

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038314.D
 Acq On : 23 Nov 2024 21:38
 Operator : SY/MD
 Sample : P4884-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M8

Quant Time: Nov 23 23:02:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

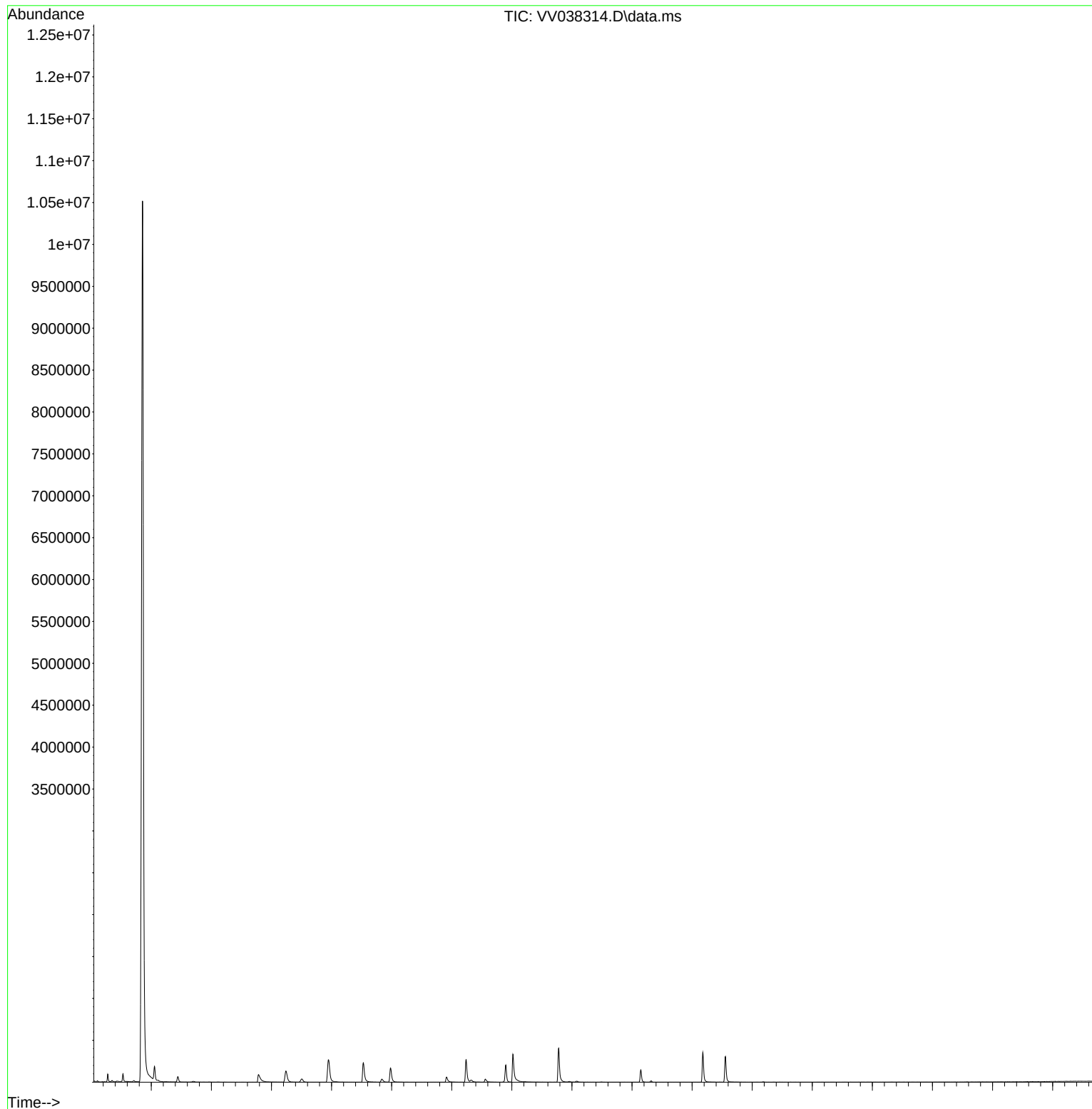
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	229595	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	248975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	103410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	55745	3.168	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.529	69	58023	4.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.053	65	25641	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.783	46	158823	45.115	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.220%
24) Chloroform-d	4.240	84	152510	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	4.937	65	74162	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.954	84	260250	4.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.982	67	89824	4.536	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.240	98	198044	3.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.558	79	28782	3.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.018	63	118979	41.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74927	4.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.555	152	89586	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	5841	0.269	ug/L	96
9) Trichlorofluoromethane	1.709	101	7506	0.249	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4351	0.253	ug/L #	86
16) Methylene chloride	2.442	84	28838	1.542	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	8240	0.222	ug/L #	88
29) 1,1,1-Trichloroethane	4.507	97	34748	1.164	ug/L	99
34) Trichloroethene	5.838	95	15006	0.787	ug/L	94
42) Toluene	7.323	91	22530	0.304	ug/L	93
47) Tetrachloroethene	7.899	164	48102	3.140	ug/L	96
51) Chlorobenzene	8.815	112	12210	0.239	ug/L	87
52) Ethylbenzene	8.957	91	6951	0.088	ug/L	91
53) m,p-Xylene	9.076	106	4405	0.149	ug/L	93
67) 1,2-Dichlorobenzene	11.574	146	4702	0.159	ug/L	91

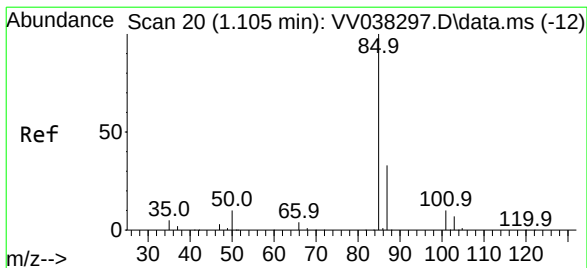
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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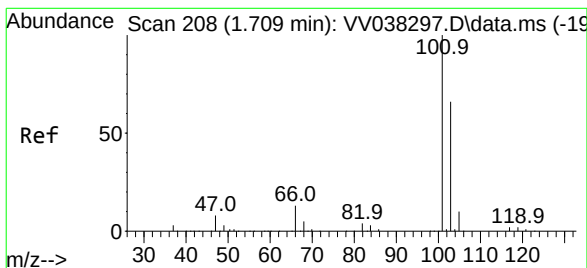
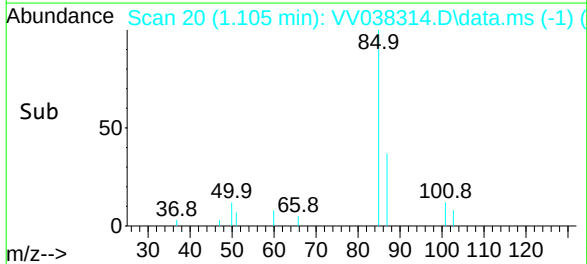
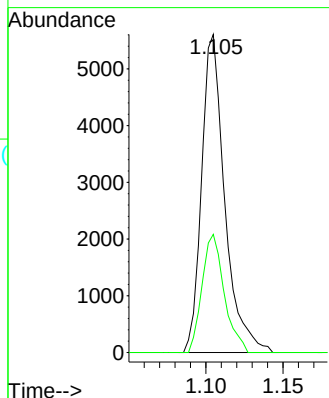
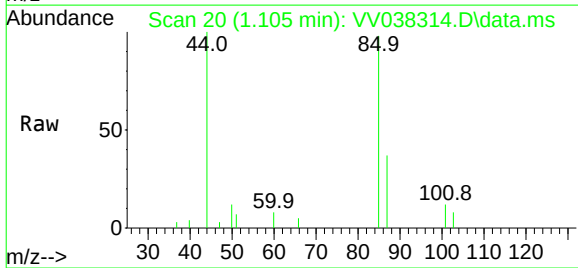




#2
Dichlorodifluoromethane
Concen: 0.269 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

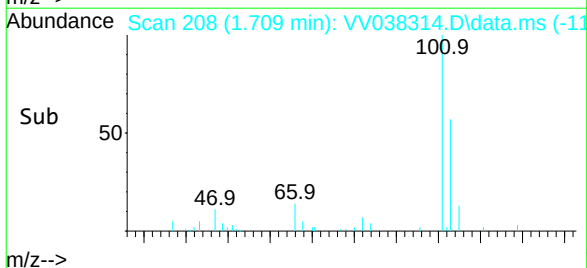
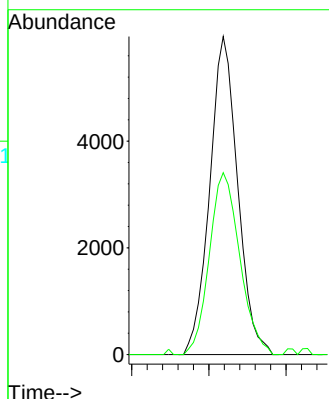
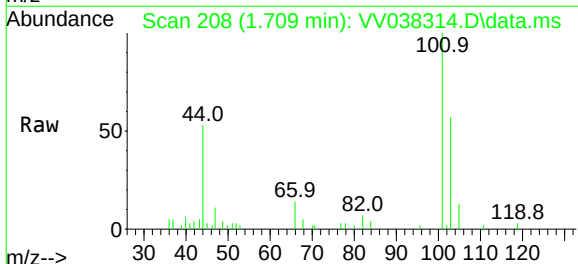
Instrument :
MSVOA_V
ClientSampleId :
BG3M8

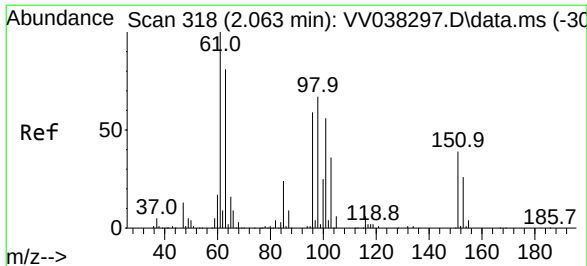
Tgt Ion: 85 Resp: 5841
Ion Ratio Lower Upper
85 100
87 35.6 26.5 39.7



#9
Trichlorofluoromethane
Concen: 0.249 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

Tgt Ion: 101 Resp: 7506
Ion Ratio Lower Upper
101 100
103 62.2 51.5 77.3

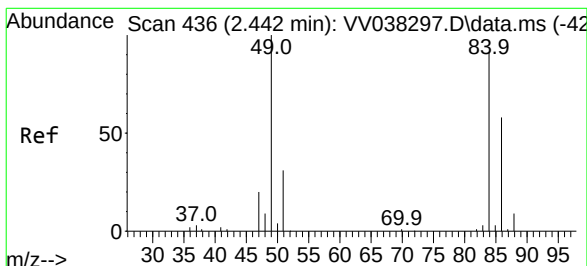
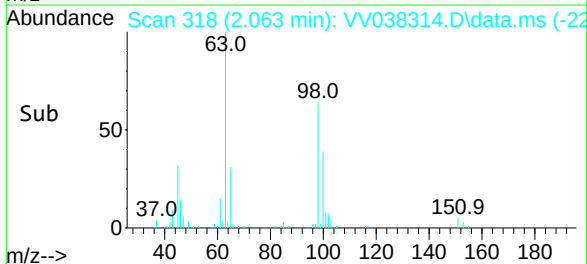
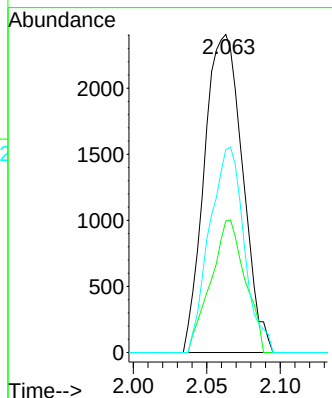
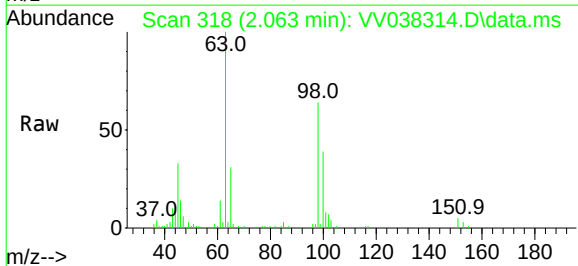




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.253 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

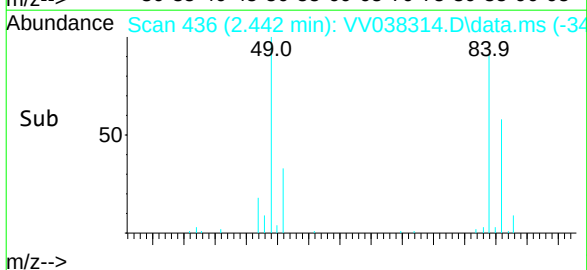
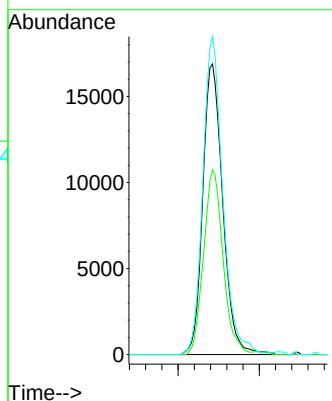
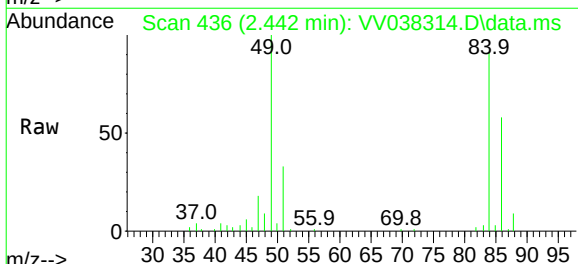
Instrument :
MSVOA_V
ClientSampleId :
BG3M8

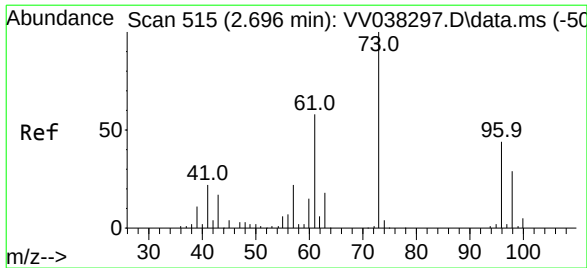
Tgt Ion:	101	Resp:	4351
Ion	Ratio	Lower	Upper
101	100		
85	37.4	33.4	50.0
151	58.5	58.8	88.2



#16
Methylene chloride
Concen: 1.542 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

Tgt Ion:	84	Resp:	28838
Ion	Ratio	Lower	Upper
84	100		
86	63.5	44.2	82.2
49	109.4	74.9	139.1

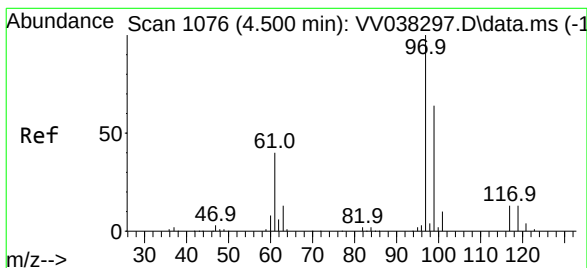
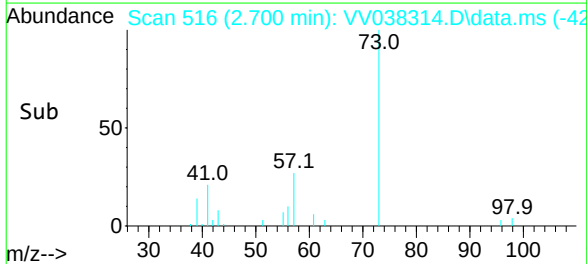
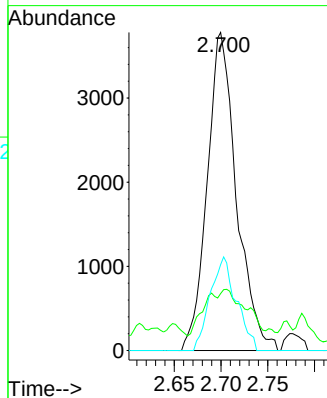
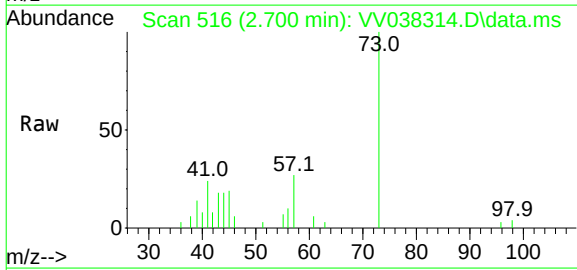




#17
Methyl tert-butyl Ether
Concen: 0.222 ug/L
RT: 2.700 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

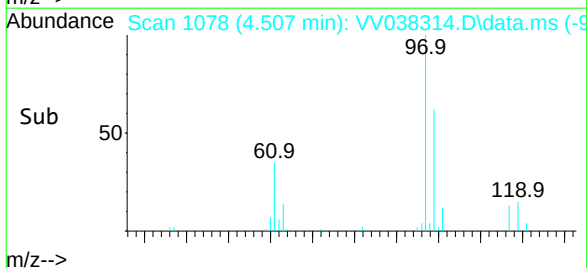
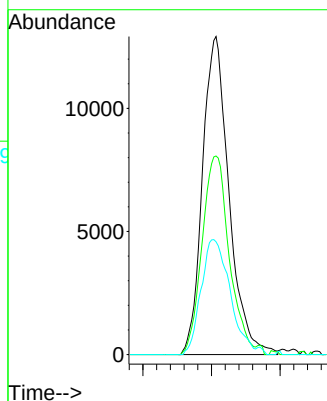
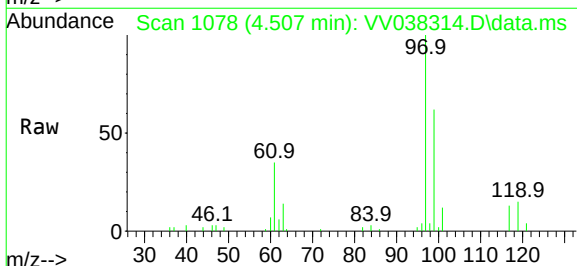
Instrument :
MSVOA_V
ClientSampleId :
BG3M8

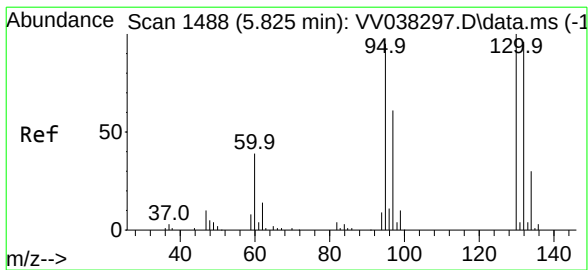
Tgt Ion:	73	Resp:	8240
Ion	Ratio	Lower	Upper
73	100		
43	10.4	14.2	21.2#
57	26.2	17.6	26.4



#29
1,1,1-Trichloroethane
Concen: 1.164 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

Tgt Ion:	97	Resp:	34748
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	39.4	32.2	48.2





#34

Trichloroethene

Concen: 0.787 ug/L

RT: 5.838 min Scan# 14

Delta R.T. 0.010 min

Lab File: VV038314.D

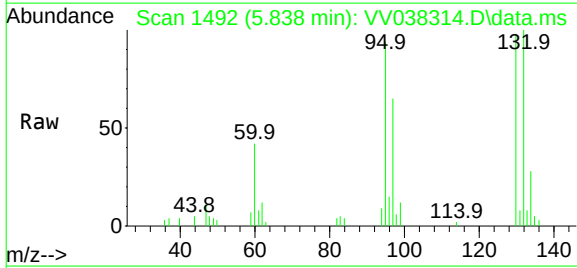
Acq: 23 Nov 2024 21:38

Instrument :

MSVOA_V

ClientSampleId :

BG3M8



Tgt Ion: 95 Resp: 15006

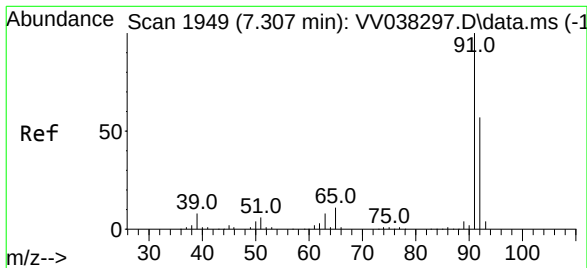
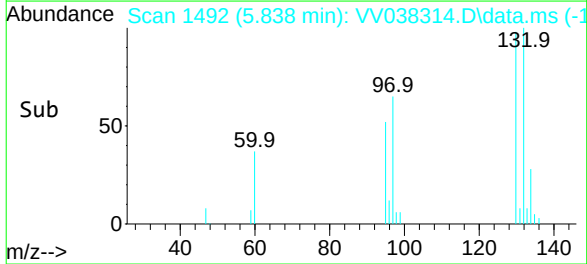
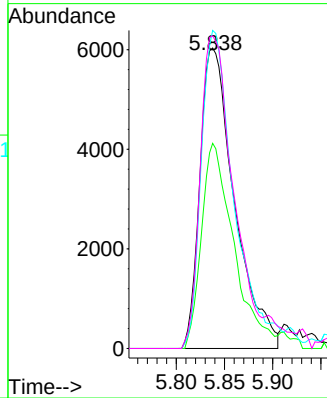
Ion Ratio Lower Upper

95 100

97 68.3 44.8 83.2

132 105.9 68.3 126.8

130 104.0 70.2 130.4



#42

Toluene

Concen: 0.304 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038314.D

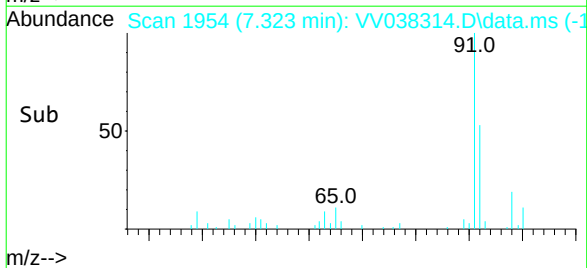
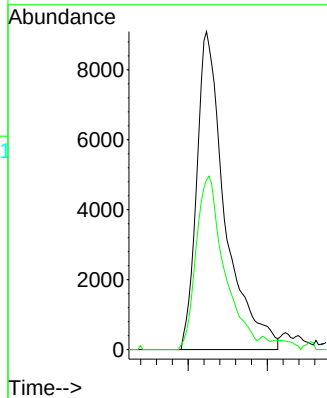
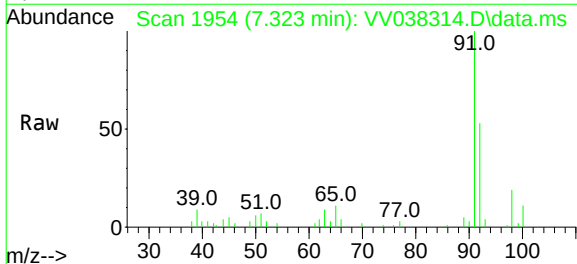
Acq: 23 Nov 2024 21:38

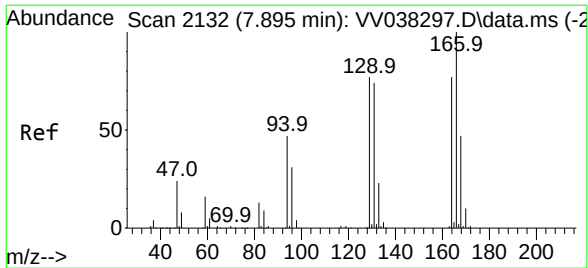
Tgt Ion: 91 Resp: 22530

Ion Ratio Lower Upper

91 100

92 53.4 40.8 75.8

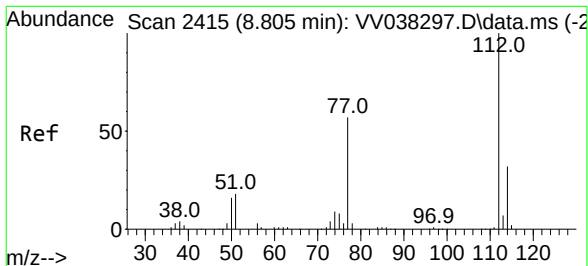
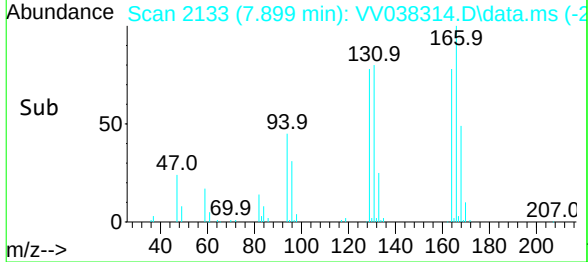
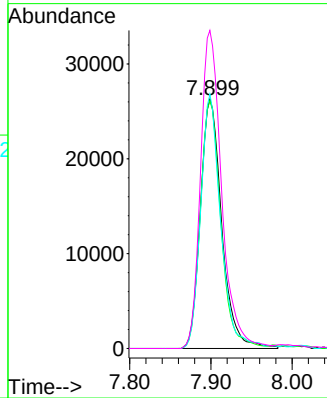
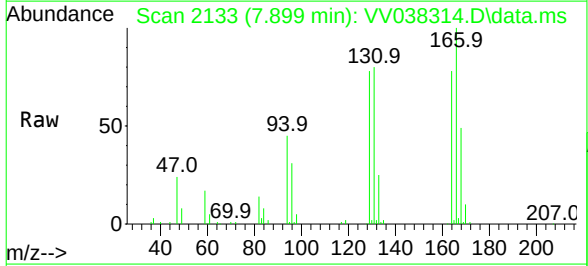




#47
Tetrachloroethene
Concen: 3.140 ug/L
RT: 7.899 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

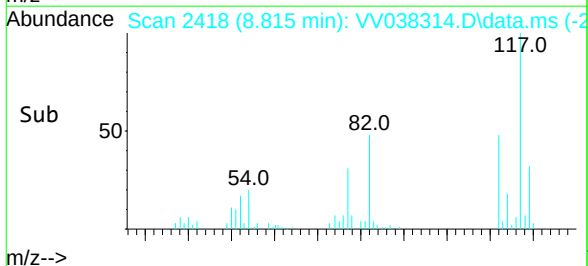
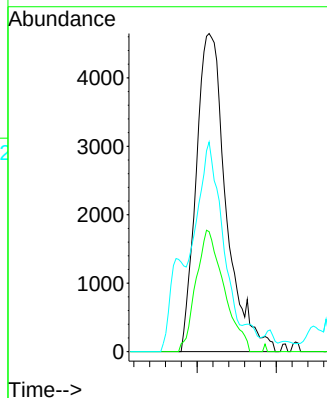
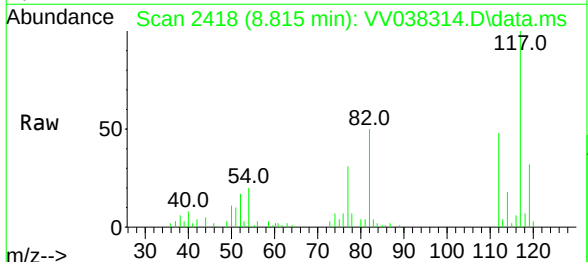
Instrument :
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ClientSampleId :
BG3M8

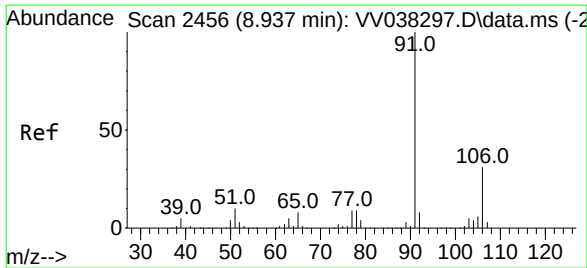
Tgt Ion:	164	Resp:	48102
Ion	Ratio	Lower	Upper
164	100		
129	99.4	68.5	127.1
131	102.0	64.8	120.4
166	127.5	88.3	163.9



#51
Chlorobenzene
Concen: 0.239 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

Tgt Ion:	112	Resp:	12210
Ion	Ratio	Lower	Upper
112	100		
114	37.7	22.0	40.8
77	65.9	45.0	67.4

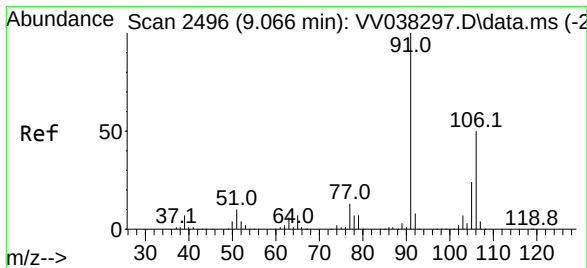
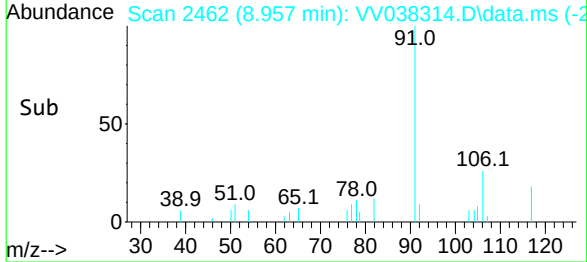
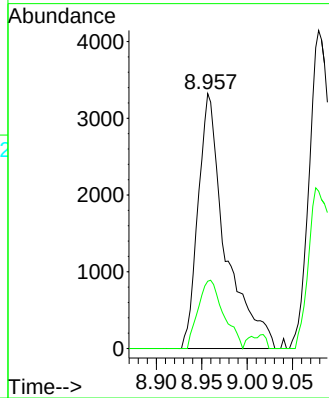
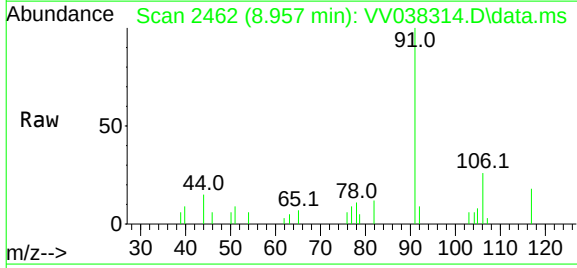




#52
Ethylbenzene
Concen: 0.088 ug/L
RT: 8.957 min Scan# 2456
Delta R.T. 0.020 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

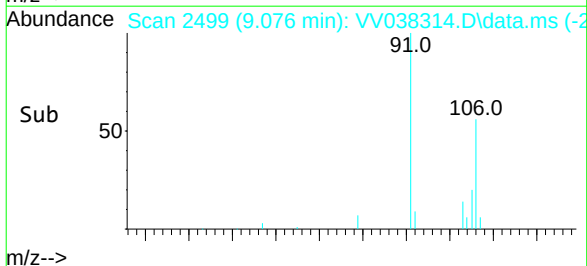
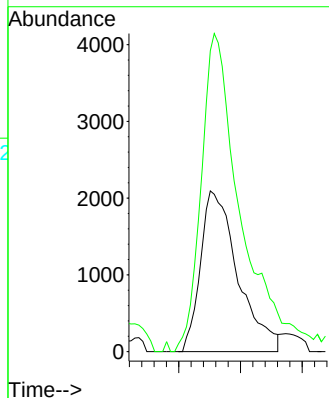
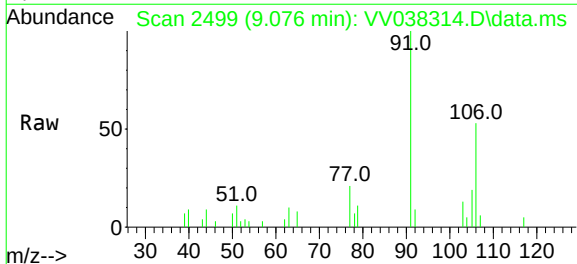
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BG3M8

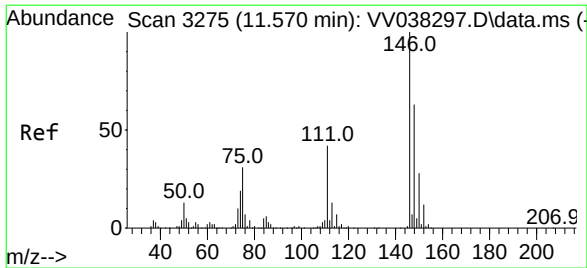
Tgt Ion: 91 Resp: 6951
Ion Ratio Lower Upper
91 100
106 26.4 21.8 40.4



#53
m,p-Xylene
Concen: 0.149 ug/L
RT: 9.076 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV038314.D
Acq: 23 Nov 2024 21:38

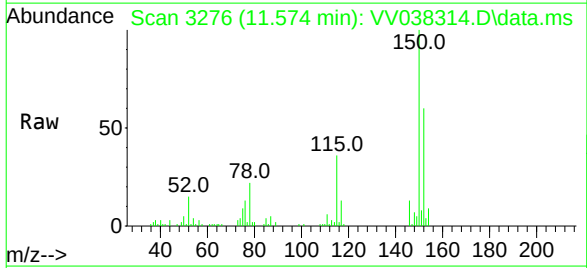
Tgt Ion: 106 Resp: 4405
Ion Ratio Lower Upper
106 100
91 187.2 138.7 257.5





#67
 1,2-Dichlorobenzene
 Concen: 0.159 ug/L
 RT: 11.574 min Scan# 32
 Delta R.T. 0.003 min
 Lab File: VV038314.D
 Acq: 23 Nov 2024 21:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M8



Tgt Ion:	146	Resp:	4702
Ion	Ratio	Lower	Upper
146	100		
111	45.4	34.2	51.2
148	54.1	51.0	76.4

