

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038215.D
 Acq On : 20 Nov 2024 15:09
 Operator : SY/MD
 Sample : P4883-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:49:45 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)

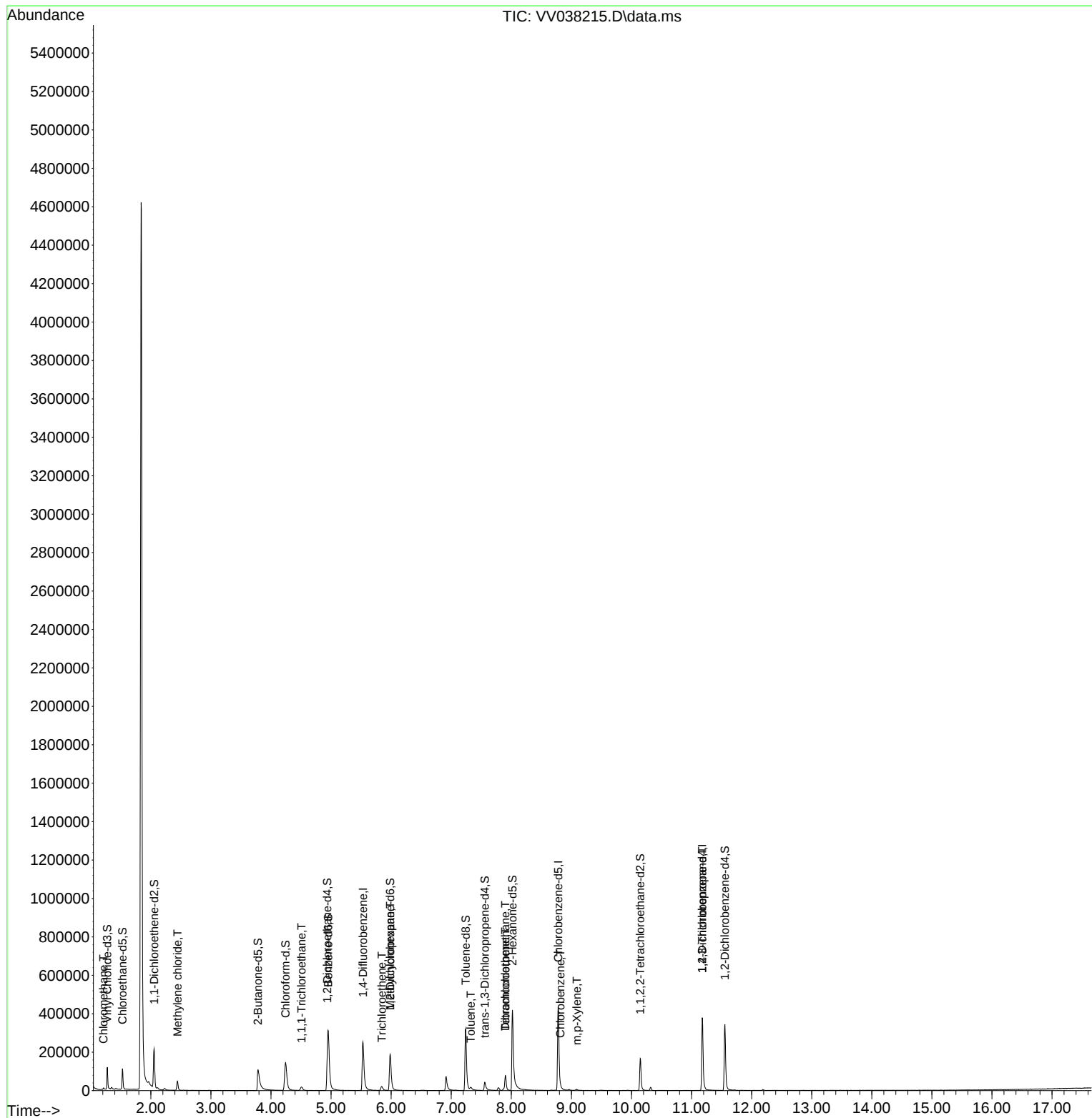
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	266064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	110086	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74968	4.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.526	69	69645	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.053	65	33276	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.783	46	181685	48.933	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.860%
24) Chloroform-d	4.243	84	167216	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	84501	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.953	84	293510	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.982	67	100223	4.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.239	98	233486	3.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.558	79	31953	4.062	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.017	63	159185	52.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86205	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	98431	5.248	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.211	50	5117	0.259	ug/L	97
16) Methylene chloride	2.442	84	19606	0.994	ug/L	92
29) 1,1,1-Trichloroethane	4.510	97	17502	0.548	ug/L	96
34) Trichloroethene	5.844	95	8320	0.408	ug/L	91
35) Methylcyclohexane	5.982	83	24298	0.843	ug/L #	19
42) Toluene	7.323	91	13033	0.165	ug/L	96
47) Tetrachloroethene	7.902	164	19014	1.161	ug/L	97
49) Dibromochloromethane	7.902	129	17374	1.050	ug/L #	11
51) Chlorobenzene	8.815	112	7310	0.134	ug/L	91
53) m,p-Xylene	9.091	106	2091	0.066	ug/L	78
61) 1,2,3-Trichloropropane	11.178	75	12230	1.298	ug/L #	41

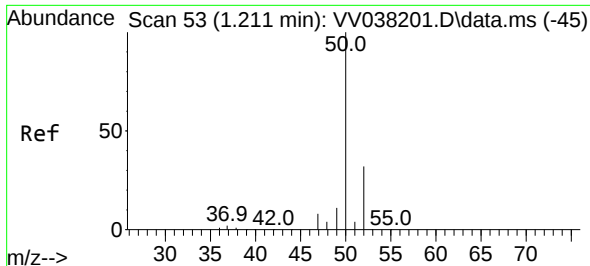
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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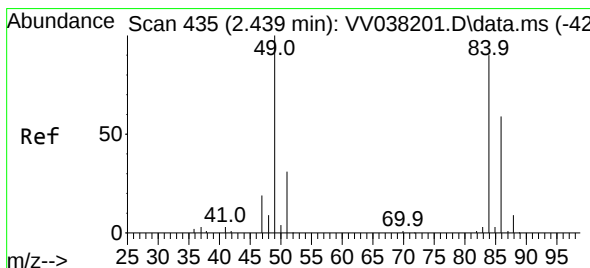
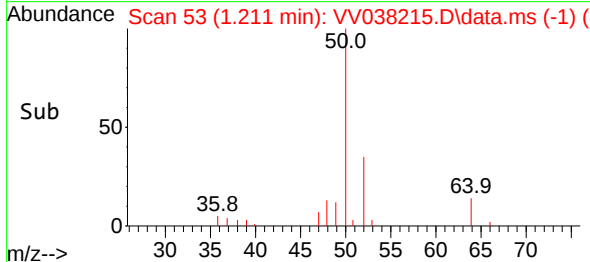
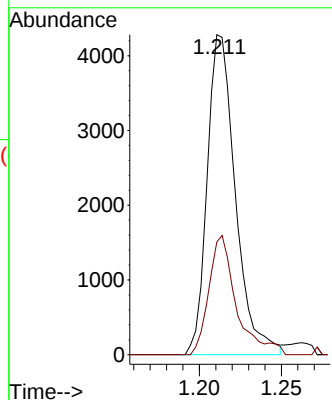
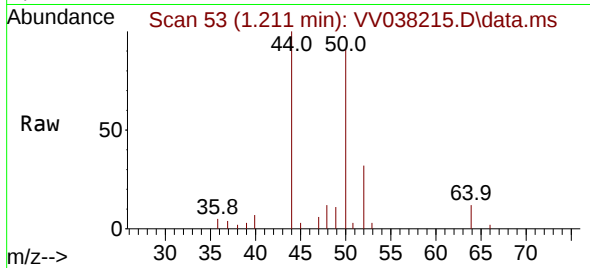




#3
Chloromethane
Concen: 0.259 ug/L
RT: 1.211 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV038215.D
Acq: 20 Nov 2024 15:09

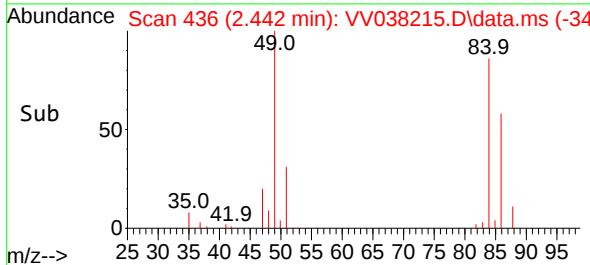
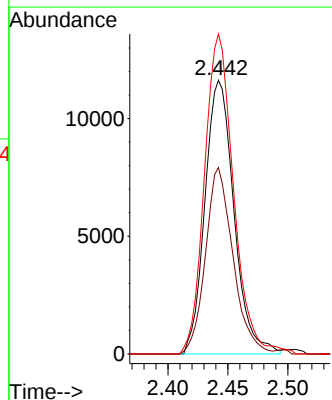
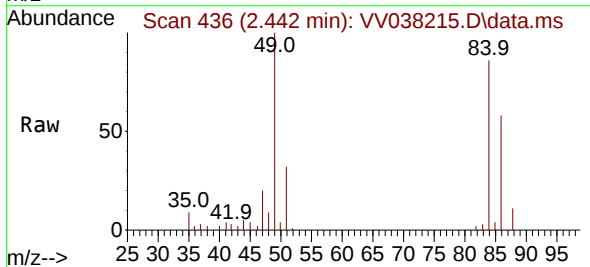
Instrument :
MSVOA_V
ClientSampleId :

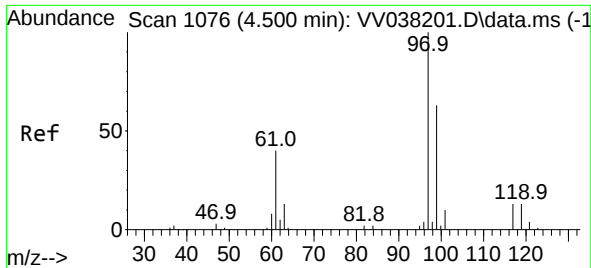
Tgt Ion: 50 Resp: 5117
Ion Ratio Lower Upper
50 100
52 35.3 23.5 43.7



#16
Methylene chloride
Concen: 0.994 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038215.D
Acq: 20 Nov 2024 15:09

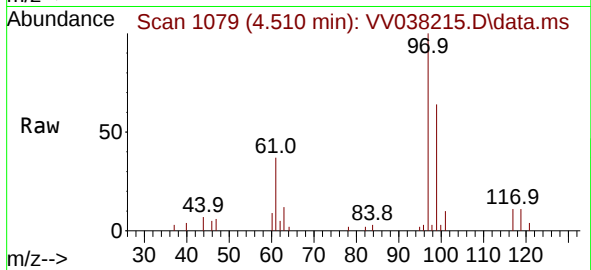
Tgt Ion: 84 Resp: 19606
Ion Ratio Lower Upper
84 100
86 68.1 44.2 82.2
49 116.9 74.9 139.1



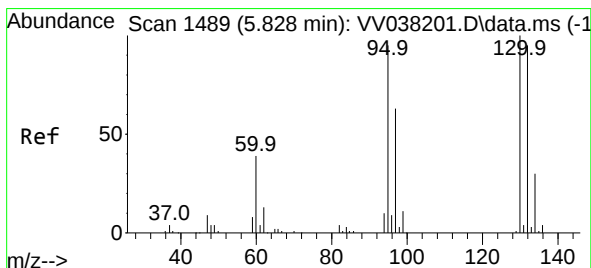
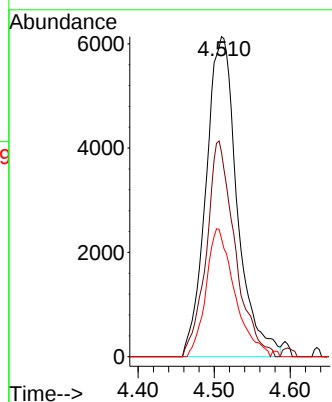
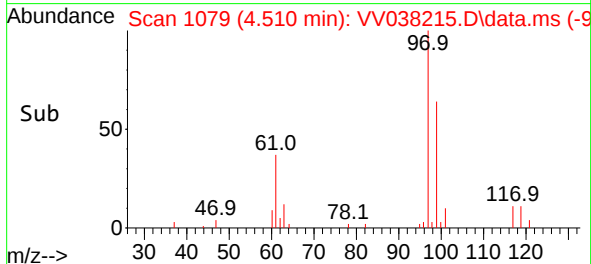


#29
1,1,1-Trichloroethane
Concen: 0.548 ug/L
RT: 4.510 min Scan# 1076
Delta R.T. 0.010 min
Lab File: VV038215.D
Acq: 20 Nov 2024 15:09

Instrument :
MSVOA_V
ClientSampleId :

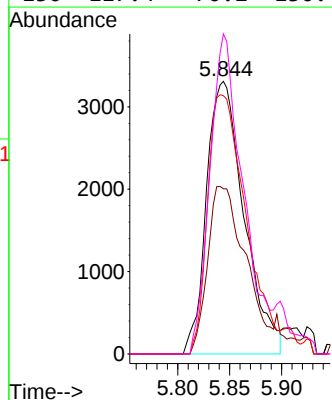
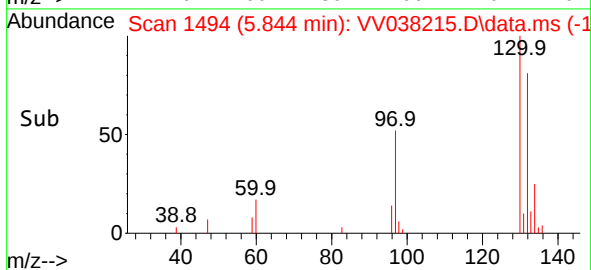
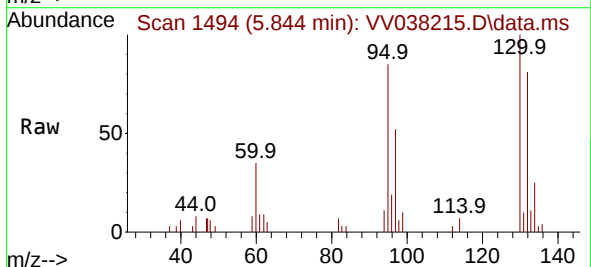


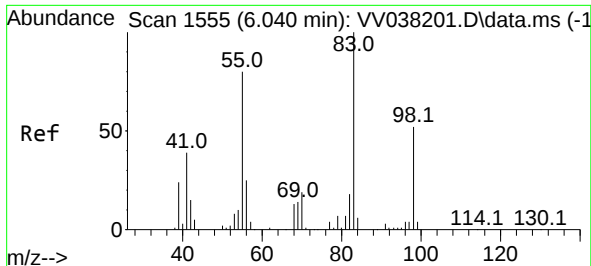
Tgt Ion:	97	Resp:	17502
Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.8	77.8
61	36.8	32.2	48.2



#34
Trichloroethene
Concen: 0.408 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV038215.D
Acq: 20 Nov 2024 15:09

Tgt Ion:	95	Resp:	8320
Ion	Ratio	Lower	Upper
95	100		
97	60.5	44.8	83.2
132	94.7	68.3	126.8
130	117.4	70.2	130.4





#35

Methylcyclohexane

Concen: 0.843 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038215.D

Acq: 20 Nov 2024 15:09

Instrument :

MSVOA_V

ClientSampleId :

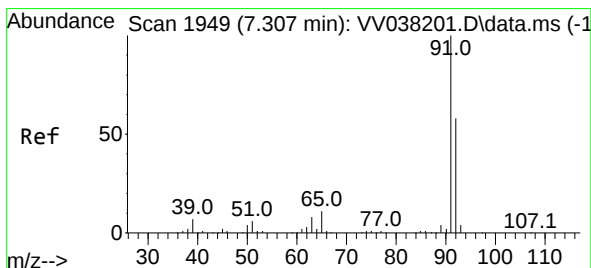
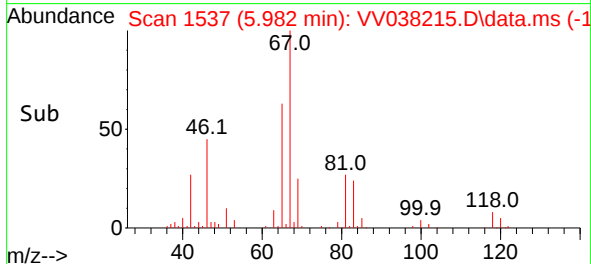
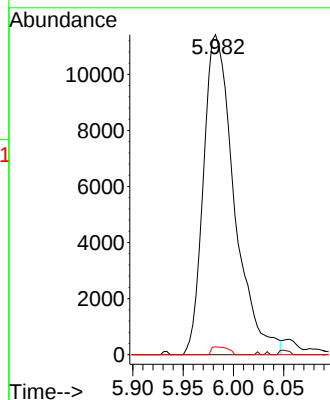
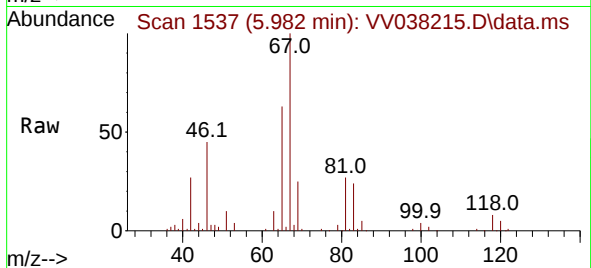
Tgt Ion: 83 Resp: 24298

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

98 1.3 39.0 58.4#



#42

Toluene

Concen: 0.165 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038215.D

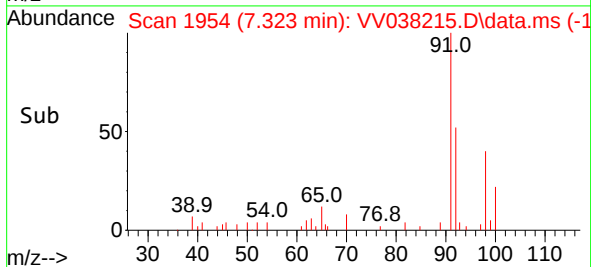
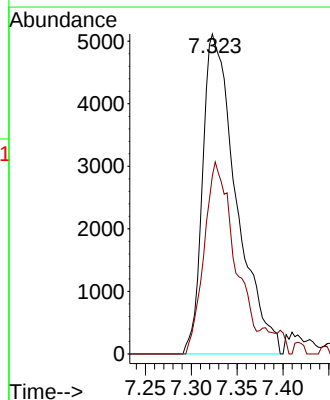
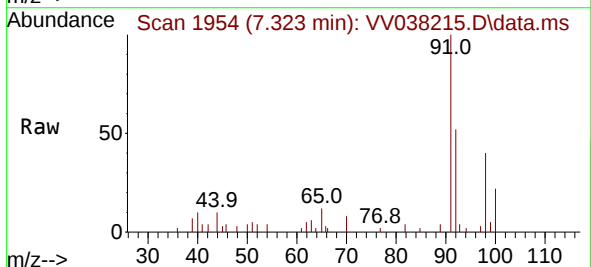
Acq: 20 Nov 2024 15:09

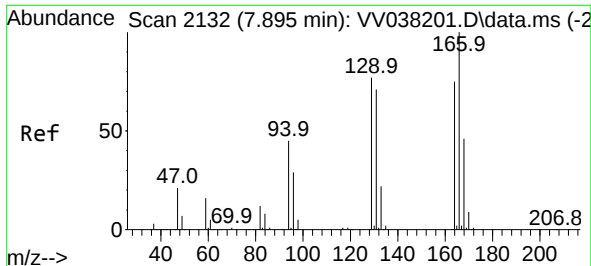
Tgt Ion: 91 Resp: 13033

Ion Ratio Lower Upper

91 100

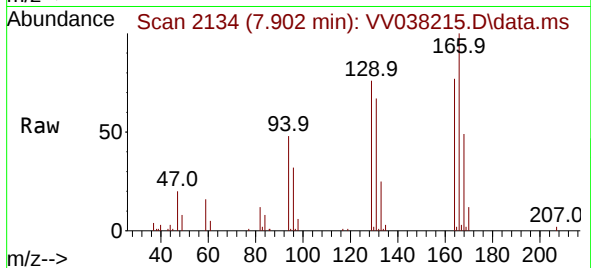
92 55.7 40.8 75.8



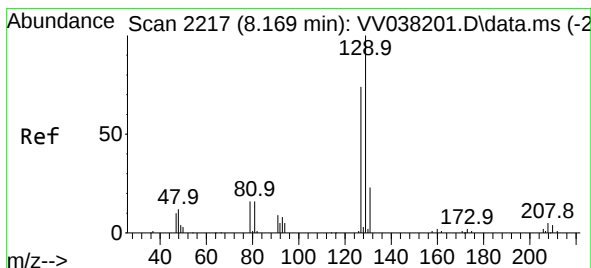
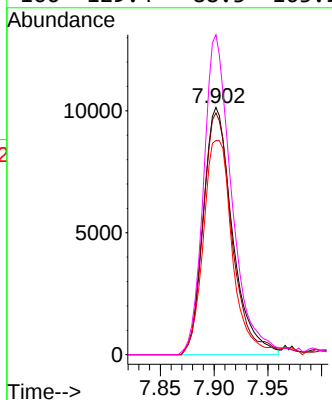


#47
 Tetrachloroethene
 Concen: 1.161 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.006 min
 Lab File: VV038215.D
 Acq: 20 Nov 2024 15:09

Instrument :
 MSVOA_V
 ClientSampleId :

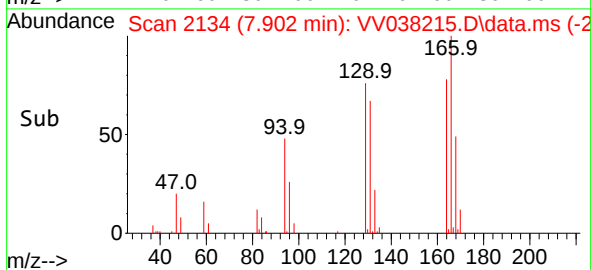
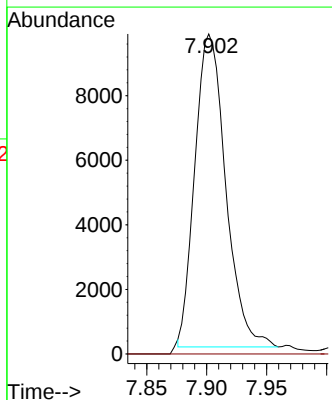
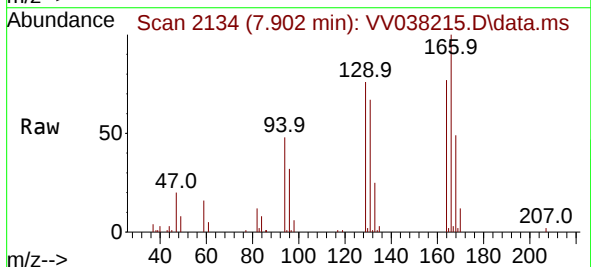


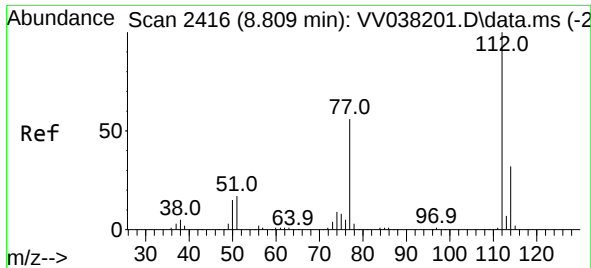
Tgt Ion:	164	Resp:	19014
Ion	Ratio	Lower	Upper
164	100		
129	97.8	68.5	127.1
131	86.6	64.8	120.4
166	129.4	88.3	163.9



#49
 Dibromochloromethane
 Concen: 1.050 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. -0.267 min
 Lab File: VV038215.D
 Acq: 20 Nov 2024 15:09

Tgt Ion:	129	Resp:	17374
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#

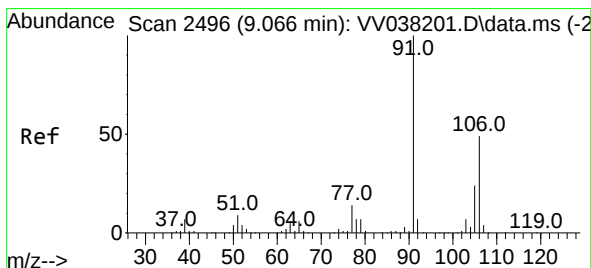
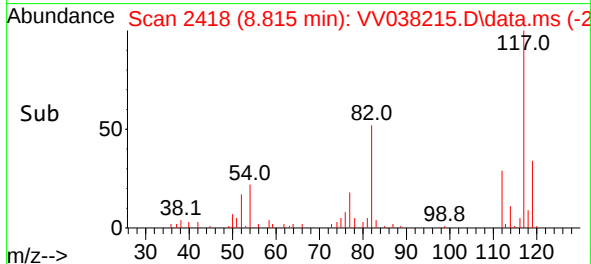
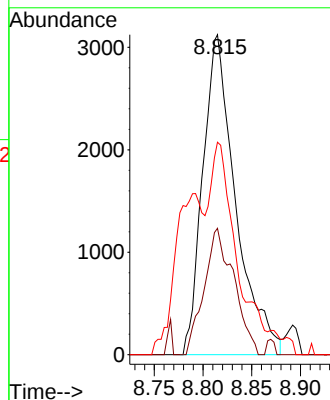
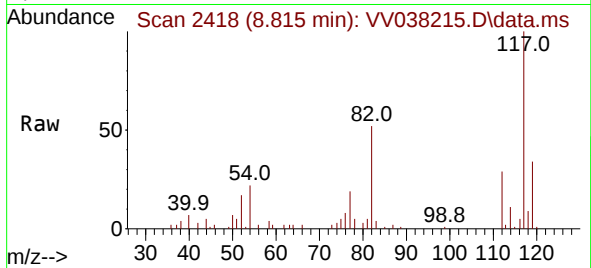




#51
Chlorobenzene
Concen: 0.134 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV038215.D
Acq: 20 Nov 2024 15:09

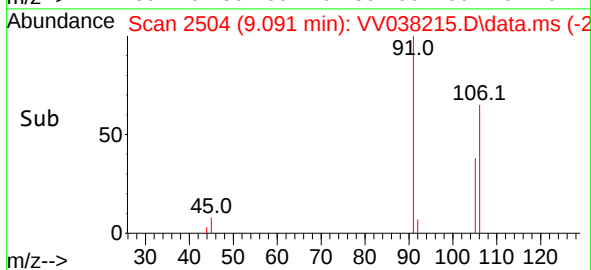
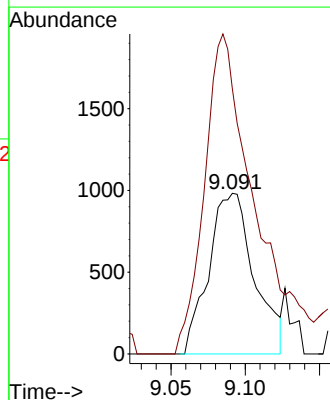
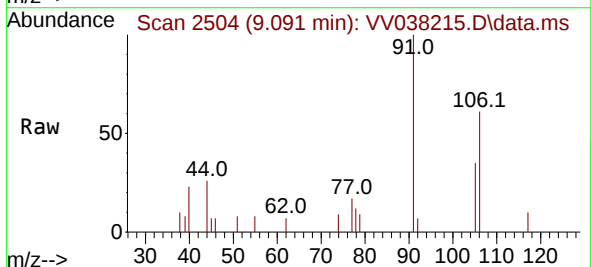
Instrument :
MSVOA_V
ClientSampleId :

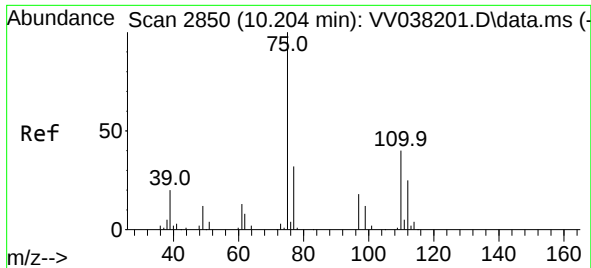
Tgt Ion:112 Resp: 7310
Ion Ratio Lower Upper
112 100
114 36.9 22.0 40.8
77 62.0 45.0 67.4



#53
m,p-Xylene
Concen: 0.066 ug/L
RT: 9.091 min Scan# 2504
Delta R.T. 0.026 min
Lab File: VV038215.D
Acq: 20 Nov 2024 15:09

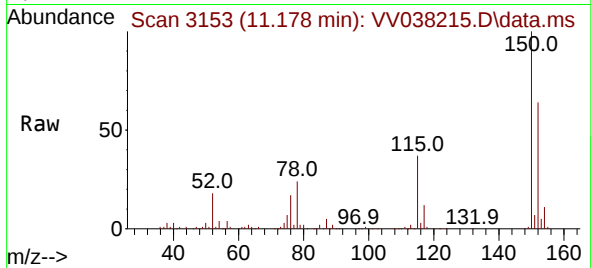
Tgt Ion:106 Resp: 2091
Ion Ratio Lower Upper
106 100
91 165.1 138.7 257.5





#61
 1,2,3-Trichloropropane
 Concen: 1.298 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038215.D
 Acq: 20 Nov 2024 15:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 12230
 Ion Ratio Lower Upper
 75 100
 77 1.5 26.4 39.6#
 110 1.6 32.3 48.5#

