

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038272.D
 Acq On : 22 Nov 2024 15:54
 Operator : SY/MD
 Sample : P4884-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N7

Quant Time: Nov 23 00:03:13 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)

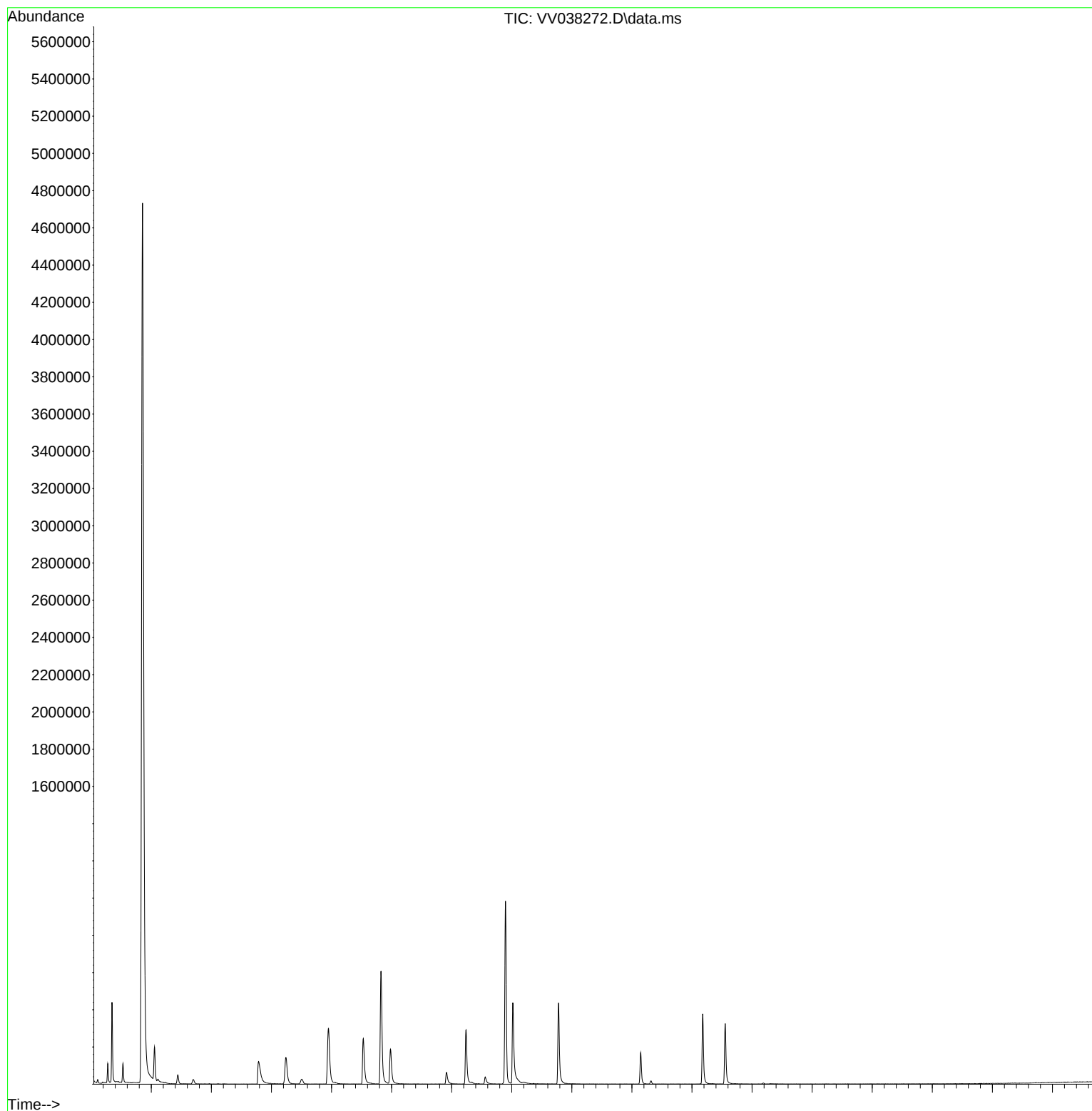
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	231887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	259437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	105156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66498	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.529	69	66530	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.053	65	30338	3.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.783	46	194425	54.682	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.360%
24) Chloroform-d	4.240	84	165044	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.937	65	82846	5.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	4.950	84	276877	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.982	67	98207	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.239	98	213224	3.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	7.558	79	27060	3.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.018	63	156694	52.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86712	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	90539	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	4505	0.205	ug/L	94
16) Methylene chloride	2.439	84	21418	1.134	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	19600	0.523	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	12911	0.716	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	23149	0.744	ug/L	98
34) Trichloroethene	5.825	95	228371	11.496	ug/L	99
47) Tetrachloroethene	7.895	164	221467	13.874	ug/L	99
51) Chlorobenzene	8.815	112	8996	0.169	ug/L	94

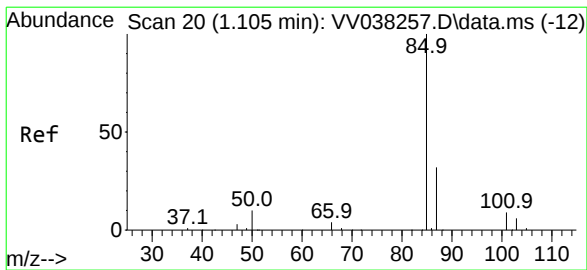
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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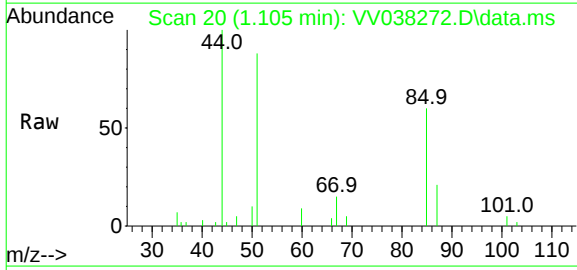
Quant Time: Nov 23 00:03:13 2024
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Quant Title : TRACE VOA SFAM1.0
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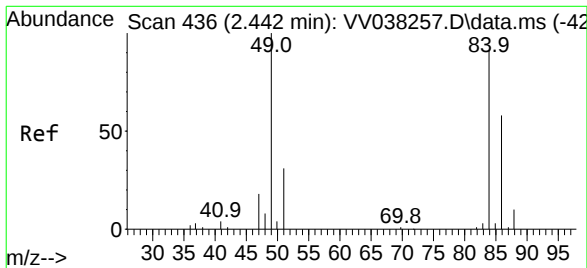
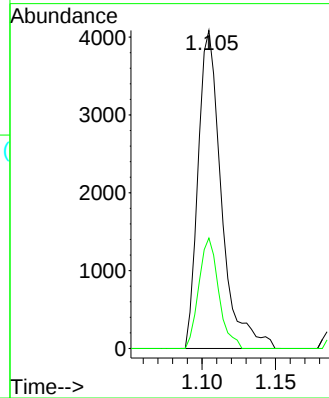
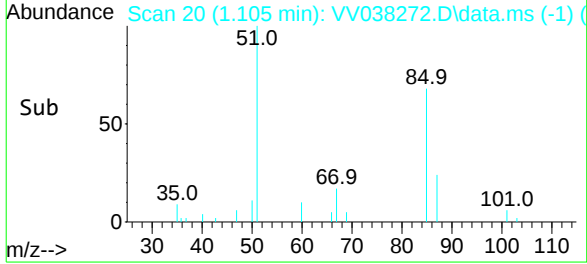


#2
Dichlorodifluoromethane
Concen: 0.205 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

Instrument :
MSVOA_V
ClientSampleId :
BG3N7

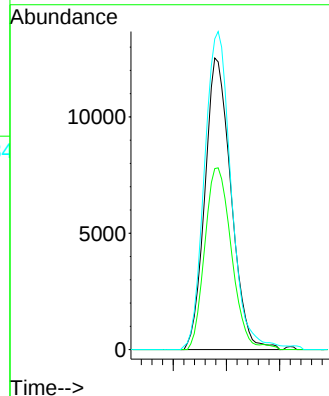
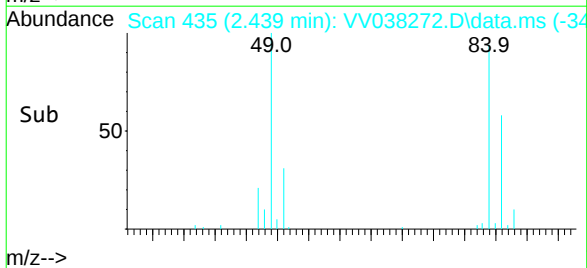
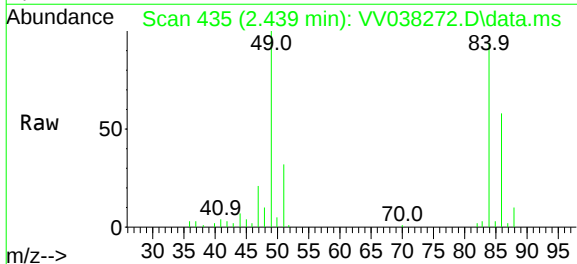


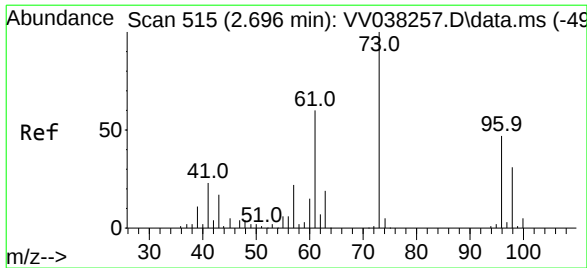
Tgt Ion: 85 Resp: 4505
Ion Ratio Lower Upper
85 100
87 29.6 26.5 39.7



#16
Methylene chloride
Concen: 1.134 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

Tgt Ion: 84 Resp: 21418
Ion Ratio Lower Upper
84 100
86 62.1 44.2 82.2
49 106.6 74.9 139.1

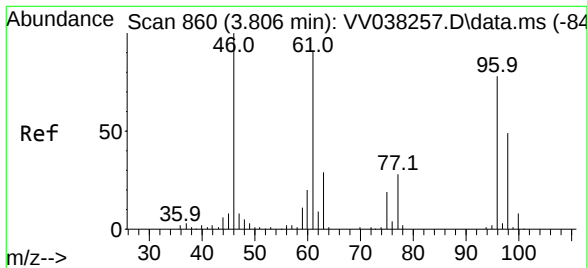
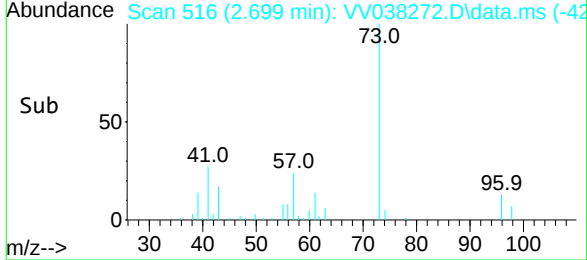
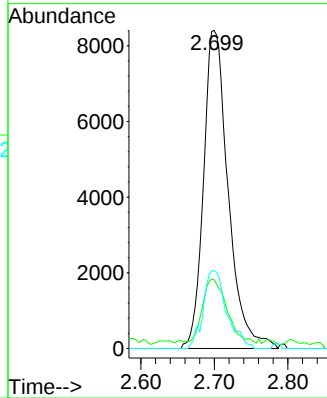
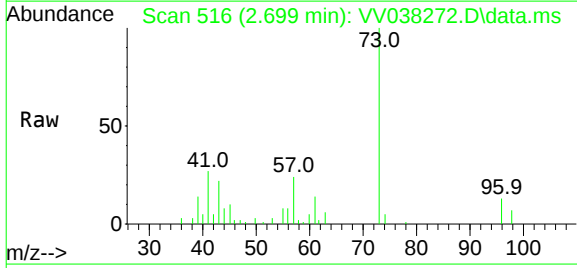




#17
Methyl tert-butyl Ether
Concen: 0.523 ug/L
RT: 2.699 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

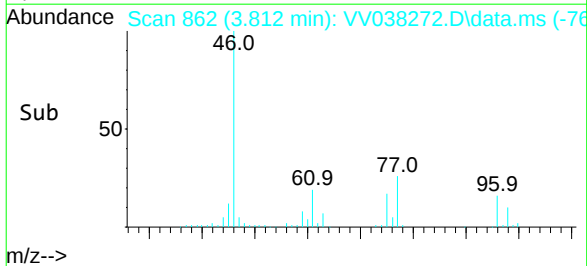
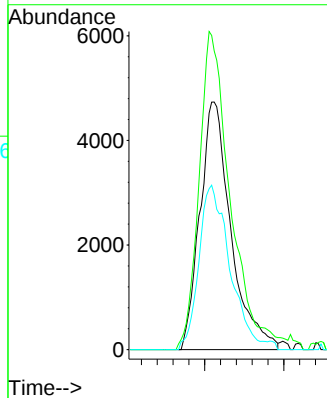
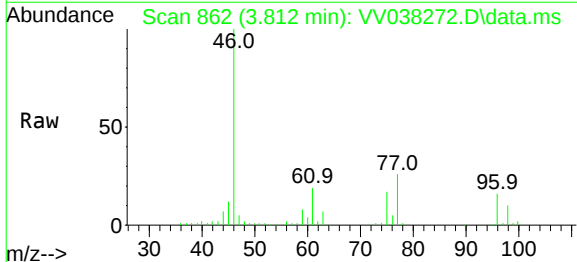
Instrument :
MSVOA_V
ClientSampleId :
BG3N7

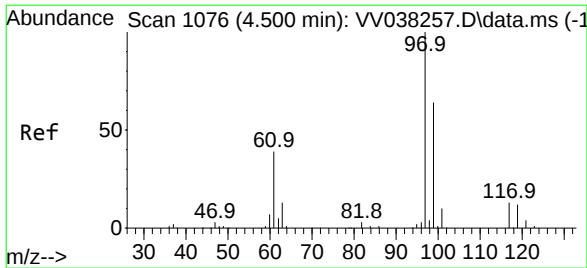
Tgt Ion: 73	Resp: 19600
Ion Ratio	Lower Upper
73 100	
43 20.1	14.2 21.2
57 23.4	17.6 26.4



#22
cis-1,2-Dichloroethene
Concen: 0.716 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

Tgt Ion: 96	Resp: 12911
Ion Ratio	Lower Upper
96 100	
61 120.6	82.7 153.5
98 62.6	46.3 85.9

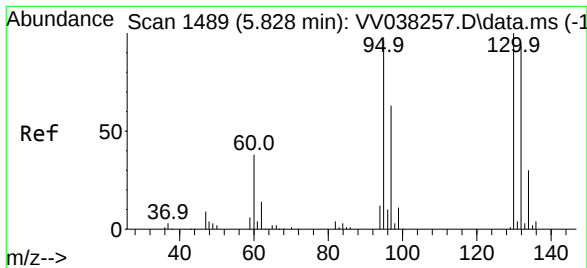
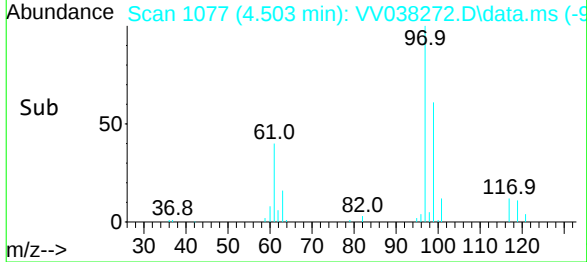
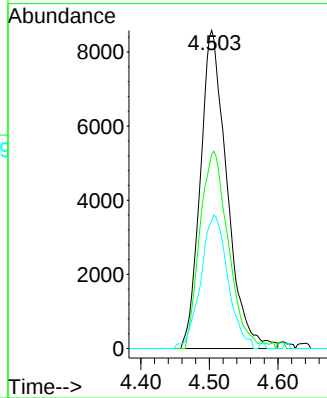
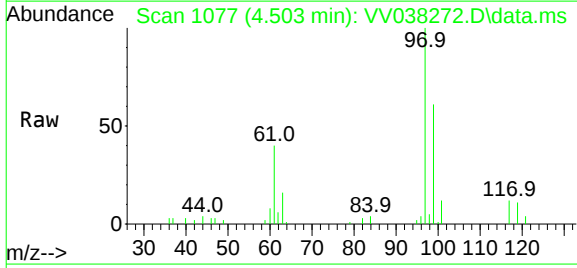




#29
1,1,1-Trichloroethane
Concen: 0.744 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

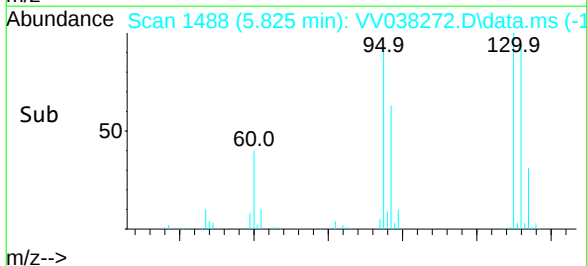
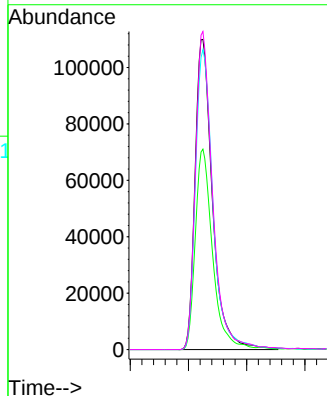
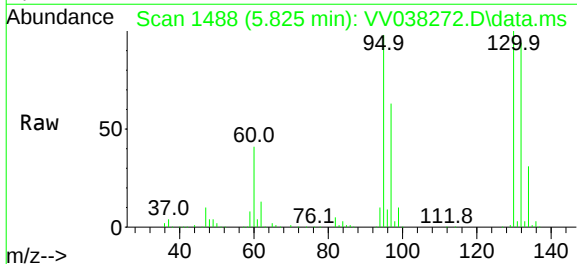
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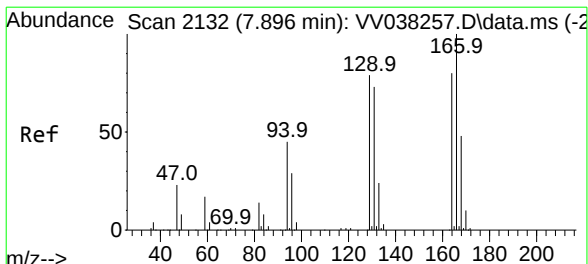
Tgt Ion:	97	Resp:	23149
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.8	77.8
61	42.7	32.2	48.2



#34
Trichloroethene
Concen: 11.496 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

Tgt Ion:	95	Resp:	228371
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.8	83.2
132	96.7	68.3	126.8
130	102.5	70.2	130.4

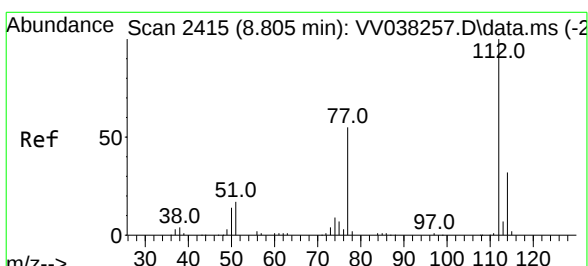
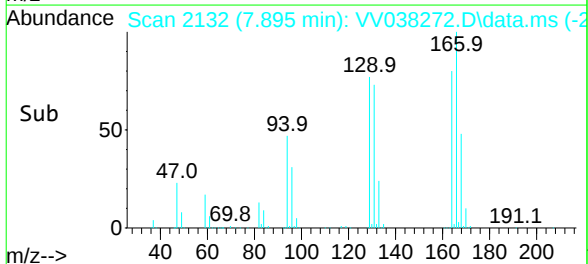
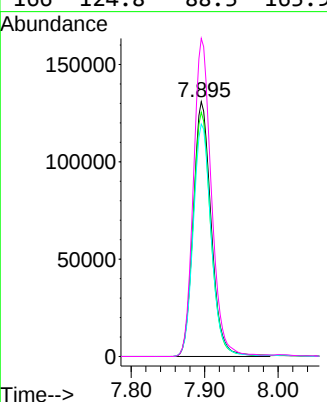
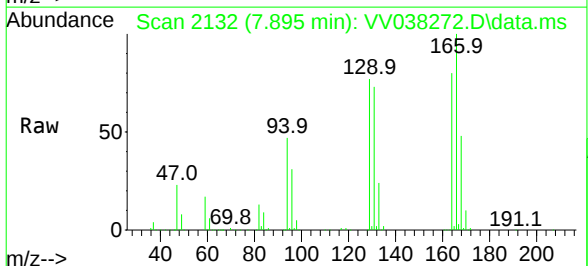




#47
 Tetrachloroethene
 Concen: 13.874 ug/L
 RT: 7.895 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: VV038272.D
 Acq: 22 Nov 2024 15:54

Instrument : MSVOA_V
 ClientSampleId : BG3N7

Tgt Ion:	164	Resp:	221467
Ion Ratio	Lower	Upper	
164	100		
129	95.9	68.5	127.1
131	91.2	64.8	120.4
166	124.8	88.3	163.9



#51
 Chlorobenzene
 Concen: 0.169 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.010 min
 Lab File: VV038272.D
 Acq: 22 Nov 2024 15:54

Tgt Ion:	112	Resp:	8996
Ion Ratio	Lower	Upper	
112	100		
114	33.9	22.0	40.8
77	61.1	45.0	67.4

