

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038214.D
 Acq On : 20 Nov 2024 14:44
 Operator : SY/MD
 Sample : P4883-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:49:22 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)

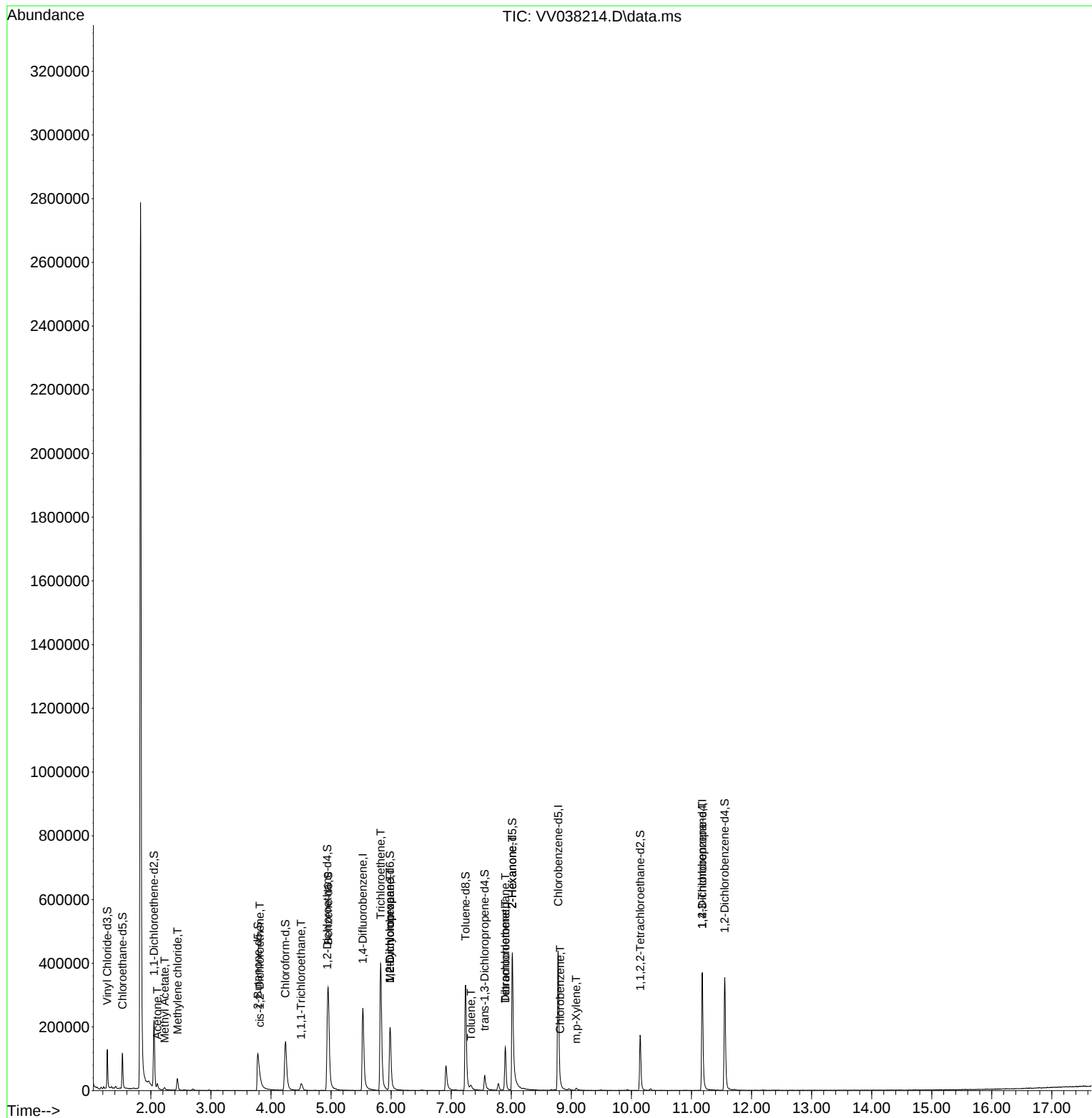
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	245974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	268596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	110292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75881	4.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.526	69	73127	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.053	65	33657	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.780	46	189109	50.141	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	4.239	84	174591	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.937	65	87716	5.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	4.953	84	308172	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	5.982	67	103452	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.239	98	245828	3.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.558	79	36057	4.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.017	63	164925	53.422	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86986	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	100509	5.349	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
13) Acetone	2.108	43	13769	4.936	ug/L	93
15) Methyl Acetate	2.230	43	1754	0.259	ug/L #	47
16) Methylene chloride	2.442	84	17307	0.864	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	7829	0.409	ug/L	92
29) 1,1,1-Trichloroethane	4.503	97	18386	0.571	ug/L	98
34) Trichloroethene	5.825	95	154027	7.489	ug/L	99
35) Methylcyclohexane	5.982	83	26503	0.911	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11173	0.591	ug/L #	88
42) Toluene	7.329	91	12795	0.160	ug/L	100
47) Tetrachloroethene	7.902	164	31546	1.909	ug/L	98
48) 2-Hexanone	8.017	43	19946	2.781	ug/L #	67
49) Dibromochloromethane	7.902	129	30216	1.808	ug/L #	11
51) Chlorobenzene	8.815	112	7306	0.133	ug/L #	71
53) m,p-Xylene	9.082	106	2179	0.068	ug/L	92
61) 1,2,3-Trichloropropane	11.178	75	12596	1.334	ug/L #	64

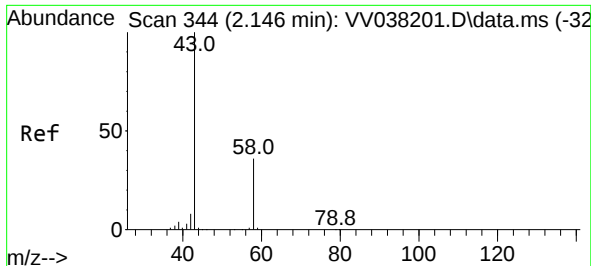
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.936 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.039 min

Lab File: VV038214.D

Acq: 20 Nov 2024 14:44

Instrument :

MSVOA_V

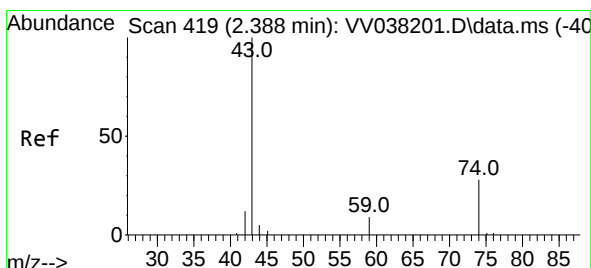
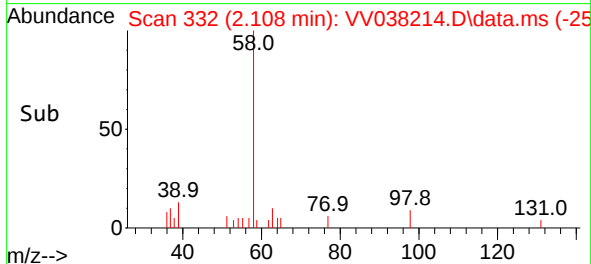
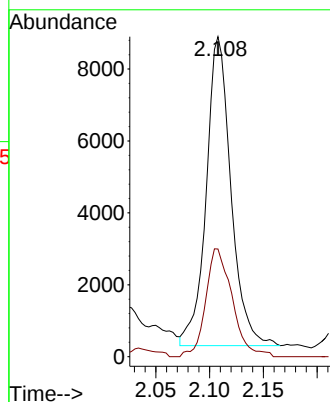
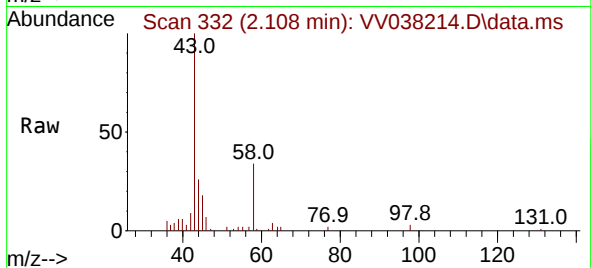
ClientSampleId :

Tgt Ion: 43 Resp: 13769

Ion Ratio Lower Upper

43 100

58 37.4 0.0 67.2



#15

Methyl Acetate

Concen: 0.259 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.158 min

Lab File: VV038214.D

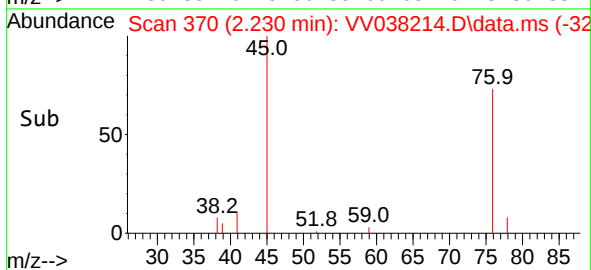
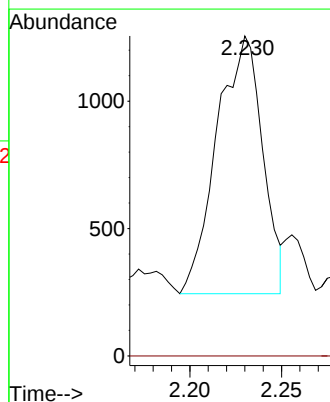
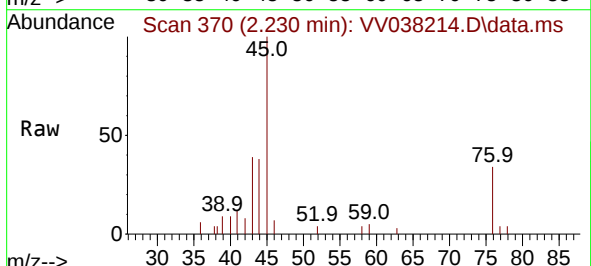
Acq: 20 Nov 2024 14:44

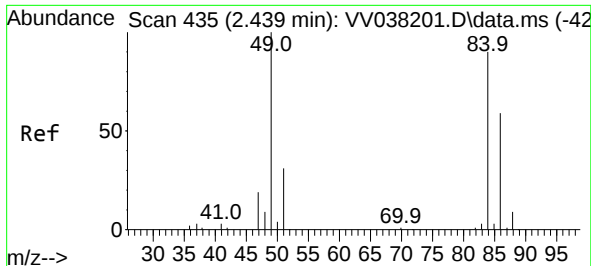
Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

43 100

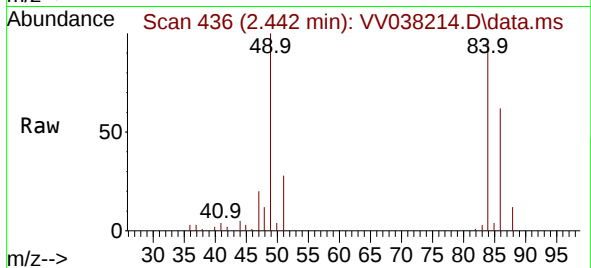
74 0.0 22.4 33.6#





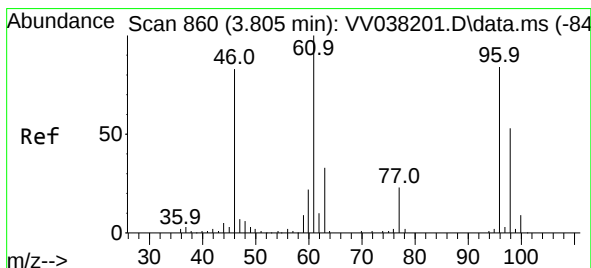
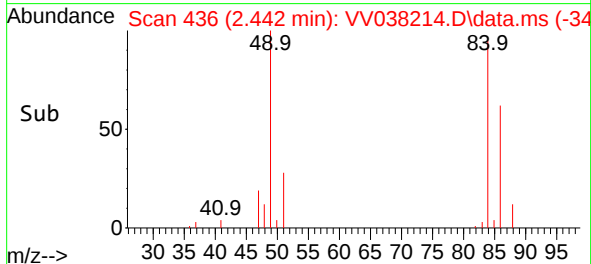
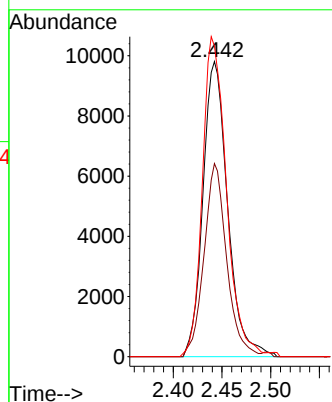
#16
Methylene chloride
Concen: 0.864 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 17307

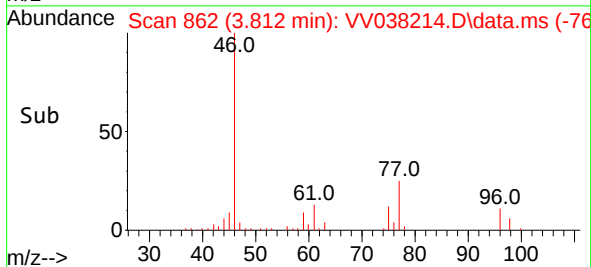
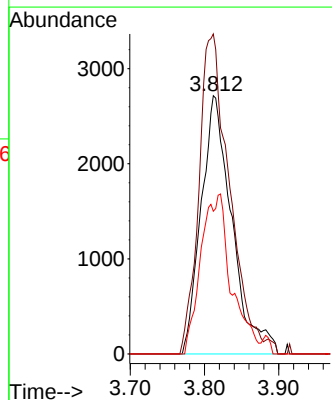
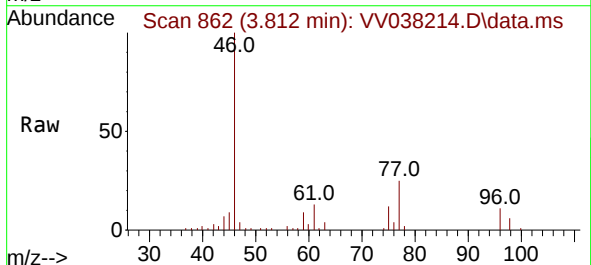
Ion	Ratio	Lower	Upper
84	100		
86	65.4	44.2	82.2
49	105.2	74.9	139.1

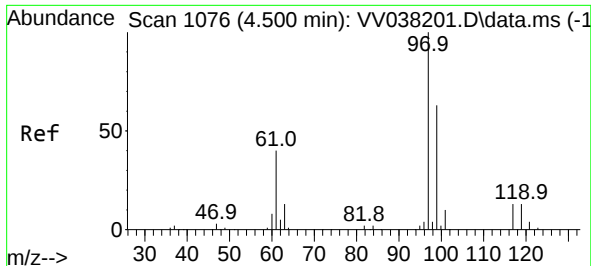


#22
cis-1,2-Dichloroethene
Concen: 0.409 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

Tgt Ion: 96 Resp: 7829

Ion	Ratio	Lower	Upper
96	100		
61	123.9	82.7	153.5
98	55.3	46.3	85.9





#29

1,1,1-Trichloroethane

Concen: 0.571 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038214.D

Acq: 20 Nov 2024 14:44

Instrument :

MSVOA_V

ClientSampleId :

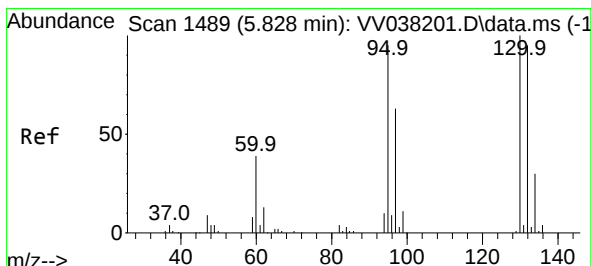
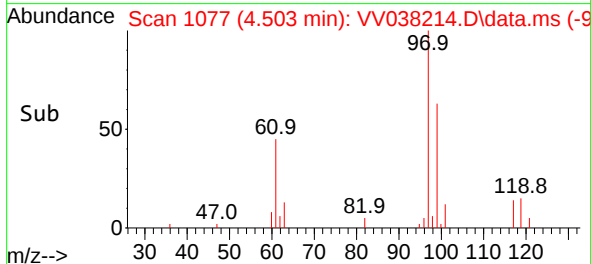
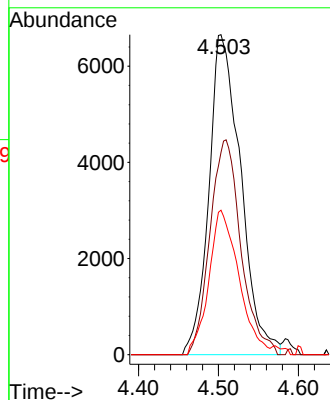
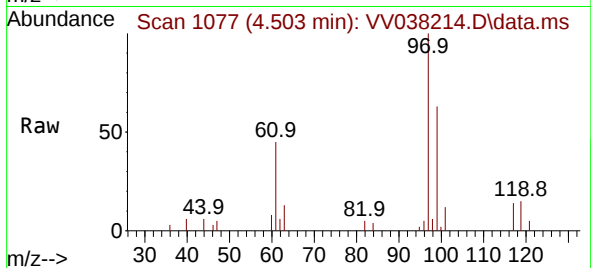
Tgt Ion: 97 Resp: 18386

Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.8

61 42.7 32.2 48.2



#34

Trichloroethene

Concen: 7.489 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV038214.D

Acq: 20 Nov 2024 14:44

Tgt Ion: 95 Resp: 154027

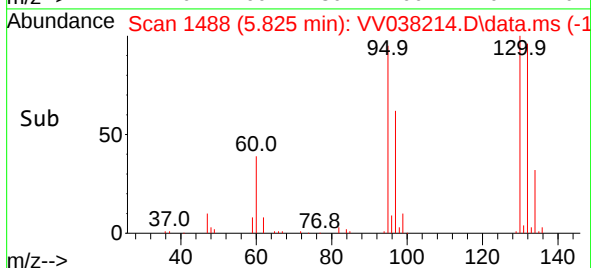
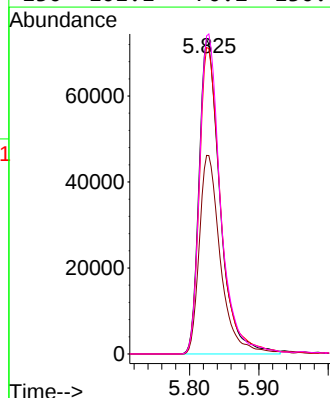
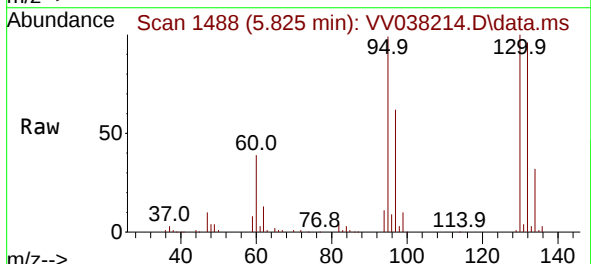
Ion Ratio Lower Upper

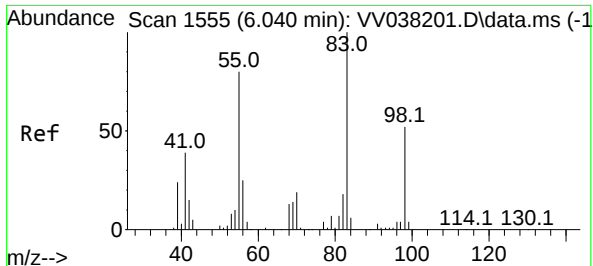
95 100

97 63.1 44.8 83.2

132 97.4 68.3 126.8

130 101.1 70.2 130.4

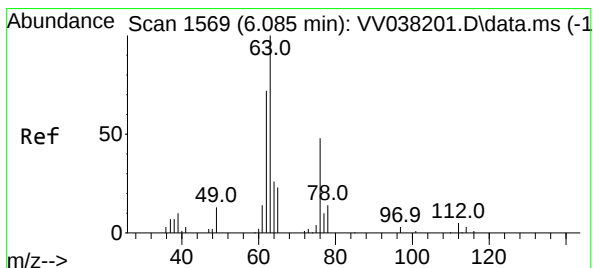
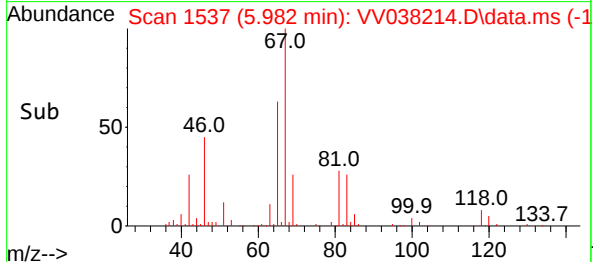
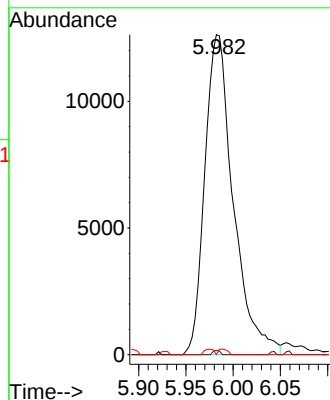
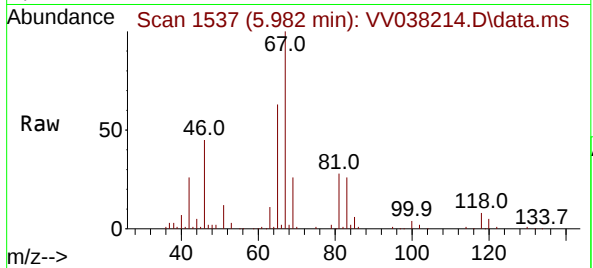




#35
Methylcyclohexane
Concen: 0.911 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

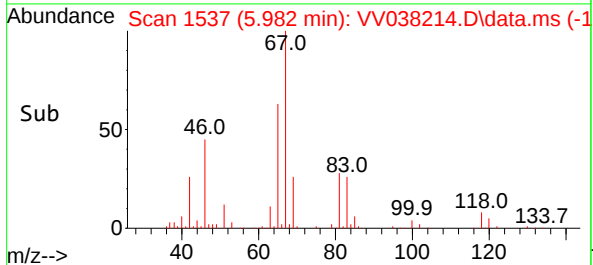
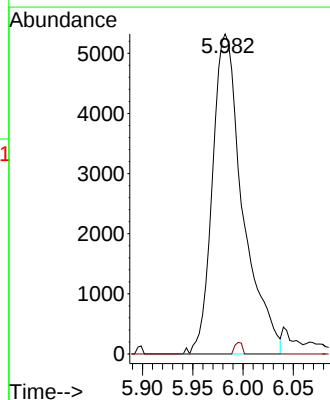
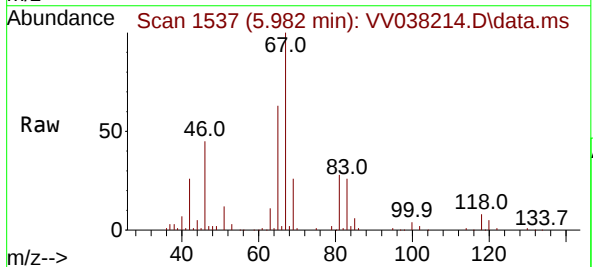
Instrument :
MSVOA_V
ClientSampleId :

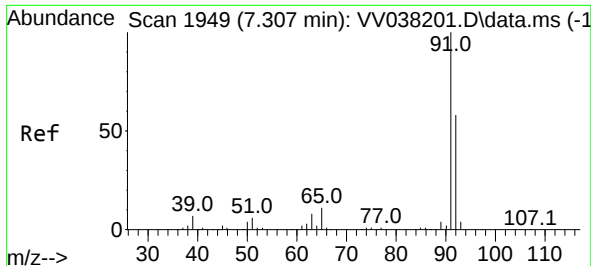
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	0.6	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.9	5.9#

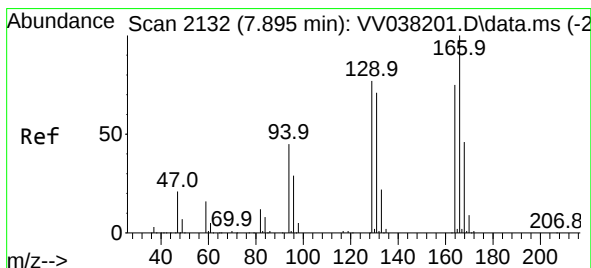
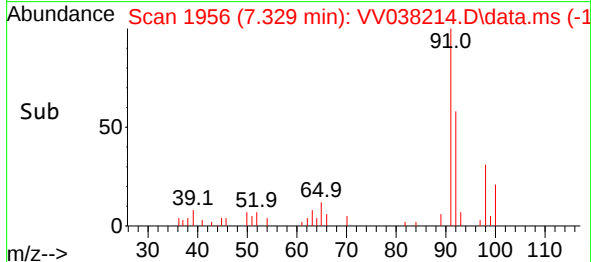
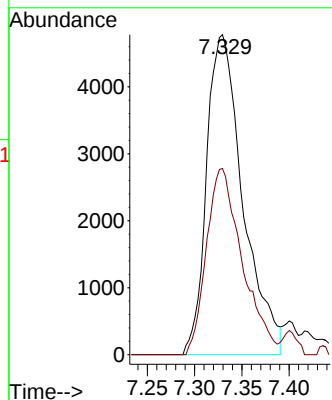
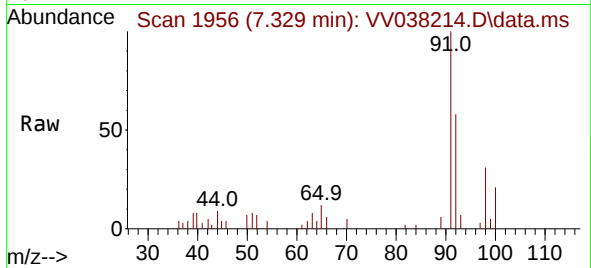




#42
Toluene
Concen: 0.160 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.022 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

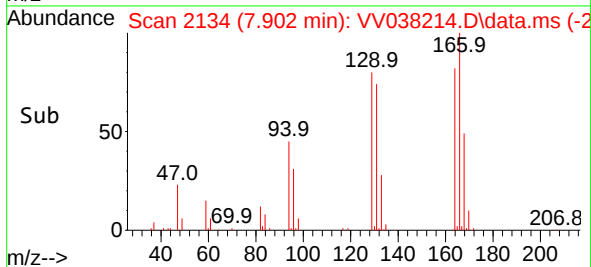
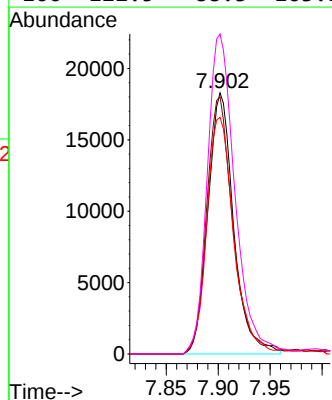
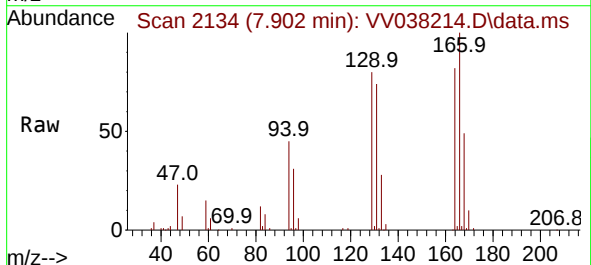
Instrument :
MSVOA_V
ClientSampleId :

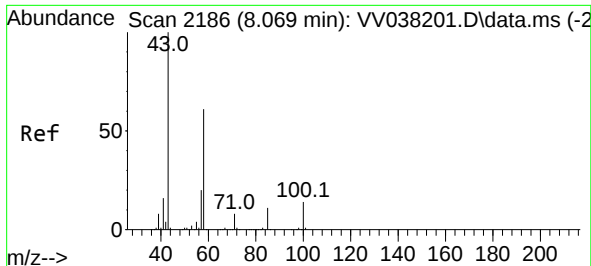
Tgt Ion: 91 Resp: 12795
Ion Ratio Lower Upper
91 100
92 58.2 40.8 75.8



#47
Tetrachloroethene
Concen: 1.909 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

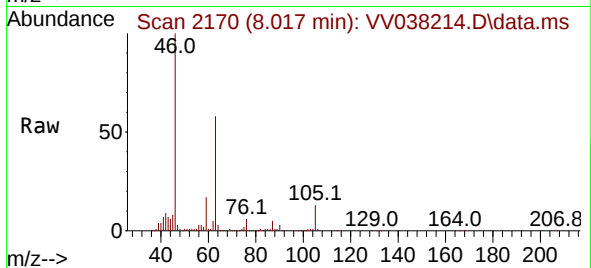
Tgt Ion:164 Resp: 31546
Ion Ratio Lower Upper
164 100
129 98.4 68.5 127.1
131 90.6 64.8 120.4
166 122.5 88.3 163.9



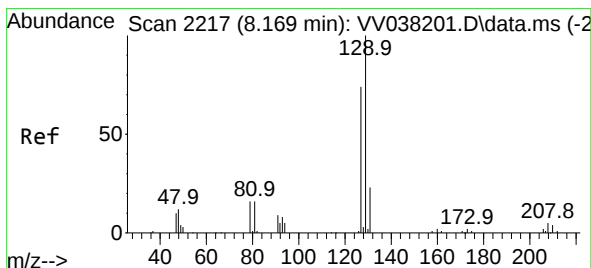
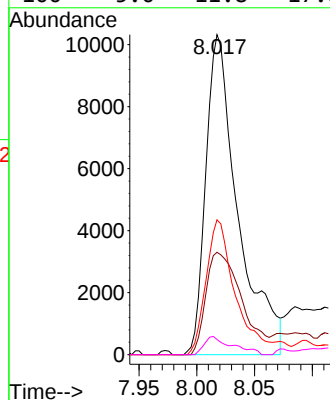
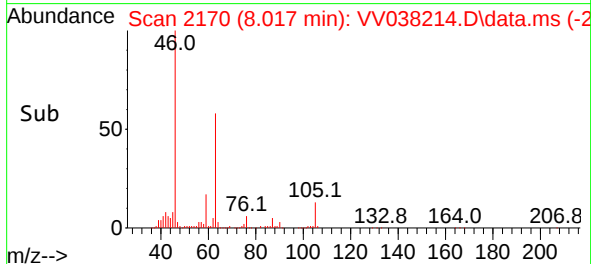


#48
2-Hexanone
Concen: 2.781 ug/L
RT: 8.017 min Scan# 2186
Delta R.T. -0.052 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

Instrument :
MSVOA_V
ClientSampleId :

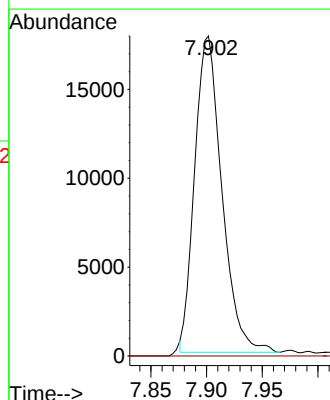
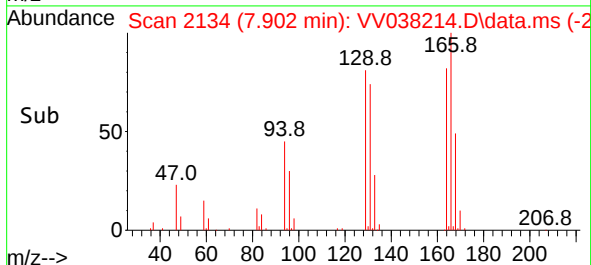
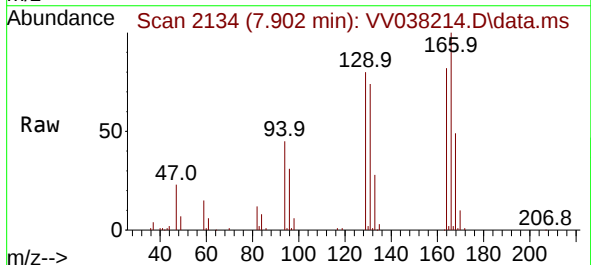


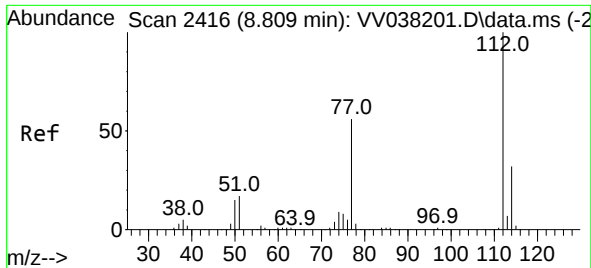
Tgt Ion: 43 Resp: 19946
Ion Ratio Lower Upper
43 100
58 35.8 49.2 73.8#
57 38.3 16.9 25.3#
100 5.0 11.8 17.8#



#49
Dibromochloromethane
Concen: 1.808 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

Tgt Ion: 129 Resp: 30216
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

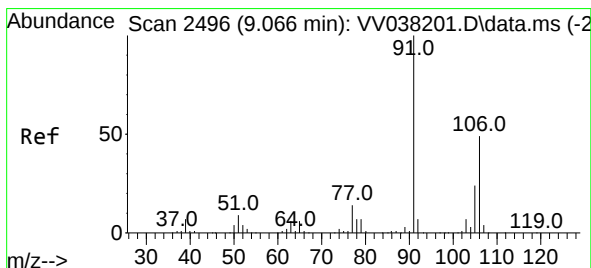
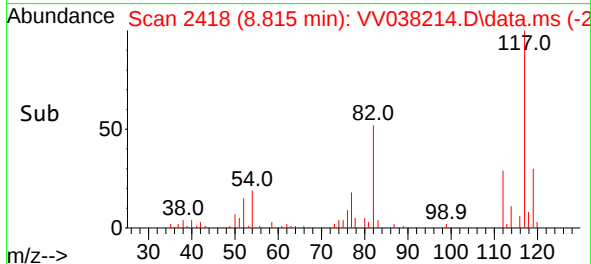
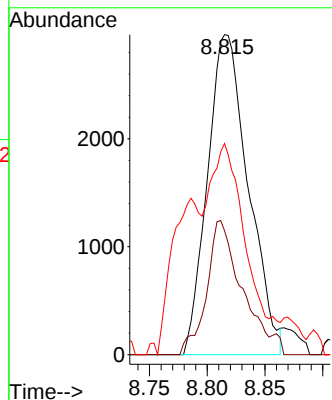
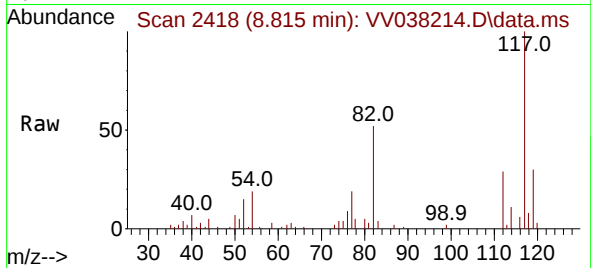




#51
Chlorobenzene
Concen: 0.133 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

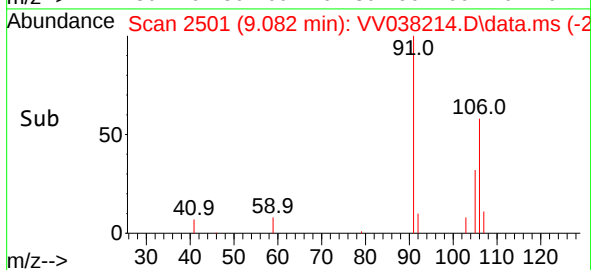
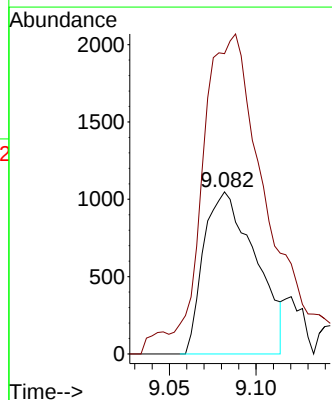
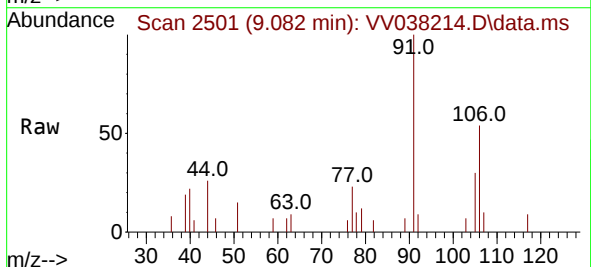
Instrument :
MSVOA_V
ClientSampleId :

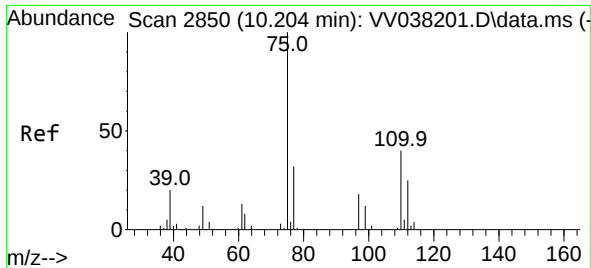
Tgt Ion:112 Resp: 7306
Ion Ratio Lower Upper
112 100
114 38.8 22.0 40.8
77 83.8 45.0 67.4#



#53
m,p-Xylene
Concen: 0.068 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.016 min
Lab File: VV038214.D
Acq: 20 Nov 2024 14:44

Tgt Ion:106 Resp: 2179
Ion Ratio Lower Upper
106 100
91 185.3 138.7 257.5





#61

1,2,3-Trichloropropane

Concen: 1.334 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.974 min

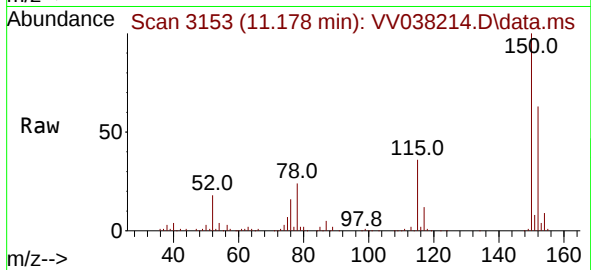
Lab File: VV038214.D

Acq: 20 Nov 2024 14:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75	Resp:	12596
Ion Ratio	Lower	Upper
75	100	
77	31.3	26.4 39.6
110	1.6	32.3 48.5#

