

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037425.D
 Acq On : 20 Sep 2024 12:11
 Operator : SY/MD
 Sample : P3994-07DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

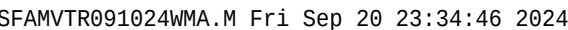
Quant Time: Sep 20 23:34:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

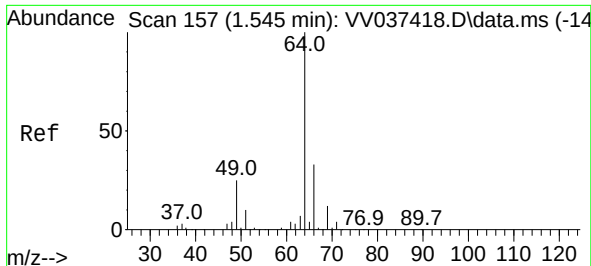
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	313123	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	143824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58002	3.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.529	69	76212	3.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.053	65	33830	3.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.815	46	267653	48.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.500%
24) Chloroform-d	4.243	84	205030	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.940	65	102293	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.953	84	370904	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.985	67	128998	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.239	98	297799	3.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.561	79	30937	3.490	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.027	63	213460	49.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.580%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	108337	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	123783	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
8) Chloroethane	1.278	64	2991	0.163	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	7637	0.332	ug/L	91
12) 1,1-Dichloroethene	2.063	96	149071	6.794	ug/L	90
19) 1,1-Dichloroethane	3.108	63	64832	1.471	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	95239	3.816	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	15548	0.406	ug/L	96
34) Trichloroethene	5.831	95	107115	4.082	ug/L	95
35) Methylcyclohexane	5.985	83	29728	0.745	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	13923	0.562	ug/L #	88
47) Tetrachloroethene	7.899	164	131829	7.020	ug/L	98
49) Dibromochloromethane	7.899	129	125027	6.731	ug/L #	10
61) 1,2,3-Trichloropropane	11.181	75	17755	1.357	ug/L #	66

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 23:32:27 2024
Response via : Initial Calibration

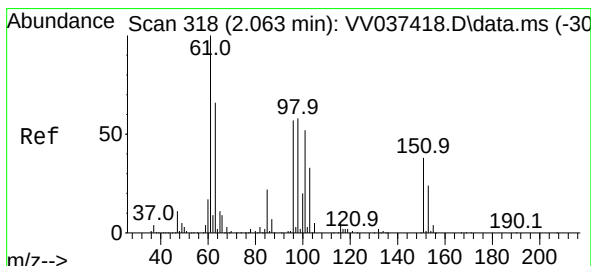
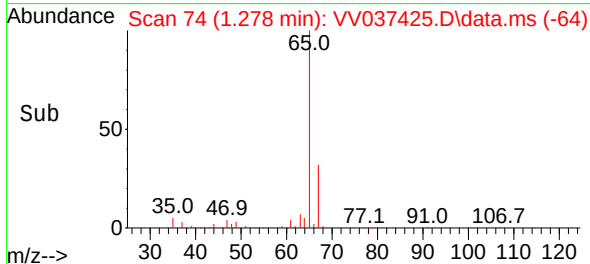
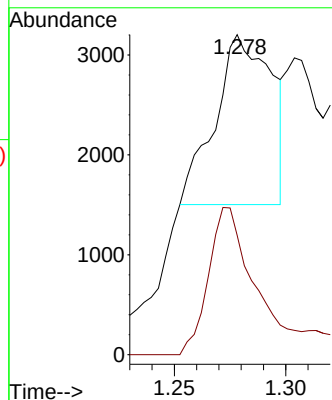
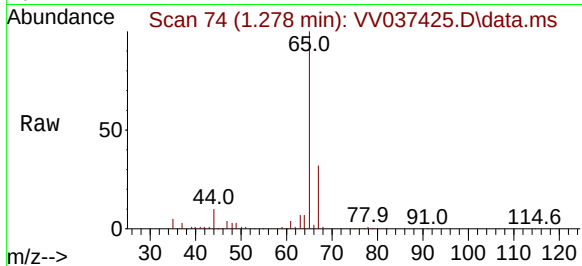




#8
Chloroethane
Concen: 0.163 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.267 min
Lab File: VV037425.D
Acq: 20 Sep 2024 12:11

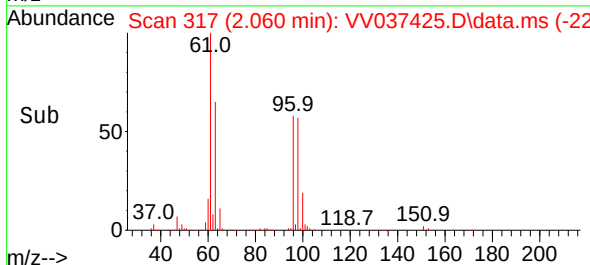
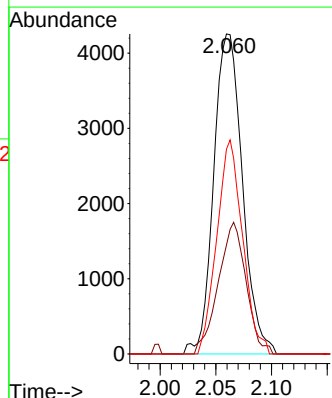
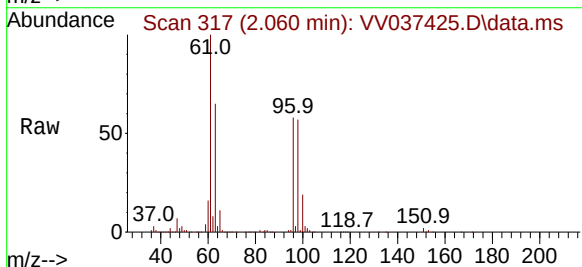
Instrument :
MSVOA_V
ClientSampleId :

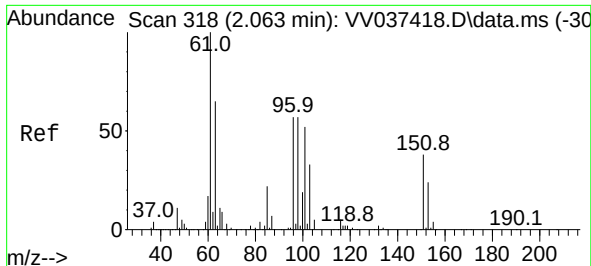
Tgt Ion: 64 Resp: 2991
Ion Ratio Lower Upper
64 100
66 37.3 22.7 42.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.332 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV037425.D
Acq: 20 Sep 2024 12:11

Tgt Ion:101 Resp: 7637
Ion Ratio Lower Upper
101 100
85 39.7 35.1 52.7
151 60.1 55.3 82.9





#12

1,1-Dichloroethene

Concen: 6.794 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

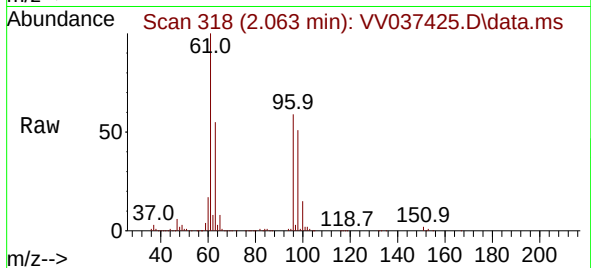
Lab File: VV037425.D

Acq: 20 Sep 2024 12:11

Instrument :

MSVOA_V

ClientSampleId :



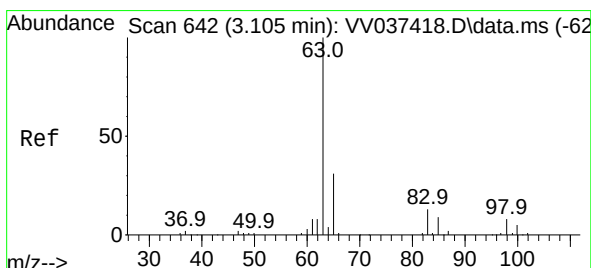
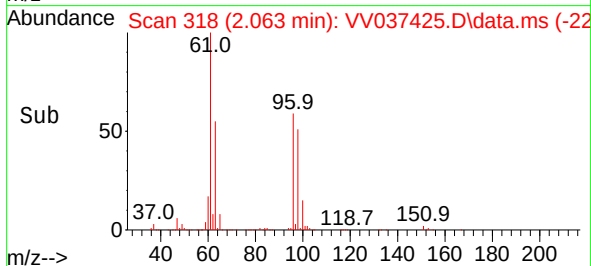
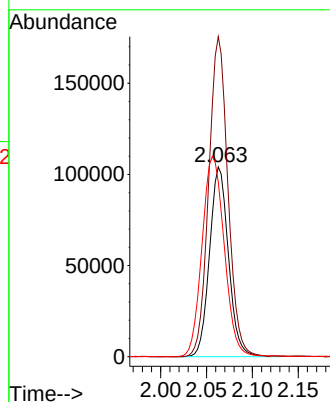
Tgt Ion: 96 Resp: 149071

Ion Ratio Lower Upper

96 100

61 168.6 119.9 222.7

63 92.1 81.4 151.2



#19

1,1-Dichloroethane

Concen: 1.471 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.003 min

Lab File: VV037425.D

Acq: 20 Sep 2024 12:11

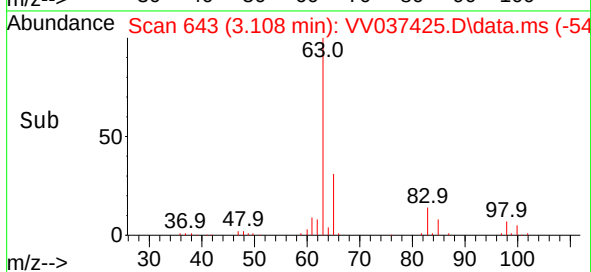
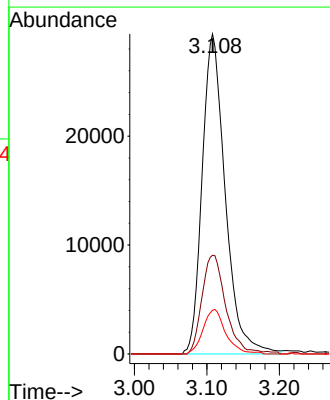
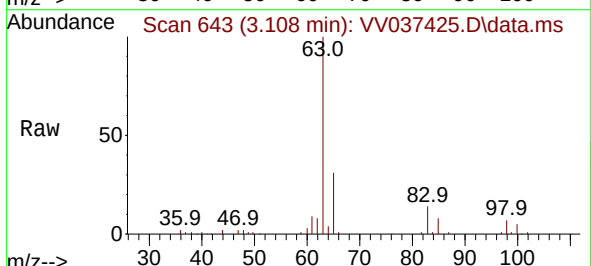
Tgt Ion: 63 Resp: 64832

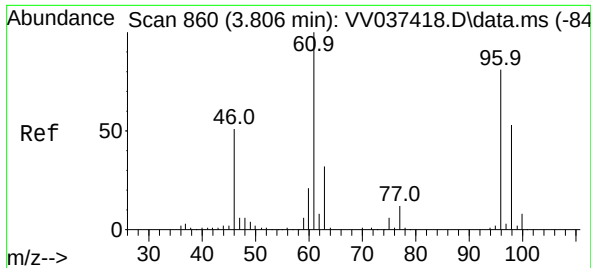
Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.7

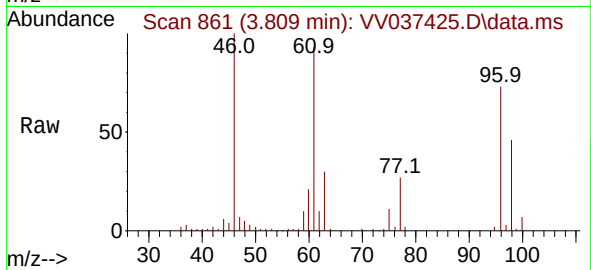
83 13.6 8.9 16.5



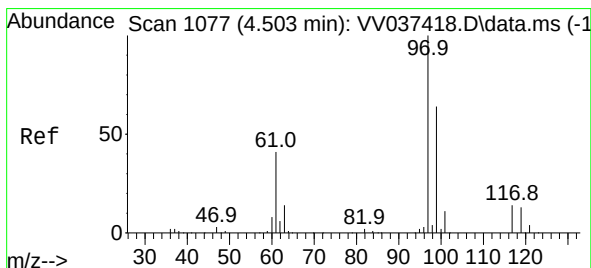
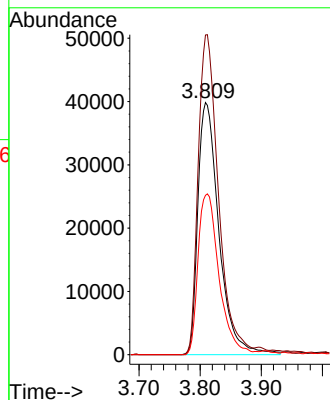
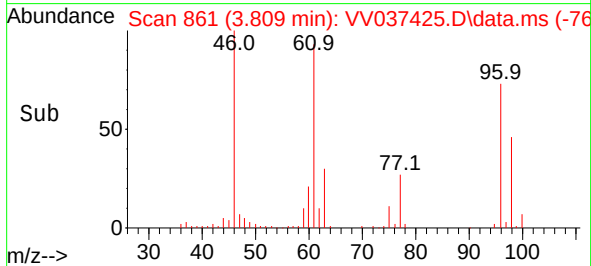


#22
 cis-1,2-Dichloroethene
 Concen: 3.816 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV037425.D
 Acq: 20 Sep 2024 12:11

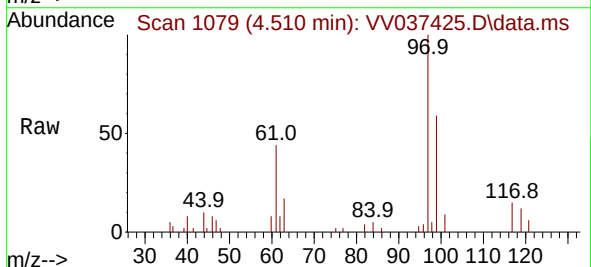
Instrument :
 MSVOA_V
 ClientSampleId :



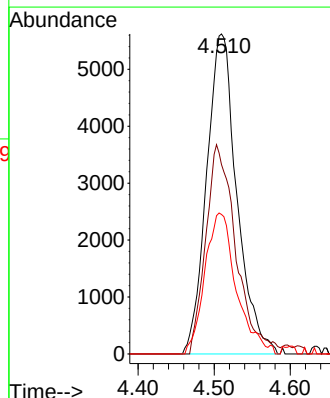
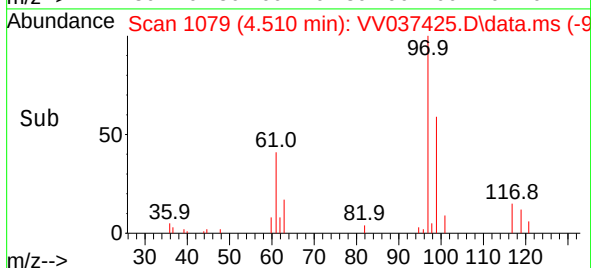
Tgt Ion: 96 Resp: 95239
 Ion Ratio Lower Upper
 96 100
 61 126.8 87.6 162.6
 98 63.2 44.9 83.5

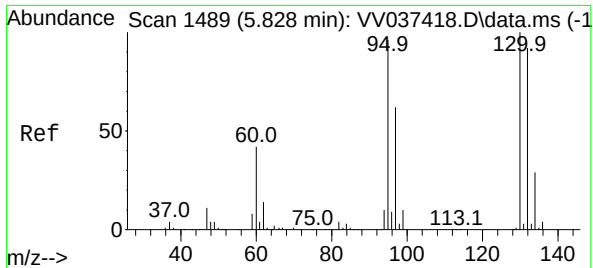


#29
 1,1,1-Trichloroethane
 Concen: 0.406 ug/L
 RT: 4.510 min Scan# 1079
 Delta R.T. 0.006 min
 Lab File: VV037425.D
 Acq: 20 Sep 2024 12:11



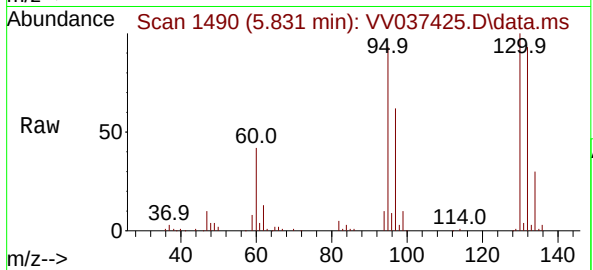
Tgt Ion: 97 Resp: 15548
 Ion Ratio Lower Upper
 97 100
 99 65.2 50.0 75.0
 61 45.8 34.3 51.5



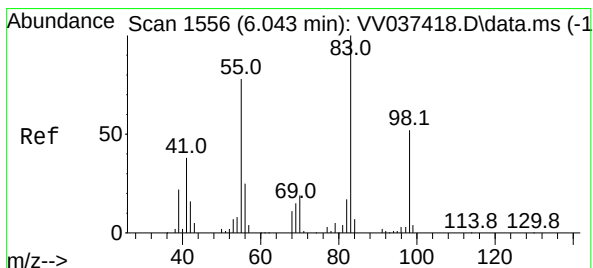
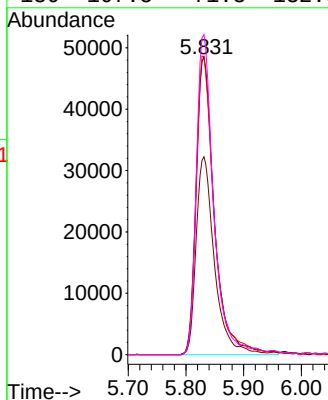
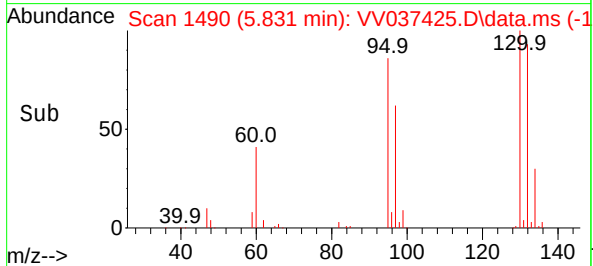


#34
Trichloroethene
Concen: 4.082 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV037425.D
Acq: 20 Sep 2024 12:11

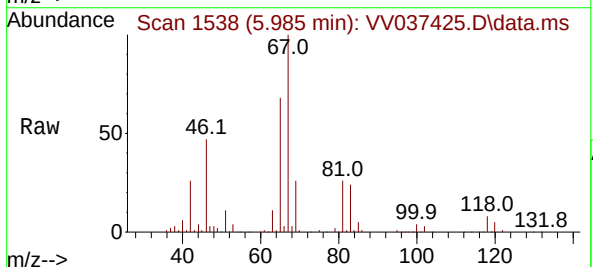
Instrument :
MSVOA_V
ClientSampleId :



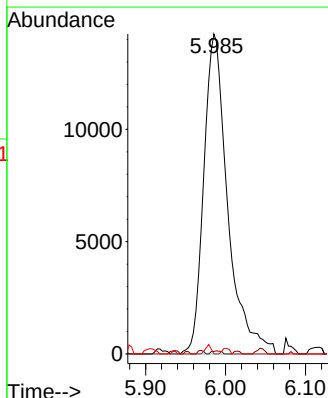
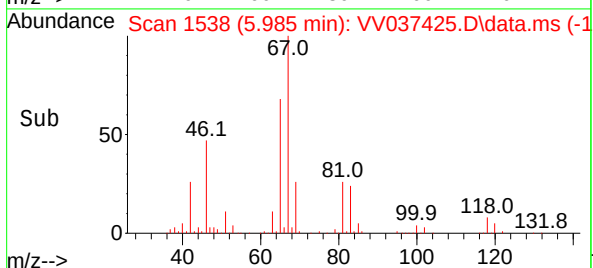
Tgt Ion: 95 Resp: 107115
Ion Ratio Lower Upper
95 100
97 66.5 46.5 86.5
132 100.2 65.5 121.7
130 107.5 71.3 132.3

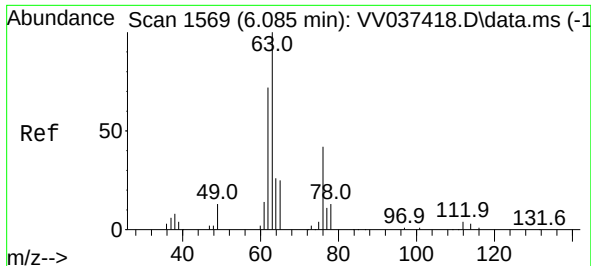


#35
Methylcyclohexane
Concen: 0.745 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV037425.D
Acq: 20 Sep 2024 12:11



Tgt Ion: 83 Resp: 29728
Ion Ratio Lower Upper
83 100
55 0.4 60.3 90.5#
98 0.7 38.2 57.4#

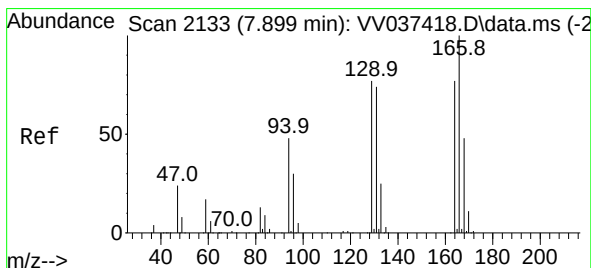
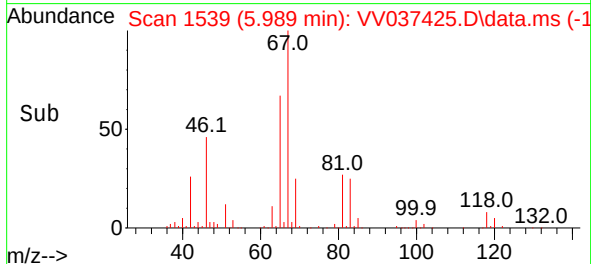
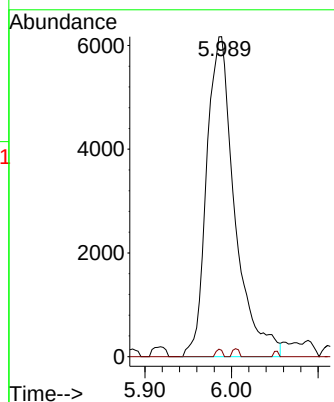
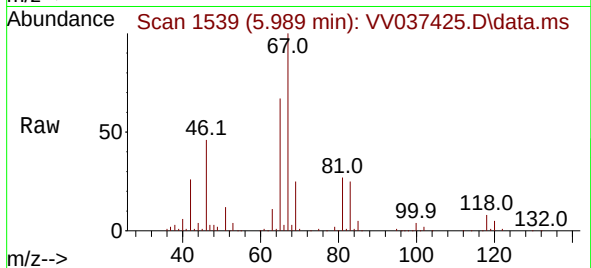




#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.097 min
Lab File: VV037425.D
Acq: 20 Sep 2024 12:11

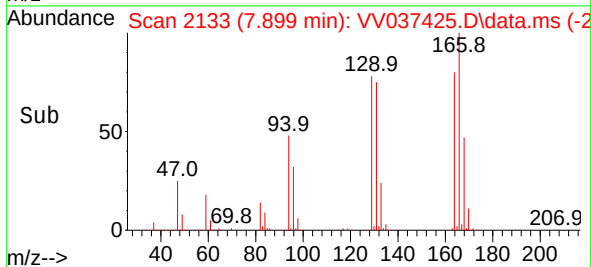
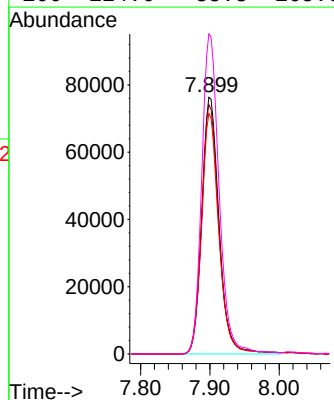
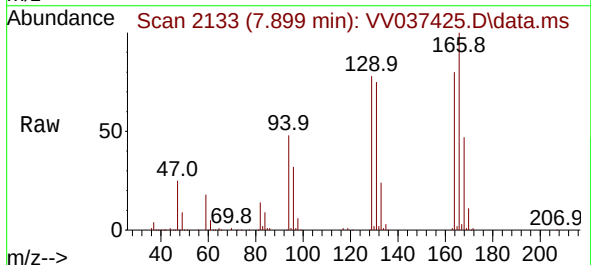
Instrument :
MSVOA_V
ClientSampleId :

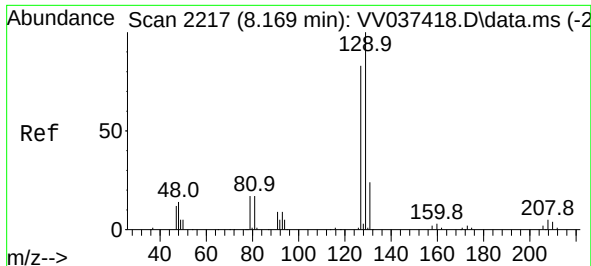
Tgt Ion: 63 Resp: 13923
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



#47
Tetrachloroethene
Concen: 7.020 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037425.D
Acq: 20 Sep 2024 12:11

Tgt Ion:164 Resp: 131829
Ion Ratio Lower Upper
164 100
129 97.1 69.2 128.4
131 93.6 66.6 123.8
166 124.6 88.8 165.0





#49

Dibromochloromethane

Concen: 6.731 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV037425.D

Acq: 20 Sep 2024 12:11

Instrument :

MSVOA_V

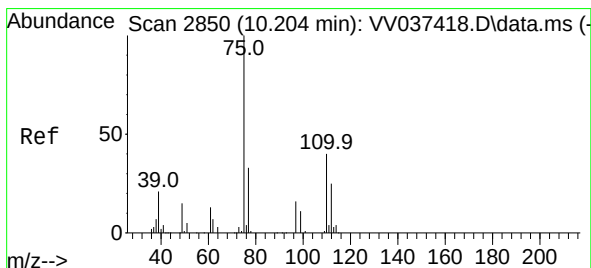
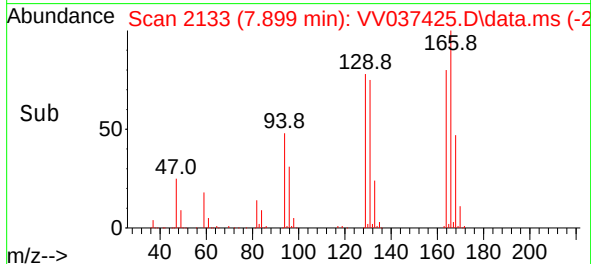
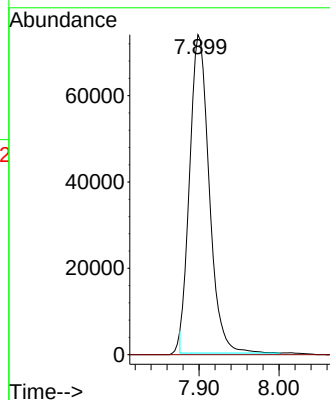
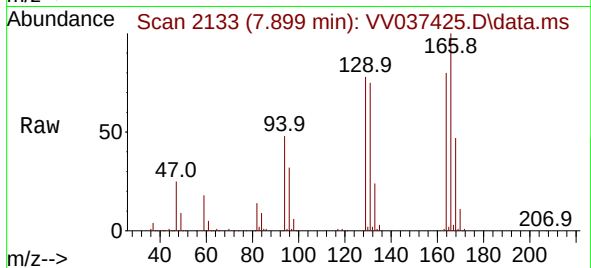
ClientSampleId :

Tgt Ion:129 Resp: 125027

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.357 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037425.D

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Tgt Ion: 75 Resp: 17755

Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4

110 2.1 31.0 46.4#

