

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034328.D
 Acq On : 21 Feb 2024 18:47
 Operator : SY/MD
 Sample : P1498-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:24:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

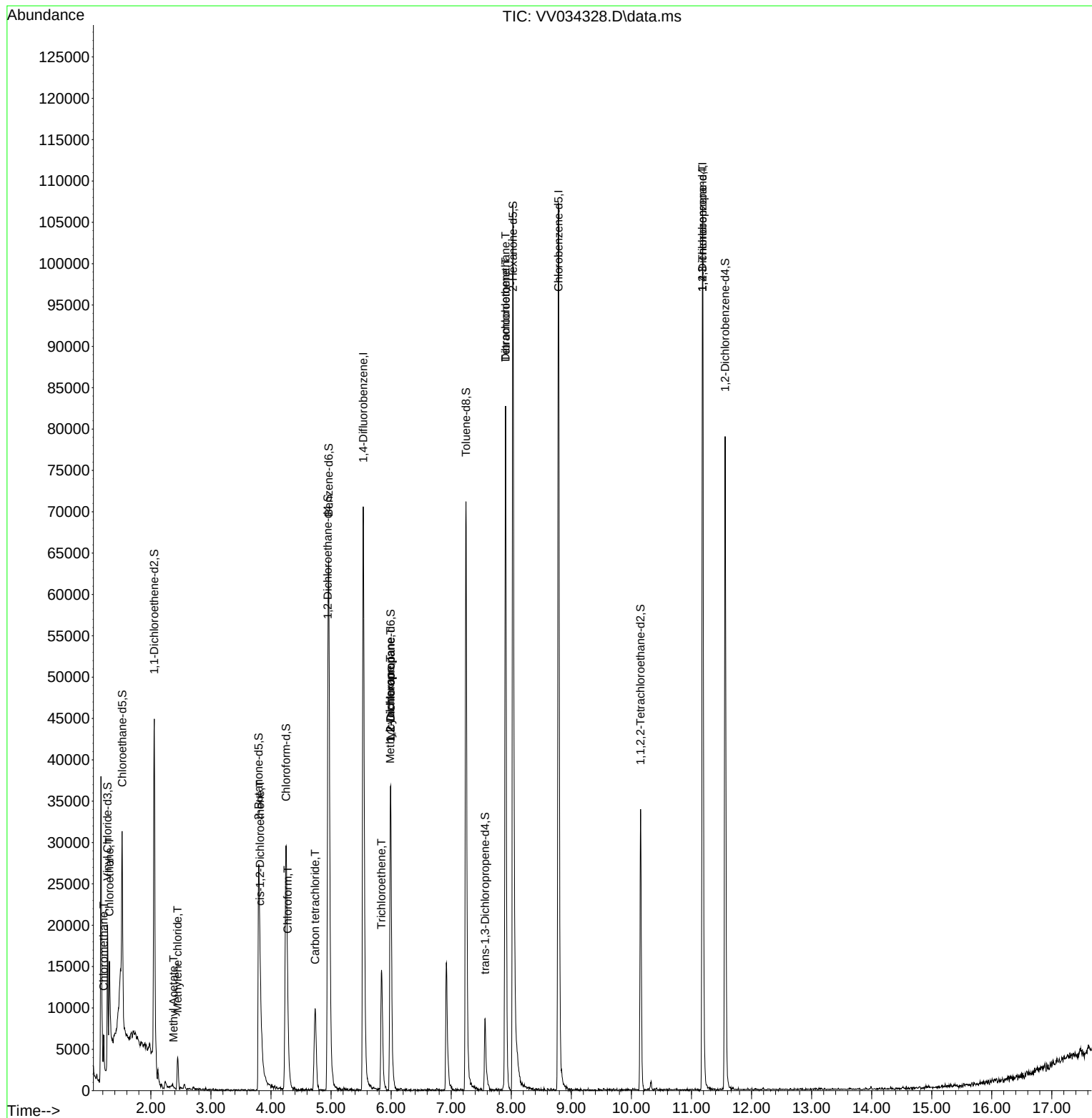
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	61815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	59316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	27971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	12645	2.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.800%
7) Chloroethane-d5	1.523	69	11521	2.747	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.000%#
11) 1,1-Dichloroethene-d2	2.056	65	6310	2.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	3.796	46	49140	61.117	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.240%
24) Chloroform-d	4.249	84	31343	3.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
26) 1,2-Dichloroethane-d4	4.947	65	18895	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.960	84	55463	3.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.400%#
36) 1,2-Dichloropropane-d6	5.992	67	17459	3.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.200%
41) Toluene-d8	7.246	98	48727	2.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.600%#
43) trans-1,3-Dichloroprop...	7.564	79	5828	3.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.027	63	37490	55.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.820%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15167	5.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	19932	3.918	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2944	0.476	ug/L	88
8) Chloroethane	1.311	64	15602	3.873	ug/L #	50
15) Methyl Acetate	2.378	43	407	0.282	ug/L #	53
16) Methylene chloride	2.446	84	1608	0.388	ug/L	92
22) cis-1,2-Dichloroethene	3.818	96	1031	0.207	ug/L	95
25) Chloroform	4.278	83	4032	0.494	ug/L	91
31) Carbon tetrachloride	4.735	117	7743	1.111	ug/L	98
34) Trichloroethene	5.838	95	5550	1.078	ug/L	93
35) Methylcyclohexane	5.986	83	4348	0.538	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	2159	0.501	ug/L #	87
47) Tetrachloroethene	7.905	164	16992	4.062	ug/L	96
49) Dibromochloromethane	7.905	129	16849	5.328	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	3424	1.781	ug/L #	62

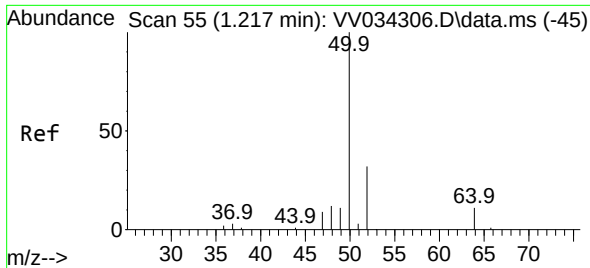
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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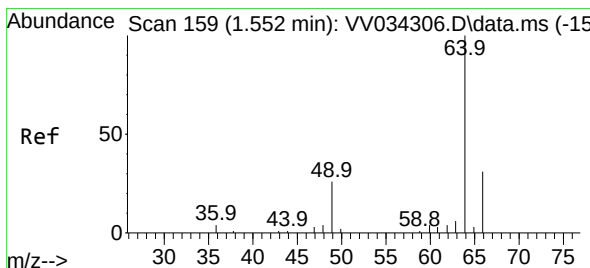
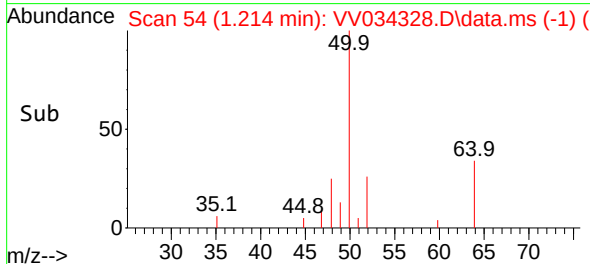
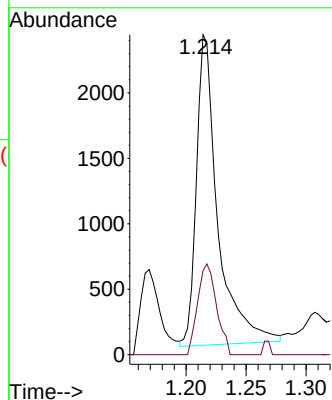
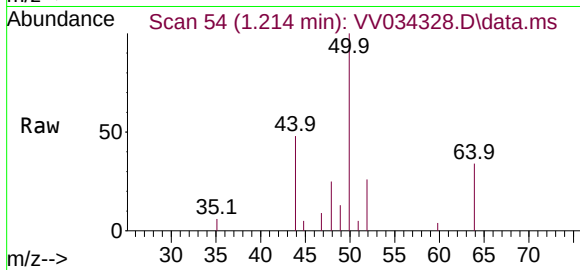




#3
Chloromethane
Concen: 0.476 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

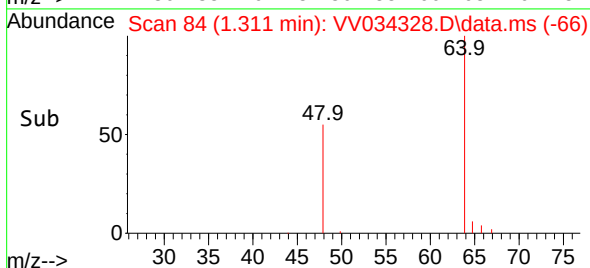
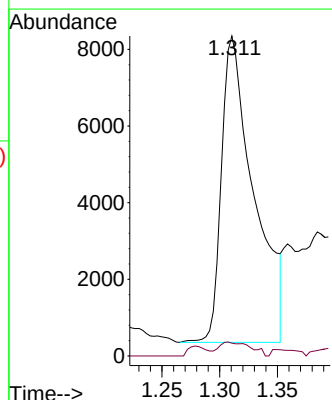
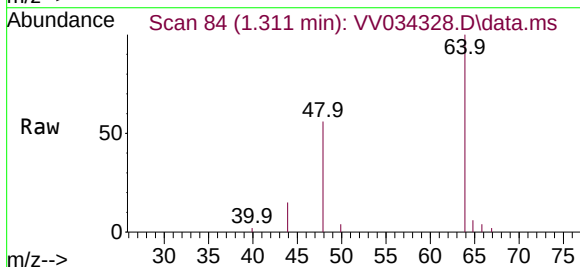
Instrument :
MSVOA_V
ClientSampleId :

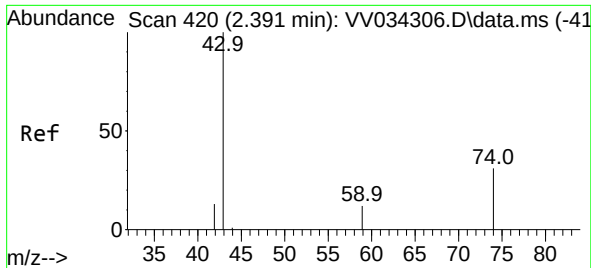
Tgt Ion: 50 Resp: 2944
Ion Ratio Lower Upper
50 100
52 26.3 23.4 43.4



#8
Chloroethane
Concen: 3.873 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.241 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

Tgt Ion: 64 Resp: 15602
Ion Ratio Lower Upper
64 100
66 3.8 22.0 41.0#

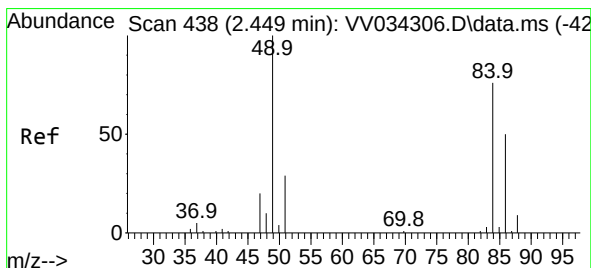
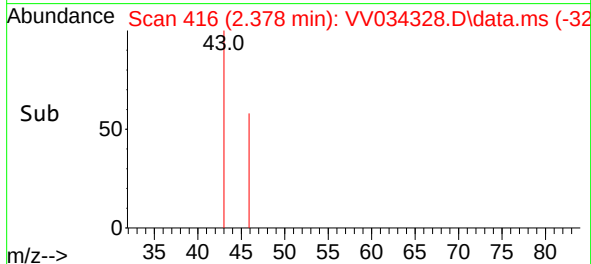
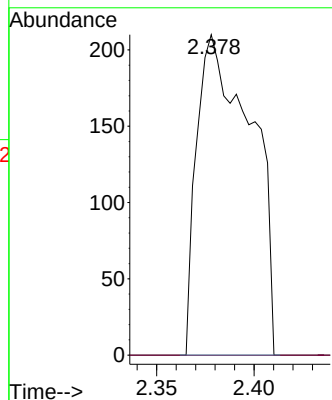
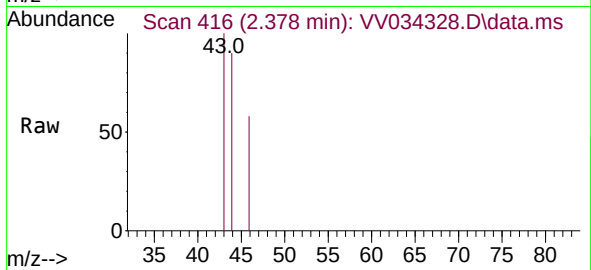




#15
Methyl Acetate
Concen: 0.282 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.013 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

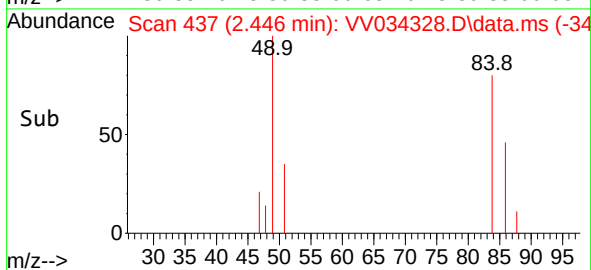
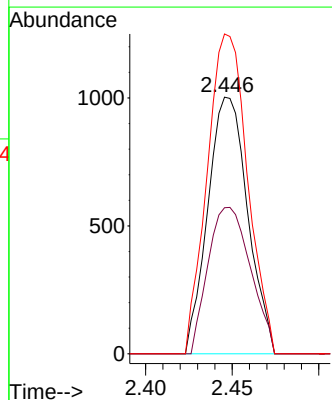
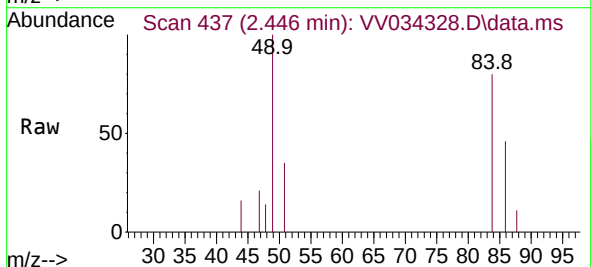
Instrument :
MSVOA_V
ClientSampleId :

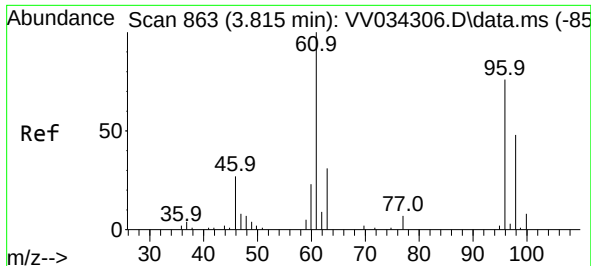
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#16
Methylene chloride
Concen: 0.388 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

Tgt Ion: 84 Resp: 1608
Ion Ratio Lower Upper
84 100
86 56.9 44.7 83.1
49 124.6 93.7 173.9

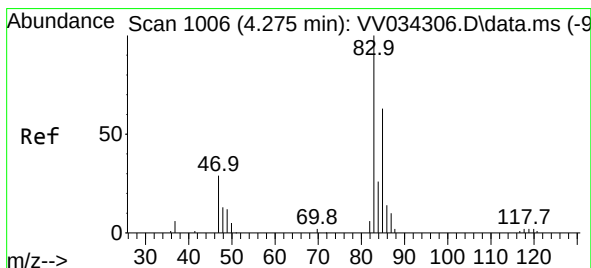
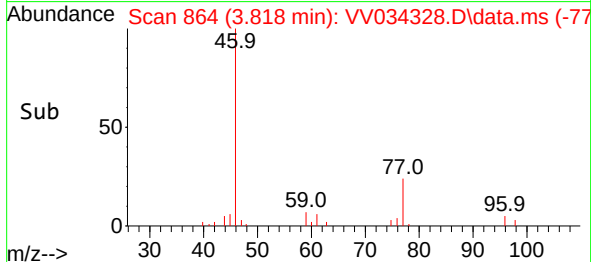
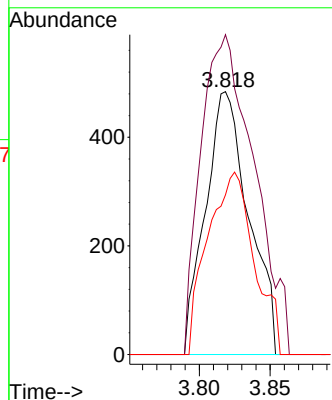
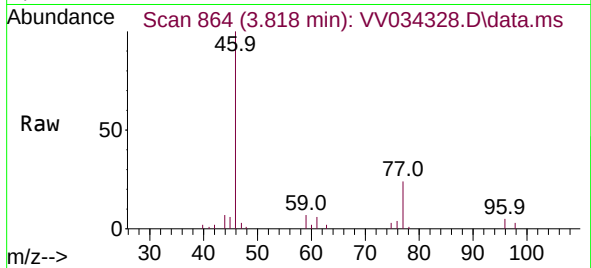




#22
cis-1,2-Dichloroethene
Concen: 0.207 ug/L
RT: 3.818 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

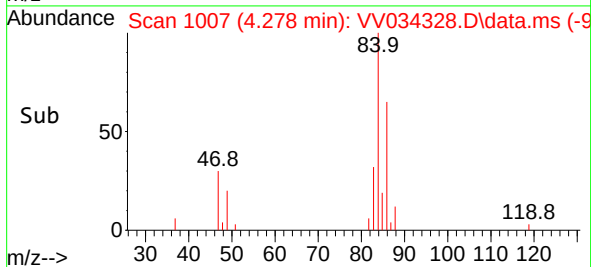
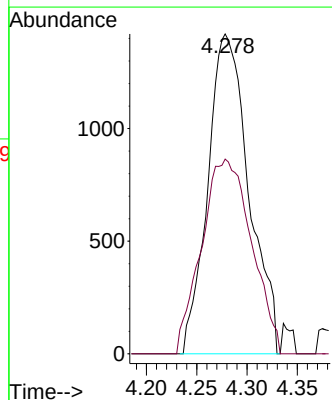
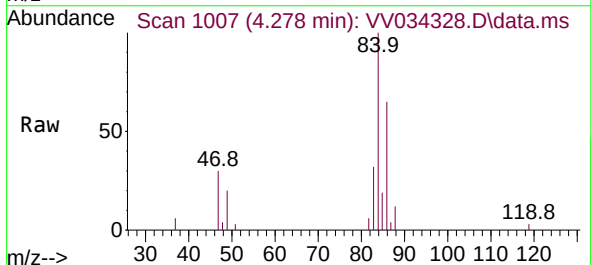
Instrument :
MSVOA_V
ClientSampleId :

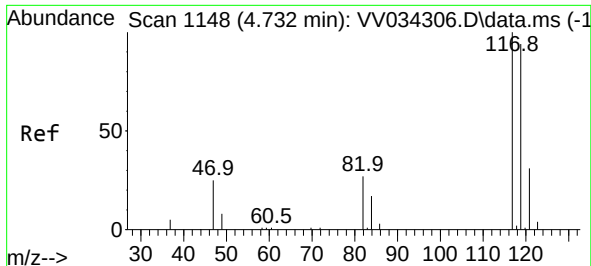
Tgt Ion: 96 Resp: 1031
Ion Ratio Lower Upper
96 100
61 121.7 90.3 167.7
98 60.7 43.2 80.2



#25
Chloroform
Concen: 0.494 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

Tgt Ion: 83 Resp: 4032
Ion Ratio Lower Upper
83 100
85 60.9 47.5 88.1

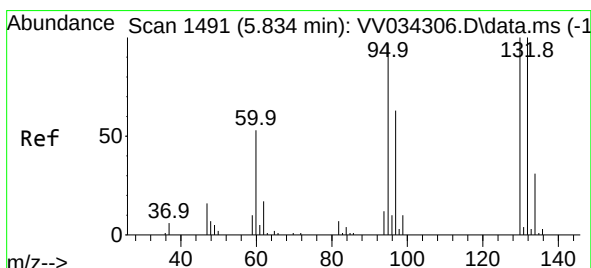
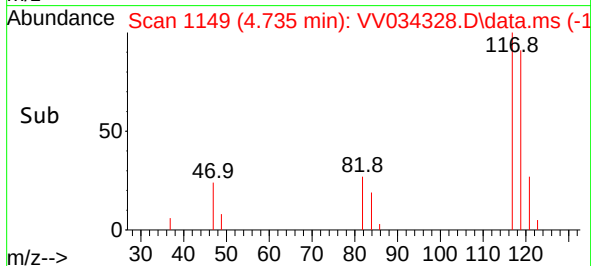
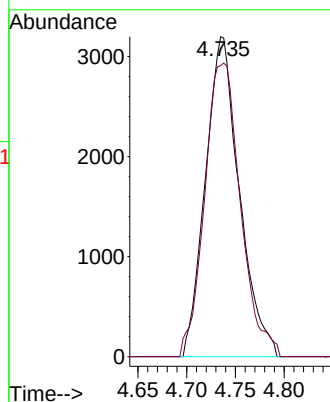
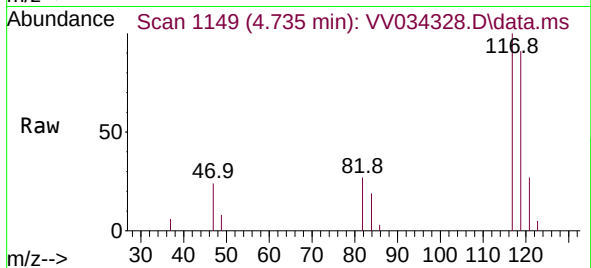




#31
Carbon tetrachloride
Concen: 1.111 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

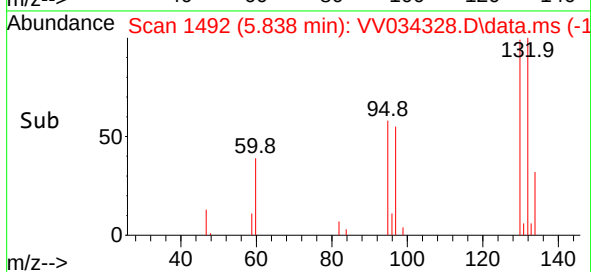
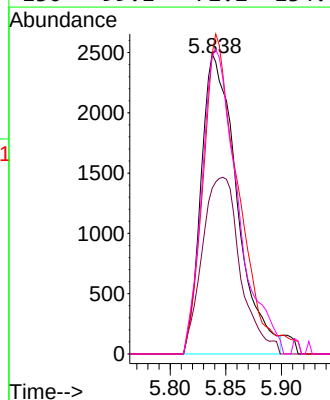
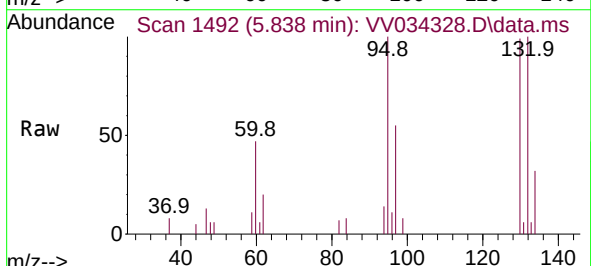
Instrument :
MSVOA_V
ClientSampleId :

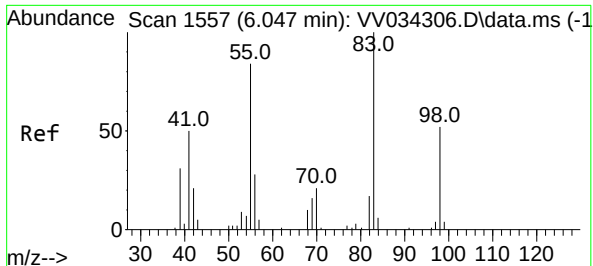
Tgt Ion:117 Resp: 7743
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1



#34
Trichloroethene
Concen: 1.078 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

Tgt Ion: 95 Resp: 5550
Ion Ratio Lower Upper
95 100
97 55.3 45.1 83.7
132 100.1 66.0 122.6
130 99.1 72.2 134.0





#35

Methylcyclohexane

Concen: 0.538 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.061 min

Lab File: VV034328.D

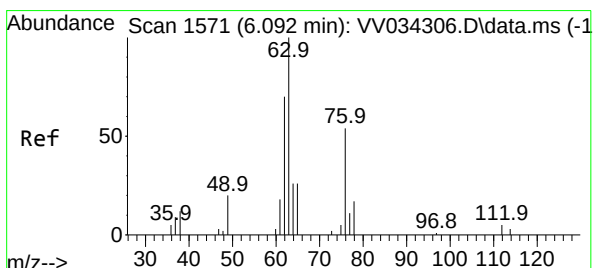
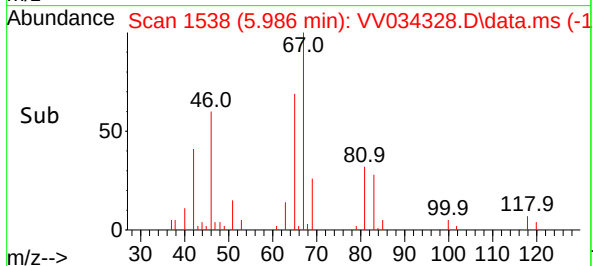
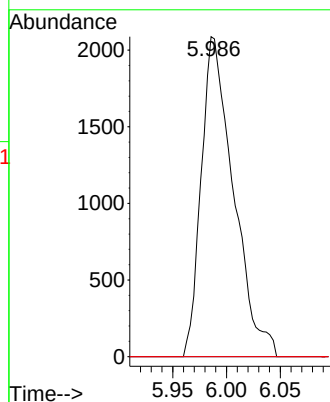
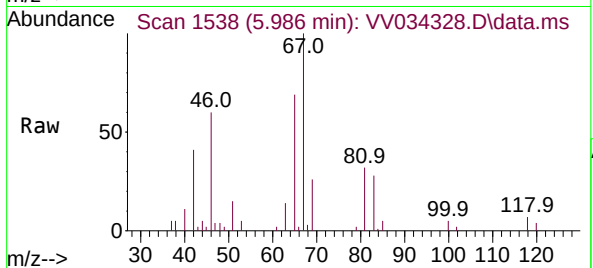
Acq: 21 Feb 2024 18:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	4348
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: 0.501 ug/L

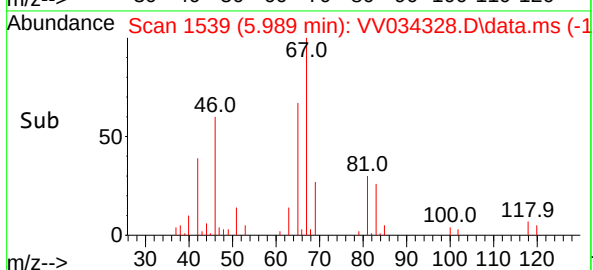
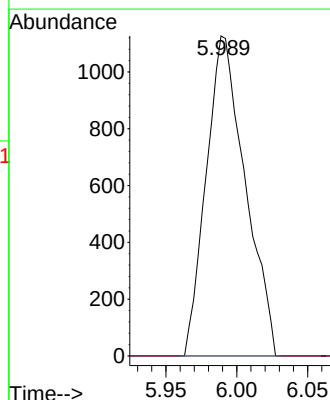
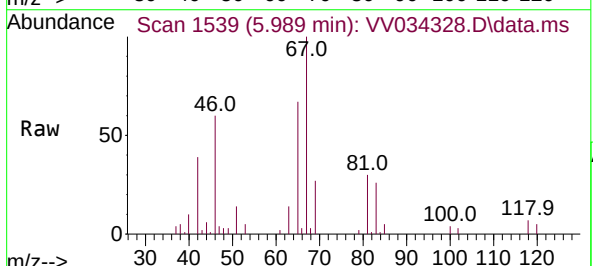
RT: 5.989 min Scan# 1539

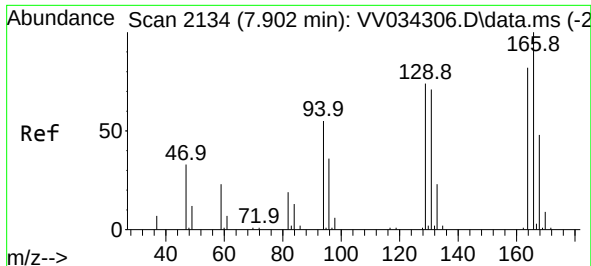
Delta R.T. -0.103 min

Lab File: VV034328.D

Acq: 21 Feb 2024 18:47

Tgt Ion:	63	Resp:	2159
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#47

Tetrachloroethene

Concen: 4.062 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV034328.D

Acq: 21 Feb 2024 18:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 16992

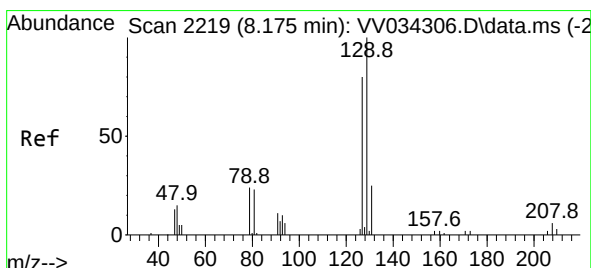
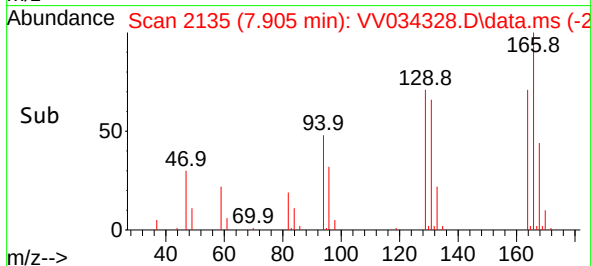
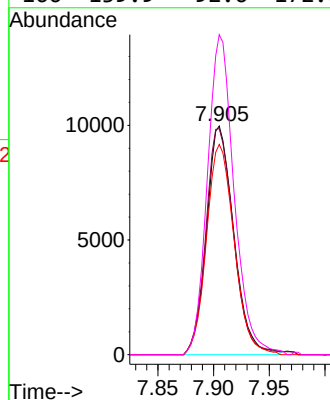
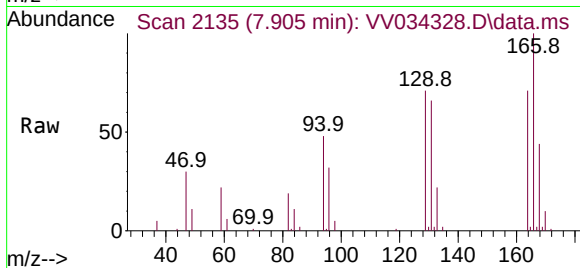
Ion Ratio Lower Upper

164 100

129 98.9 67.8 125.8

131 91.9 63.0 117.0

166 139.9 92.6 172.0



#49

Dibromochloromethane

Concen: 5.328 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034328.D

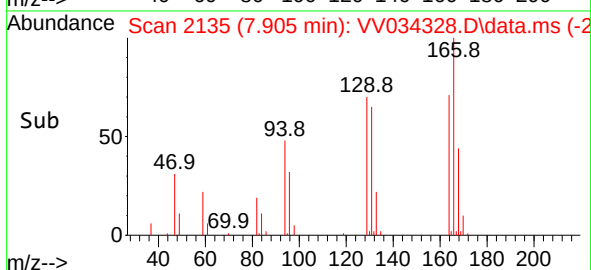
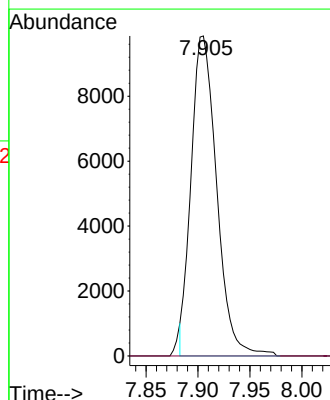
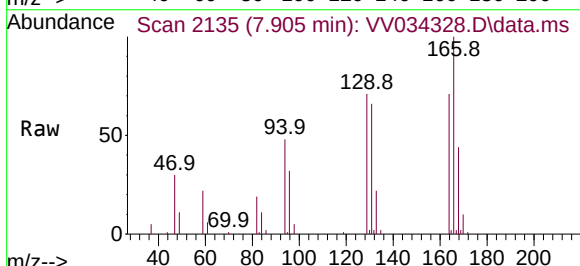
Acq: 21 Feb 2024 18:47

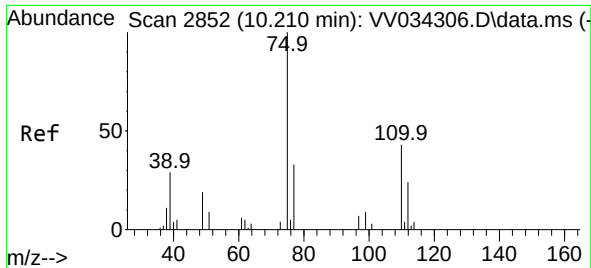
Tgt Ion:129 Resp: 16849

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.781 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

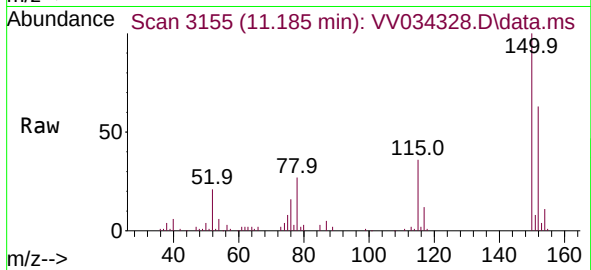
Lab File: VV034328.D

Acq: 21 Feb 2024 18:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 3424

Ion Ratio Lower Upper

75 100

77 35.9 26.9 40.3

110 0.0 33.3 49.9#

