

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038271.D
 Acq On : 22 Nov 2024 15:30
 Operator : SY/MD
 Sample : P4884-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N6

Quant Time: Nov 23 00:02:50 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)

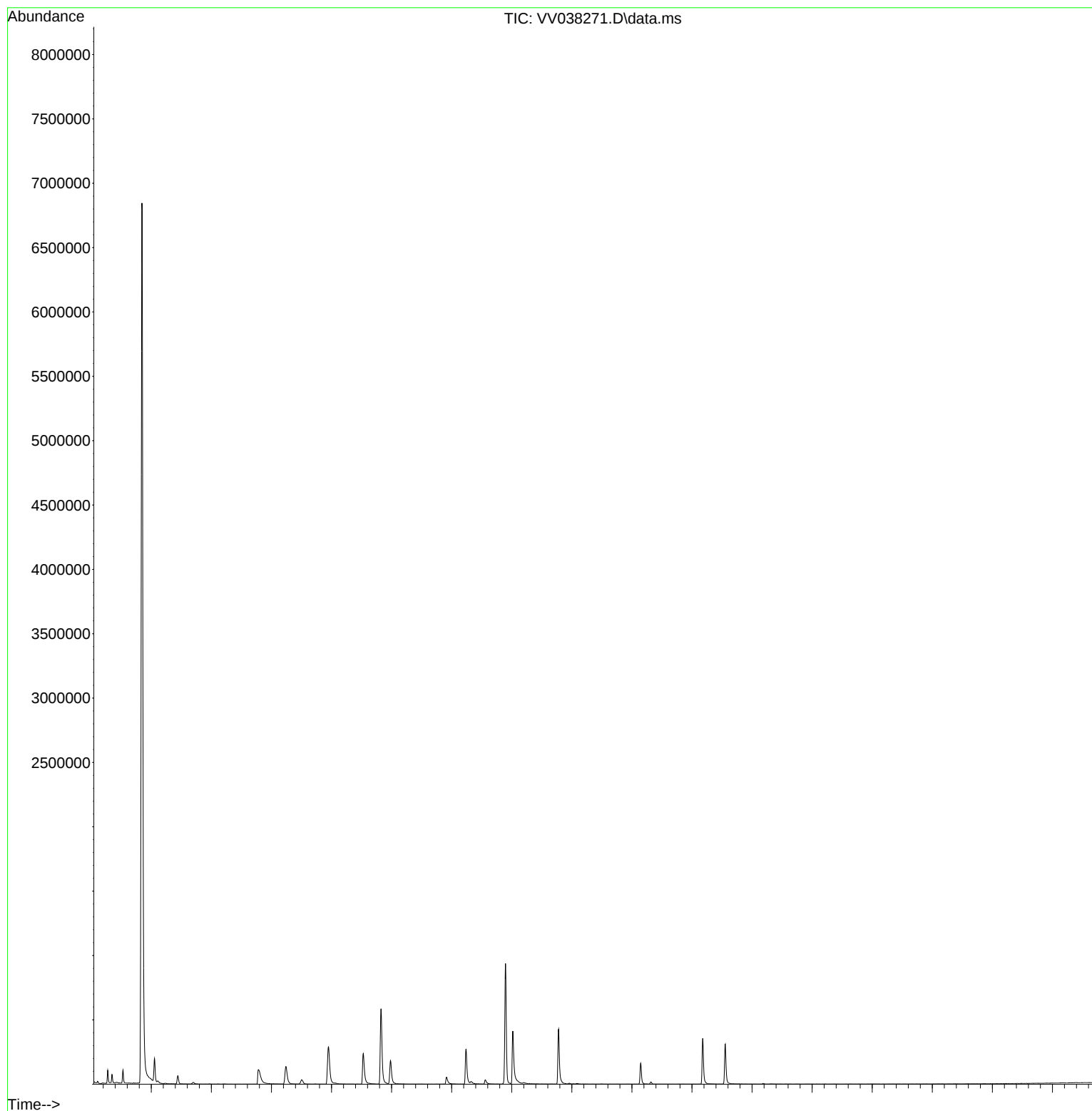
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	227253	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	250055	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	100881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63853	3.666	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.529	69	64655	4.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.053	65	30046	4.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	3.780	46	188852	54.198	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.400%
24) Chloroform-d	4.243	84	156075	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.937	65	78733	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.953	84	265223	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.982	67	97568	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.236	98	203233	3.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	7.558	79	24137	3.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.018	63	141019	49.066	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.140%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84568	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	84189	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	3911	0.182	ug/L	99
16) Methylene chloride	2.442	84	28031	1.514	ug/L	89
17) Methyl tert-butyl Ether	2.706	73	10178	0.277	ug/L #	93
22) cis-1,2-Dichloroethene	3.809	96	15350	0.868	ug/L	93
29) 1,1,1-Trichloroethane	4.503	97	29913	0.997	ug/L	99
34) Trichloroethene	5.825	95	222613	11.626	ug/L	99
42) Toluene	7.326	91	16901	0.227	ug/L	97
47) Tetrachloroethene	7.895	164	210863	13.705	ug/L	99
51) Chlorobenzene	8.812	112	10034	0.196	ug/L	91

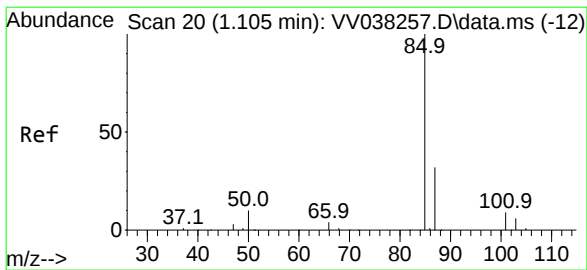
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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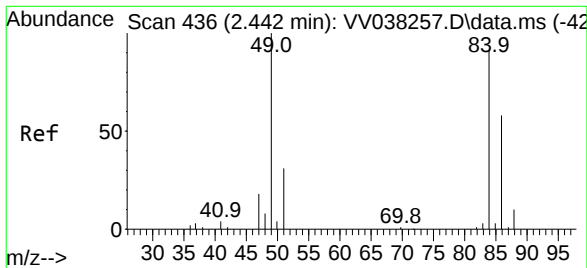
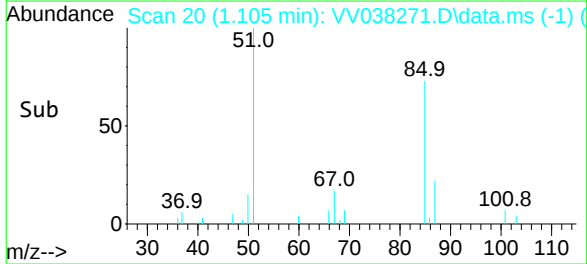
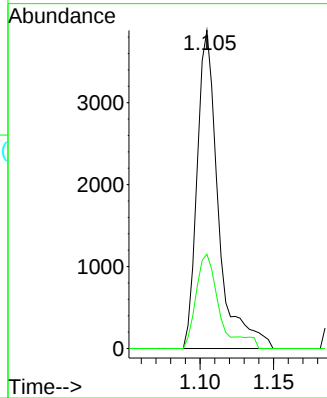
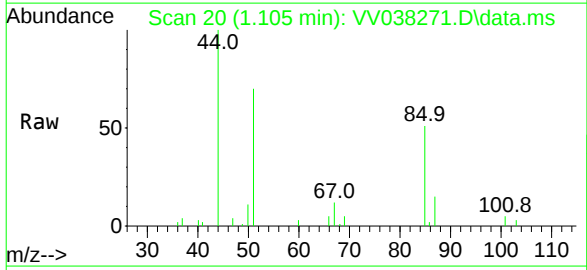




#2
 Dichlorodifluoromethane
 Concen: 0.182 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038271.D
 Acq: 22 Nov 2024 15:30

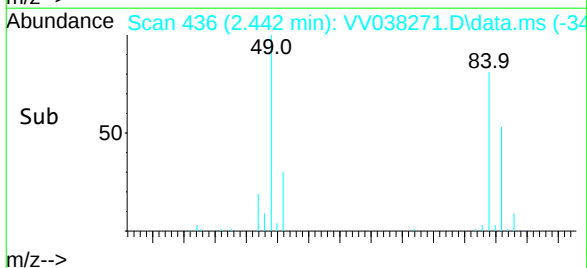
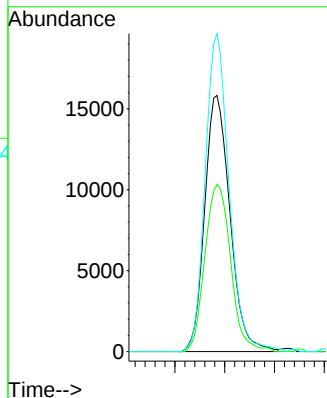
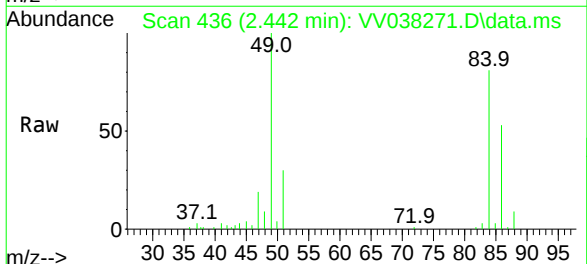
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N6

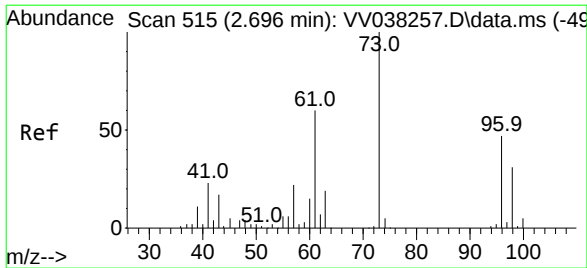
Tgt Ion: 85 Resp: 3911
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.5 39.7



#16
 Methylene chloride
 Concen: 1.514 ug/L
 RT: 2.442 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: VV038271.D
 Acq: 22 Nov 2024 15:30

Tgt Ion: 84 Resp: 28031
 Ion Ratio Lower Upper
 84 100
 86 65.2 44.2 82.2
 49 124.2 74.9 139.1

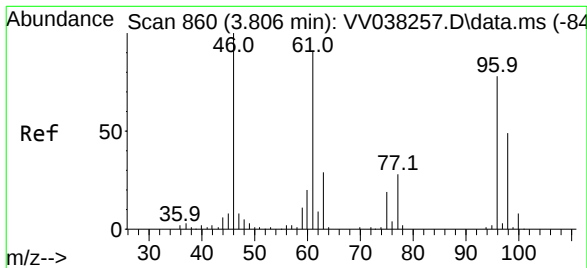
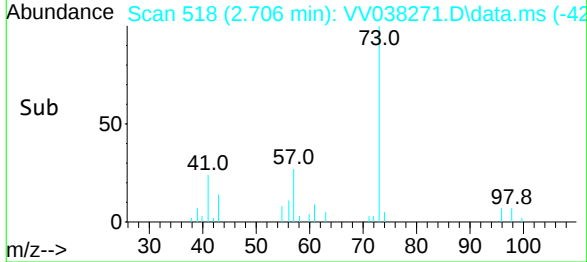
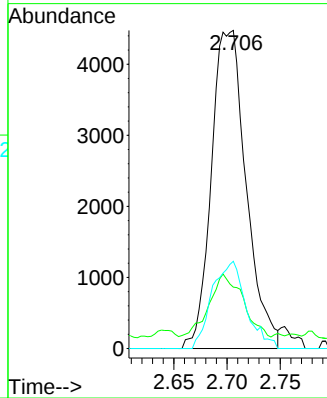
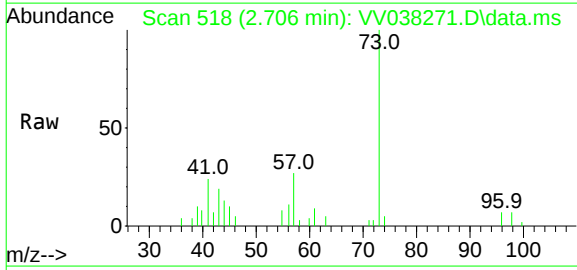




#17
Methyl tert-butyl Ether
Concen: 0.277 ug/L
RT: 2.706 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV038271.D
Acq: 22 Nov 2024 15:30

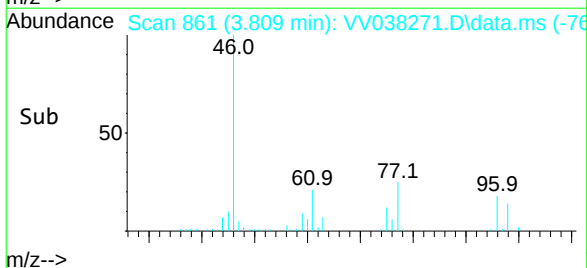
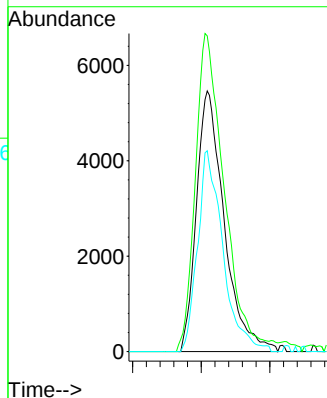
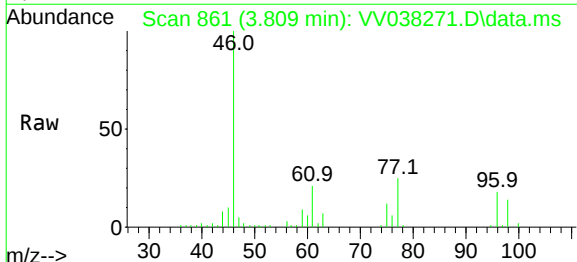
Instrument :
MSVOA_V
ClientSampleId :
BG3N6

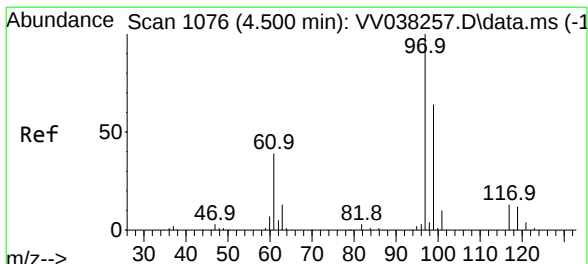
Tgt Ion: 73 Resp: 10178
Ion Ratio Lower Upper
73 100
43 19.0 14.2 21.2
57 26.8 17.6 26.4#



#22
cis-1,2-Dichloroethene
Concen: 0.868 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038271.D
Acq: 22 Nov 2024 15:30

Tgt Ion: 96 Resp: 15350
Ion Ratio Lower Upper
96 100
61 121.1 82.7 153.5
98 77.1 46.3 85.9

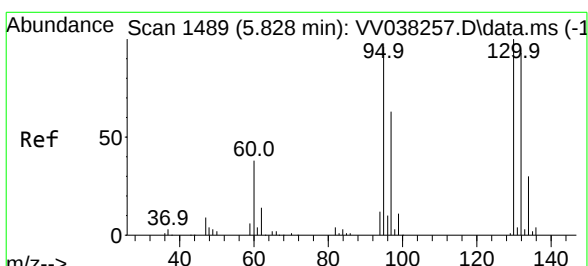
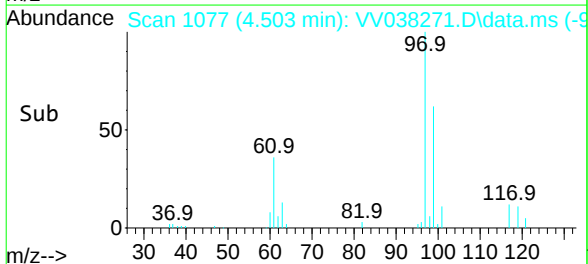
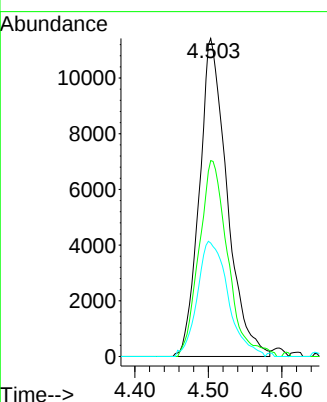
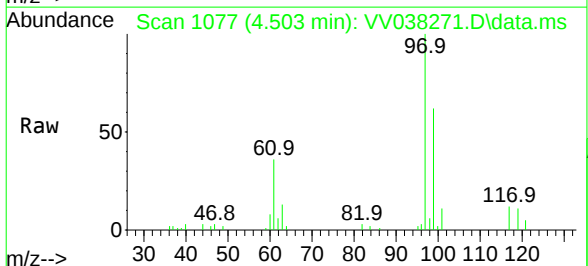




#29
 1,1,1-Trichloroethane
 Concen: 0.997 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.003 min
 Lab File: VV038271.D
 Acq: 22 Nov 2024 15:30

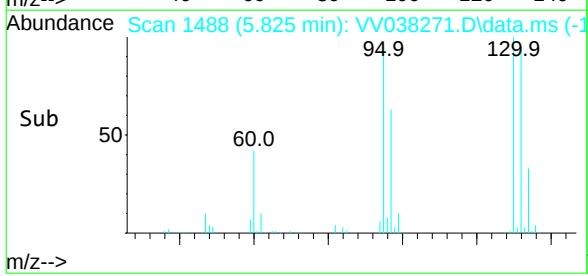
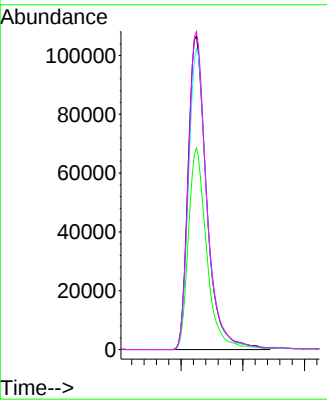
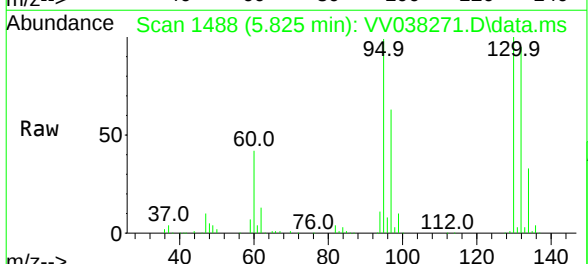
Instrument :
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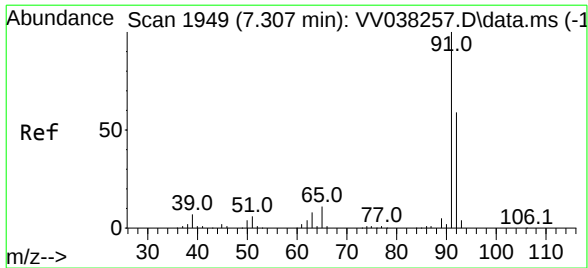
Tgt Ion:	97	Resp:	29913
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.8
61	40.2	32.2	48.2



#34
 Trichloroethene
 Concen: 11.626 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.003 min
 Lab File: VV038271.D
 Acq: 22 Nov 2024 15:30

Tgt Ion:	95	Resp:	222613
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.8	83.2
132	95.9	68.3	126.8
130	101.4	70.2	130.4





#42

Toluene

Concen: 0.227 ug/L

RT: 7.326 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038271.D

Acq: 22 Nov 2024 15:30

Instrument :

MSVOA_V

ClientSampleId :

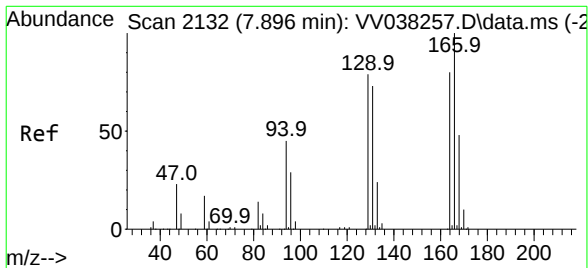
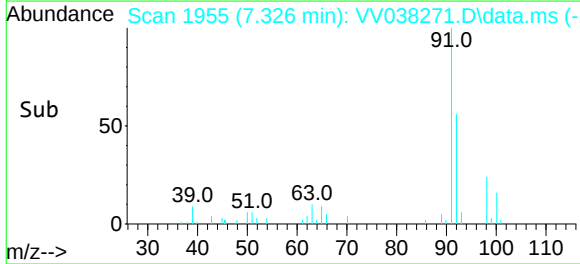
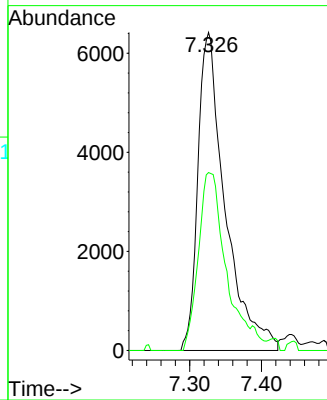
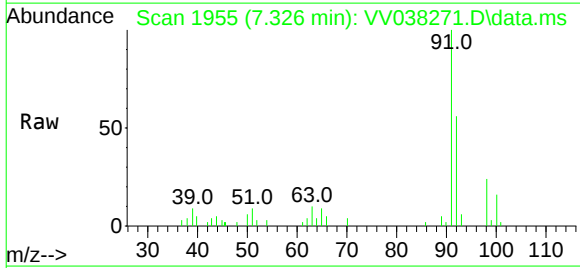
BG3N6

Tgt Ion: 91 Resp: 16901

Ion Ratio Lower Upper

91 100

92 55.9 40.8 75.8



#47

Tetrachloroethene

Concen: 13.705 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038271.D

Acq: 22 Nov 2024 15:30

Tgt Ion: 164 Resp: 210863

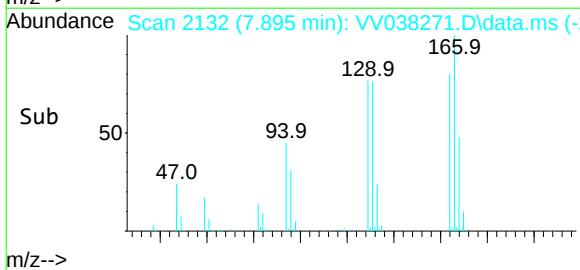
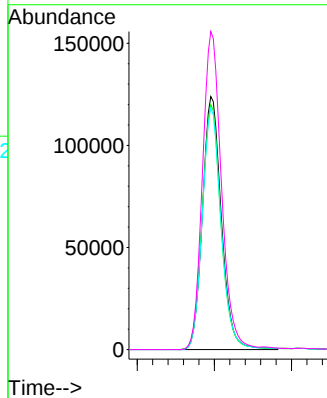
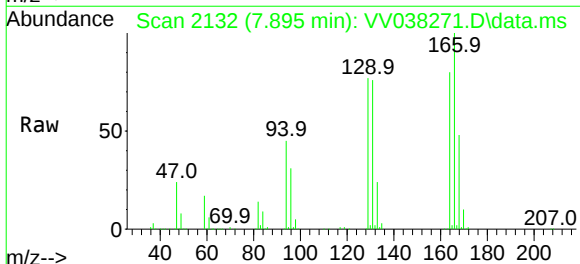
Ion Ratio Lower Upper

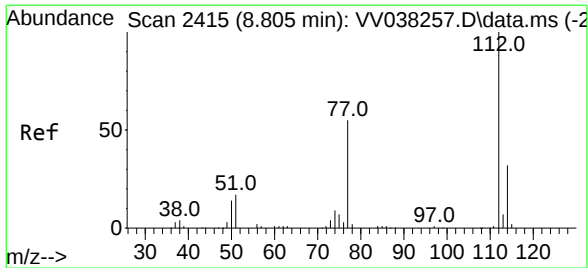
164 100

129 96.8 68.5 127.1

131 95.4 64.8 120.4

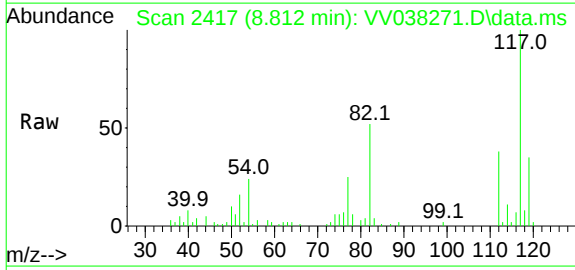
166 125.7 88.3 163.9





#51
Chlorobenzene
Concen: 0.196 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
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Tgt Ion:	112	Resp:	10034
Ion	Ratio	Lower	Upper
112	100		
114	28.6	22.0	40.8
77	64.8	45.0	67.4

