

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036637.D
 Acq On : 23 Jul 2024 11:34
 Operator : SY/MD
 Sample : VV0723SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 00:58:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

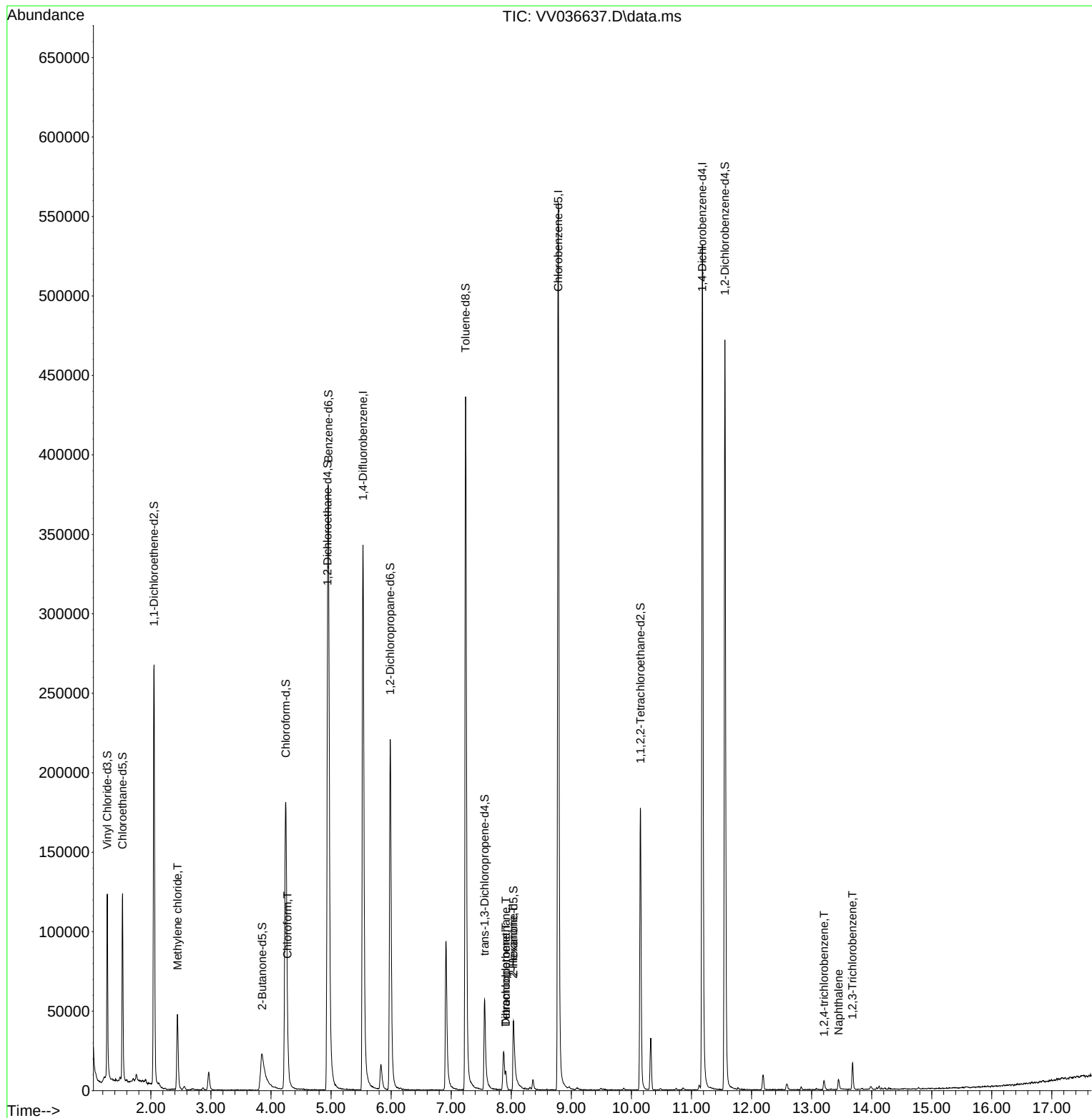
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	330696	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	343215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	157448	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	77663	21.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.760%
7) Chloroethane-d5	1.529	69	77714	23.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
11) 1,1-Dichloroethene-d2	2.050	65	42638	22.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.040%
21) 2-Butanone-d5	3.854	46	19837	23.468	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.940%
24) Chloroform-d	4.246	84	205492	23.495	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.940	65	103150	23.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.640%
32) Benzene-d6	4.957	84	359982	22.130	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.520%
36) 1,2-Dichloropropane-d6	5.985	67	106290	22.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.720%
41) Toluene-d8	7.239	98	318494	20.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.080%
43) trans-1,3-Dichloroprop...	7.558	79	39915	19.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.480%
47) 2-Hexanone-d5	8.037	63	17379	28.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	84601	20.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	137273	24.976	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	22479	3.653	ug/L	98
25) Chloroform	4.275	83	6224	0.638	ug/L	100
46) Tetrachloroethene	7.908	164	2920	0.461	ug/L	93
48) 2-Hexanone	8.034	43	1748	1.064	ug/L #	78
49) Dibromochloromethane	7.908	129	2690	0.488	ug/L #	11
70) 1,2,4-trichlorobenzene	13.207	180	2637	0.382	ug/L	98
71) Naphthalene	13.448	128	6658	0.648	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	2534	0.407	ug/L	96

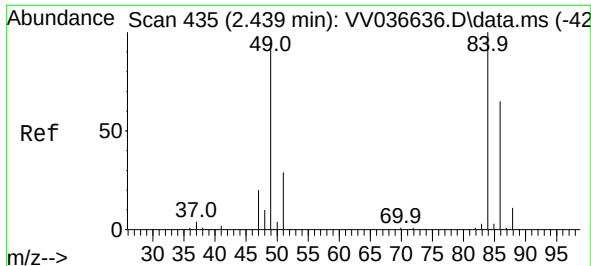
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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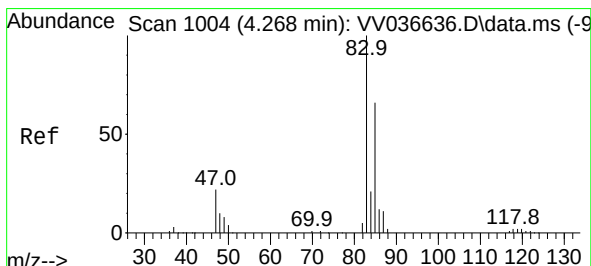
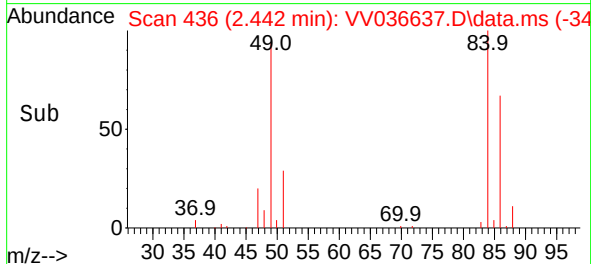
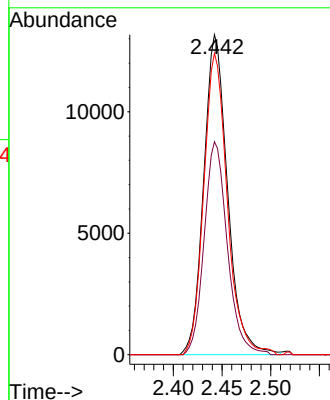
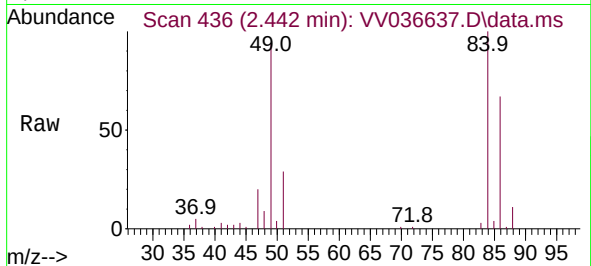




#16
Methylene chloride
Concen: 3.653 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036637.D
Acq: 23 Jul 2024 11:34

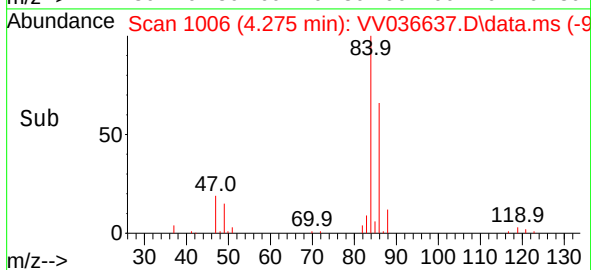
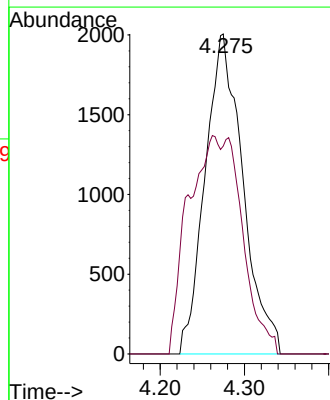
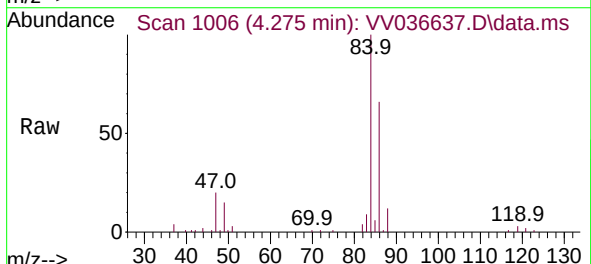
Instrument :
MSVOA_V
ClientSampleId :

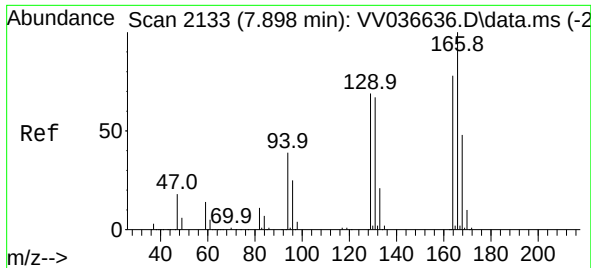
Tgt Ion: 84 Resp: 22479
Ion Ratio Lower Upper
84 100
86 66.5 47.2 87.6
49 94.2 67.3 125.1



#25
Chloroform
Concen: 0.638 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV036637.D
Acq: 23 Jul 2024 11:34

Tgt Ion: 83 Resp: 6224
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.6



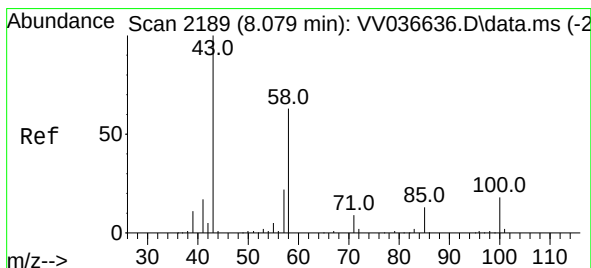
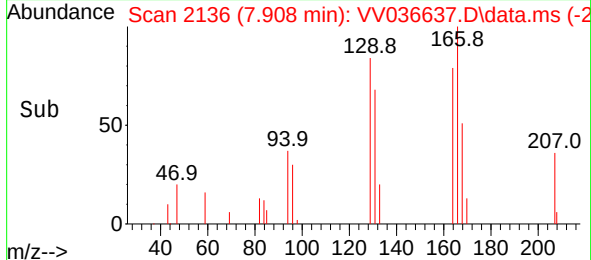
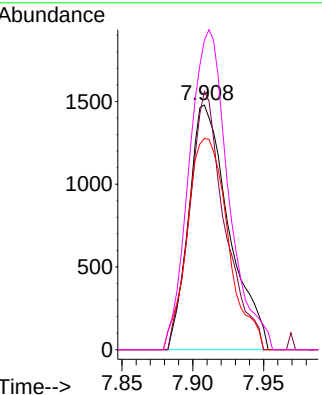
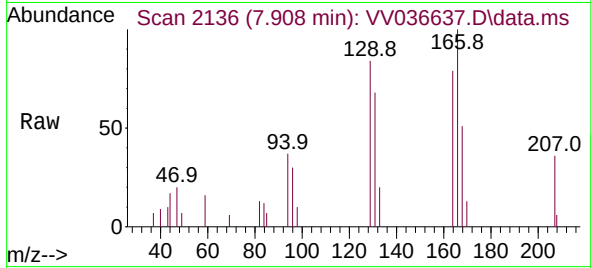


#46
Tetrachloroethene
Concen: 0.461 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV036637.D
Acq: 23 Jul 2024 11:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 2920

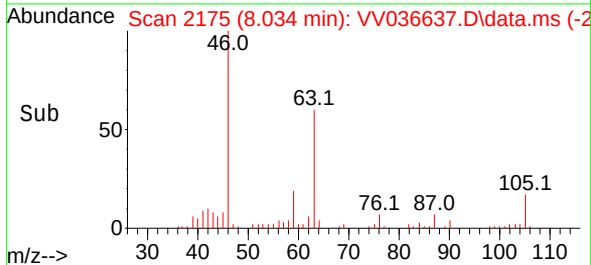
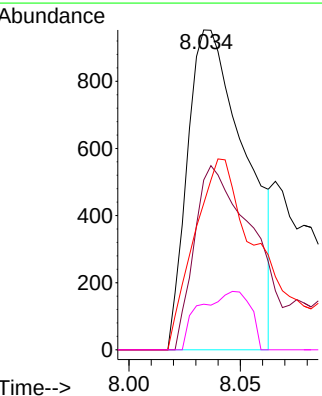
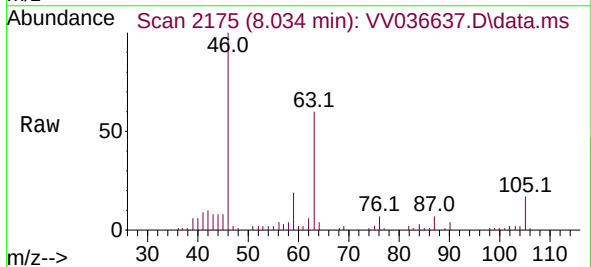
Ion	Ratio	Lower	Upper
164	100		
129	105.5	61.0	113.2
131	86.3	60.1	111.5
166	126.4	89.7	166.7

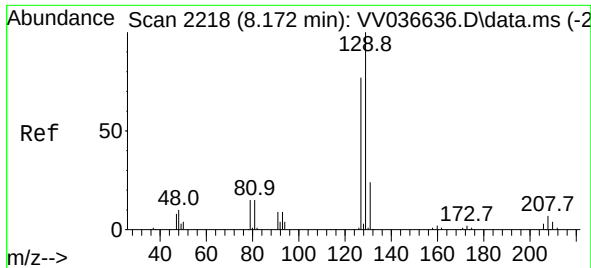


#48
2-Hexanone
Concen: 1.064 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036637.D
Acq: 23 Jul 2024 11:34

Tgt Ion: 43 Resp: 1748

Ion	Ratio	Lower	Upper
43	100		
58	57.7	50.6	75.8
57	50.0	17.7	26.5#
100	5.5	13.9	20.9#





#49

Dibromochloromethane

Concen: 0.488 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.264 min

Lab File: VV036637.D

Acq: 23 Jul 2024 11:34

Instrument :

MSVOA_V

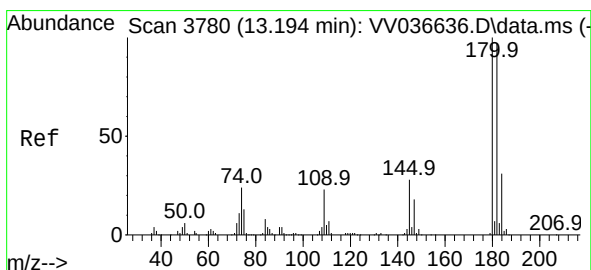
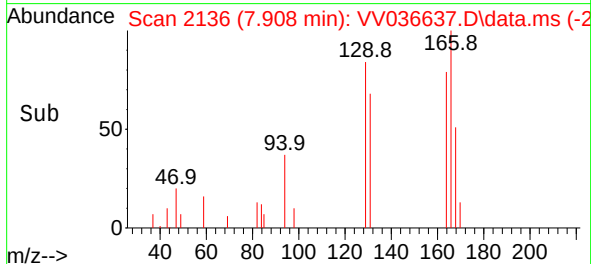
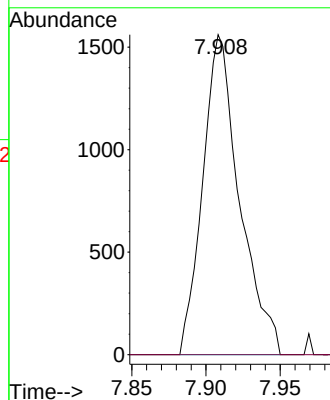
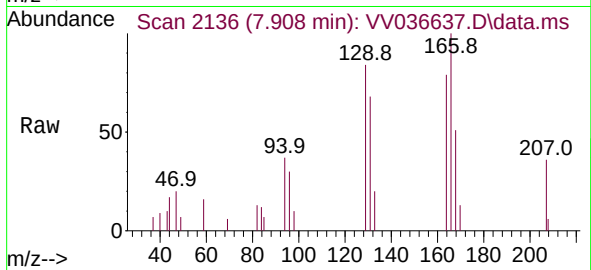
ClientSampleId :

Tgt Ion:129 Resp: 2690

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#70

1,2,4-trichlorobenzene

Concen: 0.382 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.013 min

Lab File: VV036637.D

Acq: 23 Jul 2024 11:34

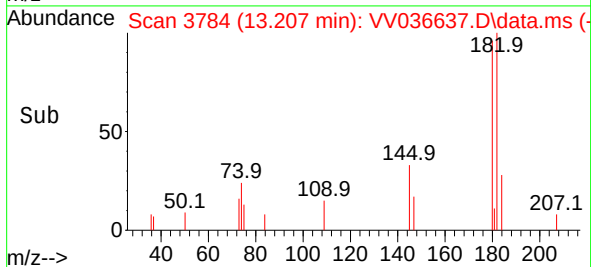
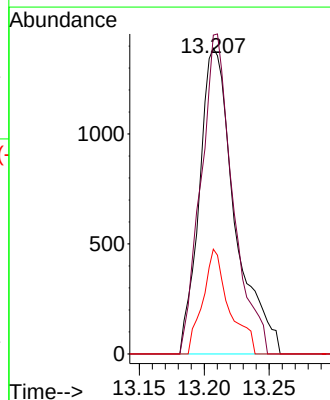
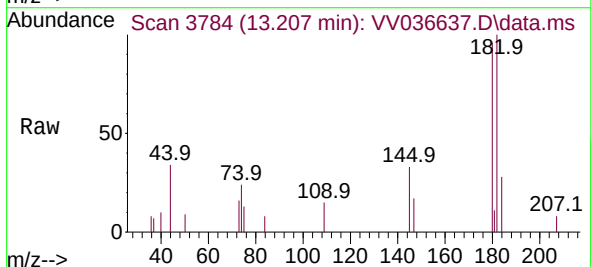
Tgt Ion:180 Resp: 2637

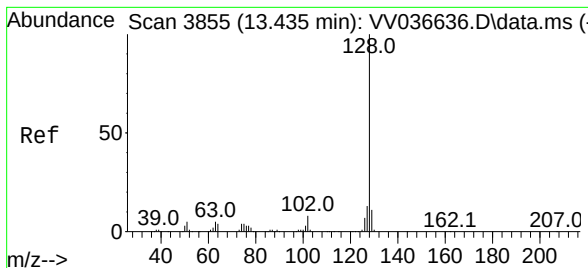
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

145 25.4 23.0 34.6





#71

Naphthalene

Concen: 0.648 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV036637.D

Acq: 23 Jul 2024 11:34

Instrument :

MSVOA_V

ClientSampleId :

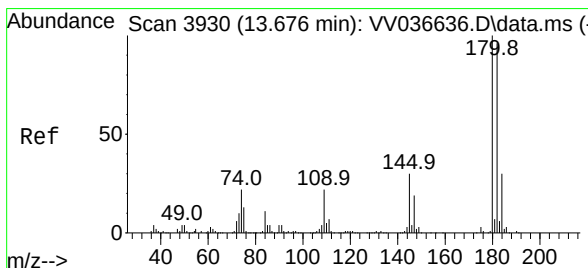
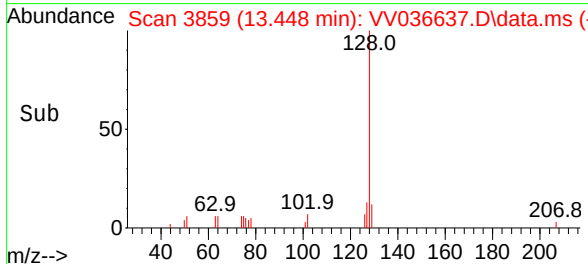
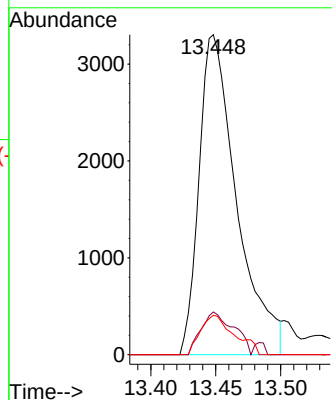
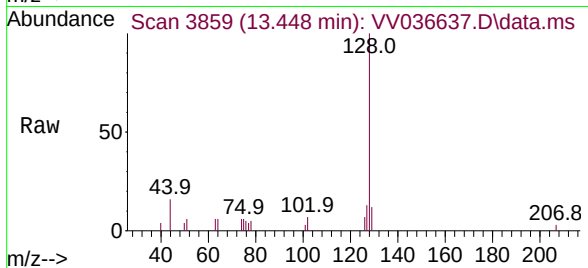
Tgt Ion:128 Resp: 6658

Ion Ratio Lower Upper

128 100

127 11.6 10.4 15.6

129 9.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 0.407 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036637.D

Acq: 23 Jul 2024 11:34

Tgt Ion:180 Resp: 2534

Ion Ratio Lower Upper

180 100

182 99.0 75.6 113.4

145 31.7 24.6 37.0

