

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038204.D
 Acq On : 20 Nov 2024 10:44
 Operator : SY/MD
 Sample : P4882-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J6

Quant Time: Nov 21 01:46:02 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)

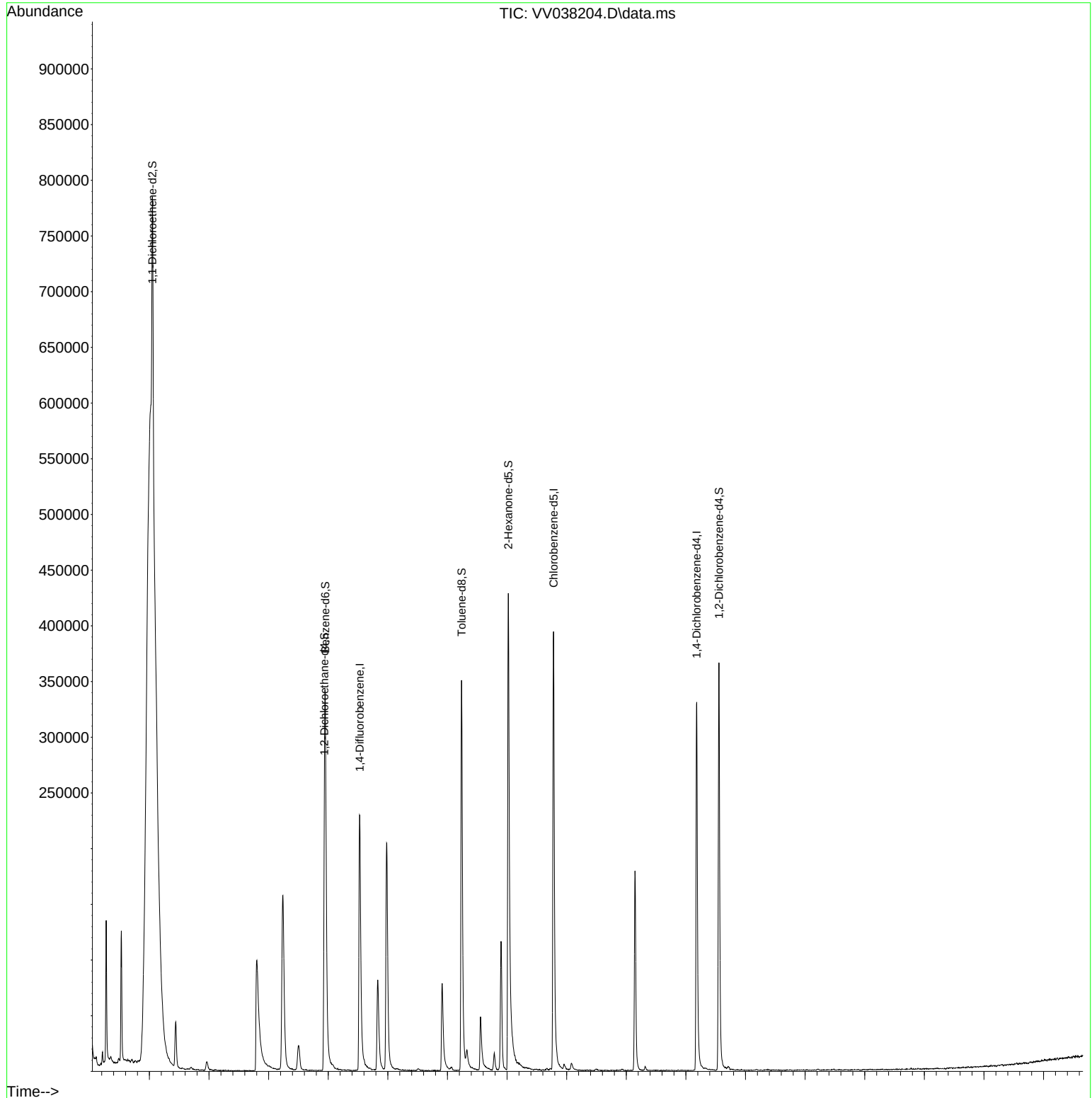
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	221238	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	245746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	98403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	82438	4.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.529	69	76976	5.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.200%
11) 1,1-Dichloroethene-d2	2.050	65	37388	5.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	3.799	46	203665	60.038	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.080%
24) Chloroform-d	4.236	84	182094	5.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	4.934	65	89841	6.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.600%
32) Benzene-d6	4.950	84	324120	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	5.979	67	107160	5.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.236	98	259134	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.555	79	36592	5.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.021	63	176750	62.576	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92333	5.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	103393	6.167	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.400%#
Target Compounds	Qvalue					
3) Chloromethane	1.211	50	7326	0.406	ug/L	95
6) Bromomethane	1.484	94	2005	0.252	ug/L	95
16) Methylene chloride	2.442	84	19065	1.058	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	3815	0.222	ug/L	86
29) 1,1,1-Trichloroethane	4.500	97	19583	0.664	ug/L	97
34) Trichloroethene	5.831	95	32625	1.734	ug/L	96
47) Tetrachloroethene	7.902	164	28411	1.879	ug/L	98
51) Chlorobenzene	8.812	112	8636	0.171	ug/L	92

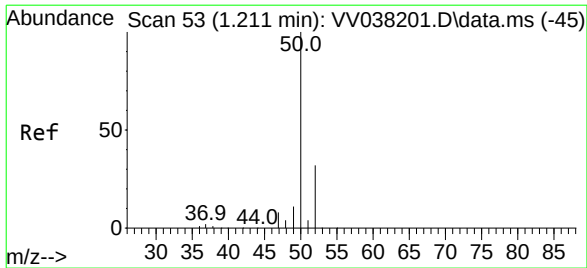
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

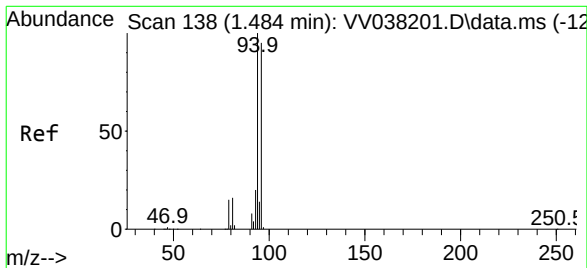
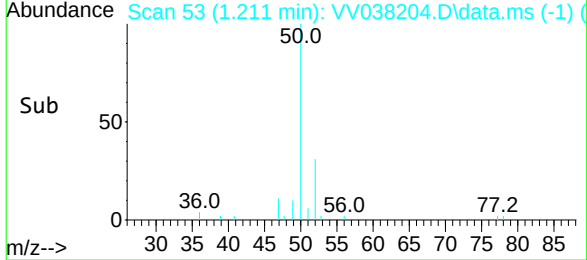
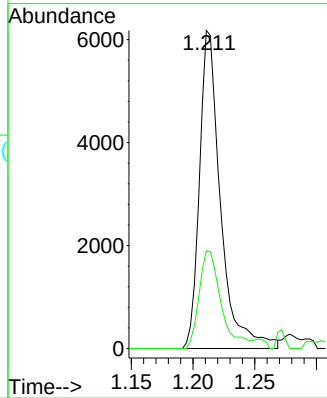
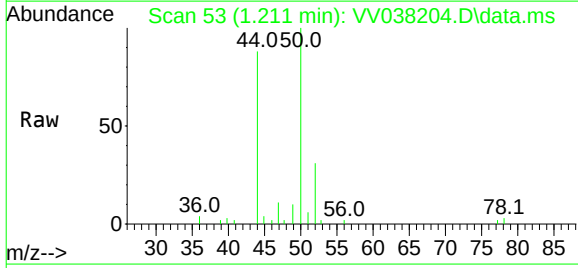




#3
Chloromethane
Concen: 0.406 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

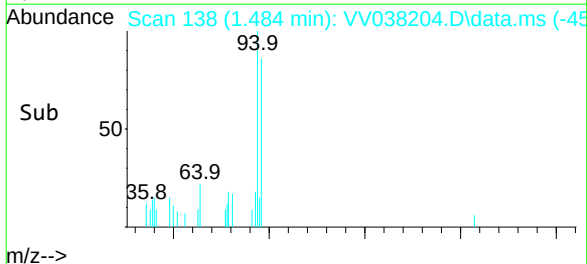
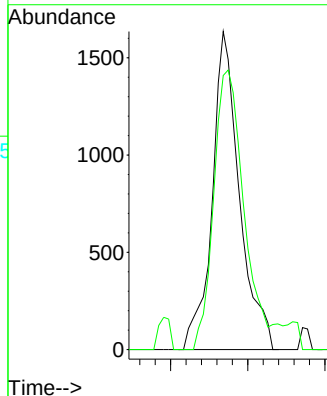
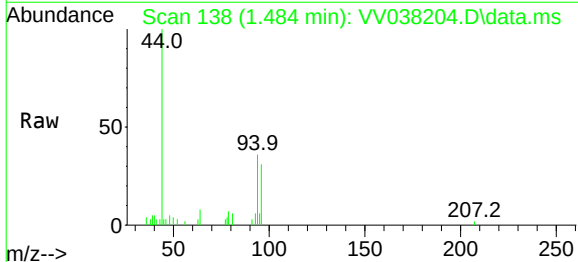
Instrument :
MSVOA_V
ClientSampleId :
BG3J6

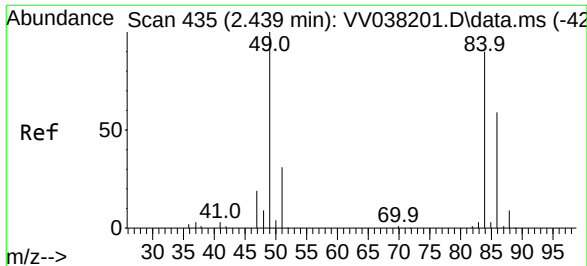
Tgt Ion: 50 Resp: 7326
Ion Ratio Lower Upper
50 100
52 30.7 23.5 43.7



#6
Bromomethane
Concen: 0.252 ug/L
RT: 1.484 min Scan# 138
Delta R.T. 0.000 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

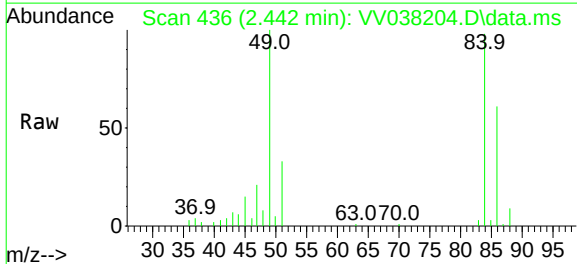
Tgt Ion: 94 Resp: 2005
Ion Ratio Lower Upper
94 100
96 86.2 63.7 118.3



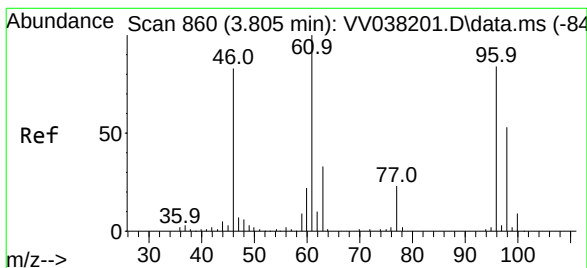
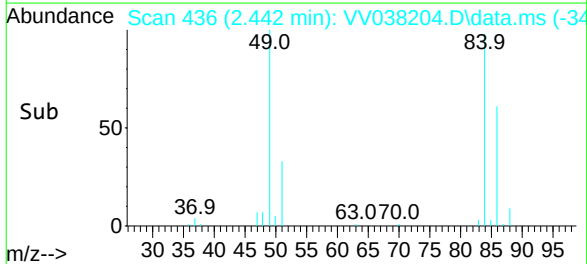
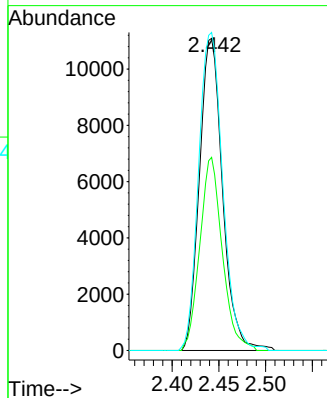


#16
Methylene chloride
Concen: 1.058 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Instrument :
MSVOA_V
ClientSampleId :
BG3J6

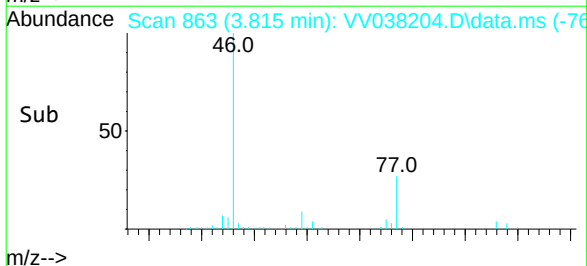
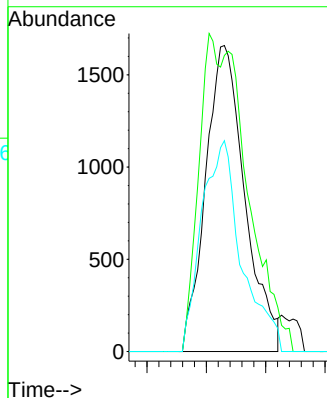
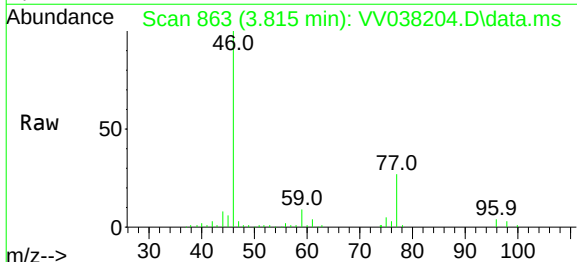


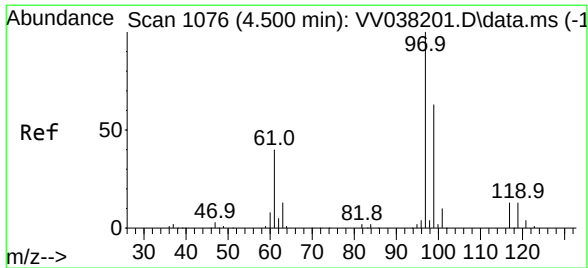
Tgt Ion: 84 Resp: 19065
Ion Ratio Lower Upper
84 100
86 61.9 44.2 82.2
49 101.9 74.9 139.1



#22
cis-1,2-Dichloroethene
Concen: 0.222 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Tgt Ion: 96 Resp: 3815
Ion Ratio Lower Upper
96 100
61 96.7 82.7 153.5
98 68.9 46.3 85.9

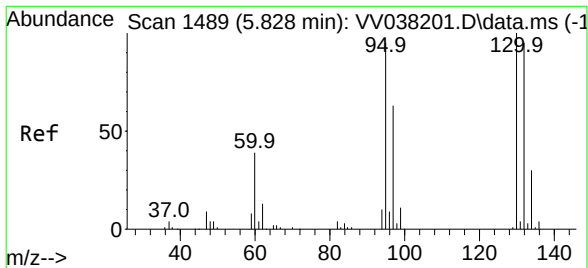
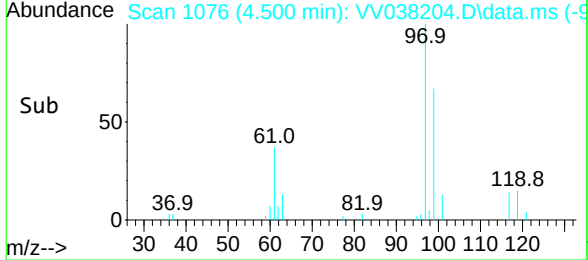
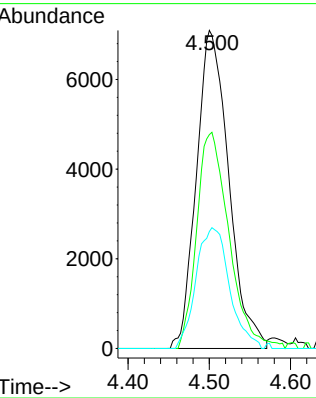
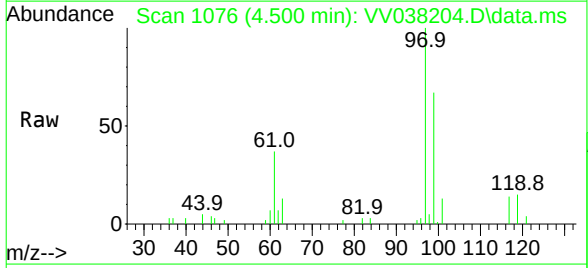




#29
 1,1,1-Trichloroethane
 Concen: 0.664 ug/L
 RT: 4.500 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VV038204.D
 Acq: 20 Nov 2024 10:44

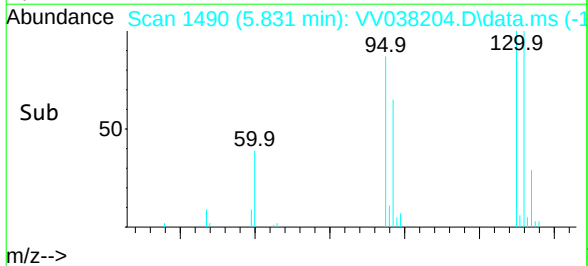
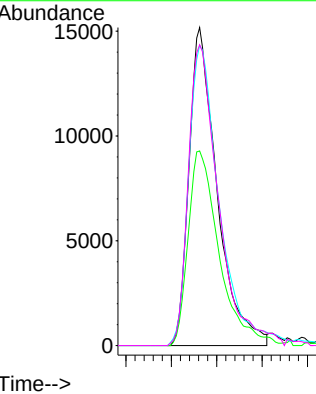
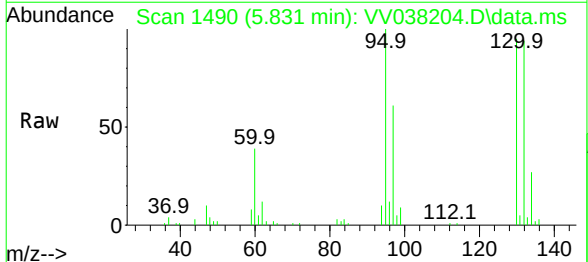
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 MSVOA_V
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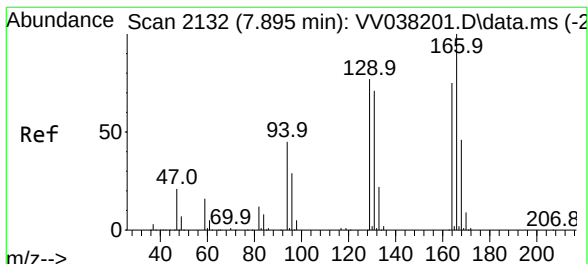
Tgt Ion:	97	Resp:	19583
Ion	Ratio	Lower	Upper
97	100		
99	68.1	51.8	77.8
61	39.3	32.2	48.2



#34
 Trichloroethene
 Concen: 1.734 ug/L
 RT: 5.831 min Scan# 1490
 Delta R.T. 0.003 min
 Lab File: VV038204.D
 Acq: 20 Nov 2024 10:44

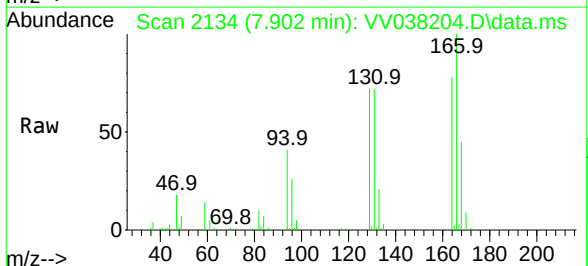
Tgt Ion:	95	Resp:	32625
Ion	Ratio	Lower	Upper
95	100		
97	61.2	44.8	83.2
132	94.4	68.3	126.8
130	94.6	70.2	130.4





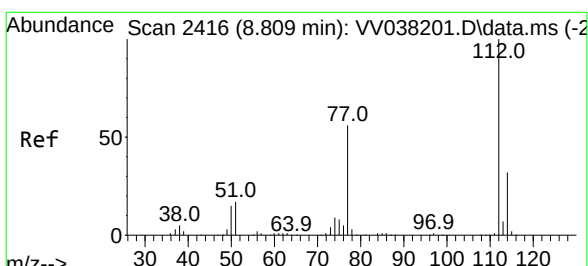
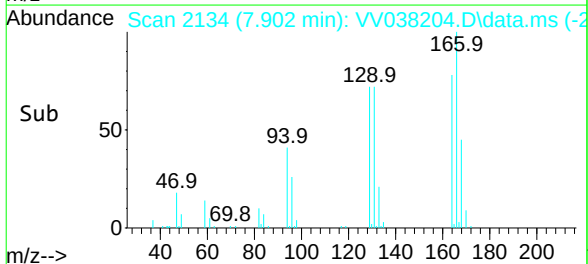
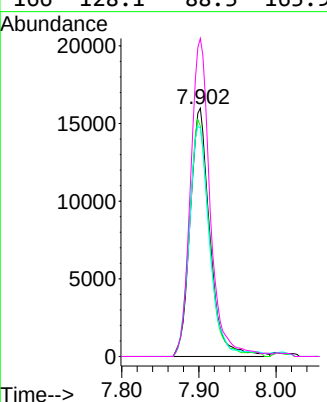
#47
Tetrachloroethene
Concen: 1.879 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Instrument :
MSVOA_V
ClientSampleId :
BG3J6



Tgt Ion: 164 Resp: 28411

Ion	Ratio	Lower	Upper
164	100		
129	92.8	68.5	127.1
131	91.9	64.8	120.4
166	128.1	88.3	163.9



#51
Chlorobenzene
Concen: 0.171 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Tgt Ion: 112 Resp: 8636

Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.0	40.8
77	47.9	45.0	67.4

