

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034238.D
 Acq On : 19 Feb 2024 13:03
 Operator : SY/MD
 Sample : P1503-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 20 03:27:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

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

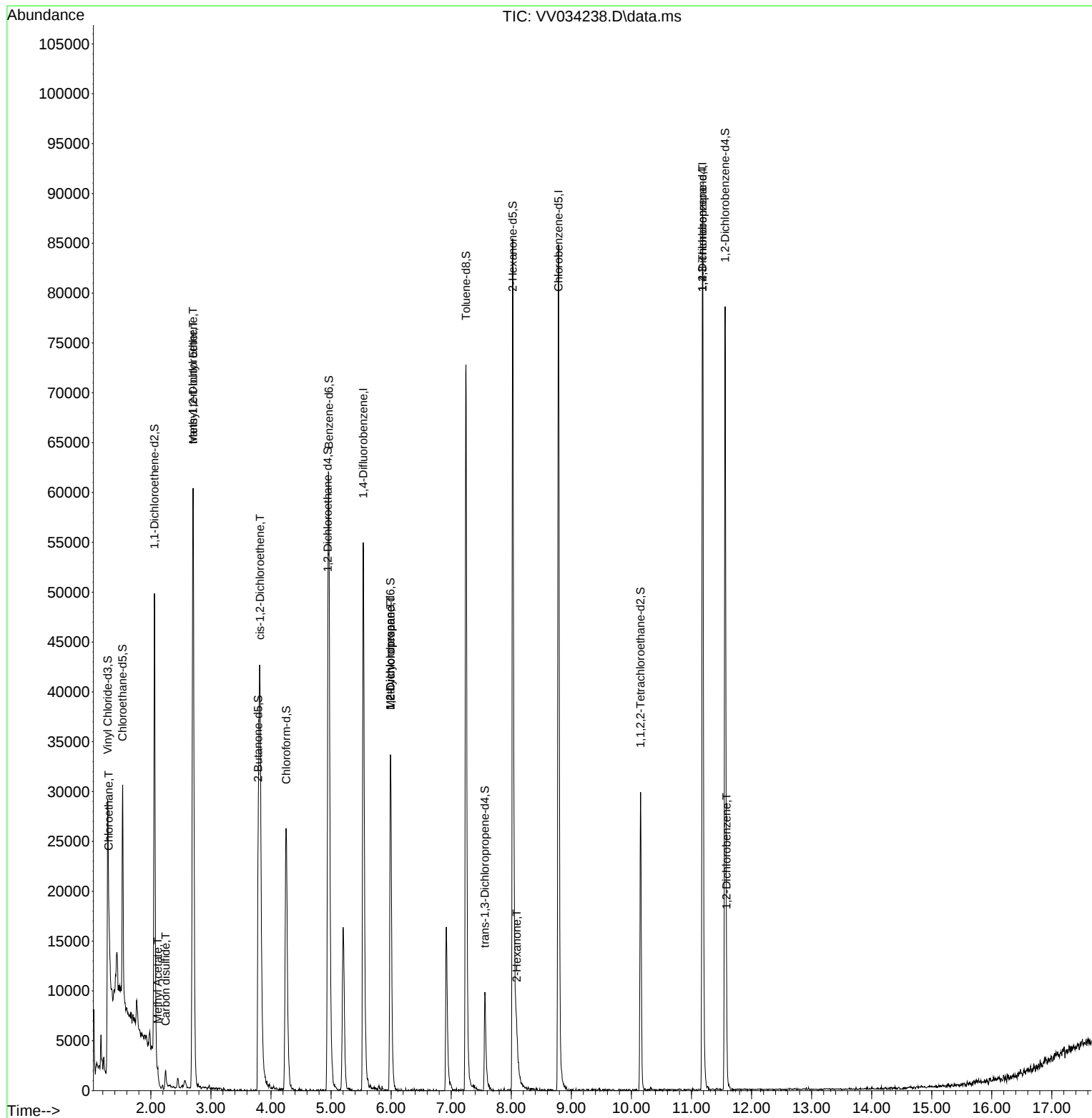
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	49416	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	47423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	23508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	15924	4.161	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.529	69	13087	3.904	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.059	65	7674	4.158	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	3.786	46	36699	57.096	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.200%	
24) Chloroform-d	4.252	84	30385	4.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	4.947	65	17772	5.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
32) Benzene-d6	4.963	84	55589	3.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	5.989	67	15648	3.934	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.600%	
41) Toluene-d8	7.246	98	50704	3.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	7.561	79	6814	4.537	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.024	63	27599	51.481	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.960%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	13824	5.733	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	19797	4.631	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.297	64	26635	8.272	ug/L #	51
14) Carbon disulfide	2.246	76	2763	0.247	ug/L	96
15) Methyl Acetate	2.117	43	1122	0.972	ug/L #	53
17) Methyl tert-butyl Ether	2.703	73	59451	8.382	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	805	0.229	ug/L	82
22) cis-1,2-Dichloroethene	3.818	96	18988	4.760	ug/L	99
35) Methylcyclohexane	5.989	83	3919	0.607	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	2132	0.619	ug/L #	87
48) 2-Hexanone	8.091	43	4189	3.602	ug/L #	80
61) 1,2,3-Trichloropropane	11.184	75	2718	1.682	ug/L #	63
67) 1,2-Dichlorobenzene	11.583	146	1430	0.220	ug/L	94

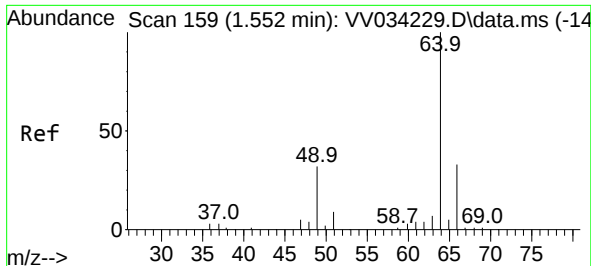
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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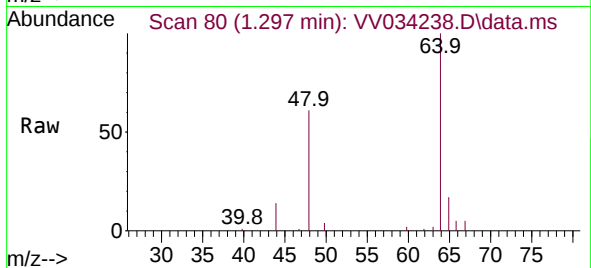
Quant Time: Feb 20 03:27:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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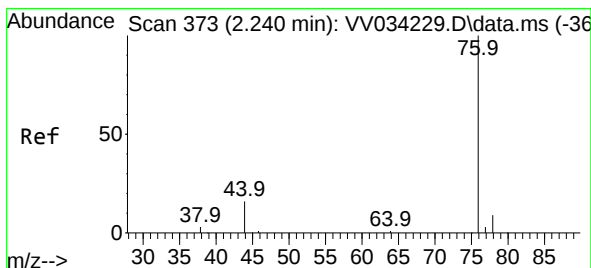
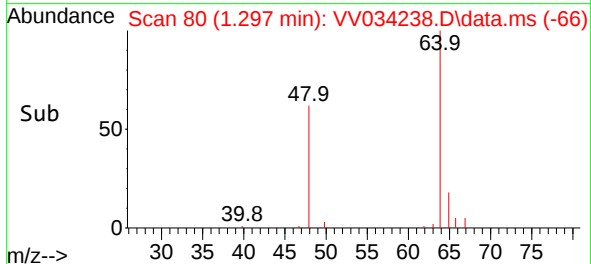
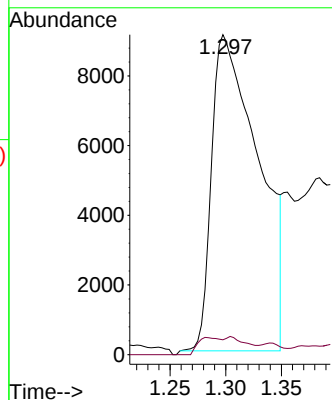


#8
Chloroethane
Concen: 8.272 ug/L
RT: 1.297 min Scan# 80
Delta R.T. -0.254 min
Lab File: VV034238.D
Acq: 19 Feb 2024 13:03

Instrument :
MSVOA_V
ClientSampleId :

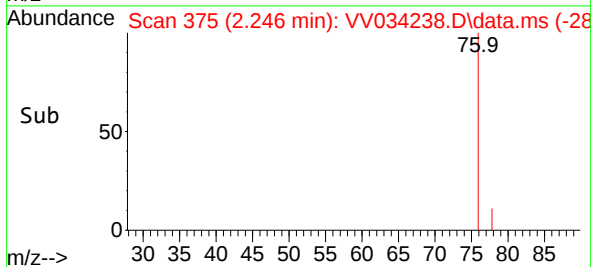
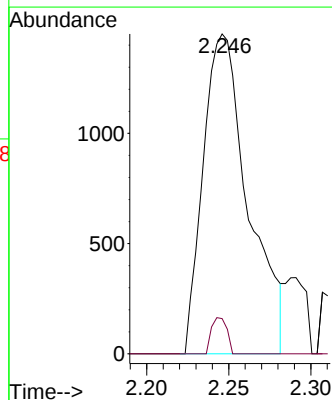
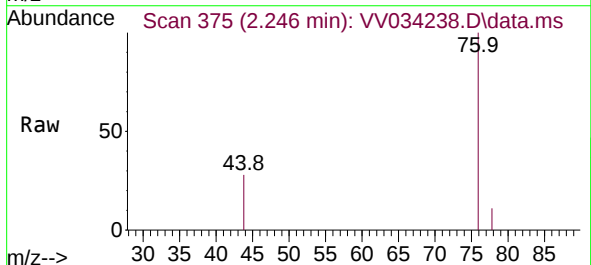


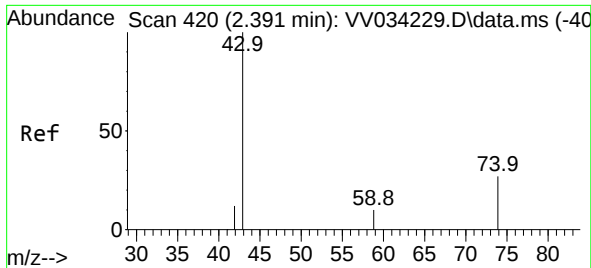
Tgt Ion: 64 Resp: 26635
Ion Ratio Lower Upper
64 100
66 4.6 22.0 41.0#



#14
Carbon disulfide
Concen: 0.247 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.006 min
Lab File: VV034238.D
Acq: 19 Feb 2024 13:03

Tgt Ion: 76 Resp: 2763
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3

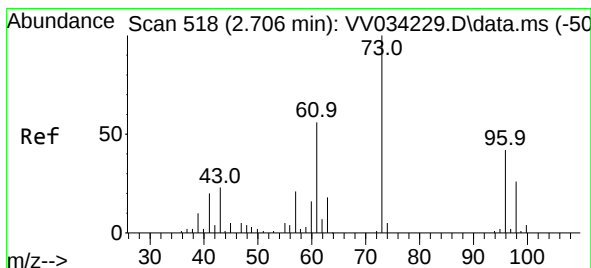
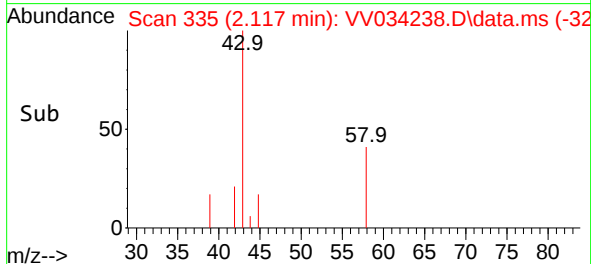
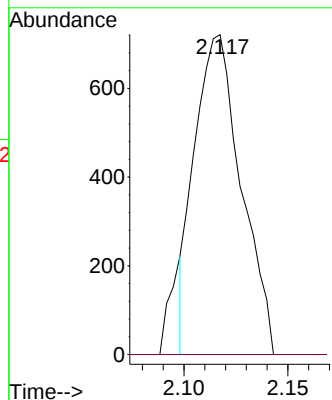
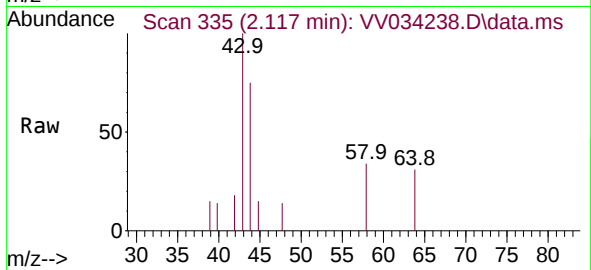




#15
Methyl Acetate
Concen: 0.972 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.274 min
Lab File: VV034238.D
Acq: 19 Feb 2024 13:03

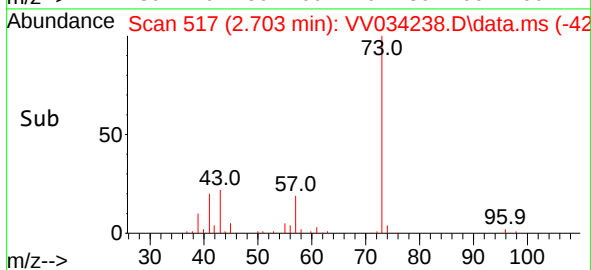
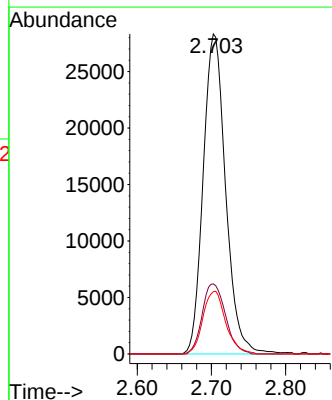
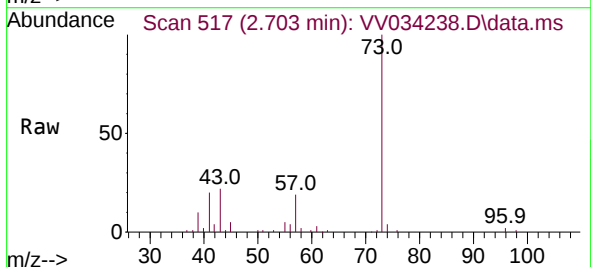
Instrument :
MSVOA_V
ClientSampleId :

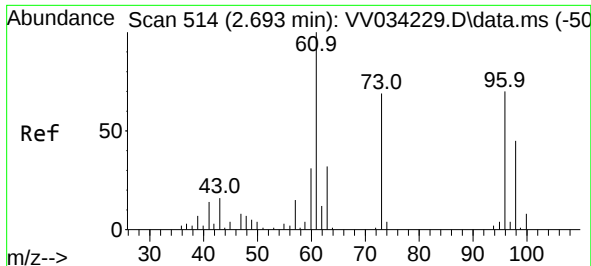
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 8.382 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV034238.D
Acq: 19 Feb 2024 13:03

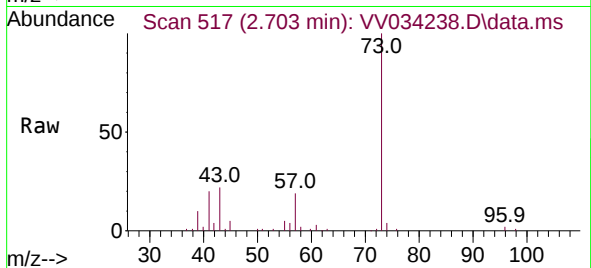
Tgt Ion: 73 Resp: 59451
Ion Ratio Lower Upper
73 100
43 22.7 17.7 26.5
57 19.9 17.9 26.9



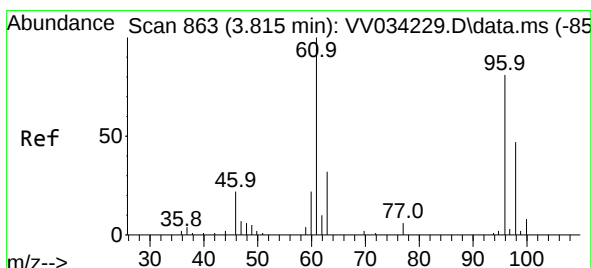
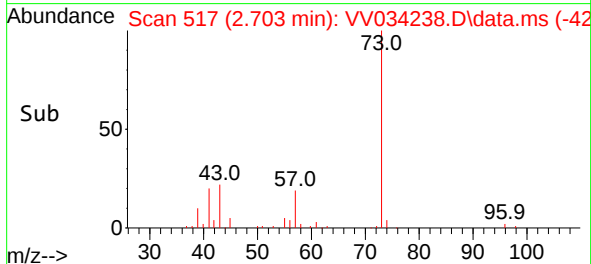
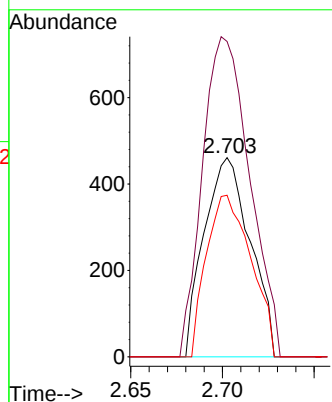


#18
trans-1,2-Dichloroethene
Concen: 0.229 ug/L
RT: 2.703 min Scan# 514
Delta R.T. 0.009 min
Lab File: VV034238.D
Acq: 19 Feb 2024 13:03

Instrument :
MSVOA_V
ClientSampleId :

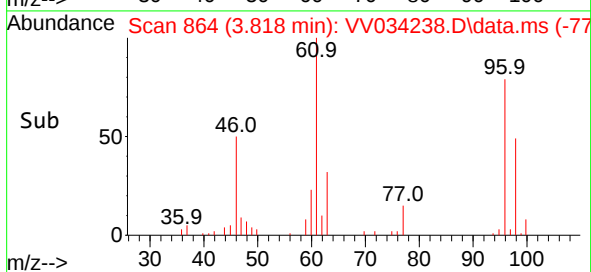
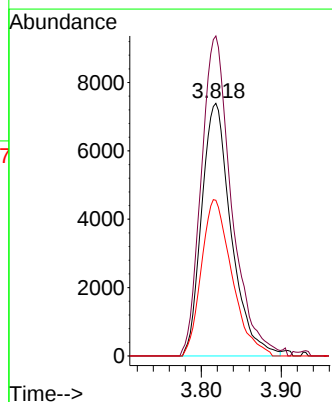
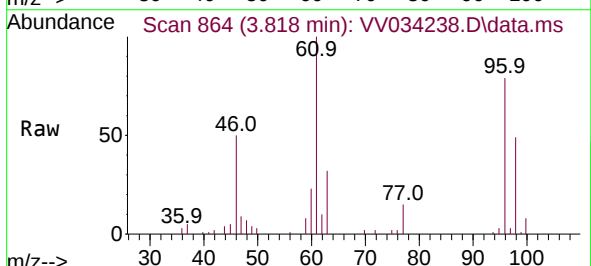


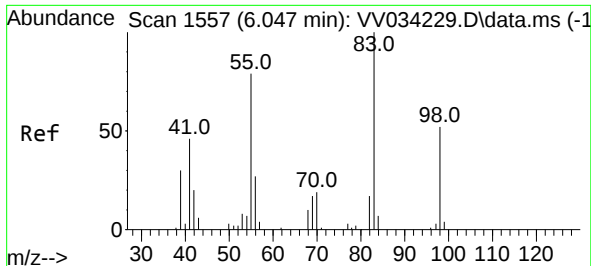
Tgt Ion: 96 Resp: 805
Ion Ratio Lower Upper
96 100
61 158.4 97.6 181.4
98 81.1 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 4.760 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034238.D
Acq: 19 Feb 2024 13:03

Tgt Ion: 96 Resp: 18988
Ion Ratio Lower Upper
96 100
61 126.6 90.3 167.7
98 61.6 43.2 80.2

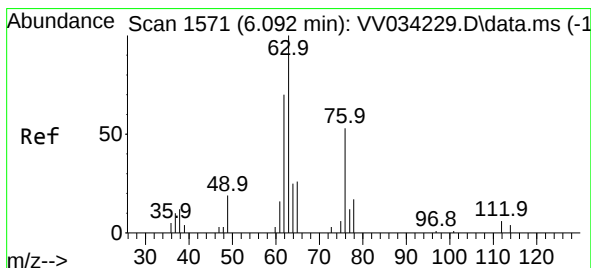
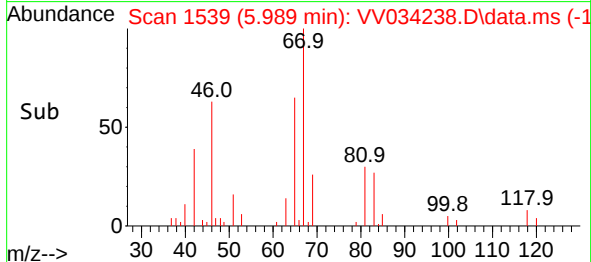
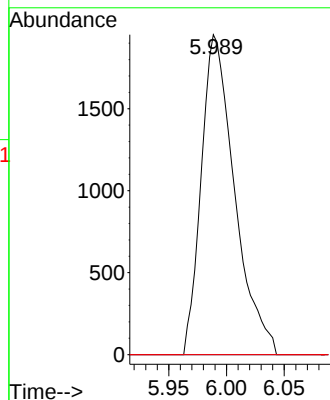
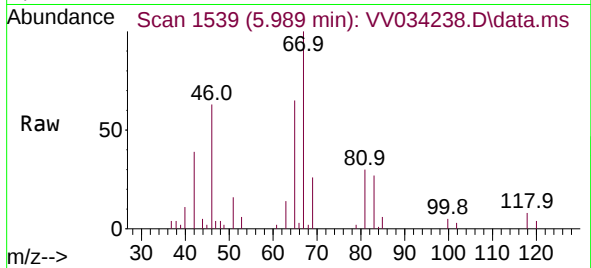




#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034238.D
Acq: 19 Feb 2024 13:03

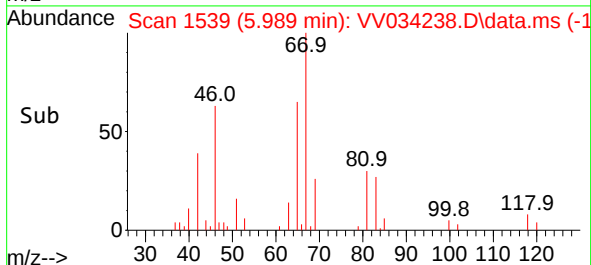
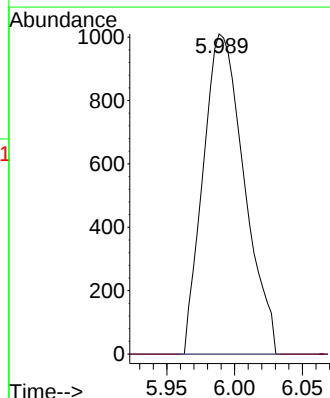
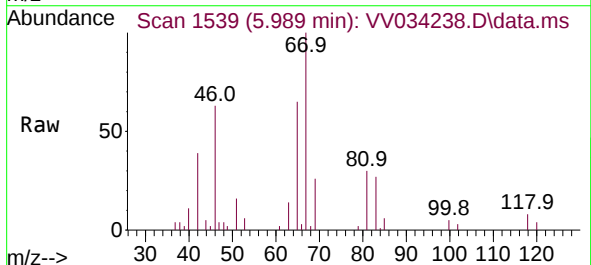
Instrument :
MSVOA_V
ClientSampleId :

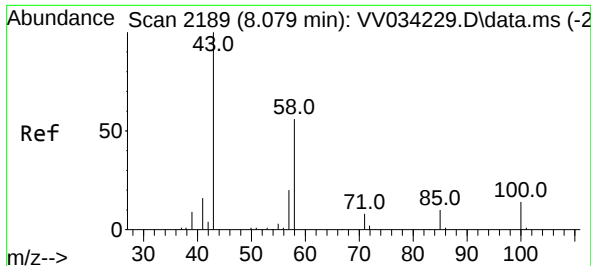
Tgt Ion: 83 Resp: 3919
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV034238.D
Acq: 19 Feb 2024 13:03

Tgt Ion: 63 Resp: 2132
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#48

2-Hexanone

Concen: 3.602 ug/L

RT: 8.091 min Scan# 2189

Delta R.T. 0.013 min

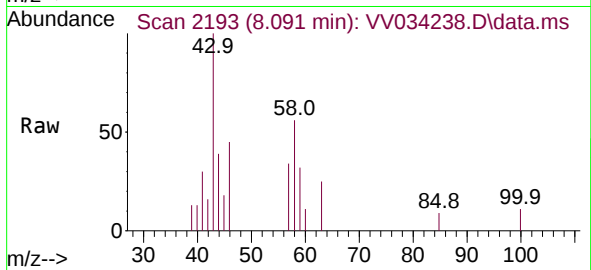
Lab File: VV034238.D

Acq: 19 Feb 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4189

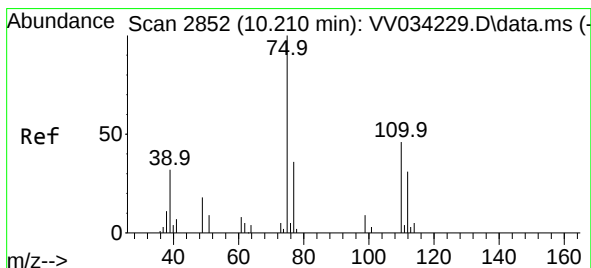
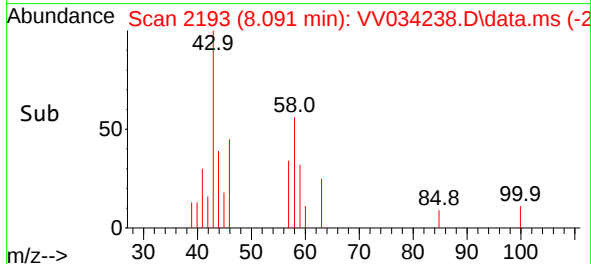
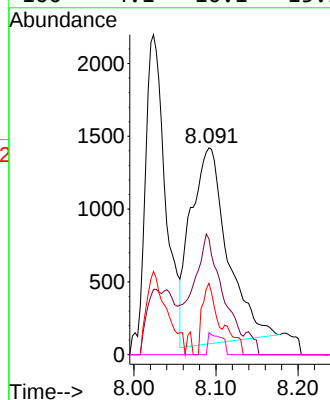
Ion Ratio Lower Upper

43 100

58 37.6 42.6 64.0#

57 13.7 15.5 23.3#

100 4.1 10.1 15.1#



#61

1,2,3-Trichloropropane

Concen: 1.682 ug/L

RT: 11.184 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034238.D

Acq: 19 Feb 2024 13:03

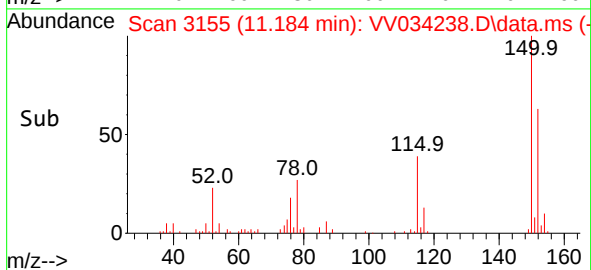
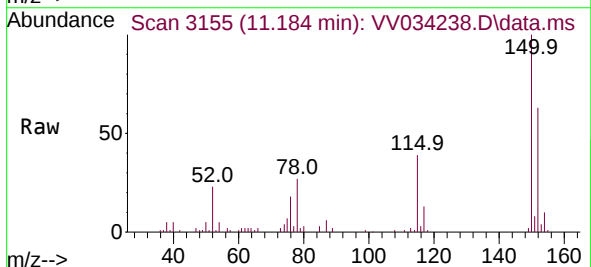
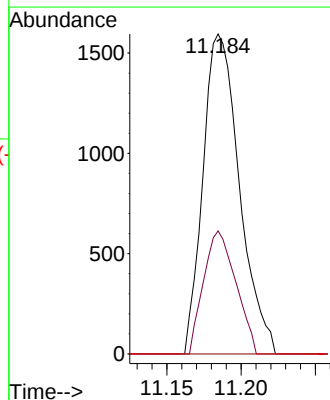
Tgt Ion: 75 Resp: 2718

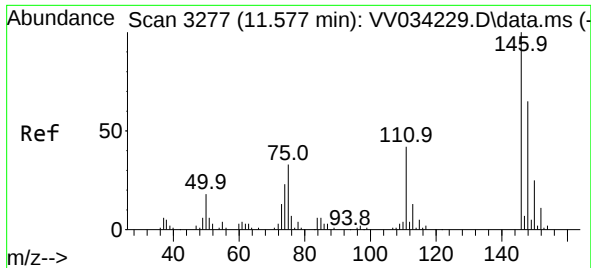
Ion Ratio Lower Upper

75 100

77 34.0 26.9 40.3

110 0.0 33.3 49.9#





#67

1,2-Dichlorobenzene

Concen: 0.220 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.006 min

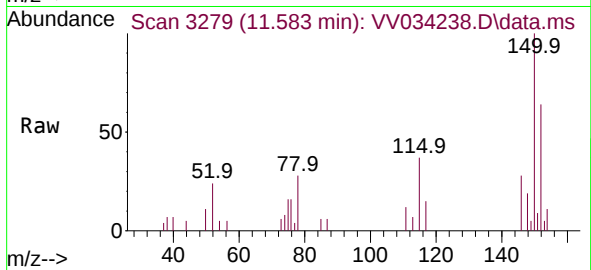
Lab File: VV034238.D

Acq: 19 Feb 2024 13:03

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Tgt Ion:146 Resp: 1430

Ion Ratio Lower Upper

146 100

111 43.2 31.2 46.8

148 66.8 49.8 74.8

