

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120624\
 Data File : VV038427.D
 Acq On : 05 Dec 2024 19:42
 Operator : SY/MD
 Sample : P5111-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG450

Quant Time: Dec 06 05:42:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 05:39:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

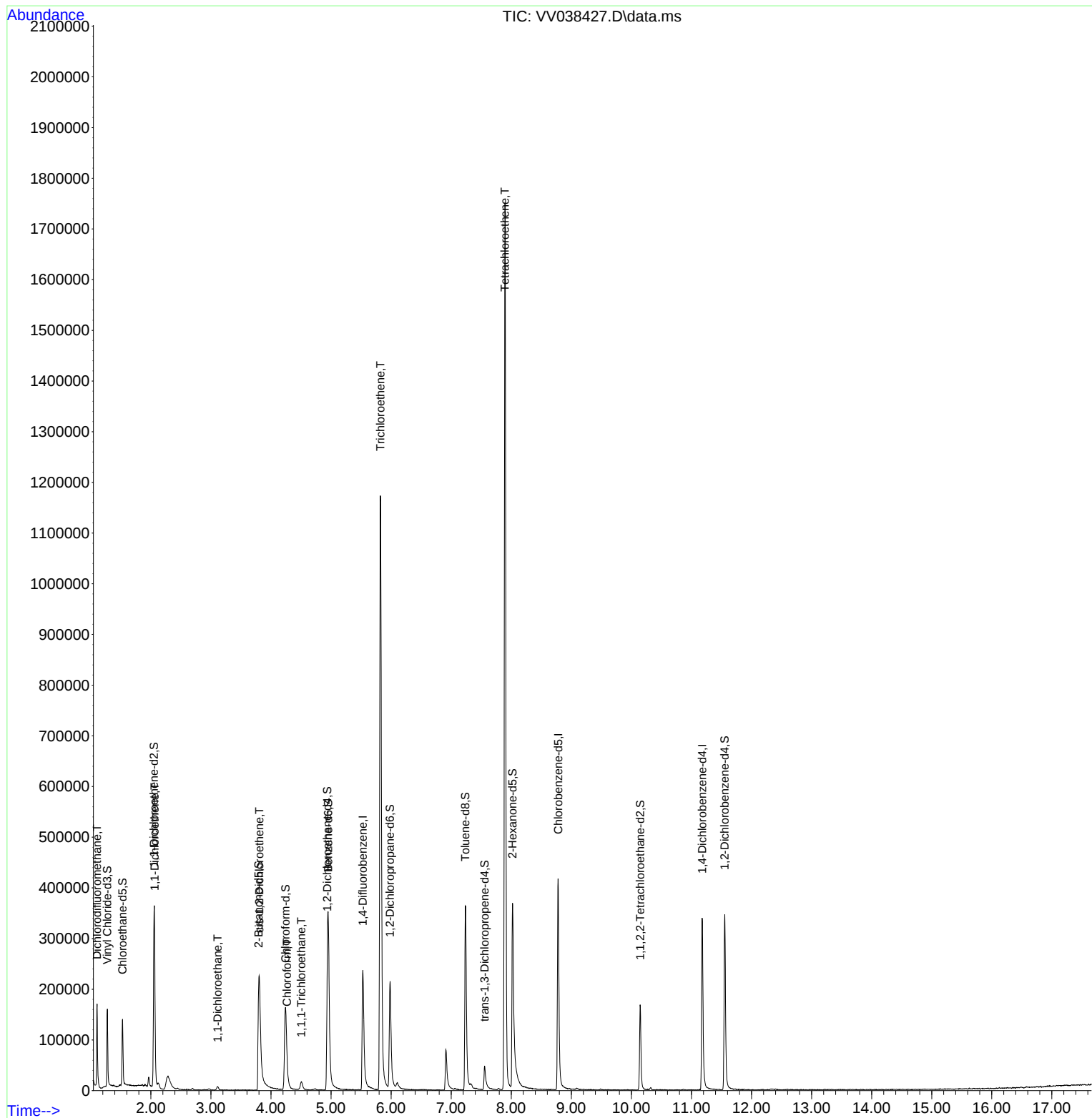
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	218320	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	243378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	99399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	98051	5.860	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.200%	
7) Chloroethane-d5	1.529	69	85018	6.281	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	125.600%	
11) 1,1-Dichloroethene-d2	2.053	65	42954	5.965	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	119.200%	
20) 2-Butanone-d5	3.793	46	184637	55.156	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.320%	
24) Chloroform-d	4.243	84	183209	5.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.800%	
26) 1,2-Dichloroethane-d4	4.937	65	89878	6.168	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	123.400%	
32) Benzene-d6	4.953	84	335057	5.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	5.982	67	113065	5.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.800%	
41) Toluene-d8	7.236	98	265441	4.561	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.558	79	35416	4.921	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.021	63	138379	49.468	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.940%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85106	5.179	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	11.554	152	94708	5.592	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	96021	4.649	ug/L	99
12) 1,1-Dichloroethene	2.063	96	48196	3.091	ug/L #	67
19) 1,1-Dichloroethane	3.111	63	7467	0.250	ug/L	96
22) cis-1,2-Dichloroethene	3.806	96	88105	5.187	ug/L	97
25) Chloroform	4.265	83	10470	0.328	ug/L	90
29) 1,1,1-Trichloroethane	4.506	97	13409	0.459	ug/L	90
34) Trichloroethene	5.822	95	436739	23.435	ug/L	98
47) Tetrachloroethene	7.895	164	383189	25.589	ug/L	99

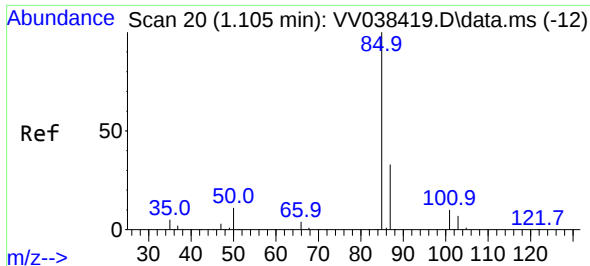
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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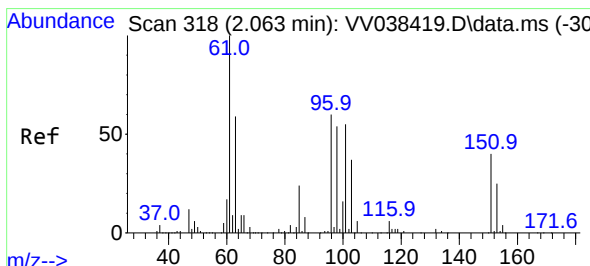
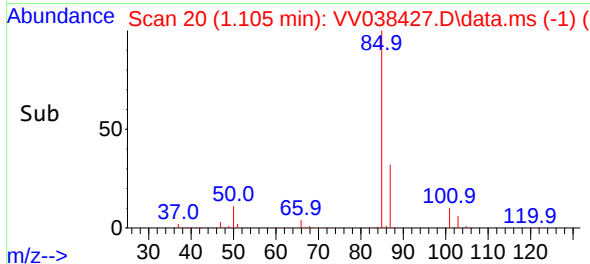
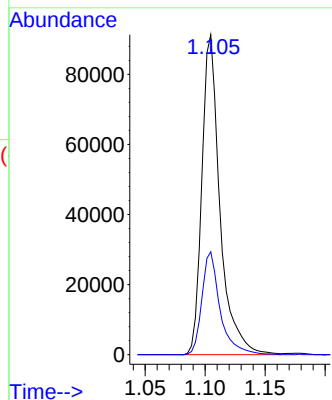
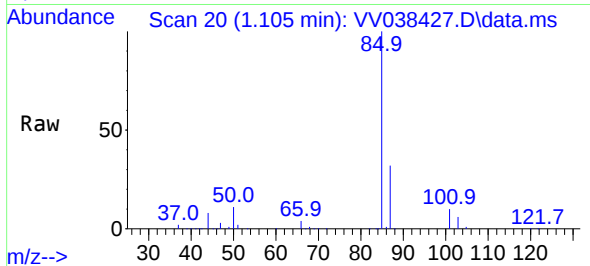




#2
Dichlorodifluoromethane
Concen: 4.649 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

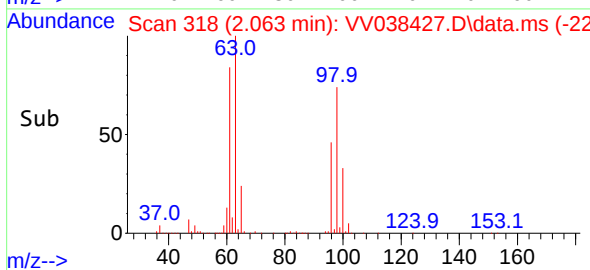
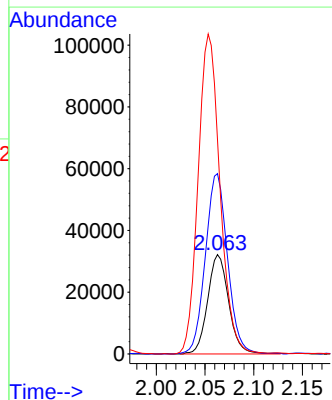
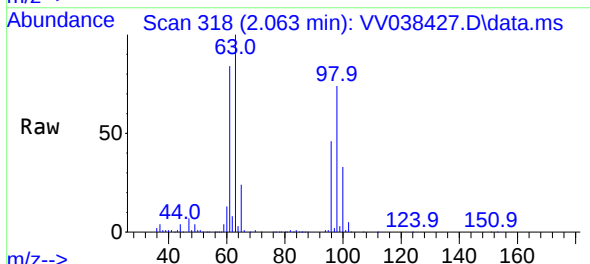
Instrument :
MSVOA_V
ClientSampleId :
BG450

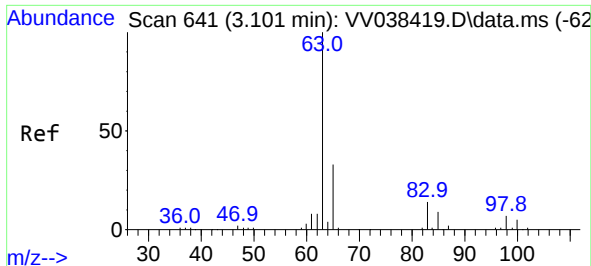
Tgt Ion: 85 Resp: 96021
Ion Ratio Lower Upper
85 100
87 32.3 26.5 39.7



#12
1,1-Dichloroethene
Concen: 3.091 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

Tgt Ion: 96 Resp: 48196
Ion Ratio Lower Upper
96 100
61 181.4 115.7 214.9
63 215.9 101.1 187.7#

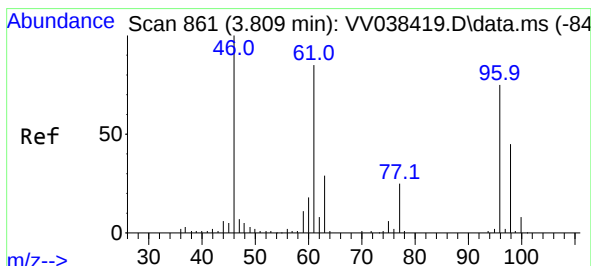
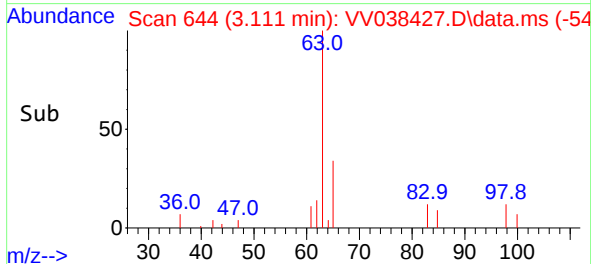
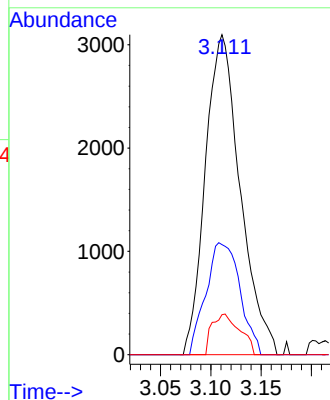
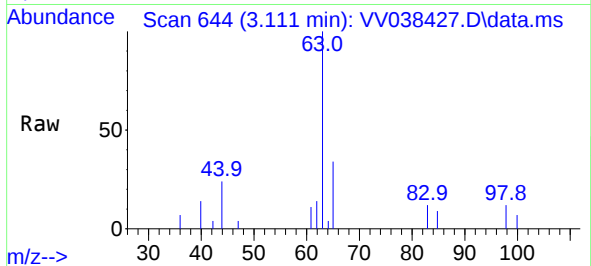




#19
1,1-Dichloroethane
Concen: 0.250 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

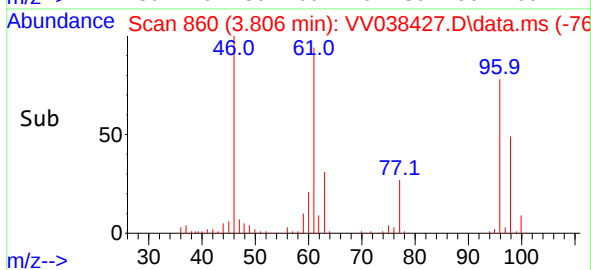
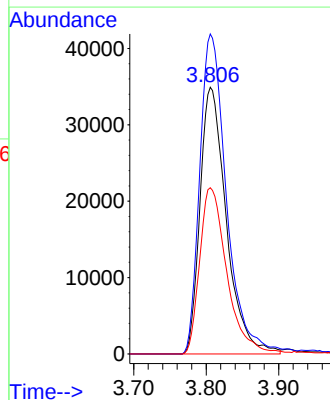
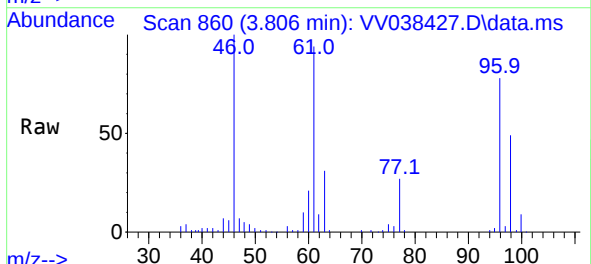
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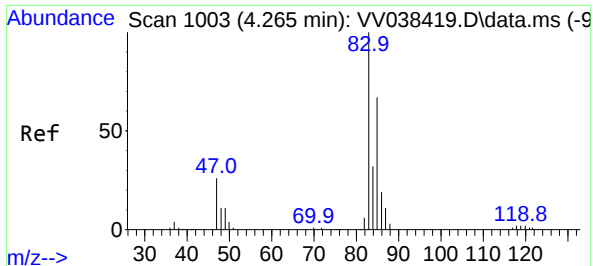
Tgt Ion: 63 Resp: 7467
Ion Ratio Lower Upper
63 100
65 34.4 22.5 41.7
83 12.5 10.1 18.9



#22
cis-1,2-Dichloroethene
Concen: 5.187 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

Tgt Ion: 96 Resp: 88105
Ion Ratio Lower Upper
96 100
61 120.0 82.7 153.5
98 62.3 46.3 85.9

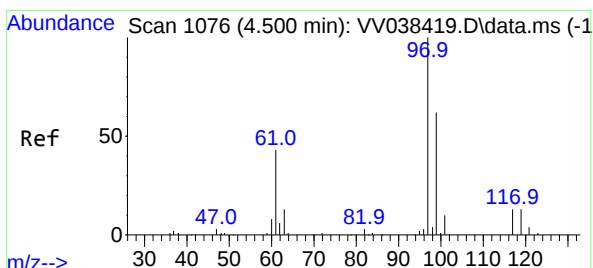
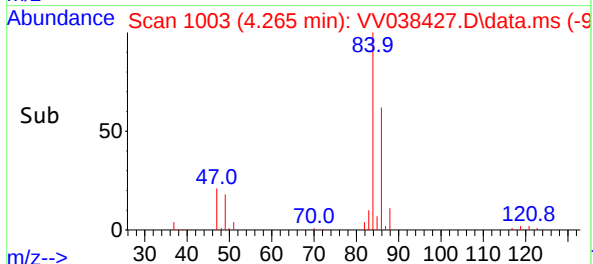
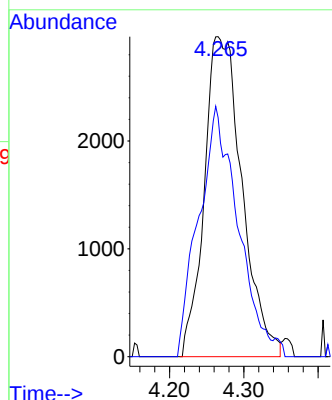
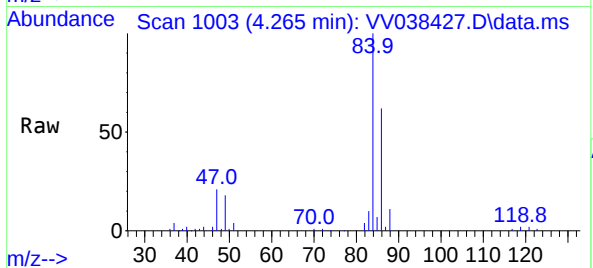




#25
Chloroform
Concen: 0.328 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

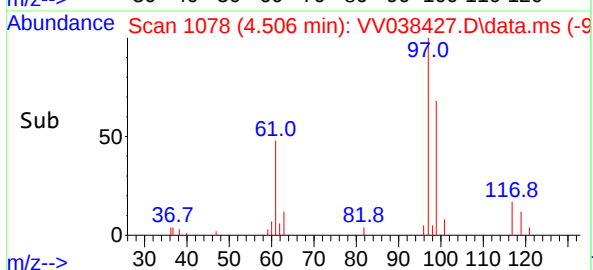
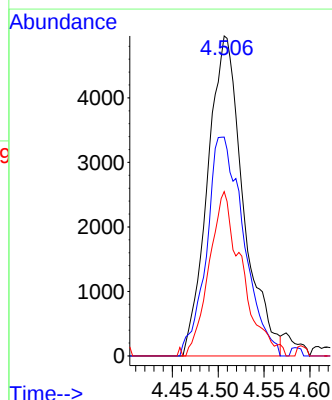
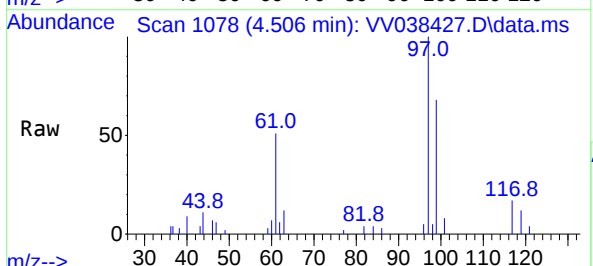
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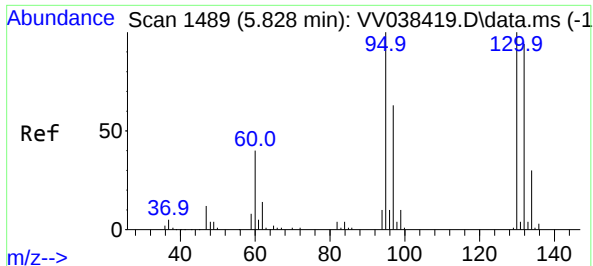
Tgt Ion: 83 Resp: 10470
Ion Ratio Lower Upper
83 100
85 74.7 46.5 86.3



#29
1,1,1-Trichloroethane
Concen: 0.459 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

Tgt Ion: 97 Resp: 13409
Ion Ratio Lower Upper
97 100
99 71.1 51.8 77.8
61 47.6 32.2 48.2





#34

Trichloroethene

Concen: 23.435 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.006 min

Lab File: VV038427.D

Acq: 05 Dec 2024 19:42

Instrument :

MSVOA_V

ClientSampleId :

BG450

Tgt Ion: 95 Resp: 436739

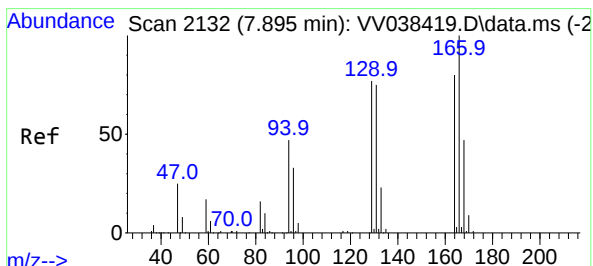
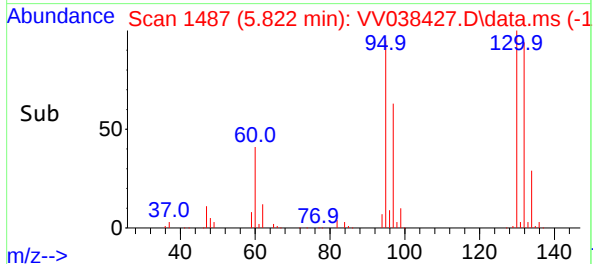
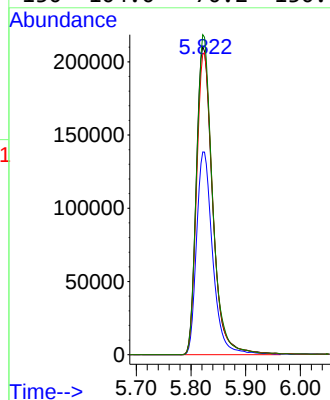
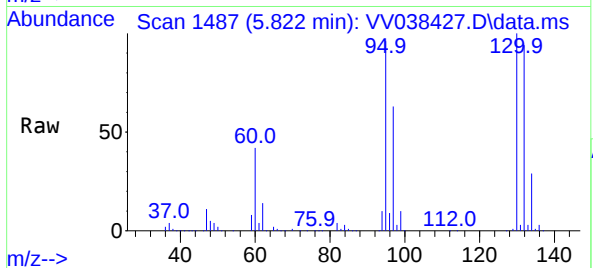
Ion Ratio Lower Upper

95 100

97 65.9 44.8 83.2

132 97.7 68.3 126.8

130 104.0 70.2 130.4



#47

Tetrachloroethene

Concen: 25.589 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038427.D

Acq: 05 Dec 2024 19:42

Tgt Ion:164 Resp: 383189

Ion Ratio Lower Upper

164 100

129 97.2 68.5 127.1

131 95.1 64.8 120.4

166 127.5 88.3 163.9

