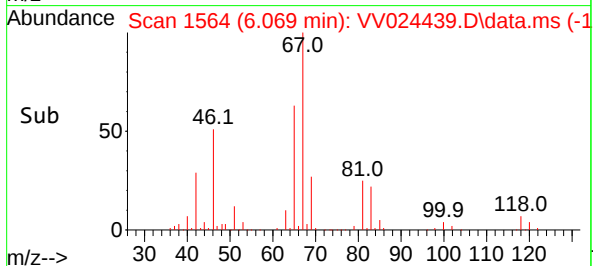
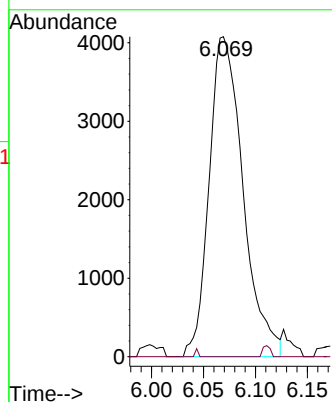
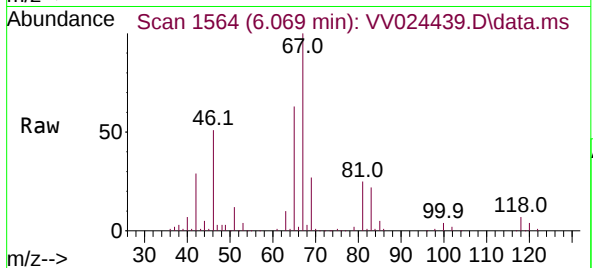
ClientSampleId :

Tgt Ion: 63 Resp: 9256

Ion Ratio Lower Upper

63 100

112 0.2 4.3 6.5#



#44

trans-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.029 min

Lab File: VV024439.D

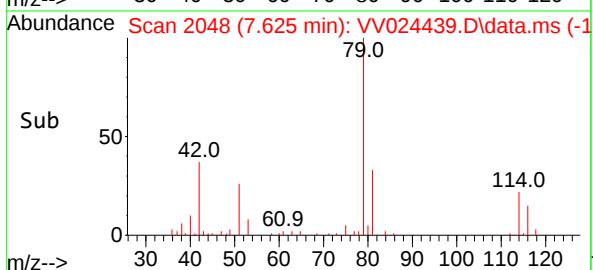
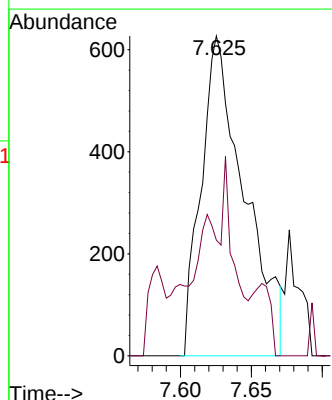
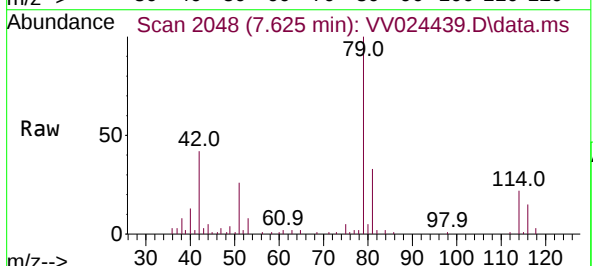
Acq: 26 Jan 2022 15:14

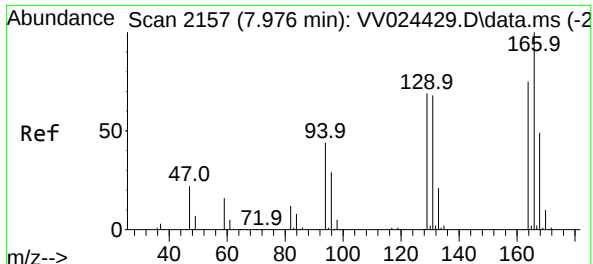
Tgt Ion: 75 Resp: 1332

Ion Ratio Lower Upper

75 100

77 36.2 21.8 40.4





#47

Tetrachloroethene

Concen: 0.093 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

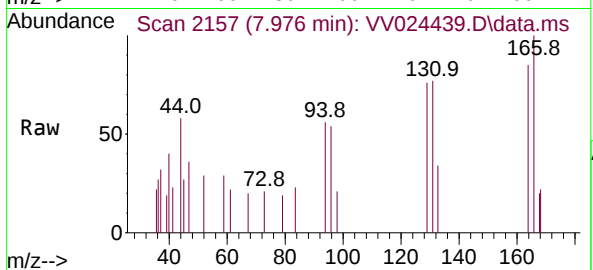
Lab File: VV024439.D

Acq: 26 Jan 2022 15:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 873

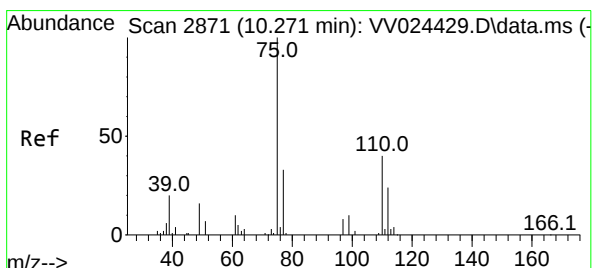
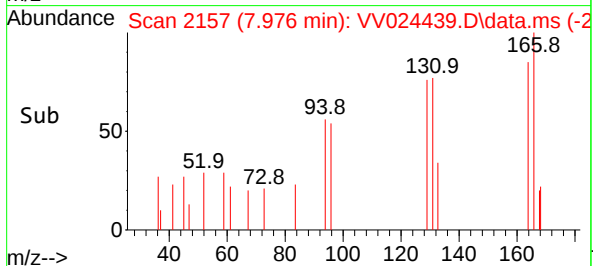
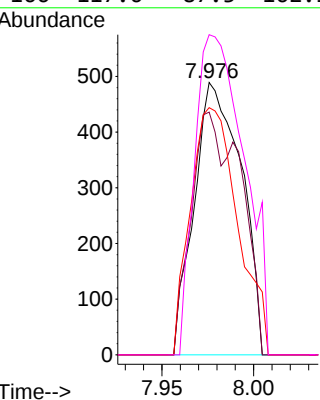
Ion Ratio Lower Upper

164 100

129 89.2 62.6 116.2

131 90.8 61.0 113.4

166 117.6 87.3 162.1



#61

1,2,3-Trichloropropane

Concen: 2.110 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV024439.D

Acq: 26 Jan 2022 15:14

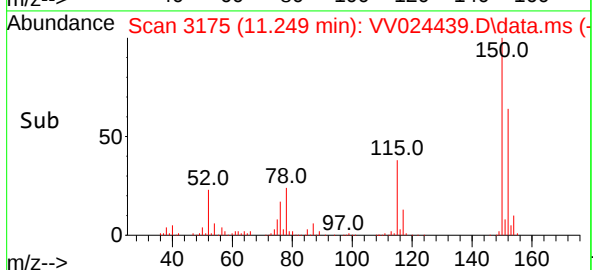
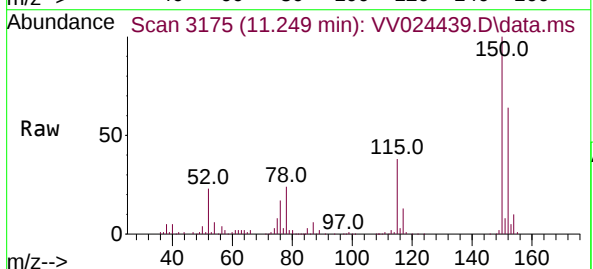
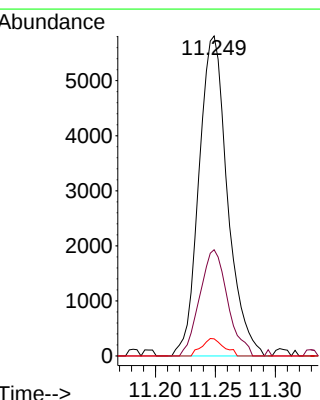
Tgt Ion: 75 Resp: 9608

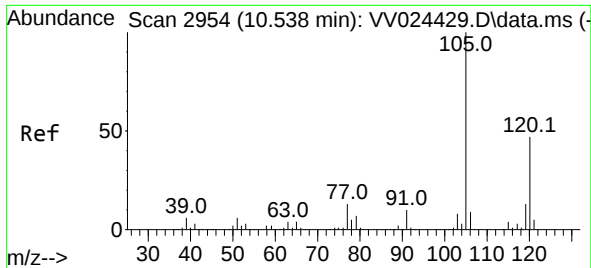
Ion Ratio Lower Upper

75 100

77 32.5 26.4 39.6

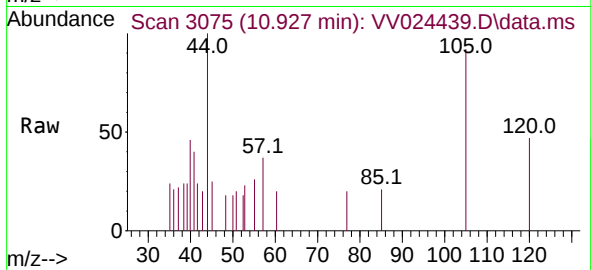
110 4.2 34.2 51.2#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.034 ug/L
 RT: 10.927 min Scan# 30
 Delta R.T. 0.389 min
 Lab File: VV024439.D
 Acq: 26 Jan 2022 15:14

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 991
 Ion Ratio Lower Upper
 105 100
 120 42.8 40.1 60.1

