

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038264.D
 Acq On : 22 Nov 2024 12:08
 Operator : SY/MD
 Sample : P4883-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K4

Quant Time: Nov 23 00:00:17 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)

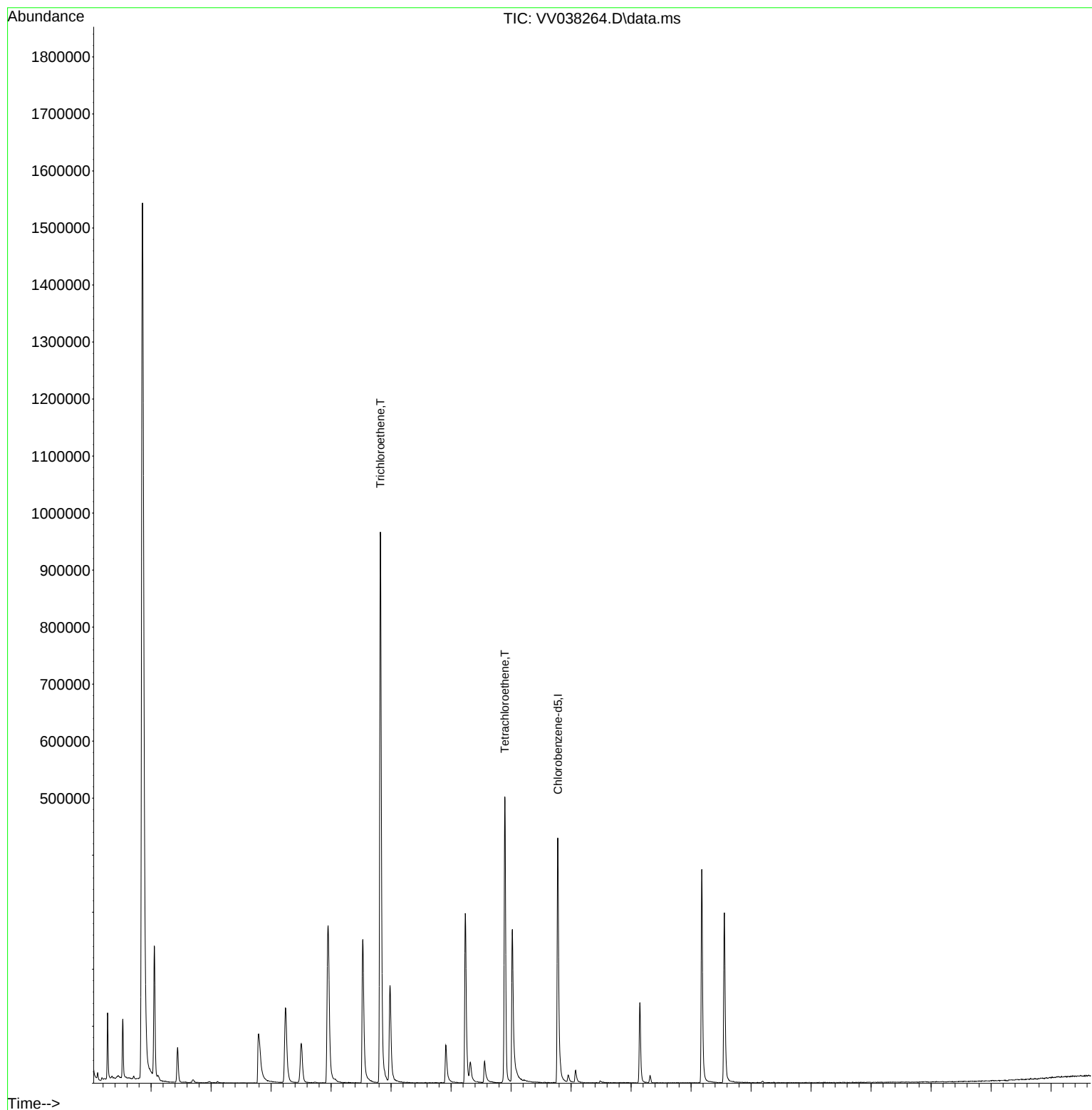
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242020	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	258426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	108140	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	76126	4.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.529	69	67330	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.053	65	35475	4.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.789	46	138015	37.191	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.380%
24) Chloroform-d	4.243	84	150446	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	4.937	65	70246	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	4.953	84	267530	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.982	67	86815	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.236	98	224121	3.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	7.558	79	27706	3.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.021	63	103450	34.828	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	72003	4.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	85622	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds	Qvalue					
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9945	0.548	ug/L	93
16) Methylene chloride	2.442	84	27019	1.371	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	14232	0.756	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	60448	1.950	ug/L	100
34) Trichloroethene	5.822	95	357627	18.073	ug/L	98
42) Toluene	7.320	91	30582	0.398	ug/L	98
47) Tetrachloroethene	7.895	164	117079	7.363	ug/L	97
51) Chlorobenzene	8.815	112	16382	0.309	ug/L	96
52) Ethylbenzene	8.956	91	11189	0.137	ug/L	97
53) m,p-Xylene	9.079	106	6144	0.200	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	7988	0.258	ug/L	98

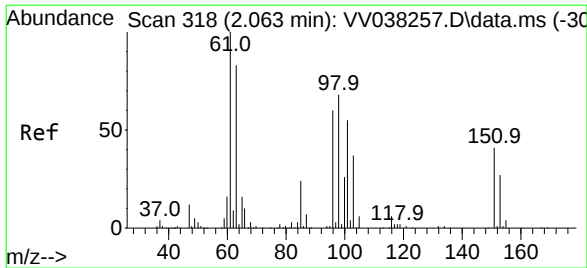
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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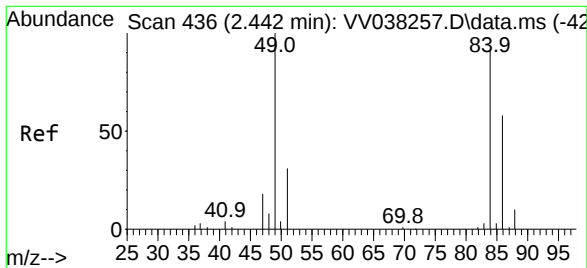
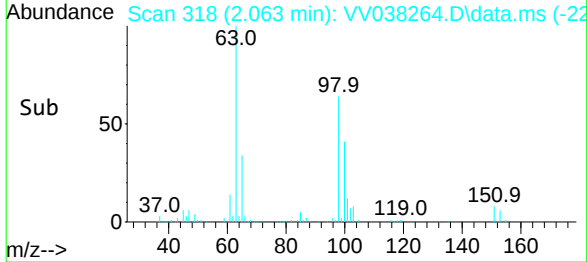
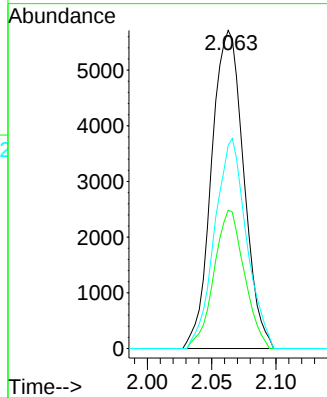
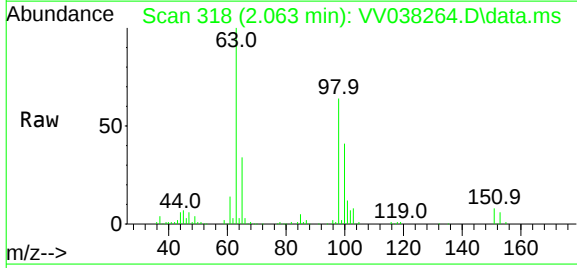




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.548 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

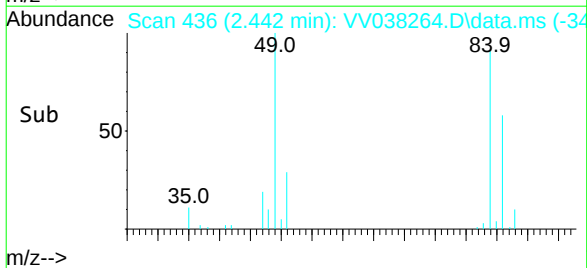
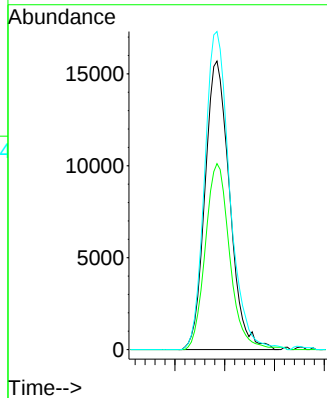
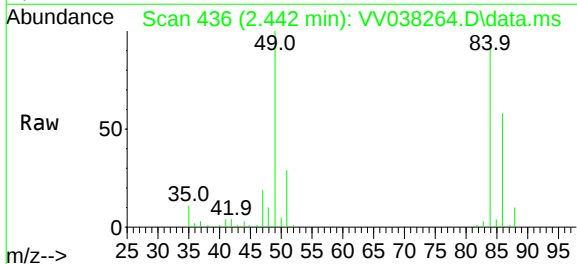
Instrument :
MSVOA_V
ClientSampleId :
BG3K4

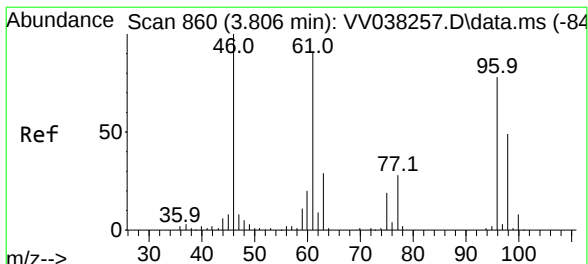
Tgt Ion:	101	Resp:	9945
Ion	Ratio	Lower	Upper
101	100		
85	41.0	33.4	50.0
151	65.3	58.8	88.2



#16
Methylene chloride
Concen: 1.371 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

Tgt Ion:	84	Resp:	27019
Ion	Ratio	Lower	Upper
84	100		
86	64.5	44.2	82.2
49	110.2	74.9	139.1

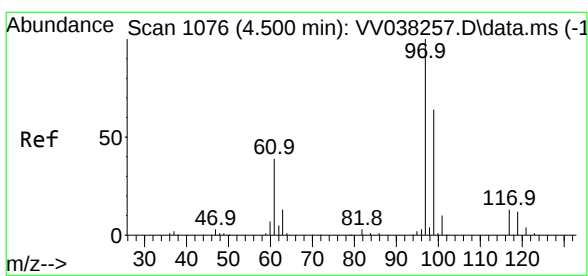
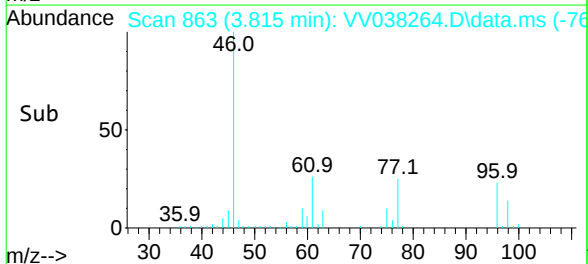
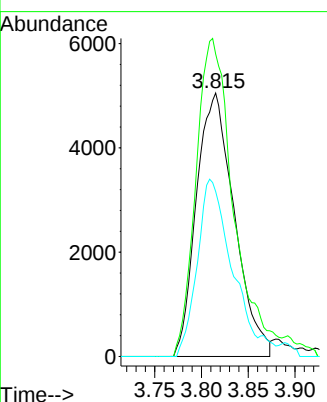
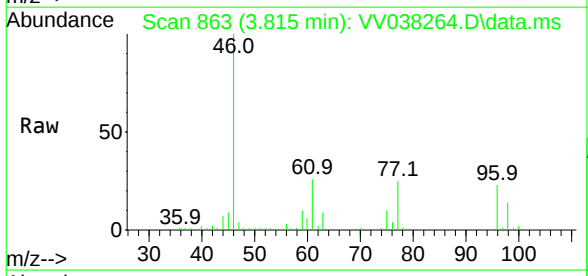




#22
 cis-1,2-Dichloroethene
 Concen: 0.756 ug/L
 RT: 3.815 min Scan# 860
 Delta R.T. 0.010 min
 Lab File: VV038264.D
 Acq: 22 Nov 2024 12:08

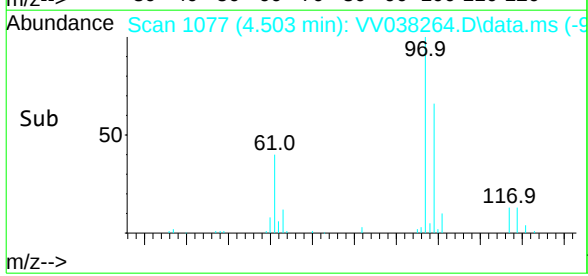
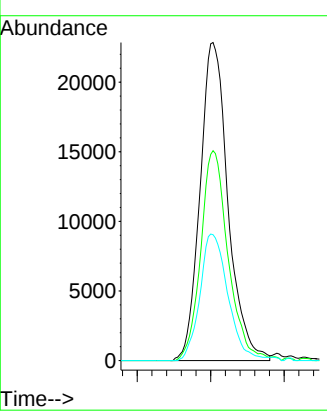
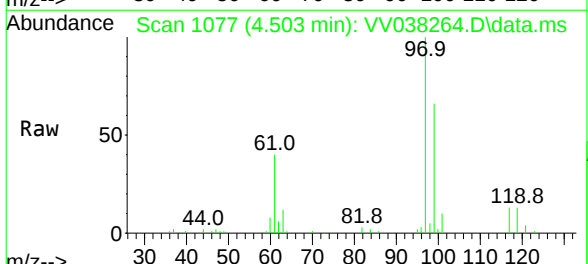
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K4

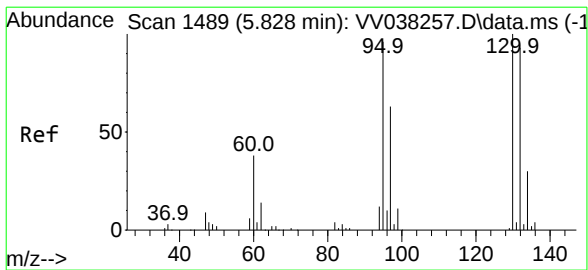
Tgt Ion:	96	Resp:	14232
Ion	Ratio	Lower	Upper
96	100		
61	114.8	82.7	153.5
98	62.6	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 1.950 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.003 min
 Lab File: VV038264.D
 Acq: 22 Nov 2024 12:08

Tgt Ion:	97	Resp:	60448
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	40.1	32.2	48.2





#34

Trichloroethene

Concen: 18.073 ug/L

RT: 5.822 min Scan# 14

Delta R.T. -0.007 min

Lab File: VV038264.D

Acq: 22 Nov 2024 12:08

Instrument :

MSVOA_V

ClientSampleId :

BG3K4

Tgt Ion: 95 Resp: 357627

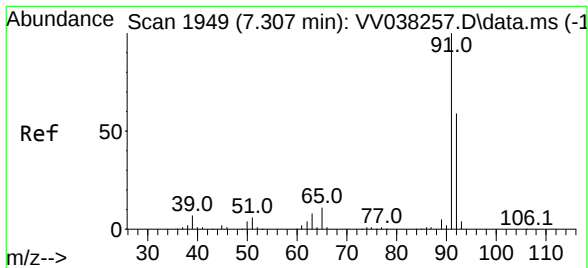
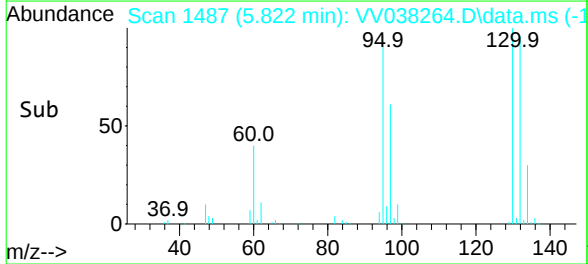
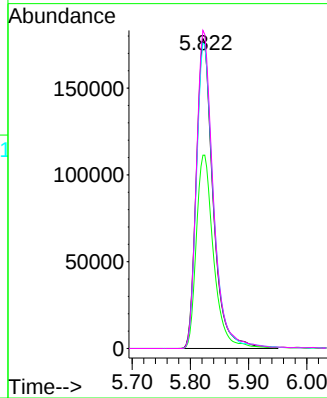
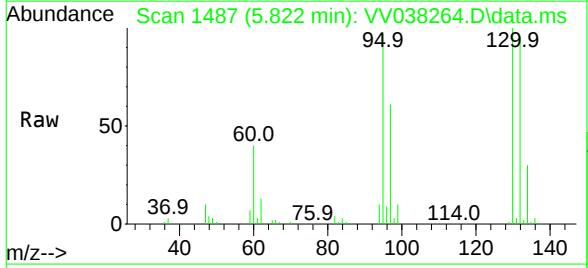
Ion Ratio Lower Upper

95 100

97 62.4 44.8 83.2

132 98.6 68.3 126.8

130 102.7 70.2 130.4



#42

Toluene

Concen: 0.398 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.013 min

Lab File: VV038264.D

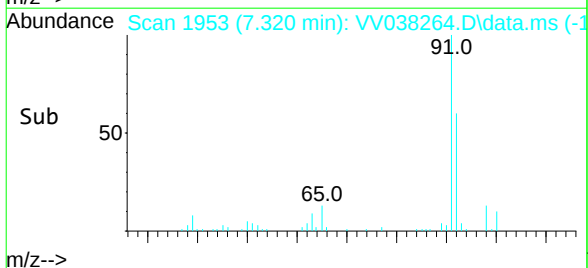
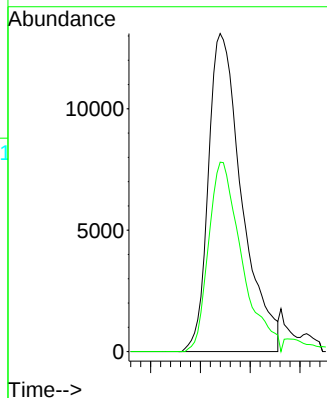
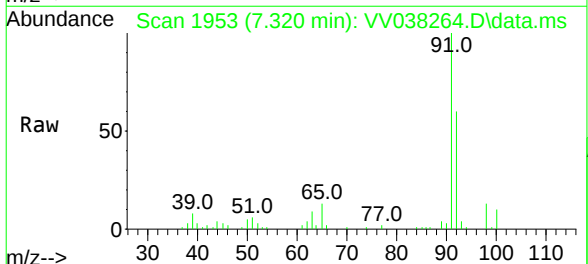
Acq: 22 Nov 2024 12:08

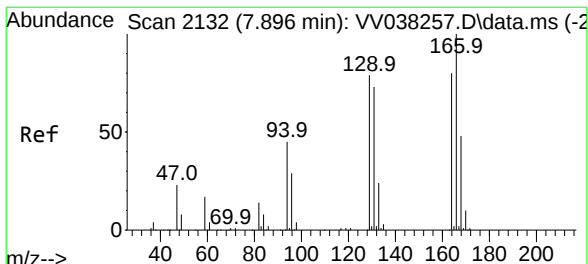
Tgt Ion: 91 Resp: 30582

Ion Ratio Lower Upper

91 100

92 59.6 40.8 75.8

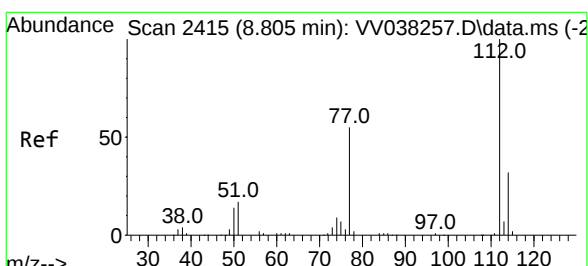
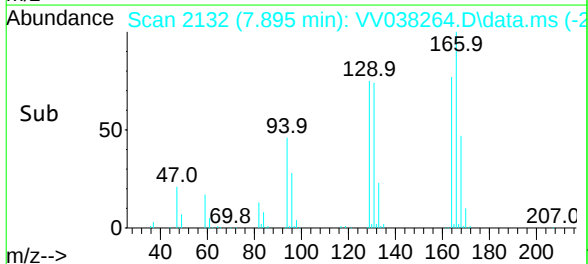
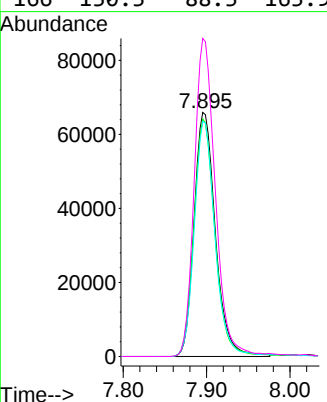
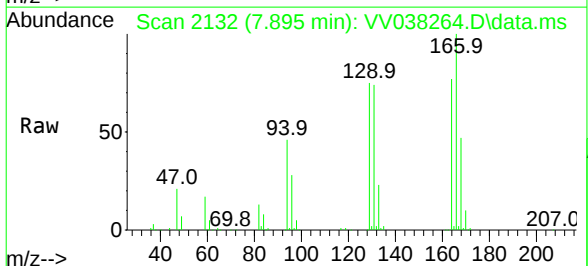




#47
Tetrachloroethene
Concen: 7.363 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

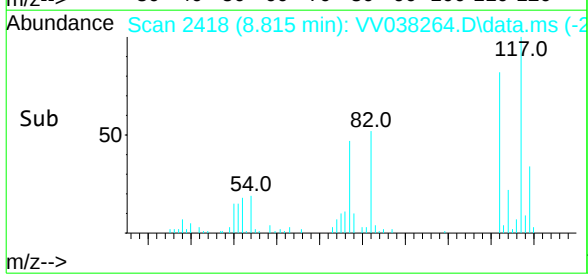
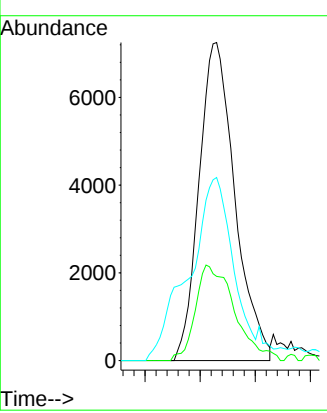
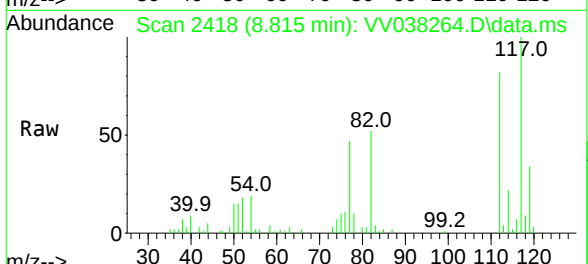
Instrument : MSVOA_V
ClientSampleId : BG3K4

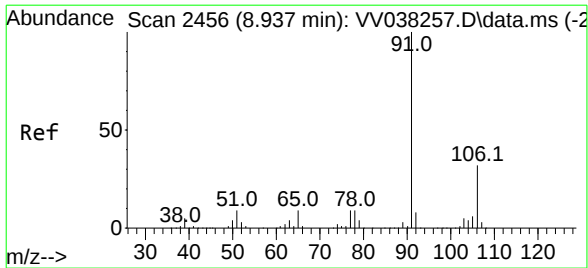
Tgt Ion:	164	Resp:	117079
Ion Ratio	Lower	Upper	
164	100		
129	97.3	68.5	127.1
131	96.3	64.8	120.4
166	130.3	88.3	163.9



#51
Chlorobenzene
Concen: 0.309 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

Tgt Ion:	112	Resp:	16382
Ion Ratio	Lower	Upper	
112	100		
114	26.5	22.0	40.8
77	57.6	45.0	67.4

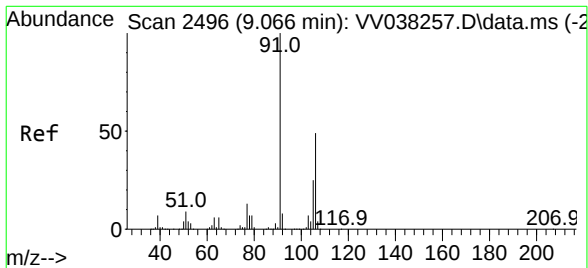
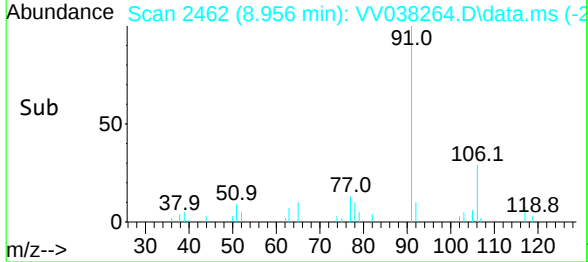
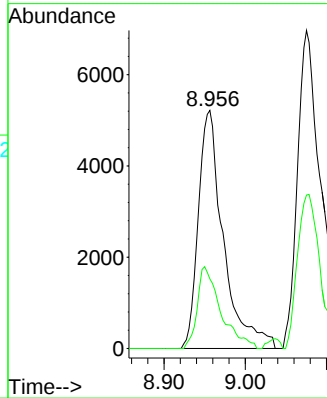
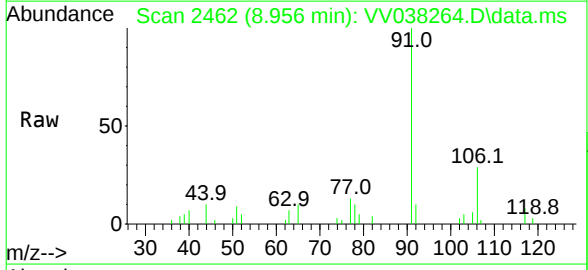




#52
Ethylbenzene
Concen: 0.137 ug/L
RT: 8.956 min Scan# 2456
Delta R.T. 0.019 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

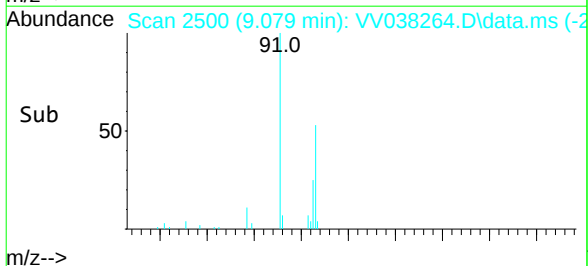
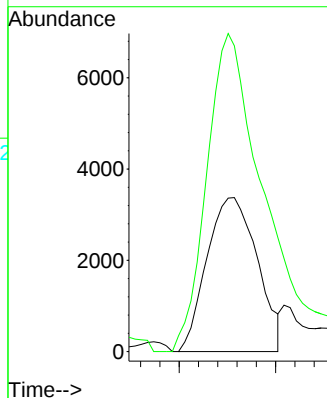
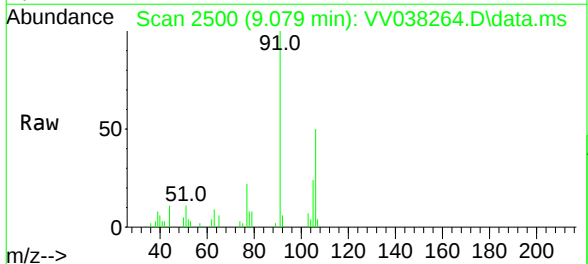
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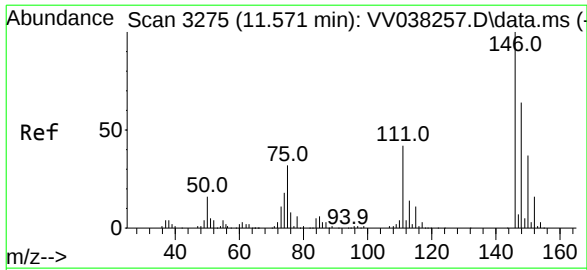
Tgt Ion: 91 Resp: 11189
Ion Ratio Lower Upper
91 100
106 29.2 21.8 40.4



#53
m,p-Xylene
Concen: 0.200 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

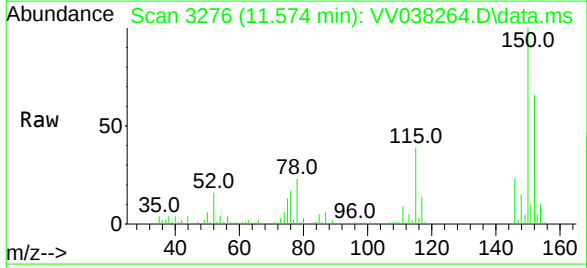
Tgt Ion: 106 Resp: 6144
Ion Ratio Lower Upper
106 100
91 198.5 138.7 257.5





#67
1,2-Dichlorobenzene
Concen: 0.258 ug/L
RT: 11.574 min Scan# 32
Delta R.T. 0.003 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

Instrument :
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ClientSampleId :
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Tgt Ion:	146	Resp:	7988
Ion	Ratio	Lower	Upper
146	100		
111	41.5	34.2	51.2
148	64.7	51.0	76.4

