

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027495.D
 Acq On : 25 Aug 2022 09:49
 Operator : SY/MD
 Sample : VV0825WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 00:59:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

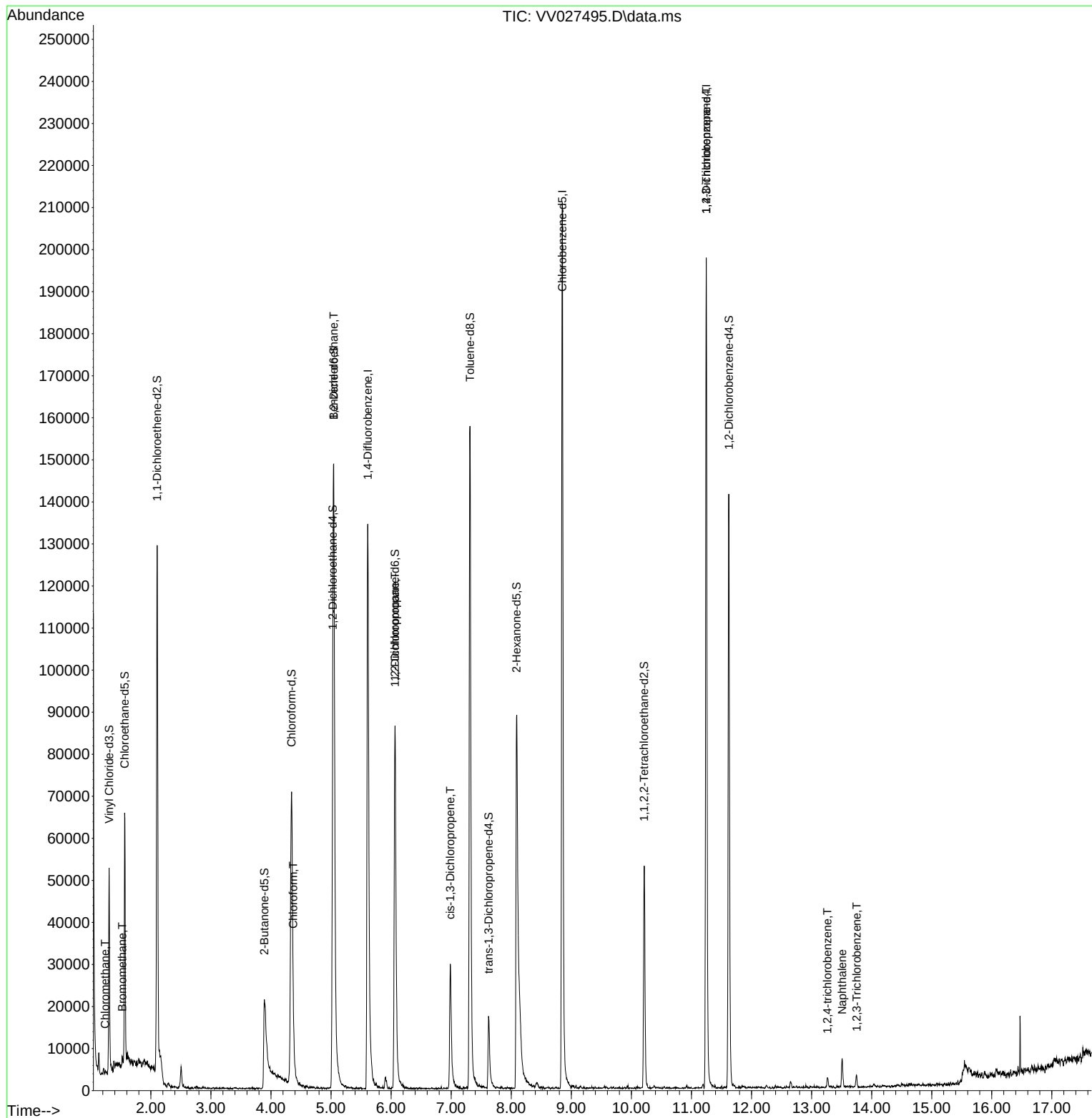
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	123923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	53313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34746	3.940	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.800%	
7) Chloroethane-d5	1.564	69	37311	5.780	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.600%	
11) 1,1-Dichloroethene-d2	2.105	63	69779	3.393	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.800%	
20) 2-Butanone-d5	3.889	46	37585	34.243	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.480%	
24) Chloroform-d	4.342	84	75688	4.292	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.027	65	35135	4.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.043	84	141437	4.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.066	67	43142	4.499	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.313	98	113832	3.823	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	7.625	79	11089	3.378	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.600%	
46) 2-Hexanone-d5	8.088	63	41590	38.484	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.960%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	25881	4.238	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	37883	4.793	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	616	0.054	ug/L	100
6) Bromomethane	1.523	94	442	0.077	ug/L	81
25) Chloroform	4.368	83	2486	0.114	ug/L	91
27) 1,2-Dichloroethane	5.043	62	926	0.084	ug/L #	74
37) 1,2-Dichloropropane	6.063	63	5066	0.480	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	891	0.070	ug/L #	68
61) 1,2,3-Trichloropropane	11.246	75	6078	1.300	ug/L #	67
70) 1,2,4-trichlorobenzene	13.265	180	998	0.106	ug/L	98
71) Naphthalene	13.509	128	5418	0.419	ug/L	98
72) 1,2,3-Trichlorobenzene	13.750	180	943	0.113	ug/L	88

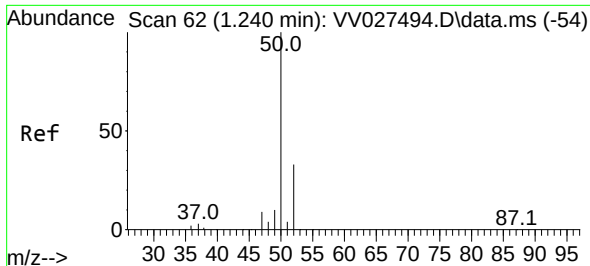
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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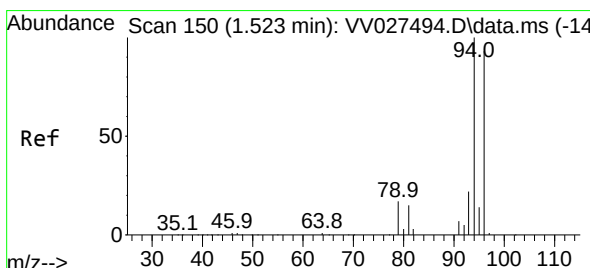
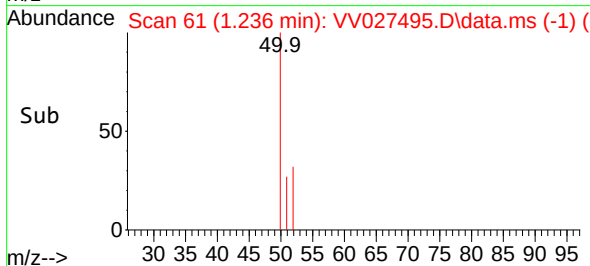
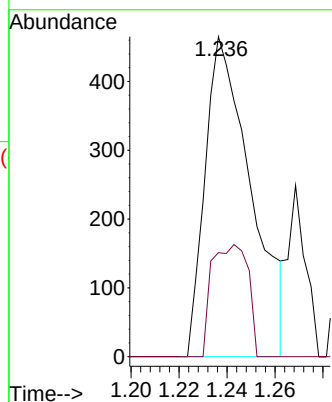
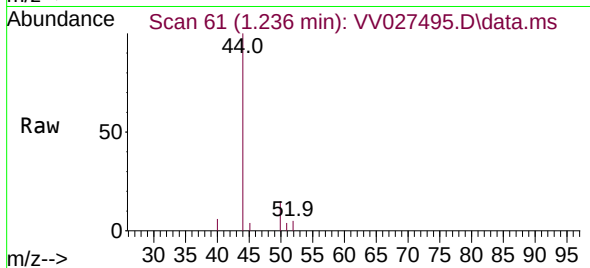




#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027495.D
Acq: 25 Aug 2022 09:49

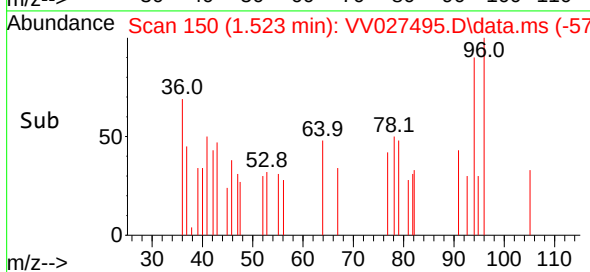
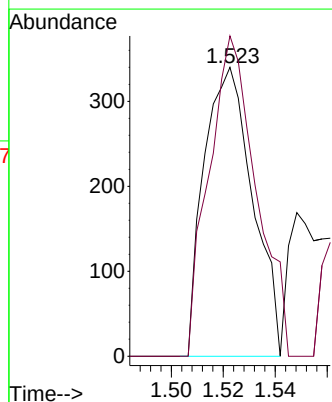
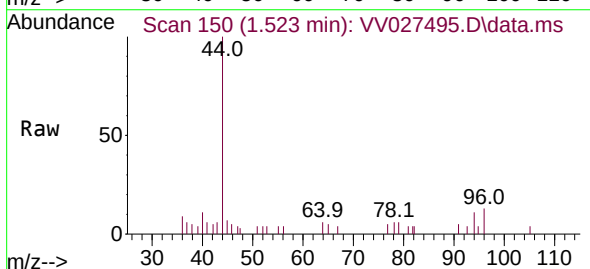
Instrument :
MSVOA_V
ClientSampleId :

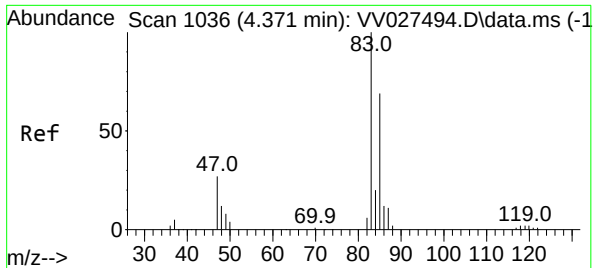
Tgt Ion: 50 Resp: 616
Ion Ratio Lower Upper
50 100
52 32.5 22.8 42.4



#6
Bromomethane
Concen: 0.077 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV027495.D
Acq: 25 Aug 2022 09:49

Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 110.9 65.2 121.0

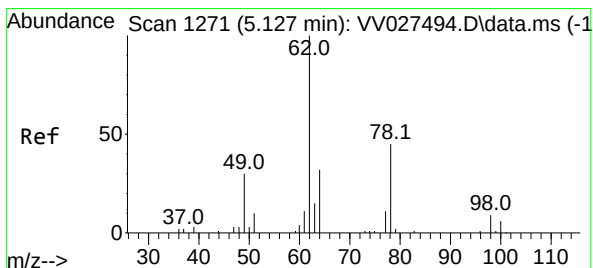
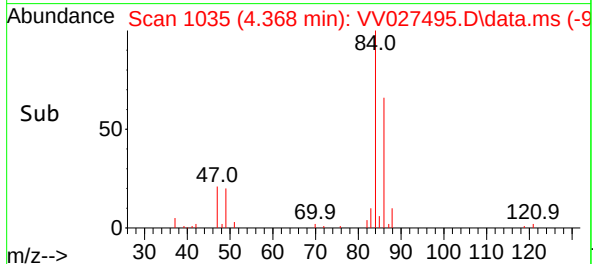
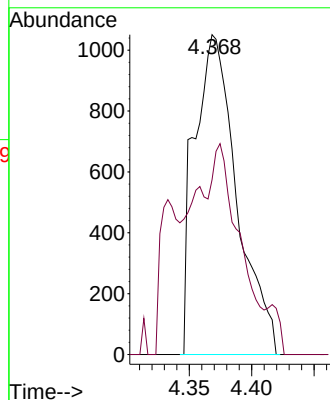
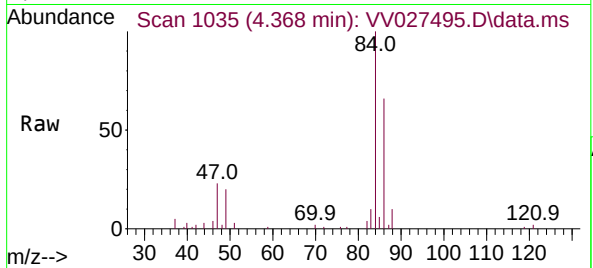




#25
Chloroform
Concen: 0.114 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV027495.D
Acq: 25 Aug 2022 09:49

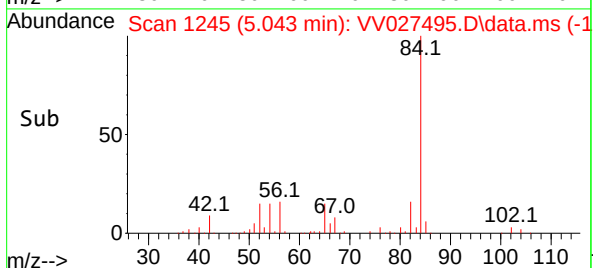
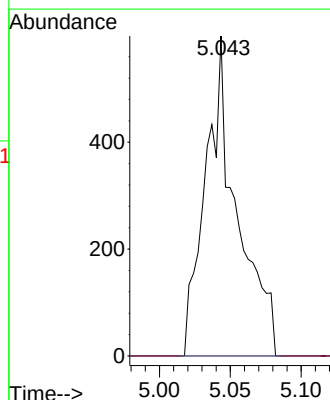
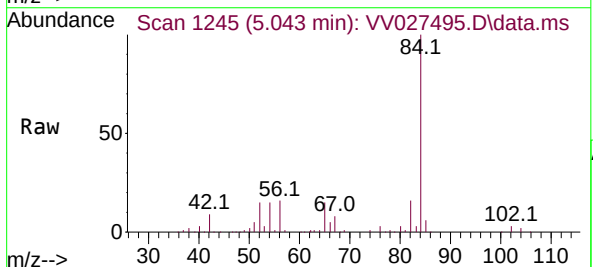
Instrument :
MSVOA_V
ClientSampleId :

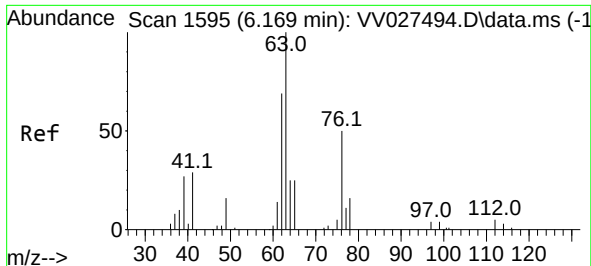
Tgt Ion: 83 Resp: 2486
Ion Ratio Lower Upper
83 100
85 54.6 43.3 80.5



#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.084 min
Lab File: VV027495.D
Acq: 25 Aug 2022 09:49

Tgt Ion: 62 Resp: 926
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#





#37

1,2-Dichloropropane

Concen: 0.480 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV027495.D

Acq: 25 Aug 2022 09:49

Instrument :

MSVOA_V

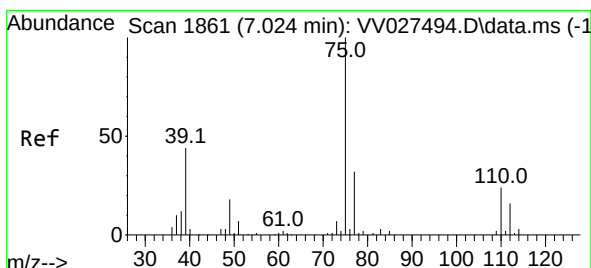
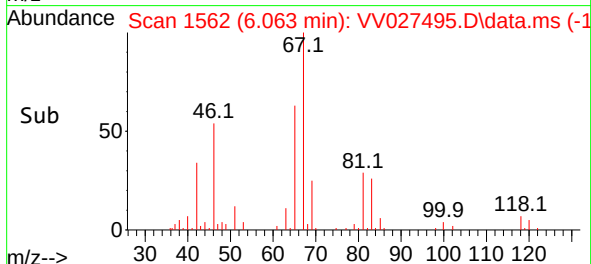
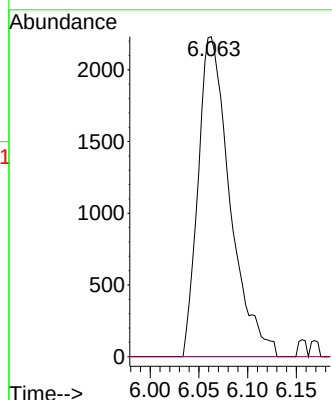
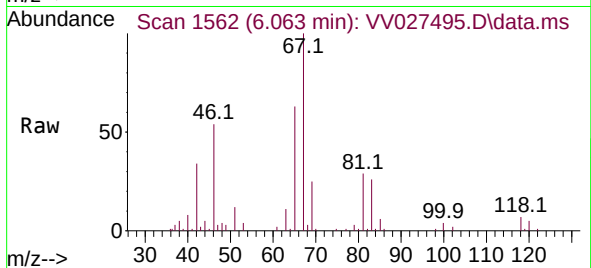
ClientSampleId :

Tgt Ion: 63 Resp: 5066

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV027495.D

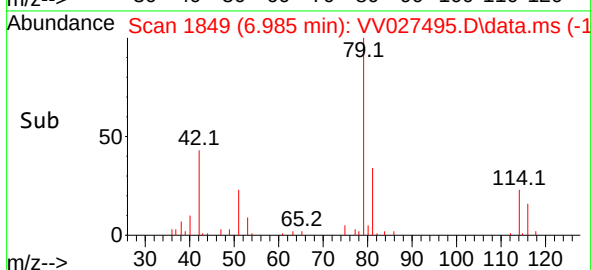
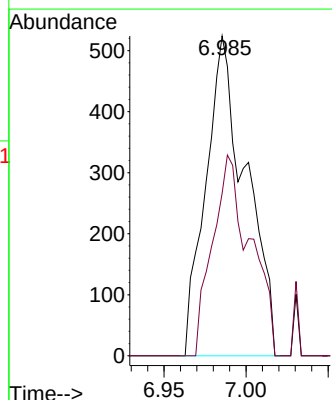
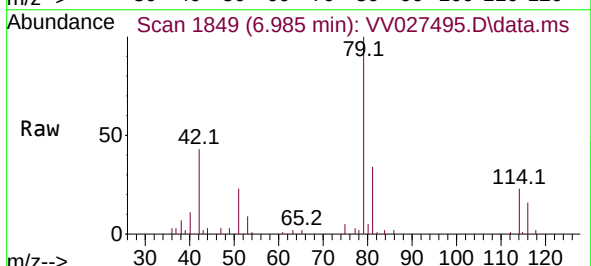
Acq: 25 Aug 2022 09:49

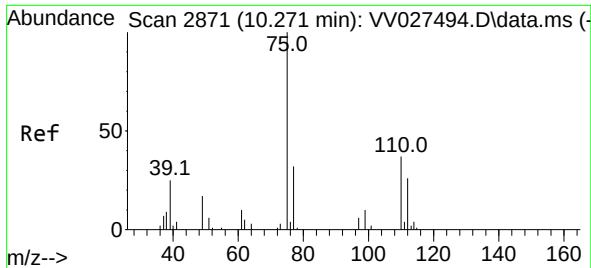
Tgt Ion: 75 Resp: 891

Ion Ratio Lower Upper

75 100

77 50.8 22.9 42.5#

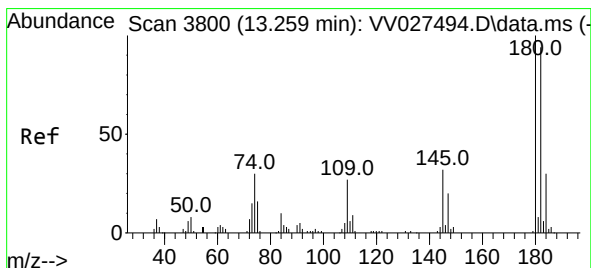
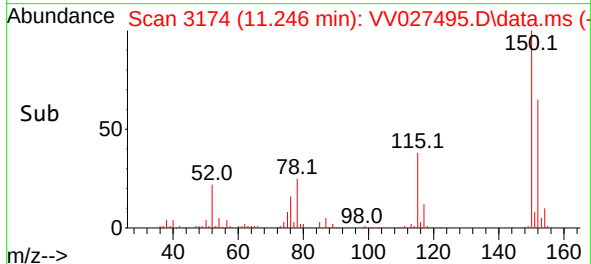
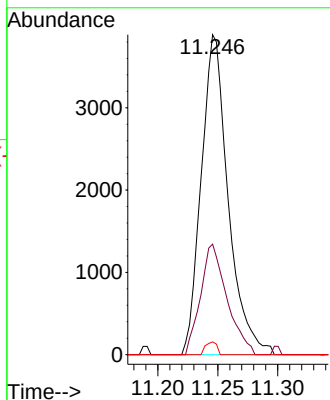
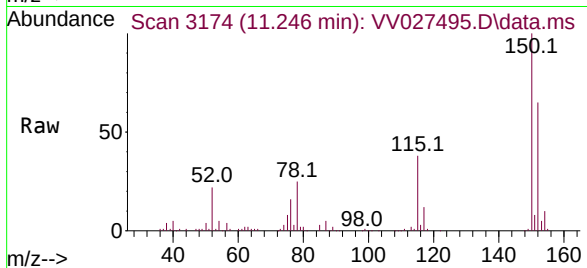




#61
 1,2,3-Trichloropropane
 Concen: 1.300 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV027495.D
 Acq: 25 Aug 2022 09:49

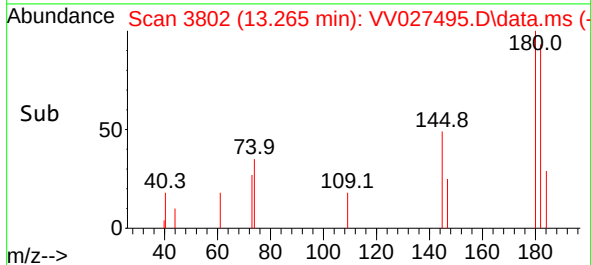
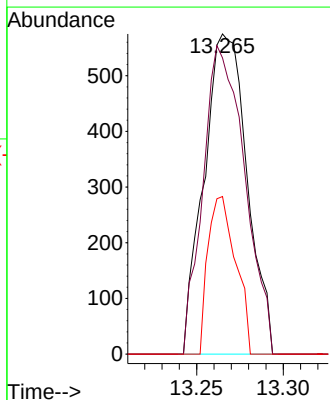
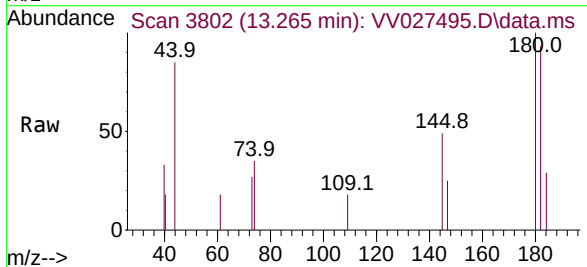
Instrument :
 MSVOA_V
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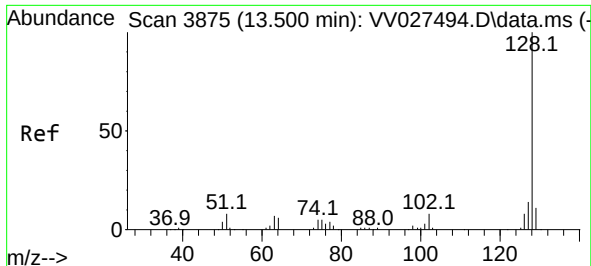
Tgt Ion: 75 Resp: 6078
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.2 39.2
 110 1.7 29.9 44.9#



#70
 1,2,4-trichlorobenzene
 Concen: 0.106 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.006 min
 Lab File: VV027495.D
 Acq: 25 Aug 2022 09:49

Tgt Ion:180 Resp: 998
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.0 114.0
 145 31.5 24.9 37.3

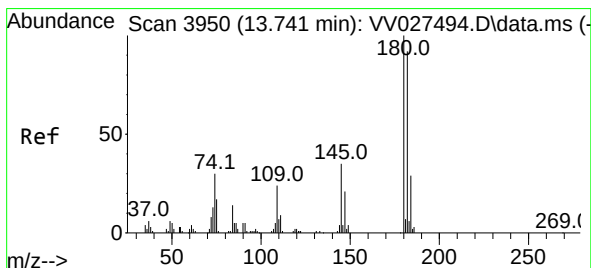
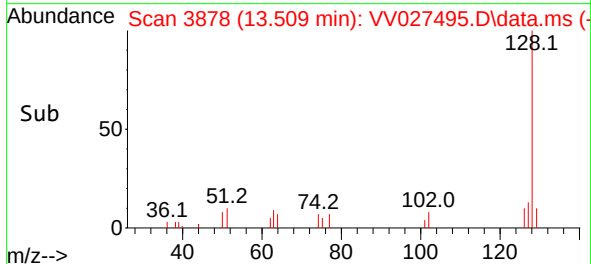
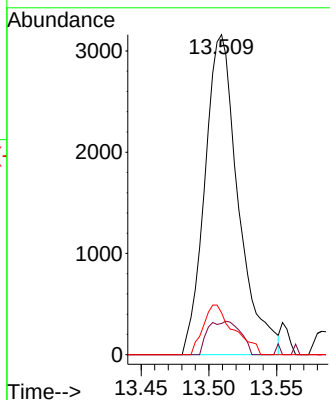
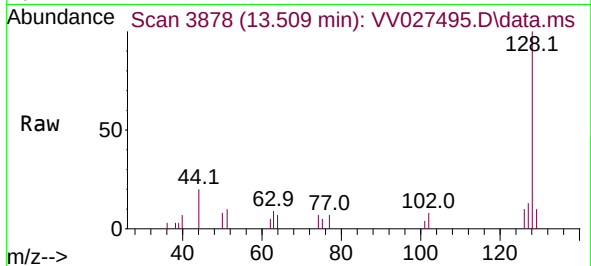




#71
Naphthalene
Concen: 0.419 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV027495.D
Acq: 25 Aug 2022 09:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 5418
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 14.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.113 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.010 min
Lab File: VV027495.D
Acq: 25 Aug 2022 09:49

Tgt Ion:180 Resp: 943
Ion Ratio Lower Upper
180 100
182 109.0 75.3 112.9
145 33.6 26.6 39.8

