

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037988.D
 Acq On : 08 Nov 2024 19:00
 Operator : SY/MD
 Sample : P4749-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GCP87

Quant Time: Nov 09 02:26:19 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)

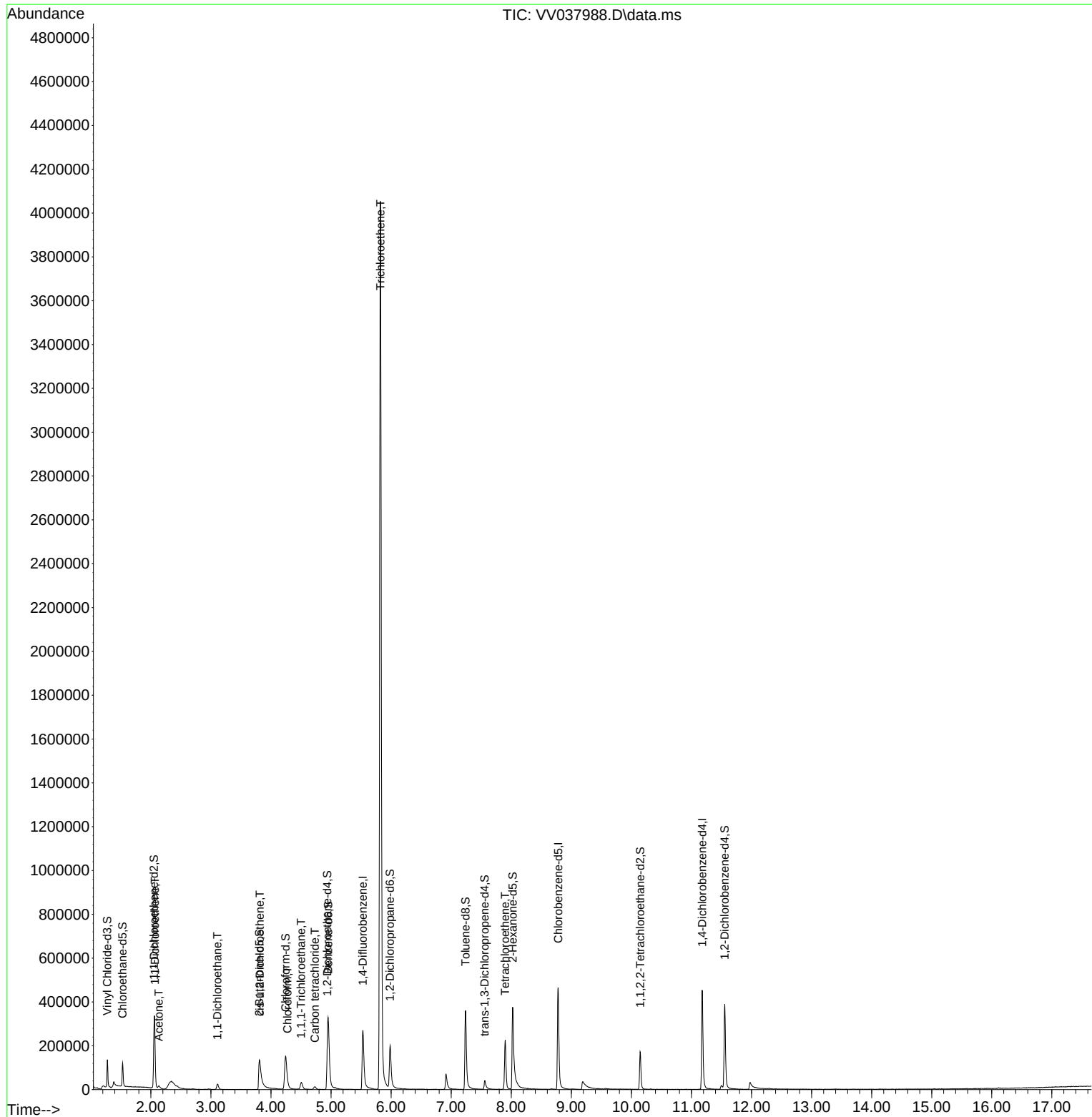
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	258835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	282844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	129785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83899	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.529	69	70978	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.053	65	36543	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.806	46	174973	47.385	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.780%
24) Chloroform-d	4.243	84	168532	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.937	65	83962	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.953	84	313504	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.982	67	103856	4.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.240	98	266379	4.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.558	79	31422	3.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.024	63	148967	46.541	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86606	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	108653	5.076	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	50071	2.832	ug/L	88
13) Acetone	2.134	43	19858	7.576	ug/L	92
19) 1,1-Dichloroethane	3.108	63	27005	0.778	ug/L	100
22) cis-1,2-Dichloroethene	3.812	96	30963	1.539	ug/L	98
25) Chloroform	4.275	83	18618	0.511	ug/L	94
29) 1,1,1-Trichloroethane	4.503	97	26808	0.793	ug/L	98
31) Carbon tetrachloride	4.732	117	10444	0.352	ug/L	97
34) Trichloroethene	5.822	95	1473407	68.458	ug/L	97
47) Tetrachloroethene	7.899	164	52271	3.124	ug/L	93

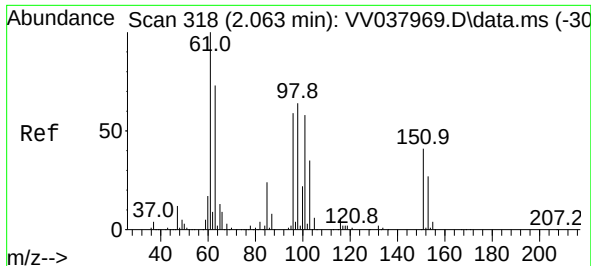
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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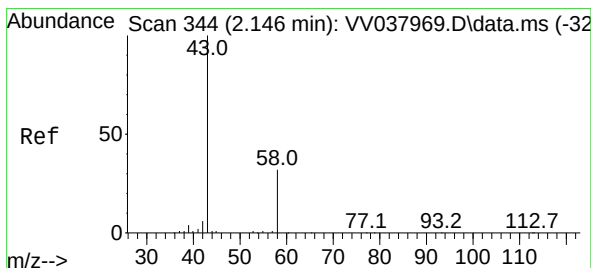
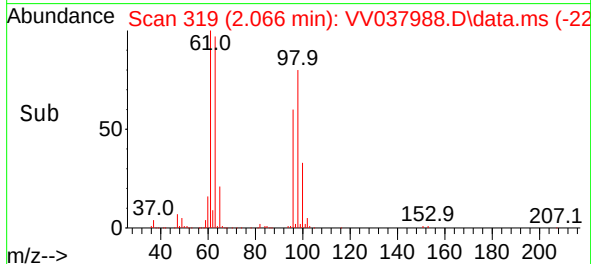
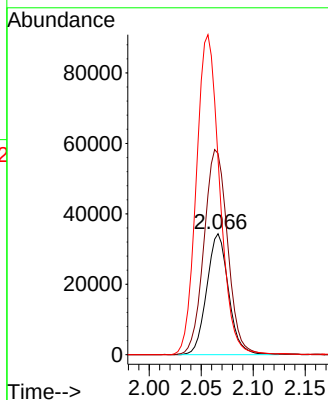
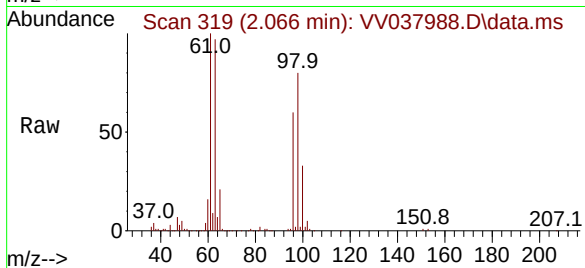




#12
1,1-Dichloroethene
Concen: 2.832 ug/L
RT: 2.066 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

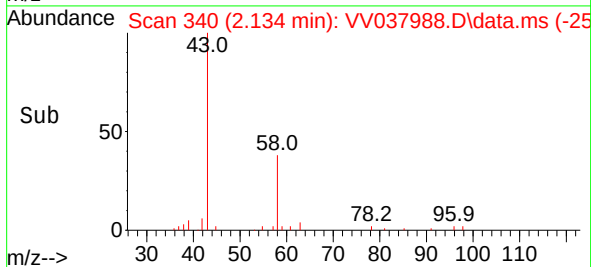
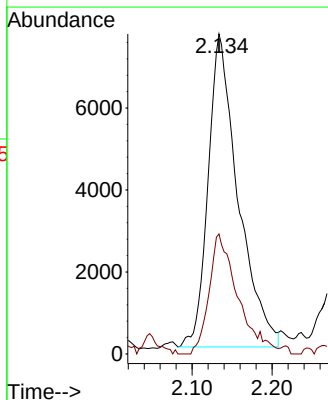
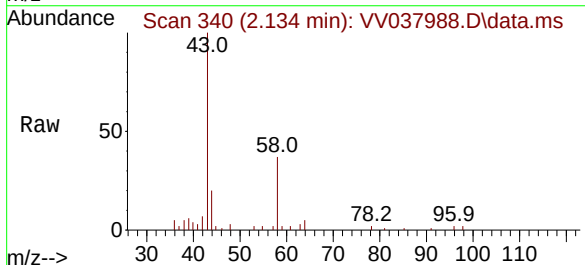
Instrument :
MSVOA_V
ClientSampleId :
GCP87

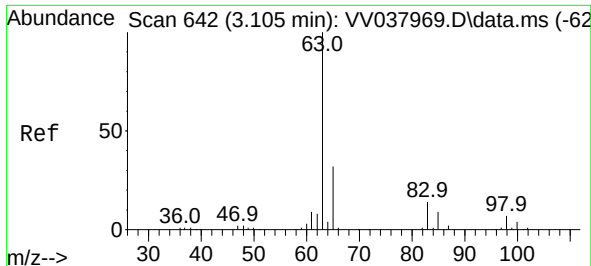
Tgt Ion: 96 Resp: 50071
Ion Ratio Lower Upper
96 100
61 166.3 117.4 218.0
63 161.8 91.7 170.3



#13
Acetone
Concen: 7.576 ug/L
RT: 2.134 min Scan# 340
Delta R.T. -0.013 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

Tgt Ion: 43 Resp: 19858
Ion Ratio Lower Upper
43 100
58 36.7 0.0 64.6

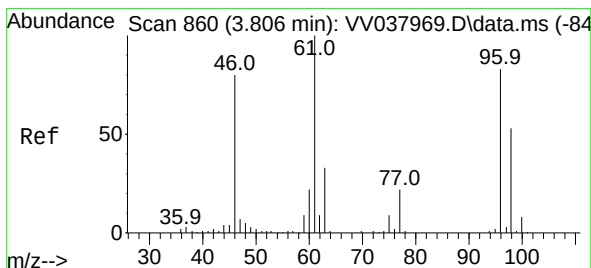
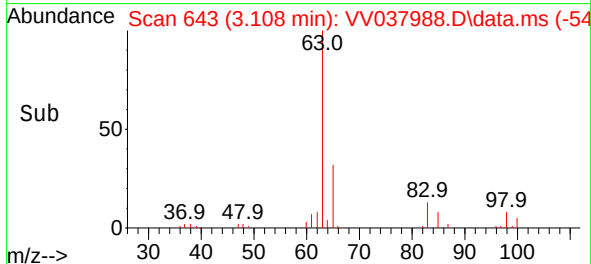
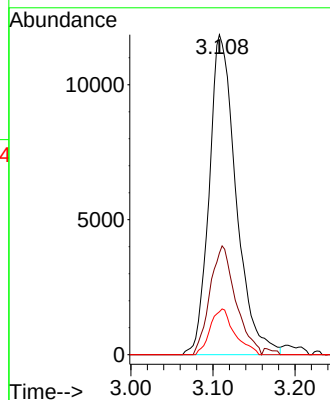
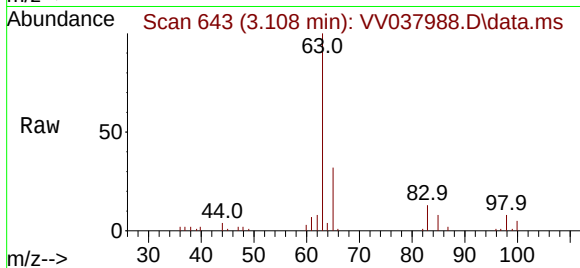




#19
1,1-Dichloroethane
Concen: 0.778 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

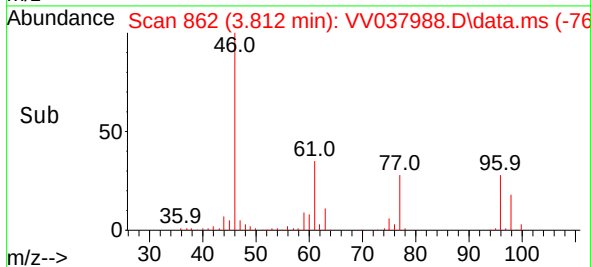
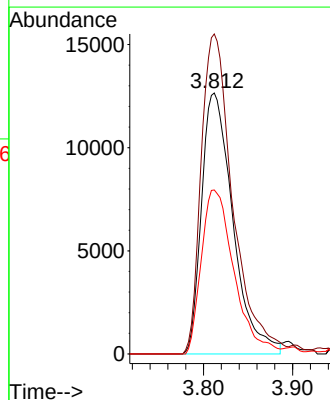
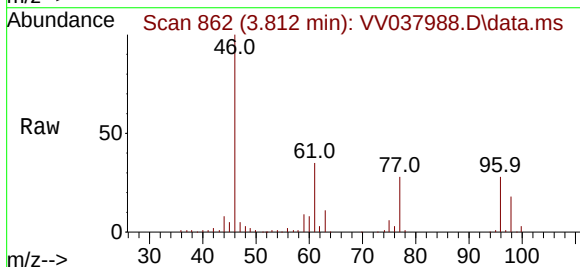
Instrument :
MSVOA_V
ClientSampleId :
GCP87

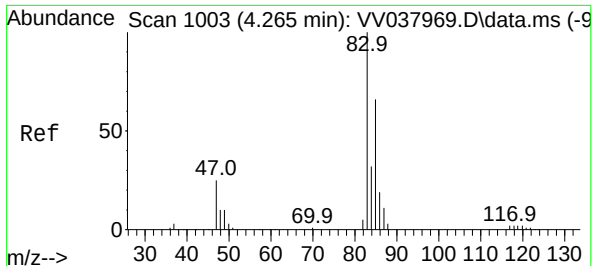
Tgt Ion:	63	Resp:	27005
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.3
83	13.4	9.5	17.7



#22
cis-1,2-Dichloroethene
Concen: 1.539 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

Tgt Ion:	96	Resp:	30963
Ion	Ratio	Lower	Upper
96	100		
61	122.6	83.4	154.8
98	62.8	44.6	82.8

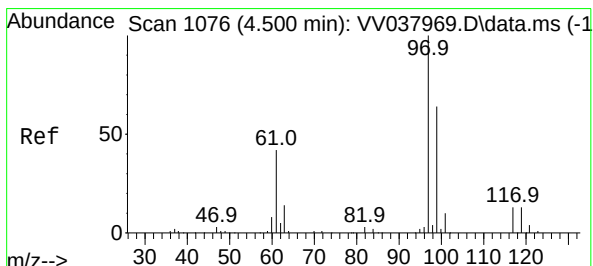
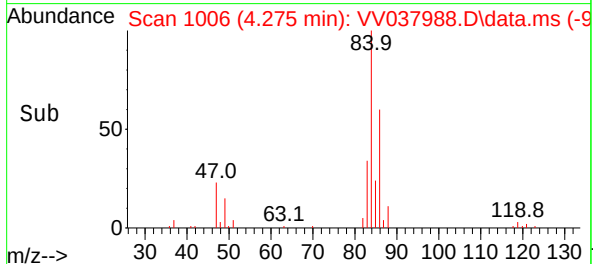
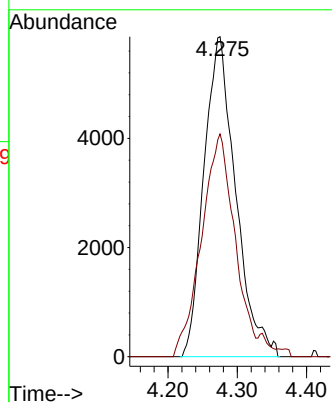
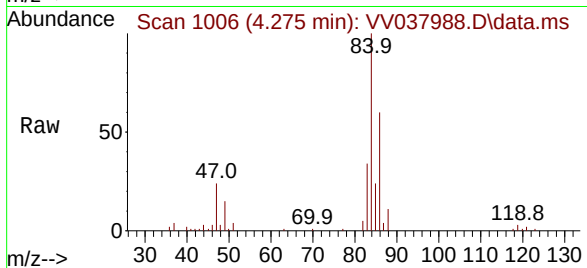




#25
Chloroform
Concen: 0.511 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

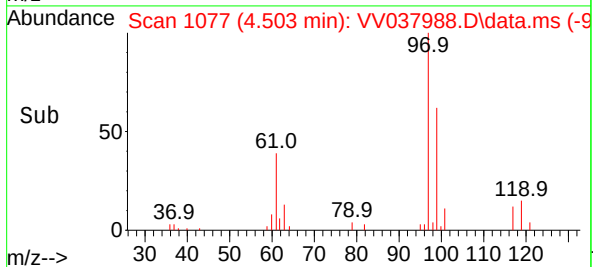
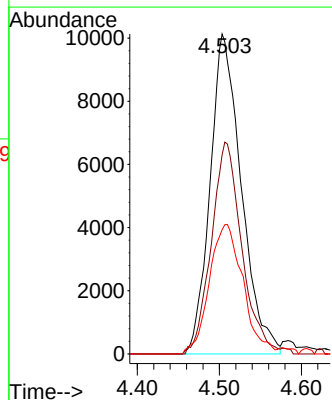
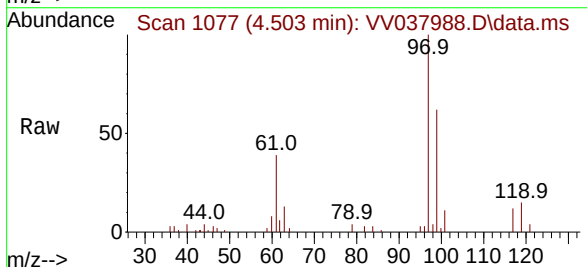
Instrument :
MSVOA_V
ClientSampleId :
GCP87

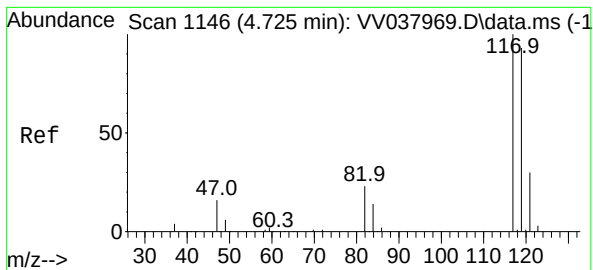
Tgt Ion: 83 Resp: 18618
Ion Ratio Lower Upper
83 100
85 69.6 45.5 84.5



#29
1,1,1-Trichloroethane
Concen: 0.793 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

Tgt Ion: 97 Resp: 26808
Ion Ratio Lower Upper
97 100
99 64.3 52.1 78.1
61 43.3 33.3 49.9





#31

Carbon tetrachloride

Concen: 0.352 ug/L

RT: 4.732 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VV037988.D

Acq: 08 Nov 2024 19:00

Instrument :

MSVOA_V

ClientSampleId :

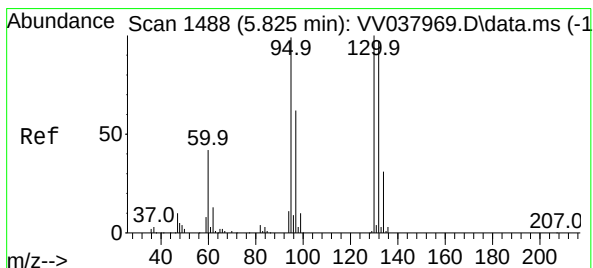
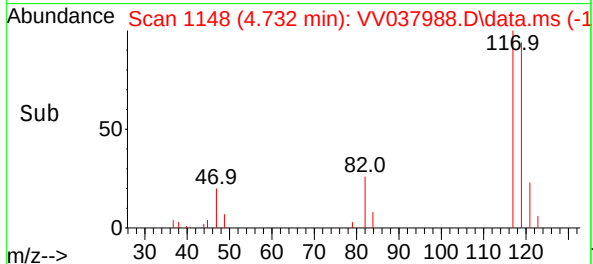
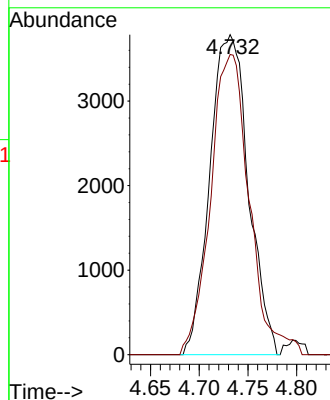
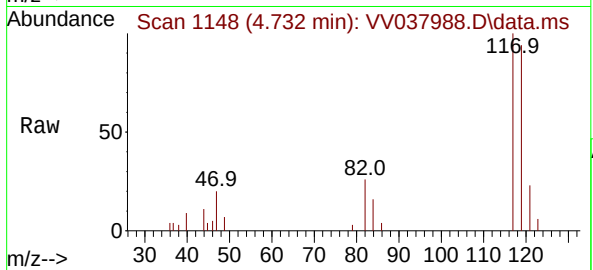
GCP87

Tgt Ion:117 Resp: 10444

Ion Ratio Lower Upper

117 100

119 93.9 77.2 115.8



#34

Trichloroethene

Concen: 68.458 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.003 min

Lab File: VV037988.D

Acq: 08 Nov 2024 19:00

Tgt Ion: 95 Resp: 1473407

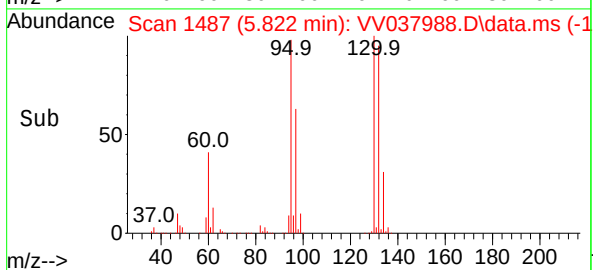
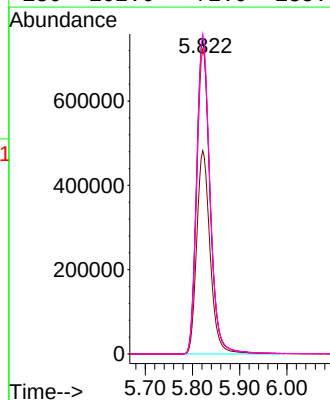
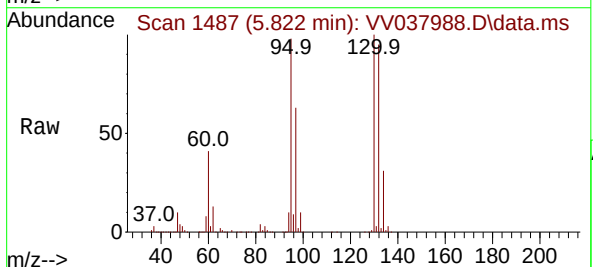
Ion Ratio Lower Upper

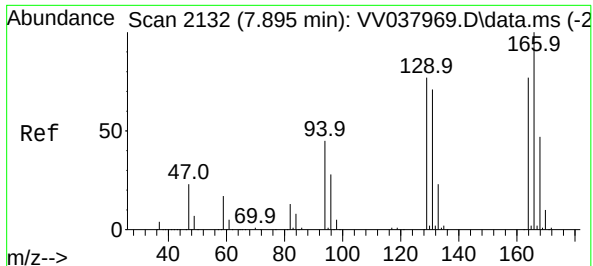
95 100

97 64.8 46.9 87.1

132 97.1 70.5 130.9

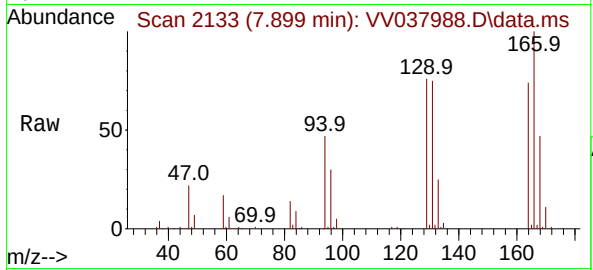
130 102.0 72.9 135.3





#47
Tetrachloroethene
Concen: 3.124 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

Instrument :
MSVOA_V
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Tgt Ion:	164	Resp:	52271
Ion	Ratio	Lower	Upper
164	100		
129	101.8	66.8	124.2
131	100.8	65.2	121.2
166	134.3	89.2	165.8

