

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038213.D
 Acq On : 20 Nov 2024 14:20
 Operator : SY/MD
 Sample : P4882-17DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:49:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

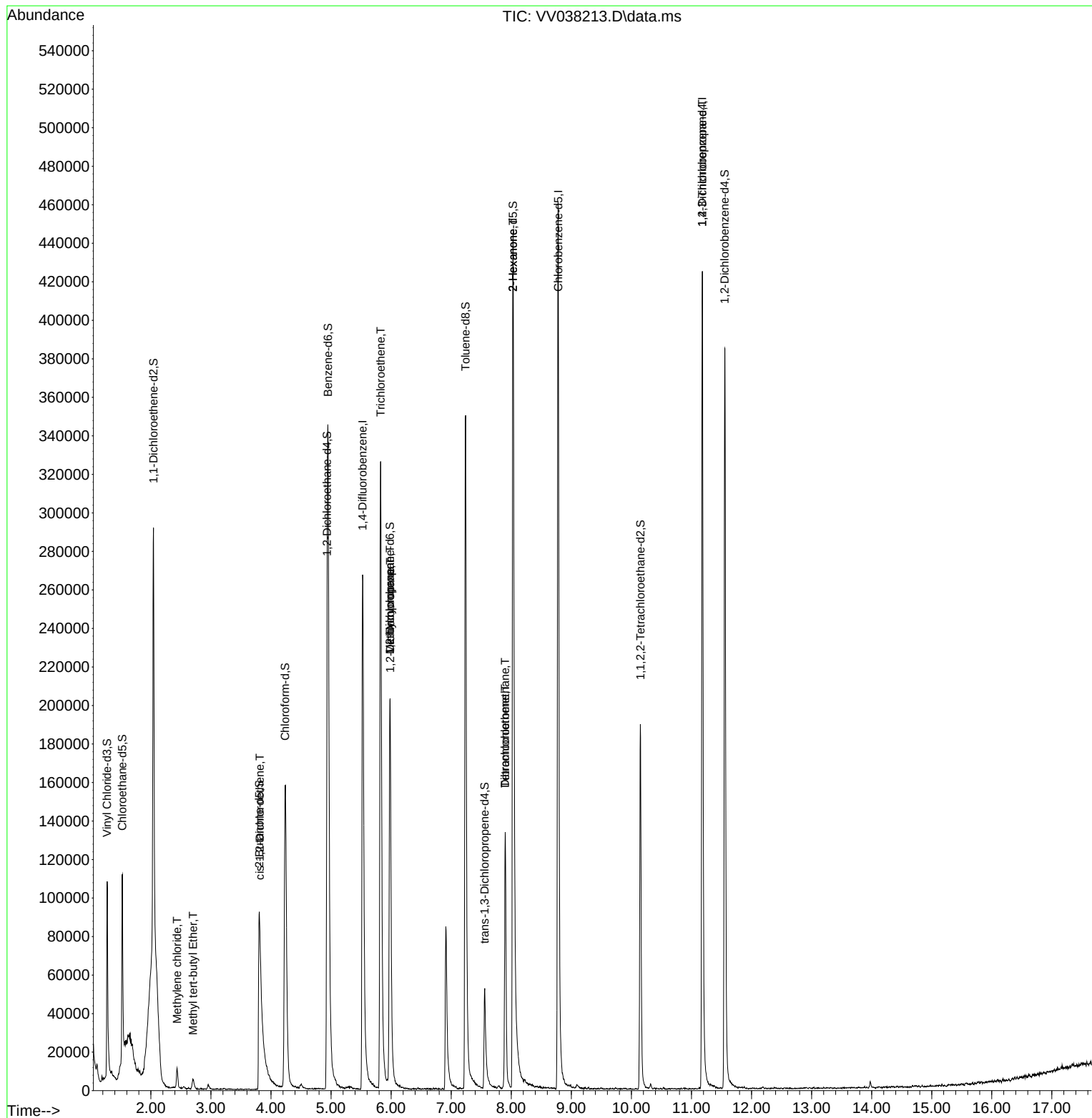
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	262166	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	281200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	121734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	77235	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.523	69	65372	4.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.044	65	35518	4.107	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.806	46	203322	50.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	4.236	84	180540	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.934	65	89753	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	4.950	84	324451	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.982	67	106844	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.239	98	263357	3.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.558	79	38600	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.030	63	188102	58.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.400%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97864	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	111007	5.352	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.436	84	4503	0.211	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	5245	0.124	ug/L #	77
22) cis-1,2-Dichloroethene	3.812	96	4028	0.197	ug/L	90
34) Trichloroethene	5.825	95	124126	5.765	ug/L	98
35) Methylcyclohexane	5.982	83	26568	0.872	ug/L #	20
37) 1,2-Dichloropropane	5.986	63	11022	0.557	ug/L #	87
47) Tetrachloroethene	7.899	164	30649	1.771	ug/L	96
48) 2-Hexanone	8.027	43	20852	2.777	ug/L #	68
49) Dibromochloromethane	7.899	129	29499	1.686	ug/L #	11
61) 1,2,3-Trichloropropane	11.181	75	13576	1.303	ug/L #	65

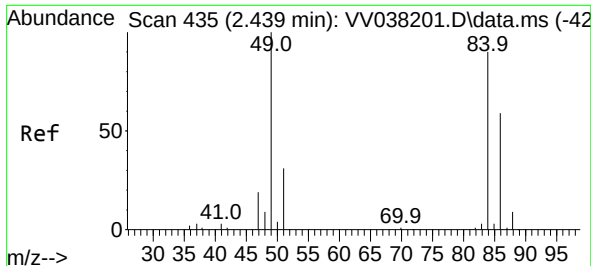
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
Data File : VV038213.D
Acq On : 20 Nov 2024 14:20
Operator : SY/MD
Sample : P4882-17DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 21 01:49:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:41:56 2024
Response via : Initial Calibration

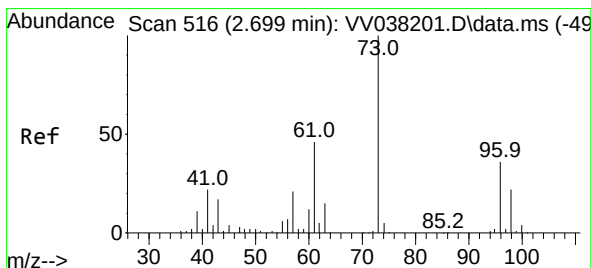
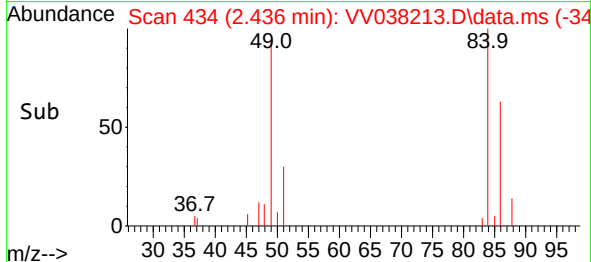
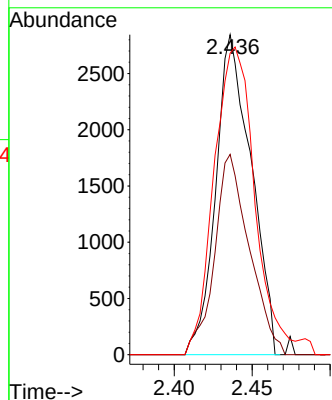
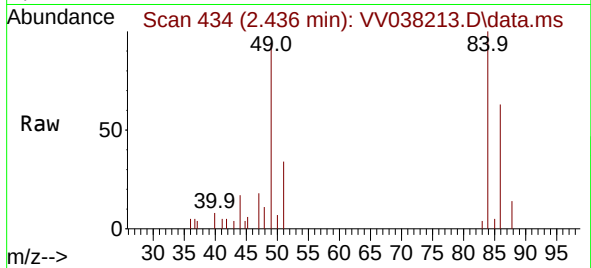




#16
Methylene chloride
Concen: 0.211 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038213.D
Acq: 20 Nov 2024 14:20

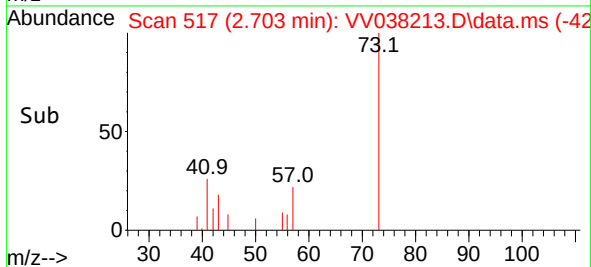
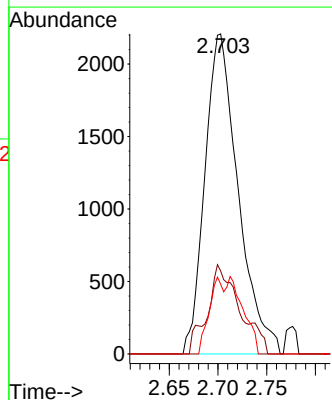
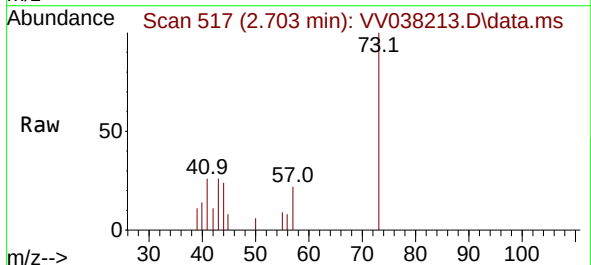
Instrument :
MSVOA_V
ClientSampleId :

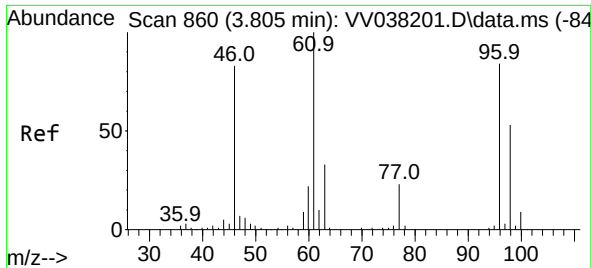
Tgt Ion: 84 Resp: 4503
Ion Ratio Lower Upper
84 100
86 62.6 44.2 82.2
49 94.2 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.124 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038213.D
Acq: 20 Nov 2024 14:20

Tgt Ion: 73 Resp: 5245
Ion Ratio Lower Upper
73 100
43 27.2 14.2 21.2#
57 10.4 17.6 26.4#

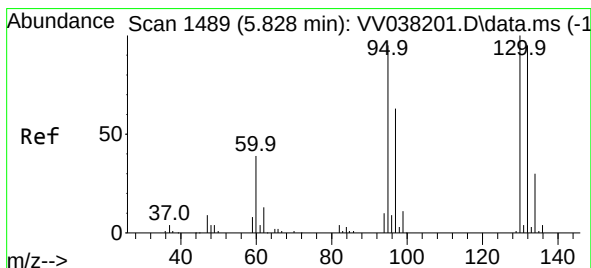
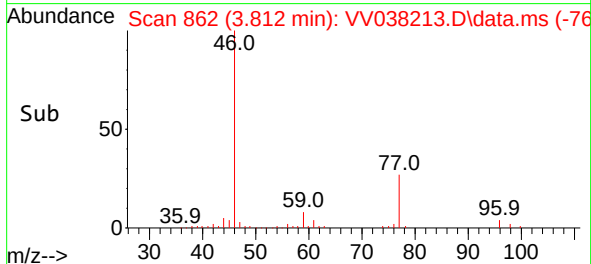
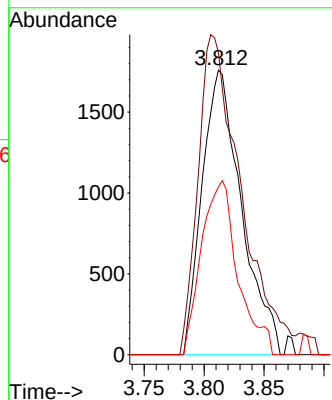
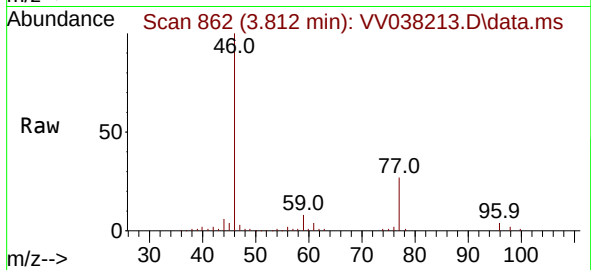




#22
 cis-1,2-Dichloroethene
 Concen: 0.197 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VV038213.D
 Acq: 20 Nov 2024 14:20

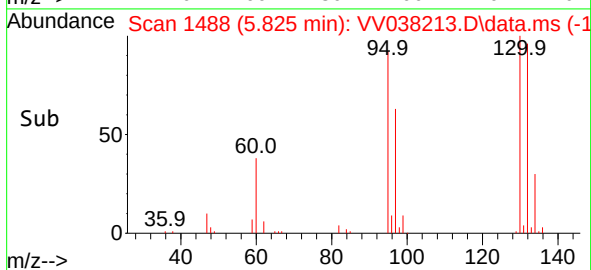
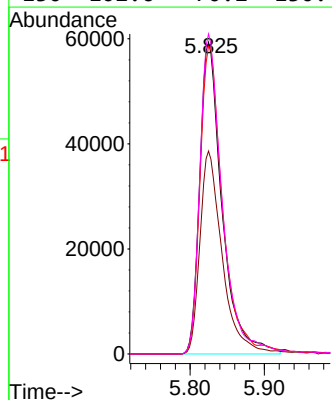
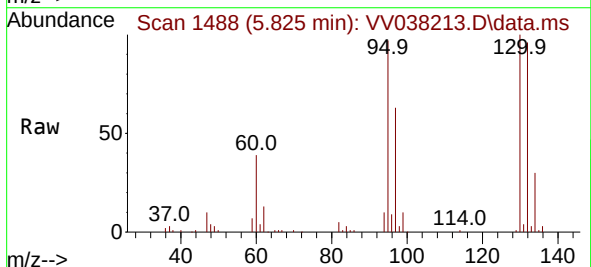
Instrument :
 MSVOA_V
 ClientSampleId :

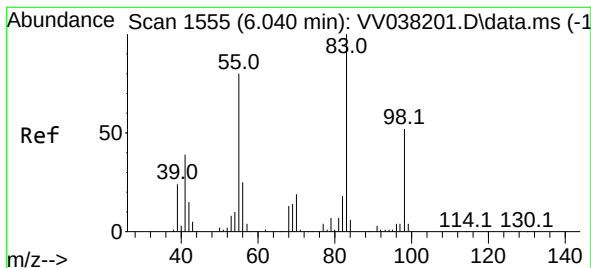
Tgt Ion: 96 Resp: 4028
 Ion Ratio Lower Upper
 96 100
 61 106.1 82.7 153.5
 98 59.0 46.3 85.9



#34
 Trichloroethene
 Concen: 5.765 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.003 min
 Lab File: VV038213.D
 Acq: 20 Nov 2024 14:20

Tgt Ion: 95 Resp: 124126
 Ion Ratio Lower Upper
 95 100
 97 65.1 44.8 83.2
 132 98.7 68.3 126.8
 130 102.6 70.2 130.4





#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038213.D

Acq: 20 Nov 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

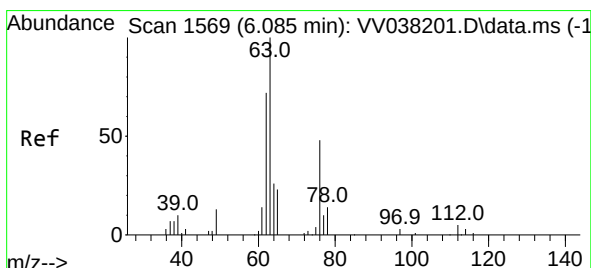
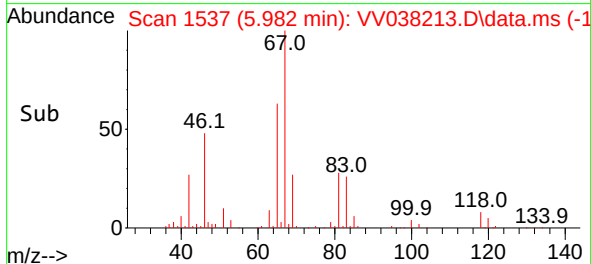
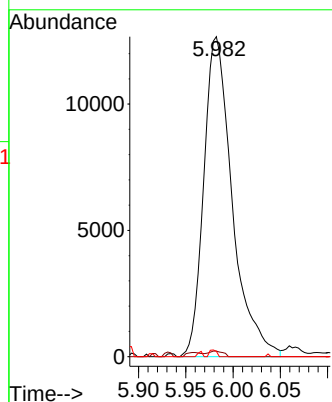
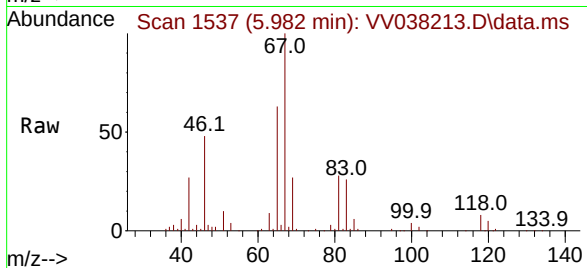
Tgt Ion: 83 Resp: 26568

Ion Ratio Lower Upper

83 100

55 0.9 59.7 89.5#

98 0.5 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.100 min

Lab File: VV038213.D

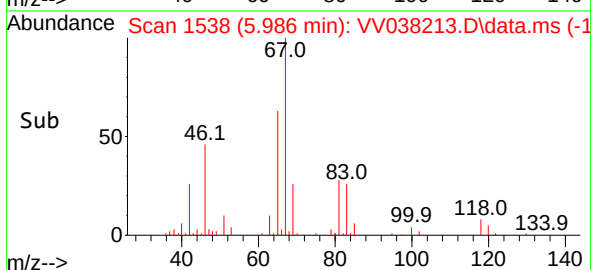
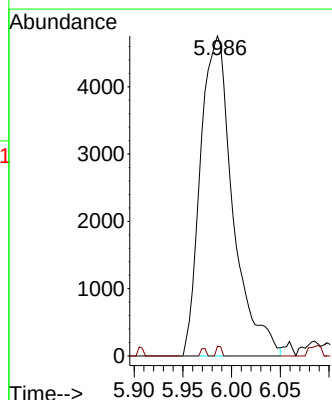
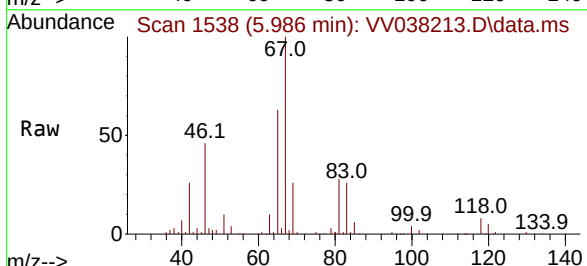
Acq: 20 Nov 2024 14:20

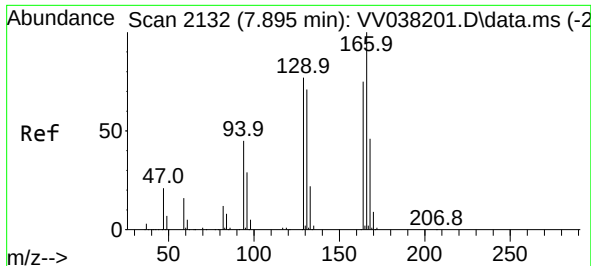
Tgt Ion: 63 Resp: 11022

Ion Ratio Lower Upper

63 100

112 0.5 3.9 5.9#





#47

Tetrachloroethene

Concen: 1.771 ug/L

RT: 7.899 min Scan# 2132

Delta R.T. 0.003 min

Lab File: VV038213.D

Acq: 20 Nov 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 30649

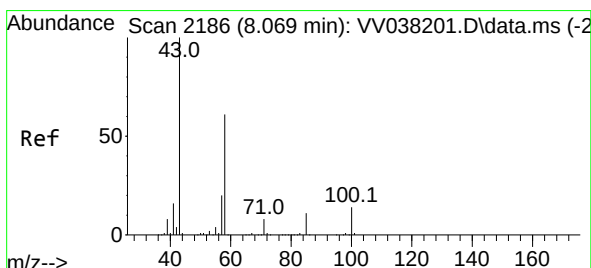
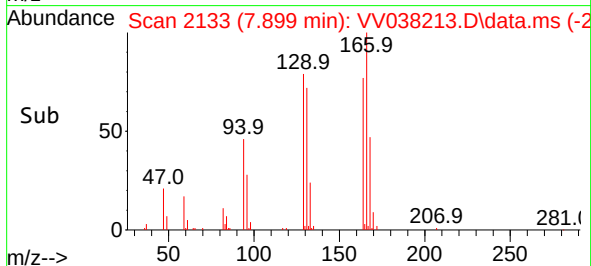
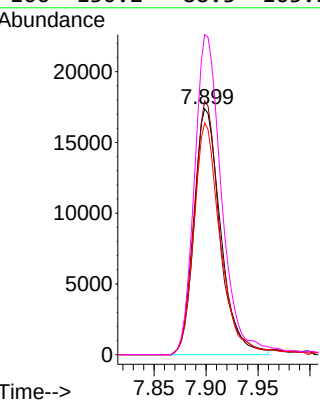
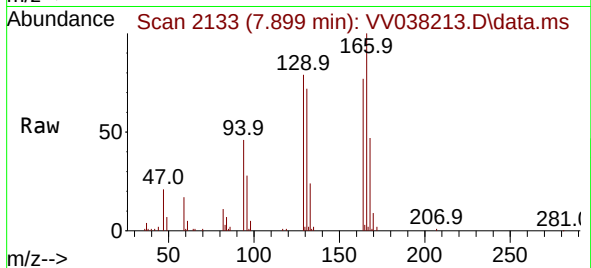
Ion Ratio Lower Upper

164 100

129 103.2 68.5 127.1

131 94.3 64.8 120.4

166 130.2 88.3 163.9



#48

2-Hexanone

Concen: 2.777 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.042 min

Lab File: VV038213.D

Acq: 20 Nov 2024 14:20

Tgt Ion: 43 Resp: 20852

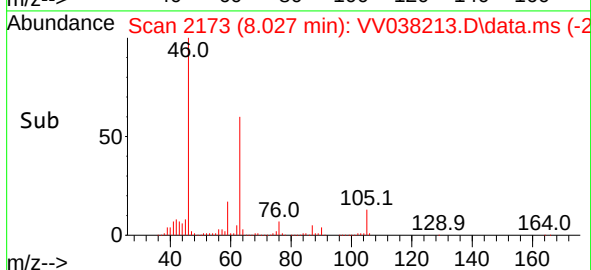
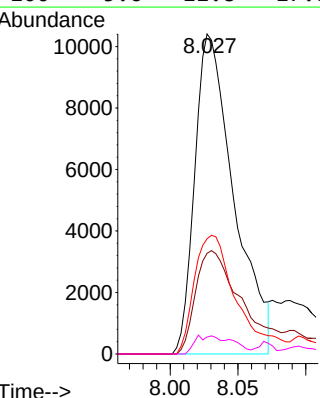
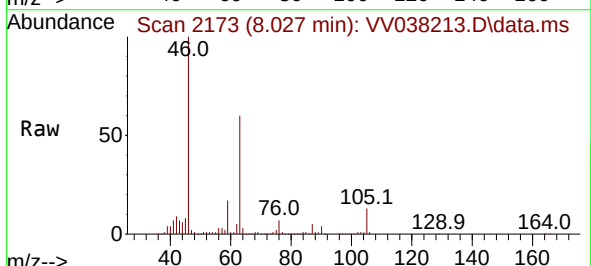
Ion Ratio Lower Upper

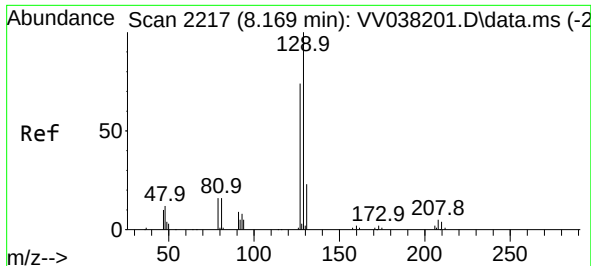
43 100

58 38.2 49.2 73.8#

57 40.5 16.9 25.3#

100 5.6 11.8 17.8#





#49

Dibromochloromethane

Concen: 1.686 ug/L

RT: 7.899 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV038213.D

Acq: 20 Nov 2024 14:20

Instrument :

MSVOA_V

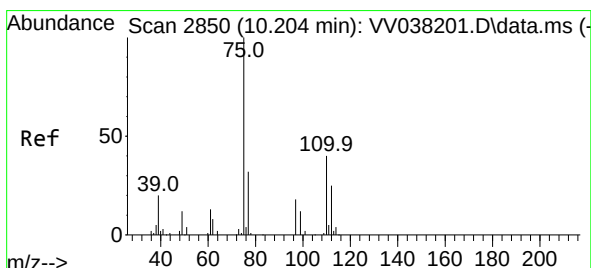
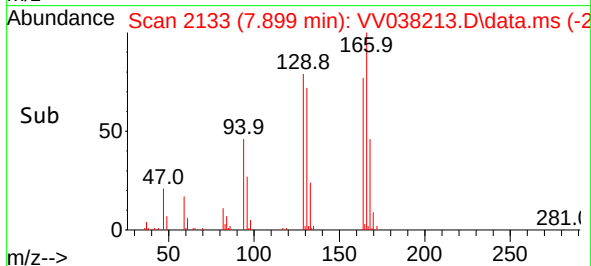
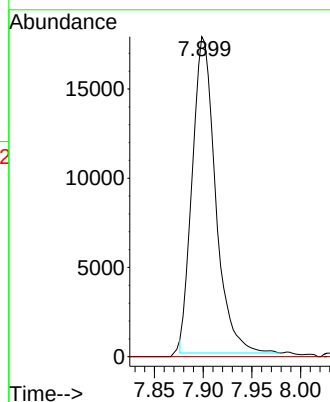
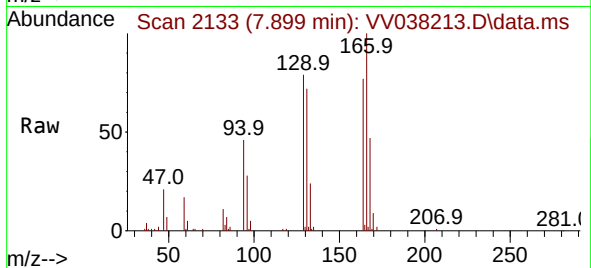
ClientSampleId :

Tgt Ion:129 Resp: 29499

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.303 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV038213.D

Acq: 20 Nov 2024 14:20

Tgt Ion: 75 Resp: 13576

Ion Ratio Lower Upper

75 100

77 34.4 26.4 39.6

110 2.1 32.3 48.5#

