

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034090.D
 Acq On : 09 Feb 2024 04:09
 Operator : SY/MD
 Sample : P1402-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 04:49:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

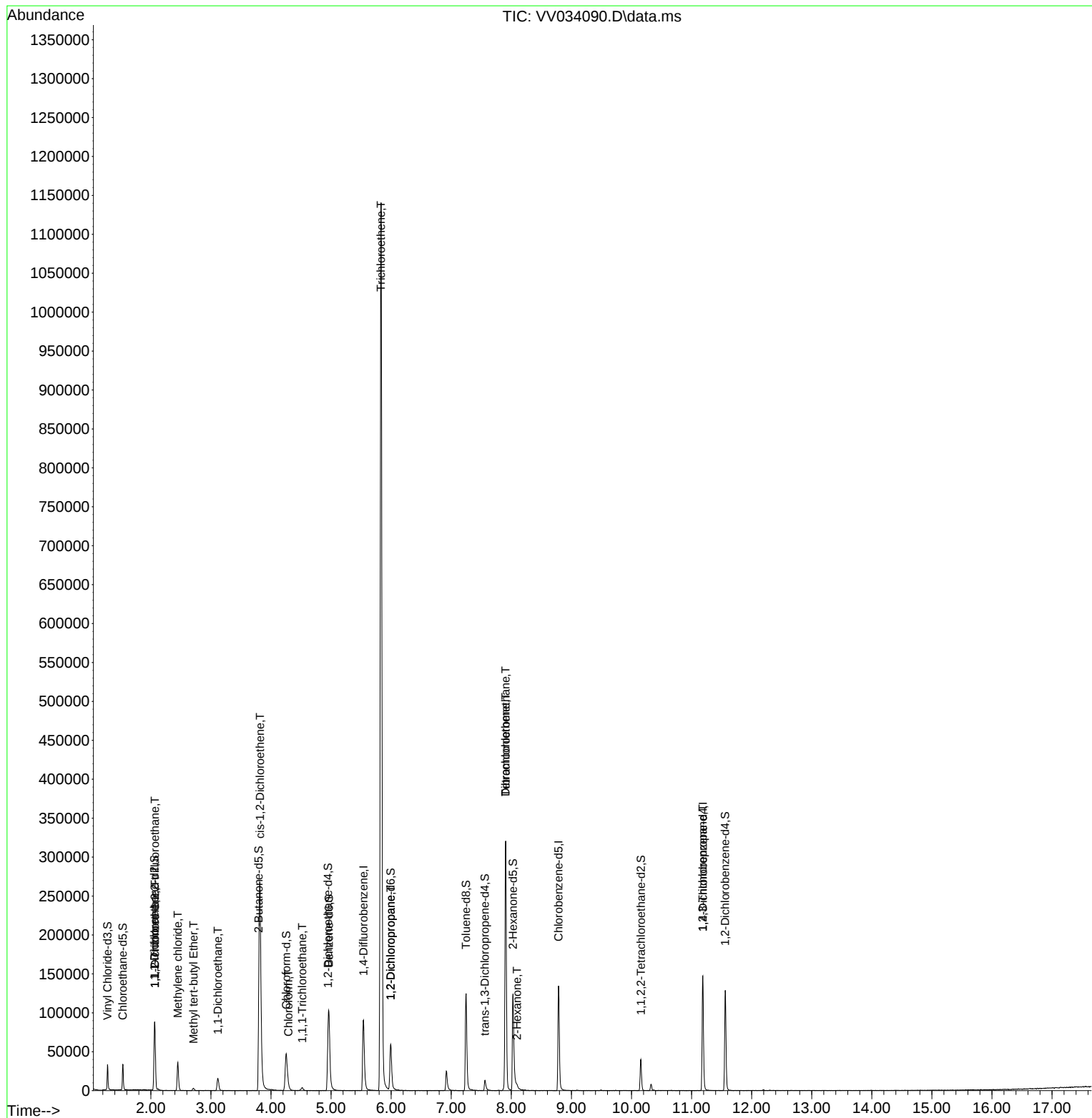
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79463	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38748	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20172	3.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.532	69	19783	3.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.060	65	10959	3.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.796	46	54270	52.507	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.020%
24) Chloroform-d	4.252	84	49806	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.947	65	25944	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.963	84	93342	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.992	67	26954	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.246	98	82192	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.561	79	8802	3.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.027	63	44326	53.142	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18089	4.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	33294	4.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1817	0.318	ug/L #	83
12) 1,1-Dichloroethene	2.069	96	8989	1.619	ug/L #	39
16) Methylene chloride	2.449	84	14493	2.721	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	2923	0.256	ug/L #	94
19) 1,1-Dichloroethane	3.114	63	16082	1.548	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	136355	21.256	ug/L	97
25) Chloroform	4.288	83	4579	0.436	ug/L	93
29) 1,1,1-Trichloroethane	4.519	97	3345	0.338	ug/L	94
34) Trichloroethene	5.831	95	380538	59.416	ug/L	98
37) 1,2-Dichloropropane	5.992	63	3501	0.653	ug/L #	87
47) Tetrachloroethene	7.905	164	67219	12.917	ug/L	95
48) 2-Hexanone	8.095	43	4907	2.712	ug/L #	86
49) Dibromochloromethane	7.905	129	59050	15.012	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4893	1.837	ug/L #	62

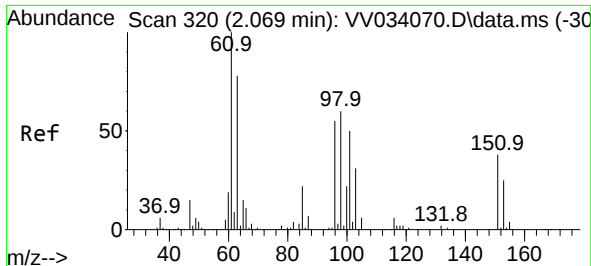
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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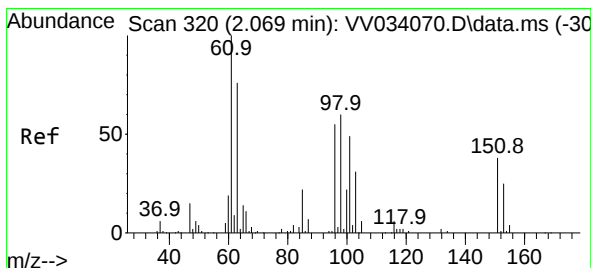
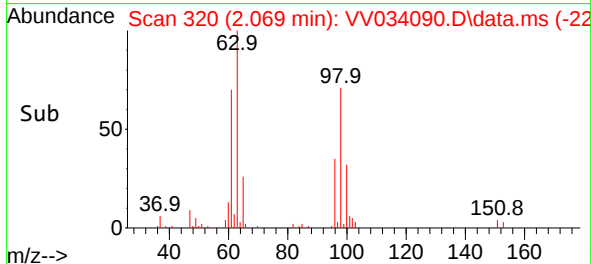
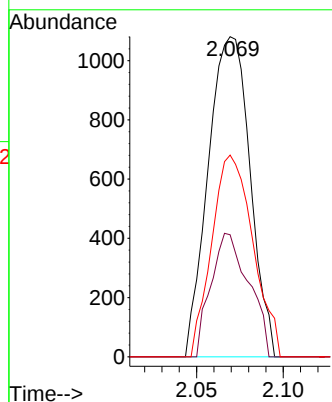
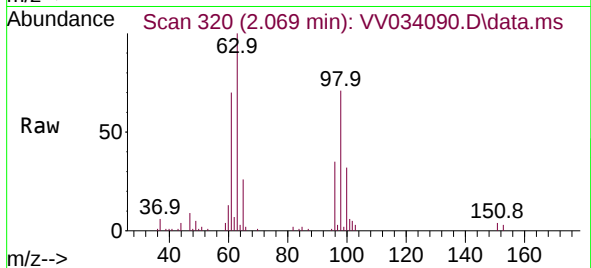




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.318 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034090.D
 Acq: 09 Feb 2024 04:09

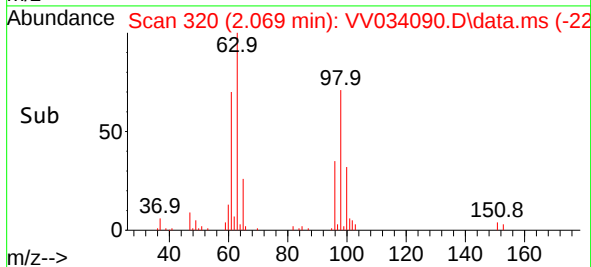
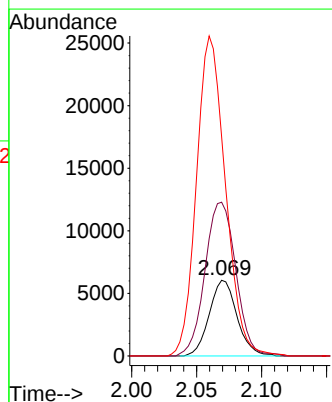
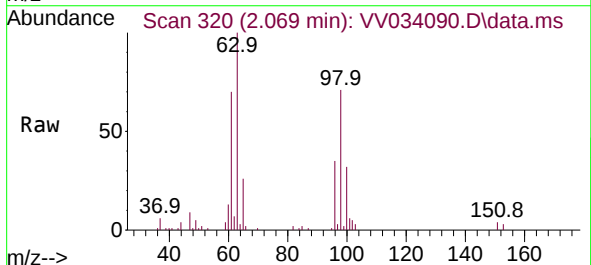
Instrument :
 MSVOA_V
 ClientSampleId :

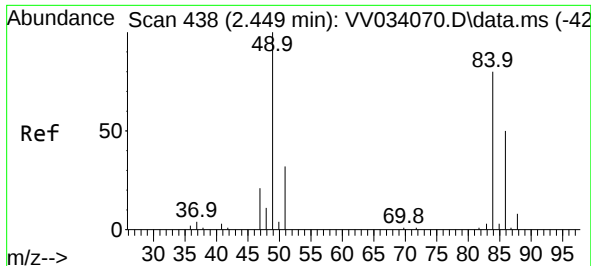
Tgt Ion:101 Resp: 1817
 Ion Ratio Lower Upper
 101 100
 85 34.9 37.1 55.7#
 151 62.1 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 1.619 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034090.D
 Acq: 09 Feb 2024 04:09

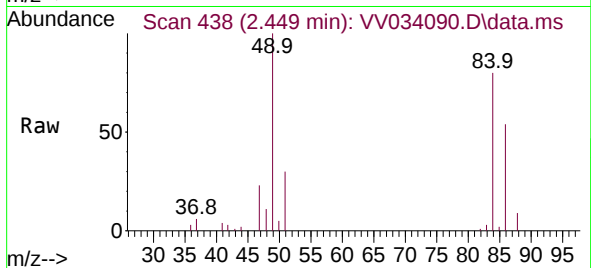
Tgt Ion: 96 Resp: 8989
 Ion Ratio Lower Upper
 96 100
 61 203.2 128.8 239.2
 63 289.5 97.9 181.9#



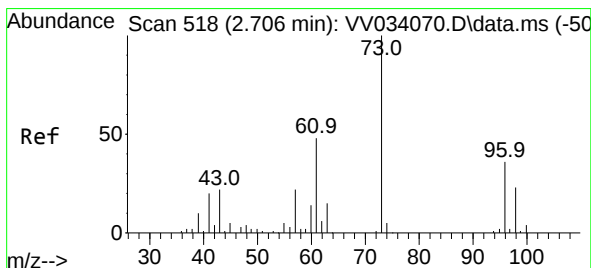
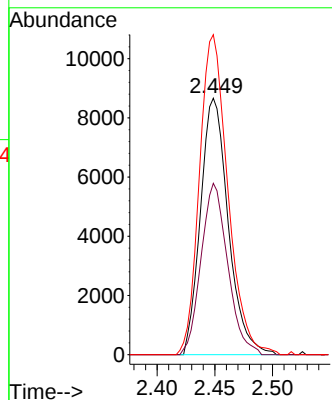
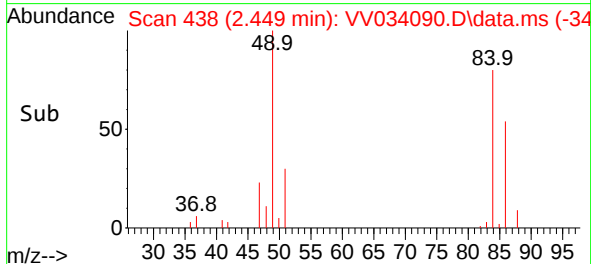


#16
Methylene chloride
Concen: 2.721 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034090.D
Acq: 09 Feb 2024 04:09

Instrument :
MSVOA_V
ClientSampleId :

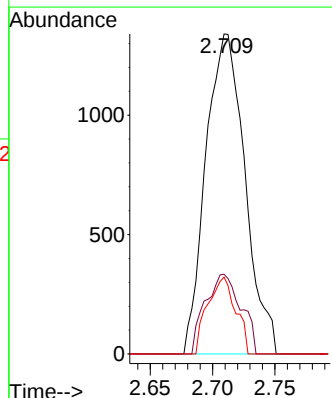
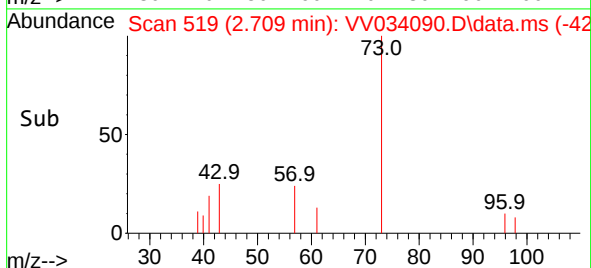
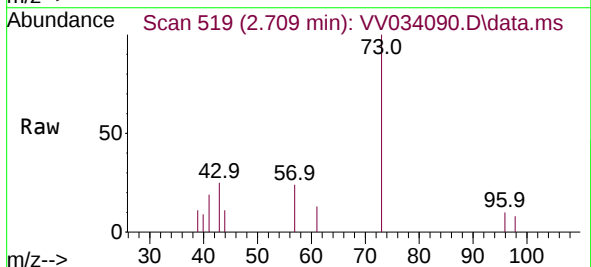


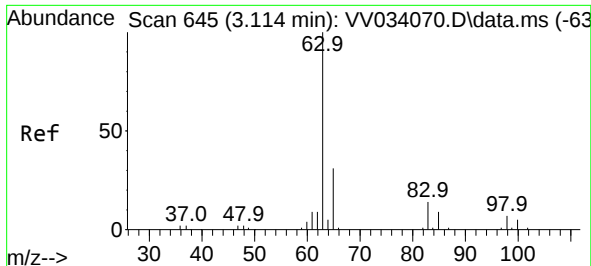
Tgt Ion: 84 Resp: 14493
Ion Ratio Lower Upper
84 100
86 66.8 44.7 83.1
49 124.7 93.7 173.9



#17
Methyl tert-butyl Ether
Concen: 0.256 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV034090.D
Acq: 09 Feb 2024 04:09

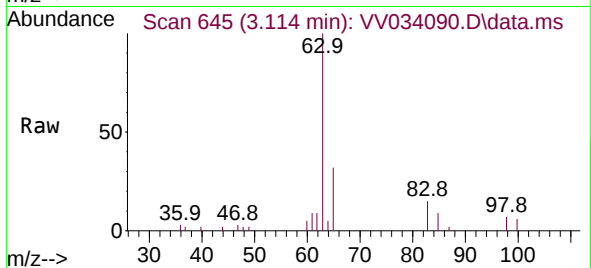
Tgt Ion: 73 Resp: 2923
Ion Ratio Lower Upper
73 100
43 22.7 17.7 26.5
57 17.3 17.9 26.9#



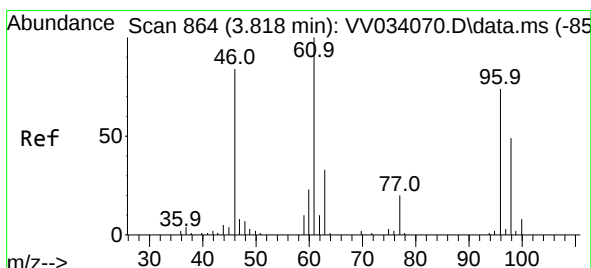
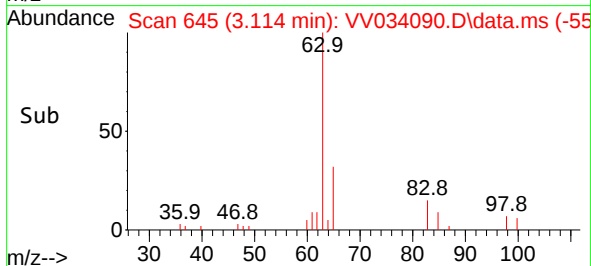
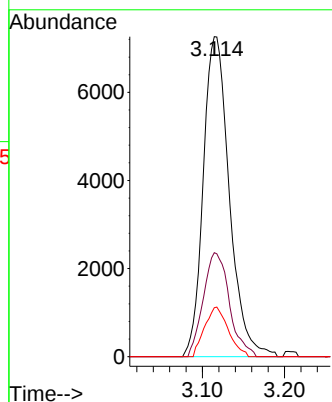


#19
1,1-Dichloroethane
Concen: 1.548 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV034090.D
Acq: 09 Feb 2024 04:09

Instrument :
MSVOA_V
ClientSampleId :

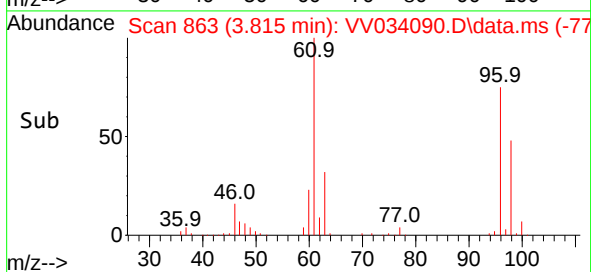
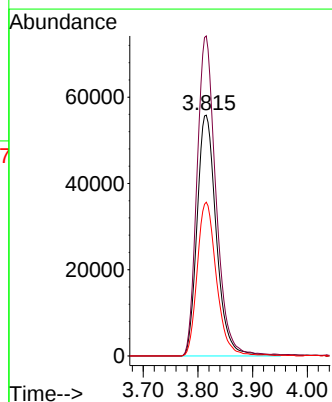
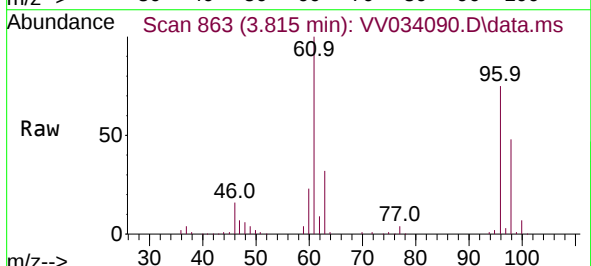


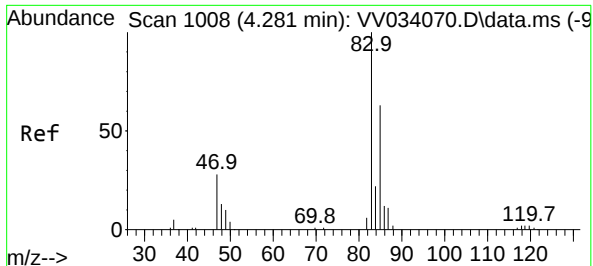
Tgt Ion:	63	Resp:	16082
Ion	Ratio	Lower	Upper
63	100		
65	32.5	20.8	38.6
83	15.3	9.4	17.4



#22
cis-1,2-Dichloroethene
Concen: 21.256 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV034090.D
Acq: 09 Feb 2024 04:09

Tgt Ion:	96	Resp:	136355
Ion	Ratio	Lower	Upper
96	100		
61	132.8	90.3	167.7
98	63.9	43.2	80.2

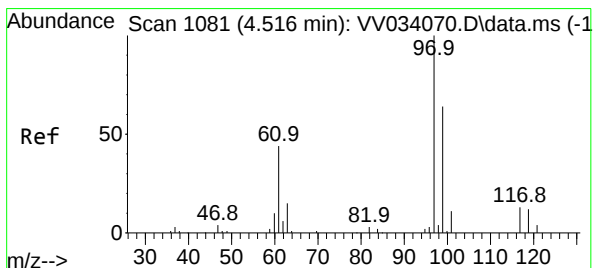
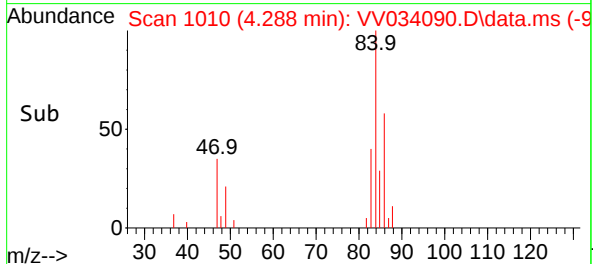
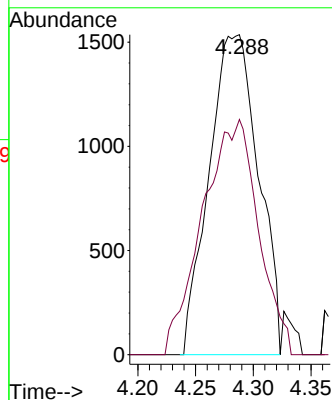
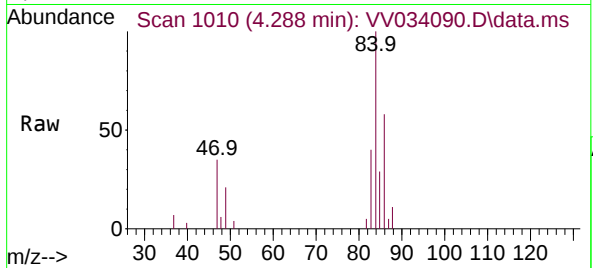




#25
Chloroform
Concen: 0.436 ug/L
RT: 4.288 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV034090.D
Acq: 09 Feb 2024 04:09

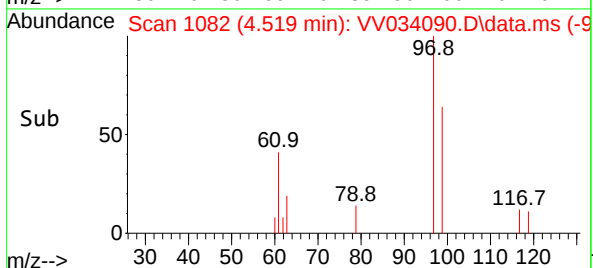
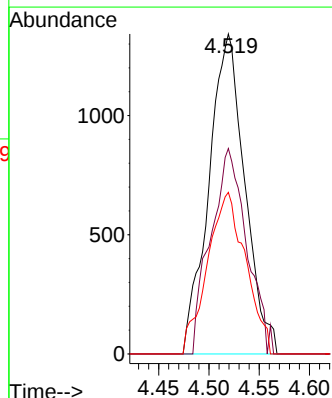
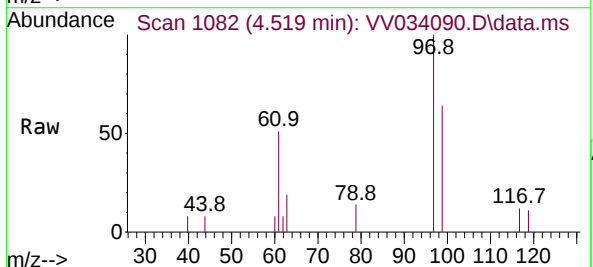
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MSVOA_V
ClientSampleId :

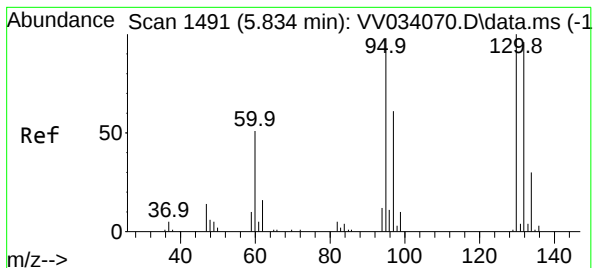
Tgt Ion: 83 Resp: 4579
Ion Ratio Lower Upper
83 100
85 73.5 47.5 88.1



#29
1,1,1-Trichloroethane
Concen: 0.338 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.003 min
Lab File: VV034090.D
Acq: 09 Feb 2024 04:09

Tgt Ion: 97 Resp: 3345
Ion Ratio Lower Upper
97 100
99 64.3 50.6 75.8
61 53.6 36.8 55.2





#34

Trichloroethene

Concen: 59.416 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034090.D

Acq: 09 Feb 2024 04:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 380538

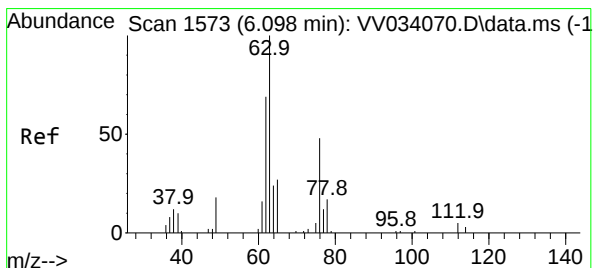
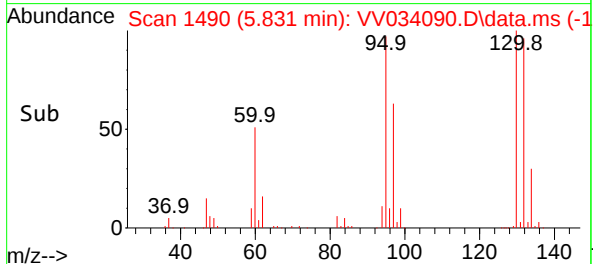
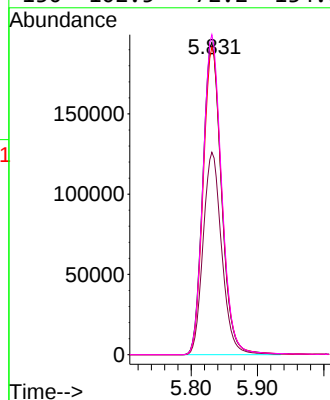
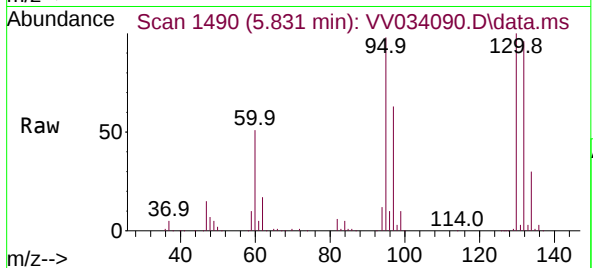
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.7

132 98.5 66.0 122.6

130 102.5 72.2 134.0



#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.106 min

Lab File: VV034090.D

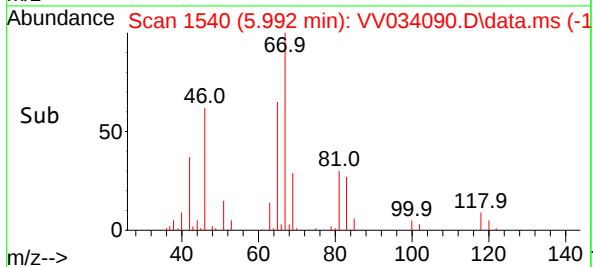
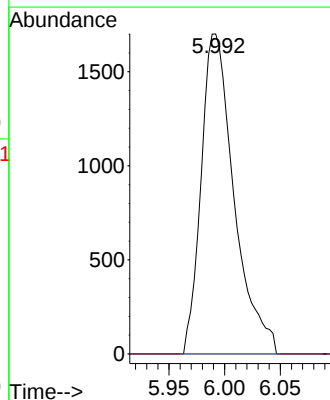
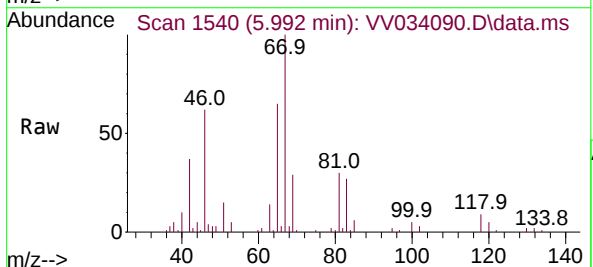
Acq: 09 Feb 2024 04:09

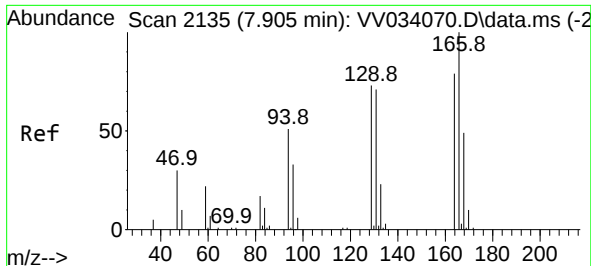
Tgt Ion: 63 Resp: 3501

Ion Ratio Lower Upper

63 100

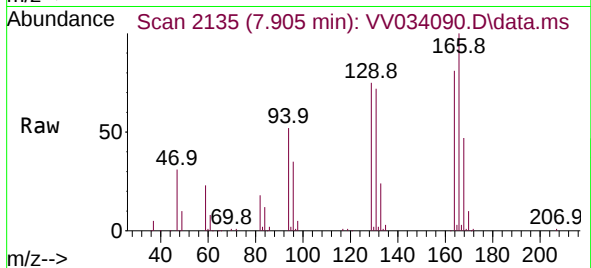
112 0.0 3.4 5.0#



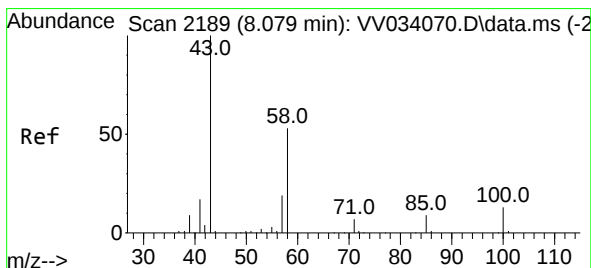
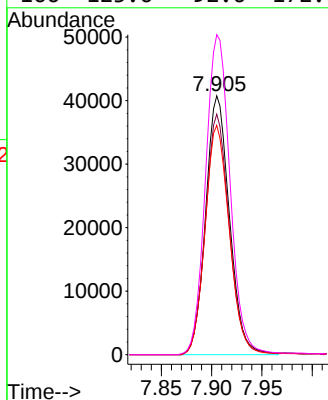
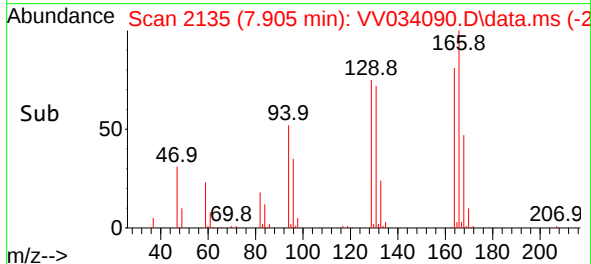


#47
Tetrachloroethene
Concen: 12.917 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034090.D
Acq: 09 Feb 2024 04:09

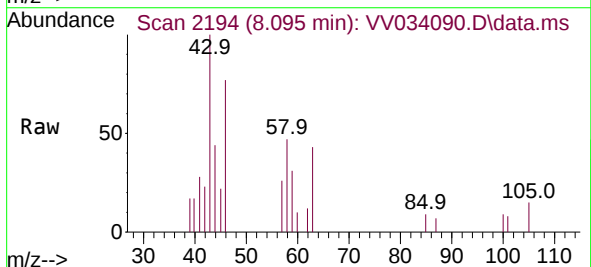
Instrument :
MSVOA_V
ClientSampleId :



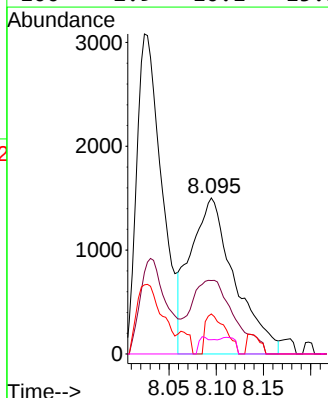
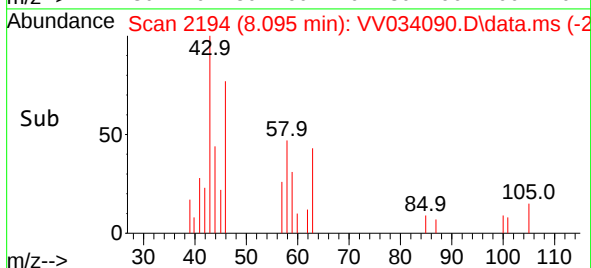
Tgt Ion:164 Resp: 67219
Ion Ratio Lower Upper
164 100
129 92.9 67.8 125.8
131 88.6 63.0 117.0
166 123.6 92.6 172.0

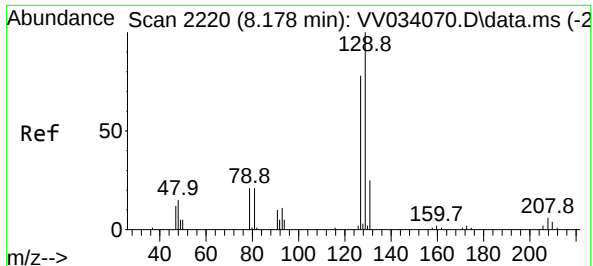


#48
2-Hexanone
Concen: 2.712 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.016 min
Lab File: VV034090.D
Acq: 09 Feb 2024 04:09



Tgt Ion: 43 Resp: 4907
Ion Ratio Lower Upper
43 100
58 45.9 42.6 64.0
57 11.6 15.5 23.3#
100 2.9 10.1 15.1#





#49

Dibromochloromethane

Concen: 15.012 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.273 min

Lab File: VV034090.D

Acq: 09 Feb 2024 04:09

Instrument :

MSVOA_V

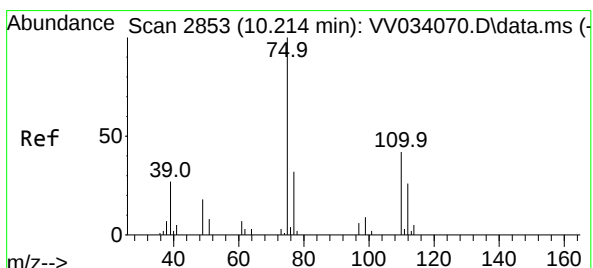
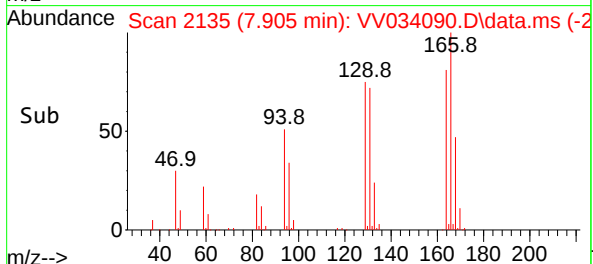
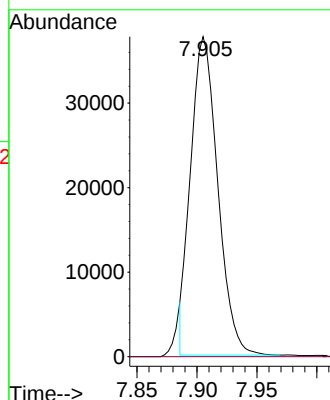
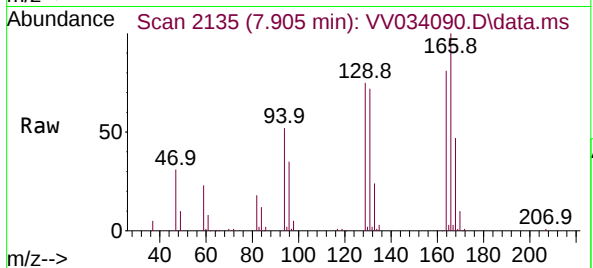
ClientSampleId :

Tgt Ion:129 Resp: 59050

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.837 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.971 min

Lab File: VV034090.D

Acq: 09 Feb 2024 04:09

Tgt Ion: 75 Resp: 4893

Ion Ratio Lower Upper

75 100

77 37.4 26.9 40.3

110 1.3 33.3 49.9#

