

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037450.D
 Acq On : 20 Sep 2024 23:18
 Operator : SY/MD
 Sample : P4107-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:53:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

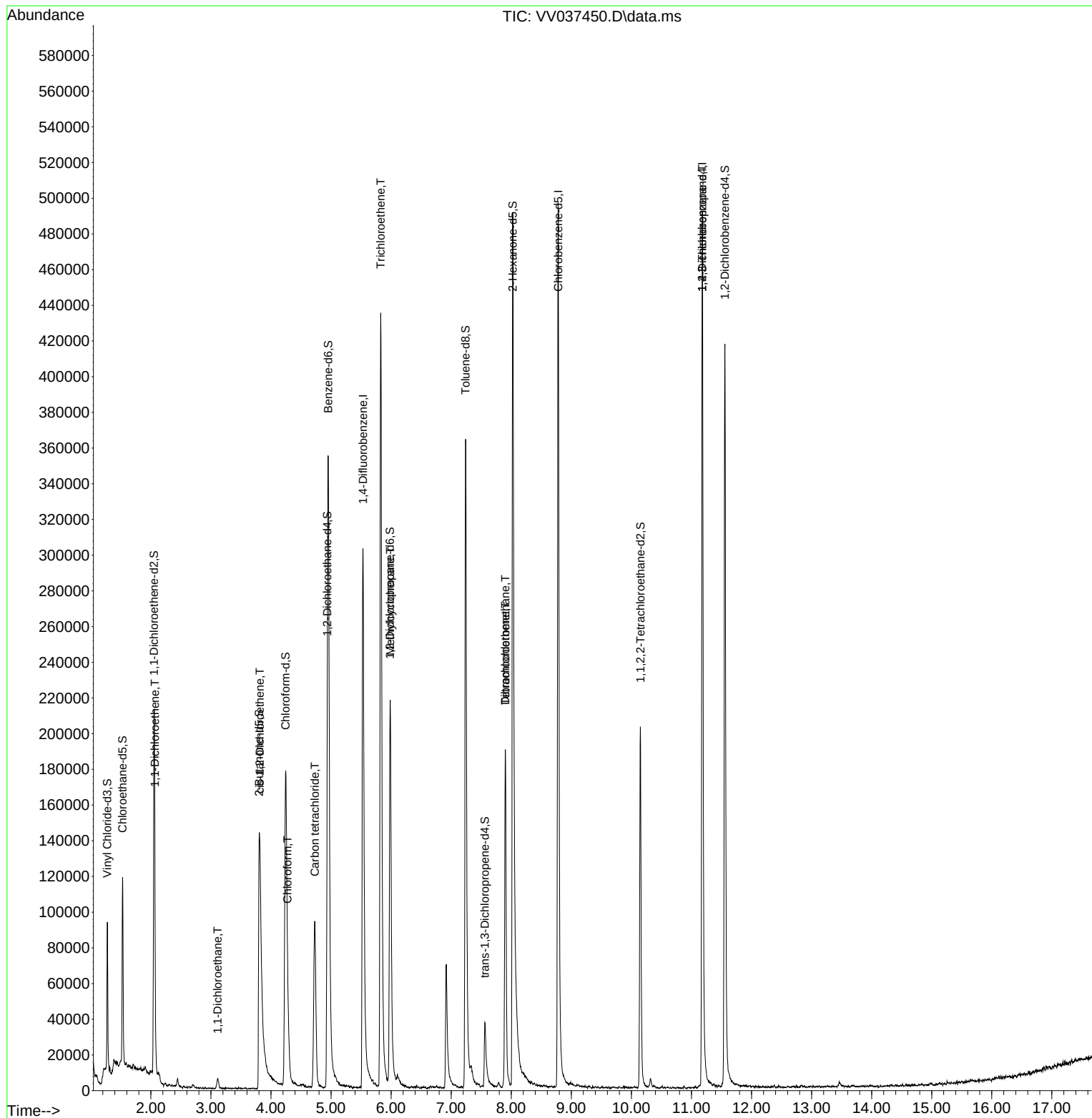
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	293339	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	301782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137937	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51782	3.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.529	69	68078	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.053	65	30248	3.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.802	46	249060	48.426	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.860%
24) Chloroform-d	4.243	84	189681	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.937	65	93331	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.953	84	332020	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.982	67	116126	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.239	98	269732	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.561	79	28002	3.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.024	63	200384	49.552	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102452	4.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.557	152	117453	4.789	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
12) 1,1-Dichloroethene	2.066	96	14804	0.720	ug/L #	1
19) 1,1-Dichloroethane	3.114	63	5971	0.145	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	17702	0.757	ug/L	97
25) Chloroform	4.275	83	45291	1.089	ug/L	96
31) Carbon tetrachloride	4.728	117	74167	2.435	ug/L	98
34) Trichloroethene	5.828	95	168896	6.893	ug/L	98
35) Methylcyclohexane	5.985	83	27900	0.749	ug/L #	19
47) Tetrachloroethene	7.902	164	44771	2.553	ug/L	97
49) Dibromochloromethane	7.902	129	41037	2.366	ug/L #	11
61) 1,2,3-Trichloropropane	11.181	75	16428	1.309	ug/L #	62

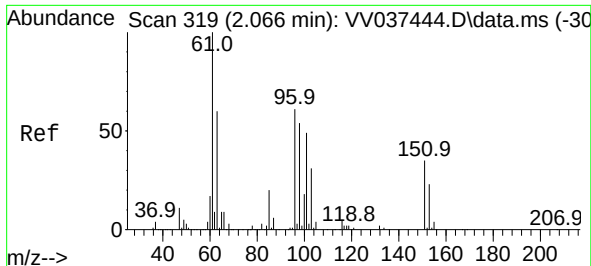
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 21 01:15:22 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.720 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

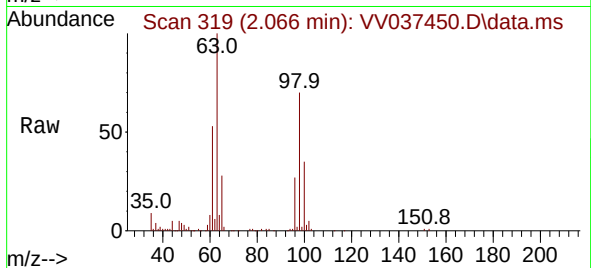
Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :



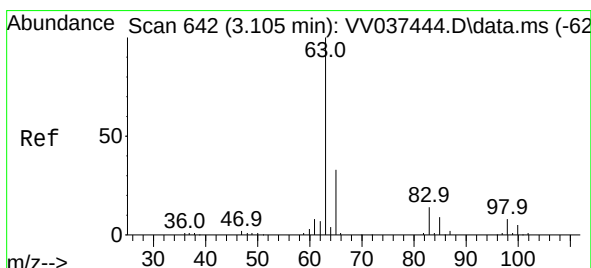
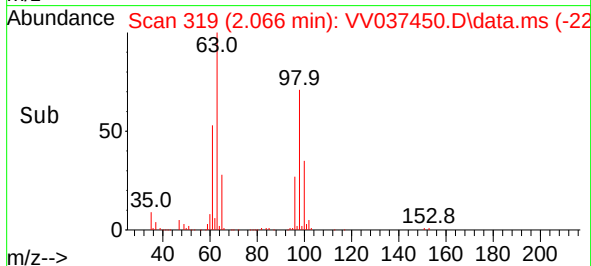
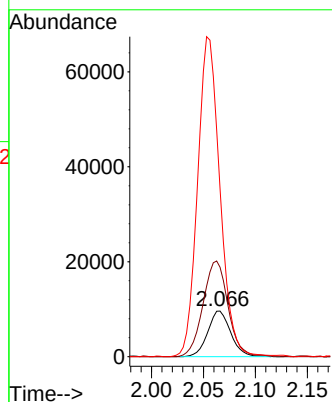
Tgt Ion: 96 Resp: 14804

Ion Ratio Lower Upper

96 100

61 196.3 119.9 222.7

63 368.8 81.4 151.2#



#19

1,1-Dichloroethane

Concen: 0.145 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.010 min

Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

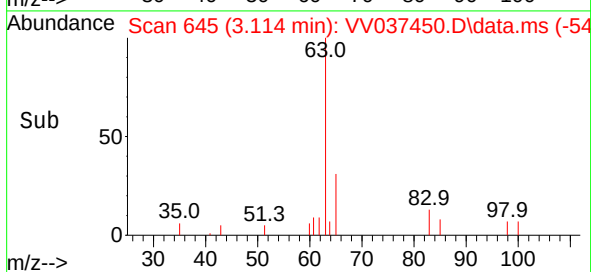
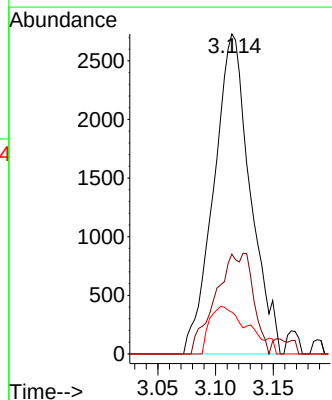
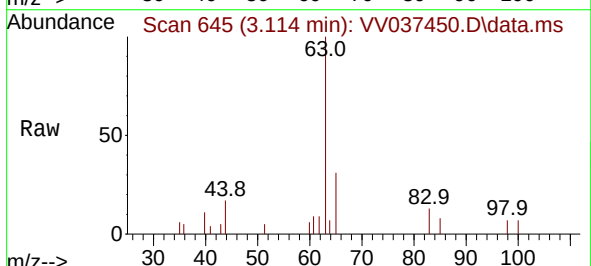
Tgt Ion: 63 Resp: 5971

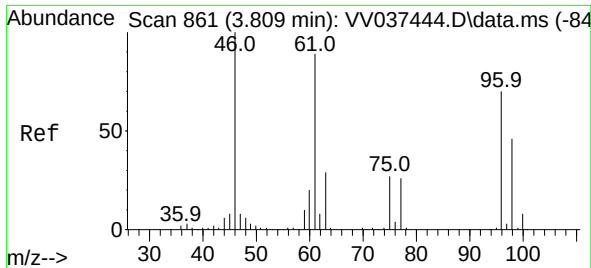
Ion Ratio Lower Upper

63 100

65 29.0 22.5 41.7

83 12.1 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 0.757 ug/L

RT: 3.812 min Scan# 861

Delta R.T. 0.003 min

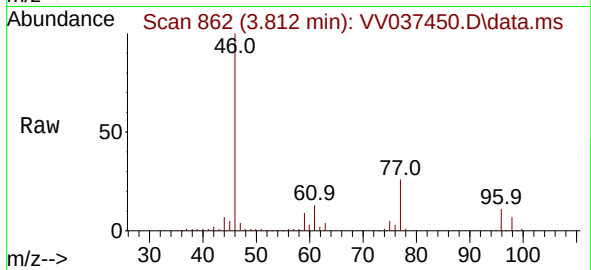
Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :



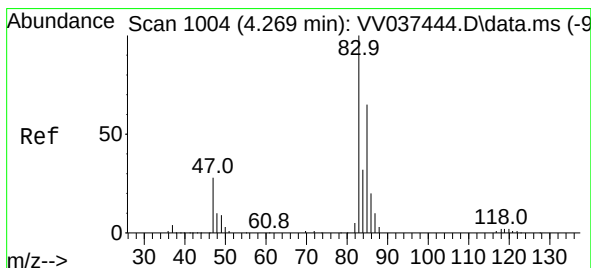
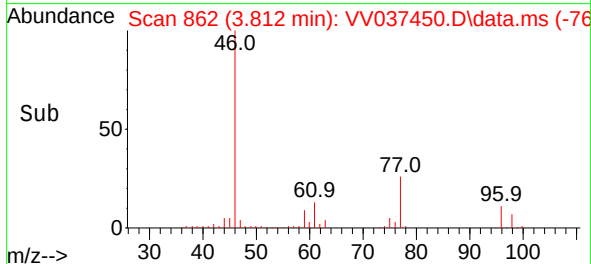
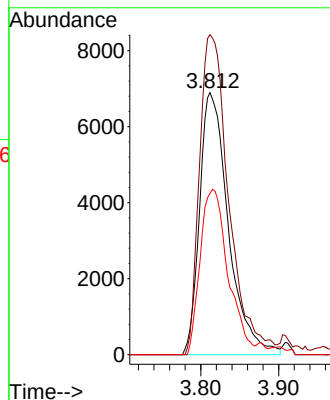
Tgt Ion: 96 Resp: 17702

Ion Ratio Lower Upper

96 100

61 122.1 87.6 162.6

98 61.5 44.9 83.5



#25

Chloroform

Concen: 1.089 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV037450.D

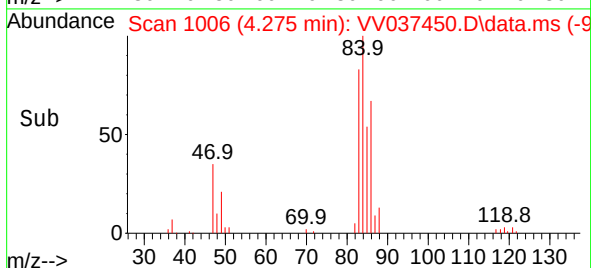
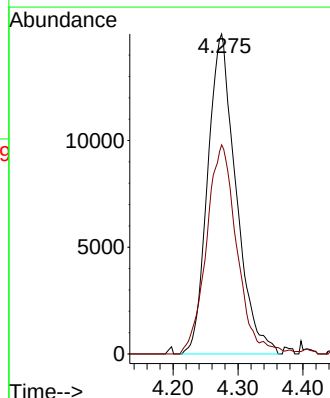
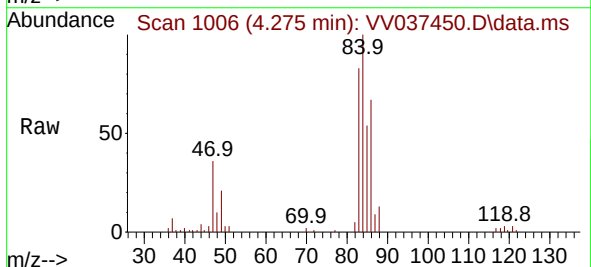
Acq: 20 Sep 2024 23:18

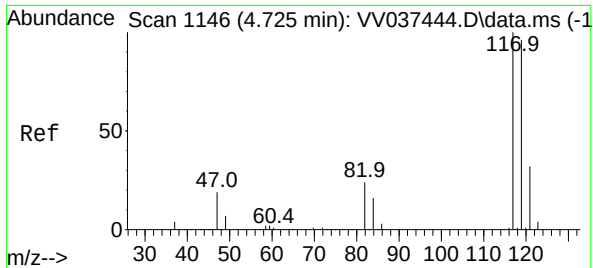
Tgt Ion: 83 Resp: 45291

Ion Ratio Lower Upper

83 100

85 65.3 43.8 81.4

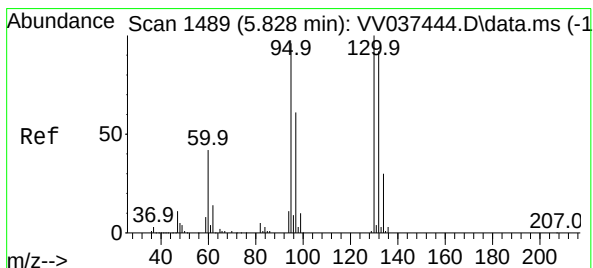
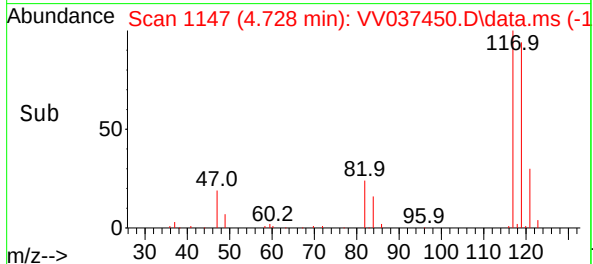
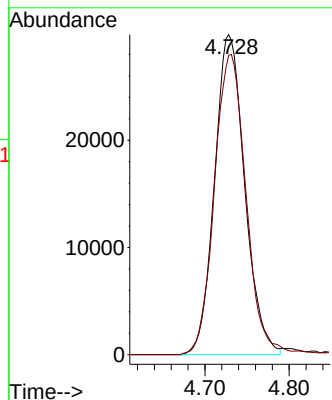
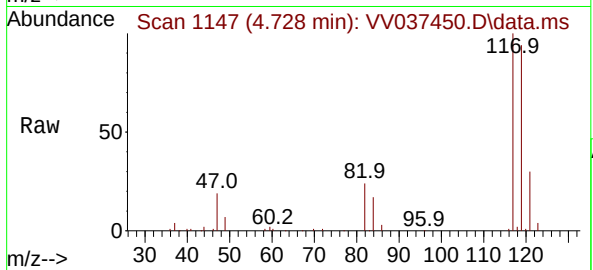




#31
Carbon tetrachloride
Concen: 2.435 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037450.D
Acq: 20 Sep 2024 23:18

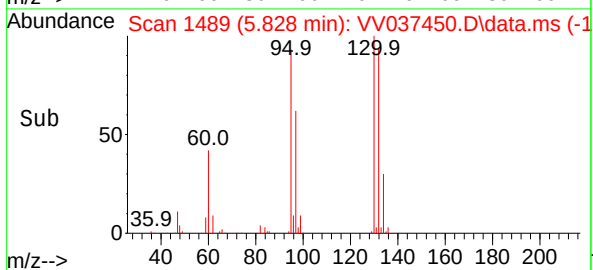
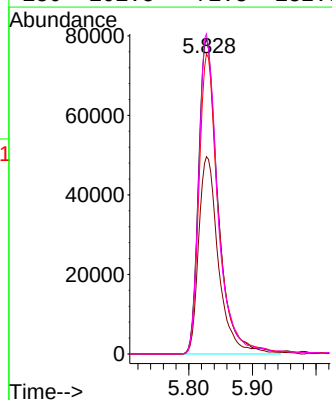
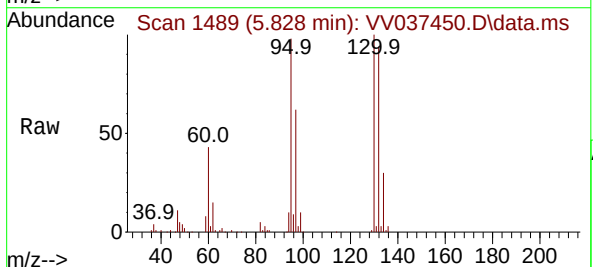
Instrument :
MSVOA_V
ClientSampleId :

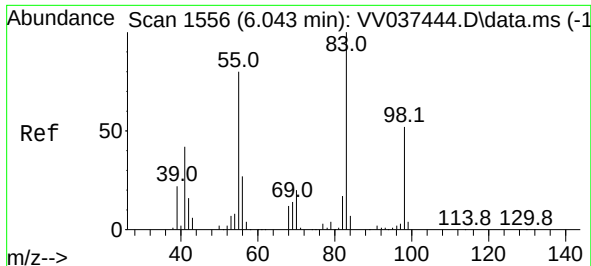
Tgt Ion:117 Resp: 74167
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4



#34
Trichloroethene
Concen: 6.893 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV037450.D
Acq: 20 Sep 2024 23:18

Tgt Ion: 95 Resp: 168896
Ion Ratio Lower Upper
95 100
97 62.6 46.5 86.5
132 95.2 65.5 121.7
130 101.5 71.3 132.3





#35

Methylcyclohexane

Concen: 0.749 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

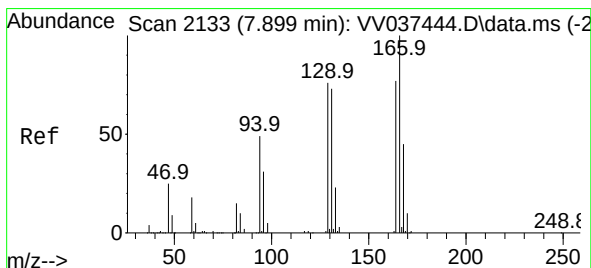
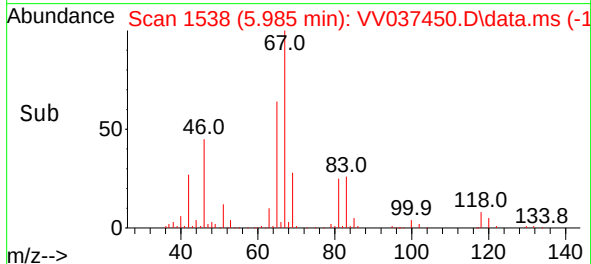
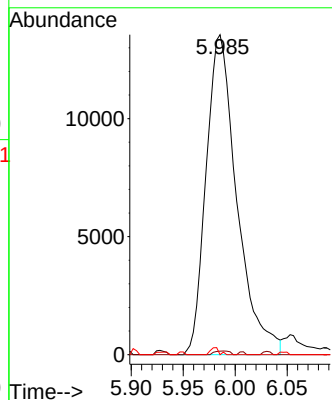
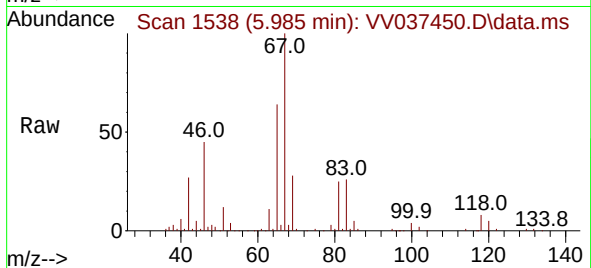
Tgt Ion: 83 Resp: 27900

Ion Ratio Lower Upper

83 100

55 0.6 60.3 90.5#

98 0.6 38.2 57.4#



#47

Tetrachloroethene

Concen: 2.553 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

Tgt Ion:164 Resp: 44771

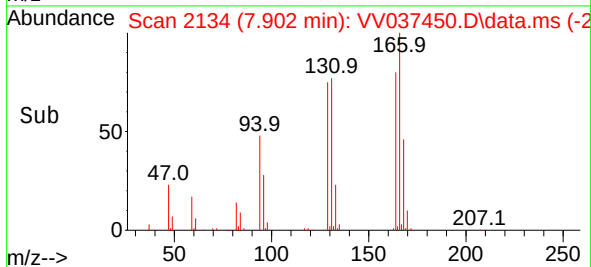
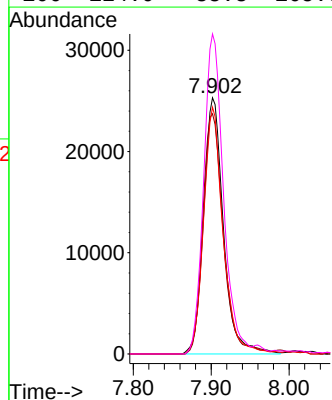
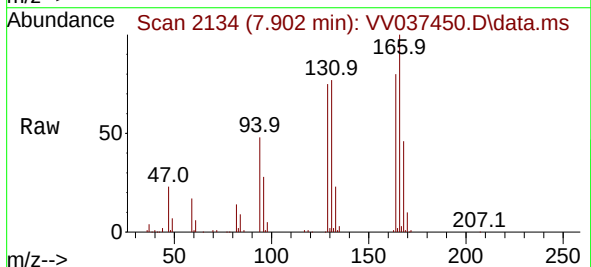
Ion Ratio Lower Upper

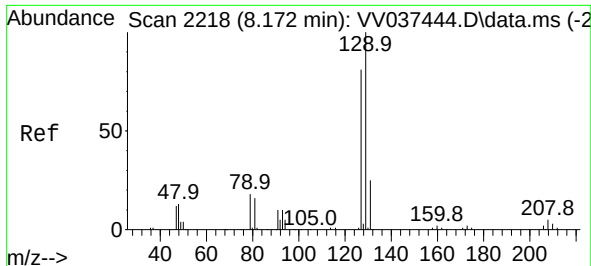
164 100

129 93.8 69.2 128.4

131 96.4 66.6 123.8

166 124.9 88.8 165.0





#49

Dibromochloromethane

Concen: 2.366 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.270 min

Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

Instrument :

MSVOA_V

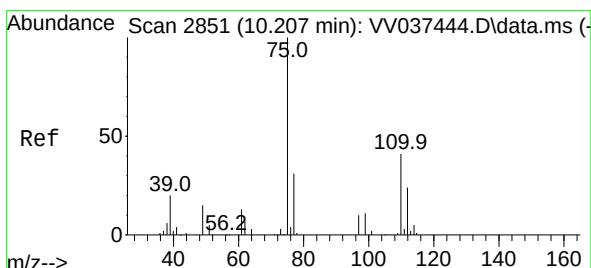
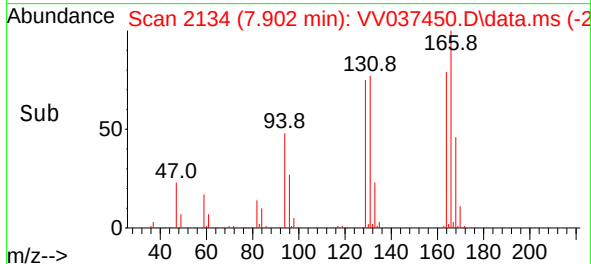
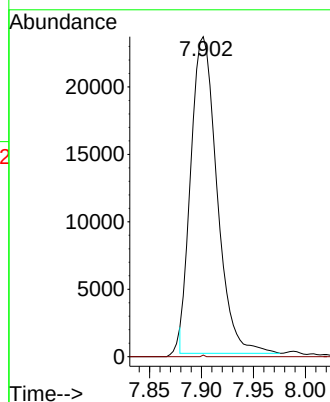
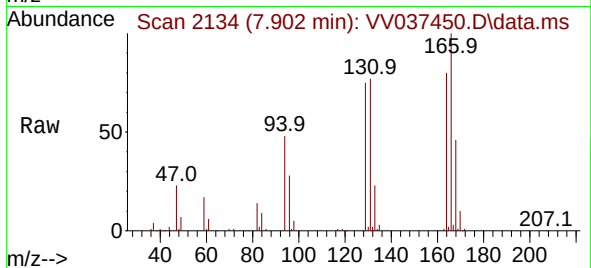
ClientSampleId :

Tgt Ion:129 Resp: 41037

Ion Ratio Lower Upper

129 100

127 0.5 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.309 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

Tgt Ion: 75 Resp: 16428

Ion Ratio Lower Upper

75 100

77 37.8 25.6 38.4

110 1.4 31.0 46.4#

