

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038203.D
 Acq On : 20 Nov 2024 10:03
 Operator : SY/MD
 Sample : P4882-06
 Misc : 26mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:45:42 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)

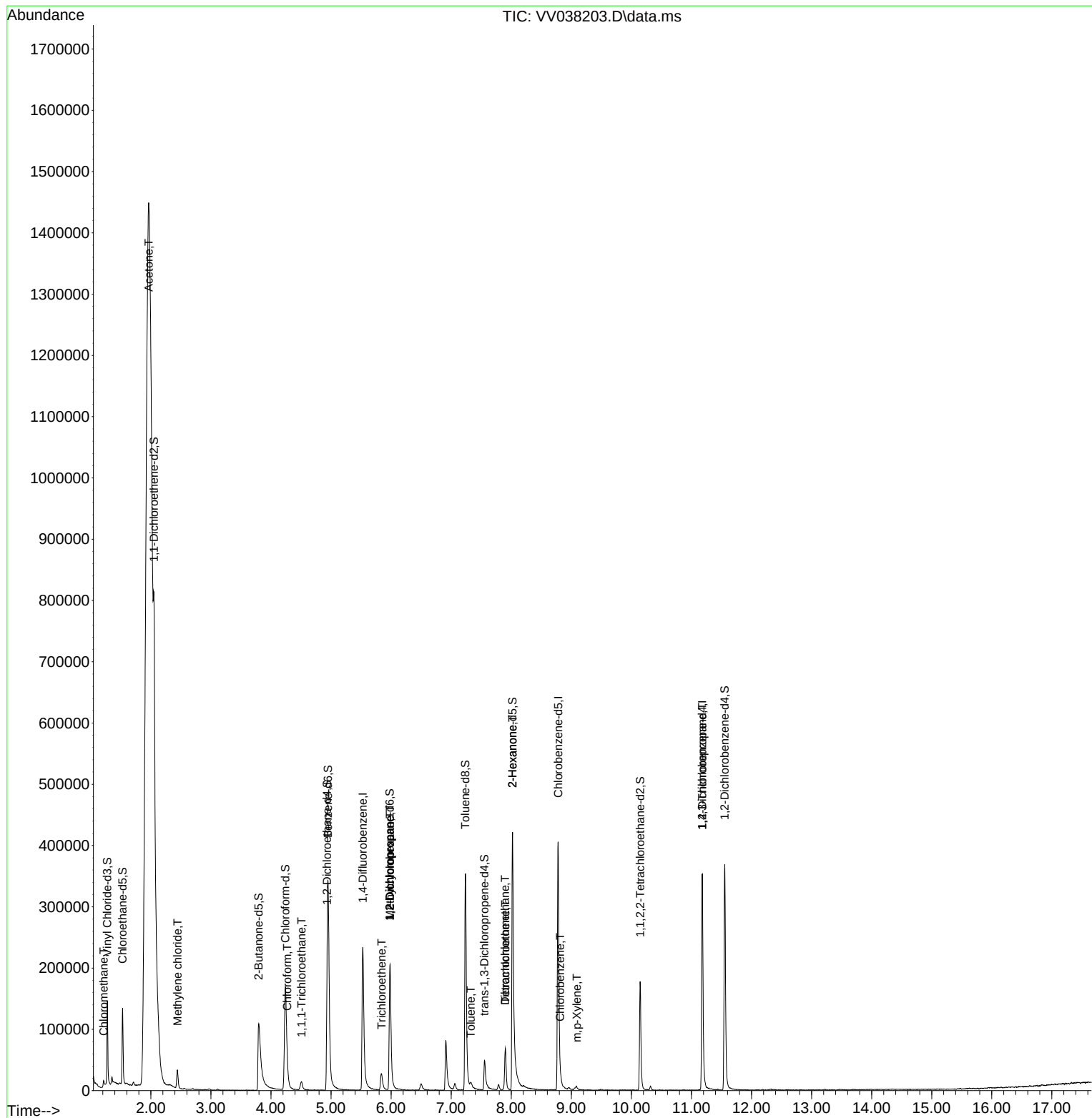
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	228874	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	246031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	102034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	86379	4.924	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.529	69	80116	5.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.053	65	38862	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%
20) 2-Butanone-d5	3.793	46	186331	53.095	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.200%
24) Chloroform-d	4.239	84	185685	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	4.934	65	90100	5.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
32) Benzene-d6	4.950	84	326938	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.979	67	108961	5.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.236	98	263066	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.554	79	35403	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.021	63	169815	60.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	90286	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	102894	5.919	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.400%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	5842	0.313	ug/L	100
13) Acetone	1.963	43	1415431	545.339	ug/L	41
16) Methylene chloride	2.442	84	13621	0.731	ug/L	96
25) Chloroform	4.272	83	19314	0.578	ug/L	95
29) 1,1,1-Trichloroethane	4.510	97	11842	0.401	ug/L	99
34) Trichloroethene	5.841	95	10577	0.561	ug/L	94
35) Methylcyclohexane	5.982	83	26739	1.003	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11751	0.679	ug/L #	87
42) Toluene	7.326	91	8523	0.116	ug/L	86
47) Tetrachloroethene	7.902	164	16978	1.122	ug/L	96
48) 2-Hexanone	8.021	43	18082	2.752	ug/L #	71
49) Dibromochloromethane	7.899	129	17077	1.116	ug/L #	11
51) Chlorobenzene	8.815	112	6908	0.137	ug/L #	84
53) m,p-Xylene	9.091	106	1742	0.059	ug/L	76
61) 1,2,3-Trichloropropane	11.178	75	10413	1.192	ug/L #	66

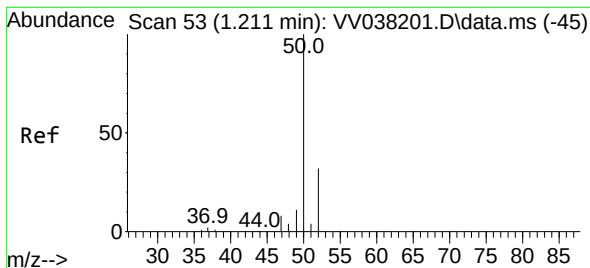
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.313 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.003 min

Lab File: VV038203.D

Acq: 20 Nov 2024 10:03

Instrument :

MSVOA_V

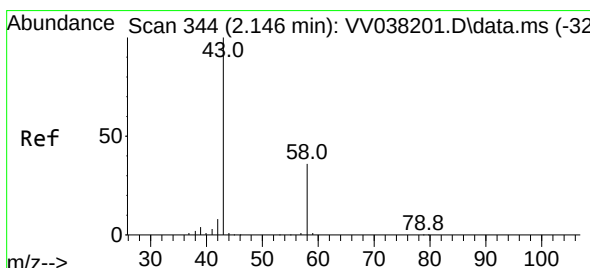
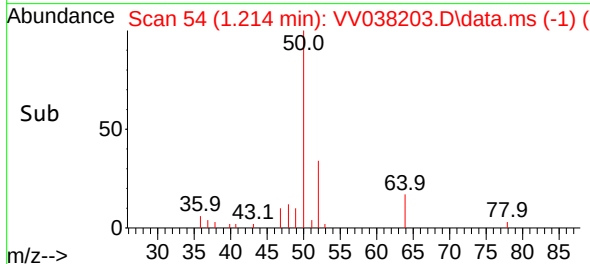
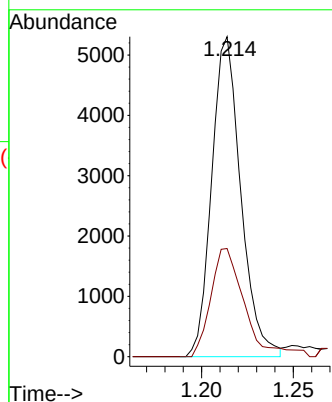
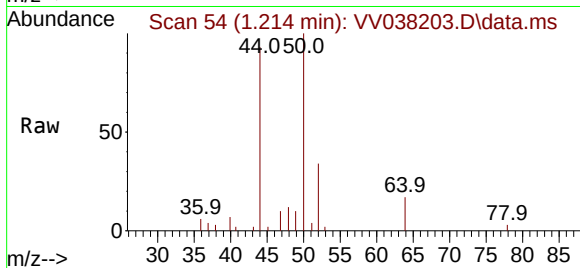
ClientSampleId :

Tgt Ion: 50 Resp: 5842

Ion Ratio Lower Upper

50 100

52 33.8 23.5 43.7



#13

Acetone

Concen: 545.339 ug/L

RT: 1.963 min Scan# 287

Delta R.T. -0.183 min

Lab File: VV038203.D

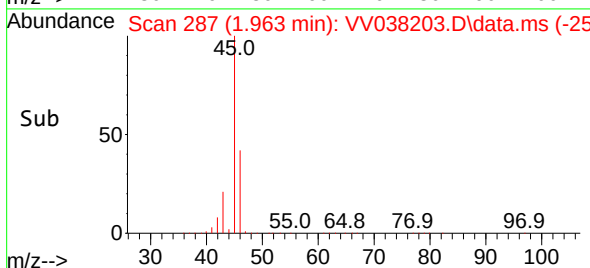
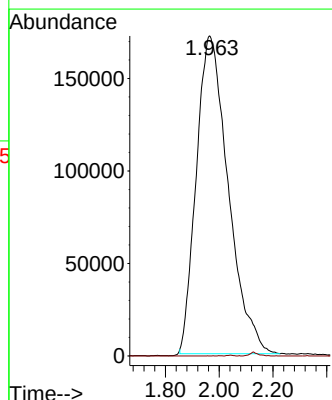
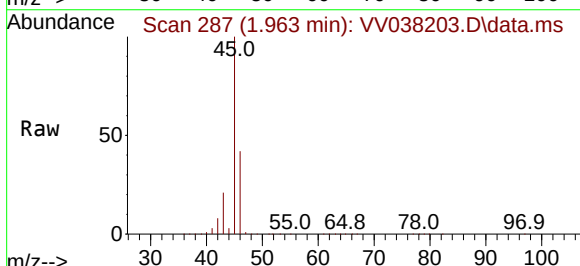
Acq: 20 Nov 2024 10:03

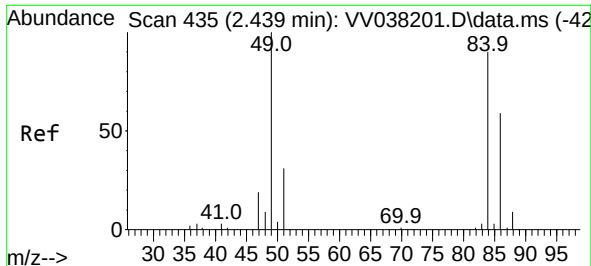
Tgt Ion: 43 Resp: 1415431

Ion Ratio Lower Upper

43 100

58 0.0 0.0 67.2

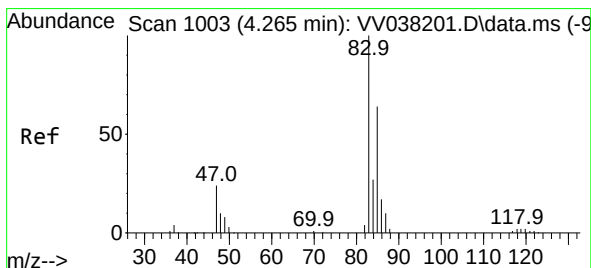
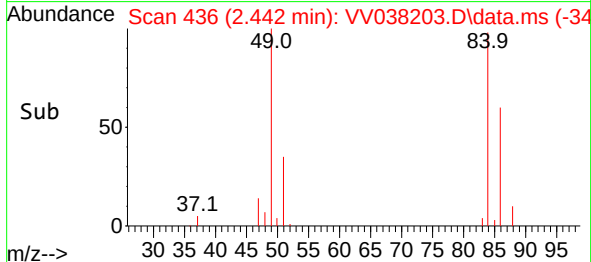
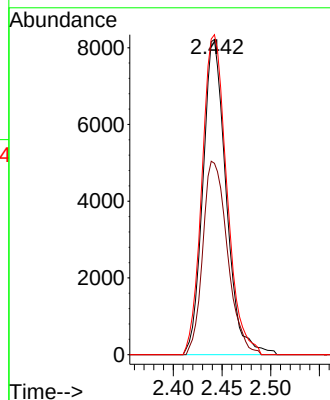
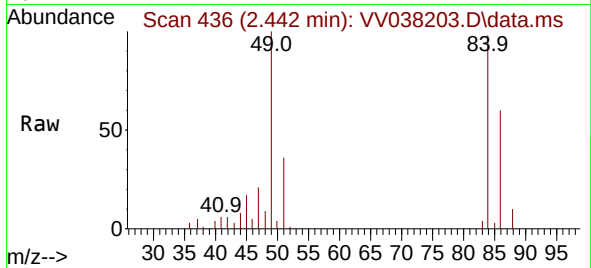




#16
Methylene chloride
Concen: 0.731 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

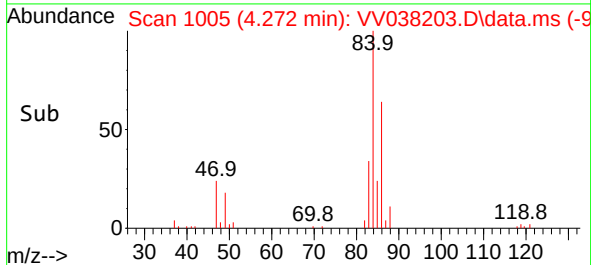
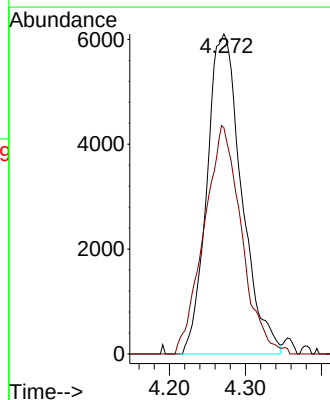
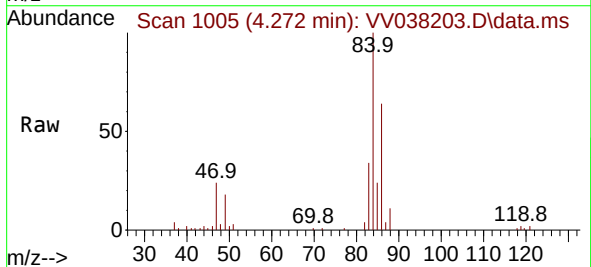
Instrument :
MSVOA_V
ClientSampleId :

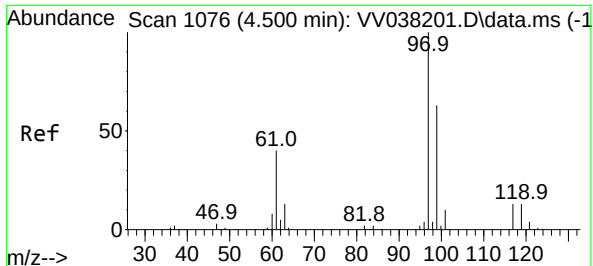
Tgt Ion: 84 Resp: 13621
Ion Ratio Lower Upper
84 100
86 60.7 44.2 82.2
49 101.5 74.9 139.1



#25
Chloroform
Concen: 0.578 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

Tgt Ion: 83 Resp: 19314
Ion Ratio Lower Upper
83 100
85 70.7 46.5 86.3





#29

1,1,1-Trichloroethane

Concen: 0.401 ug/L

RT: 4.510 min Scan# 1076

Delta R.T. 0.010 min

Lab File: VV038203.D

Acq: 20 Nov 2024 10:03

Instrument :

MSVOA_V

ClientSampleId :

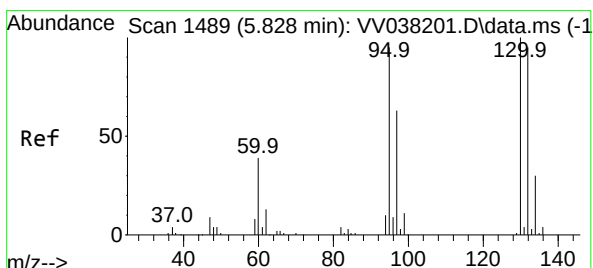
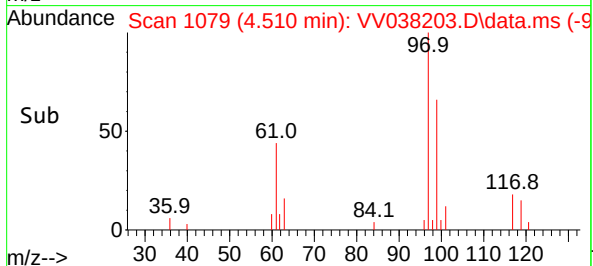
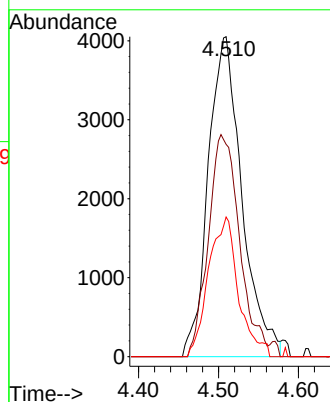
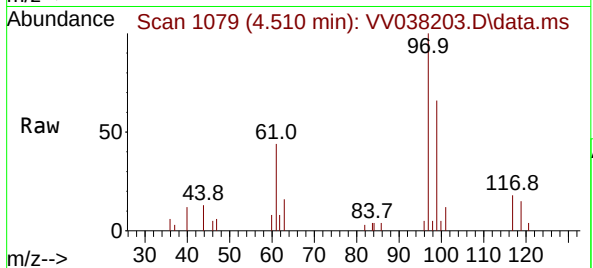
Tgt Ion: 97 Resp: 11842

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 38.7 32.2 48.2



#34

Trichloroethene

Concen: 0.561 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.013 min

Lab File: VV038203.D

Acq: 20 Nov 2024 10:03

Tgt Ion: 95 Resp: 10577

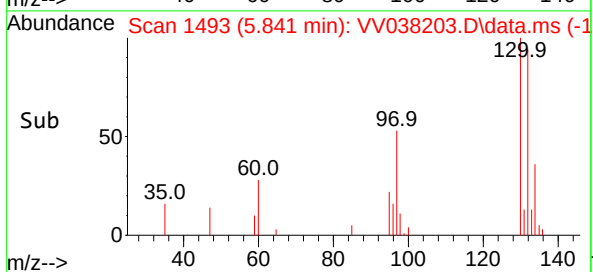
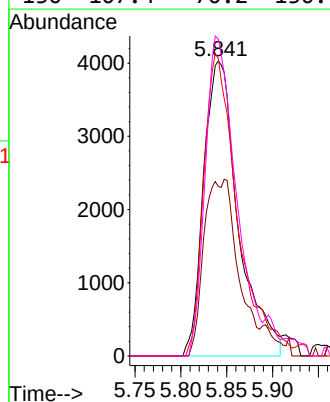
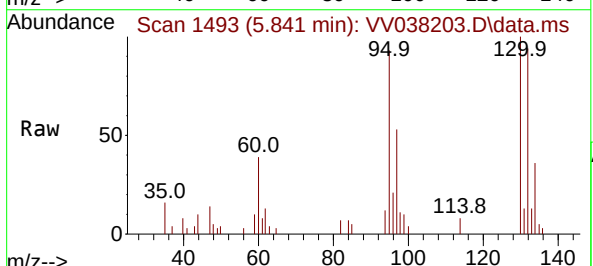
Ion Ratio Lower Upper

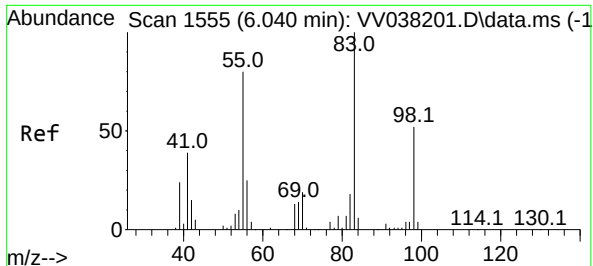
95 100

97 57.5 44.8 83.2

132 100.9 68.3 126.8

130 107.4 70.2 130.4

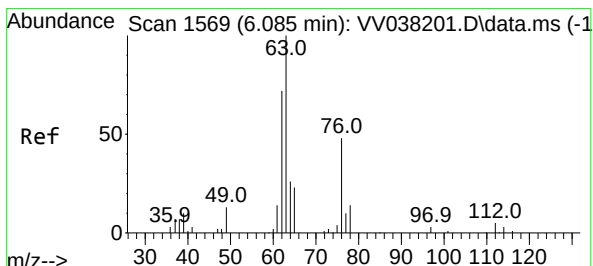
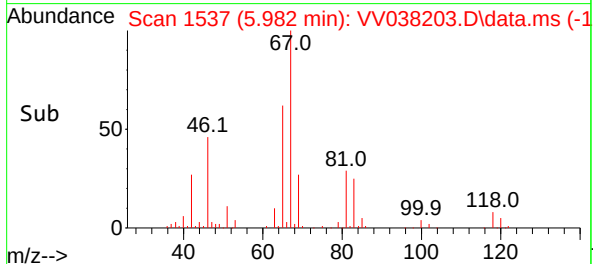
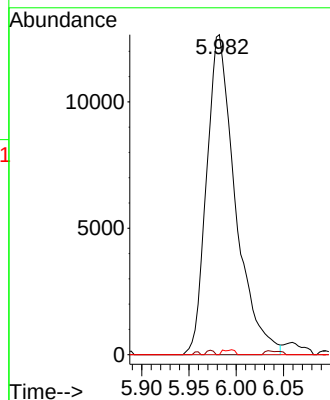
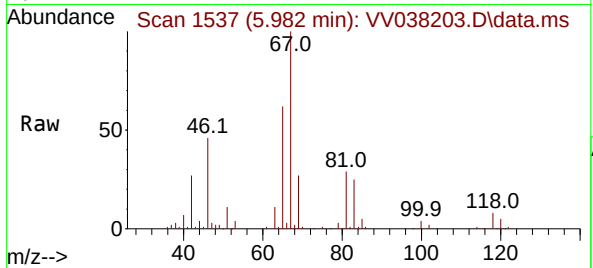




#35
Methylcyclohexane
Concen: 1.003 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

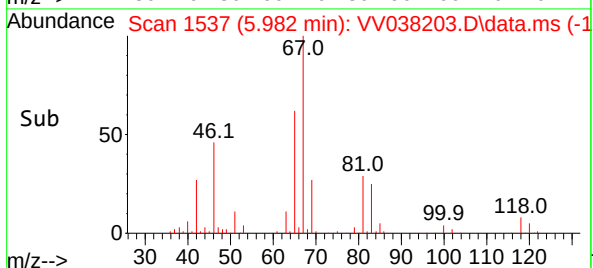
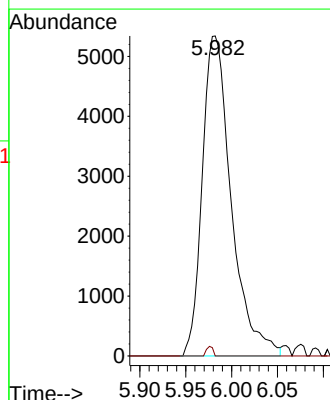
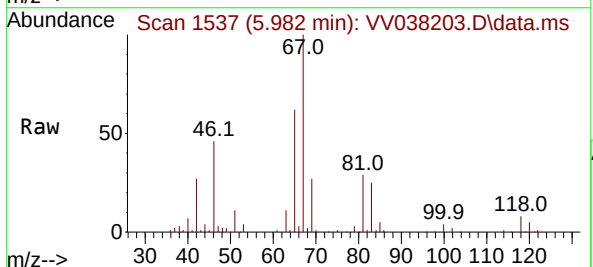
Instrument :
MSVOA_V
ClientSampleId :

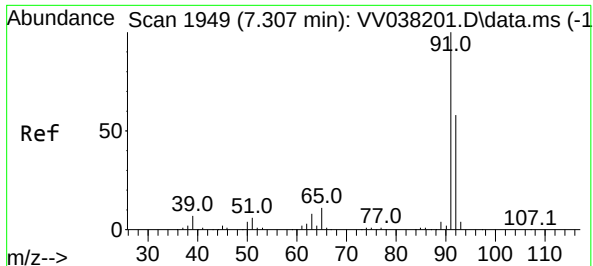
Tgt Ion: 83 Resp: 26739
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 0.6 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

Tgt Ion: 63 Resp: 11751
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#

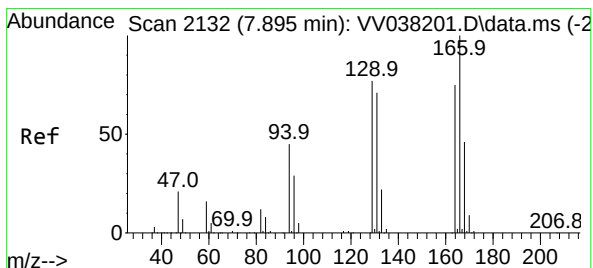
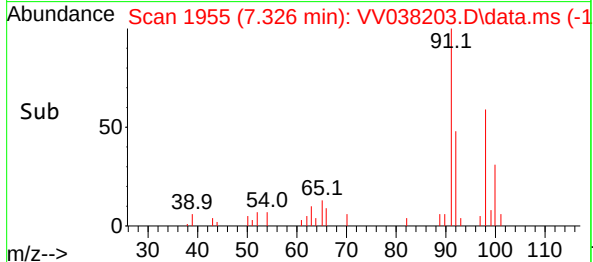
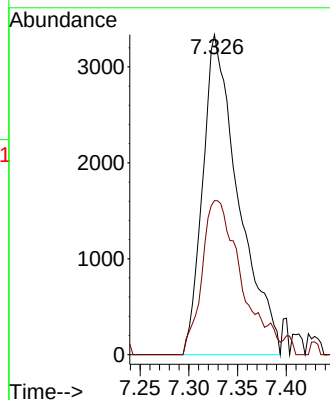
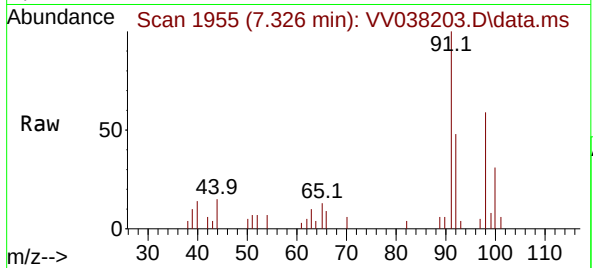




#42
Toluene
Concen: 0.116 ug/L
RT: 7.326 min Scan# 1949
Delta R.T. 0.019 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

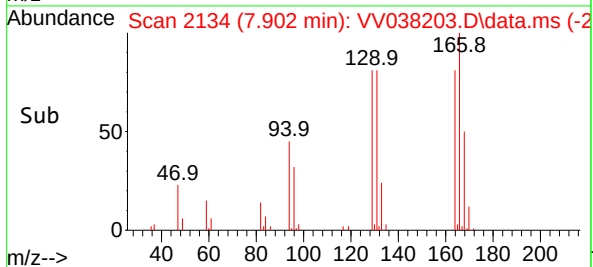
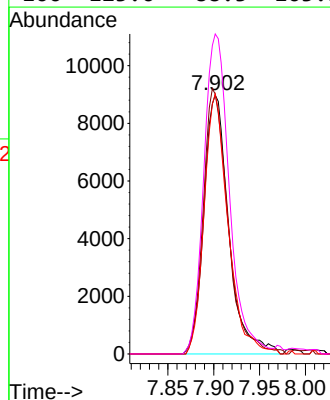
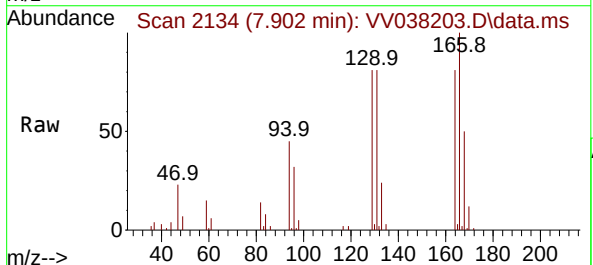
Instrument :
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ClientSampleId :

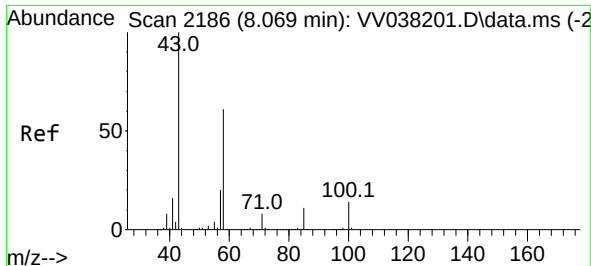
Tgt Ion: 91 Resp: 8523
Ion Ratio Lower Upper
91 100
92 48.1 40.8 75.8



#47
Tetrachloroethene
Concen: 1.122 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

Tgt Ion: 164 Resp: 16978
Ion Ratio Lower Upper
164 100
129 100.4 68.5 127.1
131 100.4 64.8 120.4
166 123.6 88.3 163.9

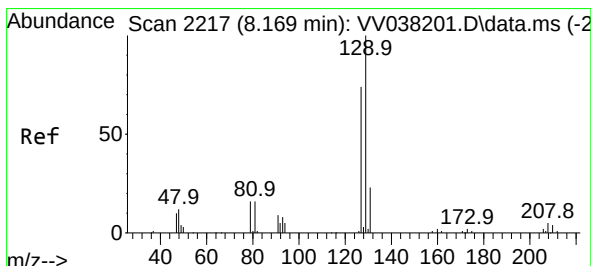
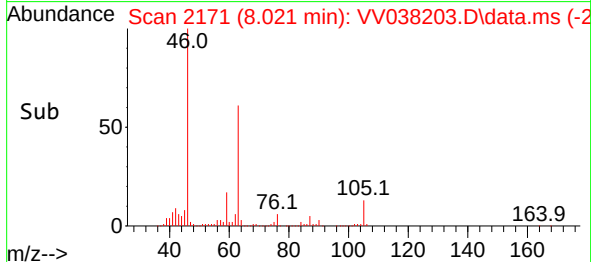
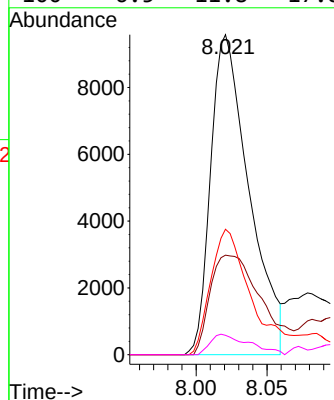
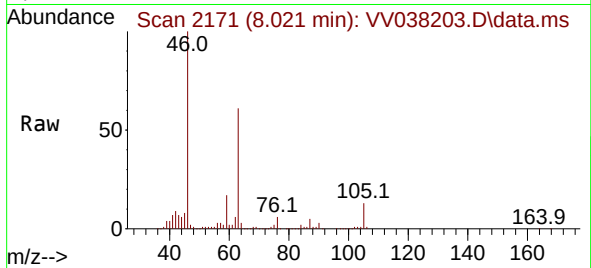




#48
2-Hexanone
Concen: 2.752 ug/L
RT: 8.021 min Scan# 2186
Delta R.T. -0.048 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

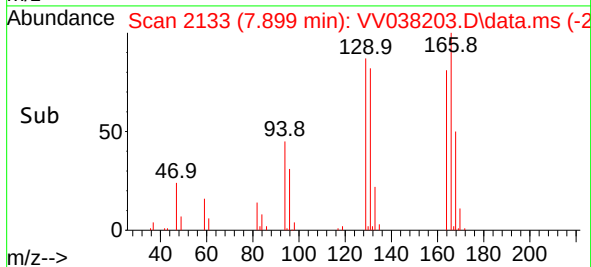
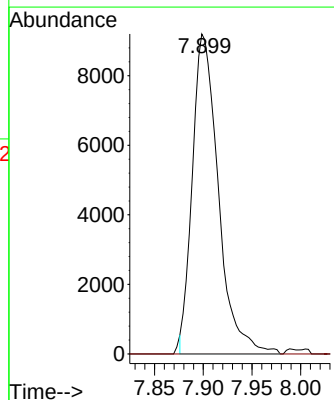
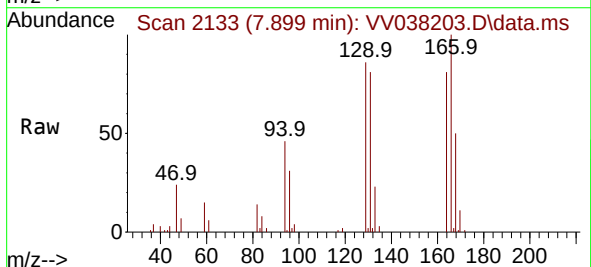
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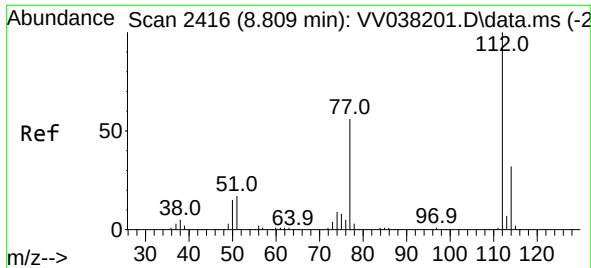
Tgt Ion: 43	Resp: 18082
Ion Ratio	Lower Upper
43 100	
58 41.9	49.2 73.8#
57 41.3	16.9 25.3#
100 6.5	11.8 17.8#



#49
Dibromochloromethane
Concen: 1.116 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

Tgt Ion: 129	Resp: 17077
Ion Ratio	Lower Upper
129 100	
127 0.0	53.5 99.3#

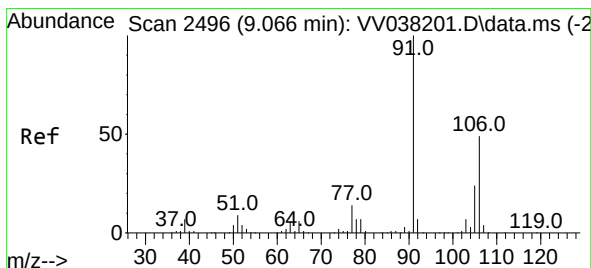
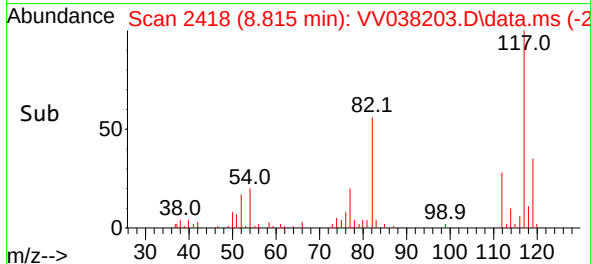
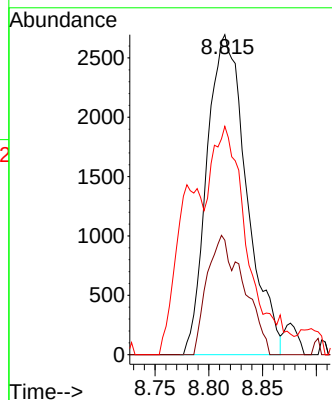
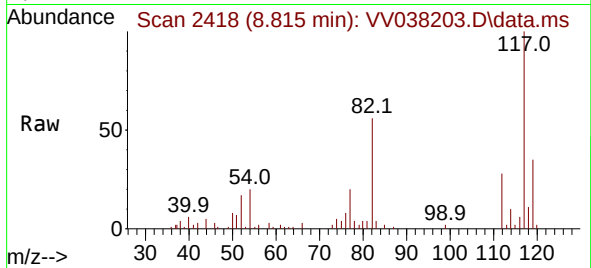




#51
Chlorobenzene
Concen: 0.137 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

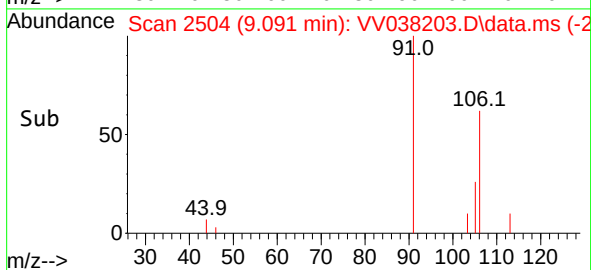
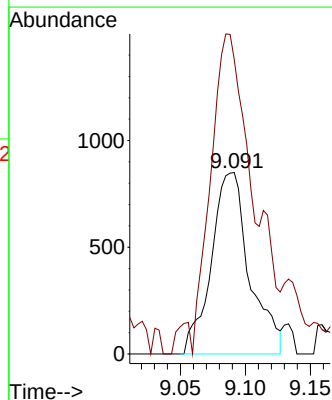
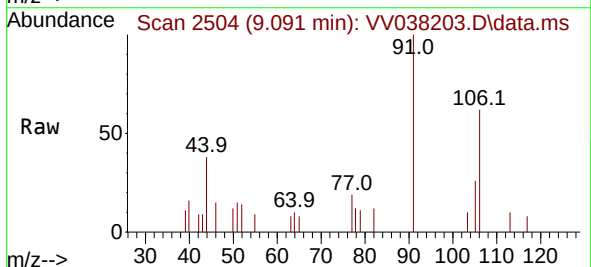
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MSVOA_V
ClientSampleId :

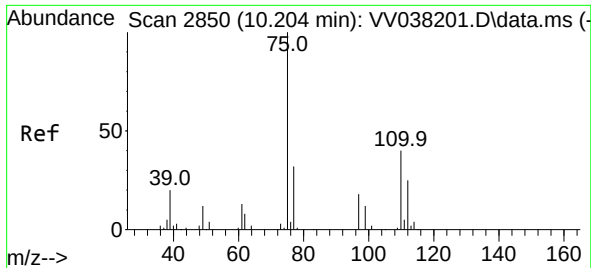
Tgt Ion:112 Resp: 6908
Ion Ratio Lower Upper
112 100
114 35.8 22.0 40.8
77 71.3 45.0 67.4#



#53
m,p-Xylene
Concen: 0.059 ug/L
RT: 9.091 min Scan# 2504
Delta R.T. 0.026 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

Tgt Ion:106 Resp: 1742
Ion Ratio Lower Upper
106 100
91 162.1 138.7 257.5





#61

1,2,3-Trichloropropane

Concen: 1.192 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.974 min

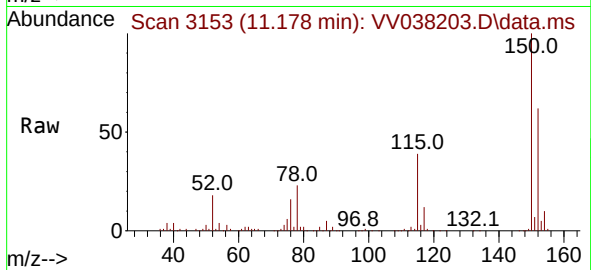
Lab File: VV038203.D

Acq: 20 Nov 2024 10:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 10413

Ion Ratio Lower Upper

75 100

77 33.6 26.4 39.6

110 3.0 32.3 48.5#

