

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037407.D
 Acq On : 20 Sep 2024 01:54
 Operator : SY/MD
 Sample : P3994-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

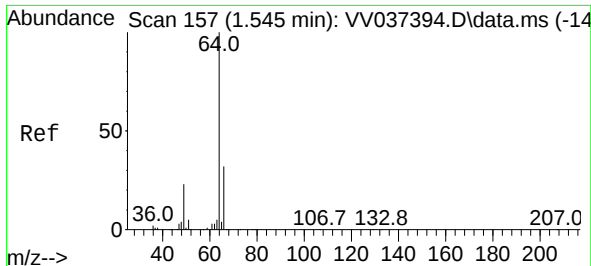
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 04:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	304347	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	314771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	145390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62731	3.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.529	69	80386	4.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.053	65	35660	3.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.802	46	269886	50.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	4.243	84	203884	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.940	65	100638	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.953	84	368963	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.982	67	130360	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.239	98	306145	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.561	79	27635	3.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.000%
46) 2-Hexanone-d5	8.024	63	219687	52.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109998	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	132277	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
8) Chloroethane	1.326	64	317558	17.813	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	5234	0.234	ug/L	95
12) 1,1-Dichloroethene	2.066	96	41076	1.926	ug/L #	75
14) Carbon disulfide	2.243	76	10355	0.154	ug/L	99
19) 1,1-Dichloroethane	3.114	63	11009	0.257	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	44487	1.834	ug/L	93
25) Chloroform	4.268	83	28163	0.652	ug/L	100
31) Carbon tetrachloride	4.728	117	58418	1.839	ug/L	99
34) Trichloroethene	5.825	95	357062	13.971	ug/L	97
35) Methylcyclohexane	5.985	83	31222	0.804	ug/L #	19
47) Tetrachloroethene	7.899	164	104739	5.726	ug/L	97
49) Dibromochloromethane	7.899	129	95679	5.288	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	17847	1.349	ug/L #	68

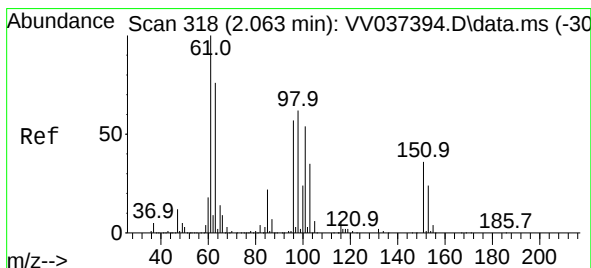
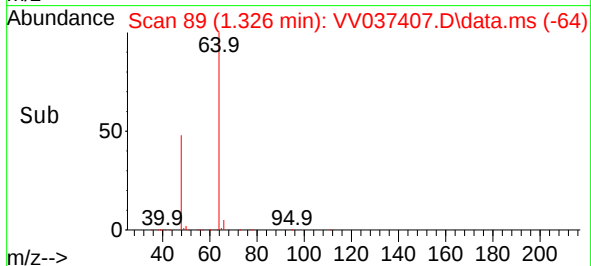
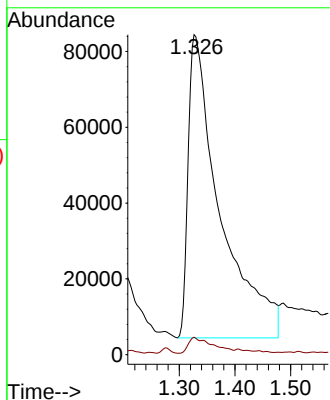
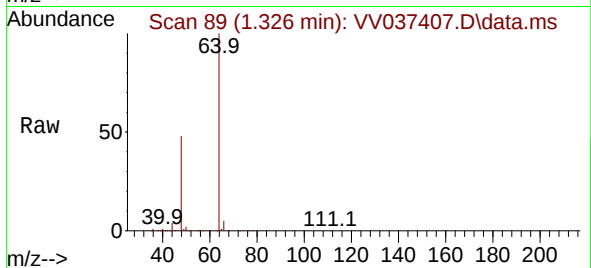
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 17.813 ug/L
RT: 1.326 min Scan# 80
Delta R.T. -0.219 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

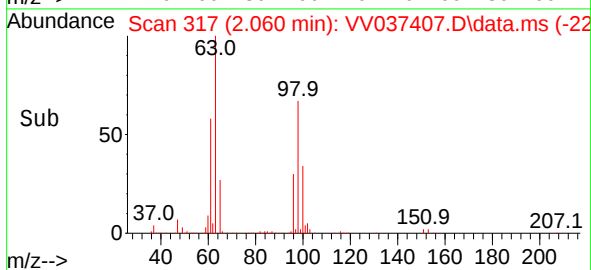
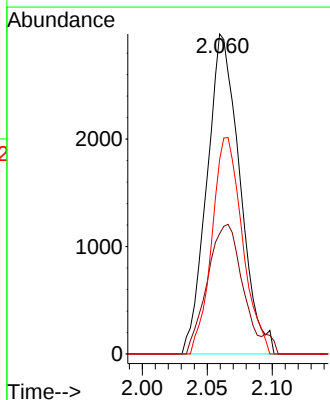
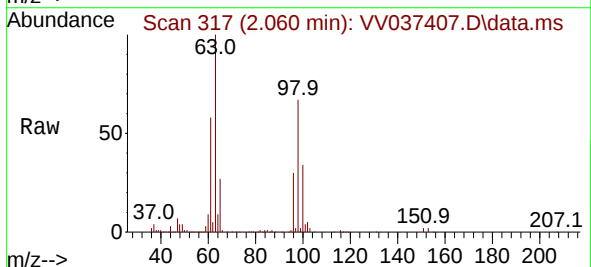
Instrument :
MSVOA_V
ClientSampleId :

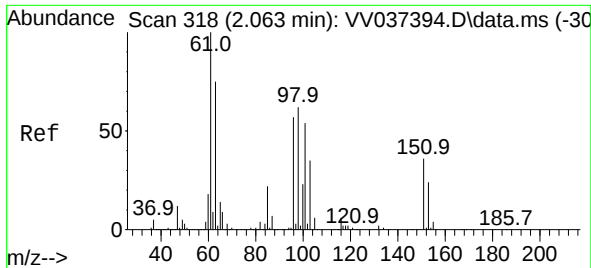
Tgt Ion: 64 Resp: 317558
Ion Ratio Lower Upper
64 100
66 5.5 22.7 42.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.234 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

Tgt Ion:101 Resp: 5234
Ion Ratio Lower Upper
101 100
85 44.8 35.1 52.7
151 62.7 55.3 82.9

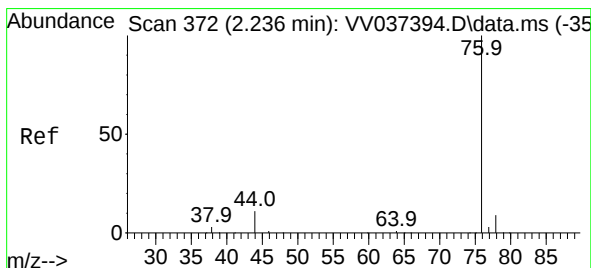
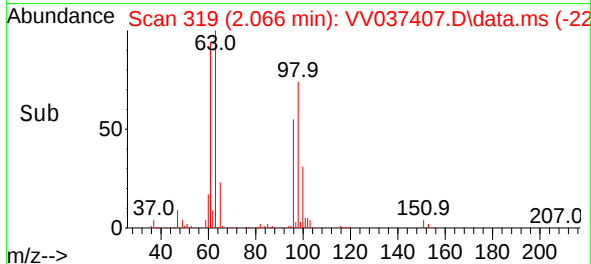
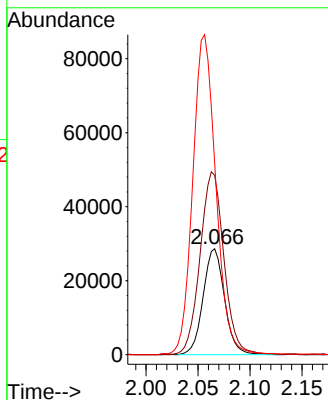
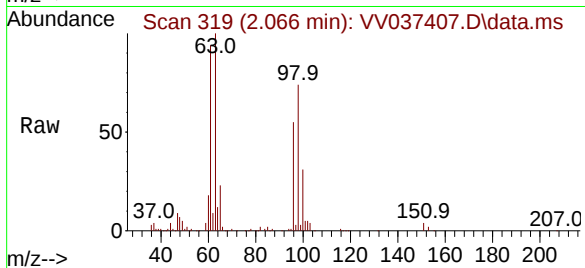




#12
1,1-Dichloroethene
Concen: 1.926 ug/L
RT: 2.066 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

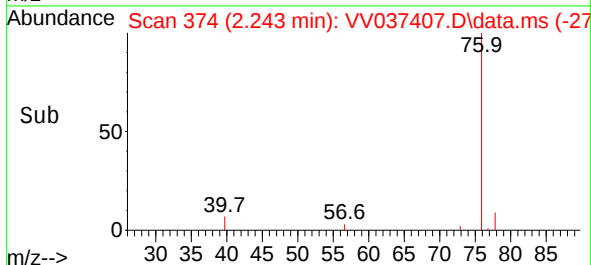
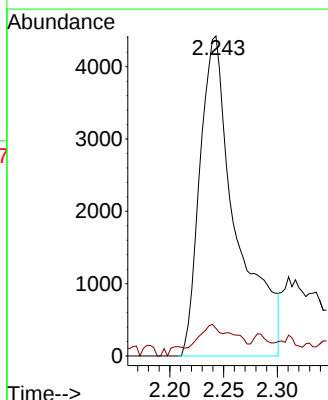
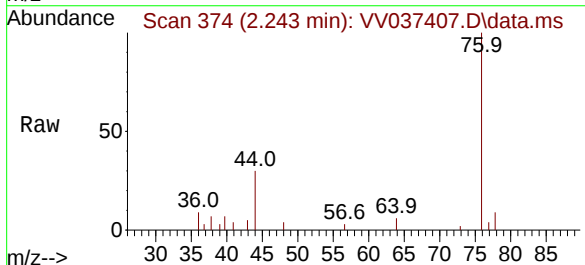
Instrument :
MSVOA_V
ClientSampleId :

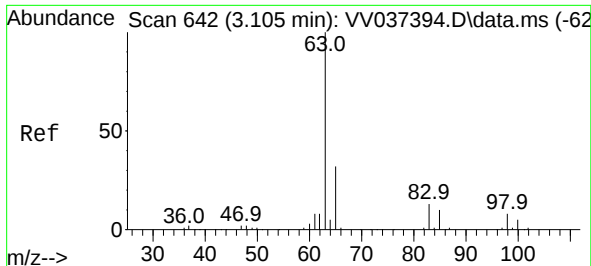
Tgt Ion: 96 Resp: 41076
Ion Ratio Lower Upper
96 100
61 169.5 119.9 222.7
63 180.7 81.4 151.2#



#14
Carbon disulfide
Concen: 0.154 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.006 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

Tgt Ion: 76 Resp: 10355
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9





#19

1,1-Dichloroethane

Concen: 0.257 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV037407.D

Acq: 20 Sep 2024 01:54

Instrument :

MSVOA_V

ClientSampleId :

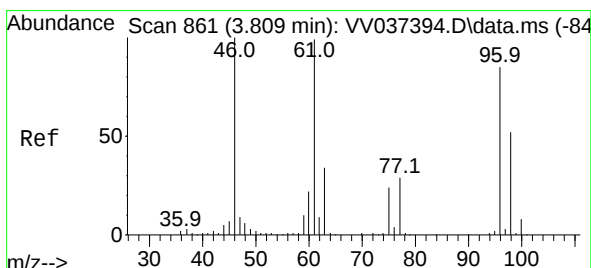
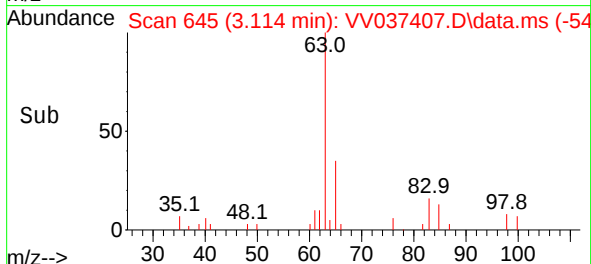
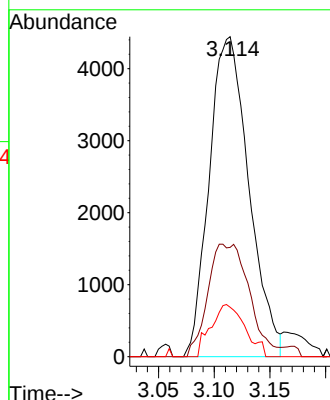
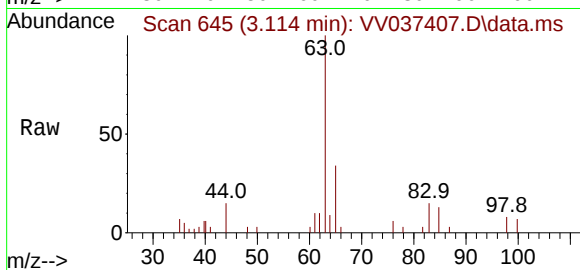
Tgt Ion: 63 Resp: 11009

Ion Ratio Lower Upper

63 100

65 34.2 22.5 41.7

83 15.4 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 1.834 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV037407.D

Acq: 20 Sep 2024 01:54

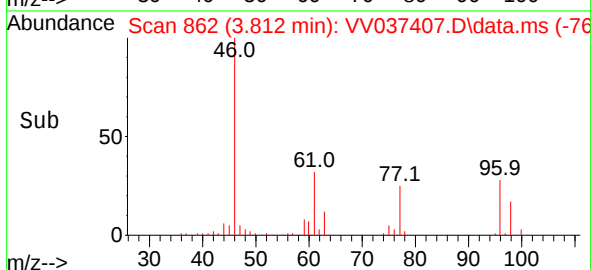
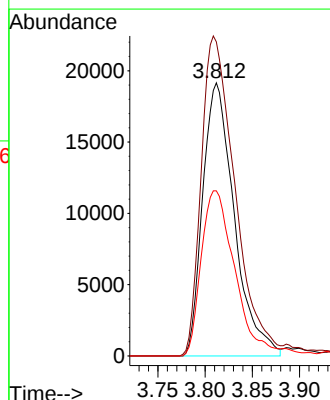
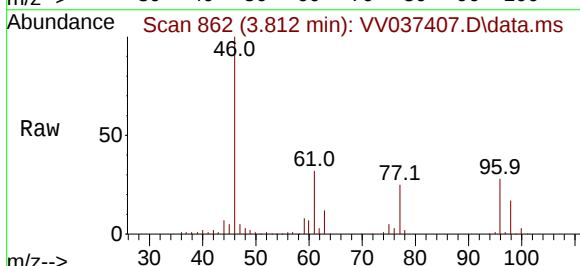
Tgt Ion: 96 Resp: 44487

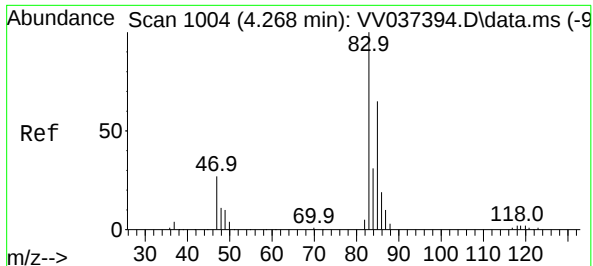
Ion Ratio Lower Upper

96 100

61 115.0 87.6 162.6

98 60.5 44.9 83.5

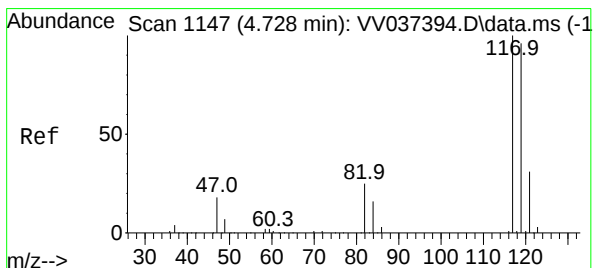
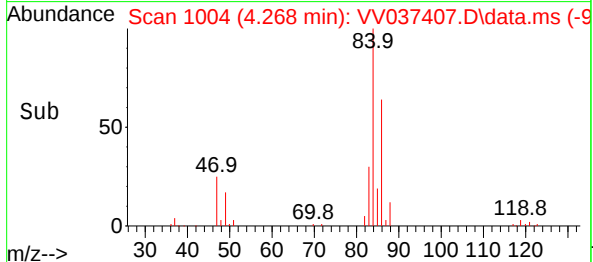
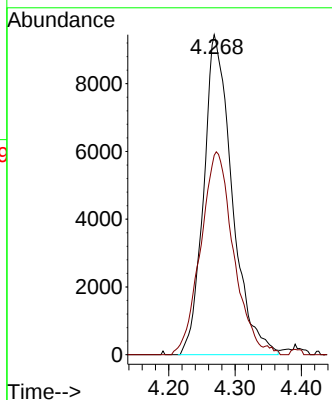
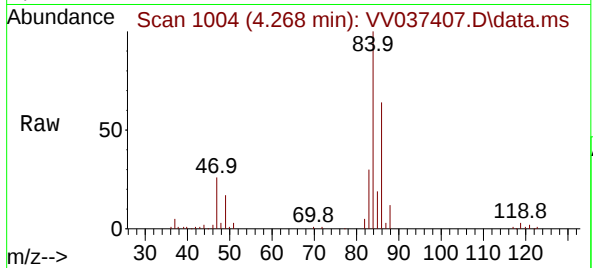




#25
Chloroform
Concen: 0.652 ug/L
RT: 4.268 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

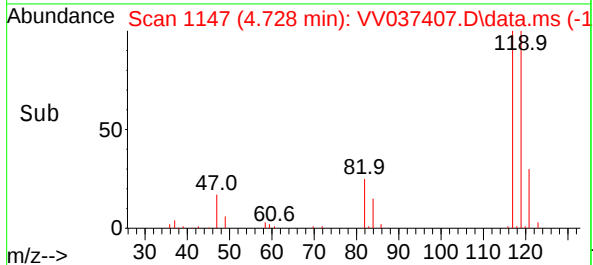
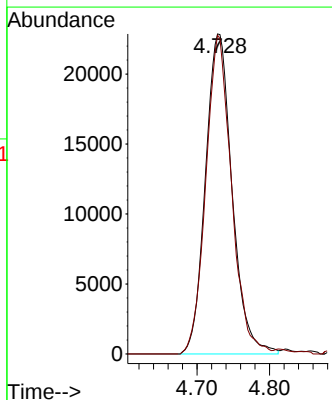
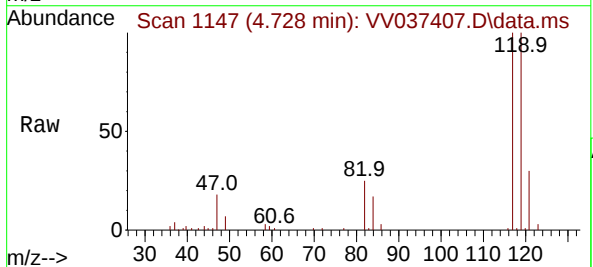
Instrument :
MSVOA_V
ClientSampleId :

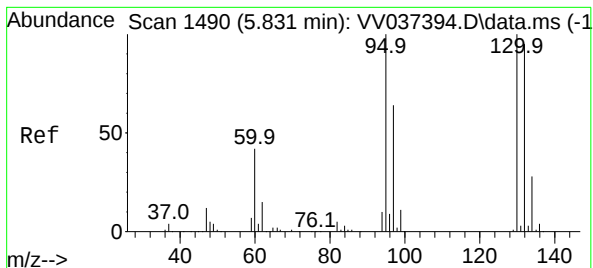
Tgt Ion: 83 Resp: 28163
Ion Ratio Lower Upper
83 100
85 62.3 43.8 81.4



#31
Carbon tetrachloride
Concen: 1.839 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

Tgt Ion: 117 Resp: 58418
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4





#34

Trichloroethene

Concen: 13.971 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VV037407.D

Acq: 20 Sep 2024 01:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 357062

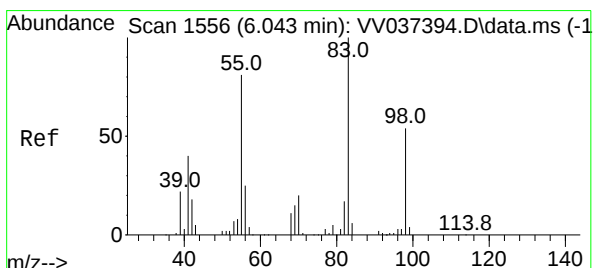
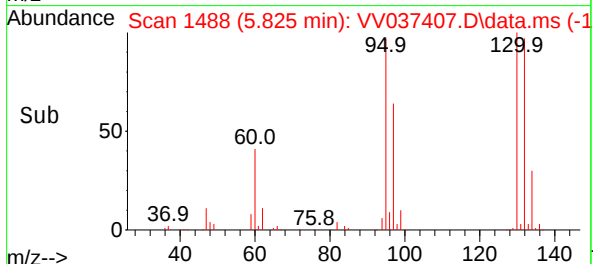
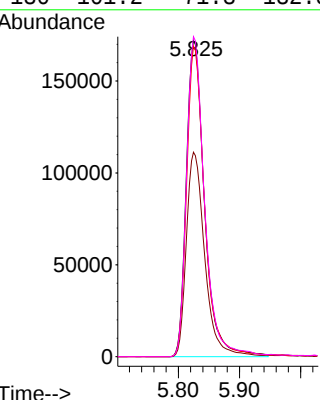
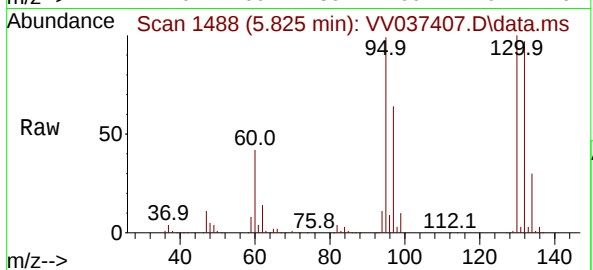
Ion Ratio Lower Upper

95 100

97 64.7 46.5 86.5

132 98.2 65.5 121.7

130 101.2 71.3 132.3



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037407.D

Acq: 20 Sep 2024 01:54

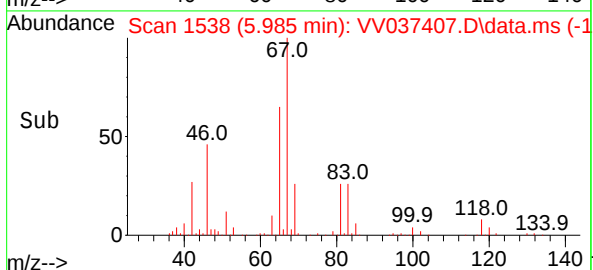
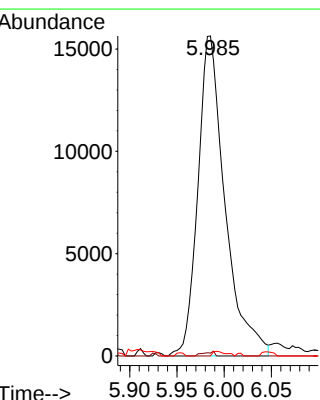
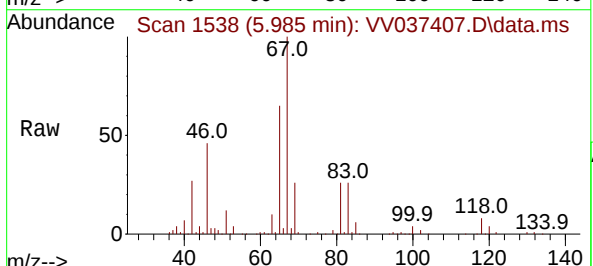
Tgt Ion: 83 Resp: 31222

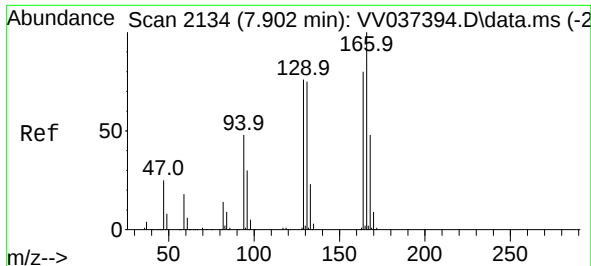
Ion Ratio Lower Upper

83 100

55 0.6 60.3 90.5#

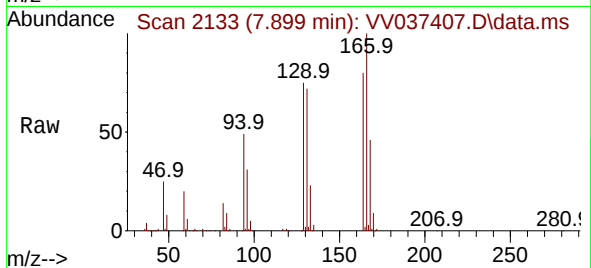
98 0.0 38.2 57.4#



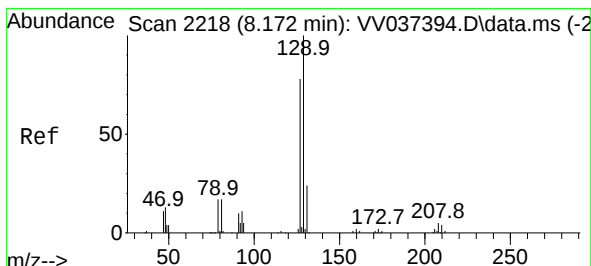
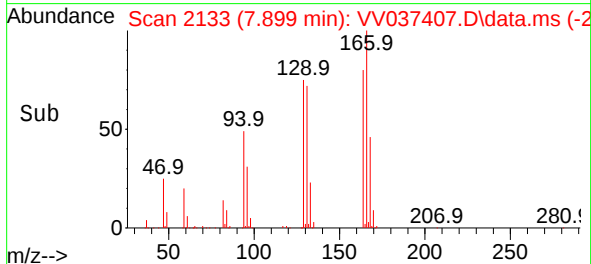
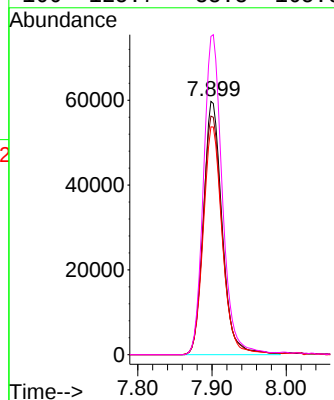


#47
Tetrachloroethene
Concen: 5.726 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

Instrument :
MSVOA_V
ClientSampleId :

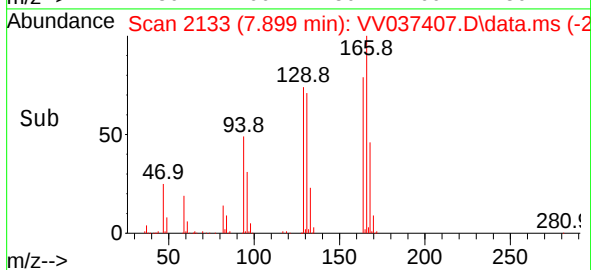
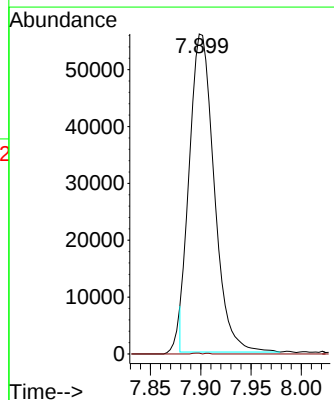
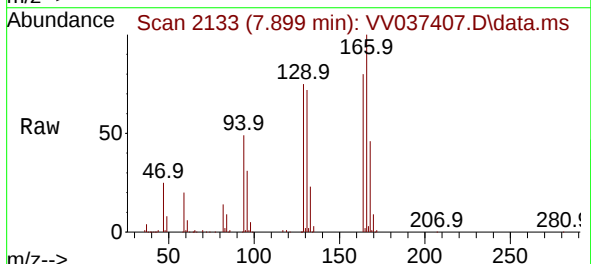


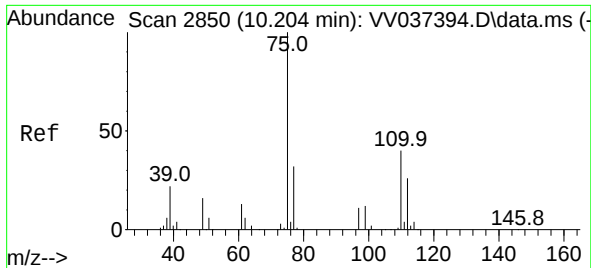
Tgt Ion:	164	Resp:	104739
Ion Ratio	Lower	Upper	
164	100		
129	94.2	69.2	128.4
131	89.9	66.6	123.8
166	125.7	88.8	165.0



#49
Dibromochloromethane
Concen: 5.288 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.273 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

Tgt Ion:	129	Resp:	95679
Ion Ratio	Lower	Upper	
129	100		
127	0.3	54.5	101.1#





#61

1,2,3-Trichloropropane

Concen: 1.349 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.974 min

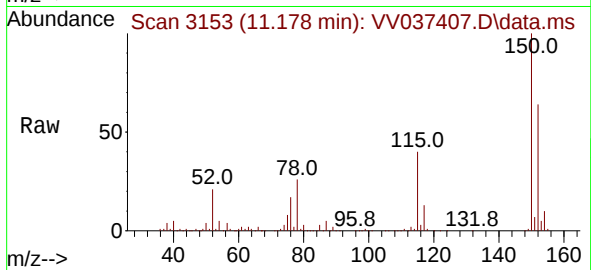
Lab File: VV037407.D

Acq: 20 Sep 2024 01:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 17847

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

110 2.9 31.0 46.4#

