

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038182.D
 Acq On : 19 Nov 2024 17:19
 Operator : SY/MD
 Sample : P4882-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H1

Quant Time: Nov 20 00:36:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

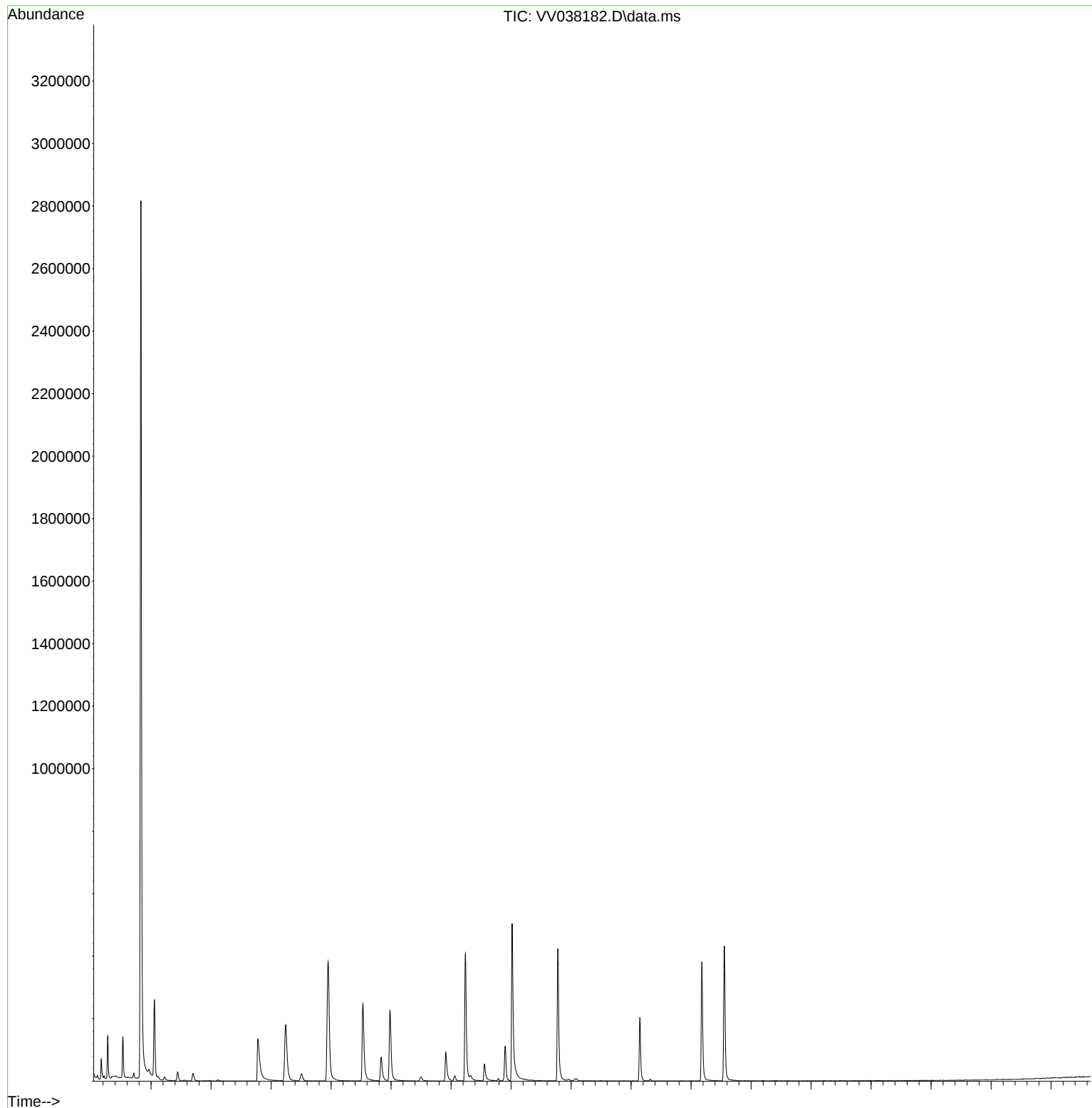
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	235441	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	254311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	111231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89548	4.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.529	69	84895	5.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.400%
11) 1,1-Dichloroethene-d2	2.056	65	40197	5.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.780	46	218471	60.517	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.040%
24) Chloroform-d	4.243	84	201882	5.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.200%
26) 1,2-Dichloroethane-d4	4.937	65	98354	6.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.200%
32) Benzene-d6	4.953	84	366626	5.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	5.982	67	118688	5.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.400%
41) Toluene-d8	7.239	98	303796	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.558	79	38511	5.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.017	63	199524	68.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.520%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	102586	5.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	123627	6.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.400%#
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	5327	0.239	ug/L	92
3) Chloromethane	1.217	50	5853	0.305	ug/L	94
9) Trichlorofluoromethane	1.712	101	9416	0.304	ug/L	94
16) Methylene chloride	2.442	84	13018	0.679	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	23815	0.626	ug/L	98
19) 1,1-Dichloroethane	3.111	63	4013	0.125	ug/L	92
25) Chloroform	4.272	83	22378	0.650	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	20271	0.665	ug/L	99
34) Trichloroethene	5.834	95	30856	1.585	ug/L	98
47) Tetrachloroethene	7.902	164	26915	1.720	ug/L	97
51) Chlorobenzene	8.815	112	7498	0.144	ug/L #	80

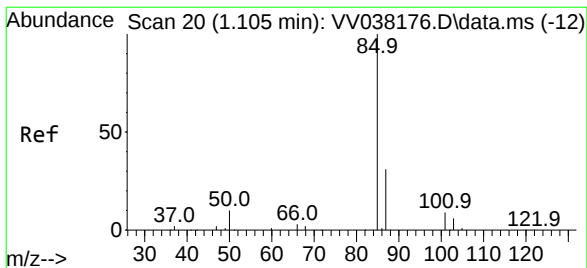
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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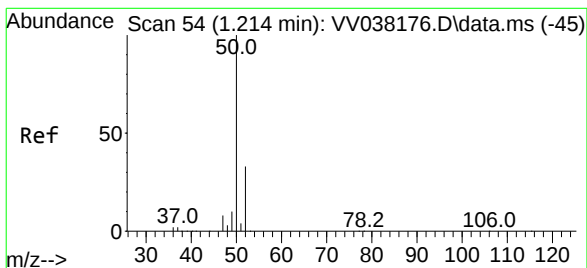
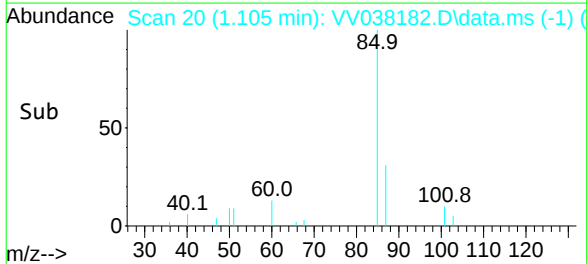
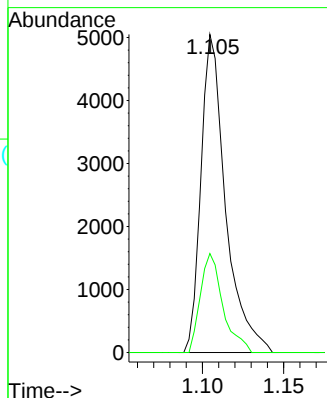
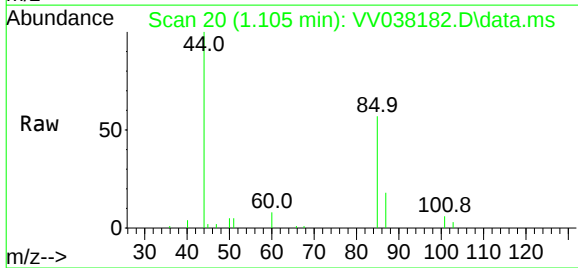




#2
 Dichlorodifluoromethane
 Concen: 0.239 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

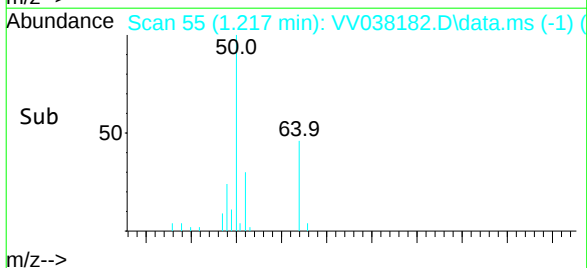
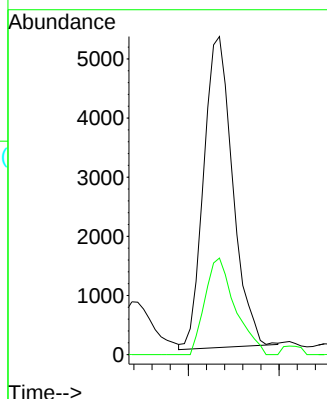
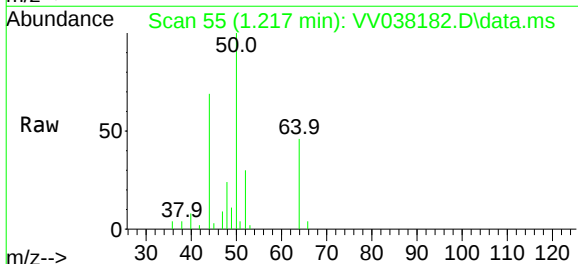
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H1

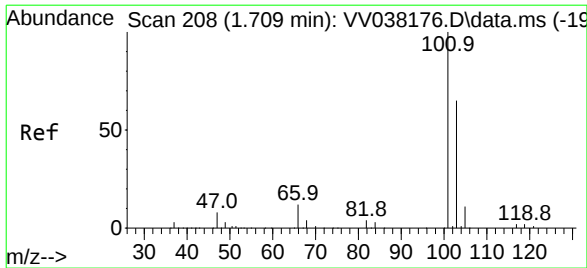
Tgt Ion: 85 Resp: 5327
 Ion Ratio Lower Upper
 85 100
 87 28.5 26.5 39.7



#3
 Chloromethane
 Concen: 0.305 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

Tgt Ion: 50 Resp: 5853
 Ion Ratio Lower Upper
 50 100
 52 30.4 23.5 43.7

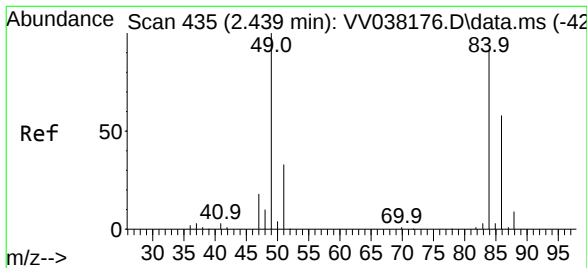
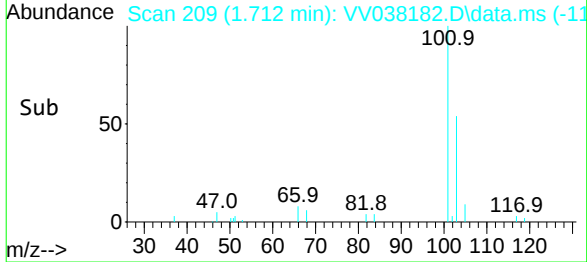
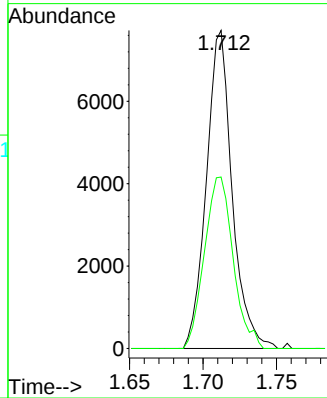
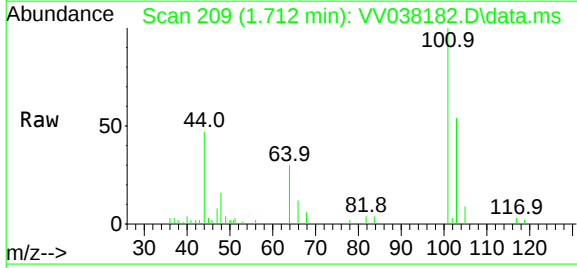




#9
 Trichlorofluoromethane
 Concen: 0.304 ug/L
 RT: 1.712 min Scan# 208
 Delta R.T. 0.003 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

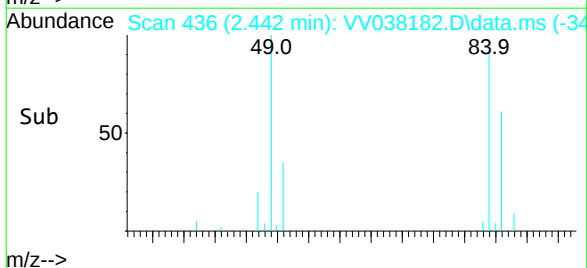
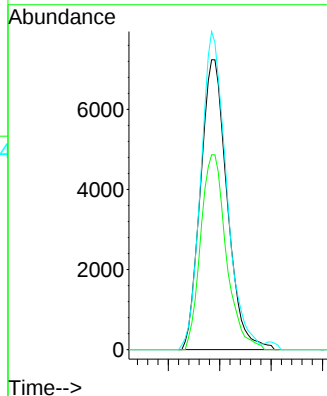
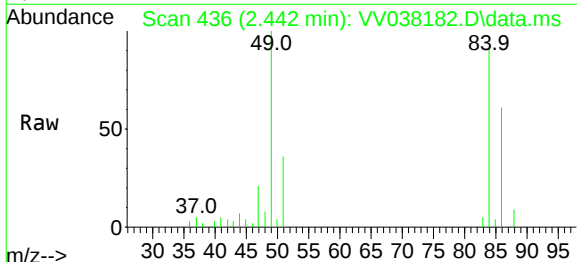
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H1

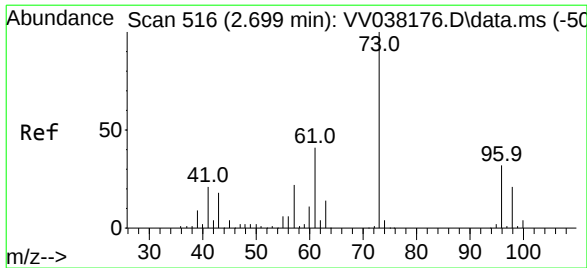
Tgt Ion:101 Resp: 9416
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.5 77.3



#16
 Methylene chloride
 Concen: 0.679 ug/L
 RT: 2.442 min Scan# 436
 Delta R.T. 0.003 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

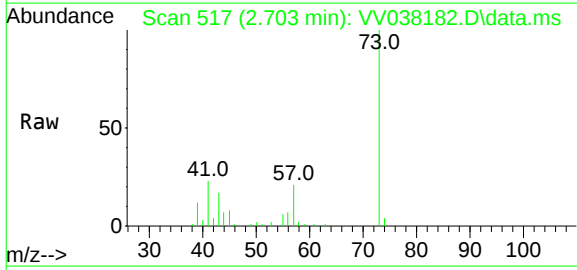
Tgt Ion: 84 Resp: 13018
 Ion Ratio Lower Upper
 84 100
 86 67.2 44.2 82.2
 49 109.7 74.9 139.1



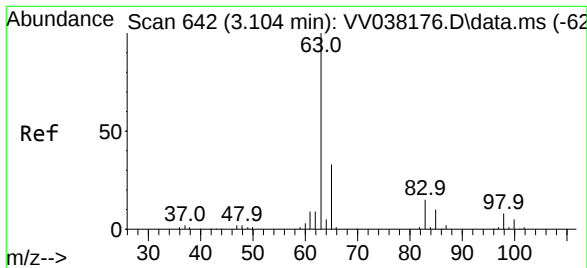
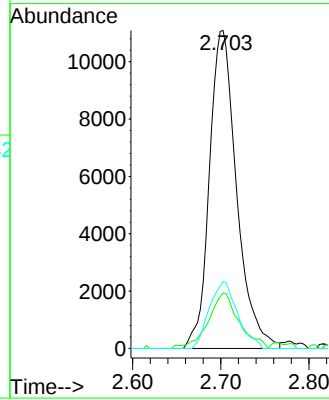
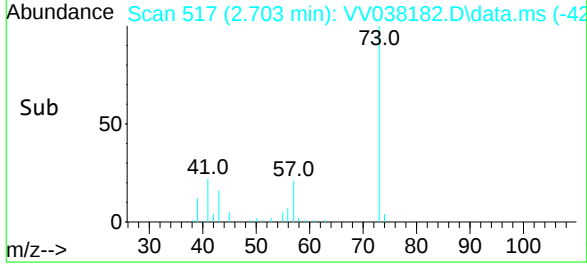


#17
Methyl tert-butyl Ether
Concen: 0.626 ug/L
RT: 2.703 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

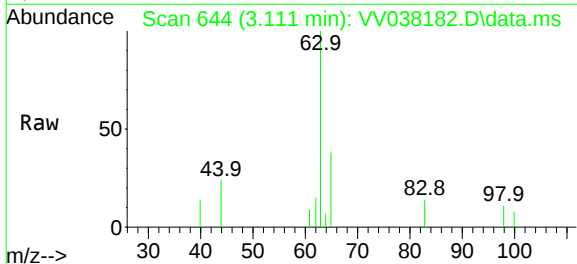
Instrument :
MSVOA_V
ClientSampleId :
BG3H1



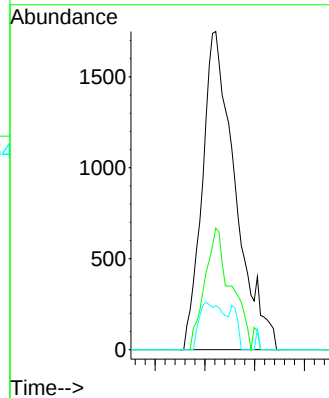
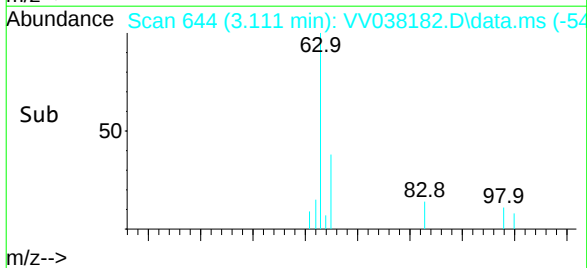
Tgt Ion: 73 Resp: 23815
Ion Ratio Lower Upper
73 100
43 19.7 14.2 21.2
57 21.7 17.6 26.4

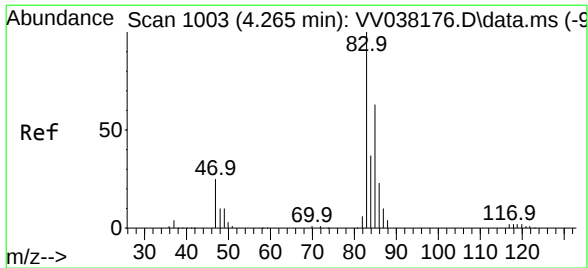


#19
1,1-Dichloroethane
Concen: 0.125 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19



Tgt Ion: 63 Resp: 4013
Ion Ratio Lower Upper
63 100
65 38.2 22.5 41.7
83 13.8 10.1 18.9

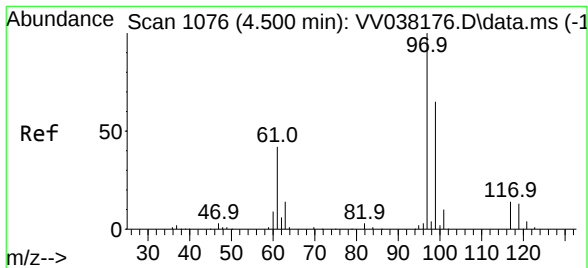
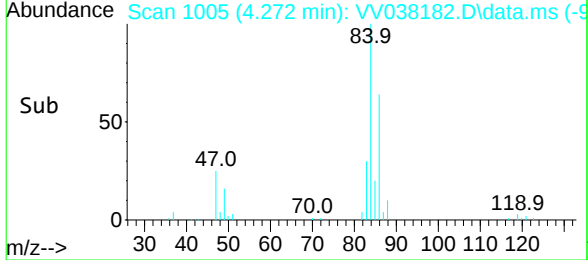
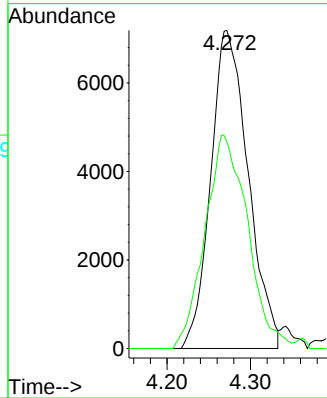
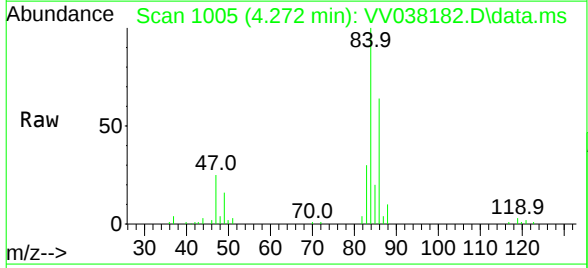




#25
Chloroform
Concen: 0.650 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

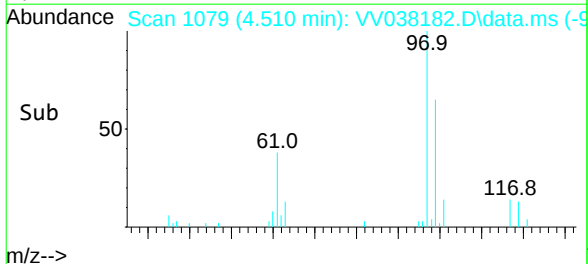
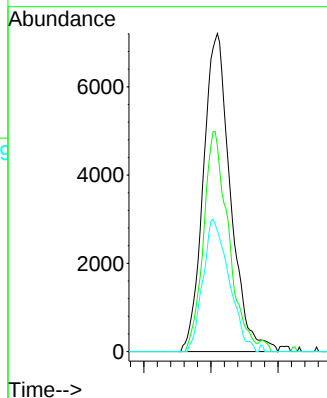
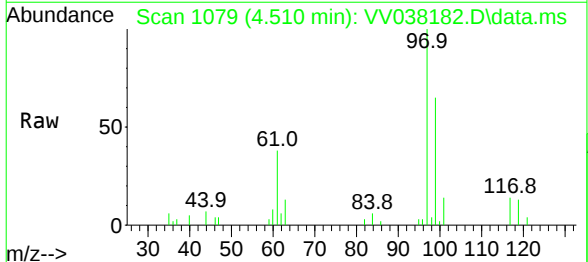
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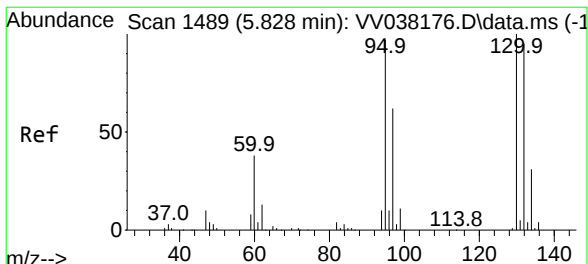
Tgt Ion:	83	Resp:	22378
Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.5	86.3



#29
1,1,1-Trichloroethane
Concen: 0.665 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.010 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

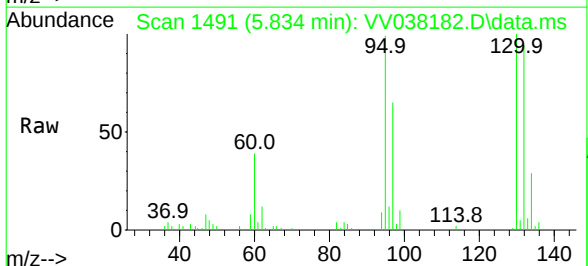
Tgt Ion:	97	Resp:	20271
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.8
61	39.8	32.2	48.2



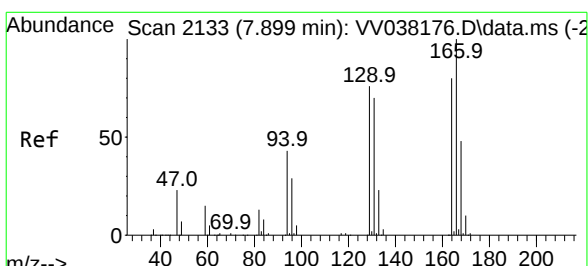
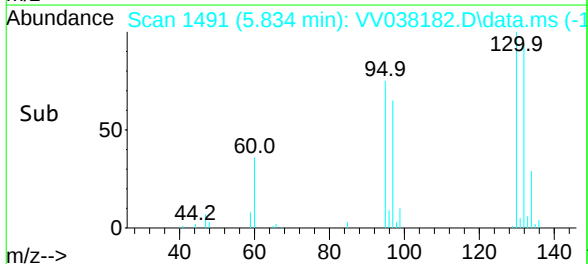
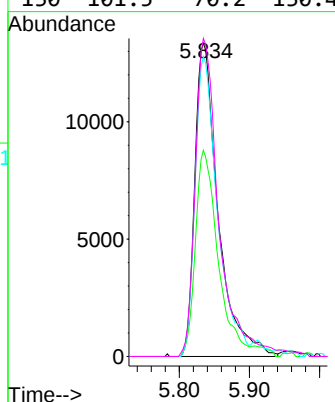


#34
 Trichloroethene
 Concen: 1.585 ug/L
 RT: 5.834 min Scan# 1489
 Delta R.T. 0.006 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

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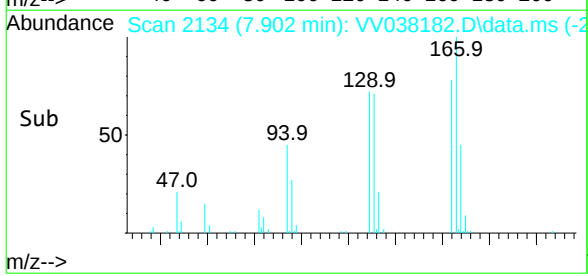
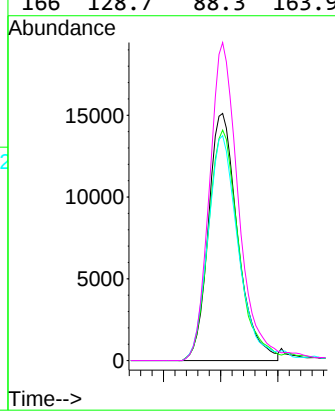
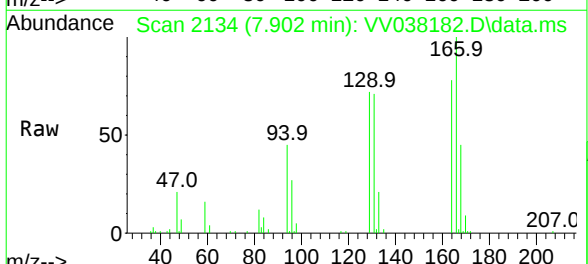


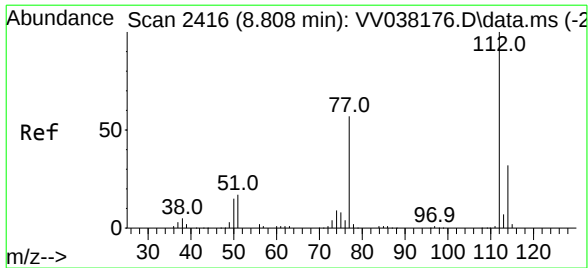
Tgt Ion:	95	Resp:	30856
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.8	83.2
132	95.7	68.3	126.8
130	101.5	70.2	130.4



#47
 Tetrachloroethene
 Concen: 1.720 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.003 min
 Lab File: VV038182.D
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Tgt Ion:	164	Resp:	26915
Ion	Ratio	Lower	Upper
164	100		
129	93.3	68.5	127.1
131	91.0	64.8	120.4
166	128.7	88.3	163.9





#51
 Chlorobenzene
 Concen: 0.144 ug/L
 RT: 8.815 min Scan# 2416
 Delta R.T. 0.006 min
 Lab File: VV038182.D
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Tgt Ion:	112	Resp:	7498
Ion	Ratio	Lower	Upper
112	100		
114	37.6	22.0	40.8
77	74.2	45.0	67.4

