

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038344.D
 Acq On : 25 Nov 2024 15:15
 Operator : SY/MD
 Sample : P4930-02DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG440DL

Quant Time: Nov 26 00:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

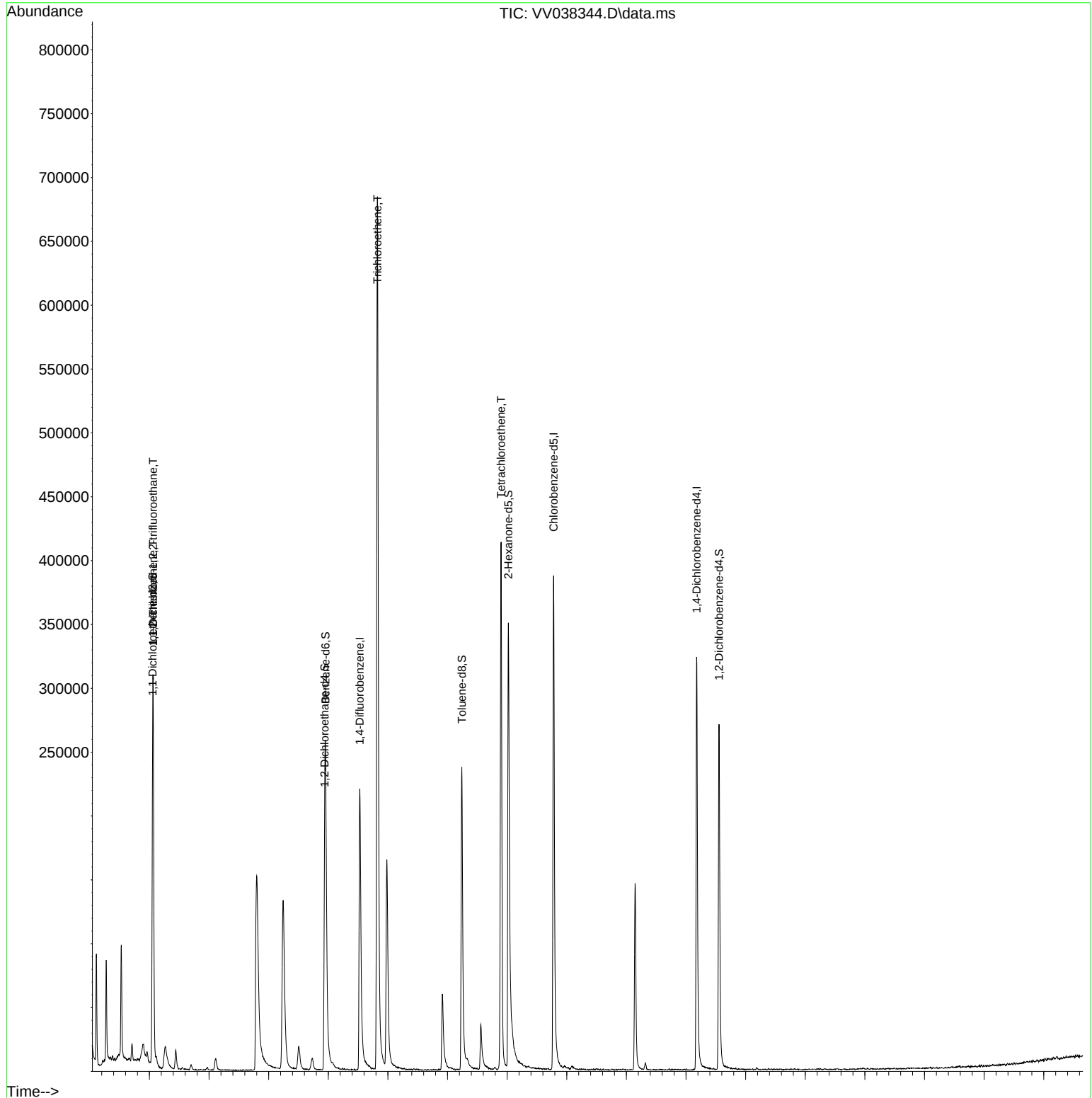
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	203997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	230443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	91332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49360	3.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.529	69	57881	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.053	65	24392	3.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.789	46	171332	54.775	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.540%
24) Chloroform-d	4.243	84	147205	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.937	65	73931	5.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.953	84	237046	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	5.982	67	85226	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.239	98	176799	3.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	7.558	79	25967	3.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.021	63	131206	49.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	76525	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	76985	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	4840	0.251	ug/L	98
9) Trichlorofluoromethane	1.709	101	7413	0.277	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	16601	1.085	ug/L	97
12) 1,1-Dichloroethene	2.063	96	48642	3.338	ug/L	96
16) Methylene chloride	2.442	84	6560	0.395	ug/L	97
19) 1,1-Dichloroethane	3.111	63	10112	0.363	ug/L	94
22) cis-1,2-Dichloroethene	3.809	96	43155	2.719	ug/L	94
25) Chloroform	4.278	83	21846	0.733	ug/L	89
29) 1,1,1-Trichloroethane	4.506	97	15779	0.571	ug/L	94
31) Carbon tetrachloride	4.728	117	7263	0.298	ug/L	94
34) Trichloroethene	5.825	95	255261	14.466	ug/L	98
47) Tetrachloroethene	7.899	164	95299	6.721	ug/L	99

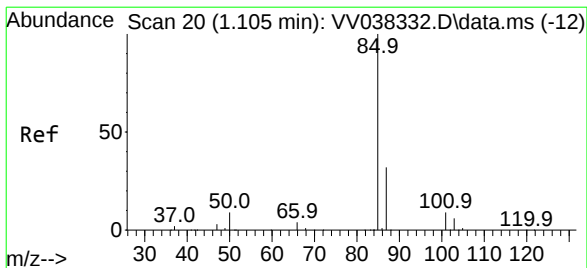
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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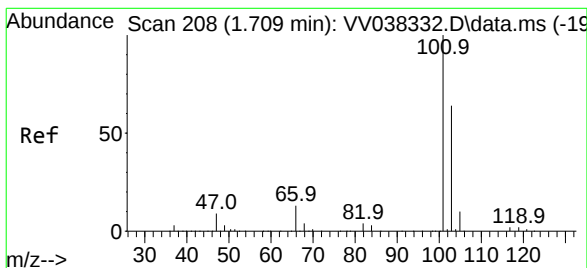
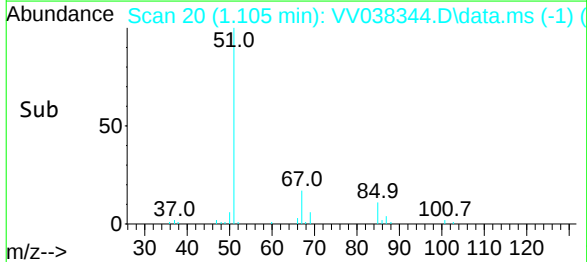
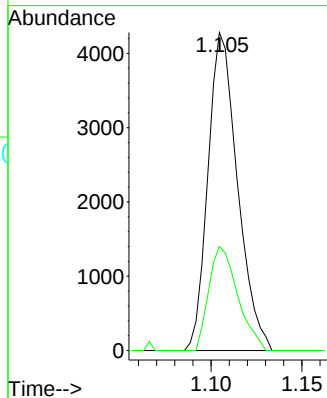
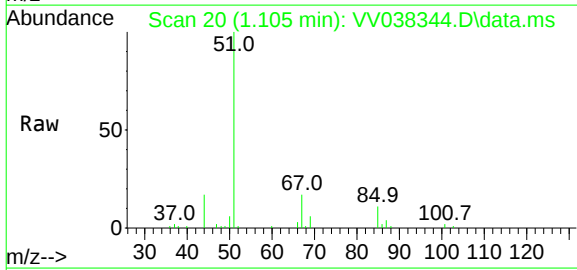




#2
Dichlorodifluoromethane
Concen: 0.251 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

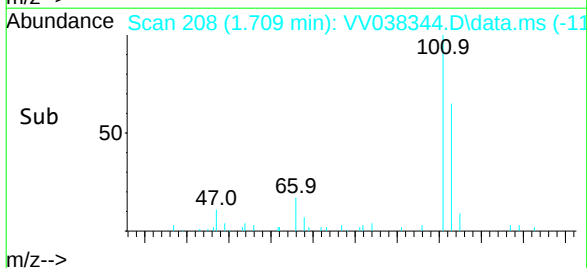
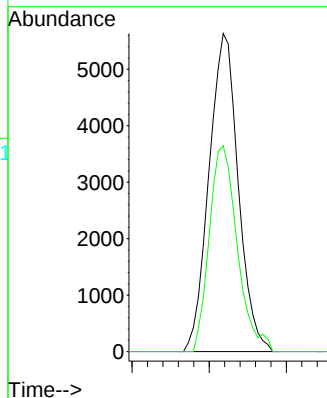
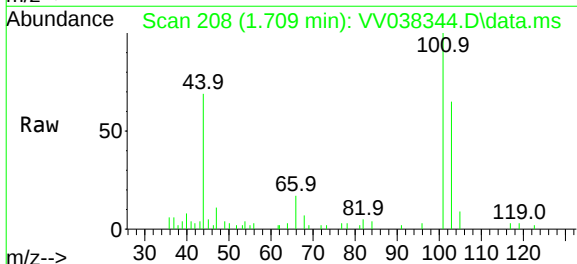
Instrument :
MSVOA_V
ClientSampleId :
BG440DL

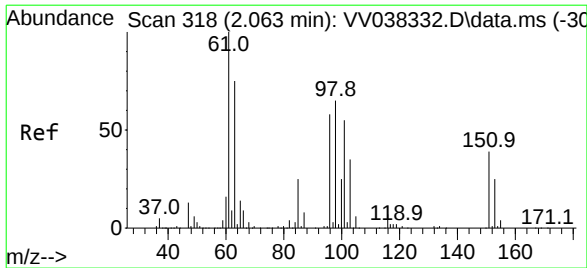
Tgt Ion: 85 Resp: 4840
Ion Ratio Lower Upper
85 100
87 32.0 26.5 39.7



#9
Trichlorofluoromethane
Concen: 0.277 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

Tgt Ion: 101 Resp: 7413
Ion Ratio Lower Upper
101 100
103 62.0 51.5 77.3

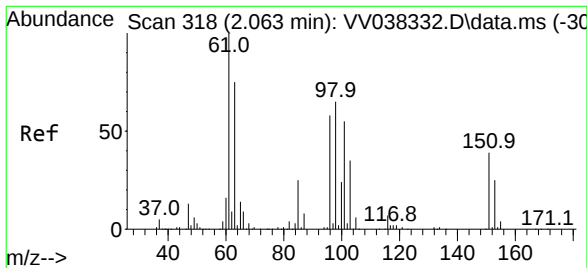
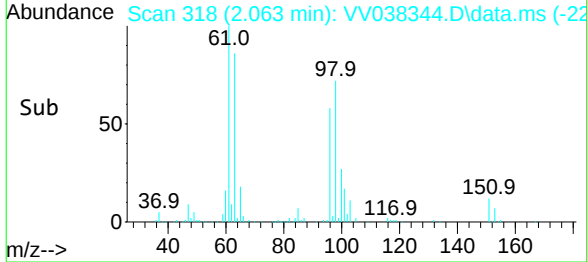
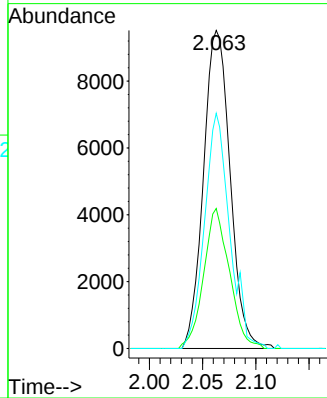
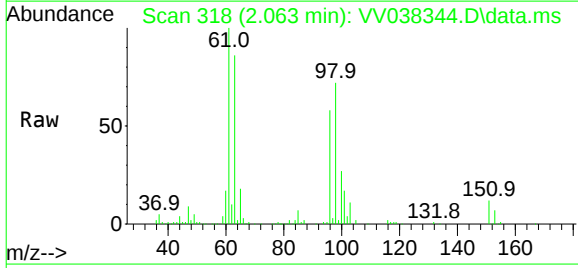




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.085 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

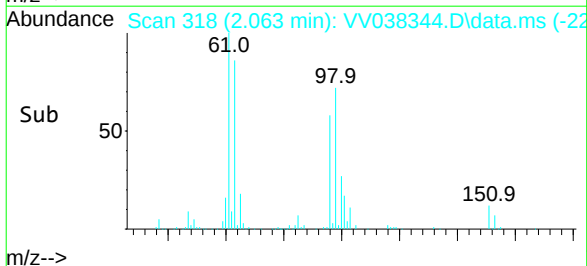
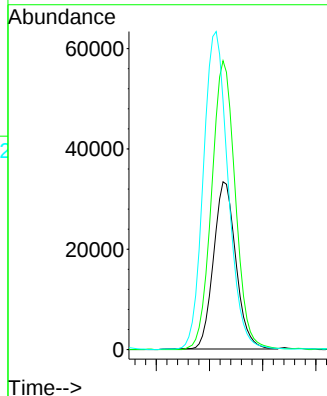
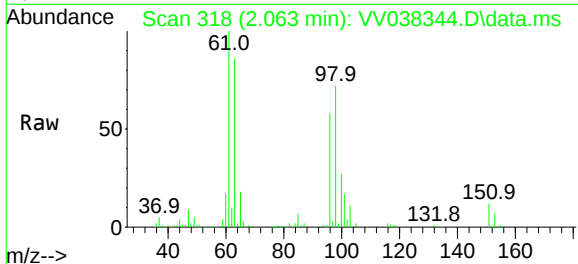
Instrument :
MSVOA_V
ClientSampleId :
BG440DL

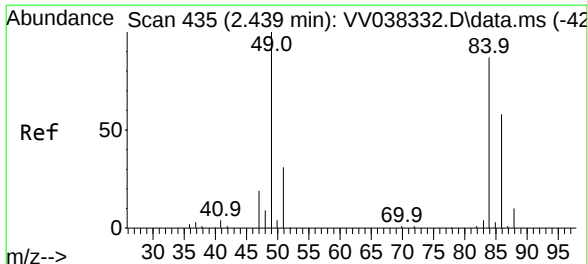
Tgt Ion:	101	Resp:	16601
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.4	50.0
151	70.0	58.8	88.2



#12
1,1-Dichloroethene
Concen: 3.338 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

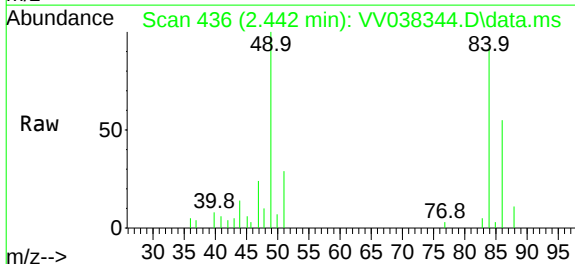
Tgt Ion:	96	Resp:	48642
Ion Ratio	Lower	Upper	
96	100		
61	172.1	115.7	214.9
63	148.5	101.1	187.7



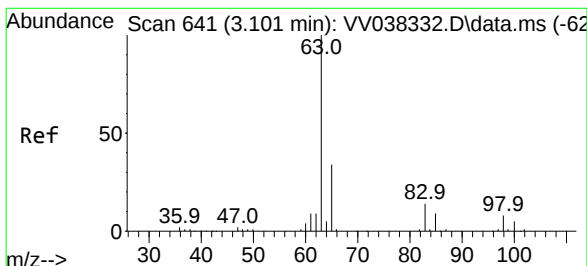
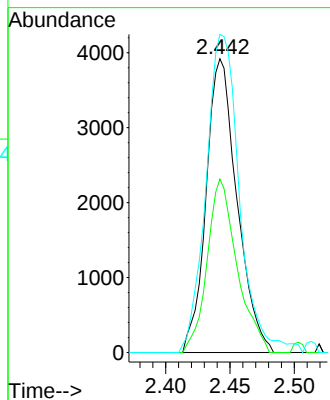
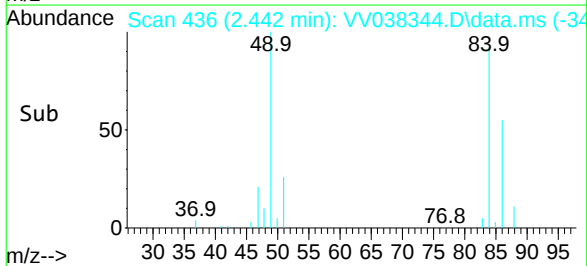


#16
Methylene chloride
Concen: 0.395 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

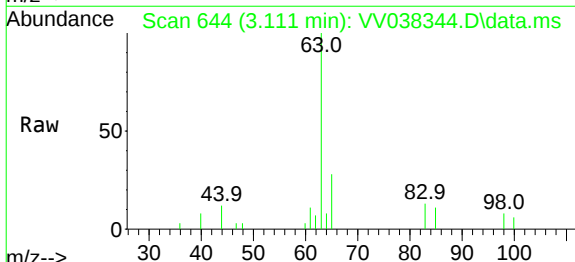
Instrument :
MSVOA_V
ClientSampleId :
BG440DL



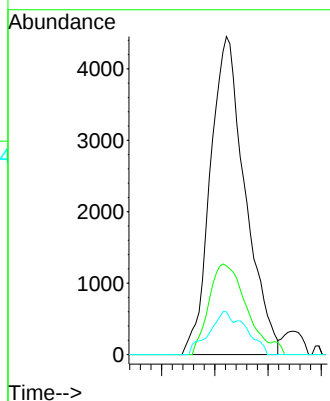
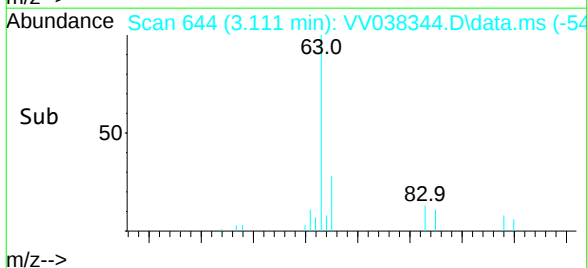
Tgt Ion: 84 Resp: 6560
Ion Ratio Lower Upper
84 100
86 59.0 44.2 82.2
49 108.3 74.9 139.1

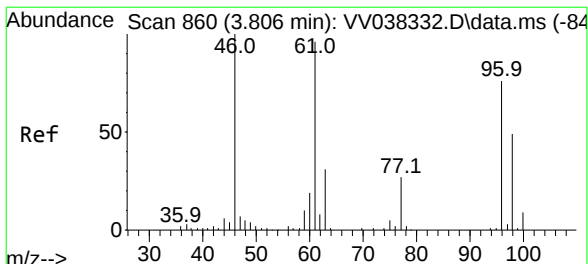


#19
1,1-Dichloroethane
Concen: 0.363 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15



Tgt Ion: 63 Resp: 10112
Ion Ratio Lower Upper
63 100
65 27.9 22.5 41.7
83 13.5 10.1 18.9

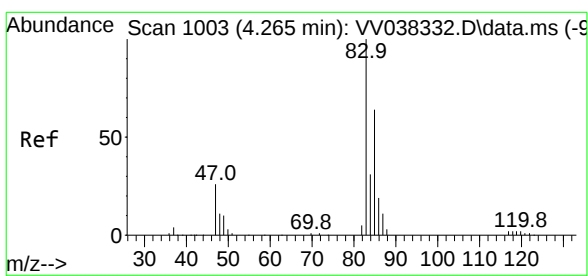
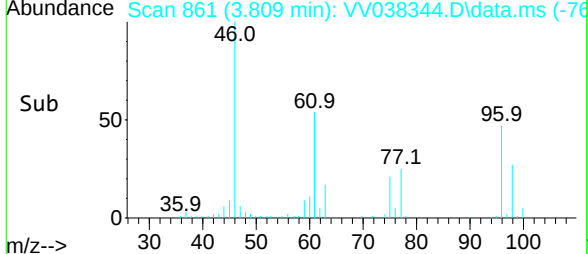
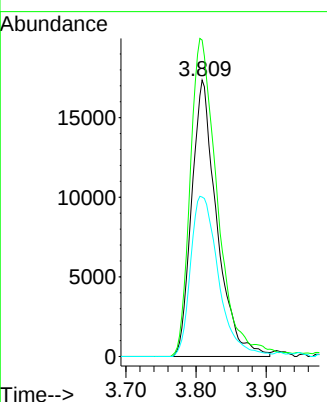
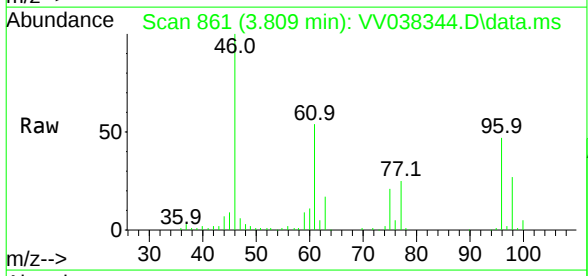




#22
 cis-1,2-Dichloroethene
 Concen: 2.719 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038344.D
 Acq: 25 Nov 2024 15:15

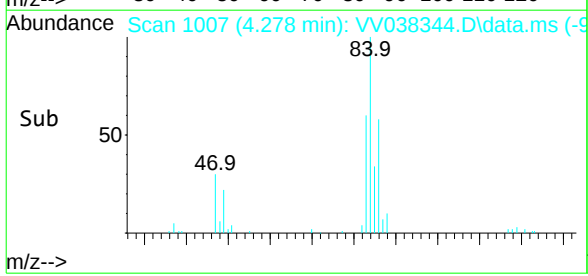
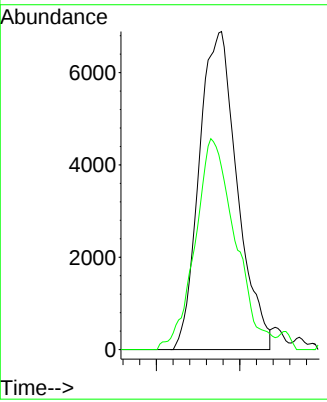
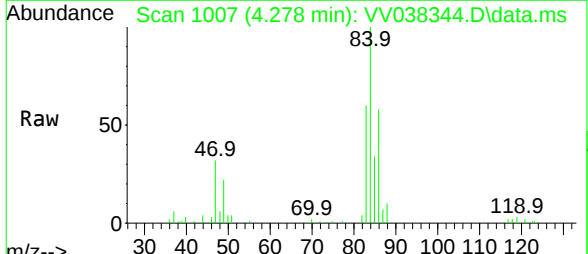
Instrument :
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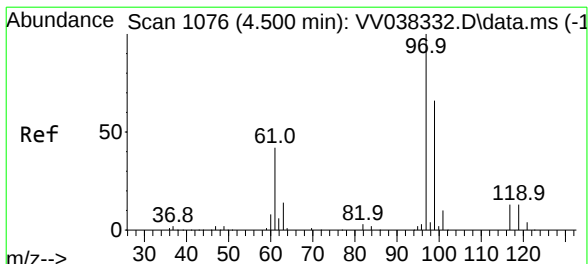
Tgt Ion:	96	Resp:	43155
Ion	Ratio	Lower	Upper
96	100		
61	114.5	82.7	153.5
98	57.7	46.3	85.9



#25
 Chloroform
 Concen: 0.733 ug/L
 RT: 4.278 min Scan# 1007
 Delta R.T. 0.013 min
 Lab File: VV038344.D
 Acq: 25 Nov 2024 15:15

Tgt Ion:	83	Resp:	21846
Ion	Ratio	Lower	Upper
83	100		
85	57.3	46.5	86.3

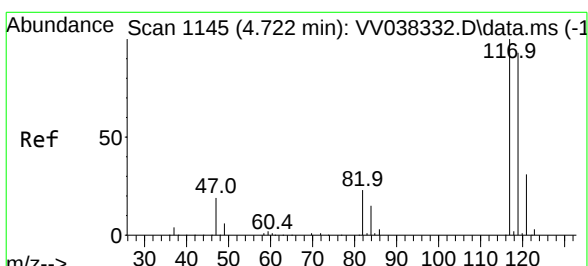
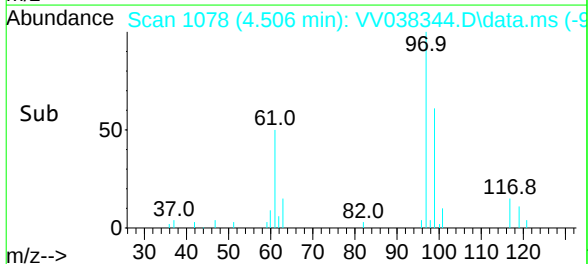
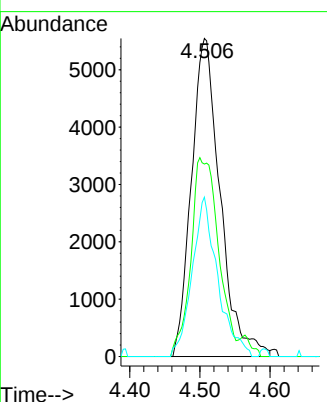
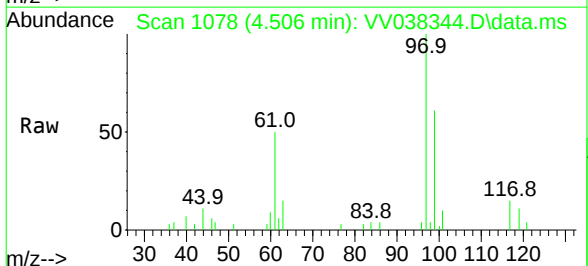




#29
1,1,1-Trichloroethane
Concen: 0.571 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

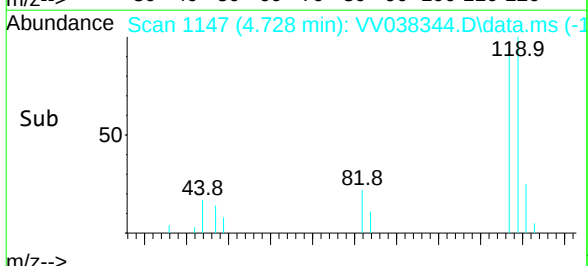
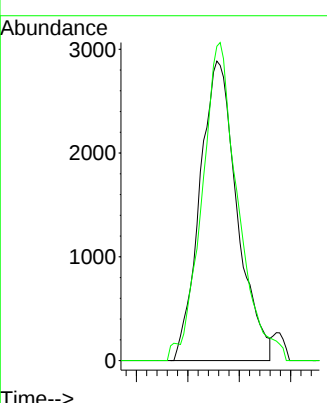
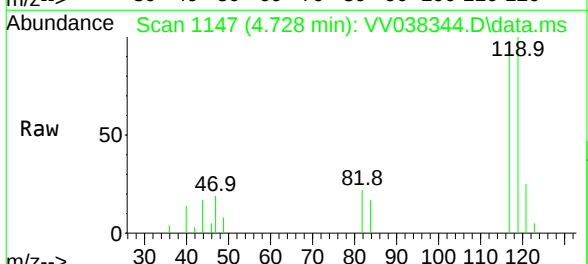
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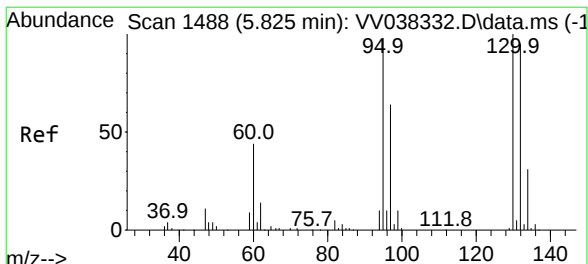
Tgt Ion:	97	Resp:	15779
Ion	Ratio	Lower	Upper
97	100		
99	60.1	51.8	77.8
61	44.5	32.2	48.2



#31
Carbon tetrachloride
Concen: 0.298 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

Tgt Ion:	117	Resp:	7263
Ion	Ratio	Lower	Upper
117	100		
119	102.6	77.4	116.2

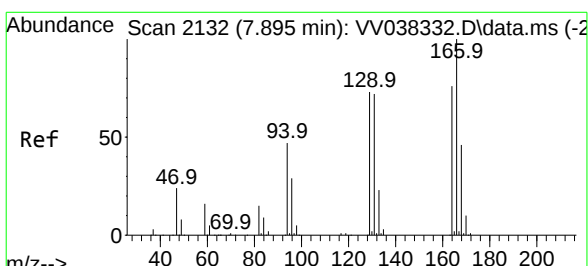
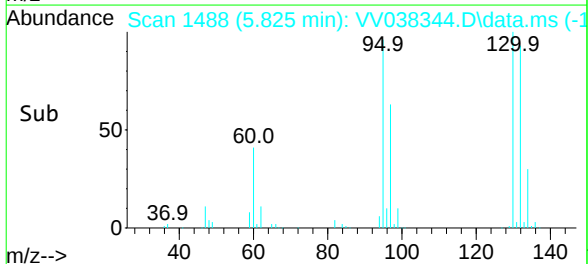
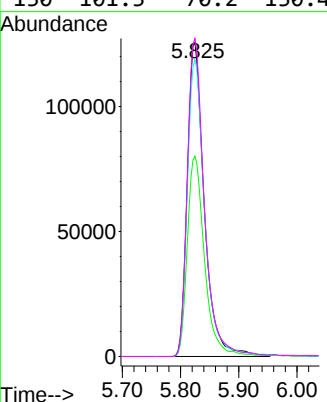
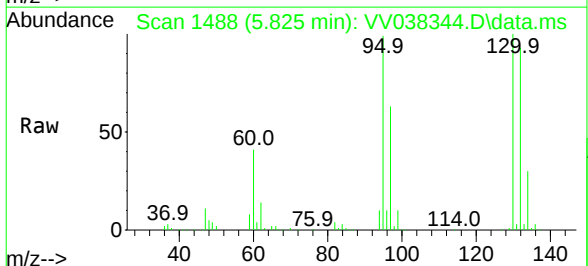




#34
 Trichloroethene
 Concen: 14.466 ug/L
 RT: 5.825 min Scan# 14
 Delta R.T. -0.000 min
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Tgt Ion:	95	Resp:	255261
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.8	83.2
132	94.6	68.3	126.8
130	101.3	70.2	130.4



#47
 Tetrachloroethene
 Concen: 6.721 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038344.D
 Acq: 25 Nov 2024 15:15

Tgt Ion:	164	Resp:	95299
Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.5	127.1
131	93.0	64.8	120.4
166	125.7	88.3	163.9

