

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
 Data File : VV036084.D
 Acq On : 14 Jun 2024 11:10
 Operator : SY/MD
 Sample : P2850-12
 Misc : 5.24g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 15 01:31:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

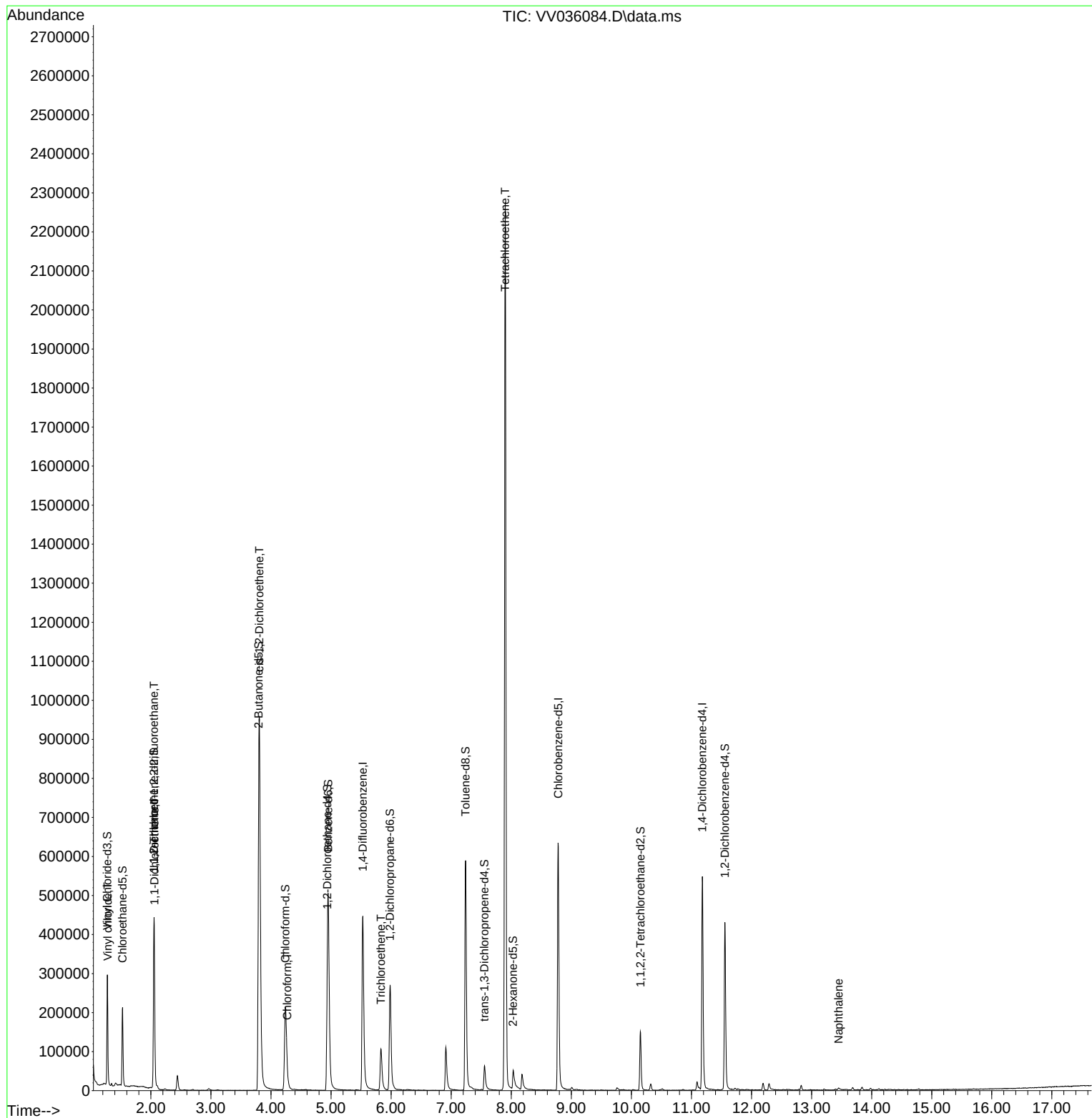
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	397905	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	358307	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146795	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	177810	24.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.240%		
7) Chloroethane-d5	1.529	69	134669	23.087	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.360%		
11) 1,1-Dichloroethene-d2	2.053	65	76109	23.370	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.480%		
21) 2-Butanone-d5	3.796	46	20809	12.398	ug/L	-0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	24.800%		
24) Chloroform-d	4.240	84	234652	18.549	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.200%		
26) 1,2-Dichloroethane-d4	4.937	65	100735	15.188	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	60.760%#		
32) Benzene-d6	4.953	84	488257	22.924	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.680%		
36) 1,2-Dichloropropane-d6	5.982	67	142476	21.242	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.960%		
41) Toluene-d8	7.239	98	403954	21.496	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.000%		
43) trans-1,3-Dichloroprop...	7.555	79	42411	15.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	61.680%		
47) 2-Hexanone-d5	8.030	63	17290	19.027	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	38.060%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	77636	15.490	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	61.960%		
66) 1,2-Dichlorobenzene-d4	11.558	152	112248	20.852	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	5666	0.654	ug/L #	46
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2702	0.396	ug/L #	41
12) 1,1-Dichloroethene	2.060	96	3561	0.559	ug/L #	1
20) cis-1,2-Dichloroethene	3.806	96	547288	80.469	ug/L	99
25) Chloroform	4.272	83	9105	0.687	ug/L	86
34) Trichloroethene	5.831	95	38038	5.296	ug/L	98
46) Tetrachloroethene	7.899	164	507090	96.535	ug/L	99
71) Naphthalene	13.451	128	4921	0.518	ug/L	99

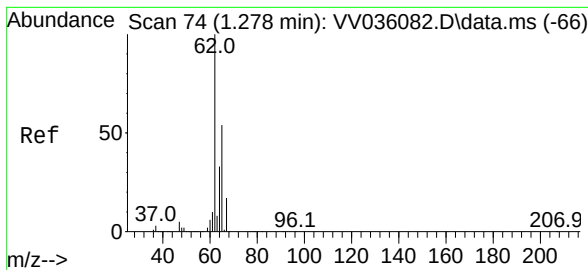
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration

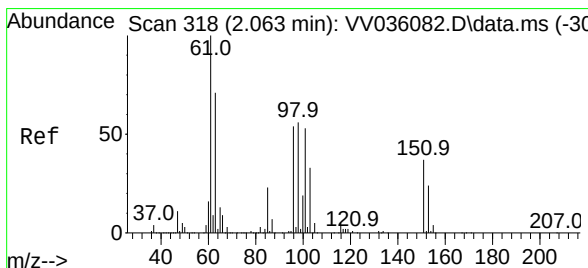
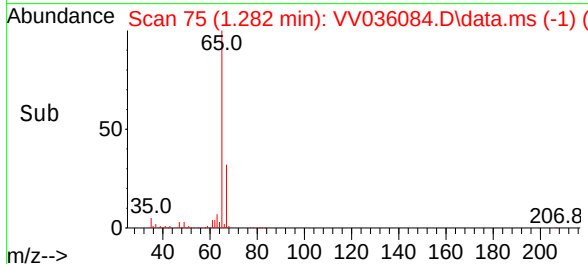
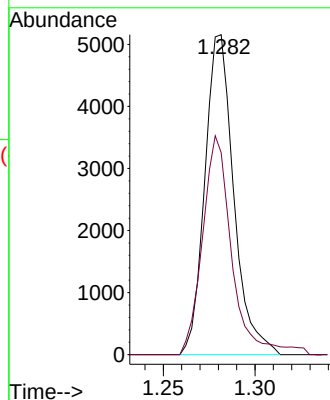
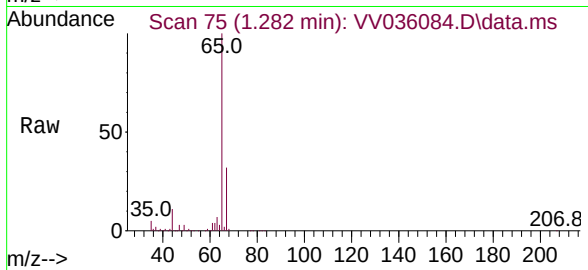




#5
Vinyl chloride
Concen: 0.654 ug/L
RT: 1.282 min Scan# 74
Delta R.T. 0.003 min
Lab File: VV036084.D
Acq: 14 Jun 2024 11:10

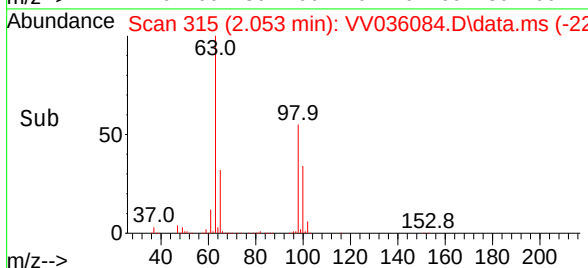
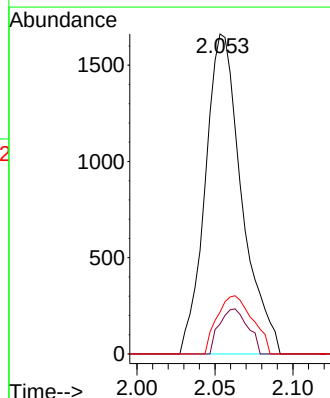
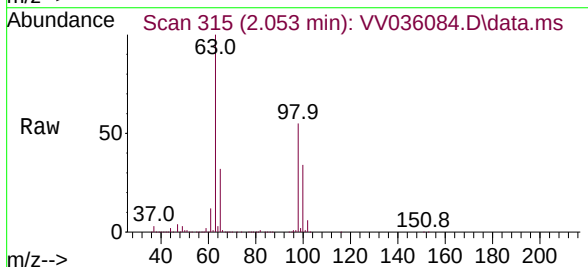
Instrument :
MSVOA_V
ClientSampleId :

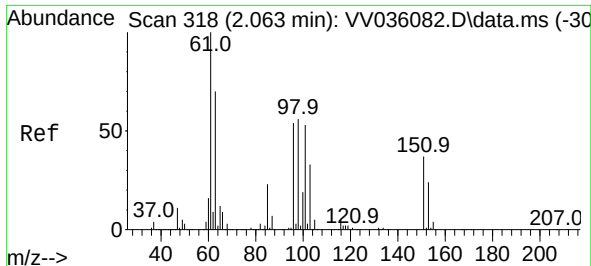
Tgt Ion: 62 Resp: 5666
Ion Ratio Lower Upper
62 100
64 63.2 22.9 42.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.396 ug/L
RT: 2.053 min Scan# 315
Delta R.T. -0.010 min
Lab File: VV036084.D
Acq: 14 Jun 2024 11:10

Tgt Ion: 101 Resp: 2702
Ion Ratio Lower Upper
101 100
85 11.0 34.5 51.7#
151 17.7 56.3 84.5#





#12

1,1-Dichloroethene

Concen: 0.559 ug/L

RT: 2.060 min Scan# 318

Delta R.T. -0.003 min

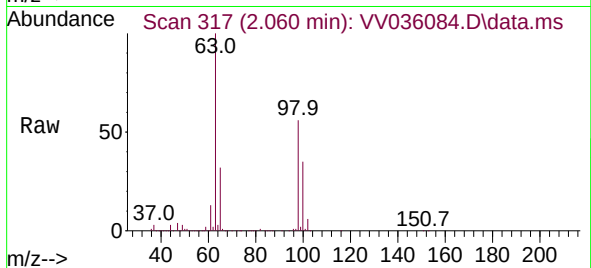
Lab File: VV036084.D

Acq: 14 Jun 2024 11:10

Instrument :

MSVOA_V

ClientSampleId :



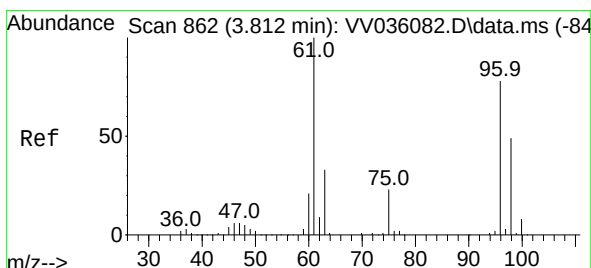
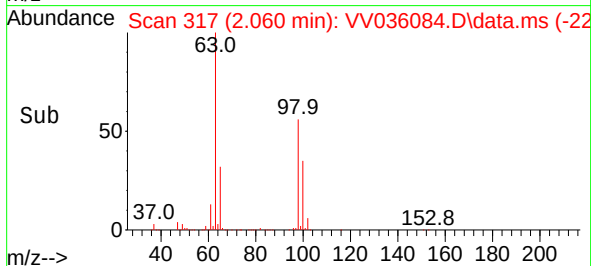
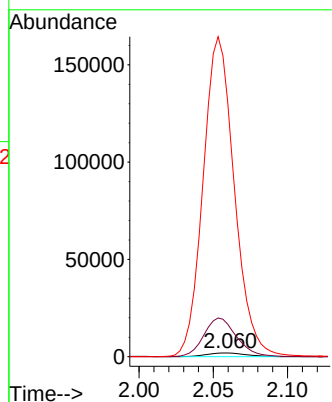
Tgt Ion: 96 Resp: 3561

Ion Ratio Lower Upper

96 100

61 870.1 127.3 236.3#

63 6830.1 93.7 173.9#



#20

cis-1,2-Dichloroethene

Concen: 80.469 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.007 min

Lab File: VV036084.D

Acq: 14 Jun 2024 11:10

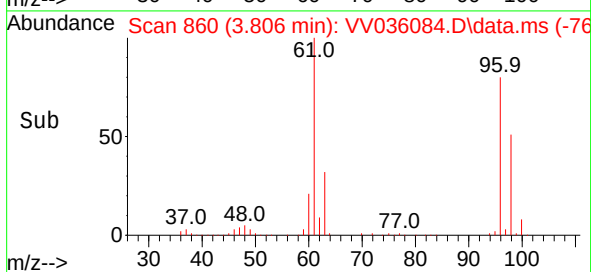
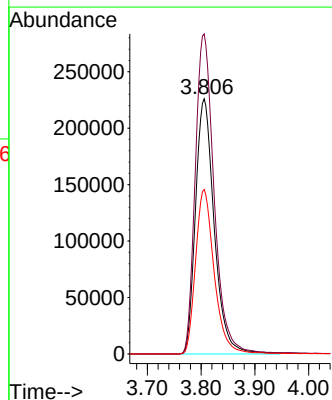
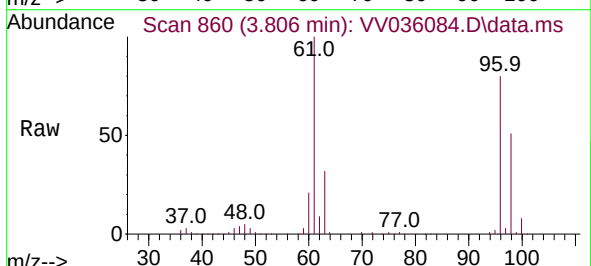
Tgt Ion: 96 Resp: 547288

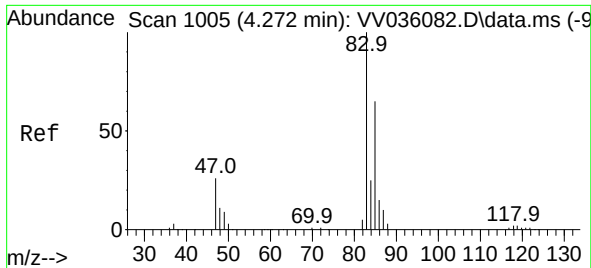
Ion Ratio Lower Upper

96 100

61 125.4 87.9 163.3

98 64.5 44.4 82.5

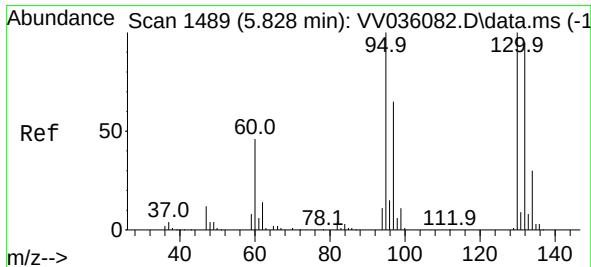
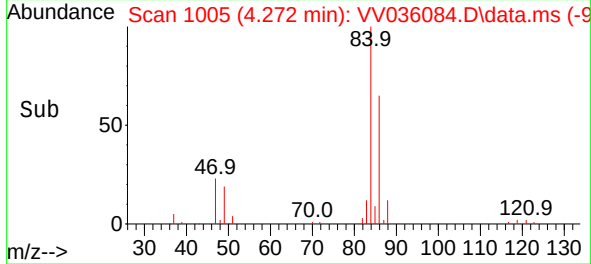
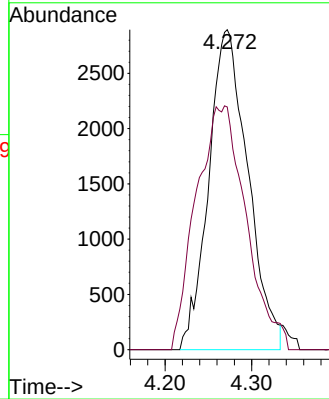
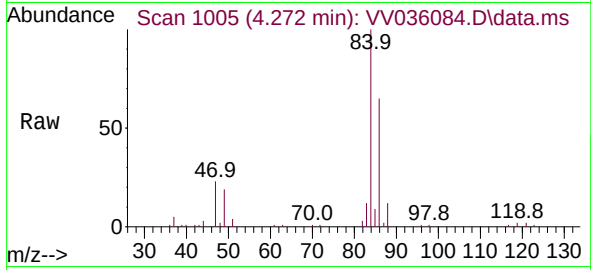




#25
Chloroform
Concen: 0.687 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VV036084.D
Acq: 14 Jun 2024 11:10

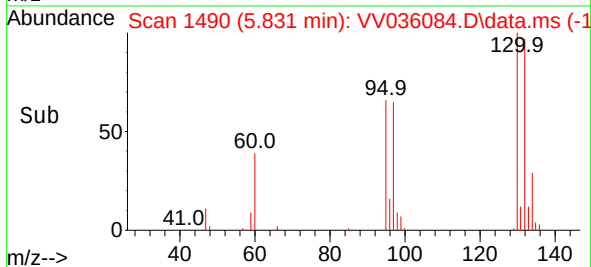
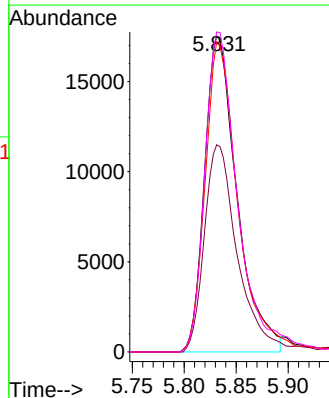
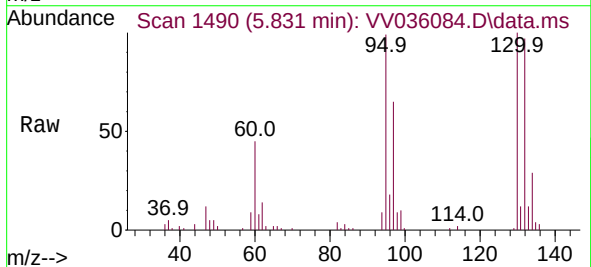
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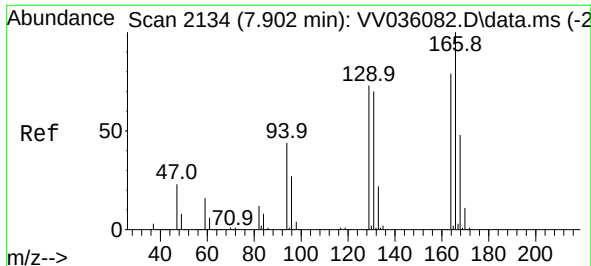
Tgt Ion: 83 Resp: 9105
Ion Ratio Lower Upper
83 100
85 75.9 45.2 84.0



#34
Trichloroethene
Concen: 5.296 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV036084.D
Acq: 14 Jun 2024 11:10

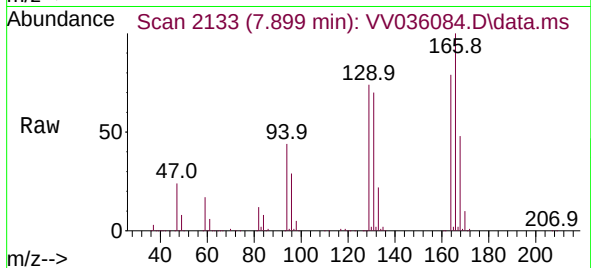
Tgt Ion: 95 Resp: 38038
Ion Ratio Lower Upper
95 100
97 65.6 44.8 83.2
132 98.2 66.8 124.2
130 101.3 70.0 130.0



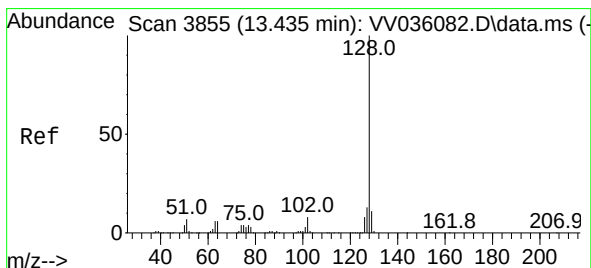
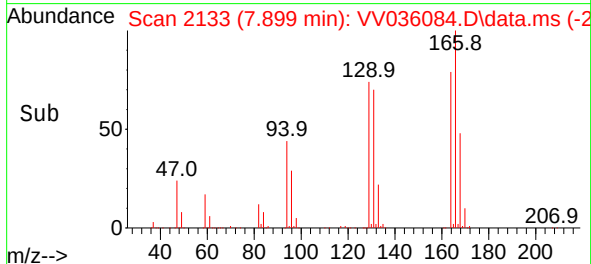
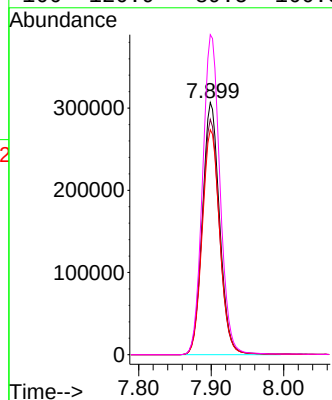


#46
Tetrachloroethene
Concen: 96.535 ug/L
RT: 7.899 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV036084.D
Acq: 14 Jun 2024 11:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 507090
Ion Ratio Lower Upper
164 100
129 93.3 64.6 120.0
131 89.2 63.2 117.4
166 126.9 89.5 166.3



#71
Naphthalene
Concen: 0.518 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV036084.D
Acq: 14 Jun 2024 11:10

Tgt Ion:128 Resp: 4921
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.2 8.8 13.2

