

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027604.D
 Acq On : 30 Aug 2022 23:01
 Operator : SY/MD
 Sample : VV0830WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 07:12:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

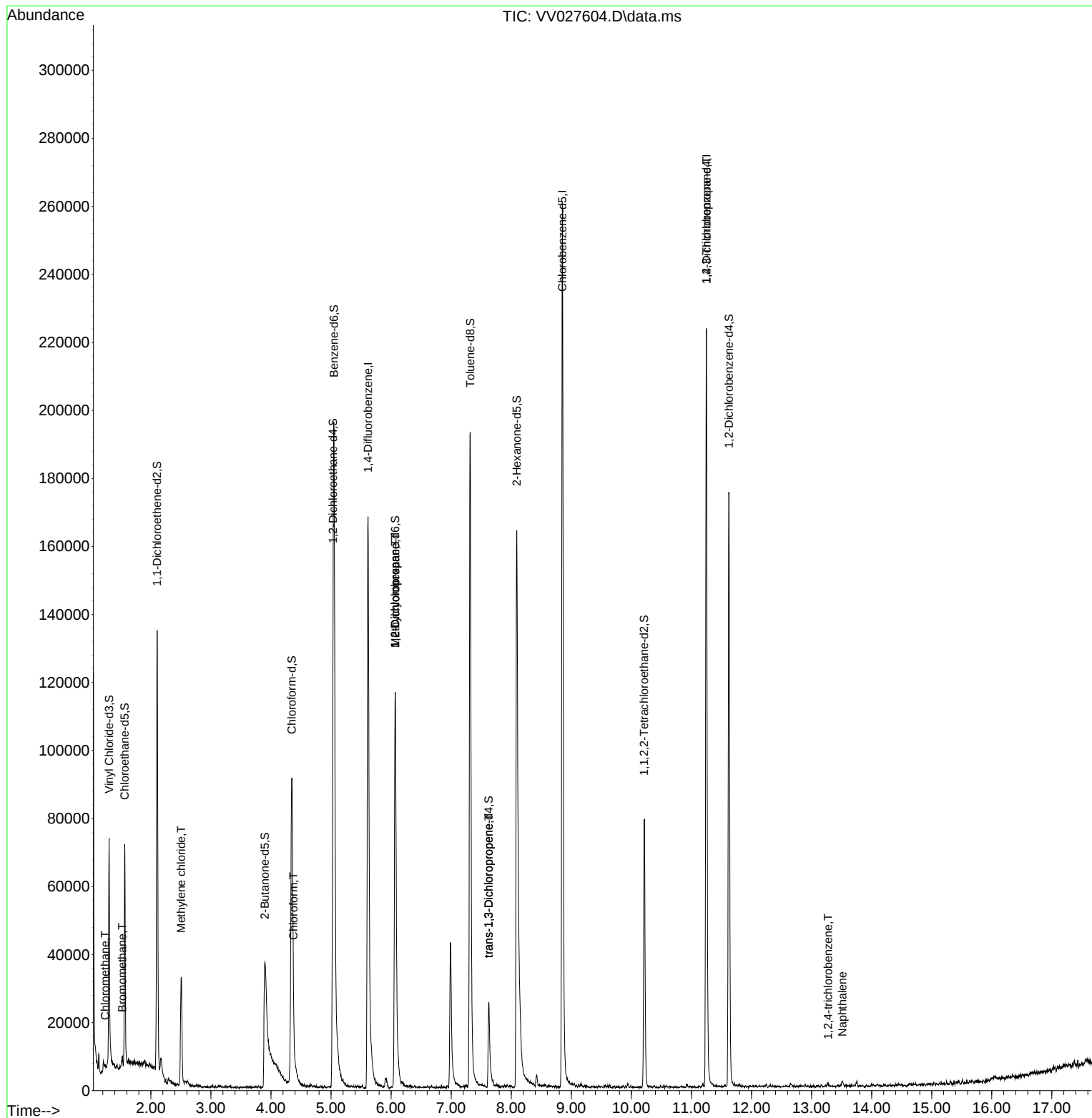
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	146478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48046	4.609	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.564	69	41186	5.398	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.000%	
11) 1,1-Dichloroethene-d2	2.105	63	68463	2.816	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.400%#	
20) 2-Butanone-d5	3.895	46	63025	48.579	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.160%	
24) Chloroform-d	4.346	84	99671	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.034	65	47841	5.305	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.047	84	182041	4.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.069	67	60008	5.136	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.317	98	133938	3.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15694	3.923	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.091	63	67852	51.521	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.040%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38691	5.200	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	44090	5.161	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1090	0.080	ug/L	89
6) Bromomethane	1.523	94	1304	0.193	ug/L	72
16) Methylene chloride	2.506	84	12733	0.762	ug/L	99
25) Chloroform	4.375	83	3340	0.130	ug/L	87
35) Methylcyclohexane	6.069	83	14984	0.839	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	6872	0.534	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1009	0.077	ug/L #	82
61) 1,2,3-Trichloropropane	11.249	75	7734	1.530	ug/L #	66
70) 1,2,4-trichlorobenzene	13.275	180	551	0.054	ug/L #	63
71) Naphthalene	13.512	128	1911	0.137	ug/L #	80

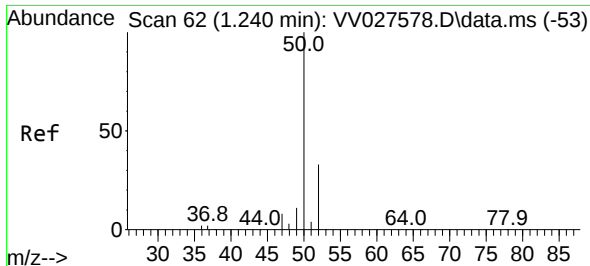
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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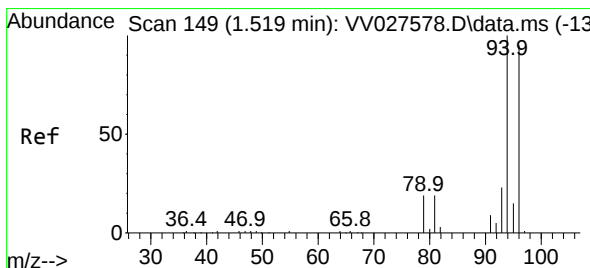
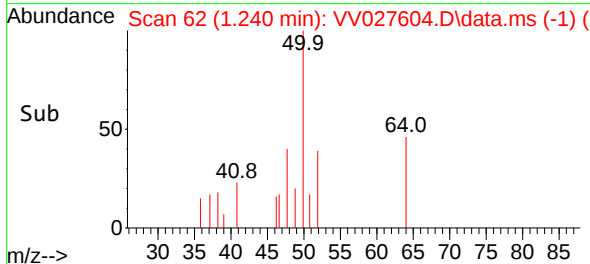
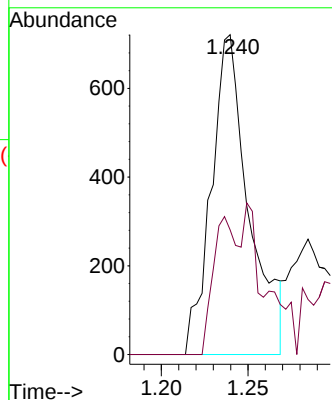
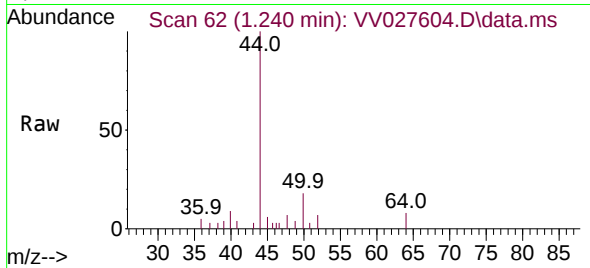




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027604.D
Acq: 30 Aug 2022 23:01

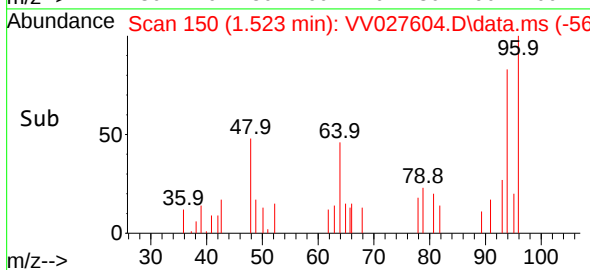
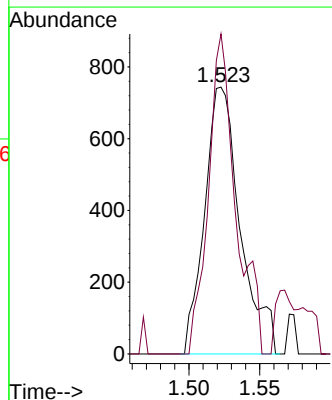
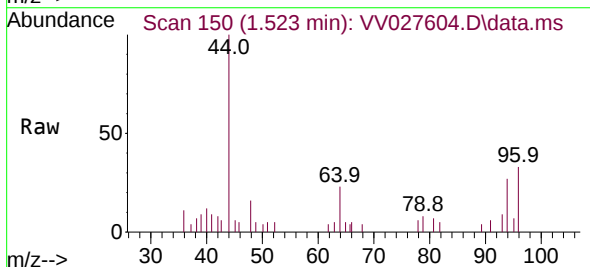
Instrument :
MSVOA_V
ClientSampleId :

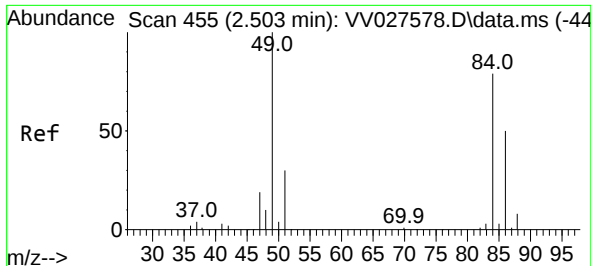
Tgt Ion: 50 Resp: 1090
Ion Ratio Lower Upper
50 100
52 39.0 22.8 42.4



#6
Bromomethane
Concen: 0.193 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027604.D
Acq: 30 Aug 2022 23:01

Tgt Ion: 94 Resp: 1304
Ion Ratio Lower Upper
94 100
96 119.9 65.2 121.0

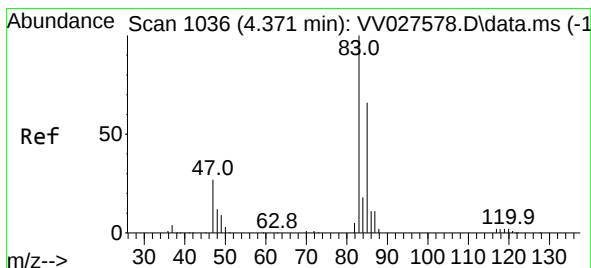
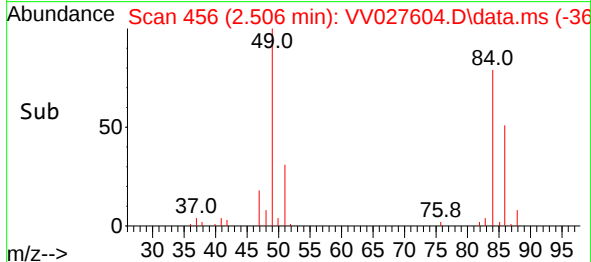
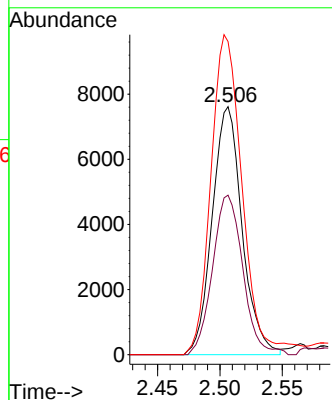
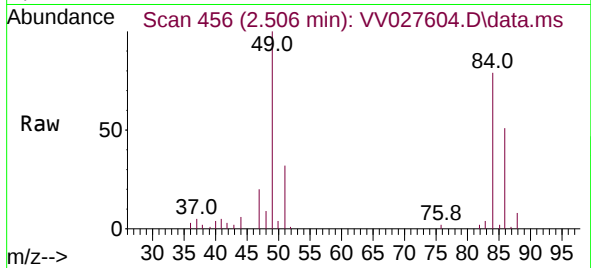




#16
Methylene chloride
Concen: 0.762 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027604.D
Acq: 30 Aug 2022 23:01

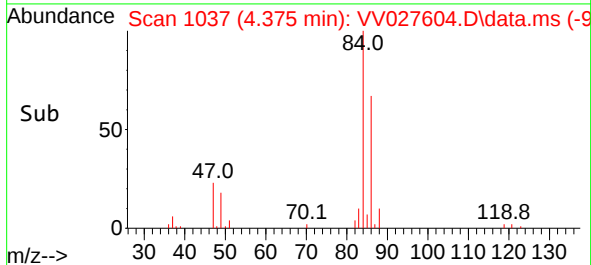
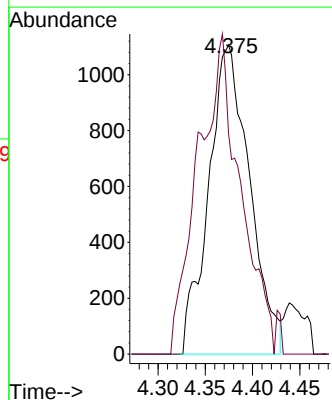
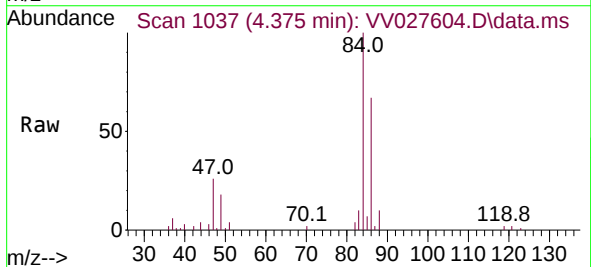
Instrument :
MSVOA_V
ClientSampleId :

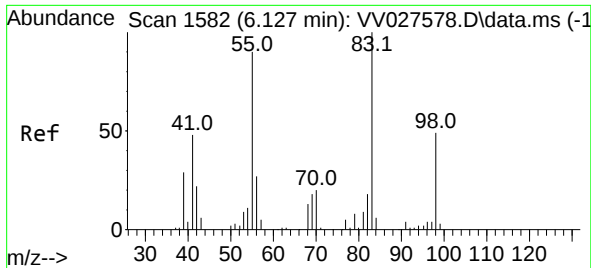
Tgt Ion: 84 Resp: 12733
Ion Ratio Lower Upper
84 100
86 64.4 44.0 81.6
49 126.3 89.4 166.0



#25
Chloroform
Concen: 0.130 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027604.D
Acq: 30 Aug 2022 23:01

Tgt Ion: 83 Resp: 3340
Ion Ratio Lower Upper
83 100
85 71.5 43.3 80.5

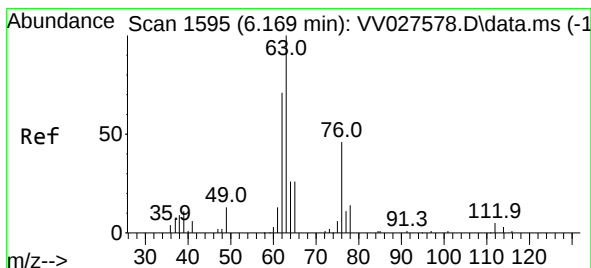
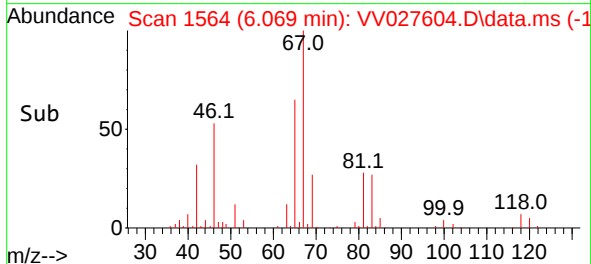
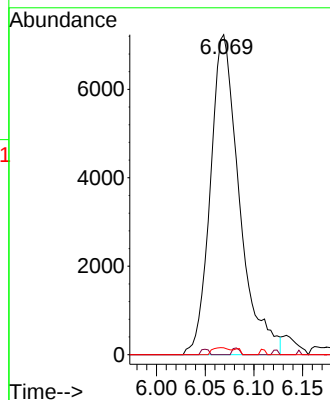
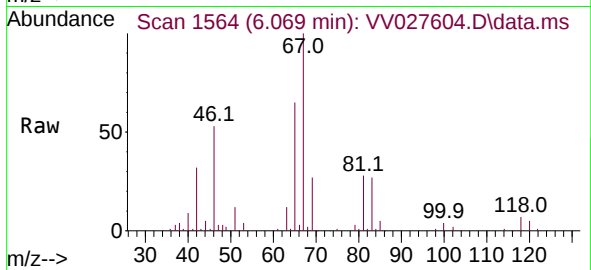




#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027604.D
Acq: 30 Aug 2022 23:01

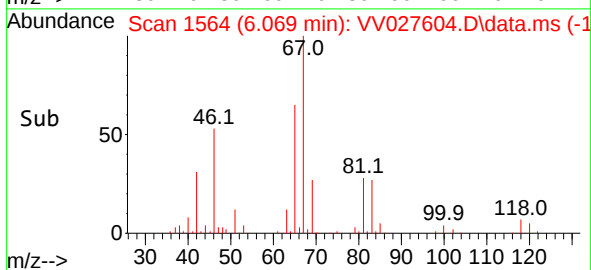
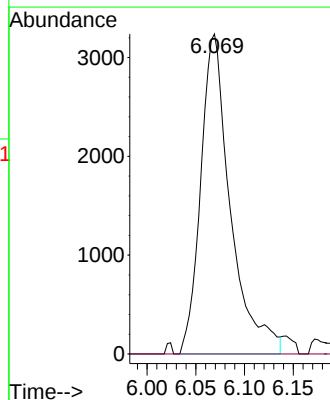
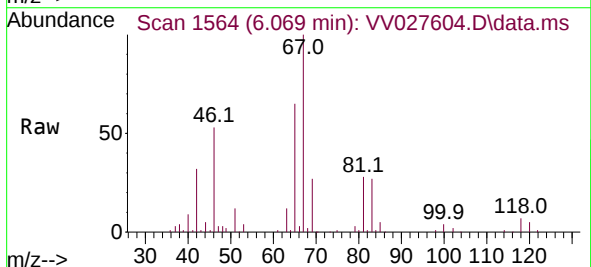
Instrument :
MSVOA_V
ClientSampleId :

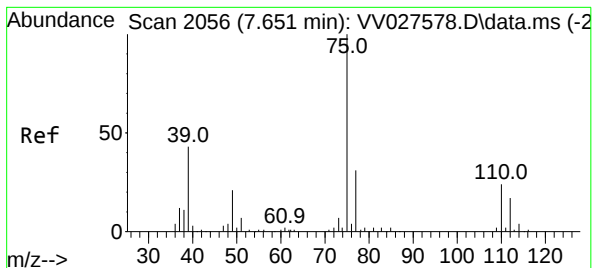
Tgt Ion: 83 Resp: 14984
Ion Ratio Lower Upper
83 100
55 0.5 68.2 102.4#
98 1.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027604.D
Acq: 30 Aug 2022 23:01

Tgt Ion: 63 Resp: 6872
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.625 min Scan# 2056

Delta R.T. -0.026 min

Lab File: VV027604.D

Acq: 30 Aug 2022 23:01

Instrument :

MSVOA_V

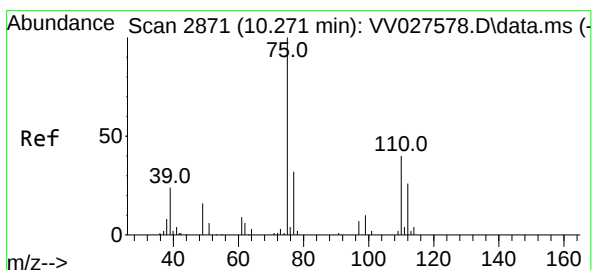
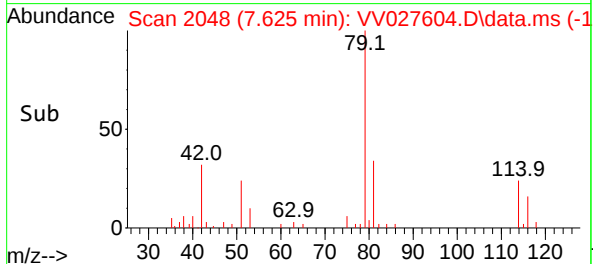
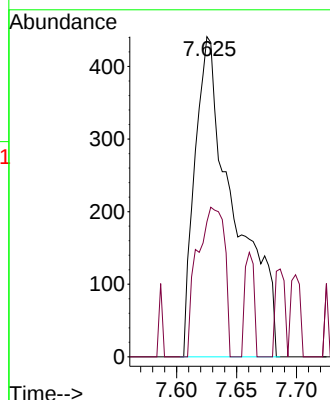
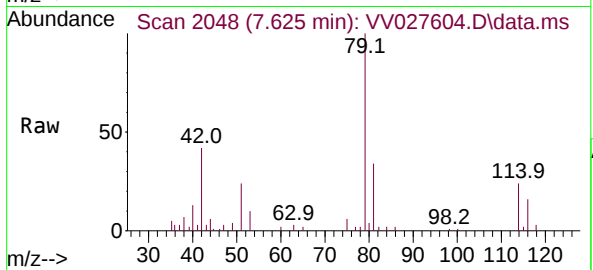
ClientSampleId :

Tgt Ion: 75 Resp: 1009

Ion Ratio Lower Upper

75 100

77 42.2 22.3 41.5#



#61

1,2,3-Trichloropropane

Concen: 1.530 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027604.D

Acq: 30 Aug 2022 23:01

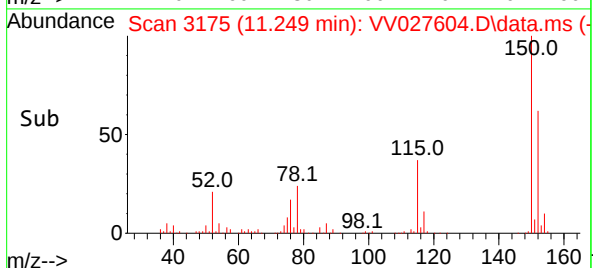
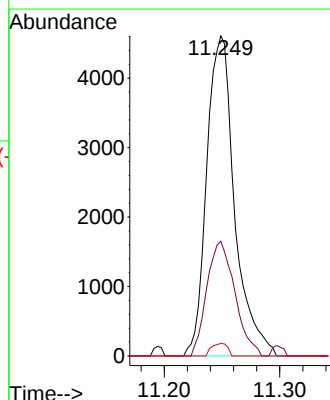
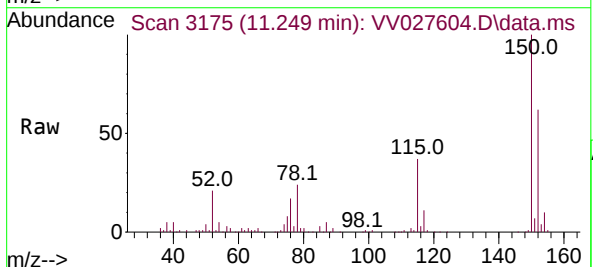
Tgt Ion: 75 Resp: 7734

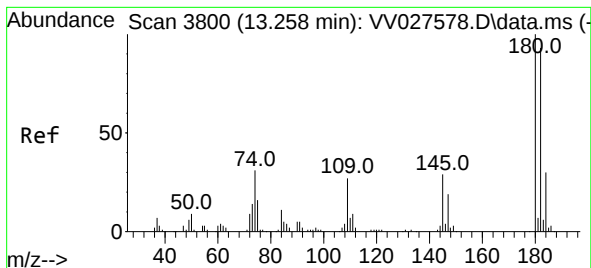
Ion Ratio Lower Upper

75 100

77 36.0 26.2 39.2

110 2.2 29.9 44.9#





#70

1,2,4-trichlorobenzene

Concen: 0.054 ug/L

RT: 13.275 min Scan# 3805

Delta R.T. 0.016 min

Lab File: VV027604.D

Acq: 30 Aug 2022 23:01

Instrument :

MSVOA_V

ClientSampleId :

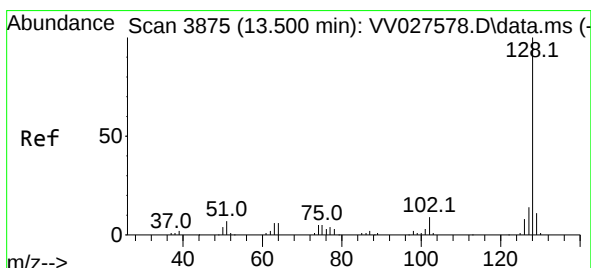
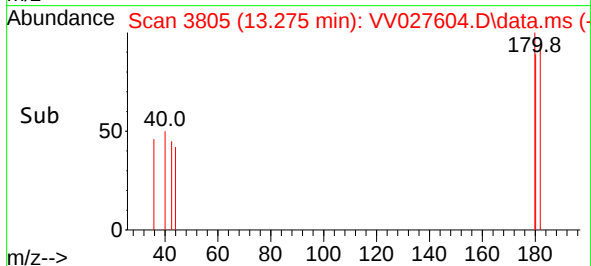
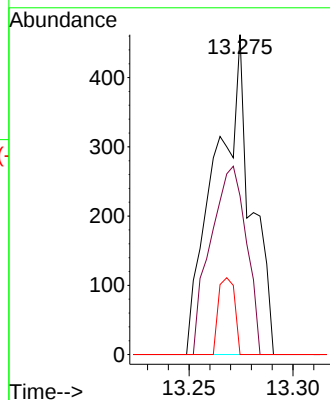
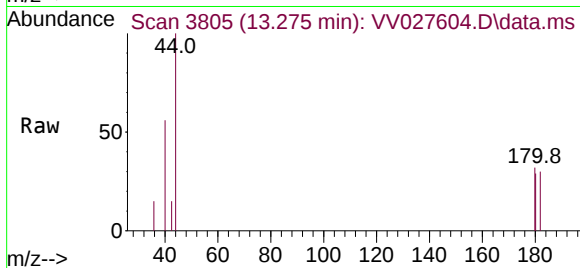
Tgt Ion:180 Resp: 551

Ion Ratio Lower Upper

180 100

182 58.8 76.0 114.0#

145 10.9 24.9 37.3#



#71

Naphthalene

Concen: 0.137 ug/L

RT: 13.512 min Scan# 3879

Delta R.T. 0.013 min

Lab File: VV027604.D

Acq: 30 Aug 2022 23:01

Tgt Ion:128 Resp: 1911

Ion Ratio Lower Upper

128 100

129 4.3 8.7 13.1#

127 4.4 10.4 15.6#

