

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038283.D
 Acq On : 22 Nov 2024 21:31
 Operator : SY/MD
 Sample : P4883-05DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 02:05:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

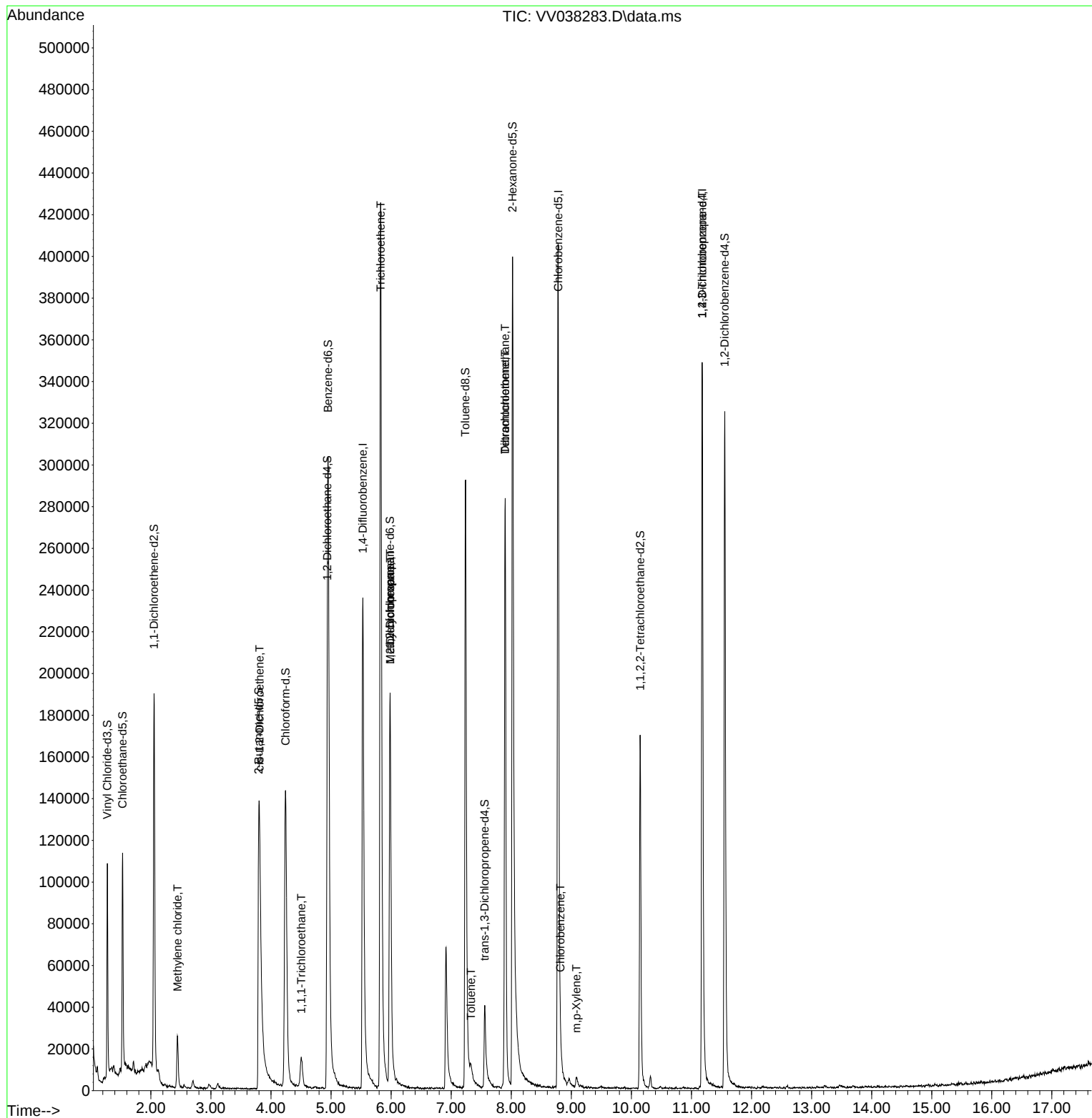
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	221991	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	242393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	98701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64393	3.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.529	69	67757	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.053	65	30336	4.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.796	46	196343	57.683	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.360%
24) Chloroform-d	4.243	84	160964	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.937	65	80668	5.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	4.950	84	280964	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.982	67	97334	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.236	98	212352	3.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.558	79	29679	4.141	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.021	63	161661	58.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.060%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85840	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	91459	5.439	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
16) Methylene chloride	2.442	84	10819	0.598	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	22242	1.288	ug/L	93
29) 1,1,1-Trichloroethane	4.506	97	12536	0.431	ug/L	95
34) Trichloroethene	5.825	95	162325	8.746	ug/L	98
35) Methylcyclohexane	5.985	83	24397	0.929	ug/L #	19
37) 1,2-Dichloropropane	5.985	63	10750	0.630	ug/L #	88
42) Toluene	7.329	91	7994	0.111	ug/L	98
47) Tetrachloroethene	7.898	164	66433	4.454	ug/L	98
49) Dibromochloromethane	7.898	129	60713	4.026	ug/L #	11
51) Chlorobenzene	8.818	112	6064	0.122	ug/L	95
53) m,p-Xylene	9.085	106	1838	0.064	ug/L	81
61) 1,2,3-Trichloropropane	11.178	75	12355	1.462	ug/L #	64

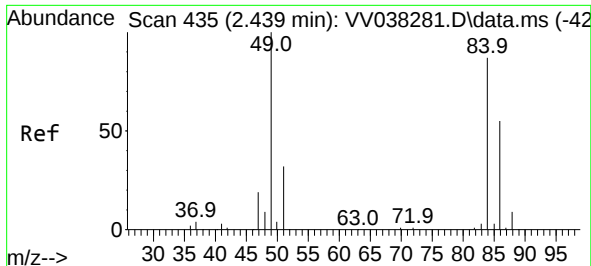
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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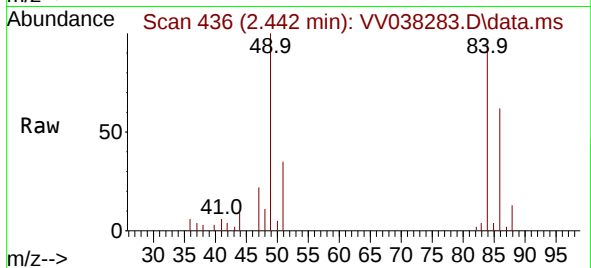
Quant Time: Nov 23 02:05:34 2024
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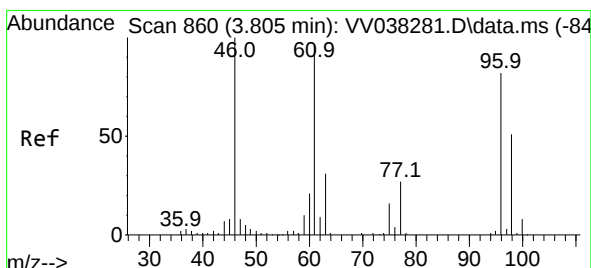
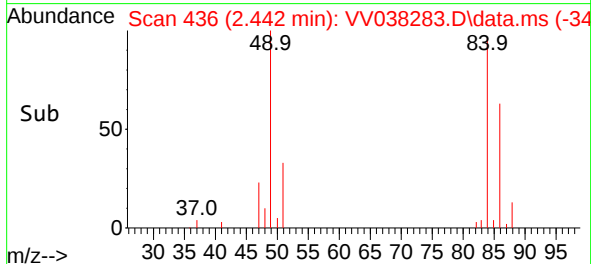
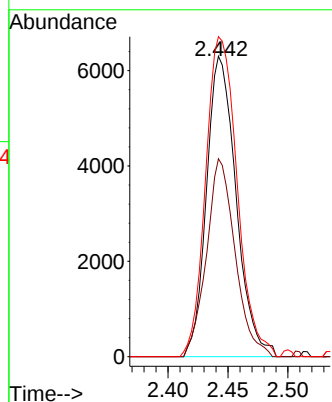


#16
Methylene chloride
Concen: 0.598 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038283.D
Acq: 22 Nov 2024 21:31

Instrument :
MSVOA_V
ClientSampleId :

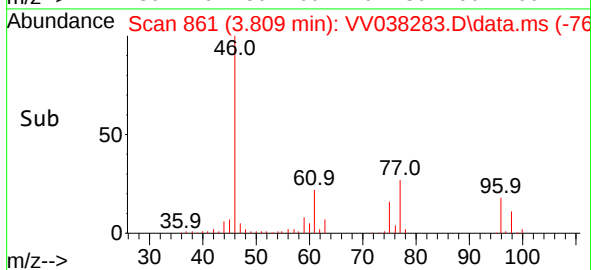
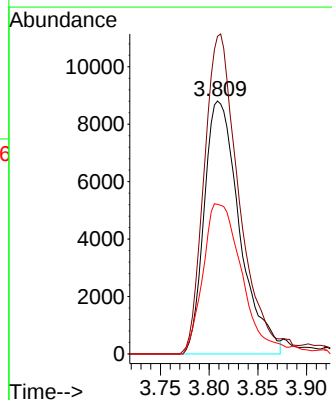
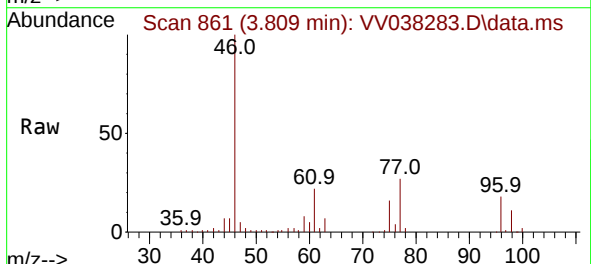


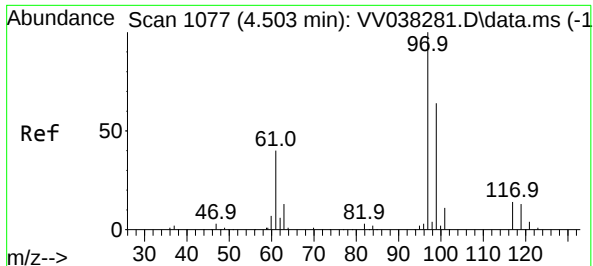
Tgt Ion: 84 Resp: 10819
Ion Ratio Lower Upper
84 100
86 65.8 44.2 82.2
49 106.5 74.9 139.1



#22
cis-1,2-Dichloroethene
Concen: 1.288 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038283.D
Acq: 22 Nov 2024 21:31

Tgt Ion: 96 Resp: 22242
Ion Ratio Lower Upper
96 100
61 125.5 82.7 153.5
98 59.2 46.3 85.9





#29

1,1,1-Trichloroethane

Concen: 0.431 ug/L

RT: 4.506 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038283.D

Acq: 22 Nov 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

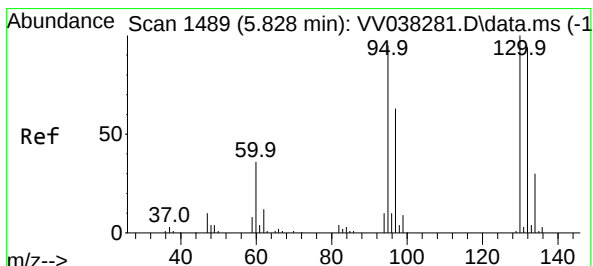
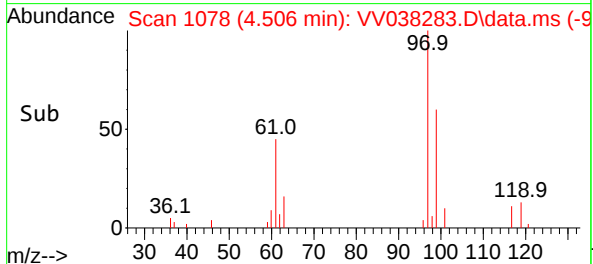
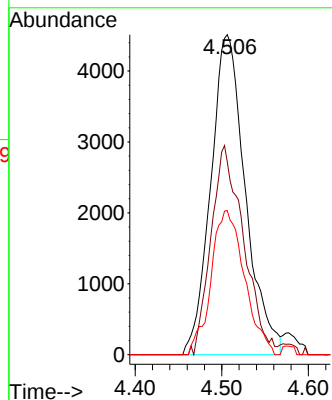
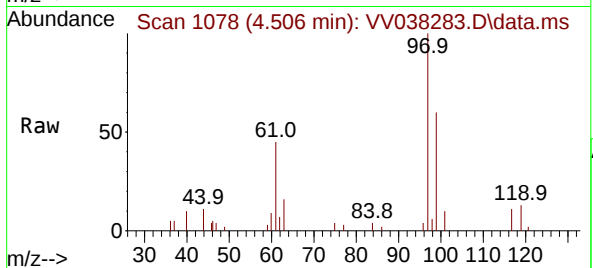
Tgt Ion: 97 Resp: 12536

Ion Ratio Lower Upper

97 100

99 61.5 51.8 77.8

61 43.5 32.2 48.2



#34

Trichloroethene

Concen: 8.746 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV038283.D

Acq: 22 Nov 2024 21:31

Tgt Ion: 95 Resp: 162325

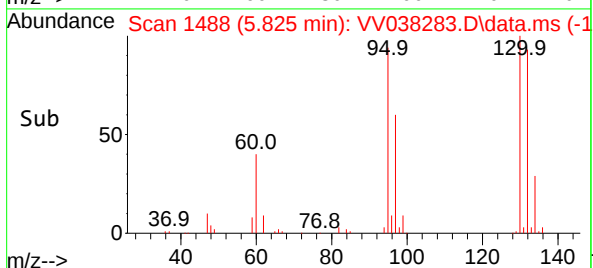
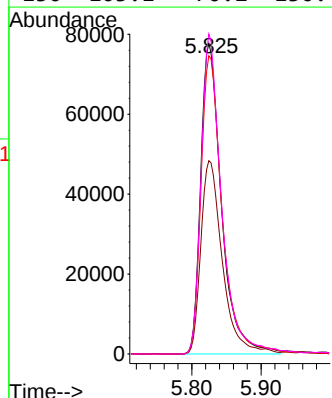
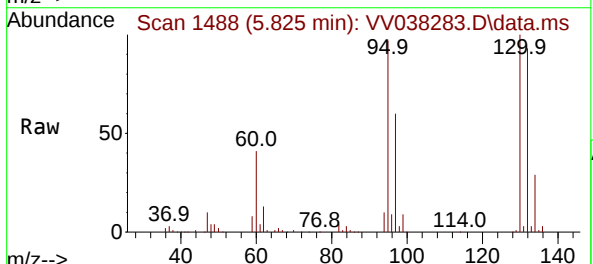
Ion Ratio Lower Upper

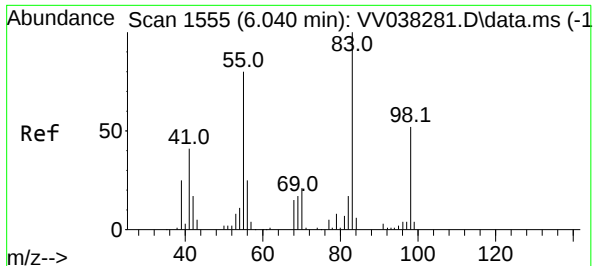
95 100

97 62.3 44.8 83.2

132 96.0 68.3 126.8

130 103.1 70.2 130.4

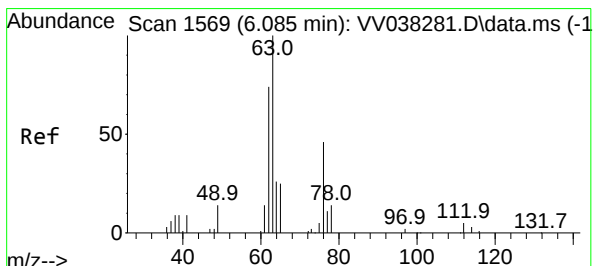
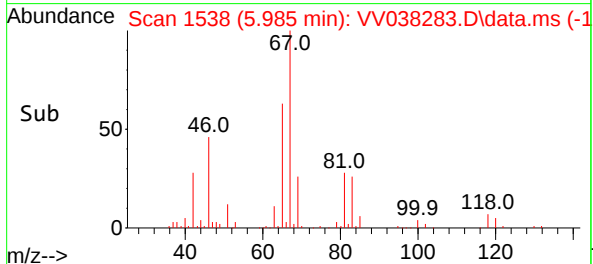
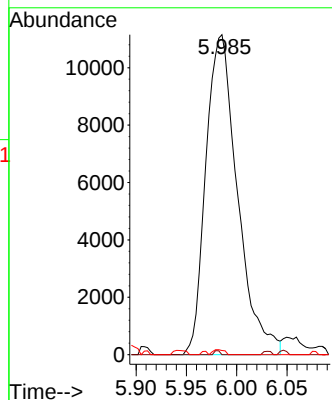
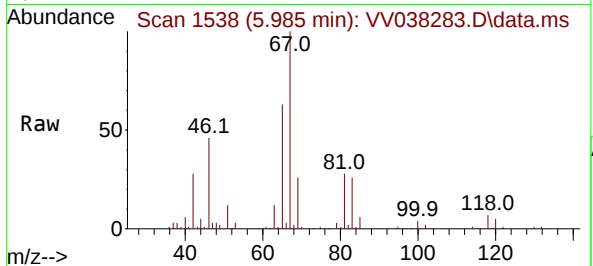




#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV038283.D
Acq: 22 Nov 2024 21:31

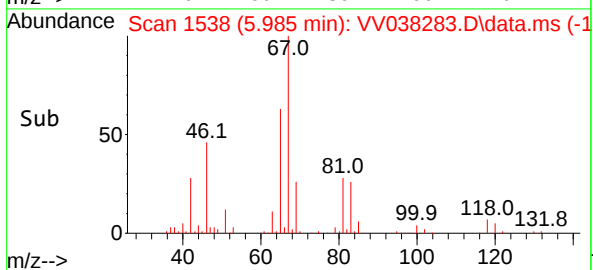
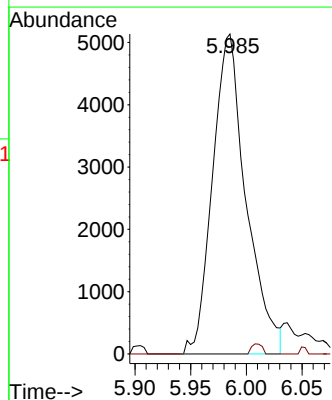
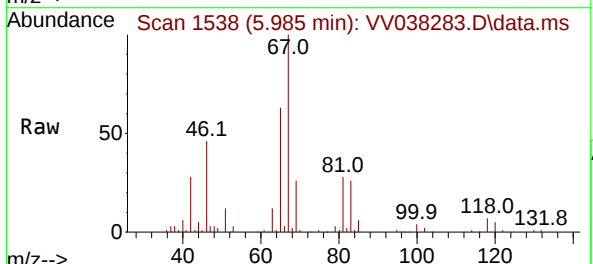
Instrument :
MSVOA_V
ClientSampleId :

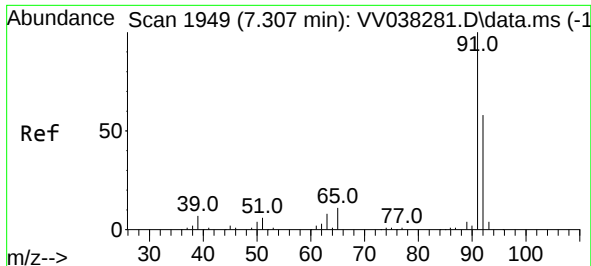
Tgt Ion: 83 Resp: 24397
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.6 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.100 min
Lab File: VV038283.D
Acq: 22 Nov 2024 21:31

Tgt Ion: 63 Resp: 10750
Ion Ratio Lower Upper
63 100
112 1.0 3.9 5.9#

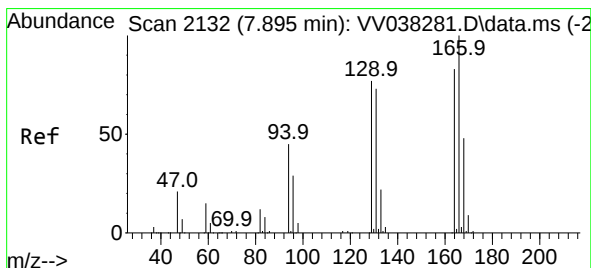
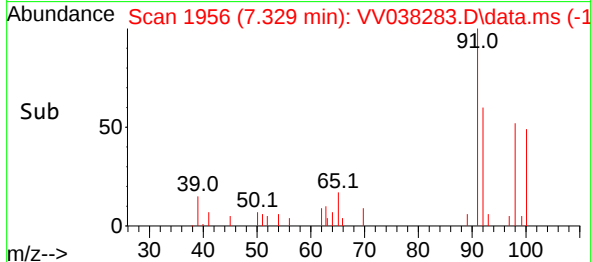
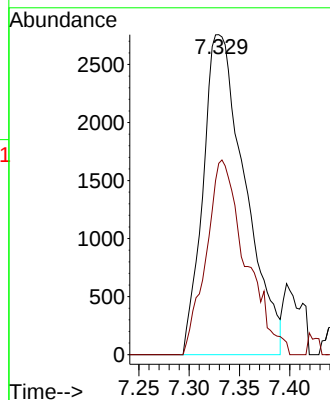
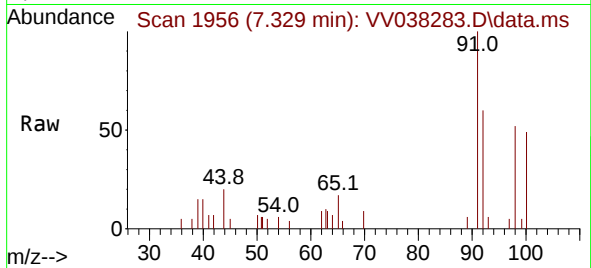




#42
Toluene
Concen: 0.111 ug/L
RT: 7.329 min Scan# 1949
Delta R.T. 0.022 min
Lab File: VV038283.D
Acq: 22 Nov 2024 21:31

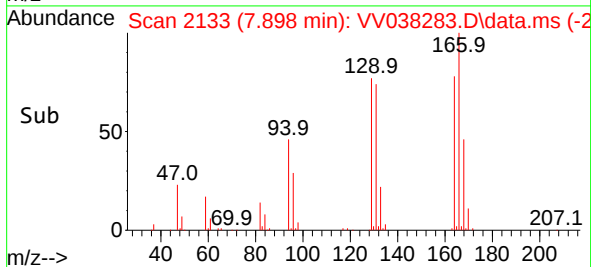
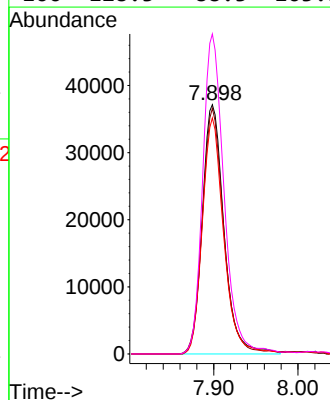
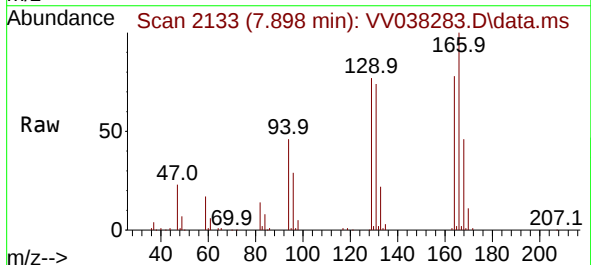
Instrument :
MSVOA_V
ClientSampleId :

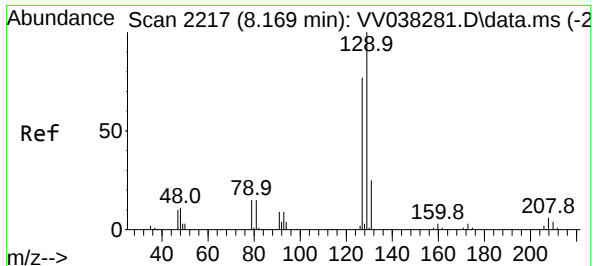
Tgt Ion: 91 Resp: 7994
Ion Ratio Lower Upper
91 100
92 59.8 40.8 75.8



#47
Tetrachloroethene
Concen: 4.454 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038283.D
Acq: 22 Nov 2024 21:31

Tgt Ion: 164 Resp: 66433
Ion Ratio Lower Upper
164 100
129 98.5 68.5 127.1
131 94.6 64.8 120.4
166 128.3 88.3 163.9





#49

Dibromochloromethane

Concen: 4.026 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038283.D

Acq: 22 Nov 2024 21:31

Instrument :

MSVOA_V

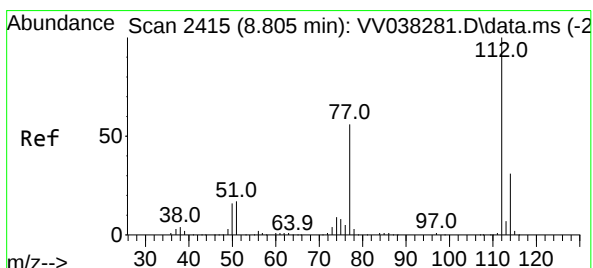
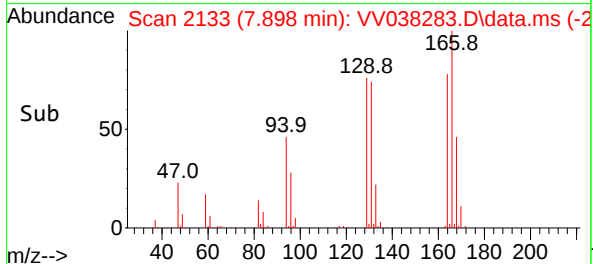
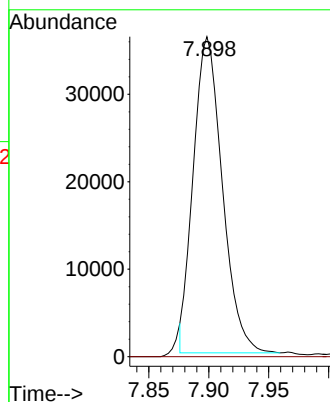
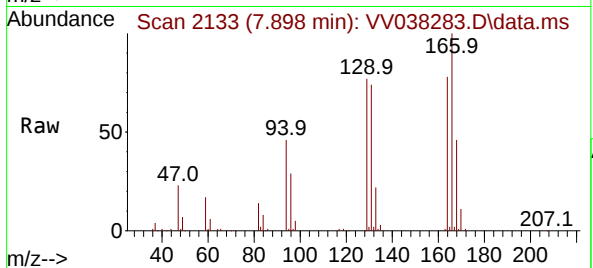
ClientSampleId :

Tgt Ion:129 Resp: 60713

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.122 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.013 min

Lab File: VV038283.D

Acq: 22 Nov 2024 21:31

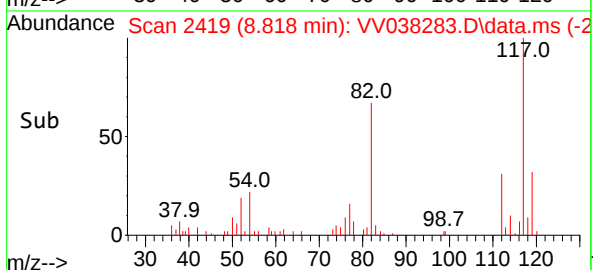
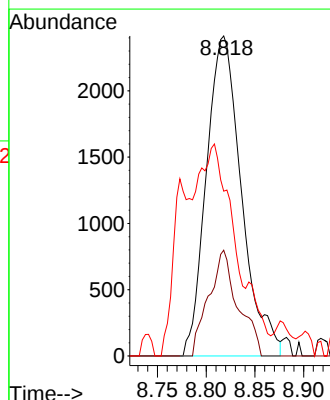
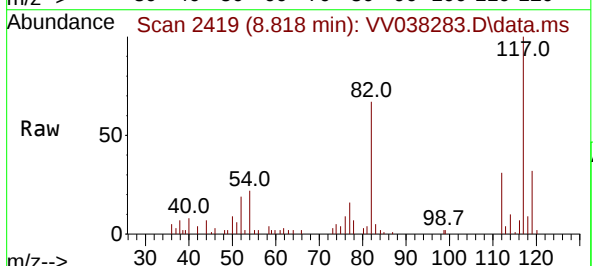
Tgt Ion:112 Resp: 6064

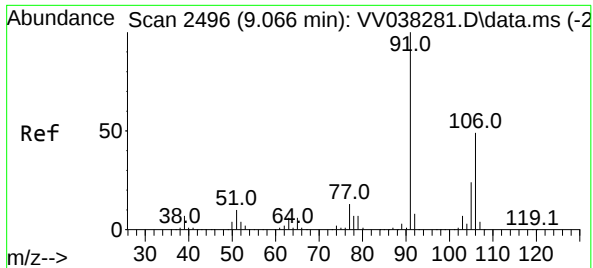
Ion Ratio Lower Upper

112 100

114 33.1 22.0 40.8

77 51.5 45.0 67.4

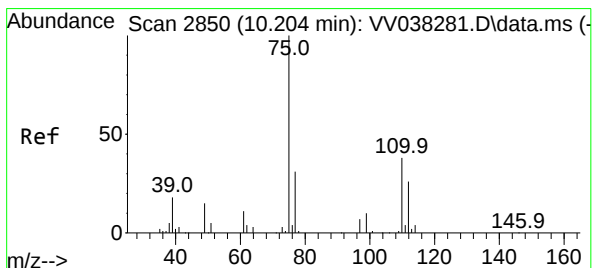
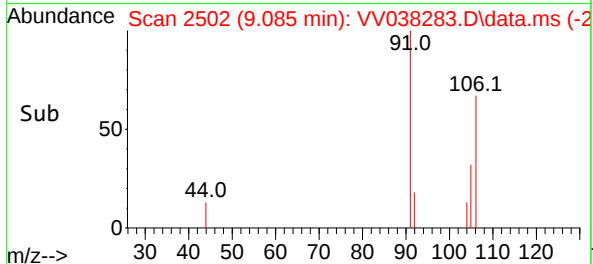
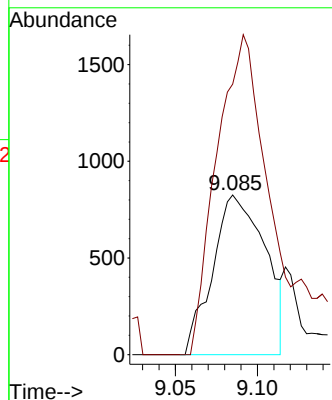
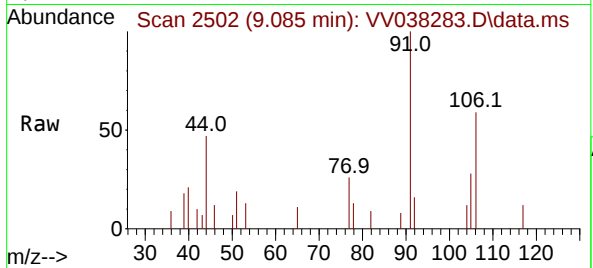




#53
m,p-Xylene
Concen: 0.064 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV038283.D
Acq: 22 Nov 2024 21:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1838
Ion Ratio Lower Upper
106 100
91 169.4 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.462 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038283.D
Acq: 22 Nov 2024 21:31

Tgt Ion: 75 Resp: 12355
Ion Ratio Lower Upper
75 100
77 35.2 26.4 39.6
110 2.1 32.3 48.5#

