

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037989.D
 Acq On : 08 Nov 2024 19:24
 Operator : SY/MD
 Sample : P4749-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GCP88

Quant Time: Nov 09 02:26:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 02:20:30 2024
 Response via : Initial Calibration

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

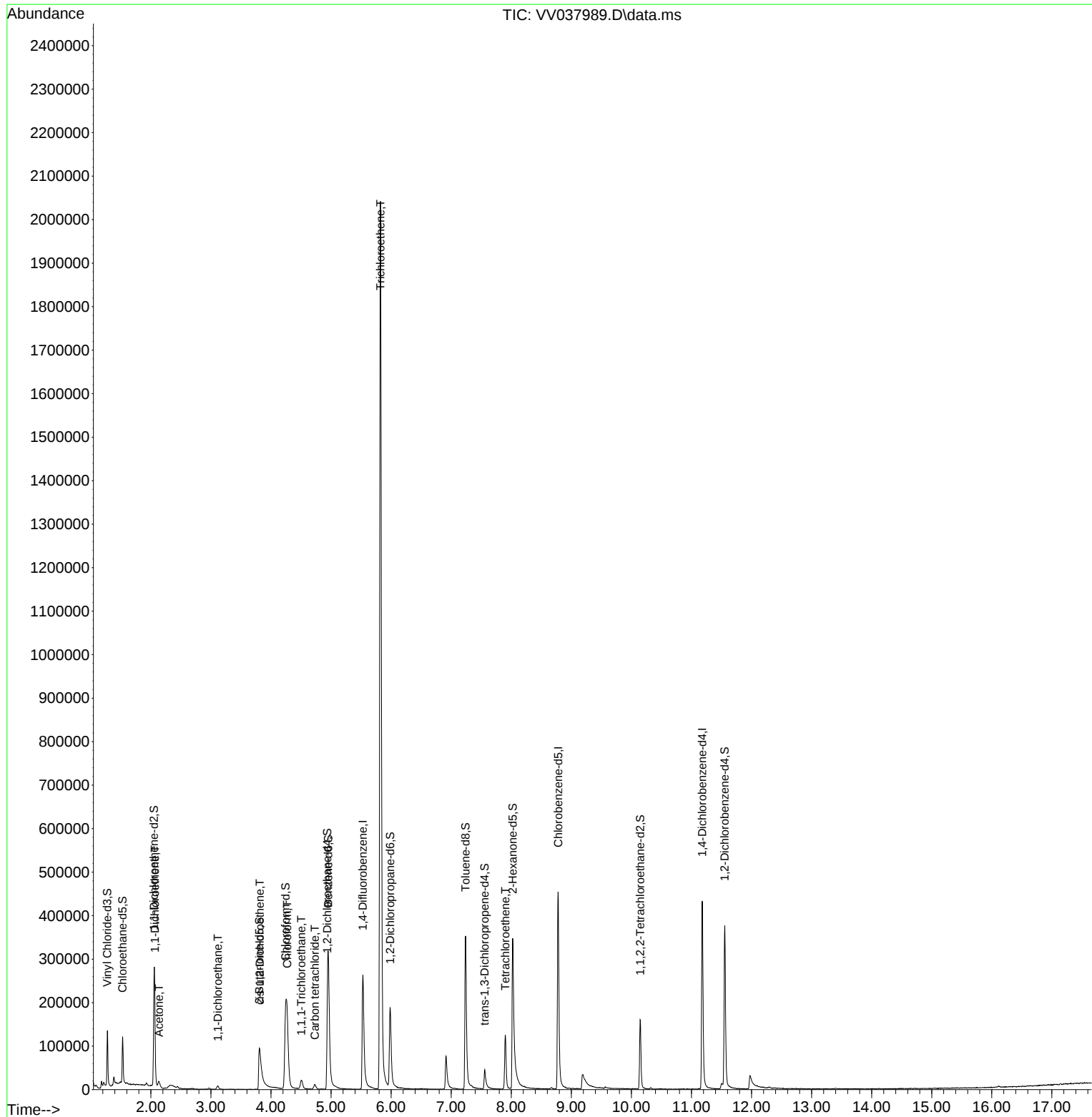
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	252330	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	272088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	125659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81851	4.238	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.529	69	69528	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.053	65	36709	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.806	46	168616	46.841	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.680%
24) Chloroform-d	4.243	84	170500	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.937	65	80112	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.953	84	306212	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	5.986	67	99192	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.239	98	262144	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.558	79	33567	4.236	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.024	63	148607	48.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82479	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	102972	4.968	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	30283	1.757	ug/L	# 55
13) Acetone	2.137	43	22435	8.780	ug/L	98
19) 1,1-Dichloroethane	3.114	63	9036	0.267	ug/L	97
22) cis-1,2-Dichloroethene	3.812	96	8941	0.456	ug/L	96
25) Chloroform	4.272	83	159113	4.478	ug/L	96
29) 1,1,1-Trichloroethane	4.507	97	16963	0.522	ug/L	98
31) Carbon tetrachloride	4.728	117	8479	0.297	ug/L	91
34) Trichloroethene	5.822	95	748086	36.132	ug/L	98
47) Tetrachloroethene	7.902	164	29436	1.829	ug/L	98

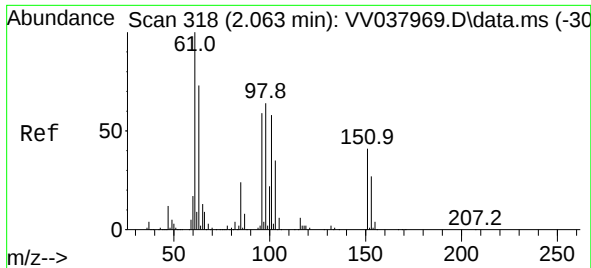
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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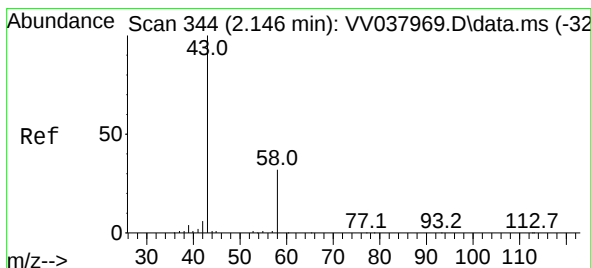
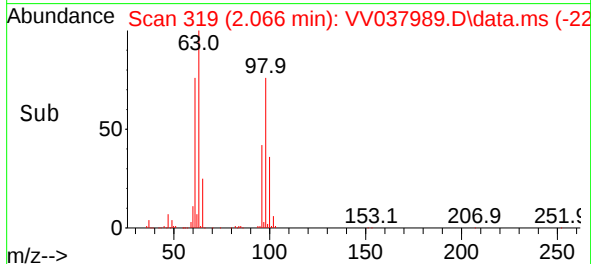
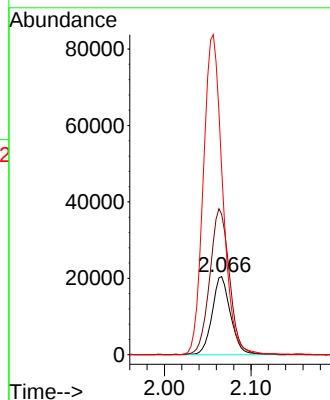
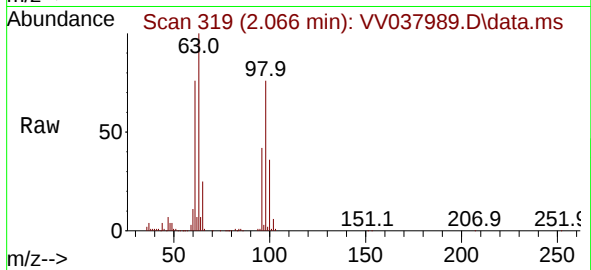




#12
1,1-Dichloroethene
Concen: 1.757 ug/L
RT: 2.066 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

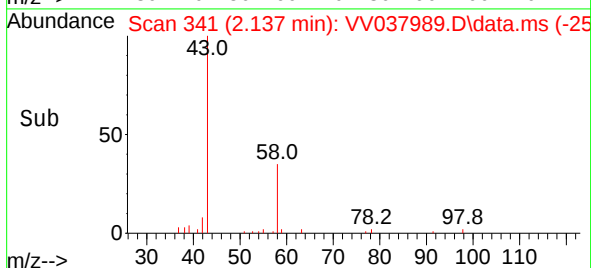
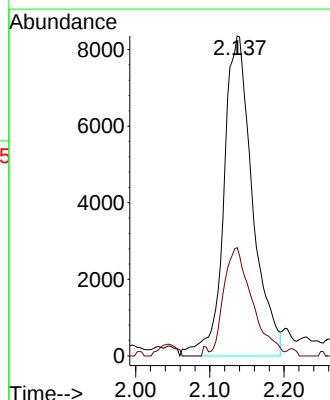
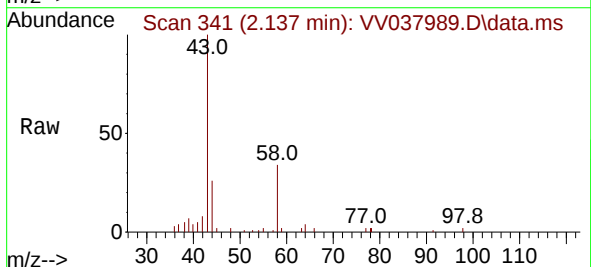
Instrument :
MSVOA_V
ClientSampleId :
GCP88

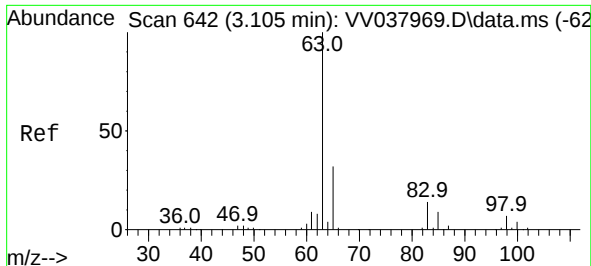
Tgt Ion: 96 Resp: 30283
Ion Ratio Lower Upper
96 100
61 180.0 117.4 218.0
63 238.3 91.7 170.3#



#13
Acetone
Concen: 8.780 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.010 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

Tgt Ion: 43 Resp: 22435
Ion Ratio Lower Upper
43 100
58 33.6 0.0 64.6

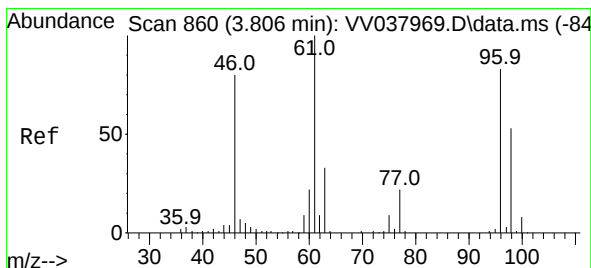
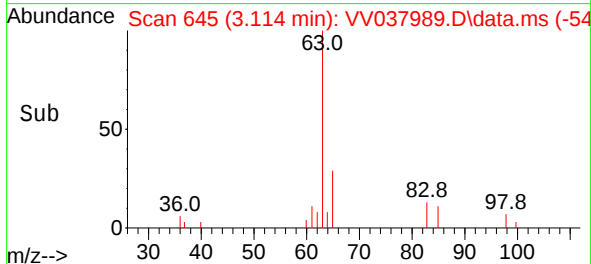
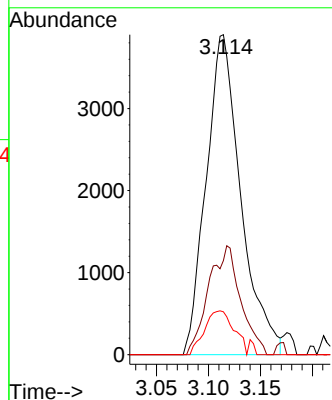
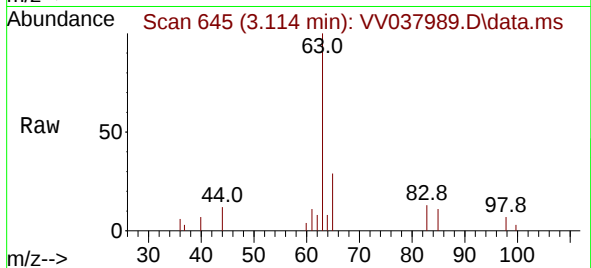




#19
1,1-Dichloroethane
Concen: 0.267 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

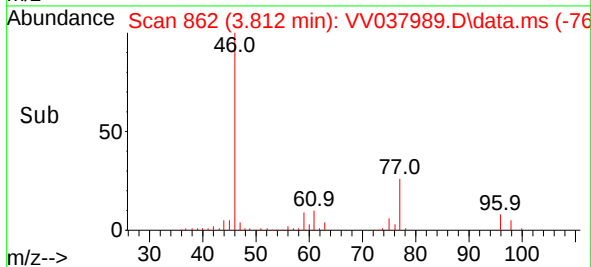
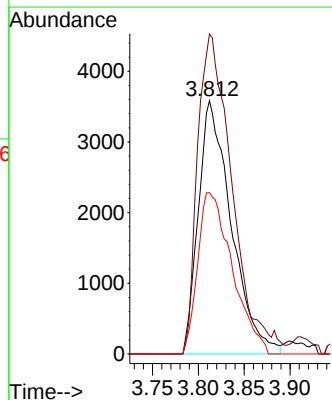
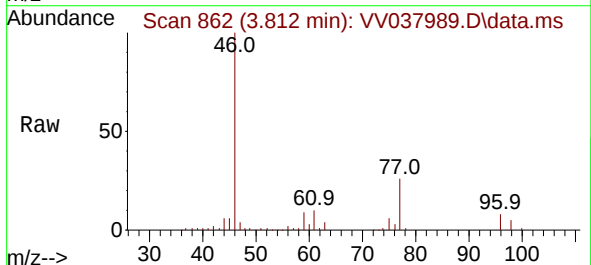
Instrument :
MSVOA_V
ClientSampleId :
GCP88

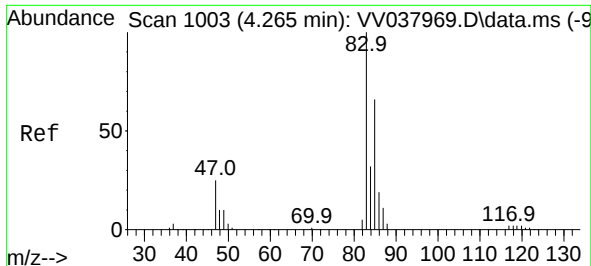
Tgt Ion: 63 Resp: 9036
Ion Ratio Lower Upper
63 100
65 29.4 22.3 41.3
83 13.4 9.5 17.7



#22
cis-1,2-Dichloroethene
Concen: 0.456 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

Tgt Ion: 96 Resp: 8941
Ion Ratio Lower Upper
96 100
61 126.3 83.4 154.8
98 63.7 44.6 82.8





#25

Chloroform

Concen: 4.478 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VV037989.D

Acq: 08 Nov 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

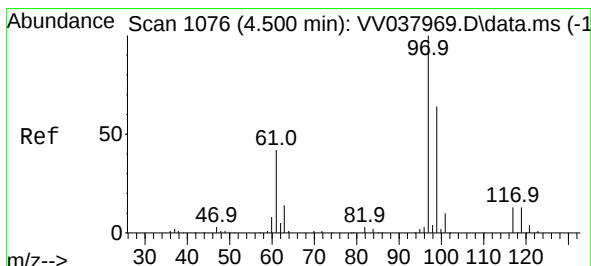
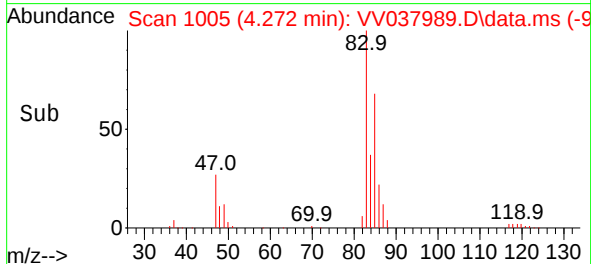
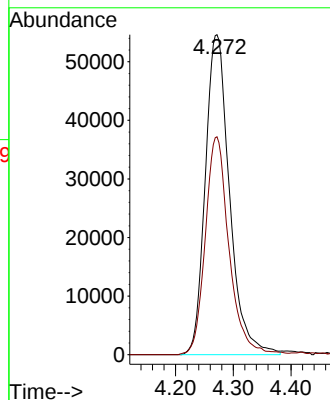
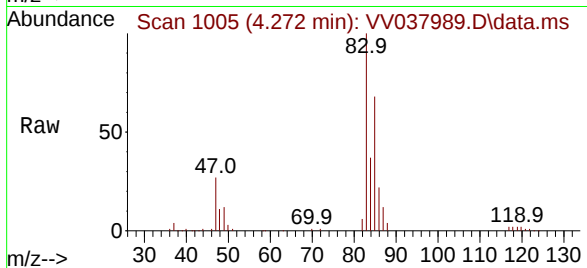
GCP88

Tgt Ion: 83 Resp: 159113

Ion Ratio Lower Upper

83 100

85 68.1 45.5 84.5



#29

1,1,1-Trichloroethane

Concen: 0.522 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VV037989.D

Acq: 08 Nov 2024 19:24

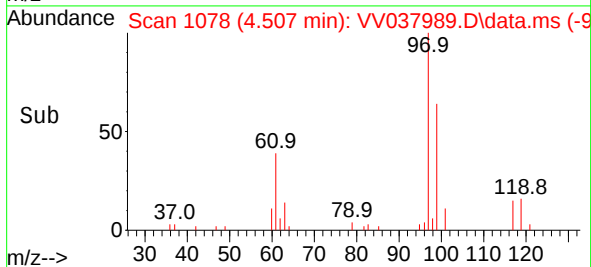
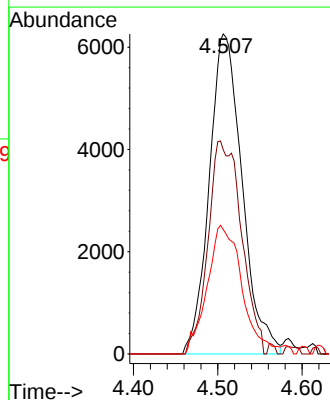
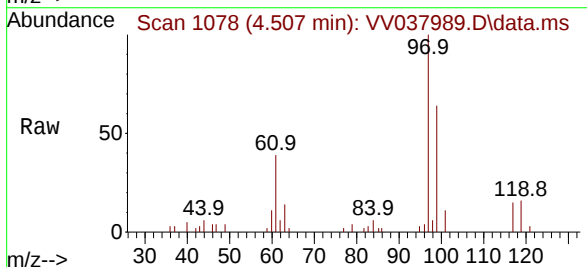
Tgt Ion: 97 Resp: 16963

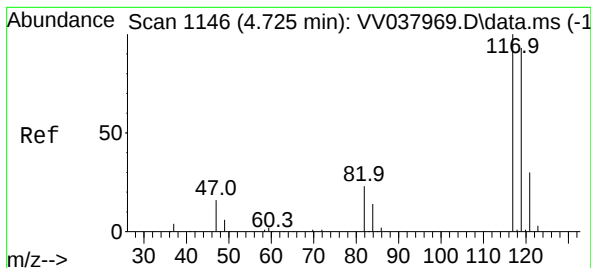
Ion Ratio Lower Upper

97 100

99 67.5 52.1 78.1

61 42.4 33.3 49.9





#31

Carbon tetrachloride

Concen: 0.297 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037989.D

Acq: 08 Nov 2024 19:24

Instrument :

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ClientSampleId :

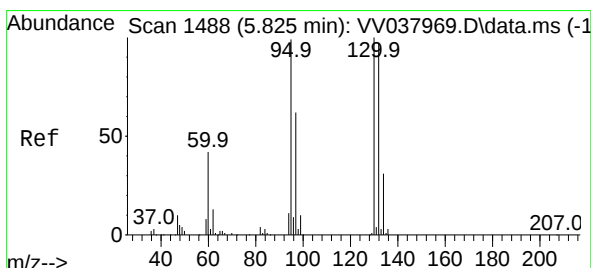
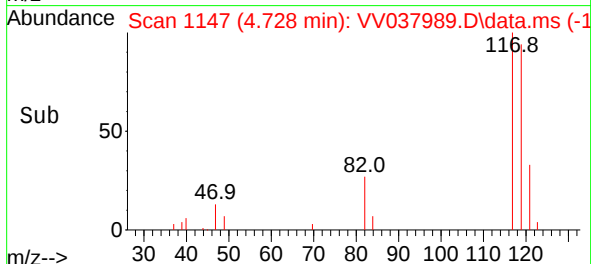
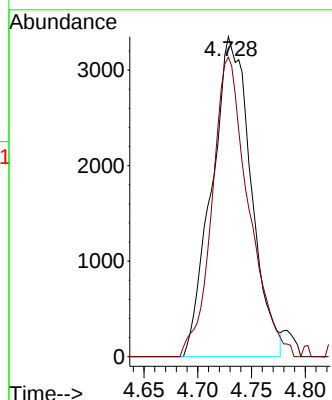
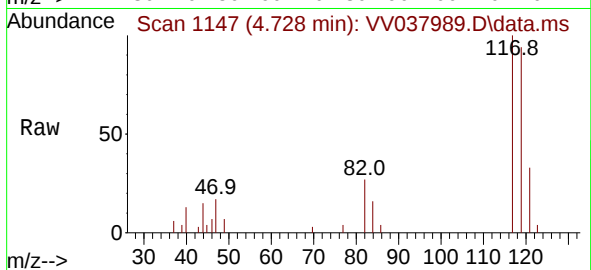
GCP88

Tgt Ion:117 Resp: 8479

Ion Ratio Lower Upper

117 100

119 87.3 77.2 115.8



#34

Trichloroethene

Concen: 36.132 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.003 min

Lab File: VV037989.D

Acq: 08 Nov 2024 19:24

Tgt Ion: 95 Resp: 748086

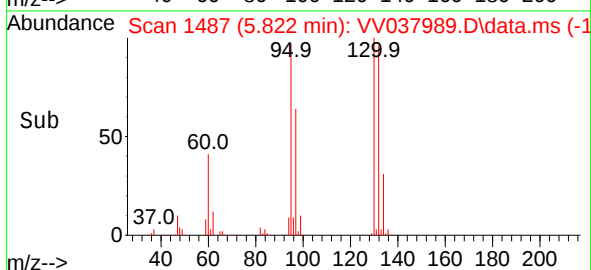
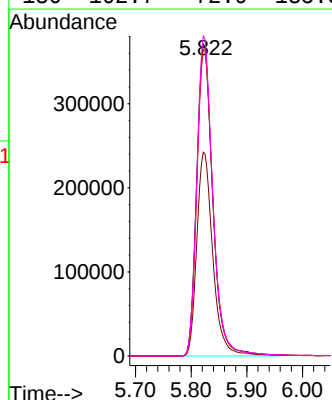
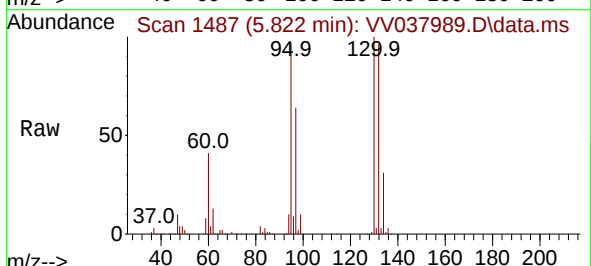
Ion Ratio Lower Upper

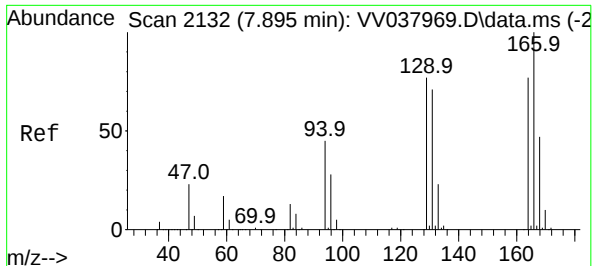
95 100

97 65.4 46.9 87.1

132 98.3 70.5 130.9

130 102.7 72.9 135.3





#47
Tetrachloroethene
Concen: 1.829 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
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Tgt Ion:164	Resp:	29436
Ion	Ratio	Lower Upper
164	100	
129	99.8	66.8 124.2
131	94.7	65.2 121.2
166	126.5	89.2 165.8

