

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038208.D
 Acq On : 20 Nov 2024 12:20
 Operator : SY/MD
 Sample : P4882-12DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H9DL

Quant Time: Nov 21 01:47:19 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)

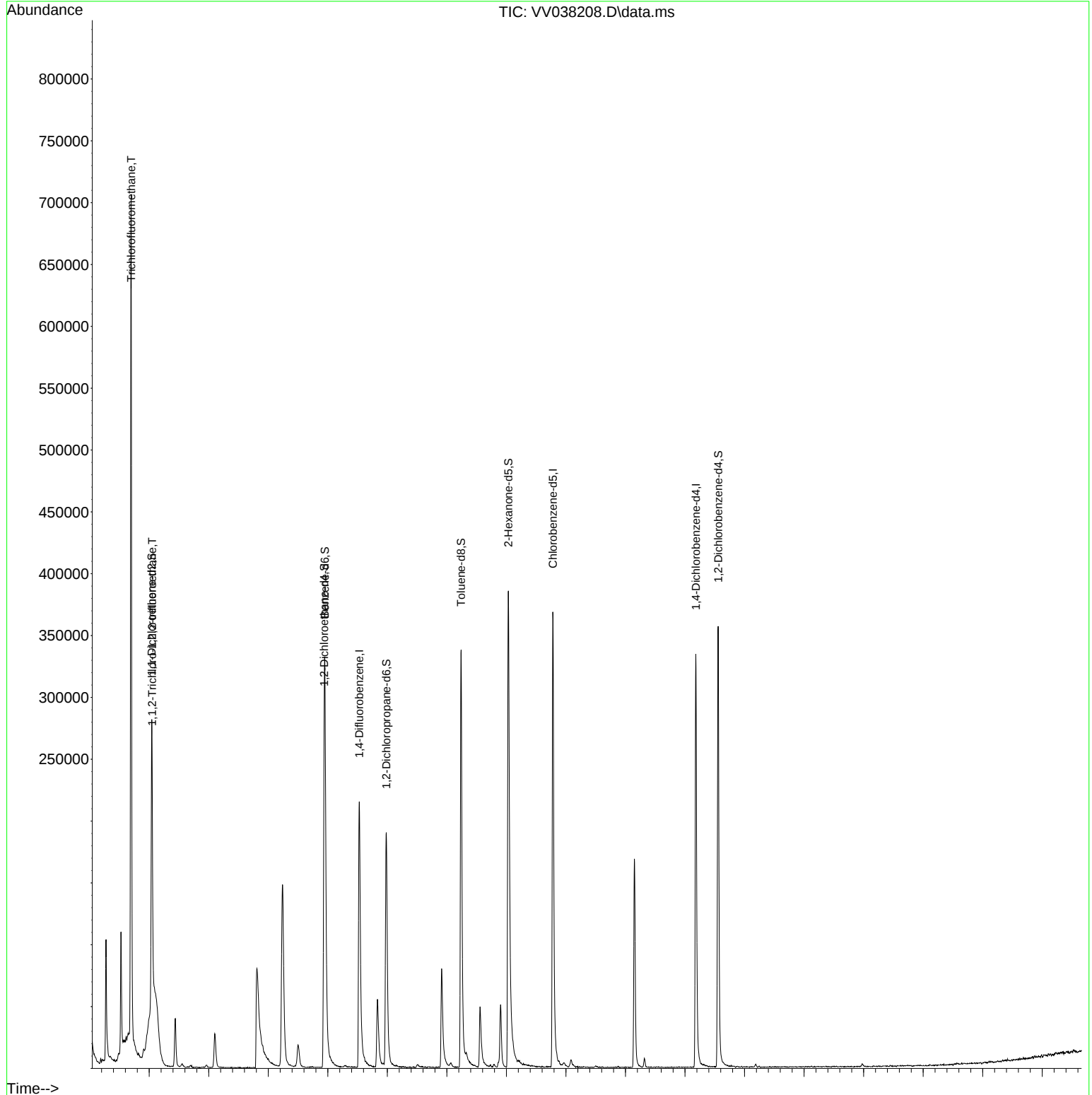
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	214436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	224591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	96692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74673	4.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.526	69	63699	4.791	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.044	65	33962	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.805	46	200417	60.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.900%
24) Chloroform-d	4.240	84	170323	5.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	4.937	65	84499	5.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
32) Benzene-d6	4.950	84	316181	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	5.982	67	104036	5.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.400%
41) Toluene-d8	7.239	98	254905	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.558	79	35399	5.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.034	63	174909	67.757	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.520%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	89100	5.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	101585	6.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.400%#
Target Compounds						
6) Bromomethane	1.484	94	1183	0.153	ug/L	88
9) Trichlorofluoromethane	1.696	101	376878	13.378	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	6166	0.384	ug/L	93
12) 1,1-Dichloroethene	2.056	96	3884	0.254	ug/L #	1
16) Methylene chloride	2.439	84	18428	1.055	ug/L	98
19) 1,1-Dichloroethane	3.101	63	30412	1.038	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	3455	0.207	ug/L	96
29) 1,1,1-Trichloroethane	4.500	97	16274	0.604	ug/L	97
34) Trichloroethene	5.834	95	21806	1.268	ug/L	94
47) Tetrachloroethene	7.902	164	12789	0.925	ug/L	99

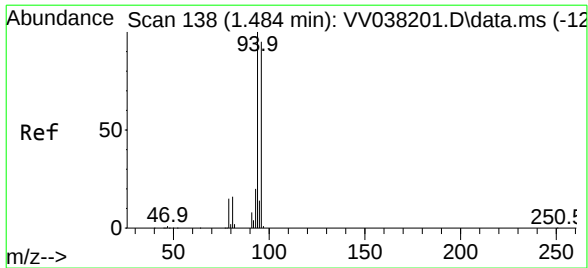
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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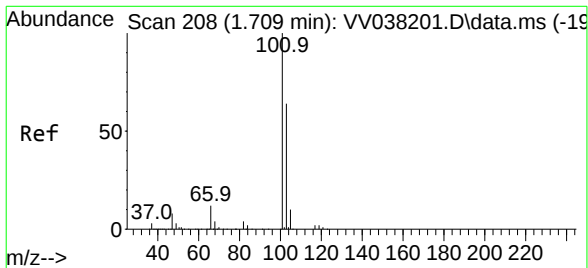
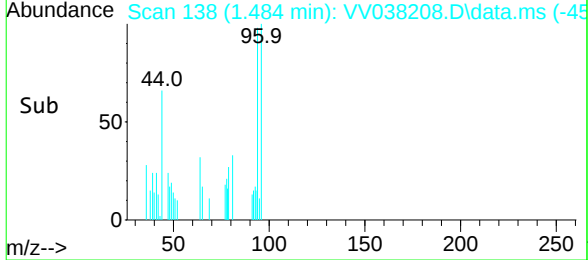
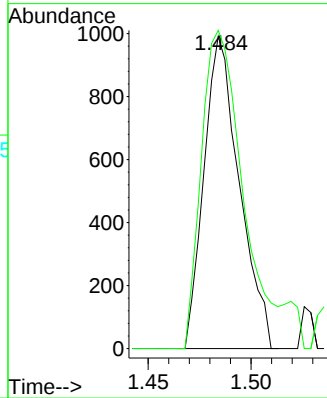
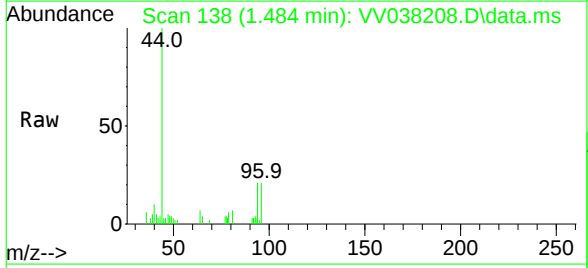




#6
Bromomethane
Concen: 0.153 ug/L
RT: 1.484 min Scan# 13
Delta R.T. 0.000 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

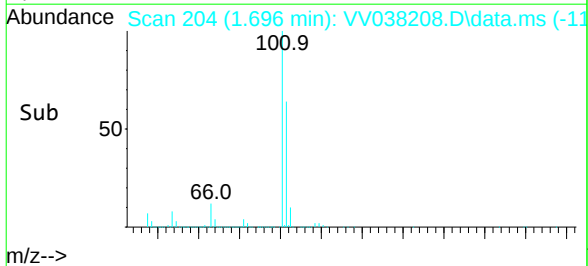
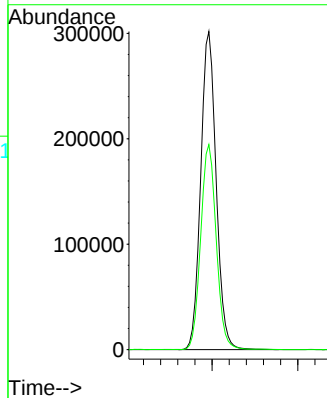
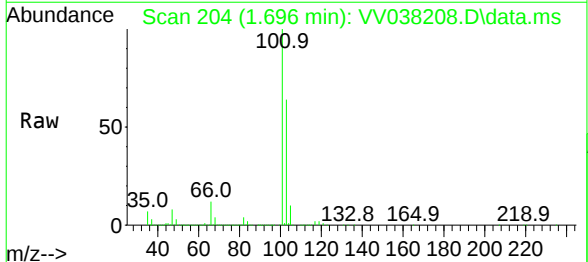
Instrument :
MSVOA_V
ClientSampleId :
BG3H9DL

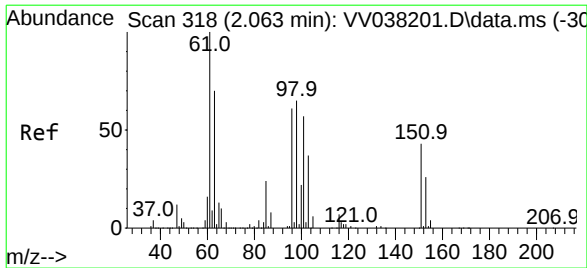
Tgt Ion: 94 Resp: 1183
Ion Ratio Lower Upper
94 100
96 101.9 63.7 118.3



#9
Trichlorofluoromethane
Concen: 13.378 ug/L
RT: 1.696 min Scan# 204
Delta R.T. -0.013 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 101 Resp: 376878
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

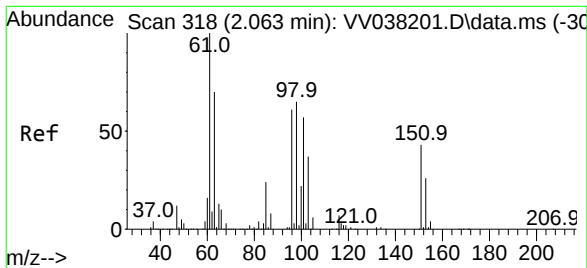
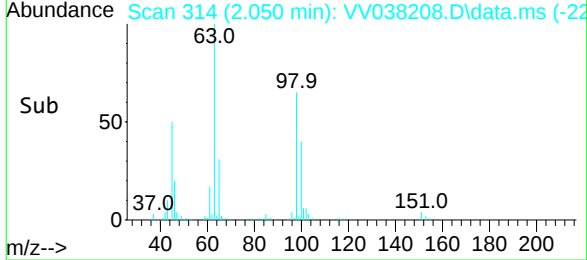
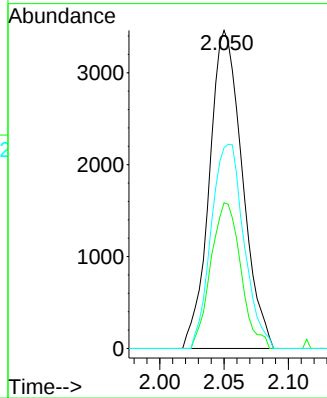
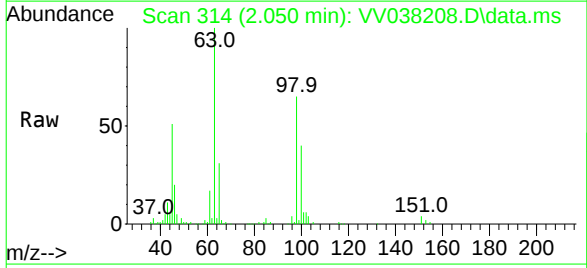




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.384 ug/L
RT: 2.050 min Scan# 316
Delta R.T. -0.013 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

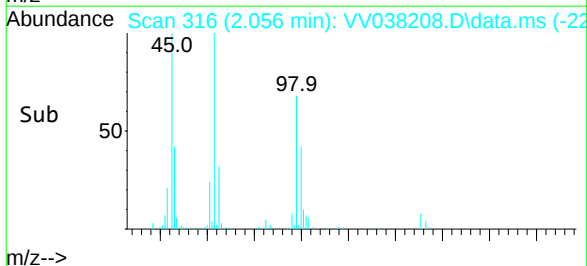
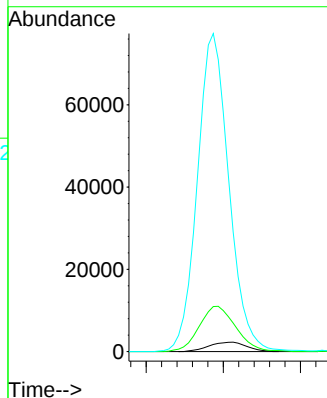
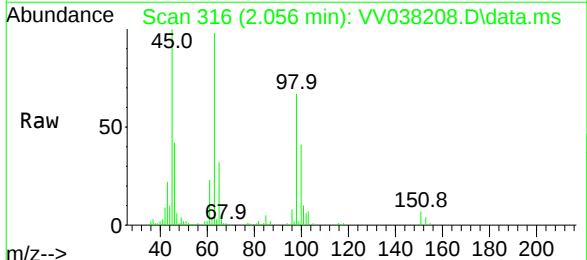
Instrument :
MSVOA_V
ClientSampleId :
BG3H9DL

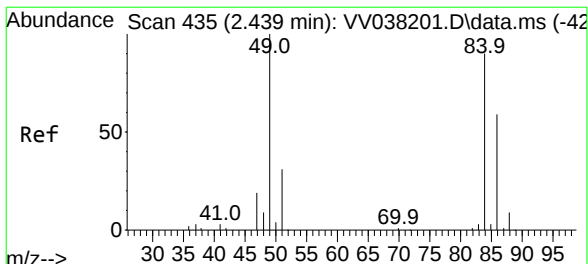
Tgt Ion: 101 Resp: 6166
Ion Ratio Lower Upper
101 100
85 41.8 33.4 50.0
151 63.7 58.8 88.2



#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 96 Resp: 3884
Ion Ratio Lower Upper
96 100
61 302.1 115.7 214.9#
63 1267.1 101.1 187.7#

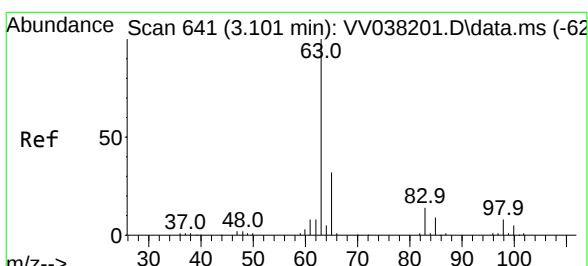
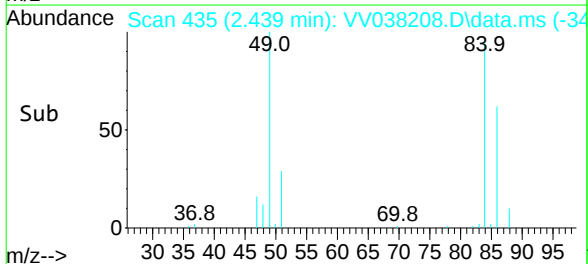
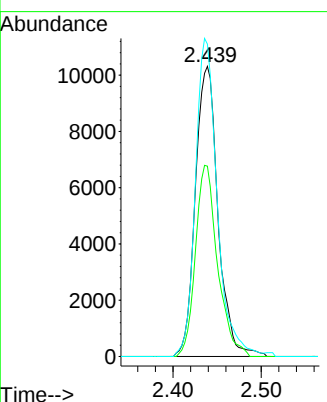
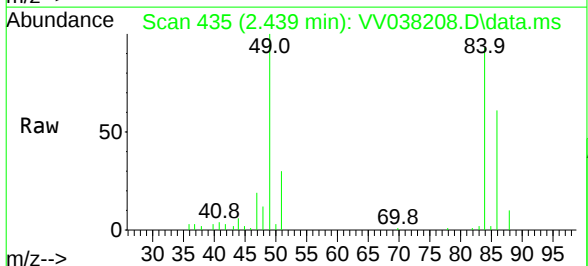




#16
Methylene chloride
Concen: 1.055 ug/L
RT: 2.439 min Scan# 43
Delta R.T. 0.000 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

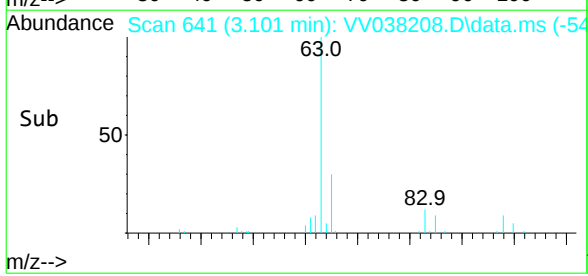
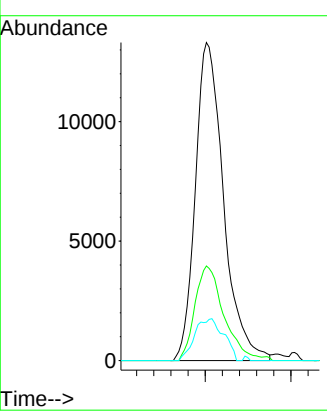
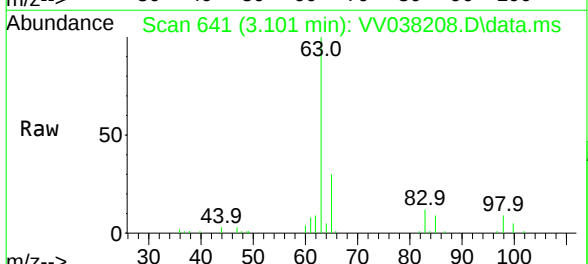
Instrument :
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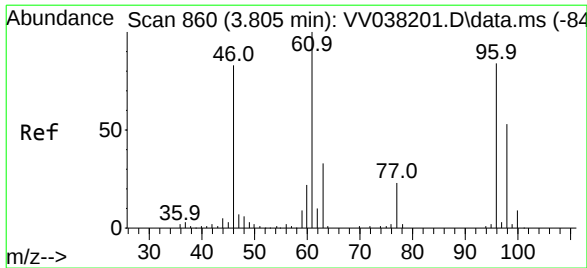
Tgt Ion:	84	Resp:	18428
Ion	Ratio	Lower	Upper
84	100		
86	65.6	44.2	82.2
49	107.7	74.9	139.1



#19
1,1-Dichloroethane
Concen: 1.038 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Tgt Ion:	63	Resp:	30412
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.5	41.7
83	12.1	10.1	18.9

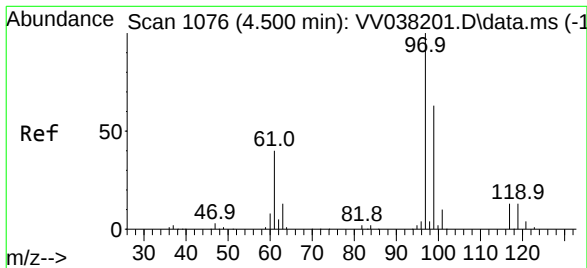
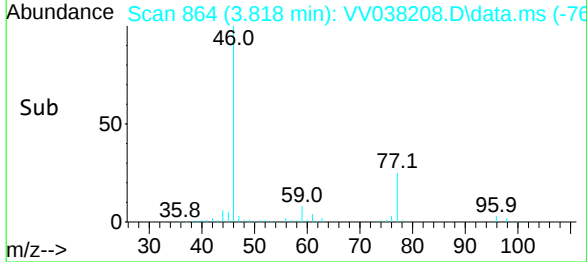
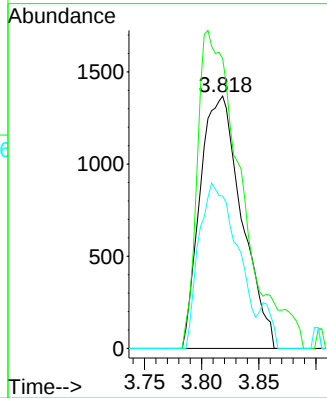
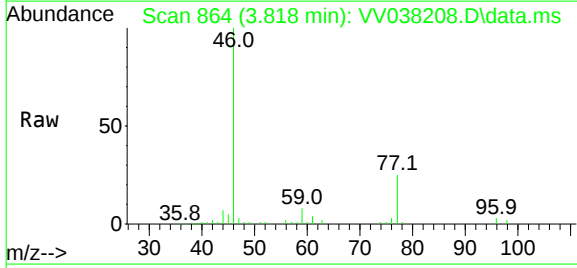




#22
 cis-1,2-Dichloroethene
 Concen: 0.207 ug/L
 RT: 3.818 min Scan# 860
 Delta R.T. 0.013 min
 Lab File: VV038208.D
 Acq: 20 Nov 2024 12:20

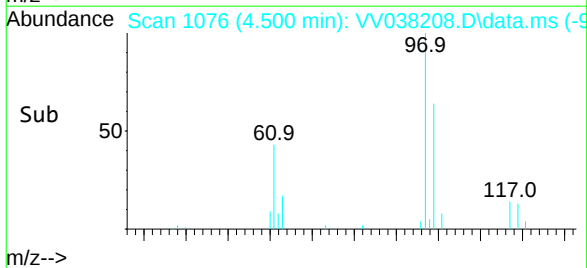
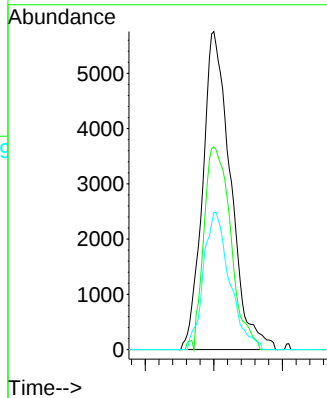
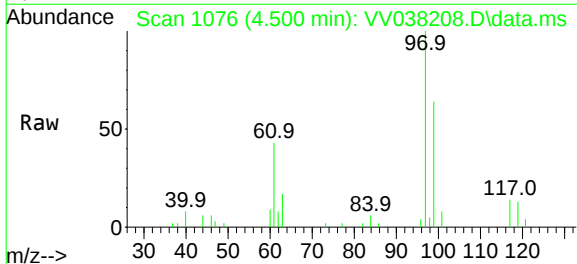
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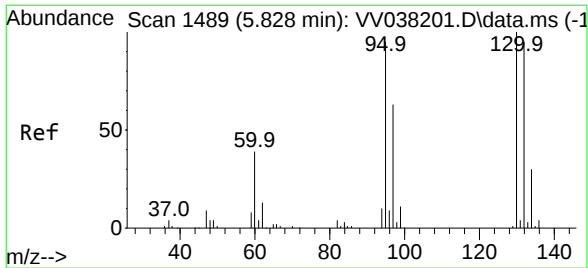
Tgt Ion: 96	Resp: 3455
Ion Ratio	Lower Upper
96 100	
61 114.8	82.7 153.5
98 60.4	46.3 85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.604 ug/L
 RT: 4.500 min Scan# 1076
 Delta R.T. 0.000 min
 Lab File: VV038208.D
 Acq: 20 Nov 2024 12:20

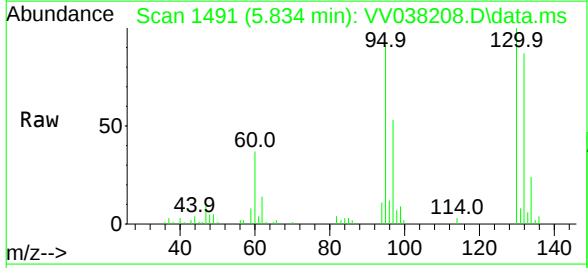
Tgt Ion: 97	Resp: 16274
Ion Ratio	Lower Upper
97 100	
99 61.5	51.8 77.8
61 40.7	32.2 48.2



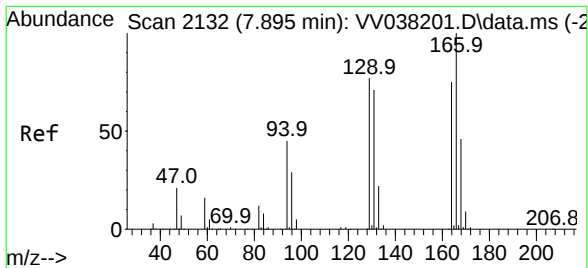
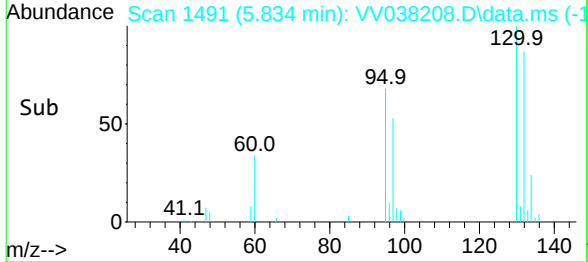
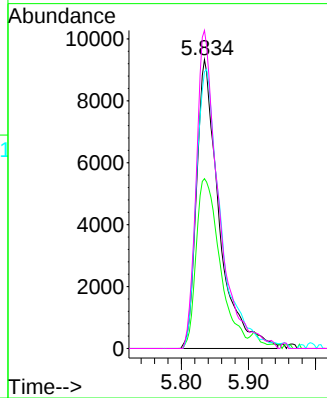


#34
Trichloroethene
Concen: 1.268 ug/L
RT: 5.834 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 95 Resp: 21806
Ion Ratio Lower Upper
95 100
97 58.8 44.8 83.2
132 95.7 68.3 126.8
130 110.1 70.2 130.4



#47
Tetrachloroethene
Concen: 0.925 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 164 Resp: 12789
Ion Ratio Lower Upper
164 100
129 97.8 68.5 127.1
131 95.2 64.8 120.4
166 127.5 88.3 163.9

