

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
 Data File : VV033822.D
 Acq On : 23 Jan 2024 12:01
 Operator : SY/MD
 Sample : P1190-14DL 400X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:02:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

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

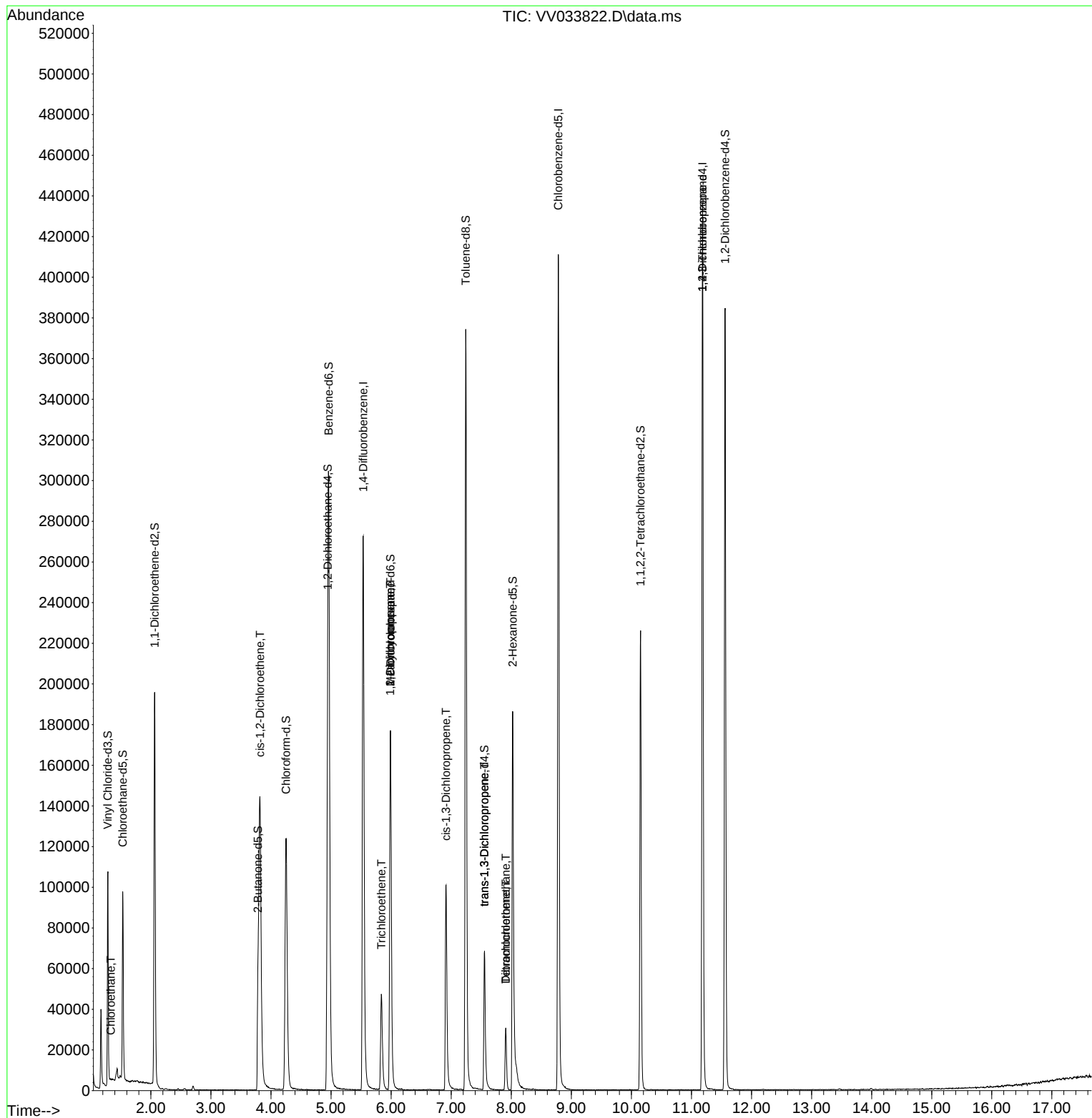
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	232210	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	214766	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	108425	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	67339	37.732	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.460%		
7) Chloroethane-d5	1.532	69	58830	41.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.260%		
11) 1,1-Dichloroethene-d2	2.063	65	33252	43.294	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.580%		
21) 2-Butanone-d5	3.783	46	90974	74.319	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.320%		
24) Chloroform-d	4.249	84	132023	41.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.740%		
26) 1,2-Dichloroethane-d4	4.944	65	93622	45.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.820%		
32) Benzene-d6	4.960	84	264784	43.367	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.740%		
36) 1,2-Dichloropropane-d6	5.989	67	84270	41.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.860%		
41) Toluene-d8	7.243	98	244726	44.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.980%		
43) trans-1,3-Dichloroprop...	7.554	79	38457	38.717	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.440%		
47) 2-Hexanone-d5	8.024	63	63718	76.432	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.430%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	106096	41.351	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.700%		
66) 1,2-Dichlorobenzene-d4	11.561	152	94653	46.012	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.020%		
Target Compounds						Qvalue
8) Chloroethane	1.333	64	2254	1.799	ug/L #	53
20) cis-1,2-Dichloroethene	3.818	96	72278	41.717	ug/L	96
34) Trichloroethene	5.837	95	17085	10.097	ug/L	99
35) Methylcyclohexane	5.989	83	20306	7.012	ug/L #	16
37) 1,2-Dichloropropane	5.985	63	10195	5.873	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	3000	1.035	ug/L #	73
44) trans-1,3-Dichloropropene	7.554	75	2032	0.761	ug/L	89
46) Tetrachloroethene	7.908	164	6807	5.485	ug/L	95
49) Dibromochloromethane	7.908	129	6556	3.997	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	13221	6.871	ug/L #	67

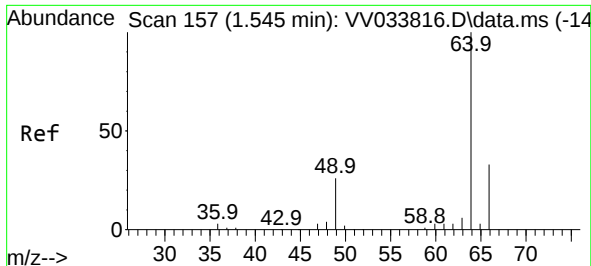
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration

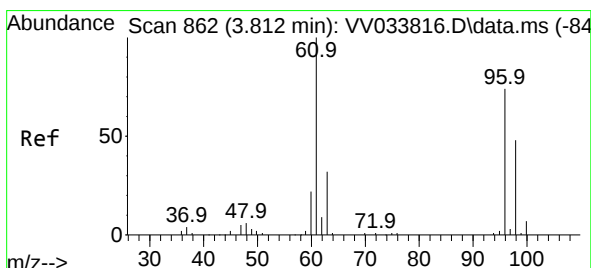
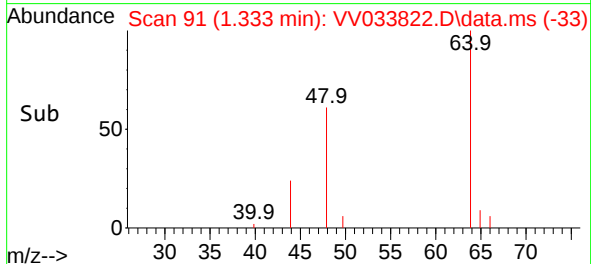
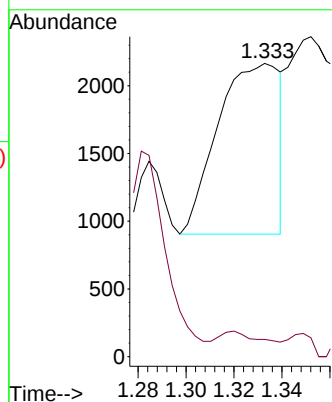
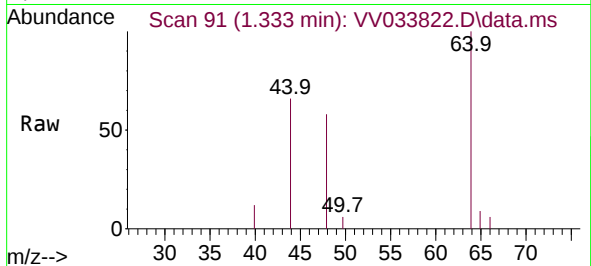




#8
Chloroethane
Concen: 1.799 ug/L
RT: 1.333 min Scan# 91
Delta R.T. -0.212 min
Lab File: VV033822.D
Acq: 23 Jan 2024 12:01

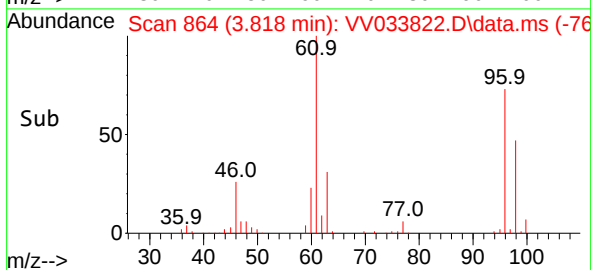
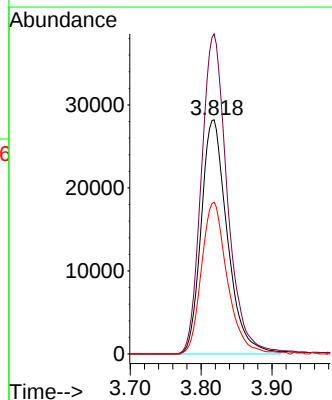
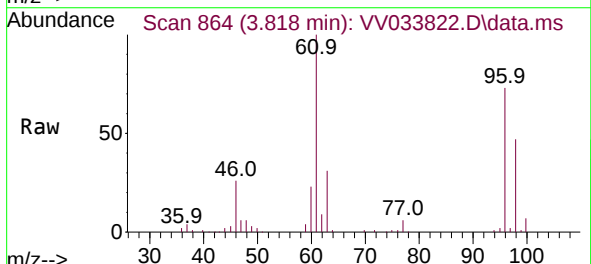
Instrument :
MSVOA_V
ClientSampleId :

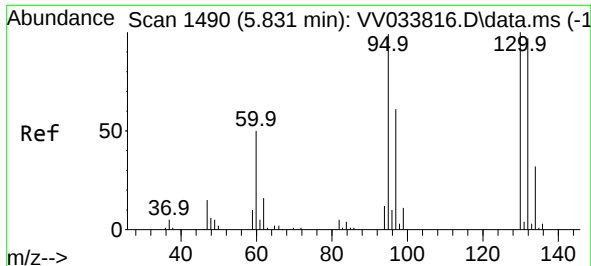
Tgt Ion: 64 Resp: 2254
Ion Ratio Lower Upper
64 100
66 5.9 22.5 41.9#



#20
cis-1,2-Dichloroethene
Concen: 41.717 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV033822.D
Acq: 23 Jan 2024 12:01

Tgt Ion: 96 Resp: 72278
Ion Ratio Lower Upper
96 100
61 136.6 100.6 186.8
98 64.8 44.6 82.8



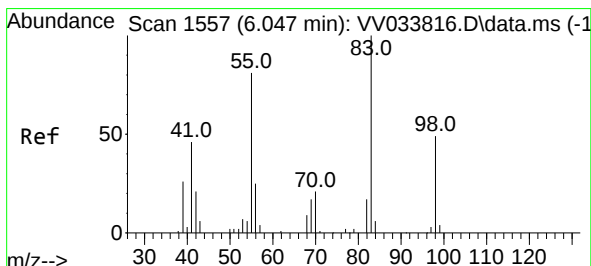
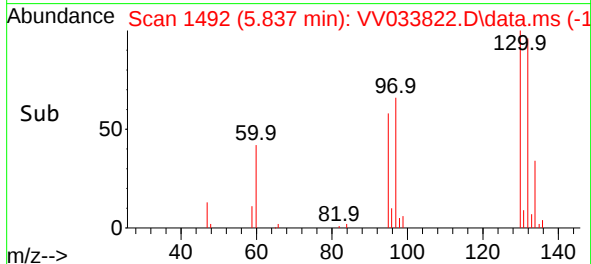
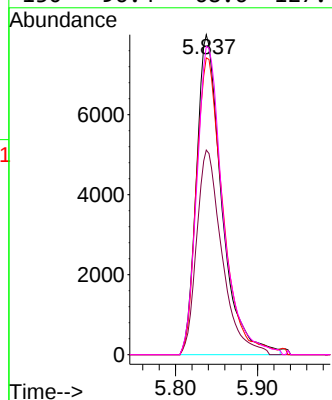
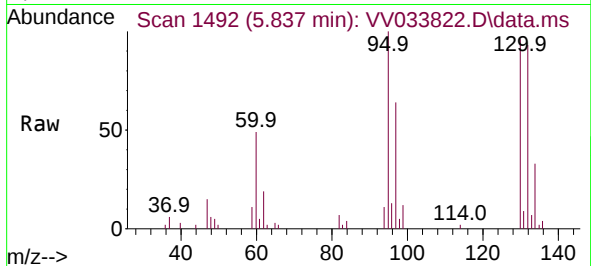


#34
Trichloroethene
Concen: 10.097 ug/L
RT: 5.837 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV033822.D
Acq: 23 Jan 2024 12:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 17085

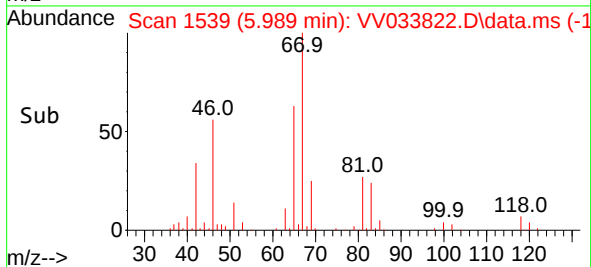
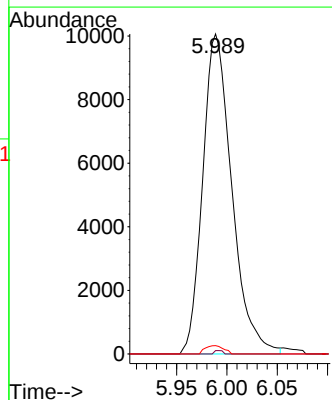
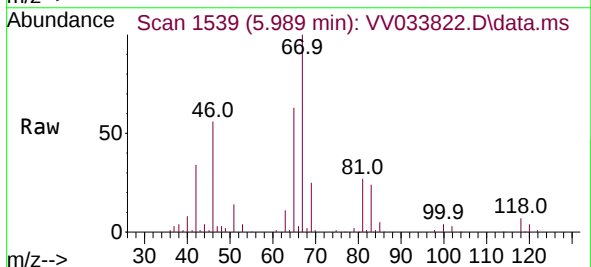
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.4	82.4
132	92.7	65.5	121.7
130	96.4	68.6	127.4

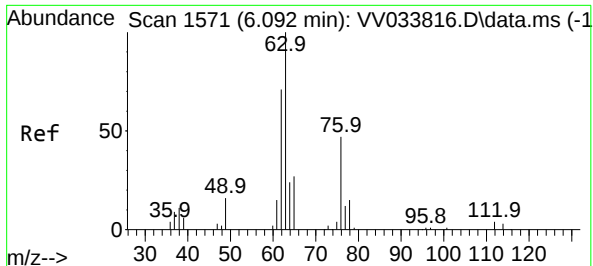


#35
Methylcyclohexane
Concen: 7.012 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033822.D
Acq: 23 Jan 2024 12:01

Tgt Ion: 83 Resp: 20306

Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.1	100.7#
98	1.7	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 5.873 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV033822.D

Acq: 23 Jan 2024 12:01

Instrument :

MSVOA_V

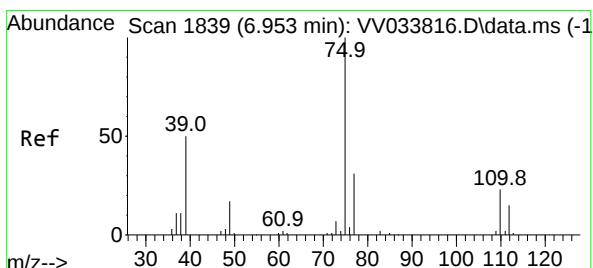
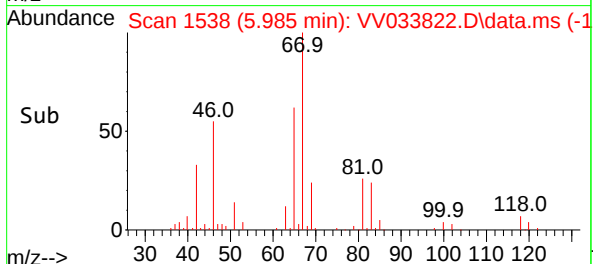
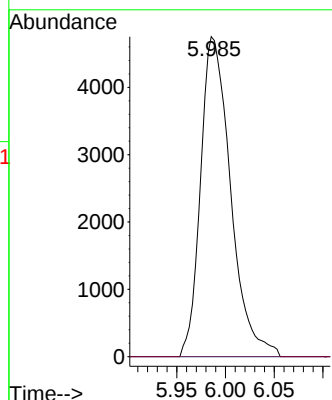
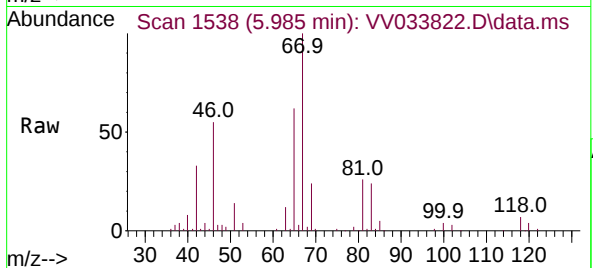
ClientSampleId :

Tgt Ion: 63 Resp: 10195

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 1.035 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.039 min

Lab File: VV033822.D

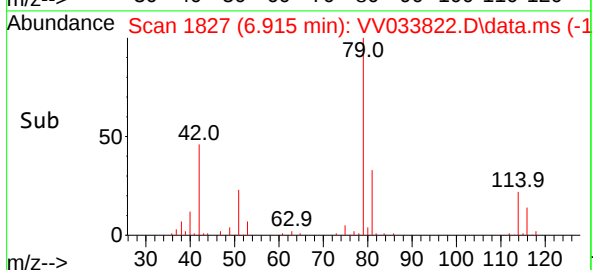
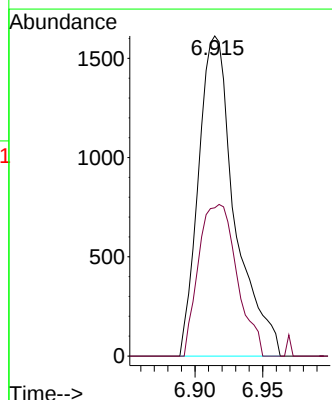
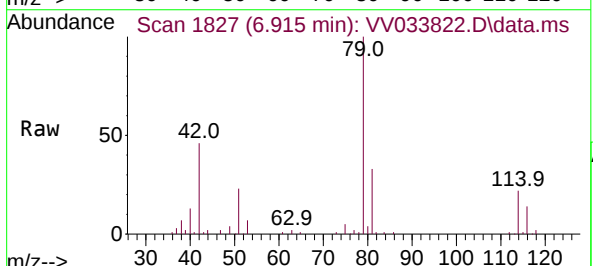
Acq: 23 Jan 2024 12:01

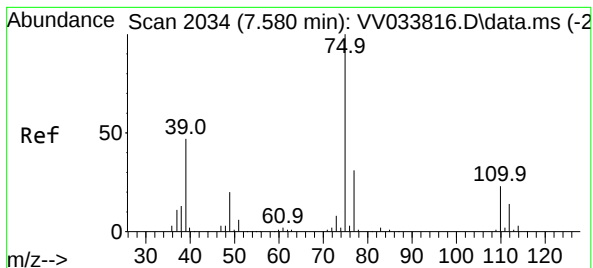
Tgt Ion: 75 Resp: 3000

Ion Ratio Lower Upper

75 100

77 46.3 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.761 ug/L

RT: 7.554 min Scan# 2032

Delta R.T. -0.026 min

Lab File: VV033822.D

Acq: 23 Jan 2024 12:01

Instrument :

MSVOA_V

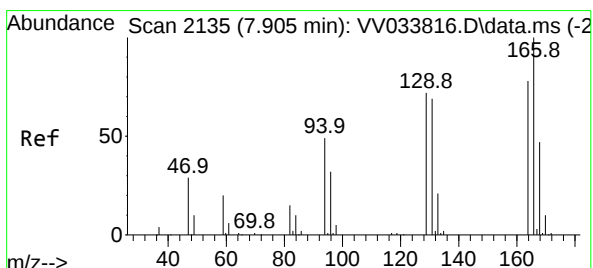
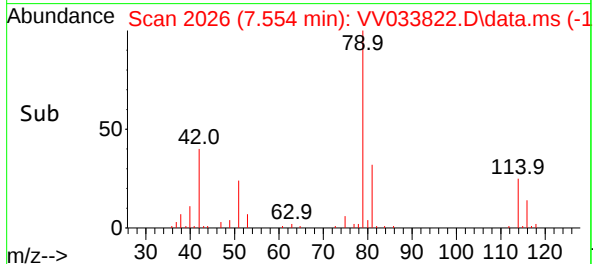
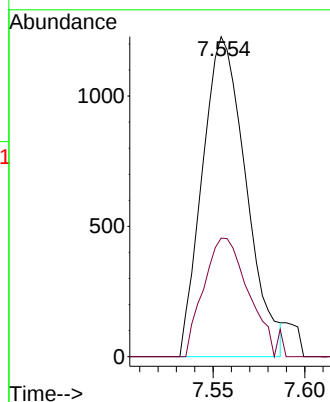
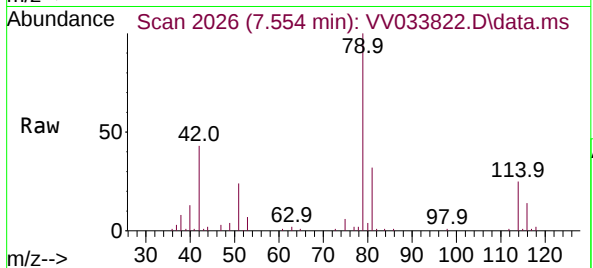
ClientSampleId :

Tgt Ion: 75 Resp: 2032

Ion Ratio Lower Upper

75 100

77 37.1 21.6 40.0



#46

Tetrachloroethene

Concen: 5.485 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033822.D

Acq: 23 Jan 2024 12:01

Tgt Ion: 164 Resp: 6807

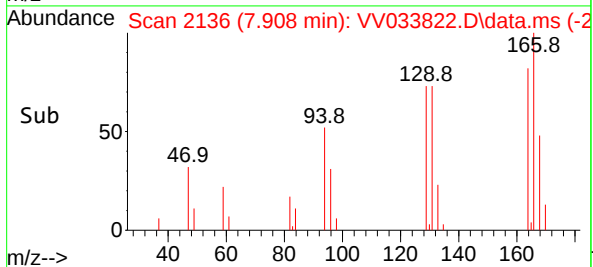
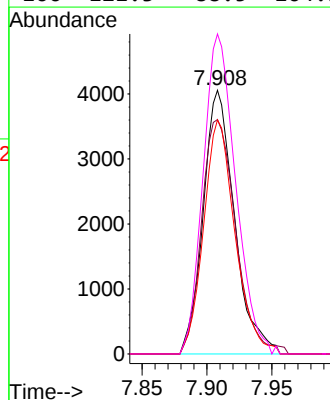
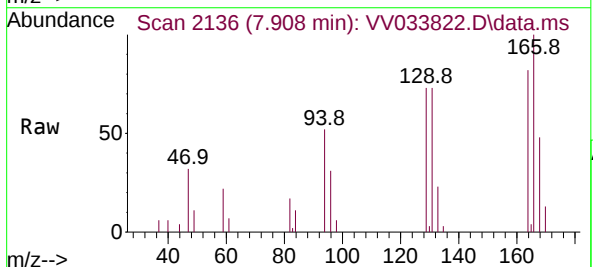
Ion Ratio Lower Upper

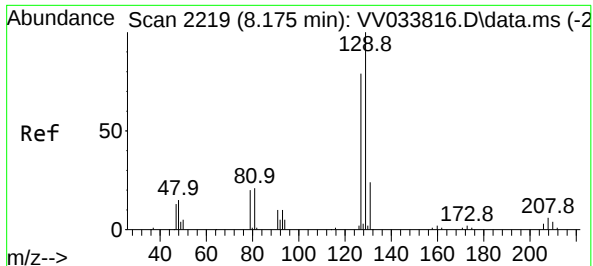
164 100

129 88.9 66.1 122.7

131 88.7 65.9 122.5

166 121.3 88.5 164.3





#49

Dibromochloromethane

Concen: 3.997 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV033822.D

Acq: 23 Jan 2024 12:01

Instrument :

MSVOA_V

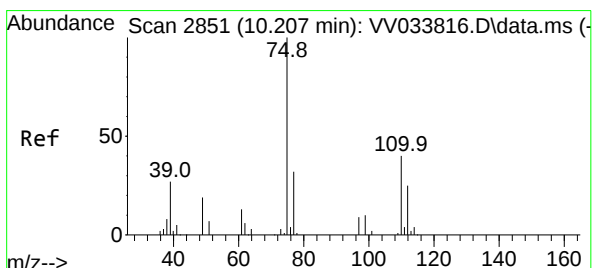
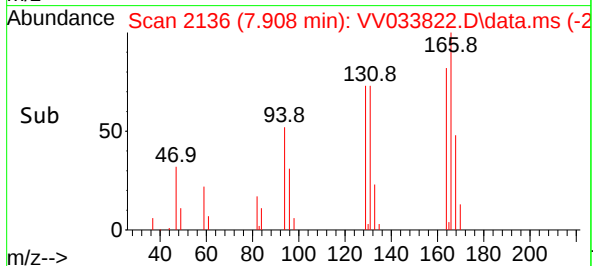
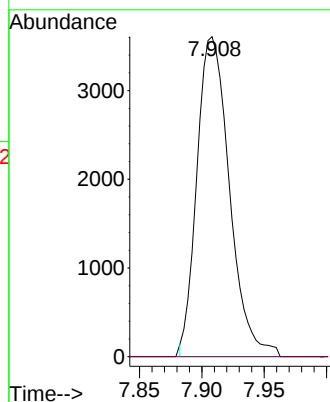
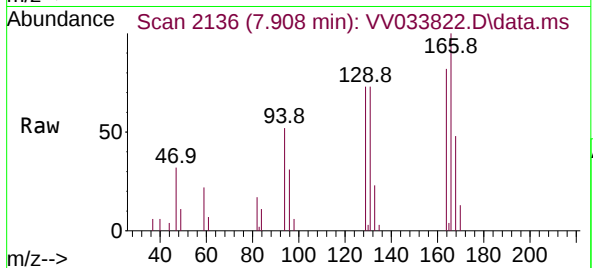
ClientSampleId :

Tgt Ion:129 Resp: 6556

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#61

1,2,3-Trichloropropane

Concen: 6.871 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033822.D

Acq: 23 Jan 2024 12:01

Tgt Ion: 75 Resp: 13221

Ion Ratio Lower Upper

75 100

77 34.6 25.3 37.9

110 3.3 29.5 44.3#

