

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038346.D
 Acq On : 25 Nov 2024 16:04
 Operator : SY/MD
 Sample : P4930-03DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG441DL

Quant Time: Nov 26 00:45:15 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)

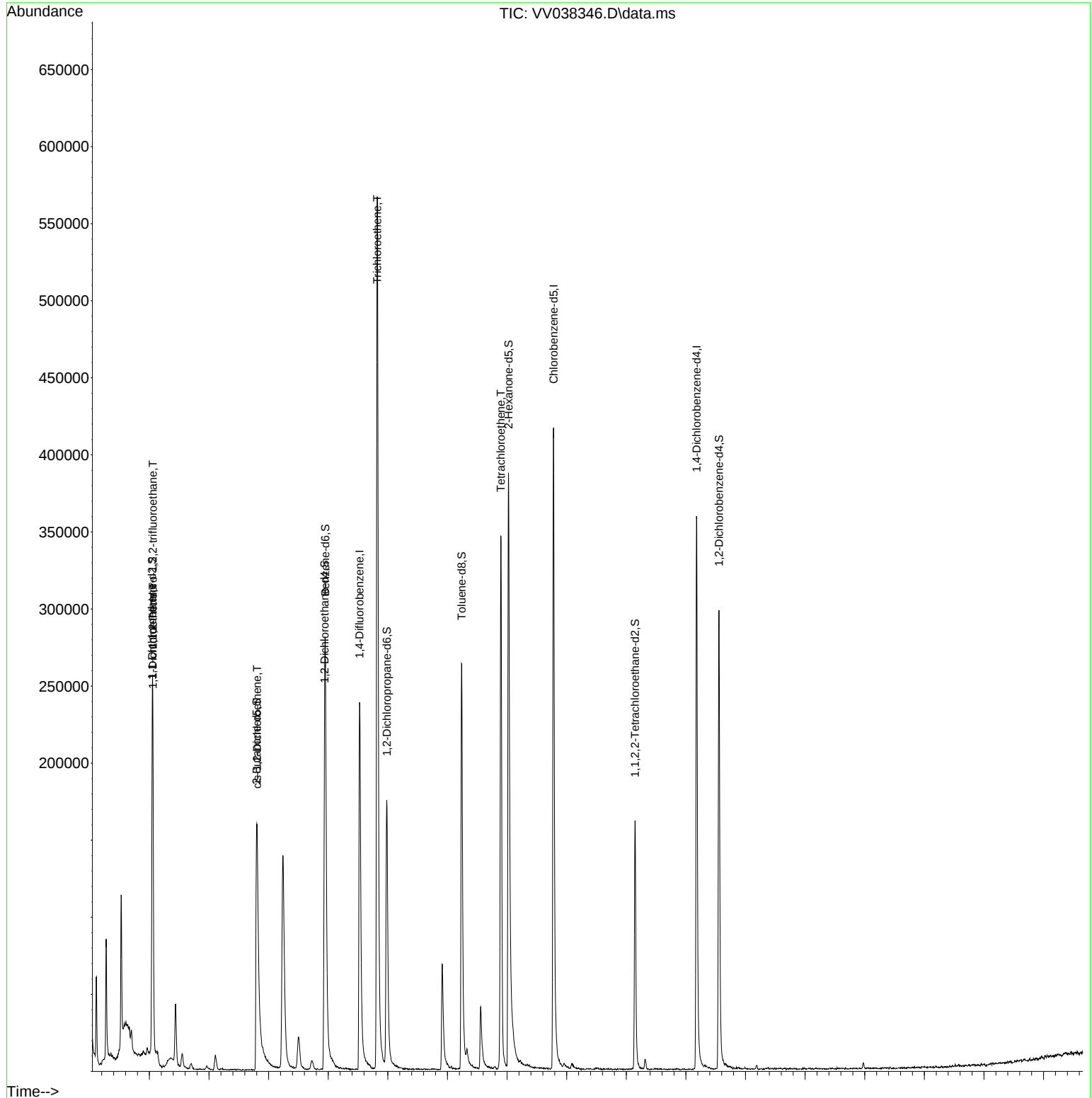
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	229270	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	247636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	102047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	53326	3.035	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.526	69	63521	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.047	65	26276	3.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.799	46	192844	54.856	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.720%
24) Chloroform-d	4.240	84	152224	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	4.937	65	77386	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.950	84	254930	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	5.982	67	92136	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.236	98	195736	3.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	7.555	79	28913	3.949	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.024	63	151805	53.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81283	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	81696	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
9) Trichlorofluoromethane	1.699	101	4797	0.159	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	8018	0.466	ug/L	97
12) 1,1-Dichloroethene	2.060	96	34923	2.133	ug/L	86
16) Methylene chloride	2.439	84	16598	0.889	ug/L	91
19) 1,1-Dichloroethane	3.105	63	10169	0.325	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	42966	2.409	ug/L	98
25) Chloroform	4.265	83	21786	0.650	ug/L	93
29) 1,1,1-Trichloroethane	4.503	97	18139	0.611	ug/L	95
31) Carbon tetrachloride	4.722	117	5138	0.196	ug/L	97
34) Trichloroethene	5.822	95	211861	11.173	ug/L	98
47) Tetrachloroethene	7.895	164	79731	5.233	ug/L	98

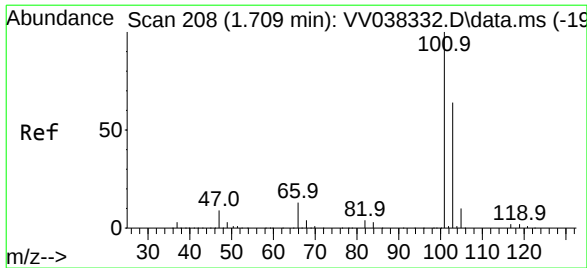
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.159 ug/L

RT: 1.699 min Scan# 208

Delta R.T. -0.010 min

Lab File: VV038346.D

Acq: 25 Nov 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

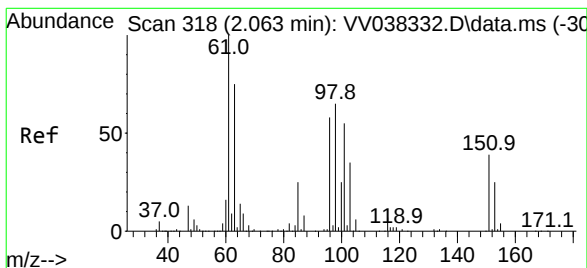
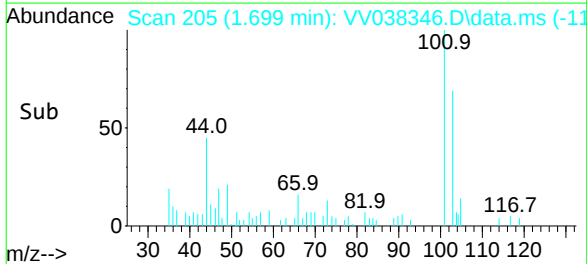
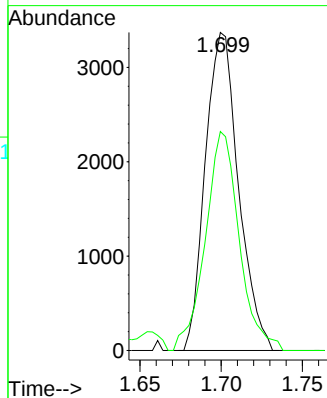
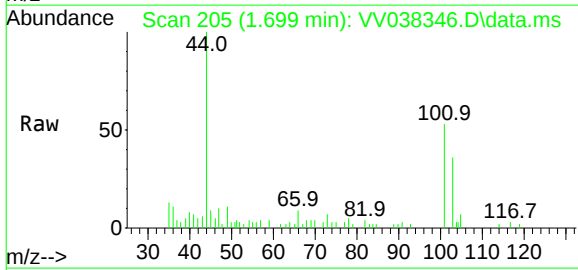
BG441DL

Tgt Ion:101 Resp: 4797

Ion Ratio Lower Upper

101 100

103 70.2 51.5 77.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.466 ug/L

RT: 2.056 min Scan# 316

Delta R.T. -0.006 min

Lab File: VV038346.D

Acq: 25 Nov 2024 16:04

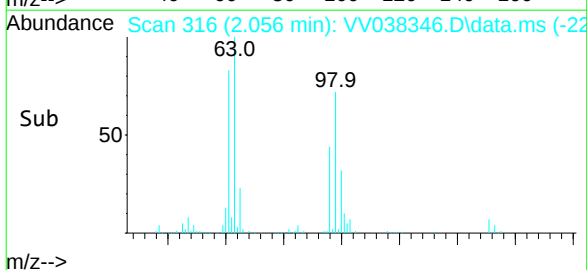
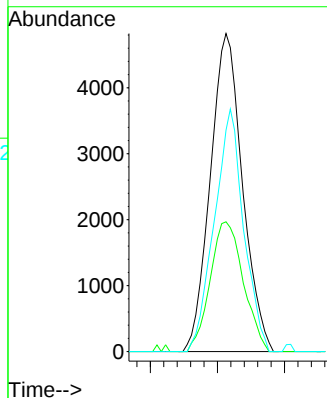
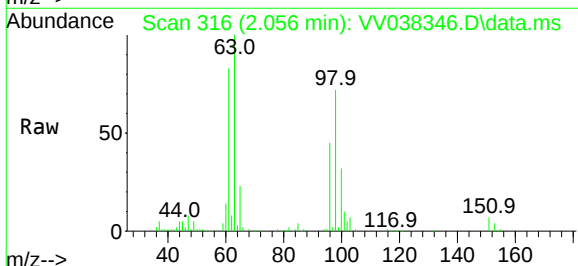
Tgt Ion:101 Resp: 8018

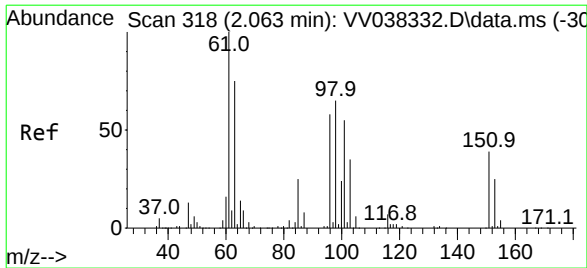
Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.0

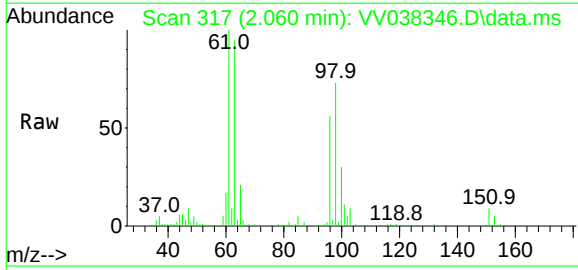
151 69.6 58.8 88.2



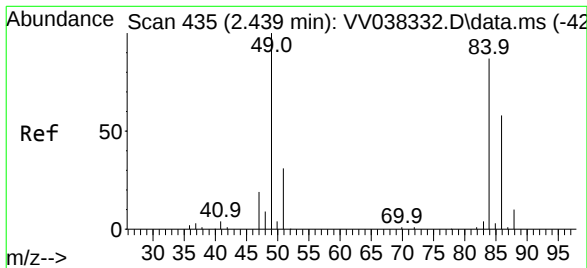
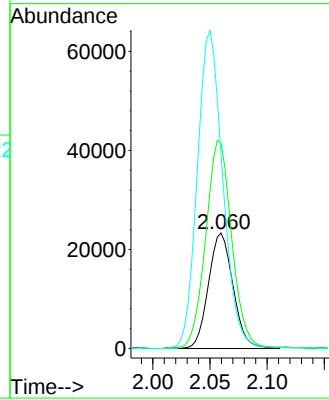
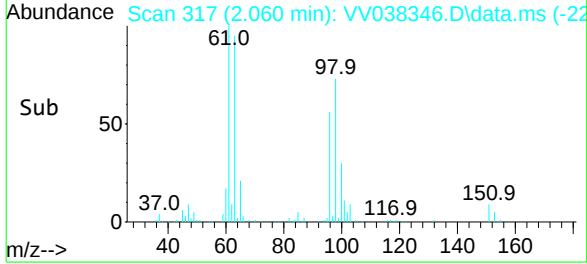


#12
1,1-Dichloroethene
Concen: 2.133 ug/L
RT: 2.060 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038346.D
Acq: 25 Nov 2024 16:04

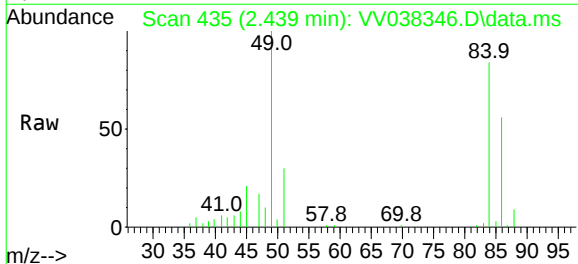
Instrument :
MSVOA_V
ClientSampleId :
BG441DL



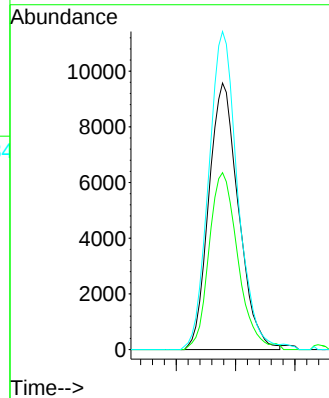
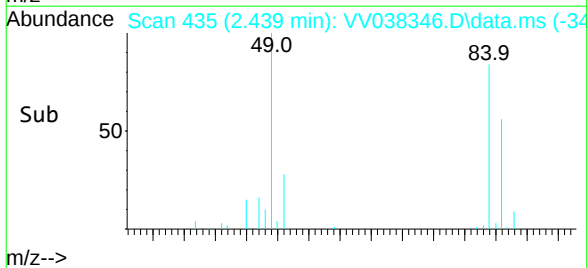
Tgt Ion: 96 Resp: 34923
Ion Ratio Lower Upper
96 100
61 177.8 115.7 214.9
63 169.1 101.1 187.7

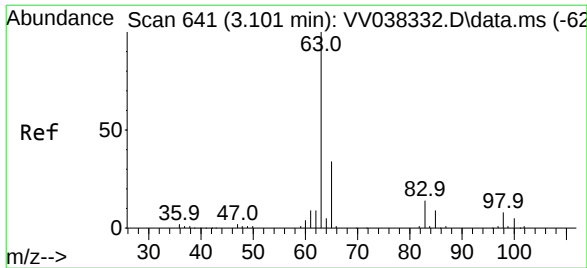


#16
Methylene chloride
Concen: 0.889 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038346.D
Acq: 25 Nov 2024 16:04



Tgt Ion: 84 Resp: 16598
Ion Ratio Lower Upper
84 100
86 66.4 44.2 82.2
49 119.3 74.9 139.1

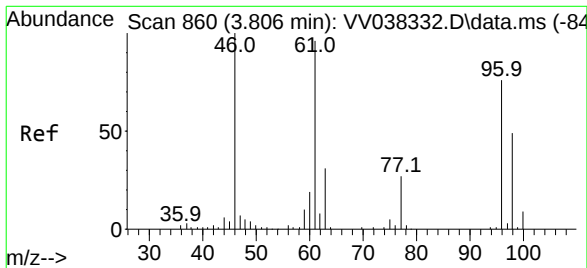
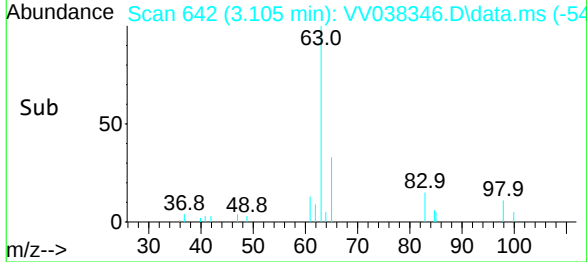
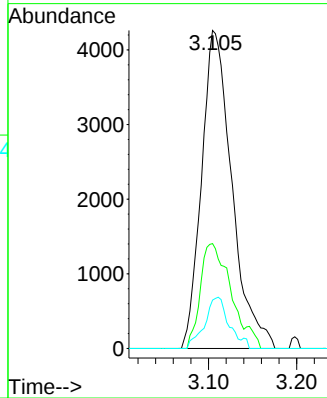
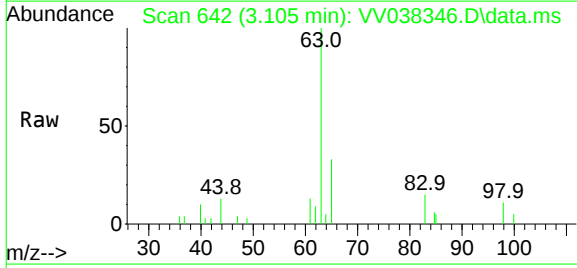




#19
1,1-Dichloroethane
Concen: 0.325 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038346.D
Acq: 25 Nov 2024 16:04

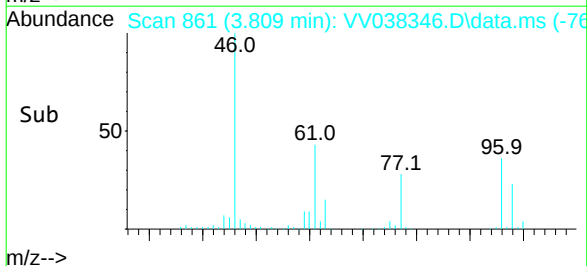
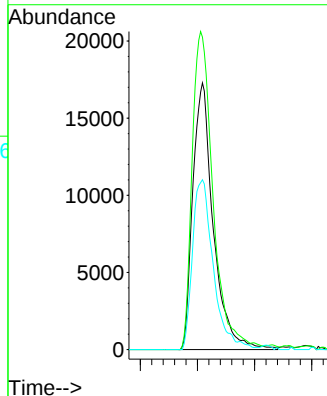
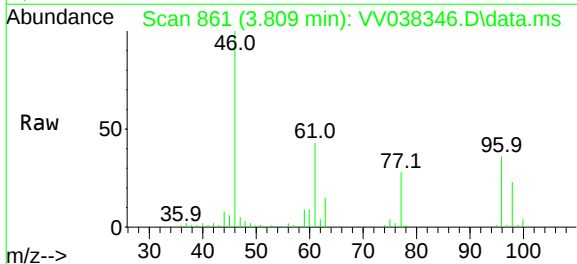
Instrument :
MSVOA_V
ClientSampleId :
BG441DL

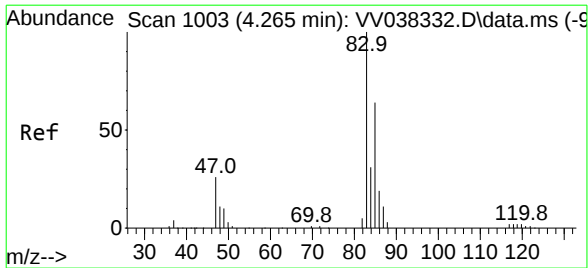
Tgt Ion:	63	Resp:	10169
Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.5	41.7
83	15.2	10.1	18.9



#22
cis-1,2-Dichloroethene
Concen: 2.409 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038346.D
Acq: 25 Nov 2024 16:04

Tgt Ion:	96	Resp:	42966
Ion	Ratio	Lower	Upper
96	100		
61	117.2	82.7	153.5
98	63.7	46.3	85.9

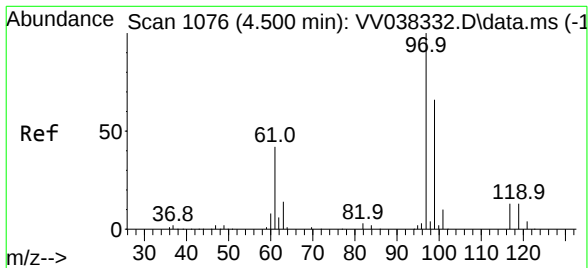
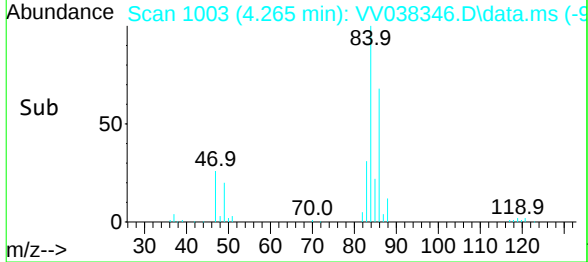
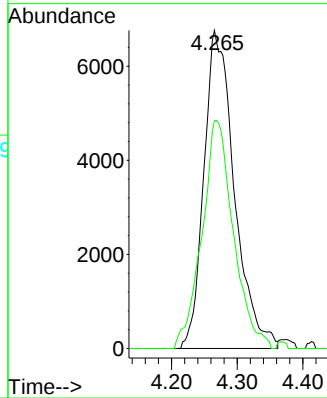
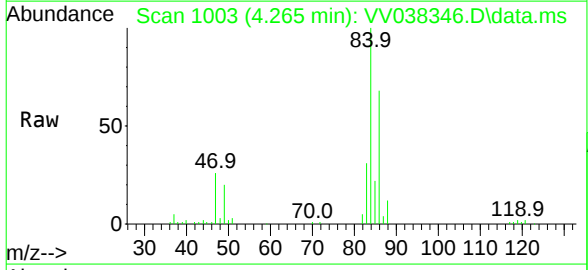




#25
Chloroform
Concen: 0.650 ug/L
RT: 4.265 min Scan# 10
Delta R.T. -0.000 min
Lab File: VV038346.D
Acq: 25 Nov 2024 16:04

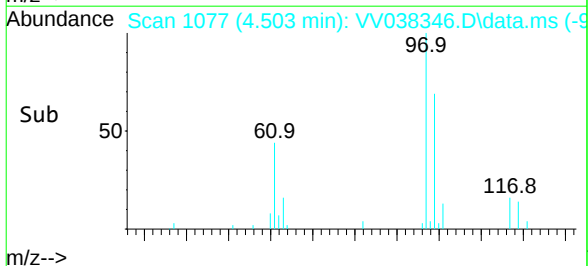
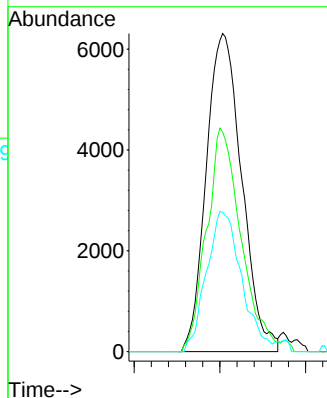
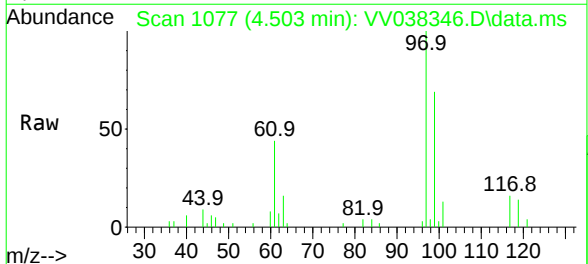
Instrument :
MSVOA_V
ClientSampleId :
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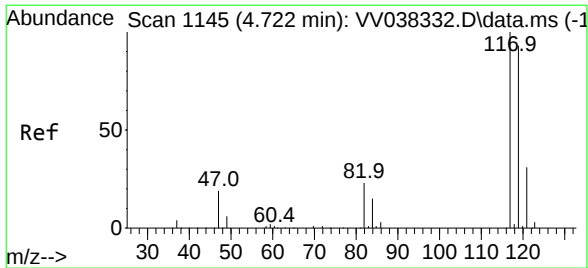
Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.6	46.5	86.3



#29
1,1,1-Trichloroethane
Concen: 0.611 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038346.D
Acq: 25 Nov 2024 16:04

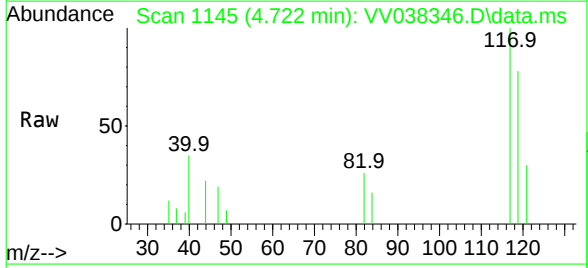
Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.0	51.8	77.8
61	43.4	32.2	48.2



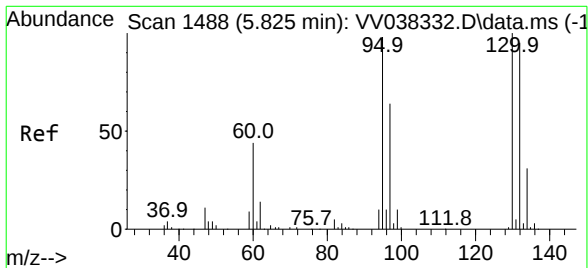
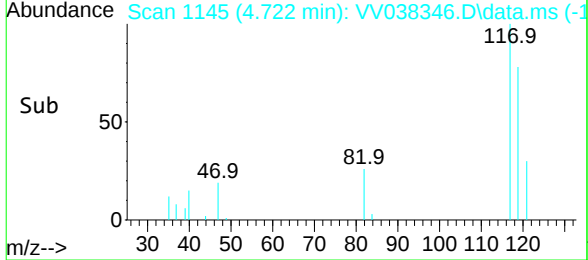
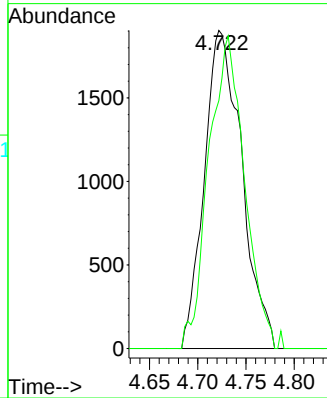


#31
Carbon tetrachloride
Concen: 0.196 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV038346.D
Acq: 25 Nov 2024 16:04

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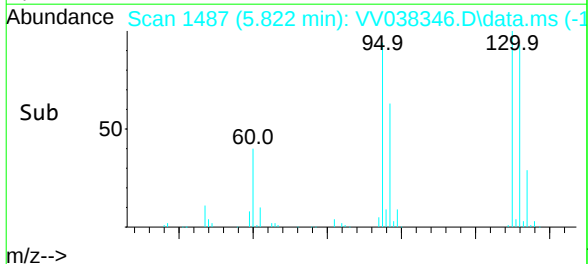
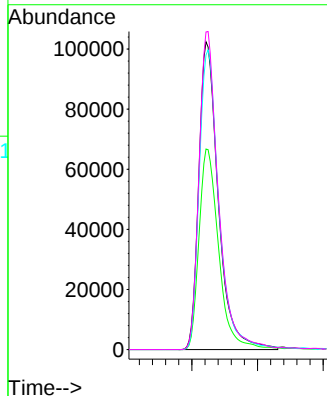
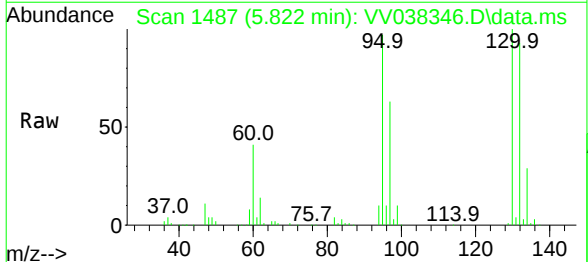


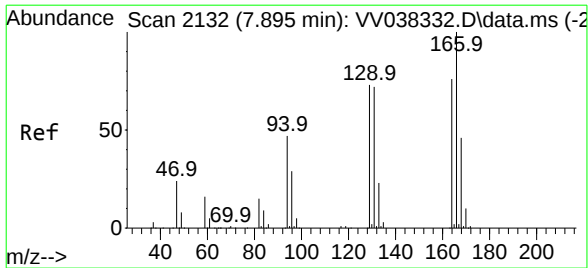
Tgt Ion: 117 Resp: 5138
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.2



#34
Trichloroethene
Concen: 11.173 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.003 min
Lab File: VV038346.D
Acq: 25 Nov 2024 16:04

Tgt Ion: 95 Resp: 211861
Ion Ratio Lower Upper
95 100
97 65.2 44.8 83.2
132 95.7 68.3 126.8
130 103.2 70.2 130.4





#47
 Tetrachloroethene
 Concen: 5.233 ug/L
 RT: 7.895 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV038346.D
 Acq: 25 Nov 2024 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 BG441DL

Tgt Ion:	164	Resp:	79731
Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.5	127.1
131	91.6	64.8	120.4
166	124.3	88.3	163.9

