

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026489.D
 Acq On : 21 Jun 2022 15:28
 Operator : SY/MD
 Sample : N3355-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:43:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

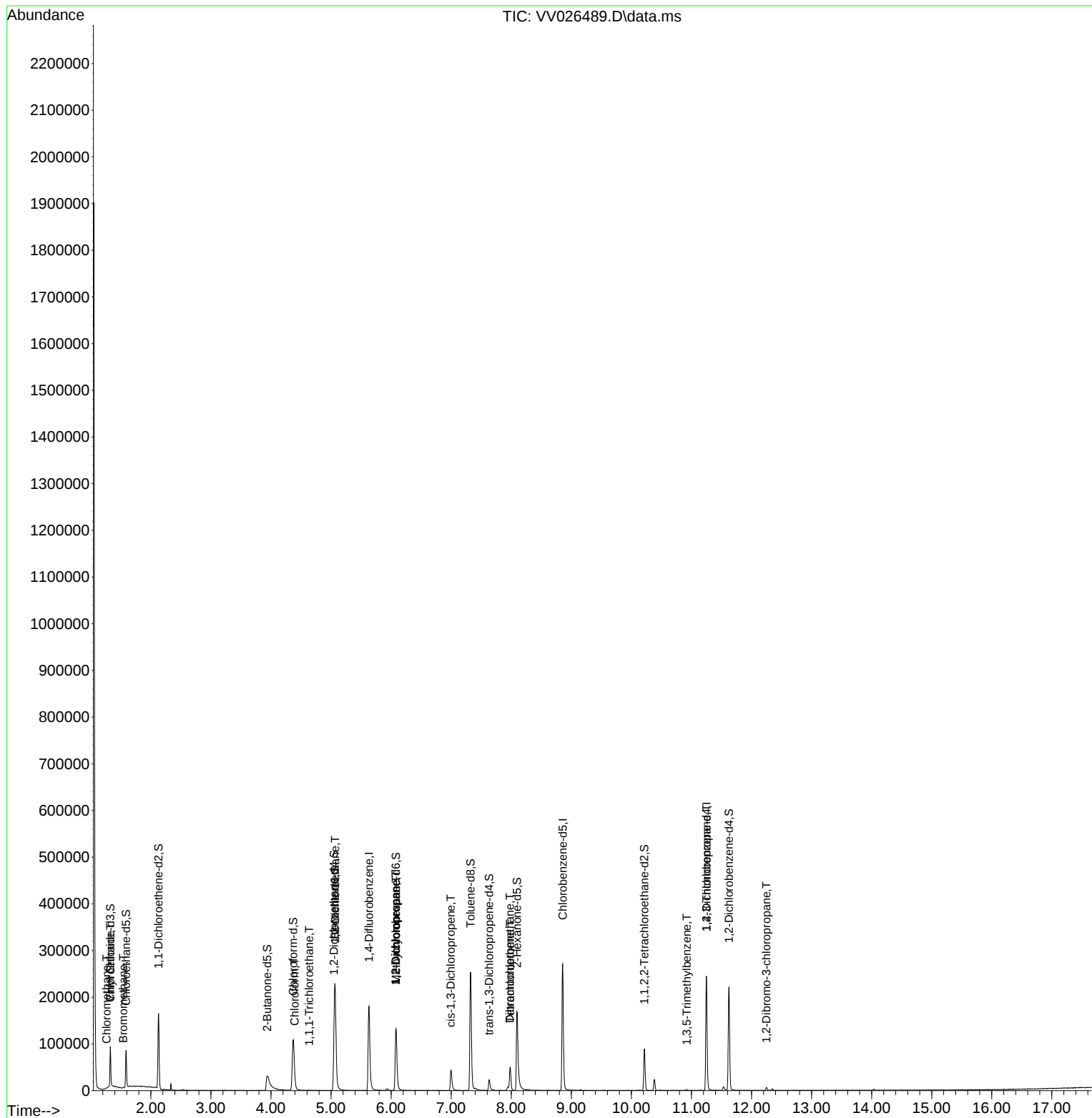
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.632	114	166947	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	160045	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.326	65	56180	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.587	69	50774	4.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.127	63	85513	3.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.937	46	72643	51.341	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.680%
24) Chloroform-d	4.371	84	117706	5.538	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	5.050	65	48847	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.066	84	219783	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.082	67	67872	5.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.323	98	179531	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.632	79	14836	3.664	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.095	63	61138	49.981	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44049	5.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60758	5.967	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.262	50	905	0.065	ug/L	86
6) Bromomethane	1.542	94	521	0.065	ug/L	88
8) Chloroethane	1.326	64	1899	0.212	ug/L	95
25) Chloroform	4.394	83	2043	0.097	ug/L #	74
27) 1,2-Dichloroethane	5.069	62	1173	0.122	ug/L #	71
29) 1,1,1-Trichloroethane	4.635	97	411	0.023	ug/L #	51
35) Methylcyclohexane	6.082	83	16050	1.036	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7313	0.681	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	950	0.078	ug/L #	66
47) Tetrachloroethene	7.982	164	11871	1.431	ug/L	95
49) Dibromochloromethane	7.979	129	10438	1.338	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8007	1.867	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.921	105	1171	0.042	ug/L	86
68) 1,2-Dibromo-3-chloropr...	12.246	75	173	0.228	ug/L #	3

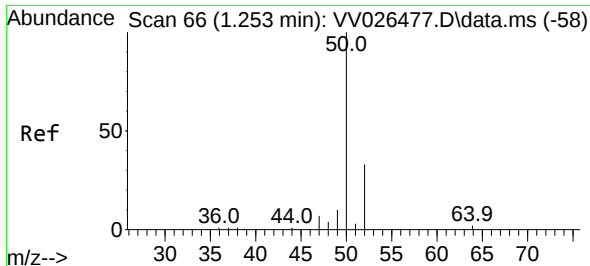
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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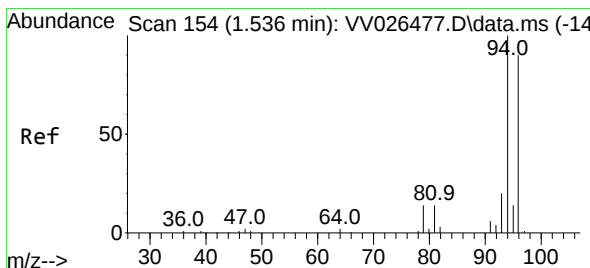
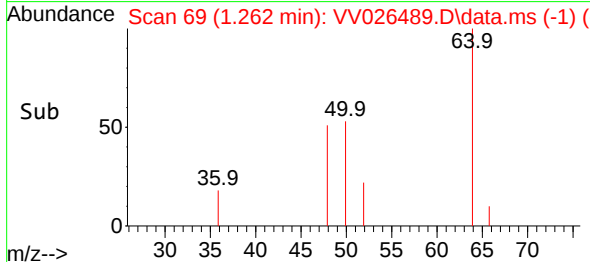
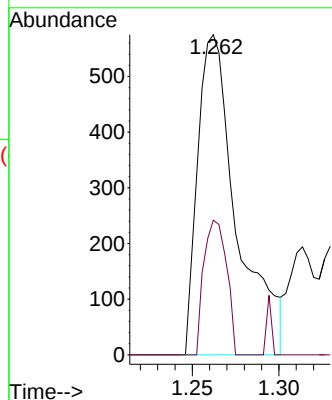
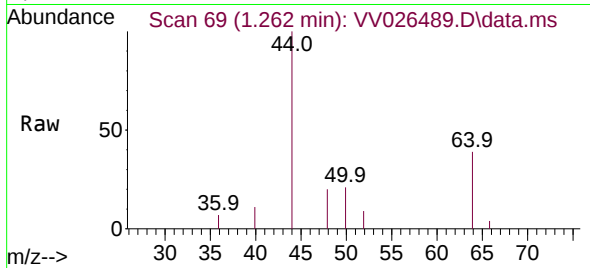




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.262 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV026489.D
Acq: 21 Jun 2022 15:28

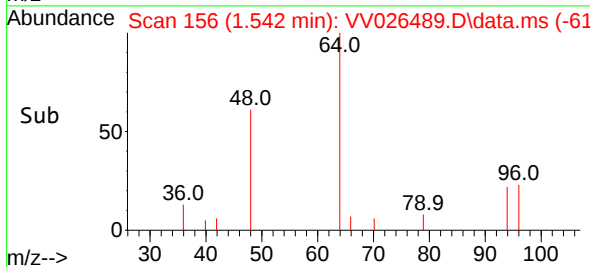
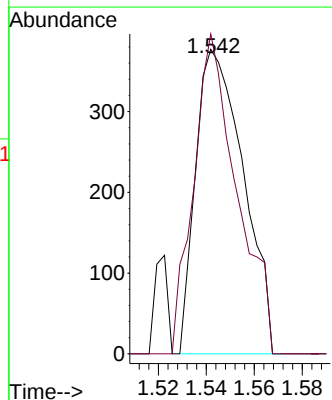
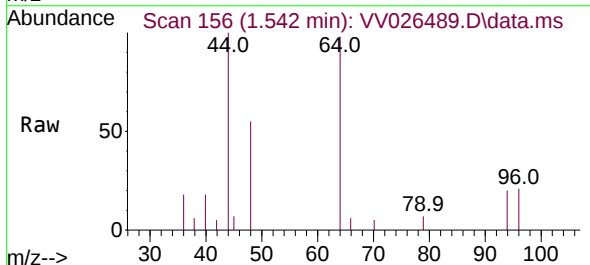
Instrument :
MSVOA_V
ClientSampleId :

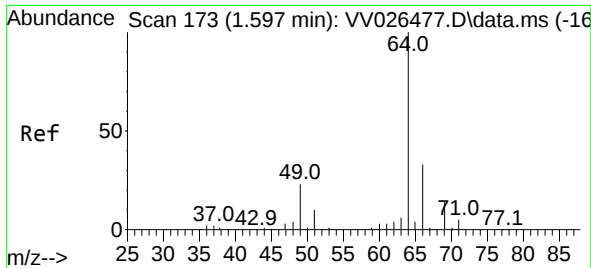
Tgt Ion: 50 Resp: 905
Ion Ratio Lower Upper
50 100
52 42.1 23.7 44.1



#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026489.D
Acq: 21 Jun 2022 15:28

Tgt Ion: 94 Resp: 521
Ion Ratio Lower Upper
94 100
96 105.0 65.7 121.9

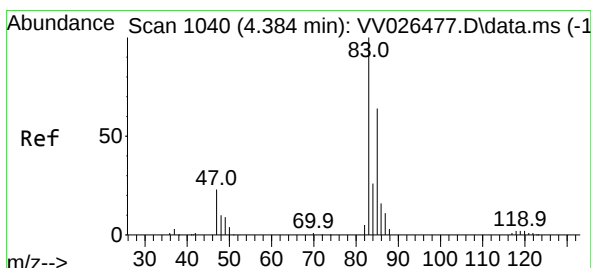
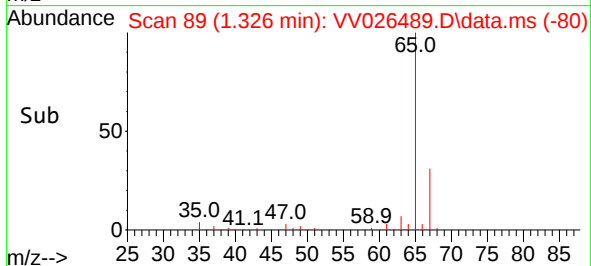
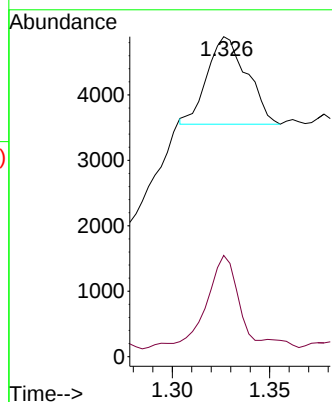
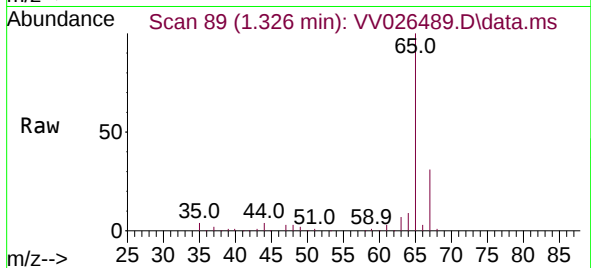




#8
Chloroethane
Concen: 0.212 ug/L
RT: 1.326 min Scan# 89
Delta R.T. -0.270 min
Lab File: VV026489.D
Acq: 21 Jun 2022 15:28

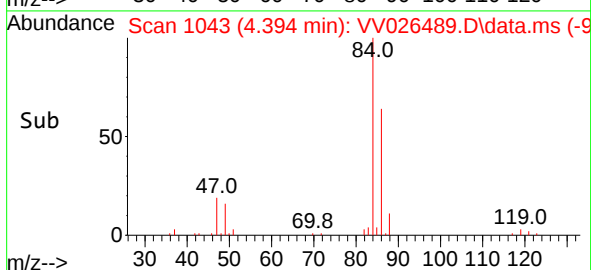
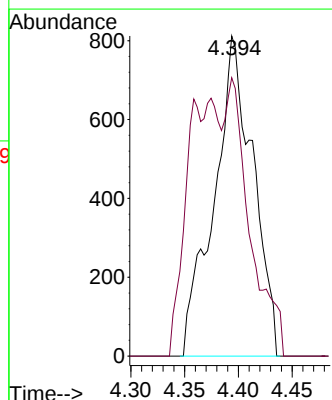
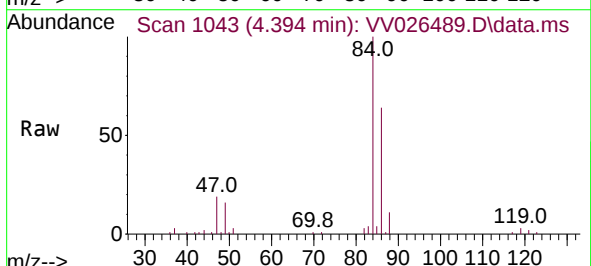
Instrument :
MSVOA_V
ClientSampleId :

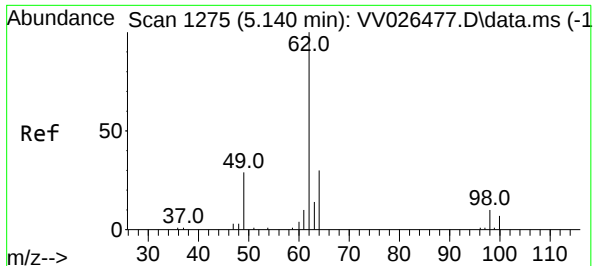
Tgt Ion: 64 Resp: 1899
Ion Ratio Lower Upper
64 100
66 31.7 24.1 44.7



#25
Chloroform
Concen: 0.097 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.010 min
Lab File: VV026489.D
Acq: 21 Jun 2022 15:28

Tgt Ion: 83 Resp: 2043
Ion Ratio Lower Upper
83 100
85 86.9 46.5 86.3#





#27

1,2-Dichloroethane

Concen: 0.122 ug/L

RT: 5.069 min Scan# 1173

Delta R.T. -0.071 min

Lab File: VV026489.D

Acq: 21 Jun 2022 15:28

Instrument :

MSVOA_V

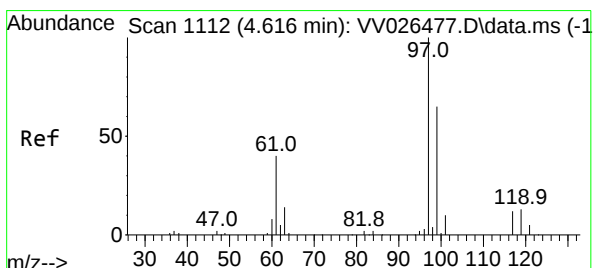
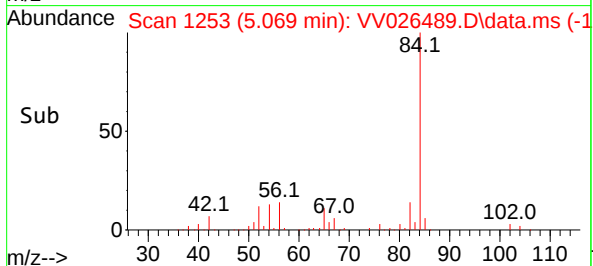
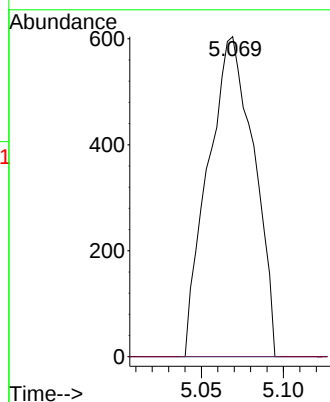
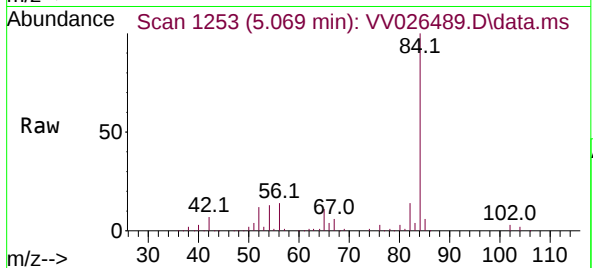
ClientSampleId :

Tgt Ion: 62 Resp: 1173

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#29

1,1,1-Trichloroethane

Concen: 0.023 ug/L

RT: 4.635 min Scan# 1118

Delta R.T. 0.019 min

Lab File: VV026489.D

Acq: 21 Jun 2022 15:28

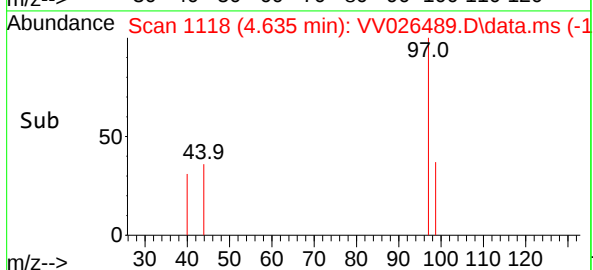
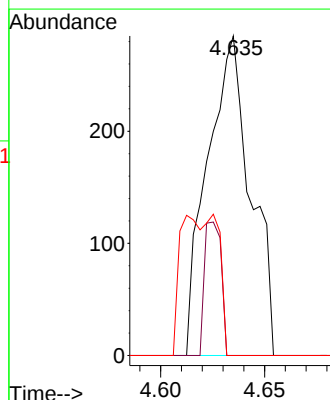
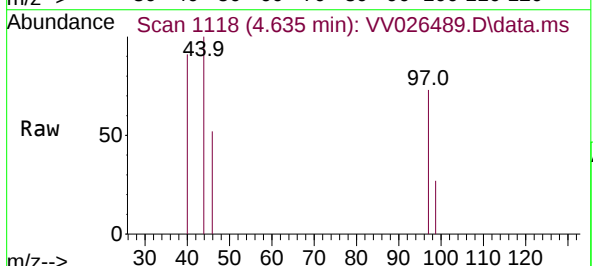
Tgt Ion: 97 Resp: 411

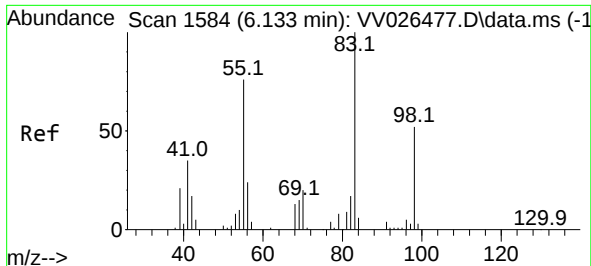
Ion Ratio Lower Upper

97 100

99 16.1 50.3 75.5#

61 22.1 33.4 50.0#

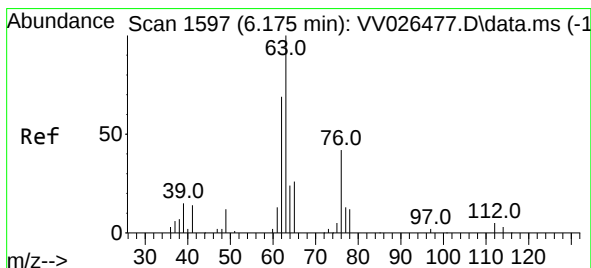
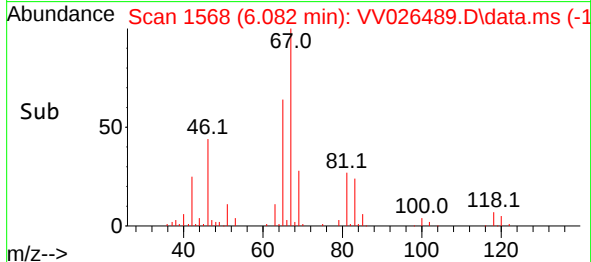
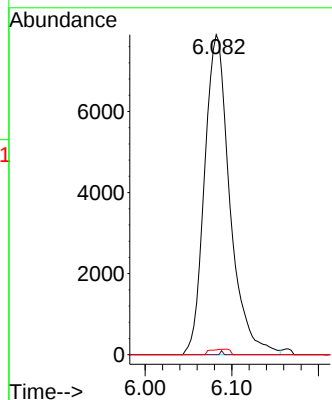
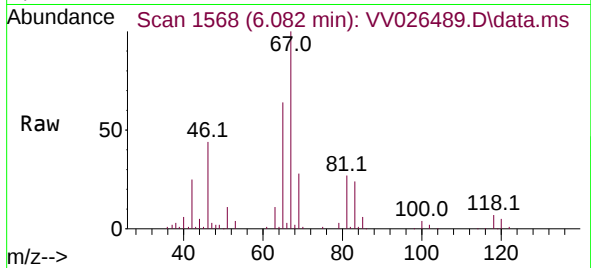




#35
Methylcyclohexane
Concen: 1.036 ug/L
RT: 6.082 min Scan# 11
Delta R.T. -0.052 min
Lab File: VV026489.D
Acq: 21 Jun 2022 15:28

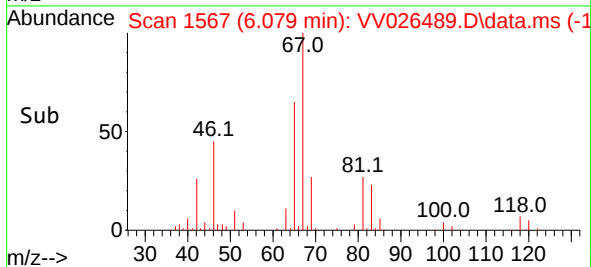
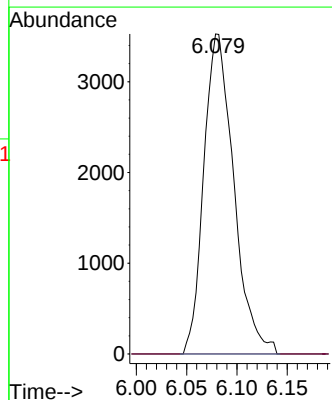
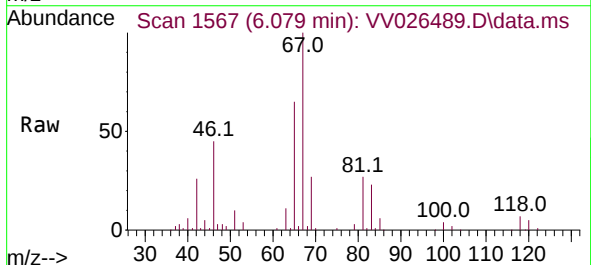
Instrument :
MSVOA_V
ClientSampleId :

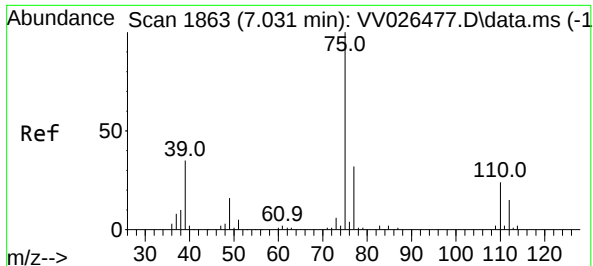
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.3	88.9#
98	1.3	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.097 min
Lab File: VV026489.D
Acq: 21 Jun 2022 15:28

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026489.D

Acq: 21 Jun 2022 15:28

Instrument :

MSVOA_V

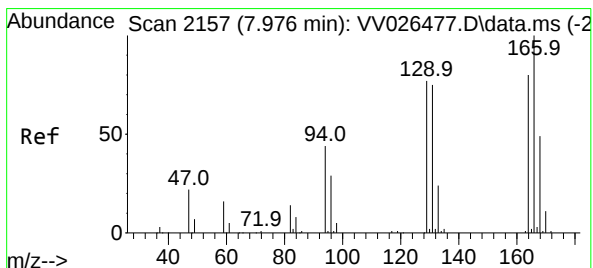
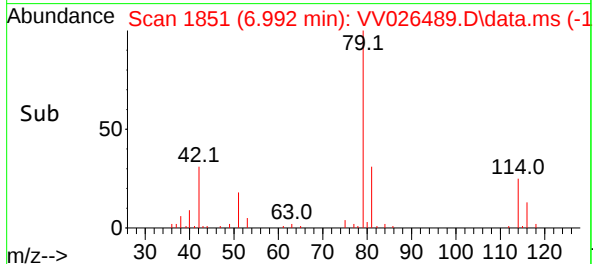
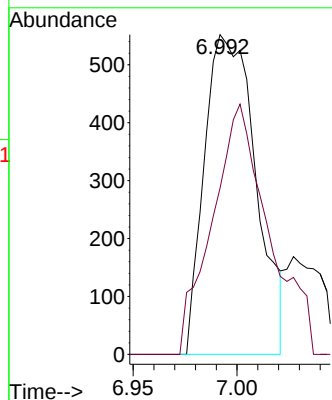
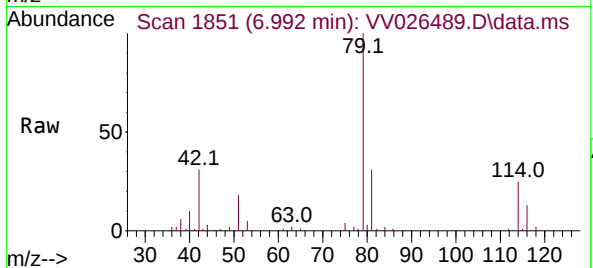
ClientSampleId :

Tgt Ion: 75 Resp: 950

Ion Ratio Lower Upper

75 100

77 52.0 23.0 42.6#



#47

Tetrachloroethene

Concen: 1.431 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026489.D

Acq: 21 Jun 2022 15:28

Tgt Ion: 164 Resp: 11871

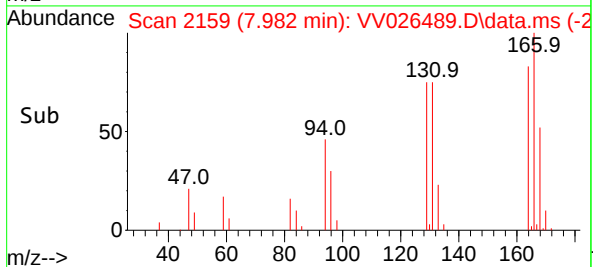
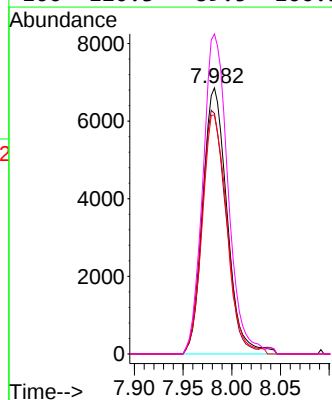
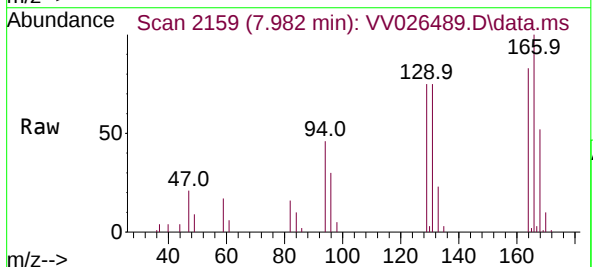
Ion Ratio Lower Upper

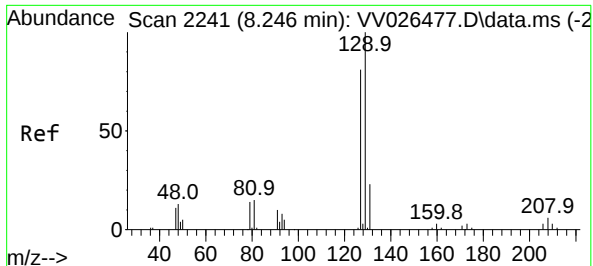
164 100

129 90.4 67.5 125.3

131 89.8 63.8 118.4

166 120.3 89.5 166.3





#49

Dibromochloromethane

Concen: 1.338 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026489.D

Acq: 21 Jun 2022 15:28

Instrument :

MSVOA_V

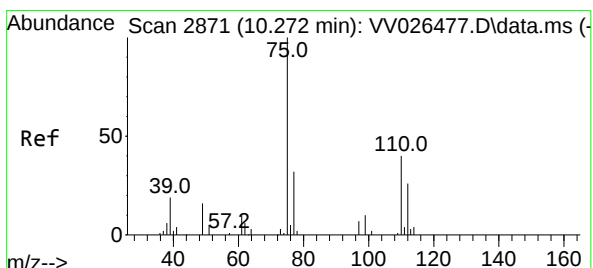
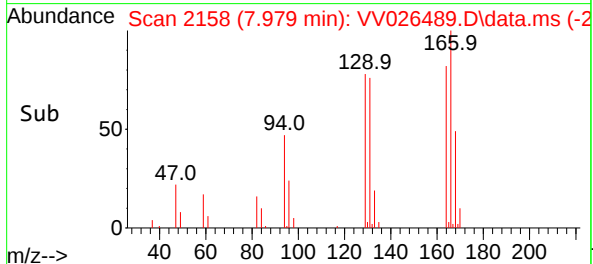
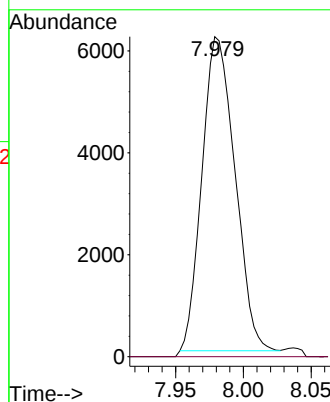
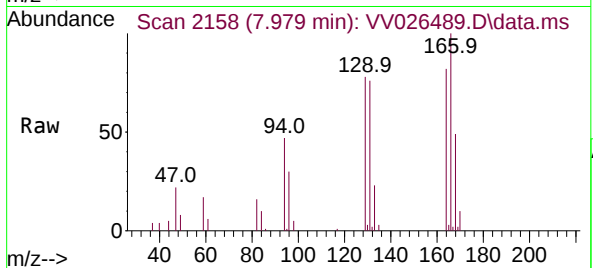
ClientSampleId :

Tgt Ion:129 Resp: 10438

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.867 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026489.D

Acq: 21 Jun 2022 15:28

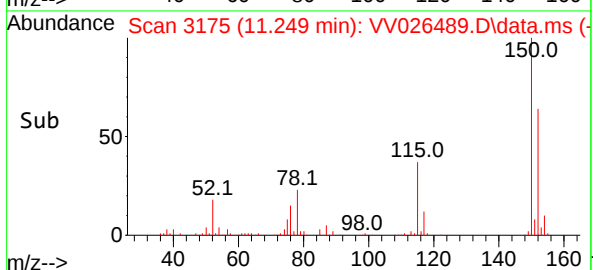
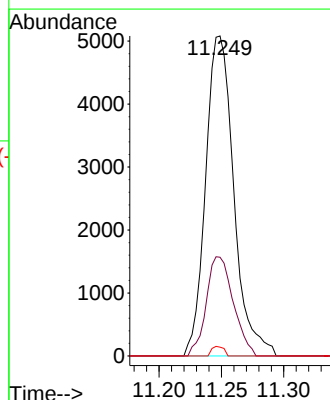
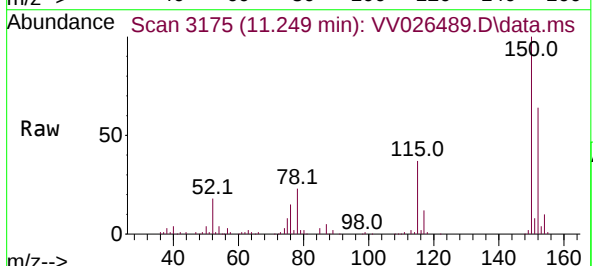
Tgt Ion: 75 Resp: 8007

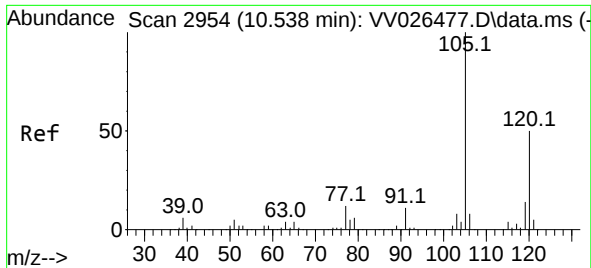
Ion Ratio Lower Upper

75 100

77 29.7 26.9 40.3

110 1.3 30.7 46.1#

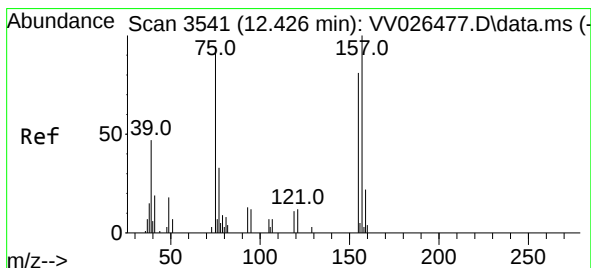
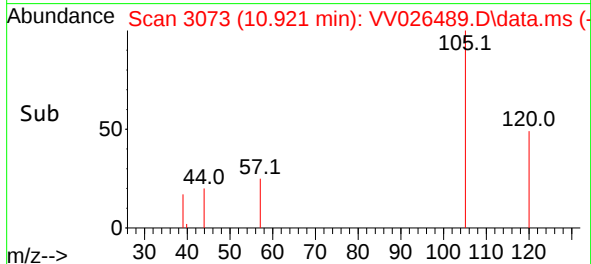
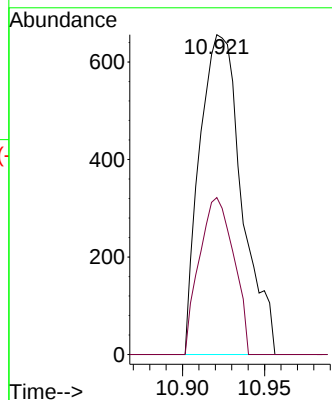
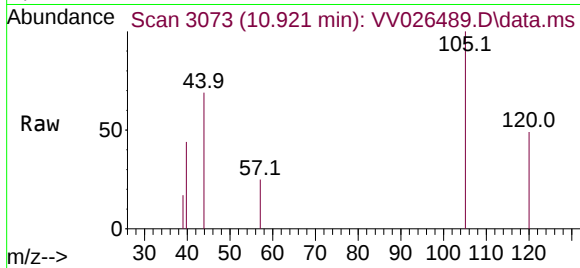




#62
 1,3,5-Trimethylbenzene
 Concen: 0.042 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.382 min
 Lab File: VV026489.D
 Acq: 21 Jun 2022 15:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 1171
 Ion Ratio Lower Upper
 105 100
 120 40.0 39.9 59.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.228 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV026489.D
 Acq: 21 Jun 2022 15:28

Tgt Ion: 75 Resp: 173
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

