

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027595.D
 Acq On : 30 Aug 2022 18:54
 Operator : SY/MD
 Sample : N4400-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:50:42 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)

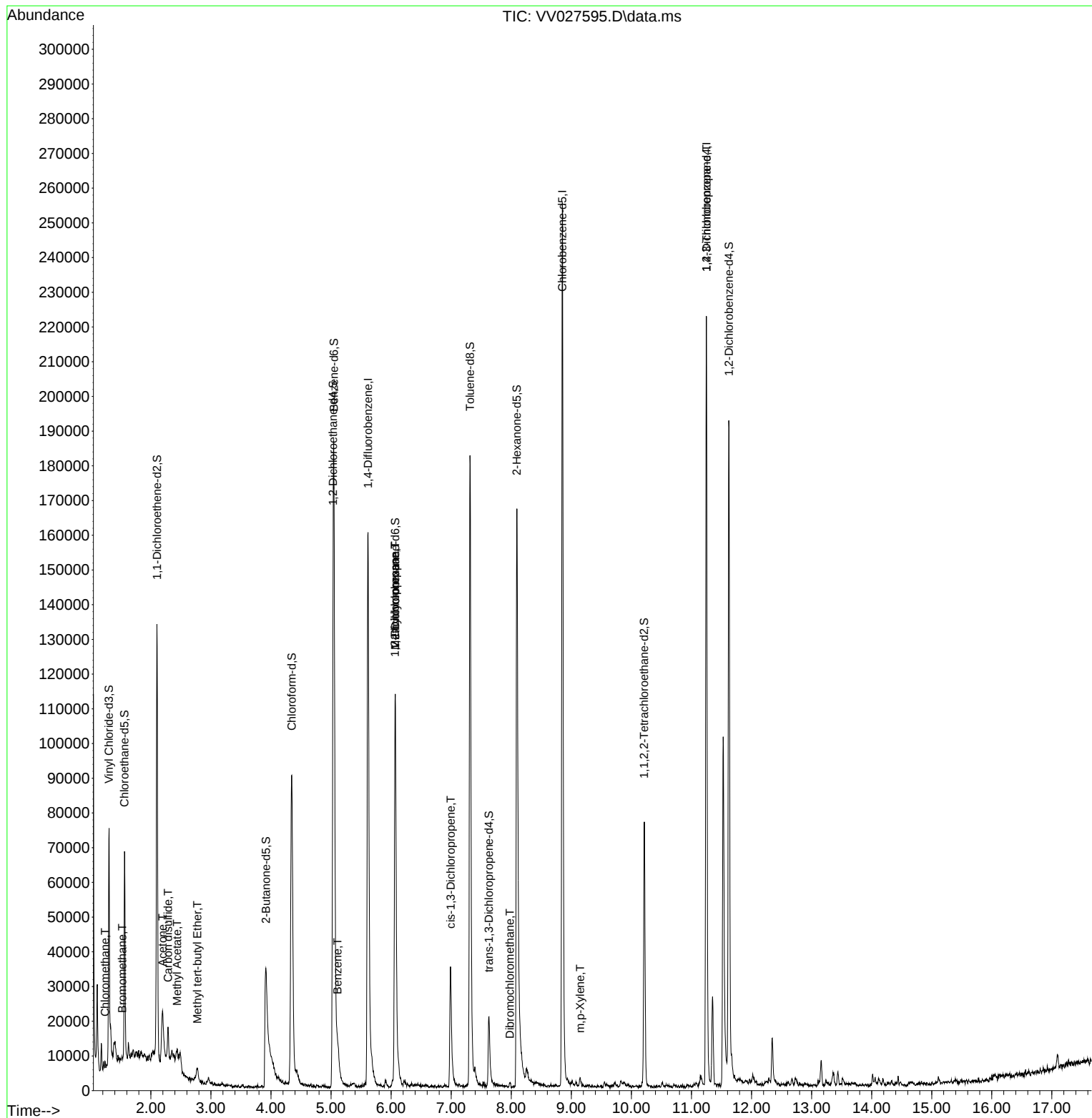
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45543	4.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.561	69	38663	5.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.101	63	65453	2.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.200%#
20) 2-Butanone-d5	3.915	46	70228	56.421	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.840%
24) Chloroform-d	4.346	84	93830	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.034	65	44931	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.047	84	168909	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.069	67	56996	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.313	98	125722	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.629	79	13590	3.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.092	63	57299	45.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37111	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	47618	5.695	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1406	0.108	ug/L	90
6) Bromomethane	1.523	94	585	0.090	ug/L	75
13) Acetone	2.195	43	20027	16.848	ug/L	94
14) Carbon disulfide	2.285	76	9641	0.330	ug/L #	95
15) Methyl Acetate	2.436	43	2820	0.857	ug/L #	72
17) Methyl tert-butyl Ether	2.773	73	3332	0.151	ug/L #	88
33) Benzene	5.108	78	2136	0.046	ug/L	100
35) Methylcyclohexane	6.069	83	13604	0.796	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	6339	0.515	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1088	0.073	ug/L #	66
49) Dibromochloromethane	7.979	129	306	0.032	ug/L #	9
53) m,p-Xylene	9.146	106	687	0.037	ug/L #	58
61) 1,2,3-Trichloropropane	11.249	75	7337	1.483	ug/L #	68

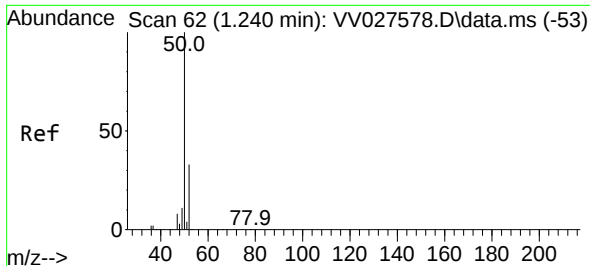
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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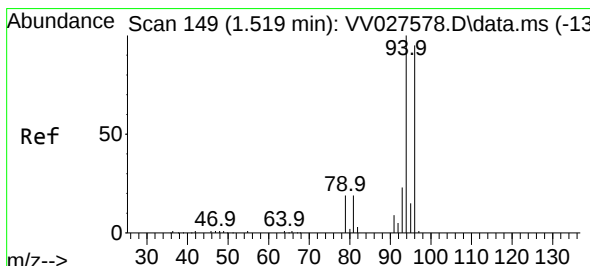
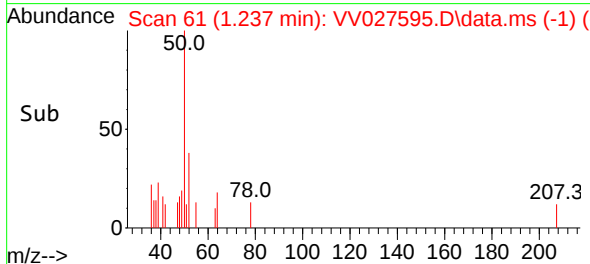
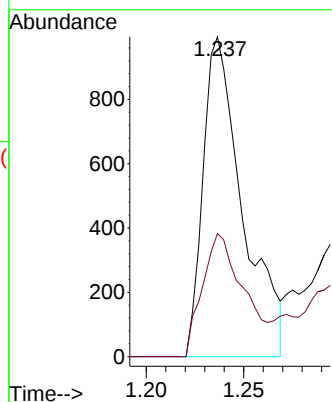
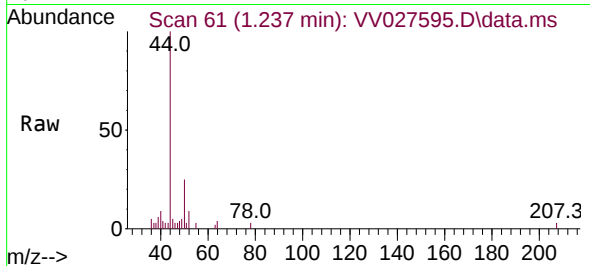




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027595.D
Acq: 30 Aug 2022 18:54

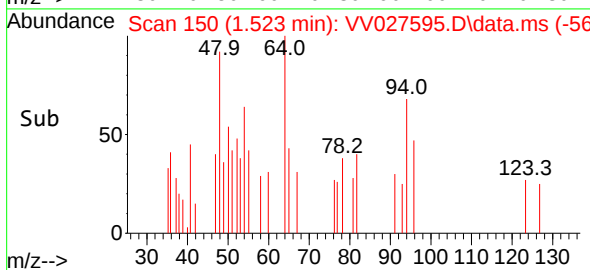
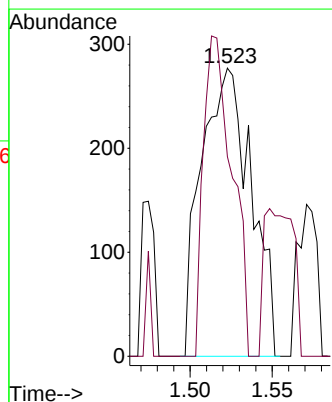
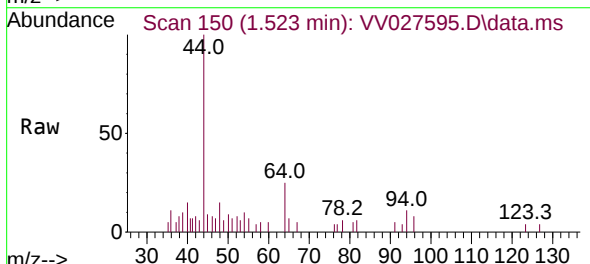
Instrument :
MSVOA_V
ClientSampleId :

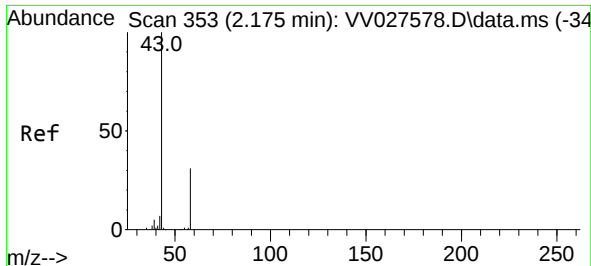
Tgt Ion: 50 Resp: 1406
Ion Ratio Lower Upper
50 100
52 38.5 22.8 42.4



#6
Bromomethane
Concen: 0.090 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027595.D
Acq: 30 Aug 2022 18:54

Tgt Ion: 94 Resp: 585
Ion Ratio Lower Upper
94 100
96 69.3 65.2 121.0

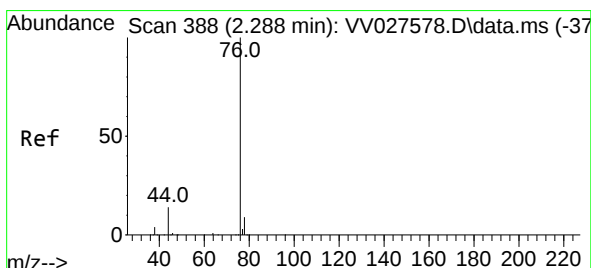
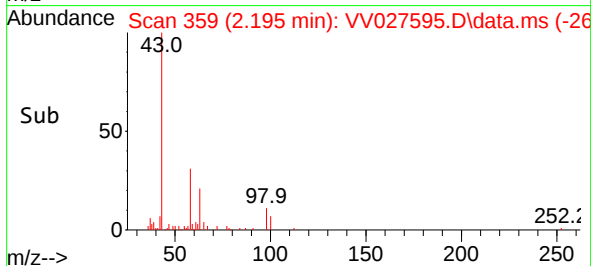
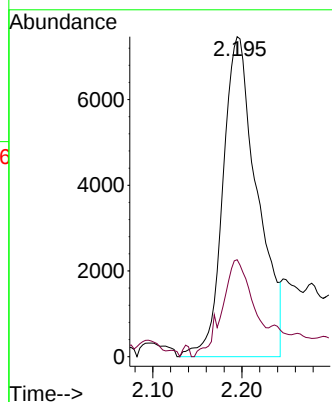
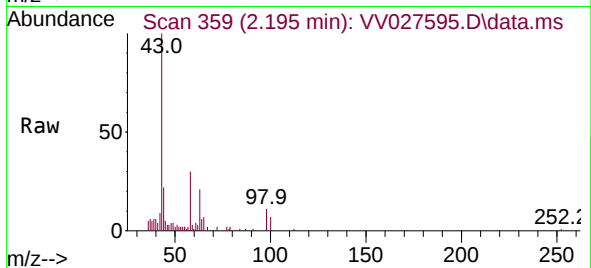




#13
Acetone
Concen: 16.848 ug/L
RT: 2.195 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV027595.D
Acq: 30 Aug 2022 18:54

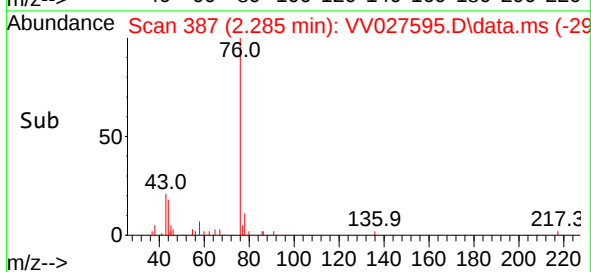
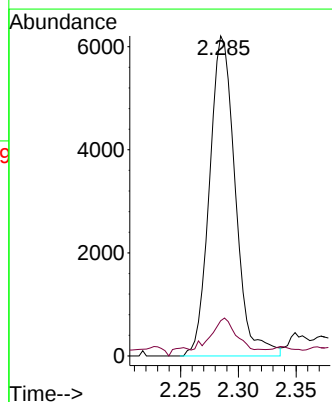
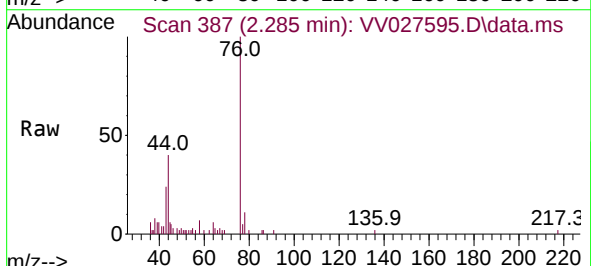
Instrument :
MSVOA_V
ClientSampleId :

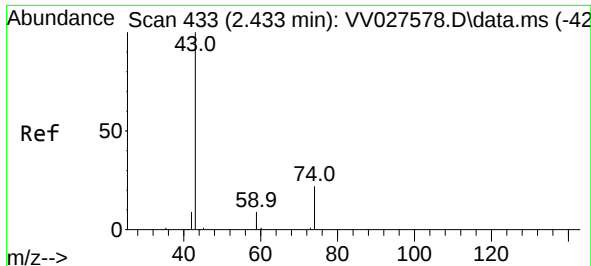
Tgt Ion: 43 Resp: 20027
Ion Ratio Lower Upper
43 100
58 27.7 0.0 62.2



#14
Carbon disulfide
Concen: 0.330 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
Lab File: VV027595.D
Acq: 30 Aug 2022 18:54

Tgt Ion: 76 Resp: 9641
Ion Ratio Lower Upper
76 100
78 11.0 7.3 10.9#

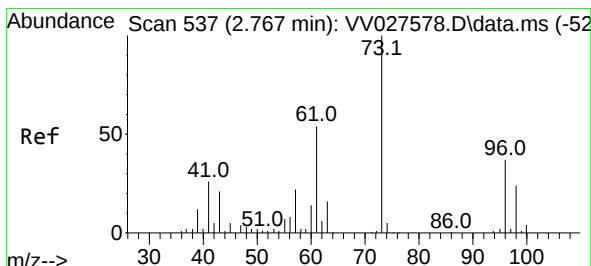
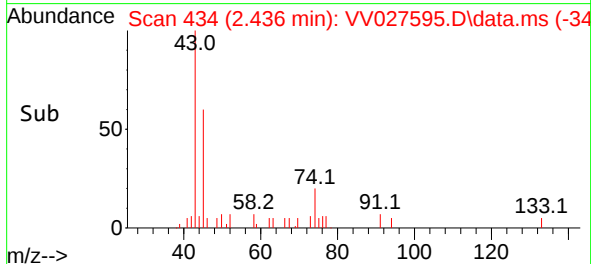
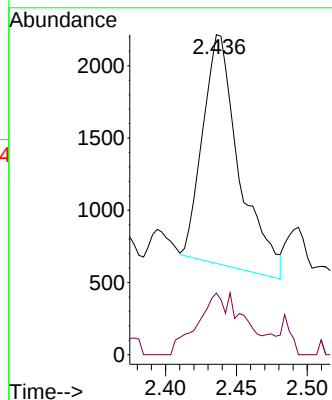
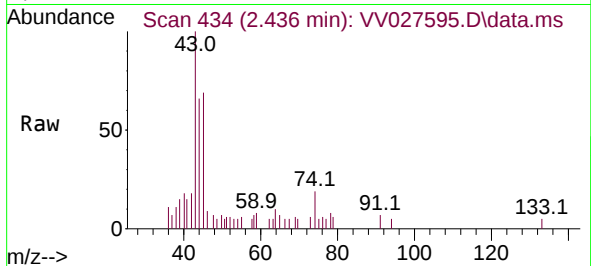




#15
Methyl Acetate
Concen: 0.857 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027595.D
Acq: 30 Aug 2022 18:54

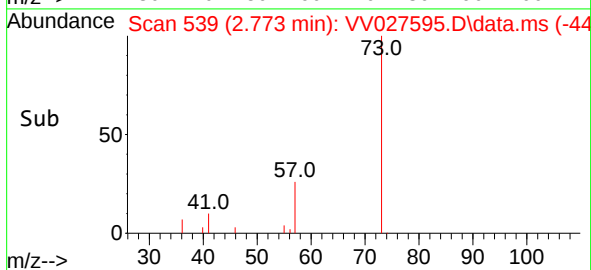
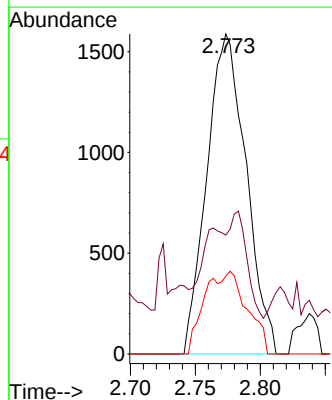
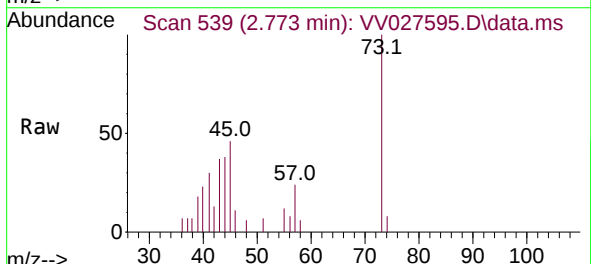
Instrument :
MSVOA_V
ClientSampleId :

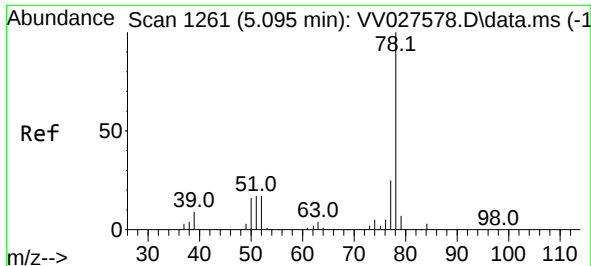
Tgt Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
74 33.5 16.3 24.5#



#17
Methyl tert-butyl Ether
Concen: 0.151 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.007 min
Lab File: VV027595.D
Acq: 30 Aug 2022 18:54

Tgt Ion: 73 Resp: 3332
Ion Ratio Lower Upper
73 100
43 14.6 15.6 23.4#
57 15.2 17.0 25.6#

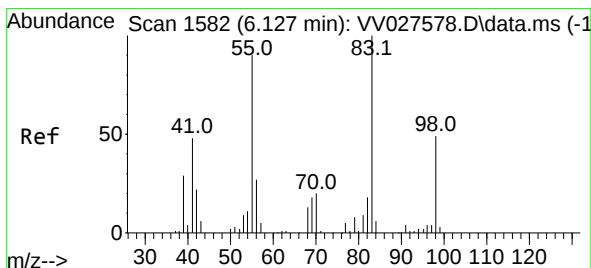
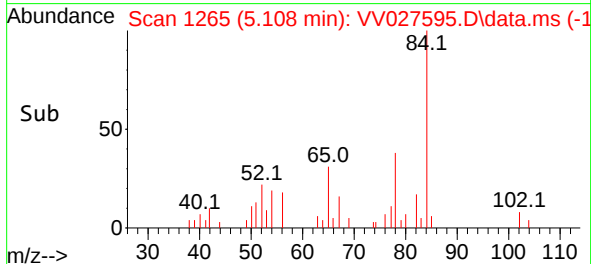
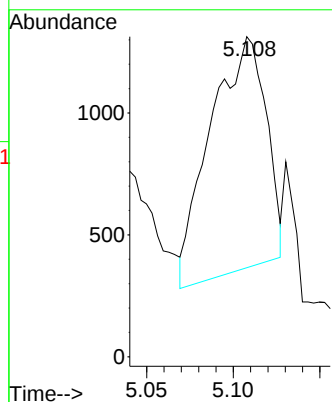
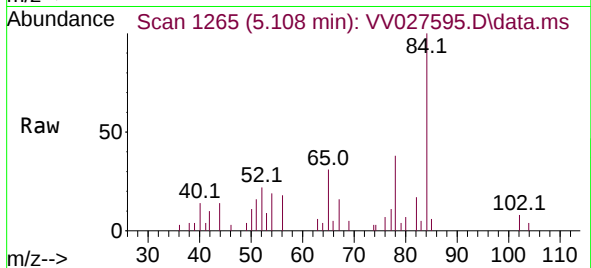




#33
Benzene
Concen: 0.046 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV027595.D
Acq: 30 Aug 2022 18:54

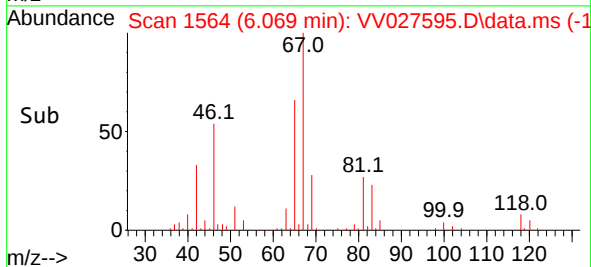
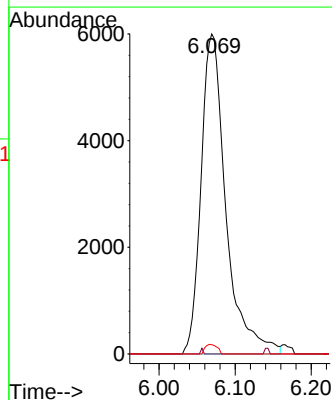
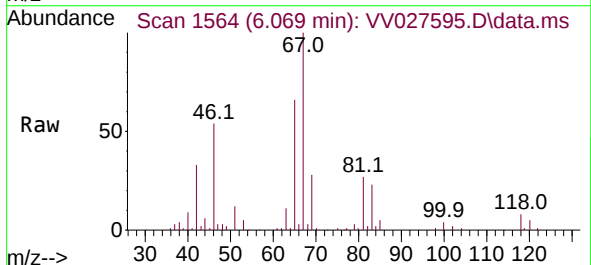
Instrument :
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ClientSampleId :

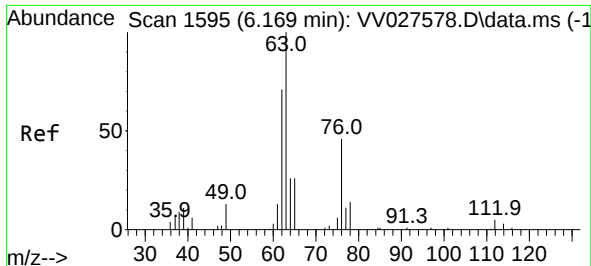
Tgt Ion: 78 Resp: 2136



#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027595.D
Acq: 30 Aug 2022 18:54

Tgt Ion: 83 Resp: 13604
Ion Ratio Lower Upper
83 100
55 0.2 68.2 102.4#
98 1.4 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027595.D

Acq: 30 Aug 2022 18:54

Instrument :

MSVOA_V

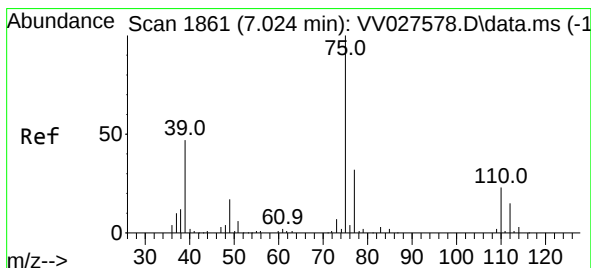
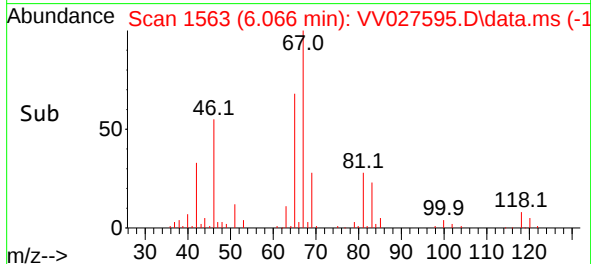
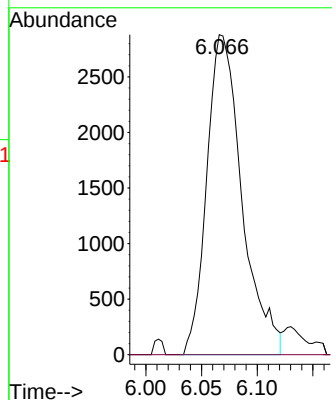
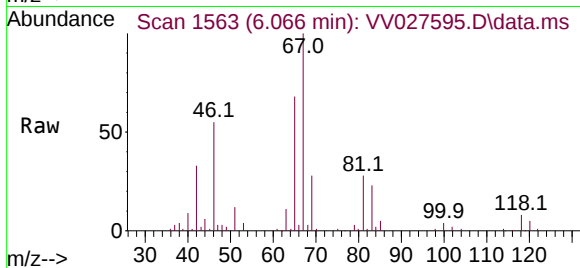
ClientSampleId :

Tgt Ion: 63 Resp: 6339

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV027595.D

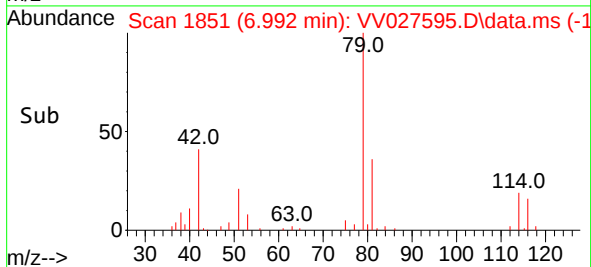
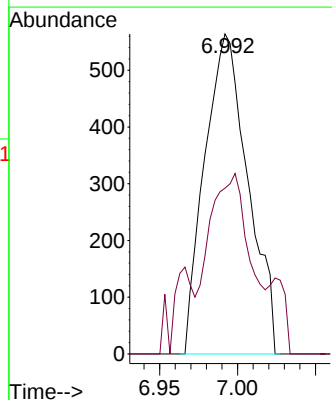
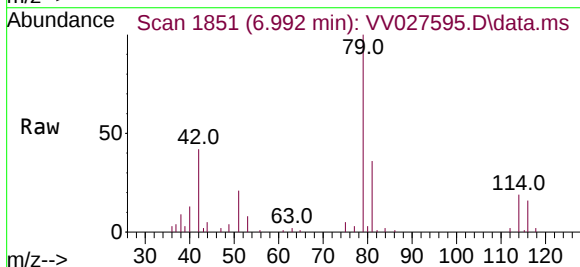
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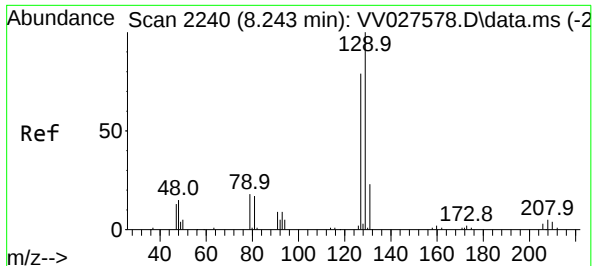
Tgt Ion: 75 Resp: 1088

Ion Ratio Lower Upper

75 100

77 51.8 22.9 42.5#





#49

Dibromochloromethane

Concen: 0.032 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027595.D

Acq: 30 Aug 2022 18:54

Instrument :

MSVOA_V

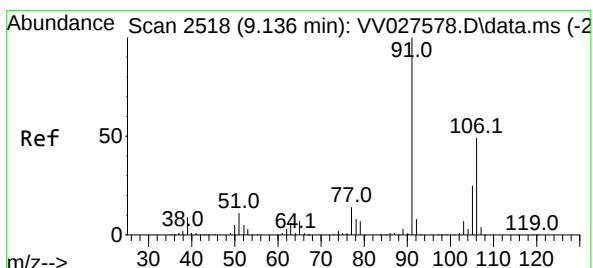
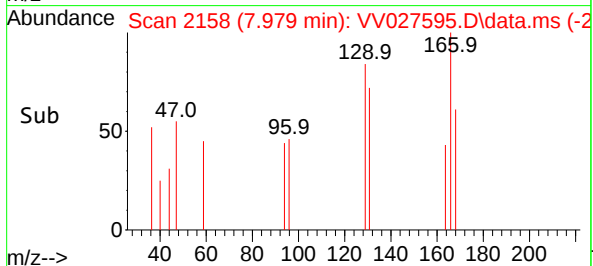
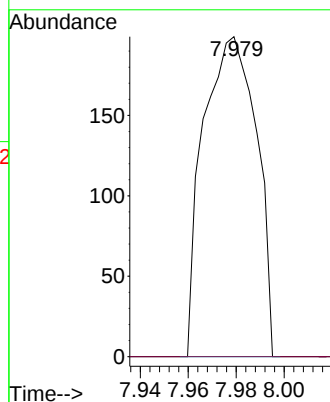
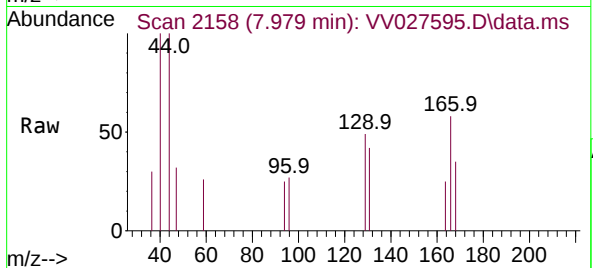
ClientSampleId :

Tgt Ion:129 Resp: 306

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#53

m,p-Xylene

Concen: 0.037 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV027595.D

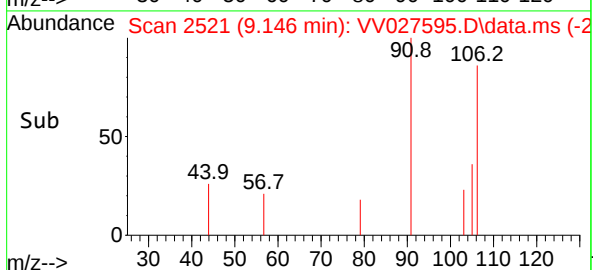
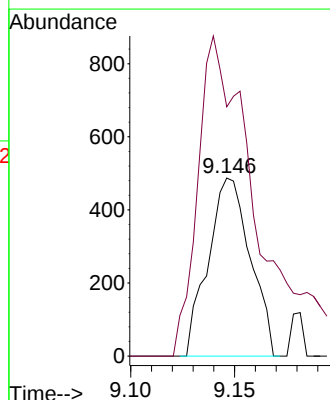
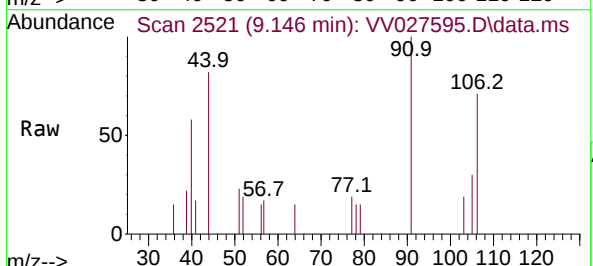
Acq: 30 Aug 2022 18:54

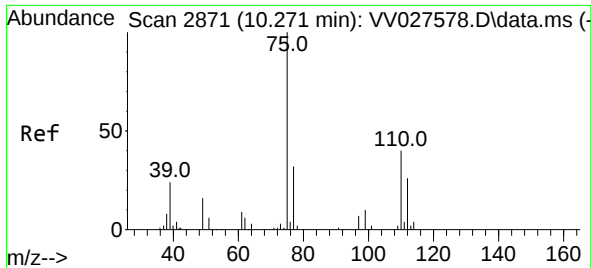
Tgt Ion:106 Resp: 687

Ion Ratio Lower Upper

106 100

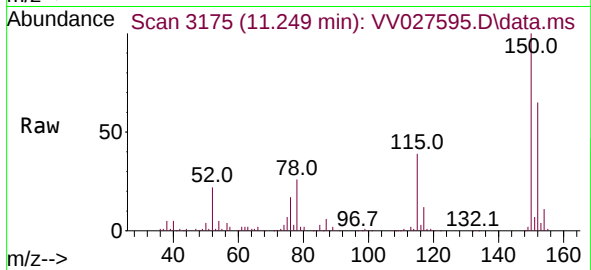
91 140.0 143.8 267.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.483 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV027595.D
 Acq: 30 Aug 2022 18:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.2	39.2
110	2.9	29.9	44.9#

