

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034354.D
 Acq On : 22 Feb 2024 18:06
 Operator : SY/MD
 Sample : P1566-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:19:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

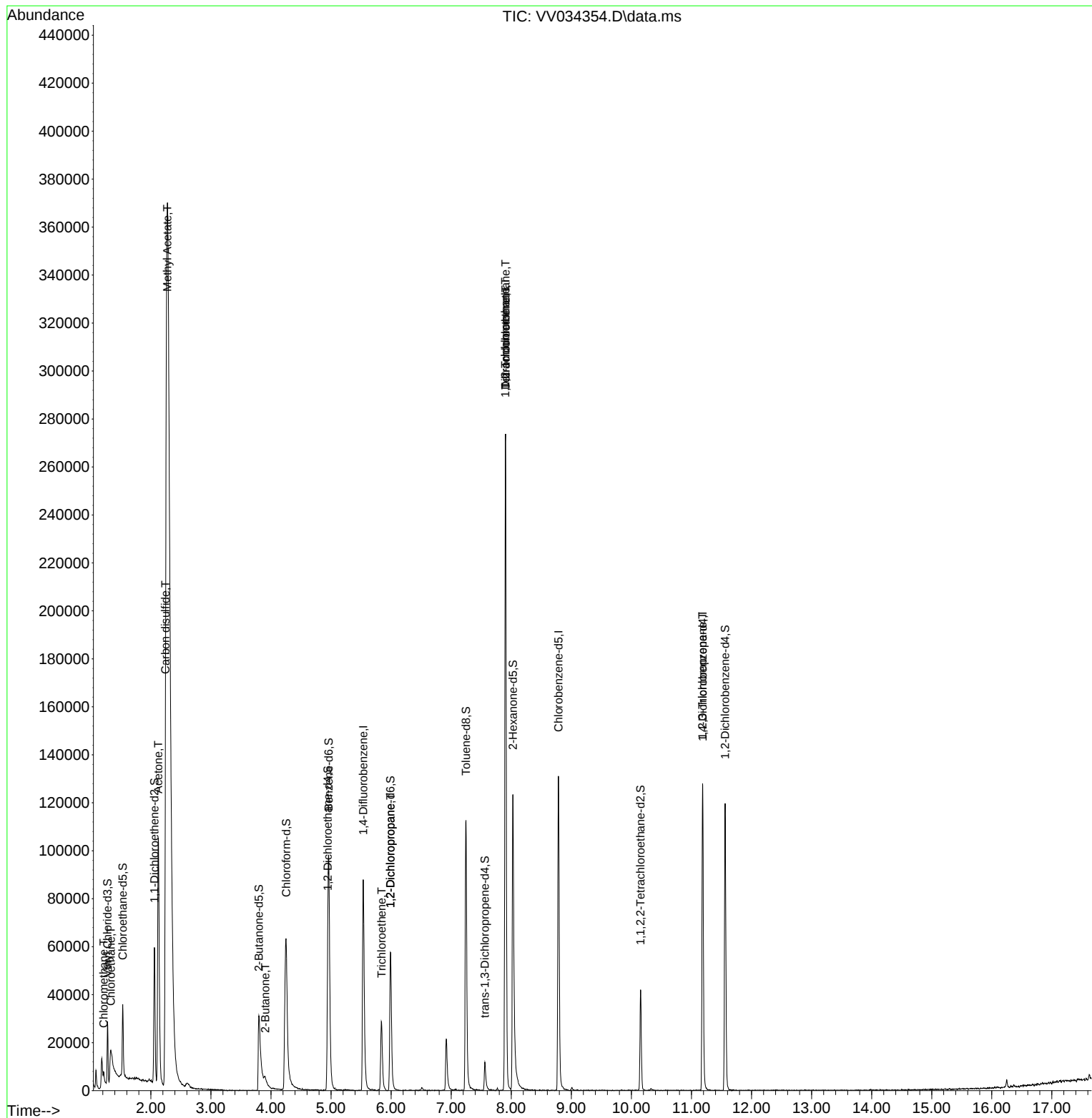
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76492	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	33959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17048	2.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.532	69	18013	3.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.060	65	9519	3.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.799	46	58611	58.909	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.820%
24) Chloroform-d	4.253	84	49905	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.944	65	25805	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	4.960	84	86464	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.989	67	26726	4.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.246	98	78096	3.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.561	79	7926	3.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.027	63	43155	53.142	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.280%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18931	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30669	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2888	0.378	ug/L	96
8) Chloroethane	1.333	64	31175	6.254	ug/L #	52
13) Acetone	2.124	43	135126	179.020	ug/L #	40
14) Carbon disulfide	2.243	76	1938	0.112	ug/L #	74
15) Methyl Acetate	2.275	43	245863	137.632	ug/L #	53
21) 2-Butanone	3.905	43	8732	8.754	ug/L #	72
34) Trichloroethene	5.841	95	10285	1.649	ug/L	98
37) 1,2-Dichloropropane	5.989	63	3538	0.678	ug/L #	87
45) 1,1,2-Trichloroethane	7.902	97	484	0.150	ug/L #	13
47) Tetrachloroethene	7.905	164	58679	11.582	ug/L	95
49) Dibromochloromethane	7.905	129	53207	13.894	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	3769	1.614	ug/L #	58

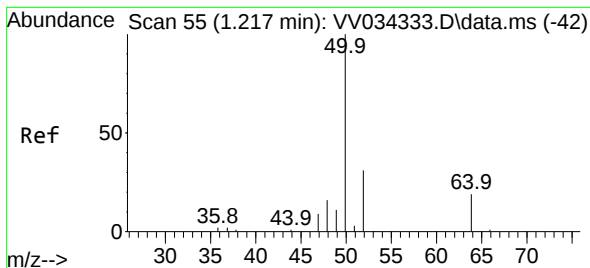
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.378 ug/L

RT: 1.217 min Scan# 50

Delta R.T. 0.000 min

Lab File: VV034354.D

Acq: 22 Feb 2024 18:06

Instrument :

MSVOA_V

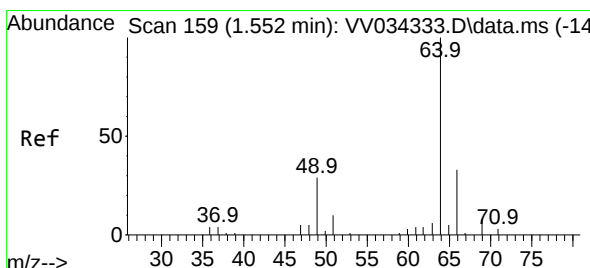
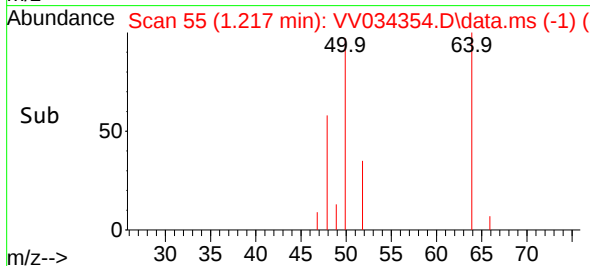
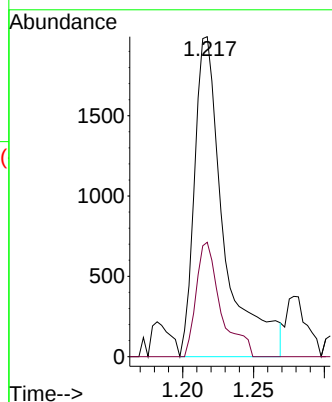
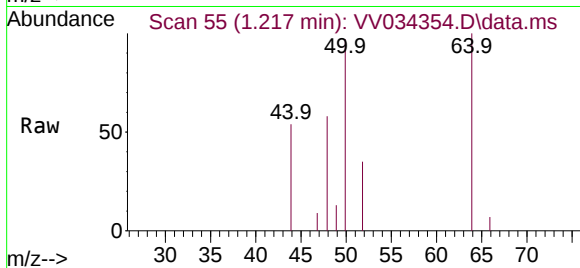
ClientSampleId :

Tgt Ion: 50 Resp: 2888

Ion Ratio Lower Upper

50 100

52 35.7 23.4 43.4



#8

Chloroethane

Concen: 6.254 ug/L

RT: 1.333 min Scan# 91

Delta R.T. -0.218 min

Lab File: VV034354.D

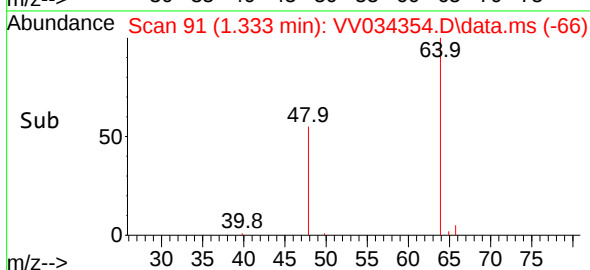
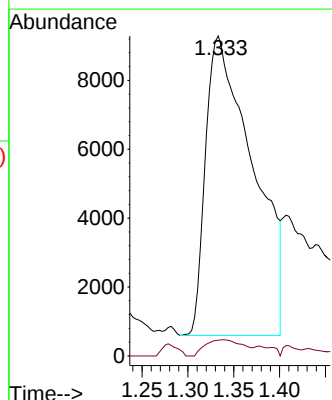
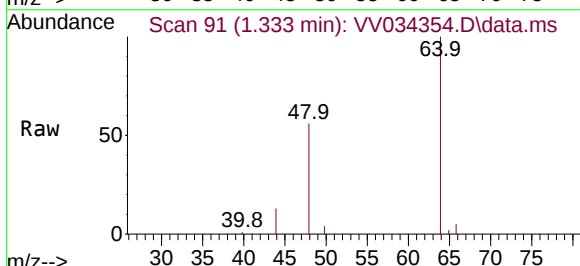
Acq: 22 Feb 2024 18:06

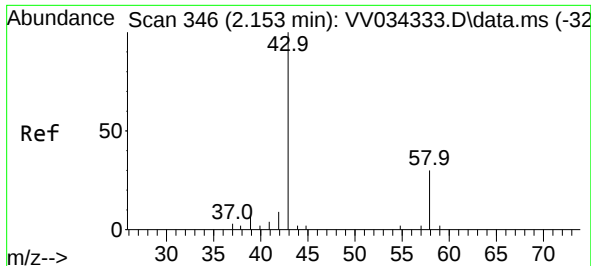
Tgt Ion: 64 Resp: 31175

Ion Ratio Lower Upper

64 100

66 4.9 22.0 41.0#





#13

Acetone

Concen: 179.020 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV034354.D

Acq: 22 Feb 2024 18:06

Instrument :

MSVOA_V

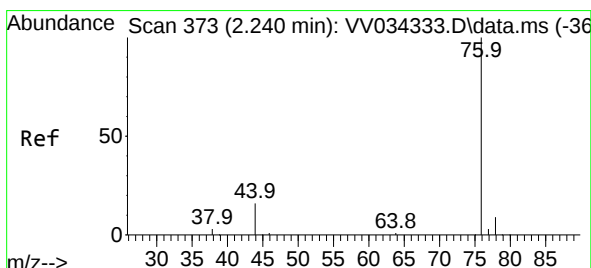
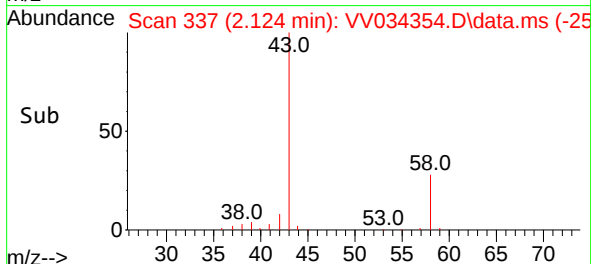
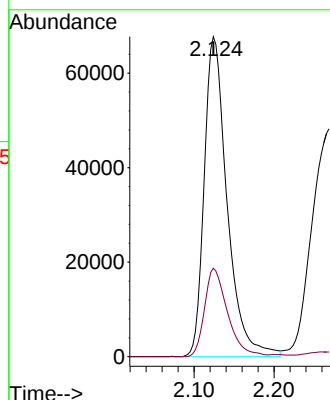
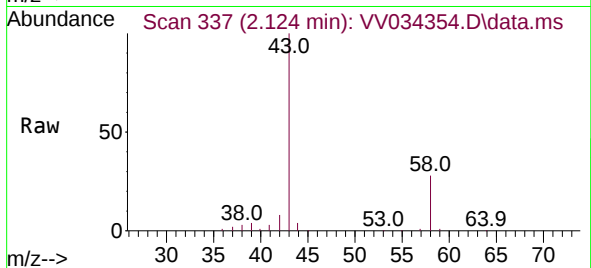
ClientSampleId :

Tgt Ion: 43 Resp: 135126

Ion Ratio Lower Upper

43 100

58 27.6 0.0 13.8#



#14

Carbon disulfide

Concen: 0.112 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034354.D

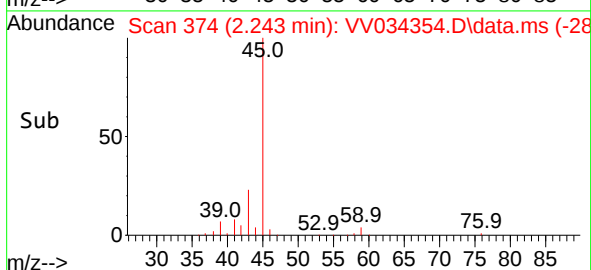
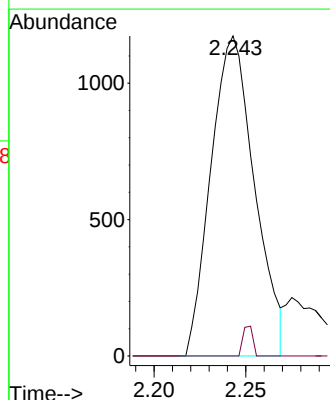
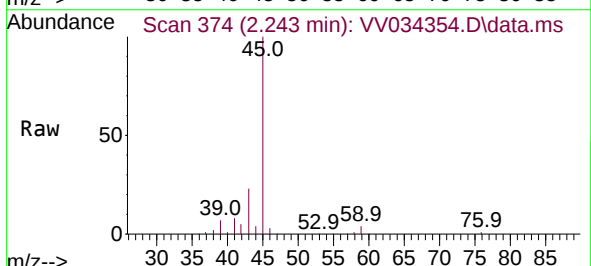
Acq: 22 Feb 2024 18:06

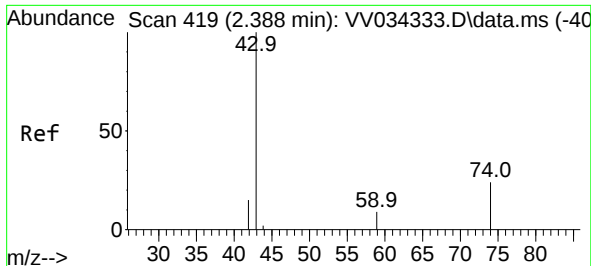
Tgt Ion: 76 Resp: 1938

Ion Ratio Lower Upper

76 100

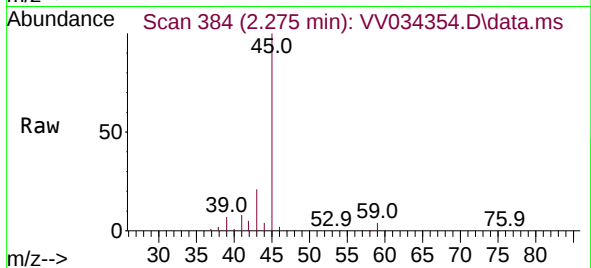
78 0.0 7.5 11.3#



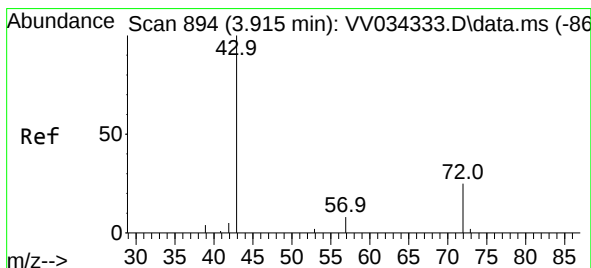
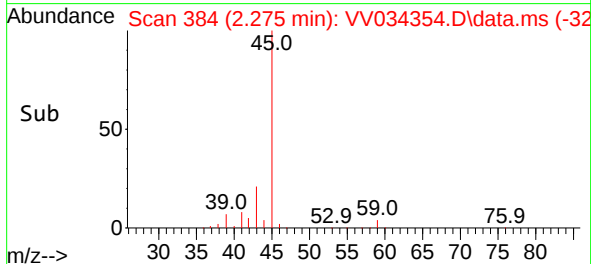
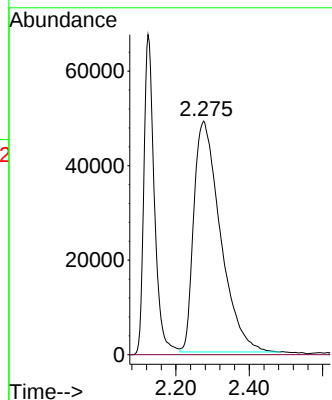


#15
Methyl Acetate
Concen: 137.632 ug/L
RT: 2.275 min Scan# 31
Delta R.T. -0.112 min
Lab File: VV034354.D
Acq: 22 Feb 2024 18:06

Instrument :
MSVOA_V
ClientSampleId :

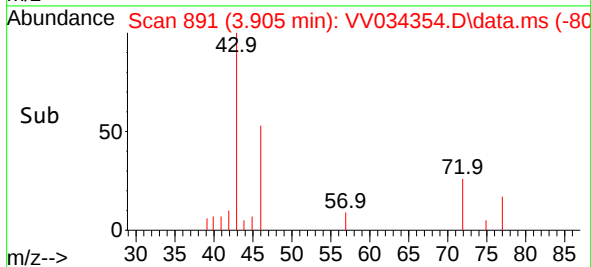
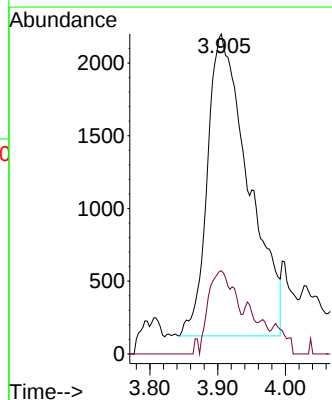
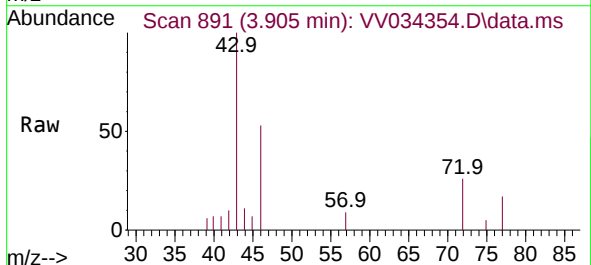


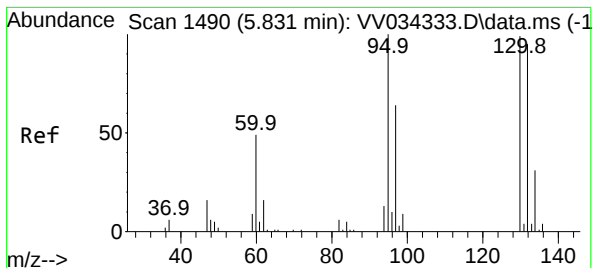
Tgt Ion: 43 Resp: 245863
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#21
2-Butanone
Concen: 8.754 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.009 min
Lab File: VV034354.D
Acq: 22 Feb 2024 18:06

Tgt Ion: 43 Resp: 8732
Ion Ratio Lower Upper
43 100
72 17.7 4.0 11.9#





#34

Trichloroethene

Concen: 1.649 ug/L

RT: 5.841 min Scan# 14

Delta R.T. 0.010 min

Lab File: VV034354.D

Acq: 22 Feb 2024 18:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 10285

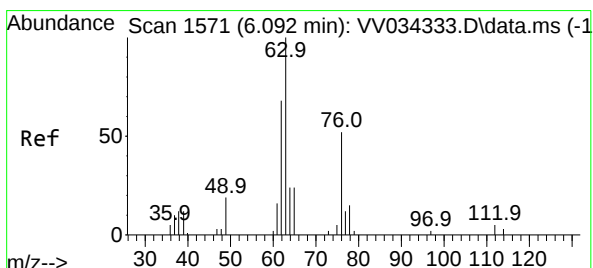
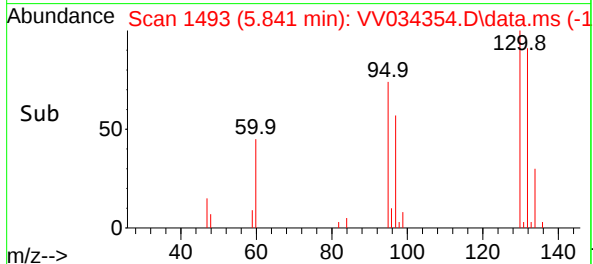
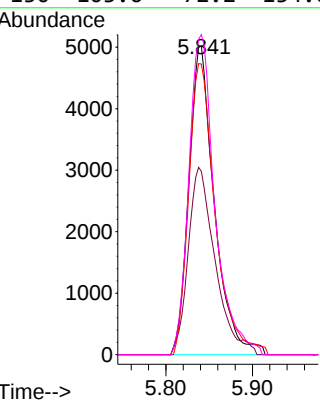
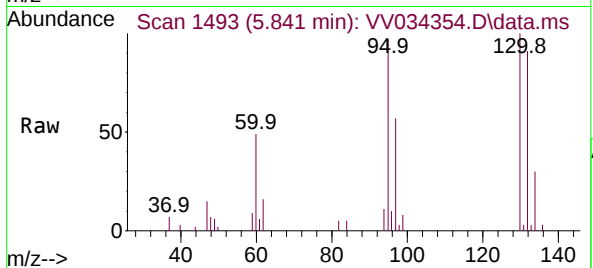
Ion Ratio Lower Upper

95 100

97 59.4 45.1 83.7

132 94.2 66.0 122.6

130 103.6 72.2 134.0



#37

1,2-Dichloropropane

Concen: 0.678 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV034354.D

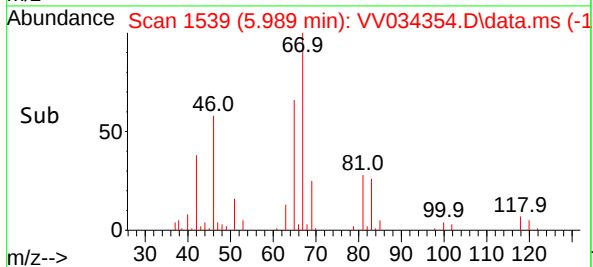
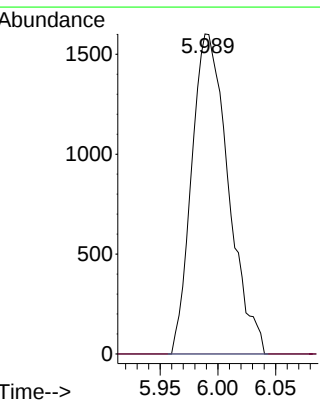
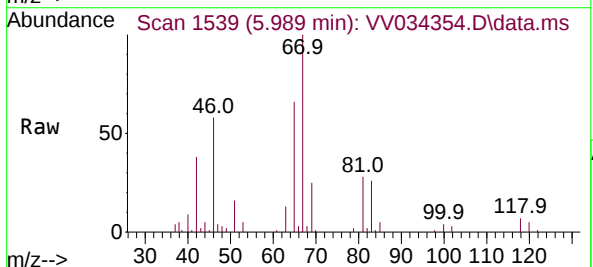
Acq: 22 Feb 2024 18:06

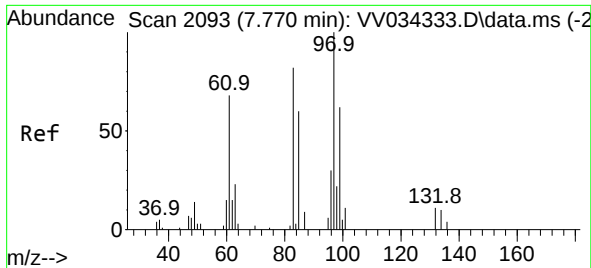
Tgt Ion: 63 Resp: 3538

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



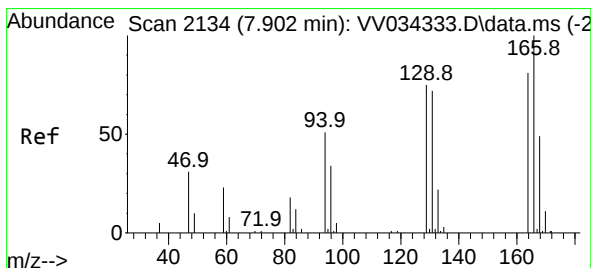
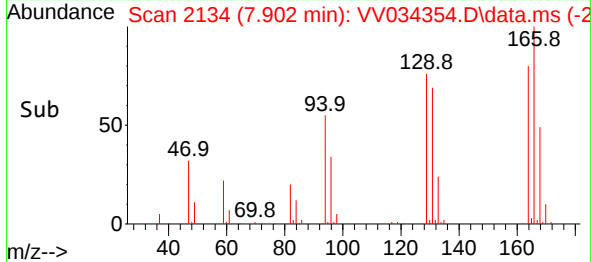
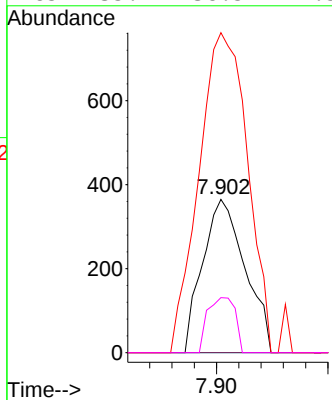
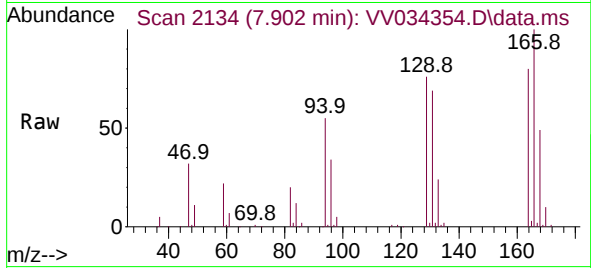


#45
1,1,2-Trichloroethane
Concen: 0.150 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.132 min
Lab File: VV034354.D
Acq: 22 Feb 2024 18:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 484

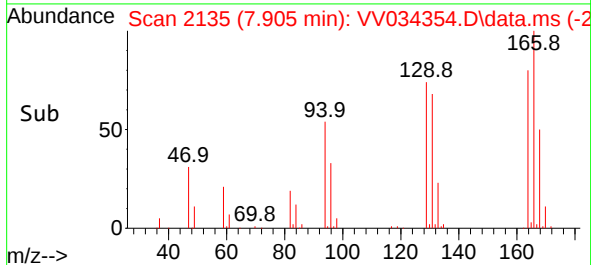
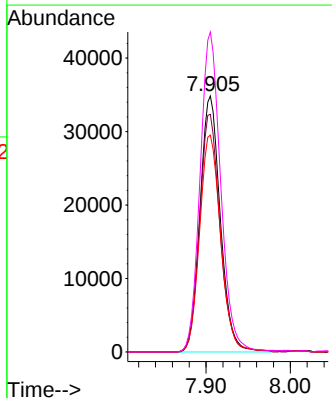
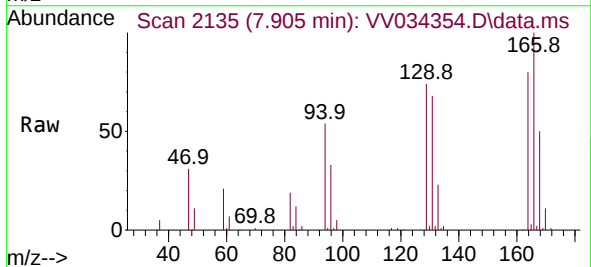
Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.6	84.6#
83	208.8	62.3	115.7#
85	35.9	38.5	71.5#

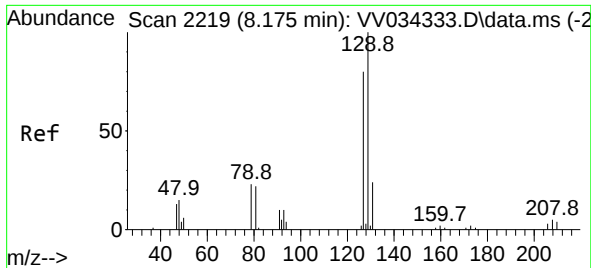


#47
Tetrachloroethene
Concen: 11.582 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034354.D
Acq: 22 Feb 2024 18:06

Tgt Ion: 164 Resp: 58679

Ion	Ratio	Lower	Upper
164	100		
129	92.8	67.8	125.8
131	84.7	63.0	117.0
166	125.0	92.6	172.0





#49

Dibromochloromethane

Concen: 13.894 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034354.D

Acq: 22 Feb 2024 18:06

Instrument :

MSVOA_V

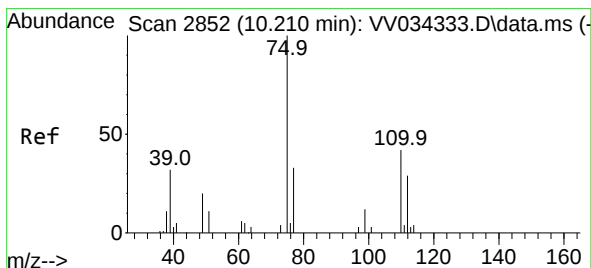
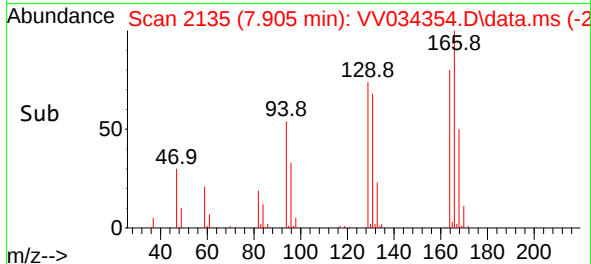
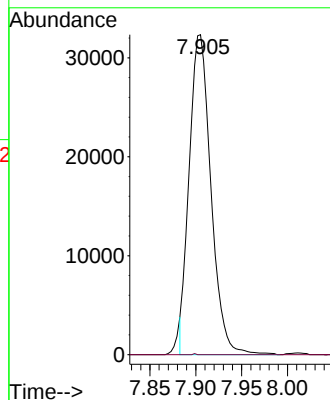
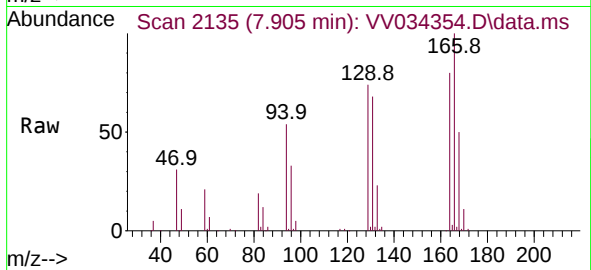
ClientSampleId :

Tgt Ion:129 Resp: 53207

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.614 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034354.D

Acq: 22 Feb 2024 18:06

Tgt Ion: 75 Resp: 3769

Ion Ratio Lower Upper

75 100

77 40.6 26.9 40.3#

110 0.5 33.3 49.9#

