

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026492.D
 Acq On : 21 Jun 2022 16:38
 Operator : SY/MD
 Sample : N3355-14DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:44:05 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)

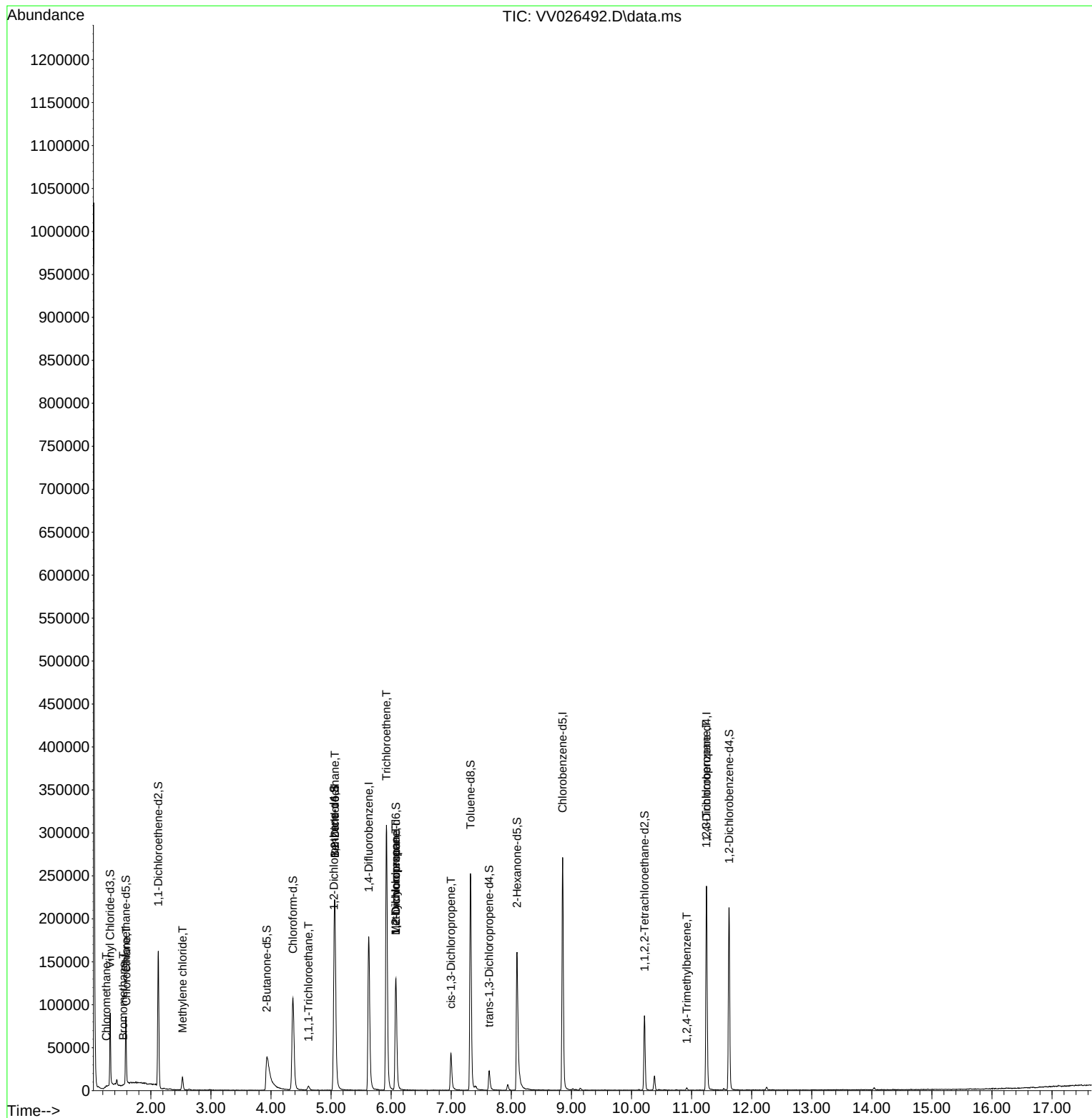
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	164683	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	156869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	54803	3.831	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.600%	
7) Chloroethane-d5	1.584	69	51208	4.553	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.124	63	82119	3.343	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.800%	
20) 2-Butanone-d5	3.931	46	75242	53.909	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.820%	
24) Chloroform-d	4.365	84	116694	5.566	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
26) 1,2-Dichloroethane-d4	5.047	65	45798	5.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.063	84	215808	5.146	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
36) 1,2-Dichloropropane-d6	6.079	67	68014	5.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.200%	
41) Toluene-d8	7.320	98	174547	4.564	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.629	79	14780	3.724	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.095	63	57705	48.129	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42803	5.677	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55818	5.571	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1168	0.085	ug/L	100
6) Bromomethane	1.542	94	361	0.045	ug/L #	33
8) Chloroethane	1.593	64	680	0.077	ug/L #	53
16) Methylene chloride	2.526	84	6240	0.470	ug/L	96
27) 1,2-Dichloroethane	5.063	62	1183	0.125	ug/L #	71
29) 1,1,1-Trichloroethane	4.622	97	3731	0.215	ug/L	98
34) Trichloroethene	5.921	95	112113	10.211	ug/L	97
35) Methylcyclohexane	6.076	83	16463	1.084	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7452	0.708	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1105	0.092	ug/L #	60
61) 1,2,3-Trichloropropane	11.246	75	6880	1.630	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.921	105	1852	0.068	ug/L	96

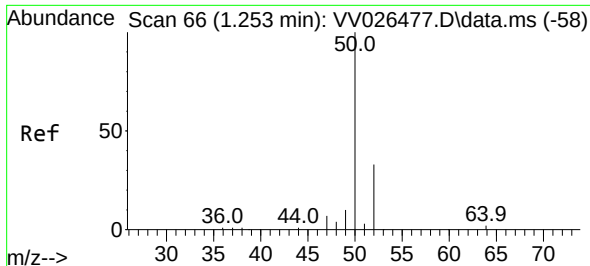
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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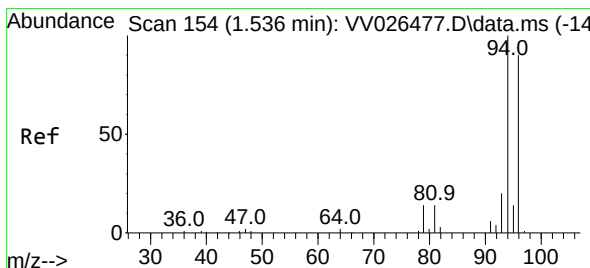
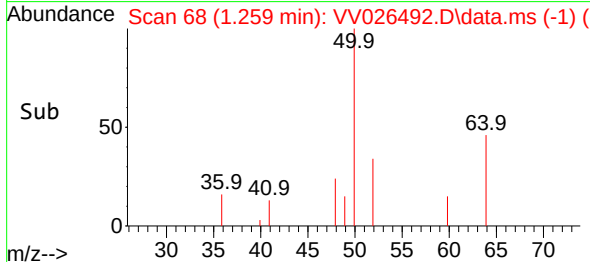
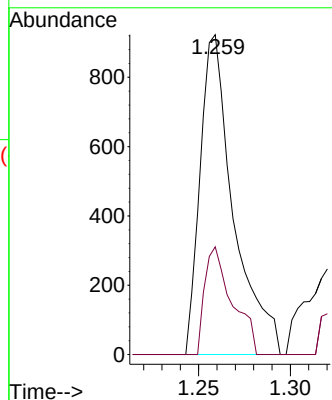
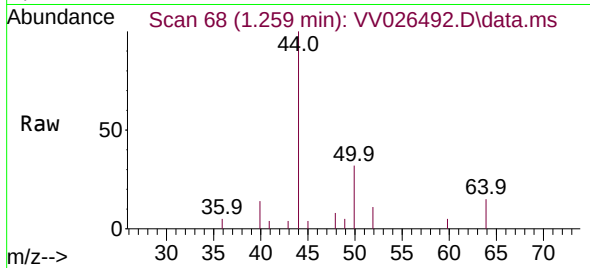




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026492.D
Acq: 21 Jun 2022 16:38

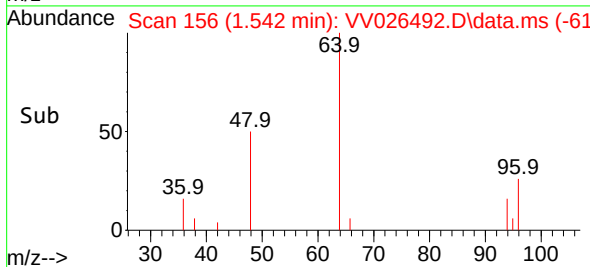
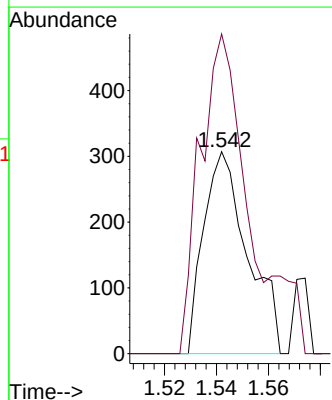
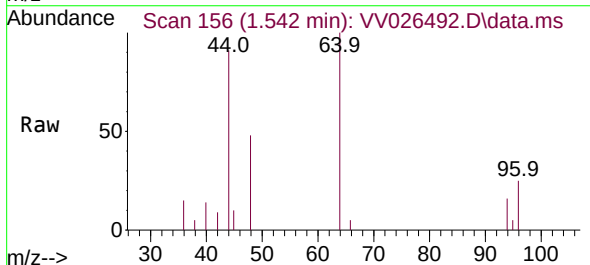
Instrument :
MSVOA_V
ClientSampleId :

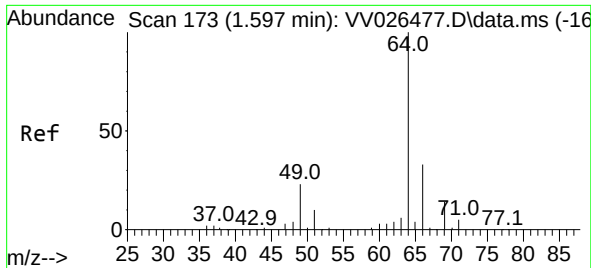
Tgt Ion: 50 Resp: 1168
Ion Ratio Lower Upper
50 100
52 33.7 23.7 44.1



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026492.D
Acq: 21 Jun 2022 16:38

Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 158.3 65.7 121.9#

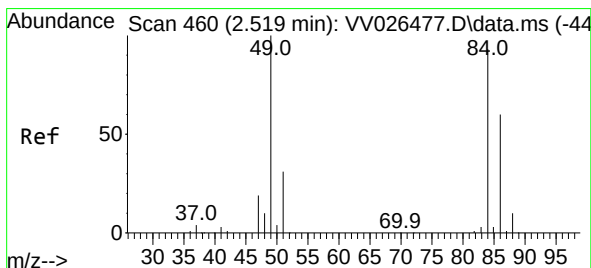
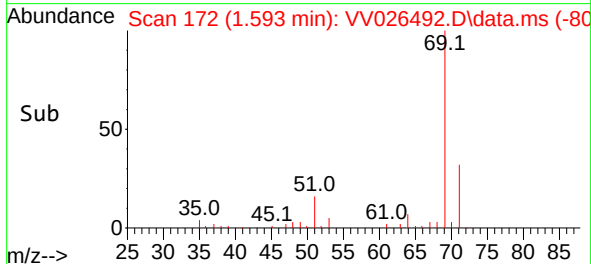
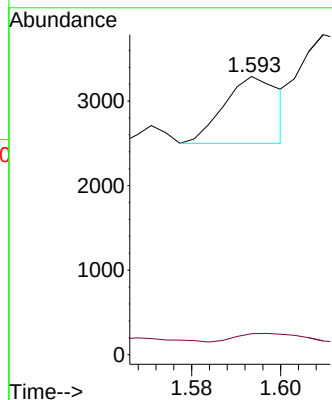
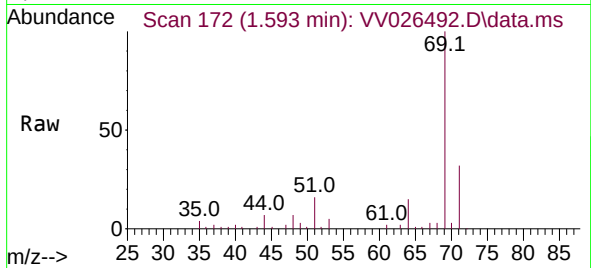




#8
Chloroethane
Concen: 0.077 ug/L
RT: 1.593 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026492.D
Acq: 21 Jun 2022 16:38

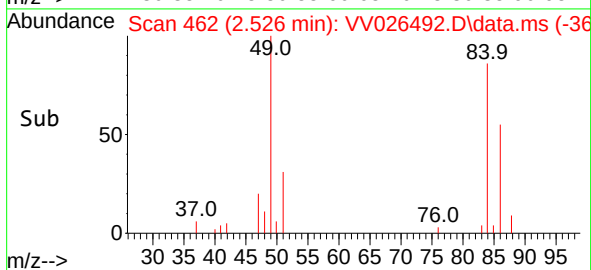
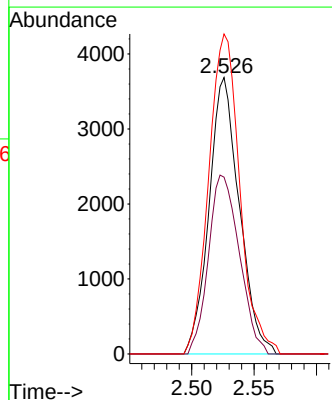
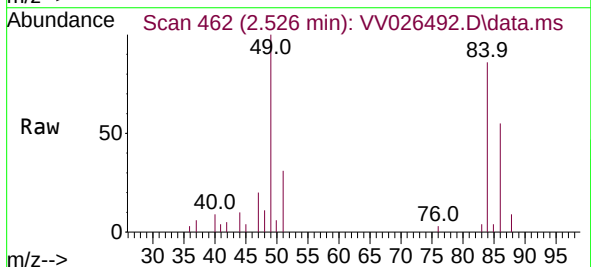
Instrument :
MSVOA_V
ClientSampleId :

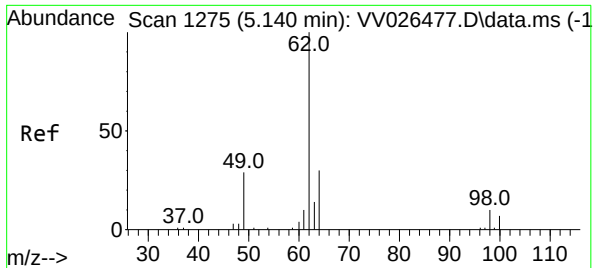
Tgt Ion: 64 Resp: 680
Ion Ratio Lower Upper
64 100
66 7.5 24.1 44.7#



#16
Methylene chloride
Concen: 0.470 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.006 min
Lab File: VV026492.D
Acq: 21 Jun 2022 16:38

Tgt Ion: 84 Resp: 6240
Ion Ratio Lower Upper
84 100
86 63.9 44.0 81.8
49 115.8 77.3 143.7





#27

1,2-Dichloroethane

Concen: 0.125 ug/L

RT: 5.063 min Scan# 1183

Delta R.T. -0.077 min

Lab File: VV026492.D

Acq: 21 Jun 2022 16:38

Instrument :

MSVOA_V

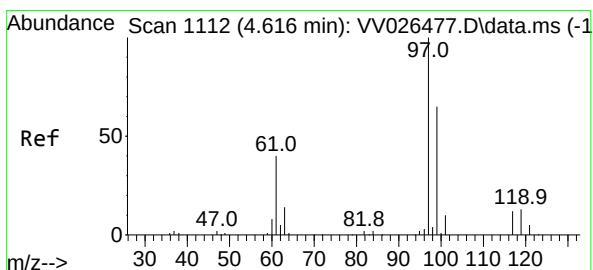
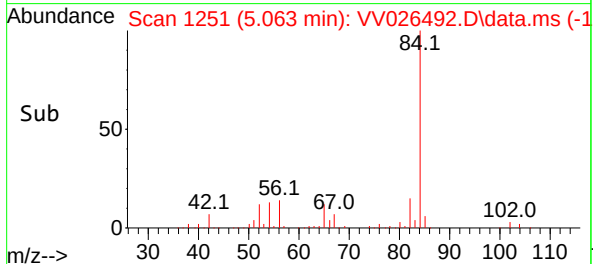
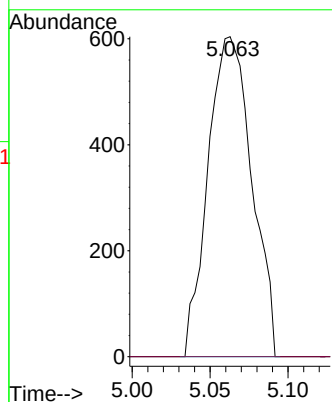
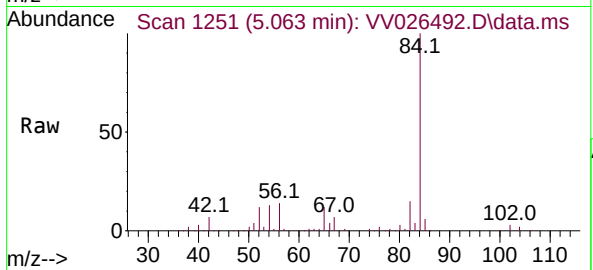
ClientSampleId :

Tgt Ion: 62 Resp: 1183

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#29

1,1,1-Trichloroethane

Concen: 0.215 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VV026492.D

Acq: 21 Jun 2022 16:38

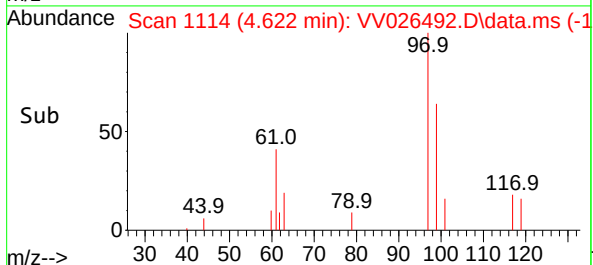
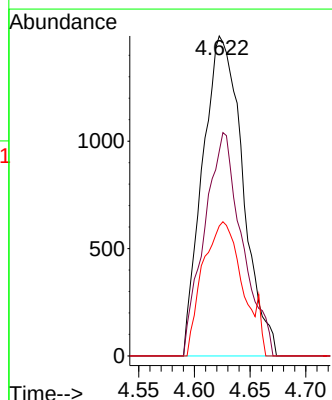
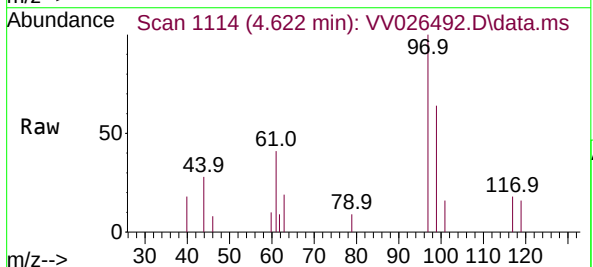
Tgt Ion: 97 Resp: 3731

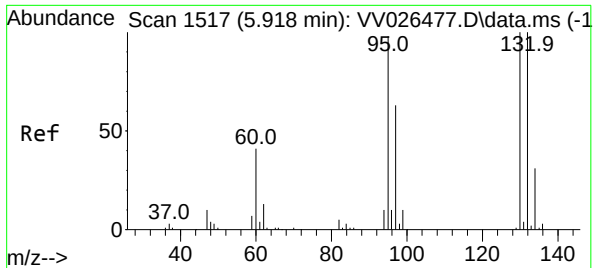
Ion Ratio Lower Upper

97 100

99 65.6 50.3 75.5

61 41.9 33.4 50.0





#34

Trichloroethene

Concen: 10.211 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026492.D

Acq: 21 Jun 2022 16:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 112113

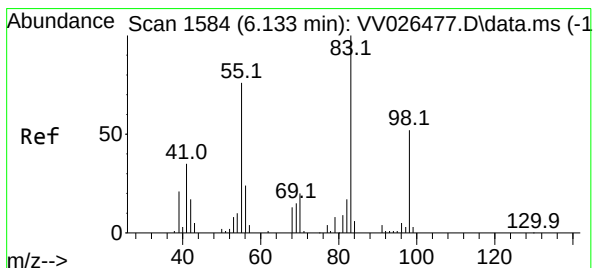
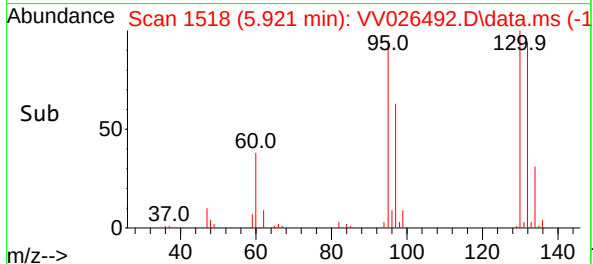
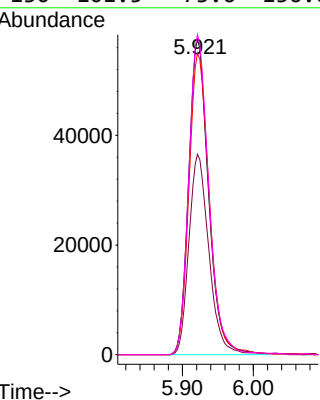
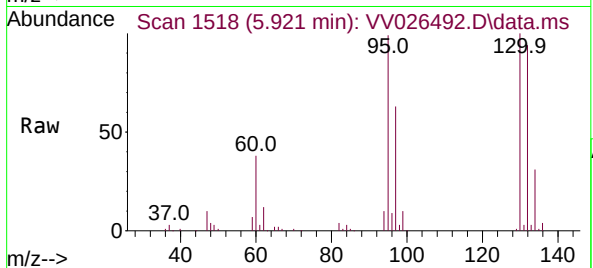
Ion Ratio Lower Upper

95 100

97 63.6 46.5 86.3

132 95.6 68.8 127.8

130 101.5 73.6 136.6



#35

Methylcyclohexane

Concen: 1.084 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026492.D

Acq: 21 Jun 2022 16:38

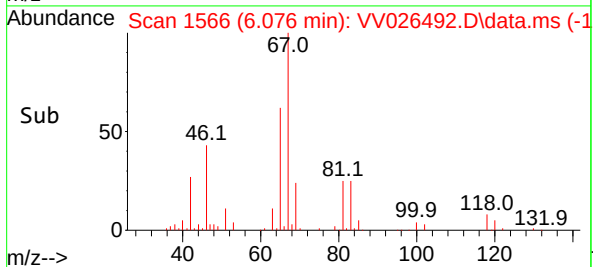
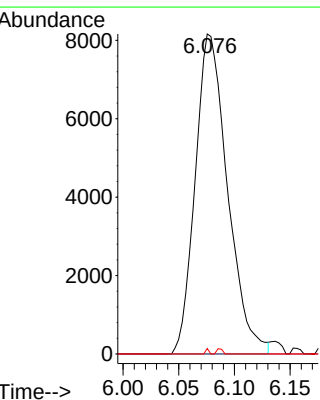
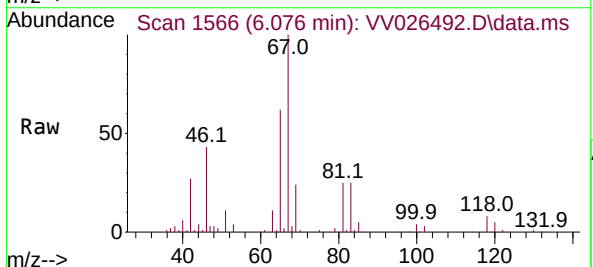
Tgt Ion: 83 Resp: 16463

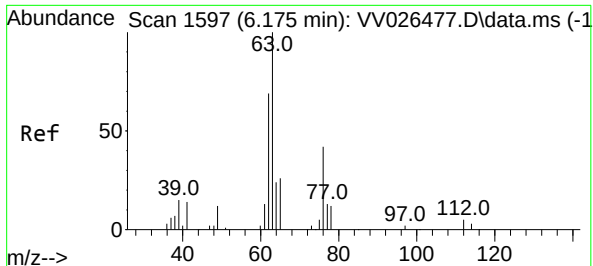
Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.8 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.708 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026492.D

Acq: 21 Jun 2022 16:38

Instrument :

MSVOA_V

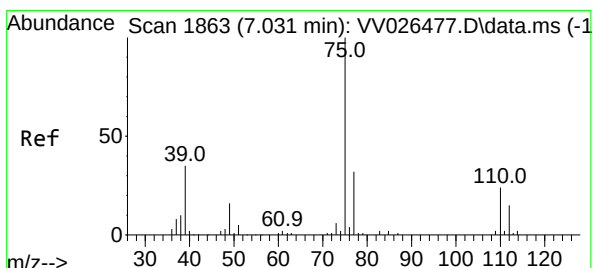
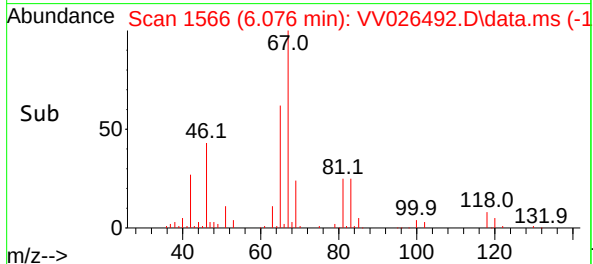
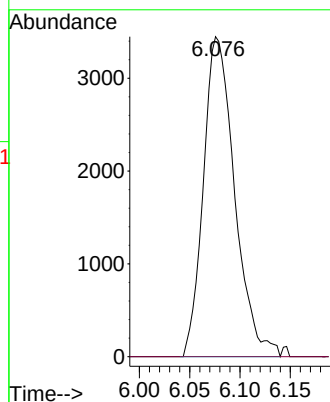
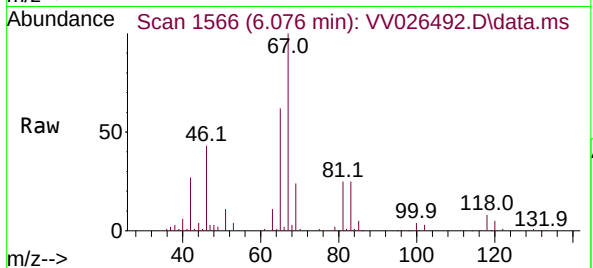
ClientSampleId :

Tgt Ion: 63 Resp: 7452

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026492.D

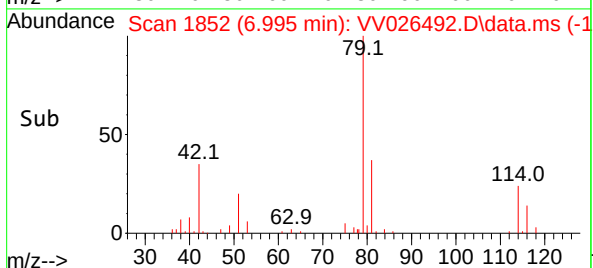
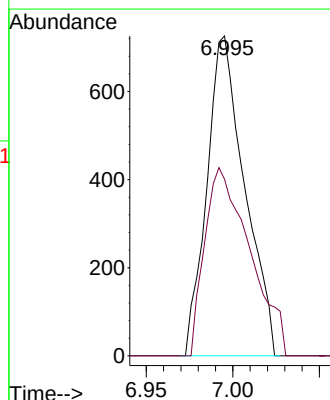
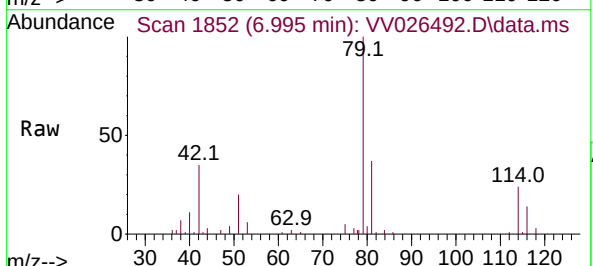
Acq: 21 Jun 2022 16:38

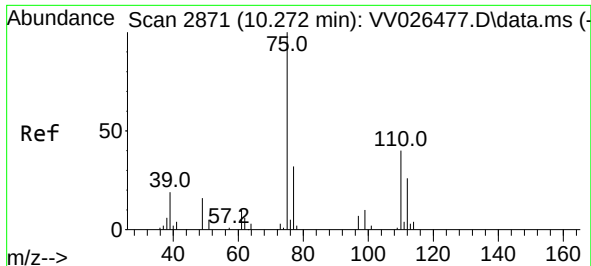
Tgt Ion: 75 Resp: 1105

Ion Ratio Lower Upper

75 100

77 55.2 23.0 42.6#

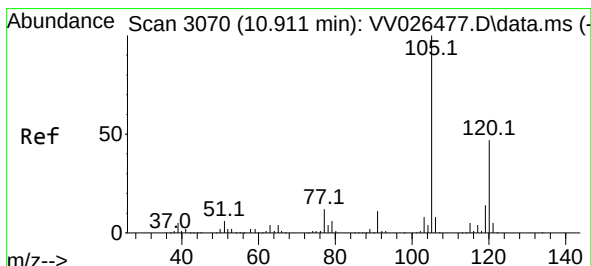
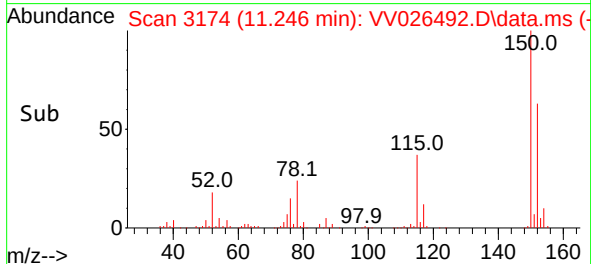
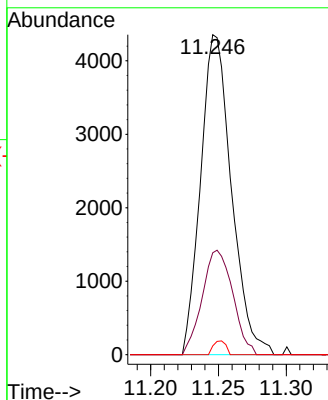
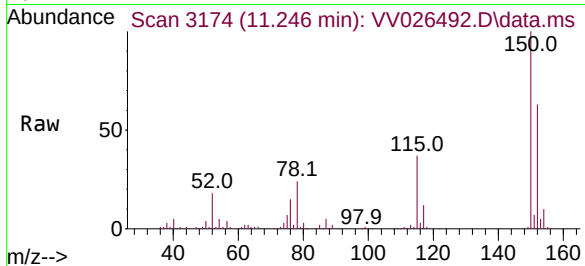




#61
1,2,3-Trichloropropane
Concen: 1.630 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV026492.D
Acq: 21 Jun 2022 16:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6880
Ion Ratio Lower Upper
75 100
77 32.4 26.9 40.3
110 1.8 30.7 46.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.068 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.010 min
Lab File: VV026492.D
Acq: 21 Jun 2022 16:38

Tgt Ion: 105 Resp: 1852
Ion Ratio Lower Upper
105 100
120 48.5 36.9 55.3

