

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038277.D
 Acq On : 22 Nov 2024 18:18
 Operator : SY/MD
 Sample : P4884-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P5

Quant Time: Nov 23 00:05:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

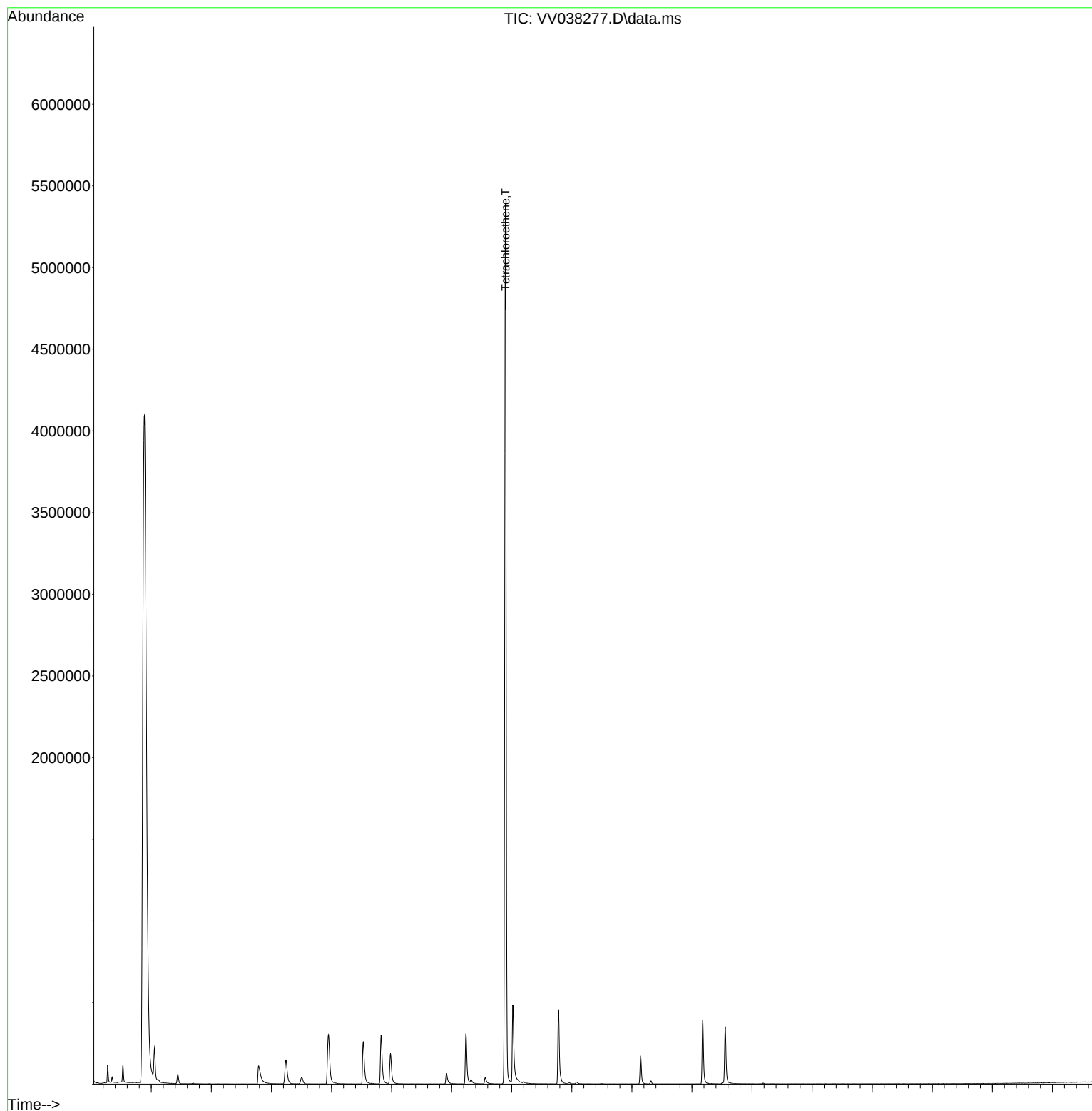
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	252280	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	276673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	111913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68583	3.547	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.529	69	68500	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.053	65	29523	3.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.786	46	198670	51.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.720%
24) Chloroform-d	4.243	84	166585	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.937	65	86140	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.953	84	289501	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	97832	4.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.236	98	228650	3.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	7.558	79	29638	3.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.018	63	181546	57.090	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.180%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88194	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	94649	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4954	0.262	ug/L #	81
16) Methylene chloride	2.442	84	25043	1.219	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	6846	0.349	ug/L	93
25) Chloroform	4.269	83	8792	0.239	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	35060	1.057	ug/L	98
31) Carbon tetrachloride	4.503	117	4541	0.155	ug/L	93
34) Trichloroethene	5.828	95	114605	5.410	ug/L	98
42) Toluene	7.323	91	22586	0.274	ug/L	95
47) Tetrachloroethene	7.895	164	1191295	69.979	ug/L	99
51) Chlorobenzene	8.815	112	13914	0.245	ug/L	91
67) 1,2-Dichlorobenzene	11.574	146	5021	0.157	ug/L	95

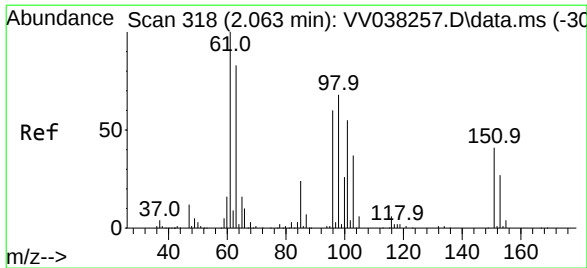
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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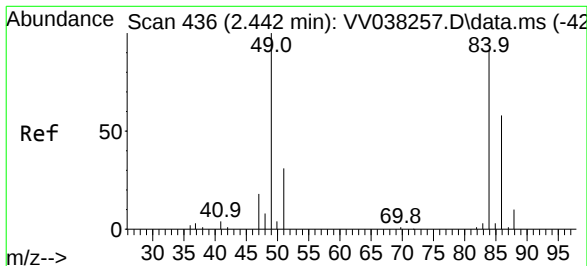
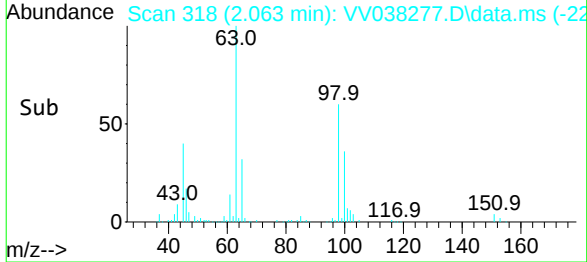
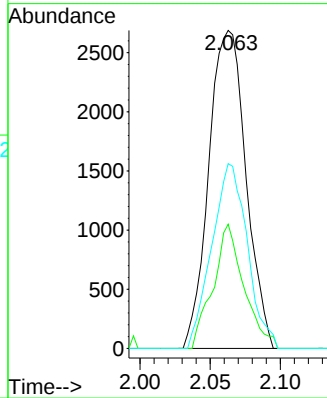
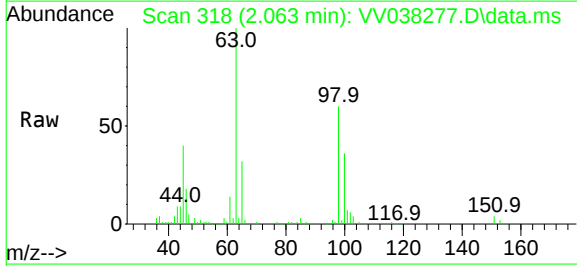




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.262 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

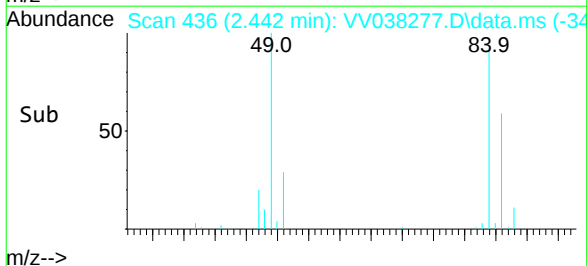
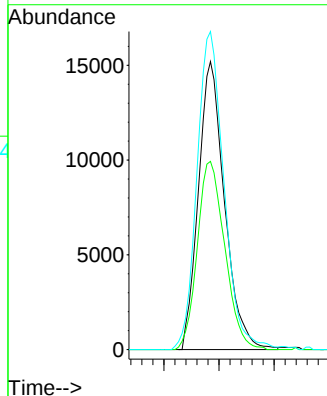
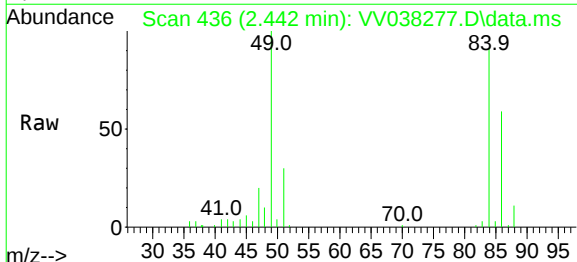
Instrument :
MSVOA_V
ClientSampleId :
BG3P5

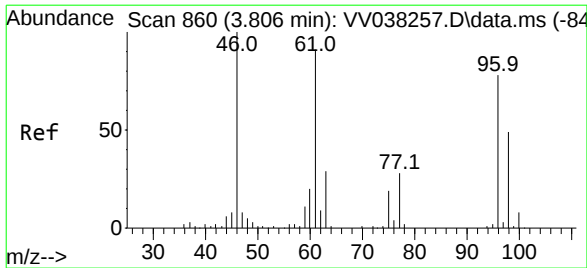
Tgt Ion:101 Resp: 4954
Ion Ratio Lower Upper
101 100
85 32.5 33.4 50.0#
151 55.5 58.8 88.2#



#16
Methylene chloride
Concen: 1.219 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Tgt Ion: 84 Resp: 25043
Ion Ratio Lower Upper
84 100
86 65.3 44.2 82.2
49 110.4 74.9 139.1

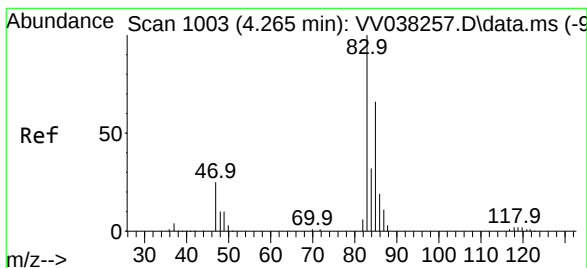
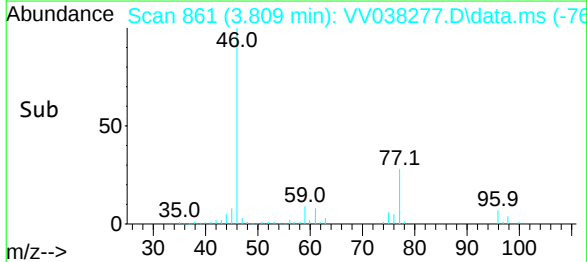
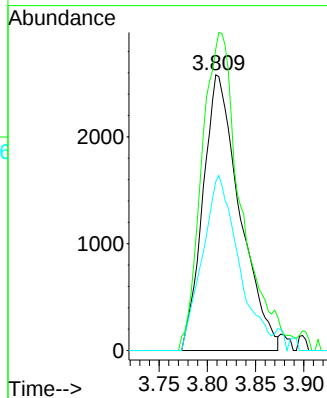
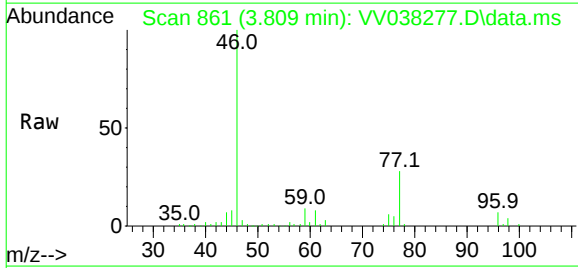




#22
 cis-1,2-Dichloroethene
 Concen: 0.349 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038277.D
 Acq: 22 Nov 2024 18:18

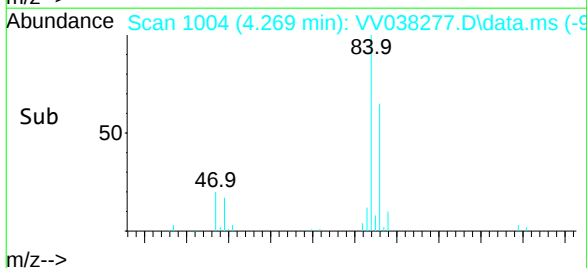
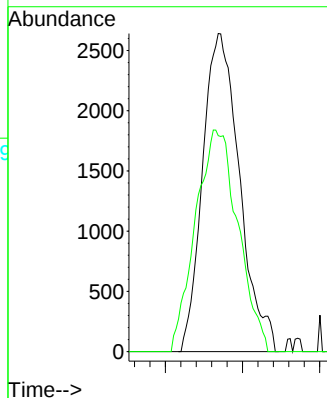
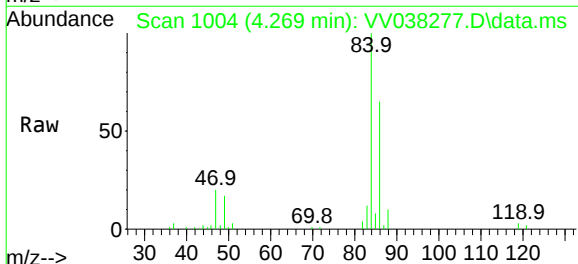
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P5

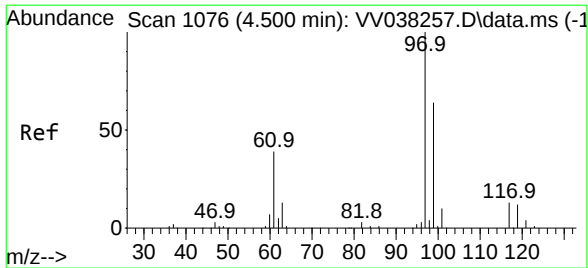
Tgt Ion:	96	Resp:	6846
Ion	Ratio	Lower	Upper
96	100		
61	109.4	82.7	153.5
98	61.3	46.3	85.9



#25
 Chloroform
 Concen: 0.239 ug/L
 RT: 4.269 min Scan# 1004
 Delta R.T. 0.003 min
 Lab File: VV038277.D
 Acq: 22 Nov 2024 18:18

Tgt Ion:	83	Resp:	8792
Ion	Ratio	Lower	Upper
83	100		
85	67.9	46.5	86.3

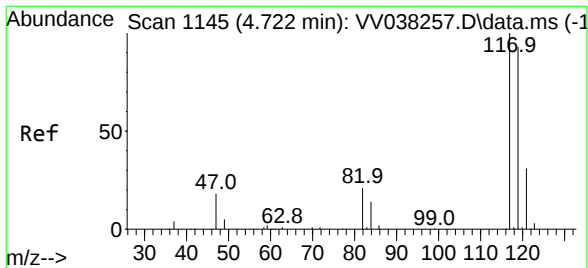
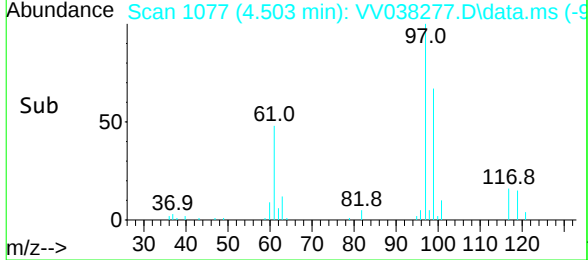
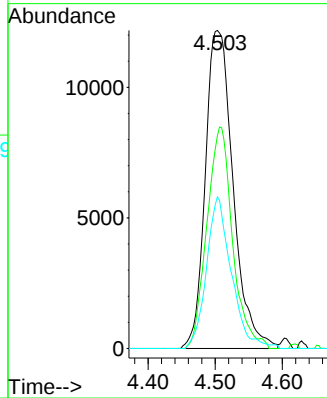
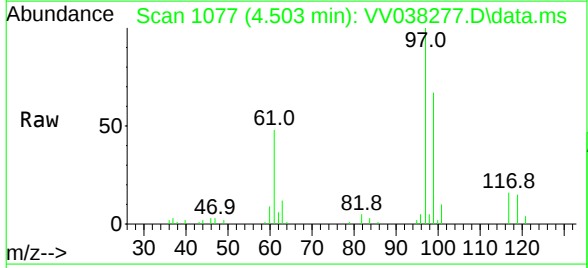




#29
1,1,1-Trichloroethane
Concen: 1.057 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

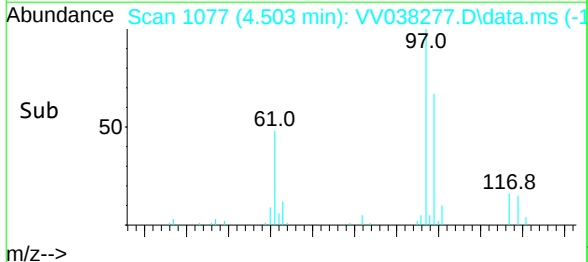
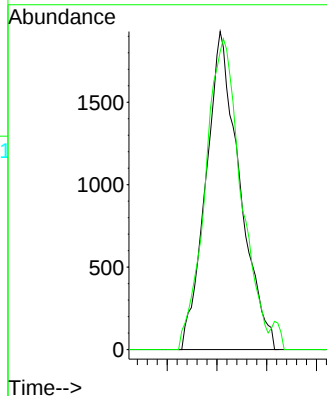
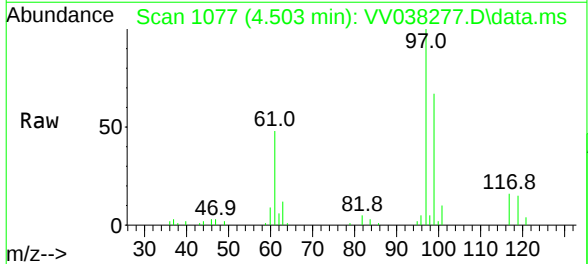
Instrument :
MSVOA_V
ClientSampleId :
BG3P5

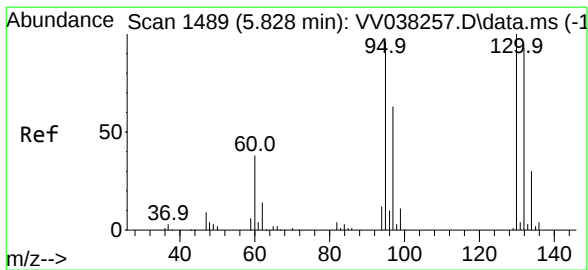
Tgt Ion:	97	Resp:	35060
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	42.4	32.2	48.2



#31
Carbon tetrachloride
Concen: 0.155 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.219 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Tgt Ion:	117	Resp:	4541
Ion	Ratio	Lower	Upper
117	100		
119	103.4	77.4	116.2





#34

Trichloroethene

Concen: 5.410 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV038277.D

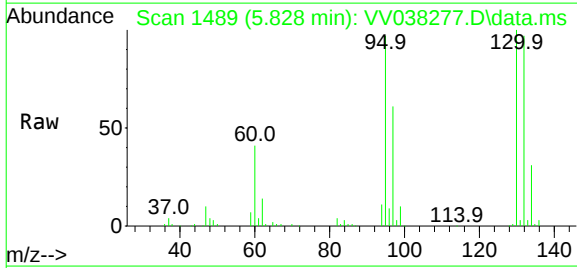
Acq: 22 Nov 2024 18:18

Instrument :

MSVOA_V

ClientSampleId :

BG3P5



Tgt Ion: 95 Resp: 114605

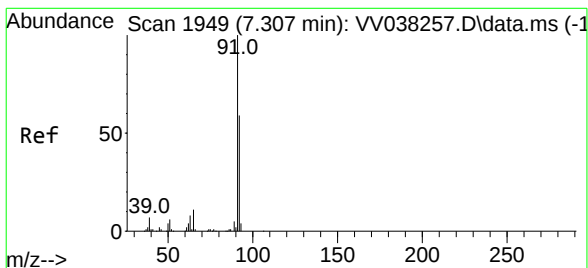
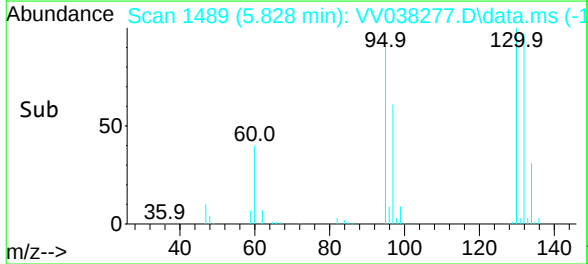
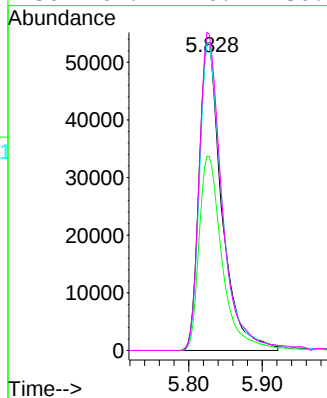
Ion Ratio Lower Upper

95 100

97 63.0 44.8 83.2

132 99.9 68.3 126.8

130 102.7 70.2 130.4



#42

Toluene

Concen: 0.274 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038277.D

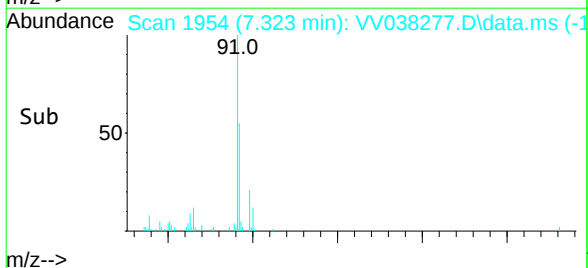
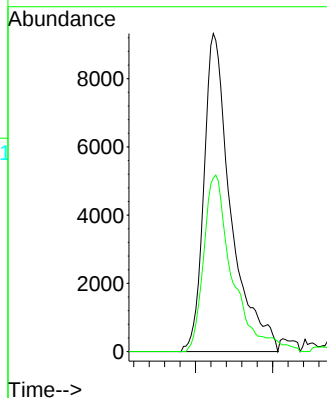
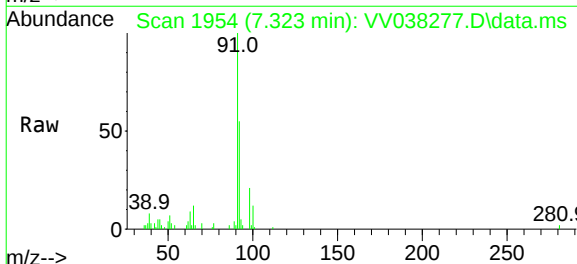
Acq: 22 Nov 2024 18:18

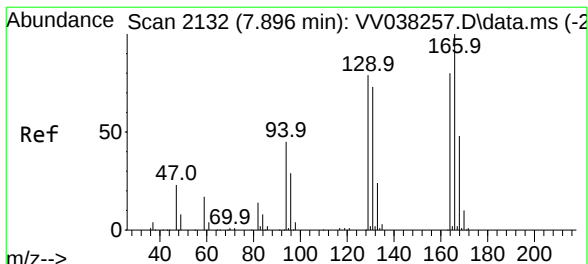
Tgt Ion: 91 Resp: 22586

Ion Ratio Lower Upper

91 100

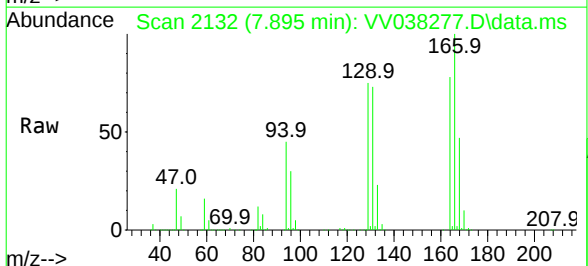
92 54.6 40.8 75.8





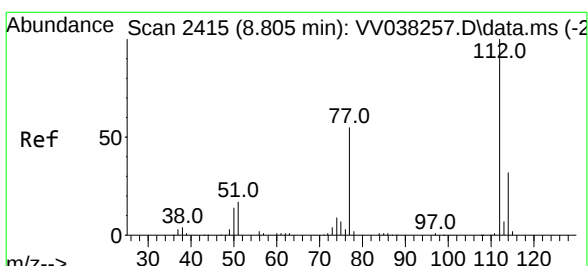
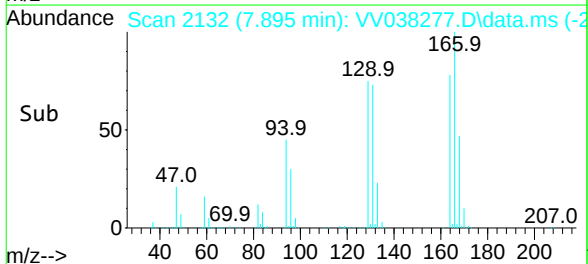
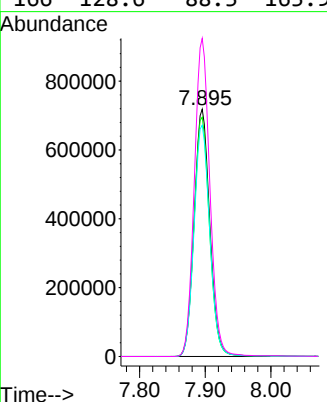
#47
Tetrachloroethene
 Concen: 69.979 ug/L
 RT: 7.895 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VV038277.D
 Acq: 22 Nov 2024 18:18

Instrument :
 MSVOA_V
ClientSampleId :
 BG3P5



Tgt Ion:164 Resp: 1191295

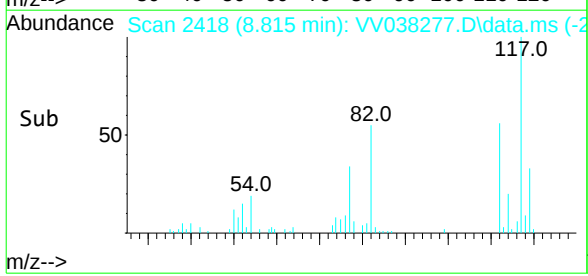
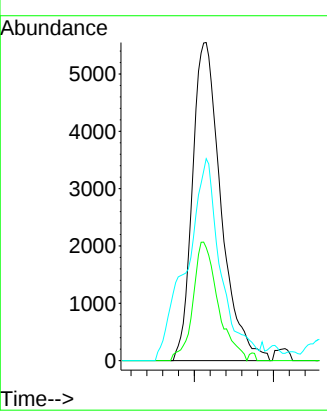
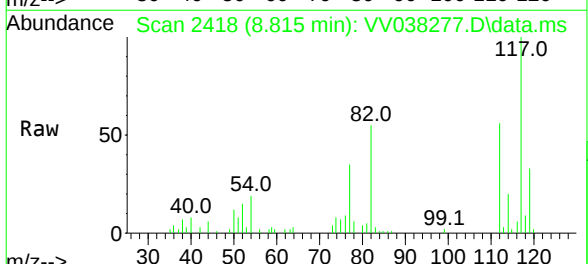
Ion	Ratio	Lower	Upper
164	100		
129	96.8	68.5	127.1
131	93.5	64.8	120.4
166	128.6	88.3	163.9

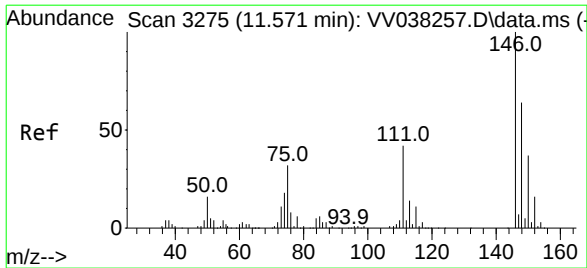


#51
Chlorobenzene
 Concen: 0.245 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.010 min
 Lab File: VV038277.D
 Acq: 22 Nov 2024 18:18

Tgt Ion:112 Resp: 13914

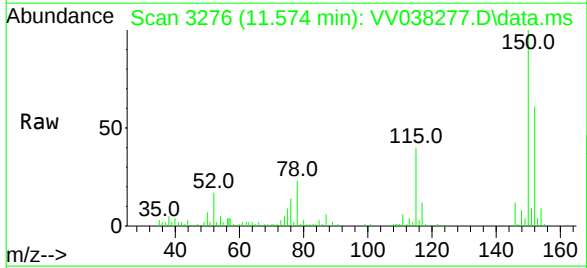
Ion	Ratio	Lower	Upper
112	100		
114	35.5	22.0	40.8
77	63.5	45.0	67.4





#67
 1,2-Dichlorobenzene
 Concen: 0.157 ug/L
 RT: 11.574 min Scan# 32
 Delta R.T. 0.003 min
 Lab File: VV038277.D
 Acq: 22 Nov 2024 18:18

Instrument :
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Tgt Ion:	146	Resp:	5021
Ion	Ratio	Lower	Upper
146	100		
111	46.9	34.2	51.2
148	67.1	51.0	76.4

