

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038273.D
 Acq On : 22 Nov 2024 16:17
 Operator : SY/MD
 Sample : P4884-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8

Quant Time: Nov 23 00:03:37 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)

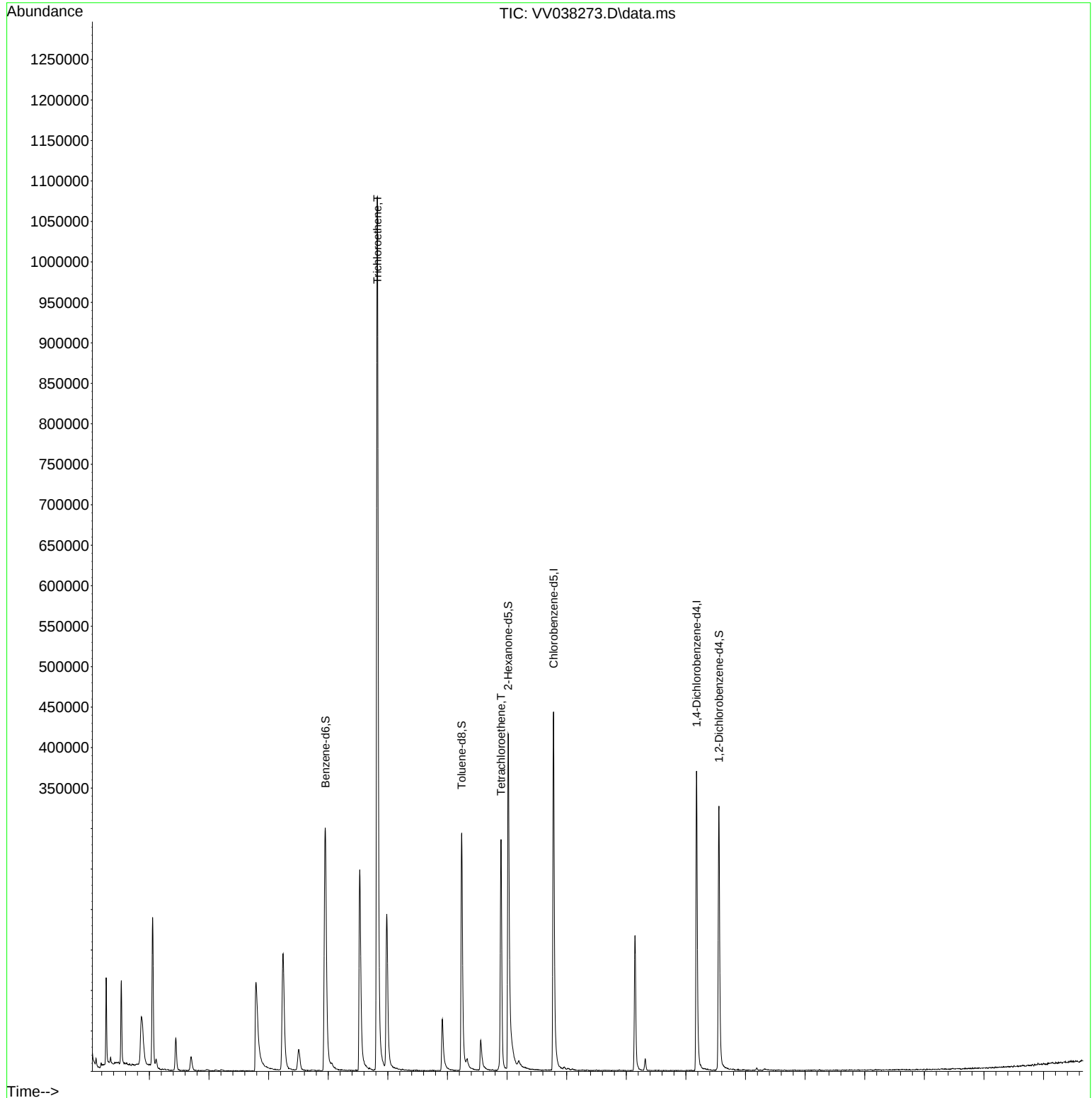
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	232861	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	257441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	105884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66274	3.713	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.529	69	66740	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.053	65	30206	3.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.786	46	198113	55.486	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	4.243	84	162837	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.937	65	83354	5.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	4.953	84	285562	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.982	67	99844	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.239	98	218200	3.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.558	79	28456	3.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.018	63	156668	52.947	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.900%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86621	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	91641	5.080	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3350	0.192	ug/L #	56
16) Methylene chloride	2.445	84	17840	0.941	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	14637	0.389	ug/L #	94
22) cis-1,2-Dichloroethene	3.815	96	6759	0.373	ug/L	87
29) 1,1,1-Trichloroethane	4.506	97	22186	0.719	ug/L	95
34) Trichloroethene	5.825	95	405061	20.548	ug/L	99
42) Toluene	7.330	91	10581	0.138	ug/L	96
47) Tetrachloroethene	7.899	164	66260	4.183	ug/L	99
51) Chlorobenzene	8.815	112	9049	0.171	ug/L	95

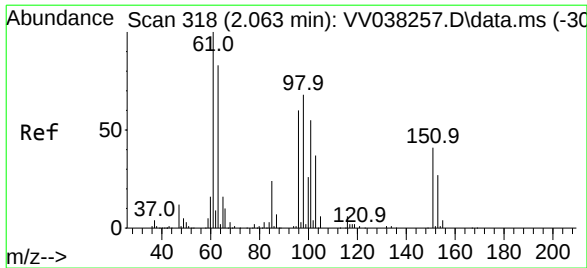
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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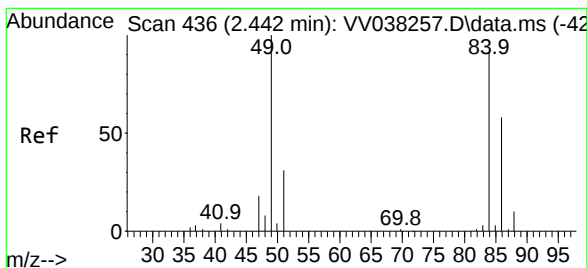
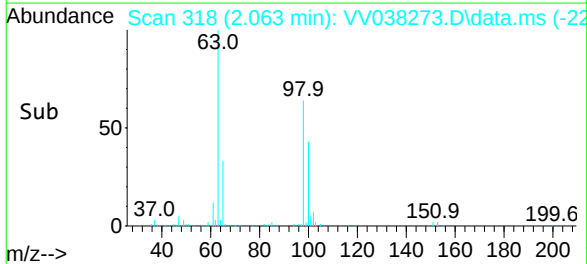
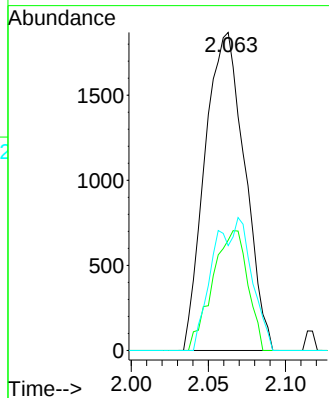
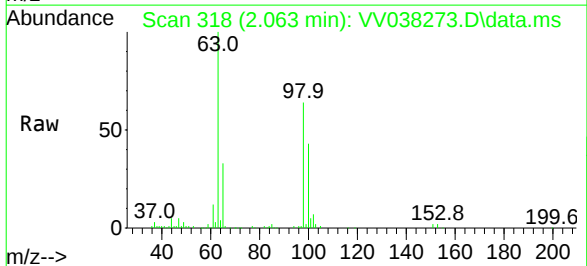




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.192 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038273.D
Acq: 22 Nov 2024 16:17

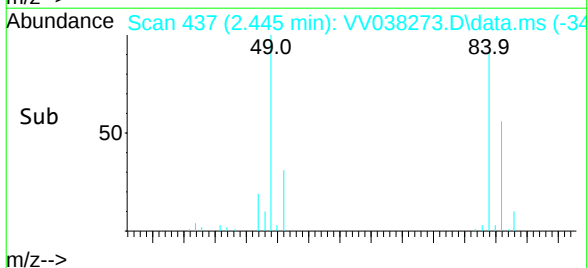
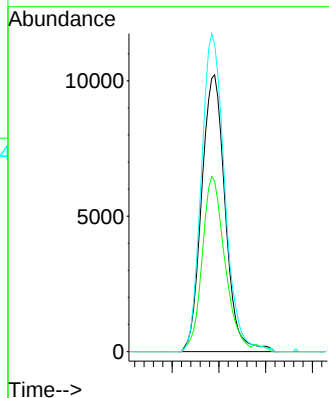
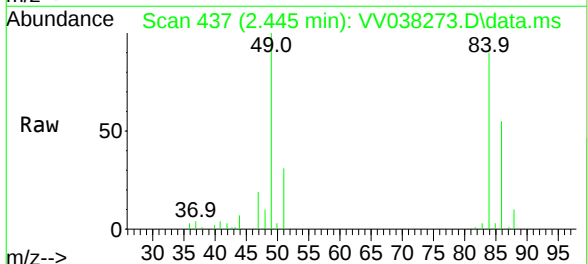
Instrument :
MSVOA_V
ClientSampleId :
BG3N8

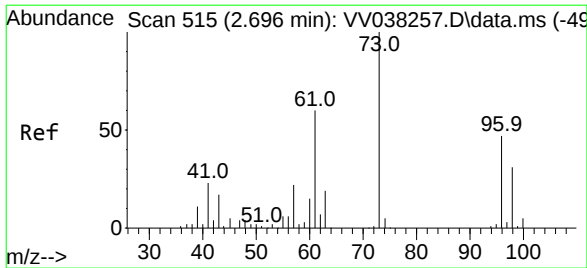
Tgt Ion: 101 Resp: 3350
Ion Ratio Lower Upper
101 100
85 33.3 33.4 50.0#
151 21.5 58.8 88.2#



#16
Methylene chloride
Concen: 0.941 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV038273.D
Acq: 22 Nov 2024 16:17

Tgt Ion: 84 Resp: 17840
Ion Ratio Lower Upper
84 100
86 61.6 44.2 82.2
49 111.0 74.9 139.1

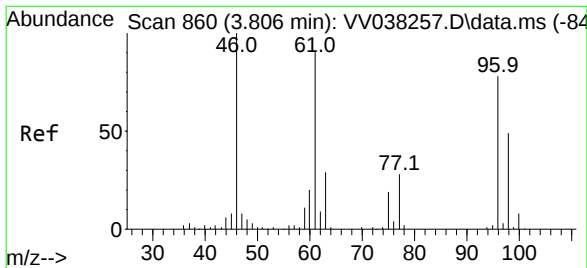
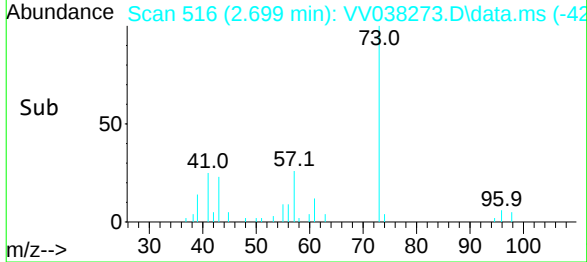
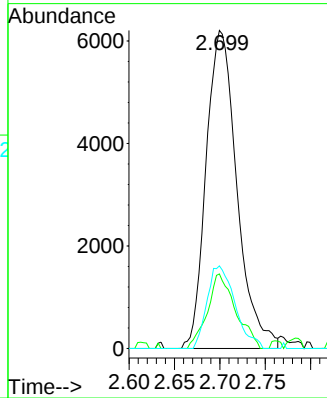
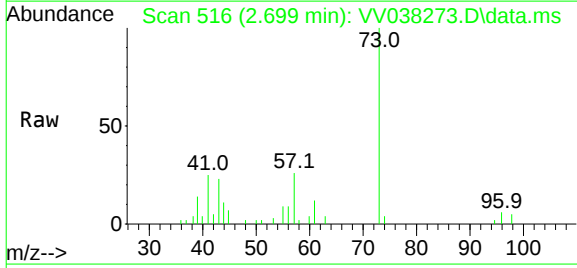




#17
Methyl tert-butyl Ether
Concen: 0.389 ug/L
RT: 2.699 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038273.D
Acq: 22 Nov 2024 16:17

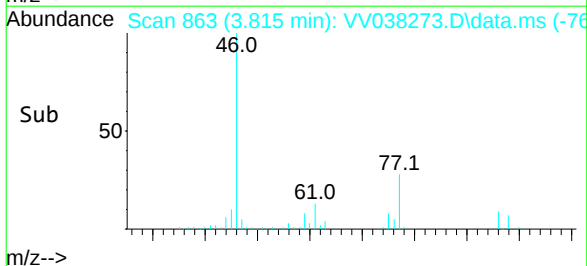
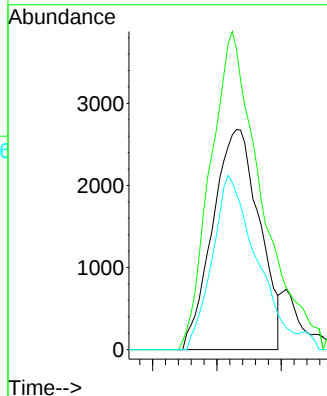
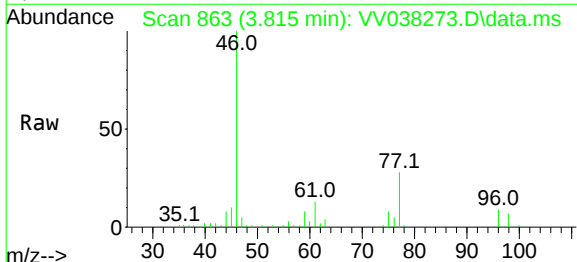
Instrument :
MSVOA_V
ClientSampleId :
BG3N8

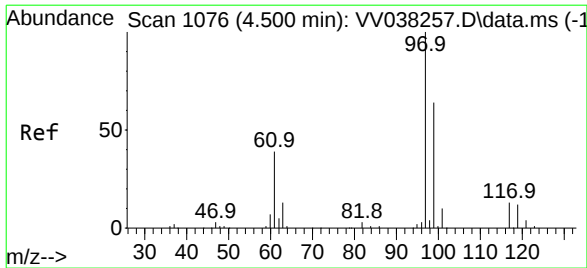
Tgt Ion:	73	Resp:	14637
Ion	Ratio	Lower	Upper
73	100		
43	21.5	14.2	21.2#
57	23.5	17.6	26.4



#22
cis-1,2-Dichloroethene
Concen: 0.373 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV038273.D
Acq: 22 Nov 2024 16:17

Tgt Ion:	96	Resp:	6759
Ion	Ratio	Lower	Upper
96	100		
61	136.5	82.7	153.5
98	70.7	46.3	85.9

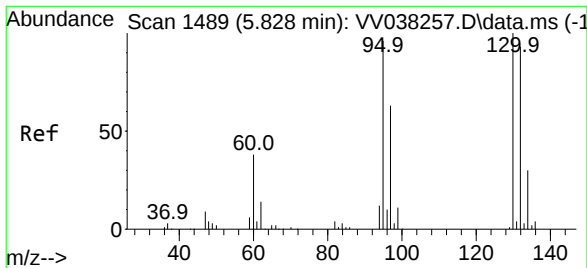
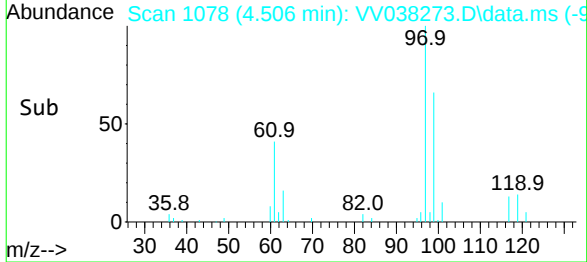
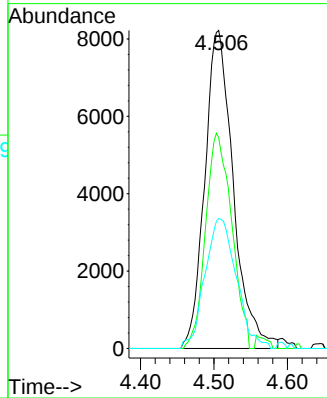
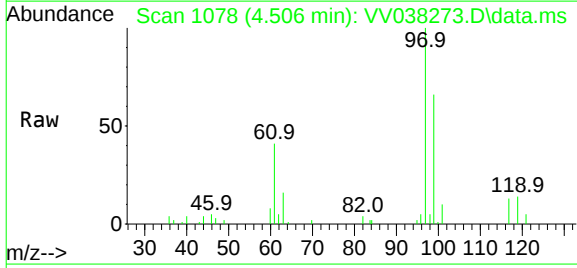




#29
1,1,1-Trichloroethane
Concen: 0.719 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038273.D
Acq: 22 Nov 2024 16:17

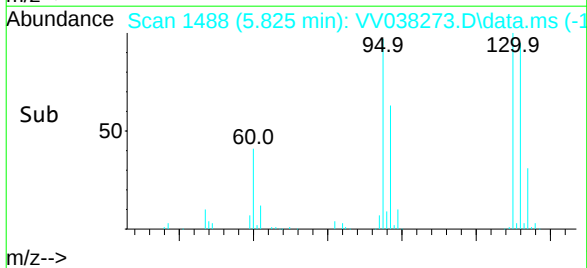
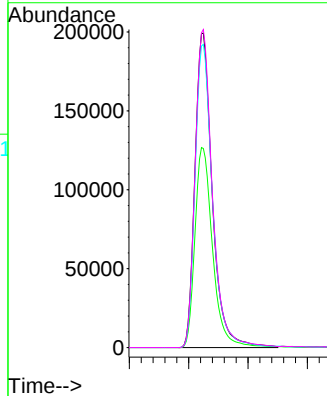
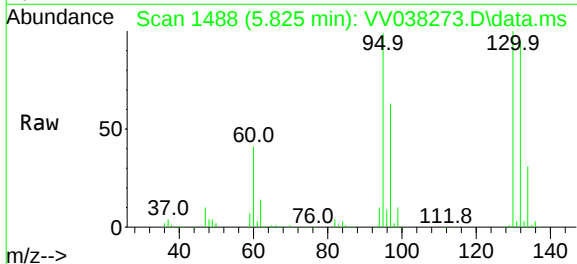
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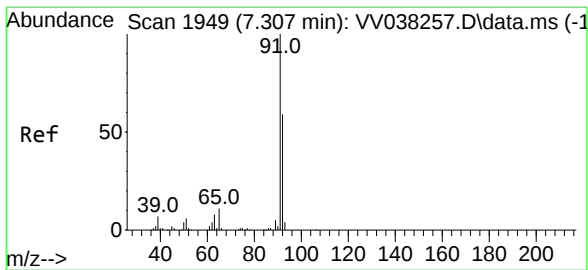
Tgt Ion:	97	Resp:	22186
Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.8	77.8
61	45.0	32.2	48.2



#34
Trichloroethene
Concen: 20.548 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038273.D
Acq: 22 Nov 2024 16:17

Tgt Ion:	95	Resp:	405061
Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.8	83.2
132	96.4	68.3	126.8
130	101.1	70.2	130.4





#42

Toluene

Concen: 0.138 ug/L

RT: 7.330 min Scan# 19

Delta R.T. 0.022 min

Lab File: VV038273.D

Acq: 22 Nov 2024 16:17

Instrument :

MSVOA_V

ClientSampleId :

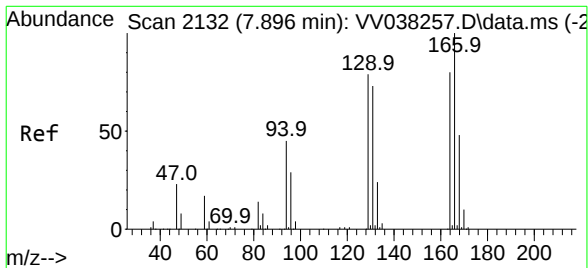
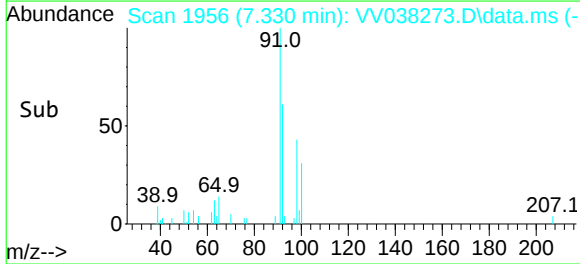
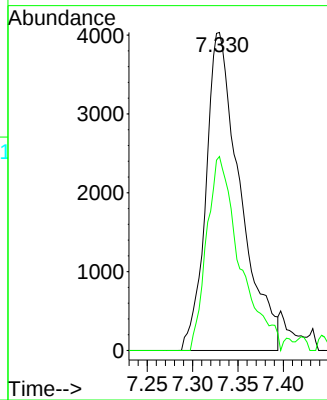
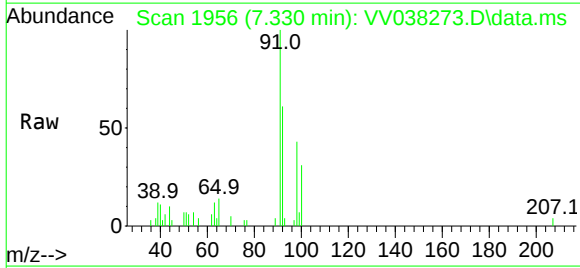
BG3N8

Tgt Ion: 91 Resp: 10581

Ion Ratio Lower Upper

91 100

92 61.0 40.8 75.8



#47

Tetrachloroethene

Concen: 4.183 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038273.D

Acq: 22 Nov 2024 16:17

Tgt Ion: 164 Resp: 66260

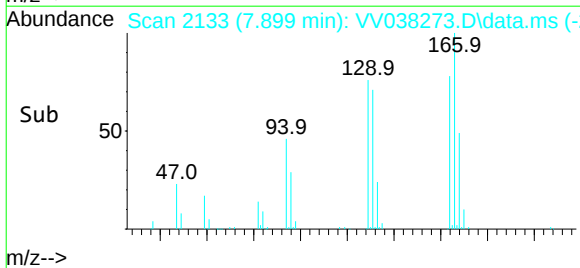
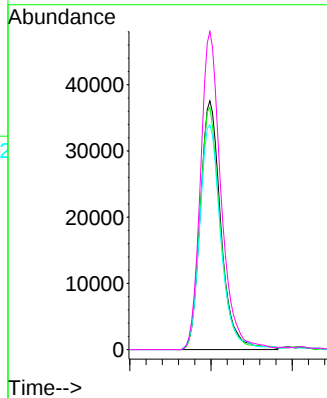
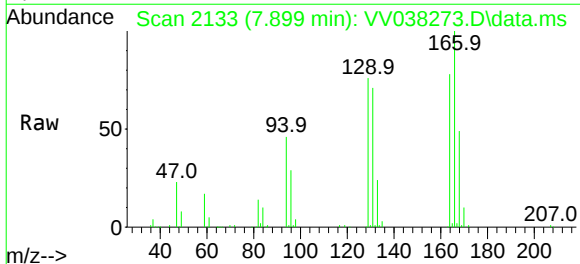
Ion Ratio Lower Upper

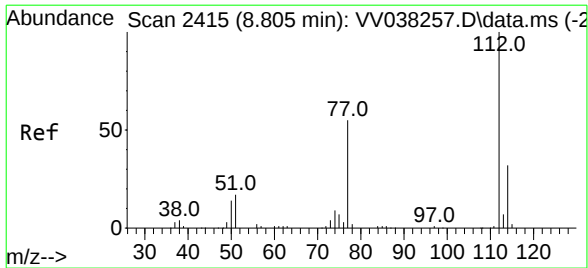
164 100

129 97.4 68.5 127.1

131 90.4 64.8 120.4

166 127.9 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.171 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.010 min
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Tgt Ion:	112	Resp:	9049
Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.0	40.8
77	60.9	45.0	67.4

