

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038181.D
 Acq On : 19 Nov 2024 16:55
 Operator : SY/MD
 Sample : P4882-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H0

Quant Time: Nov 20 00:36:10 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)

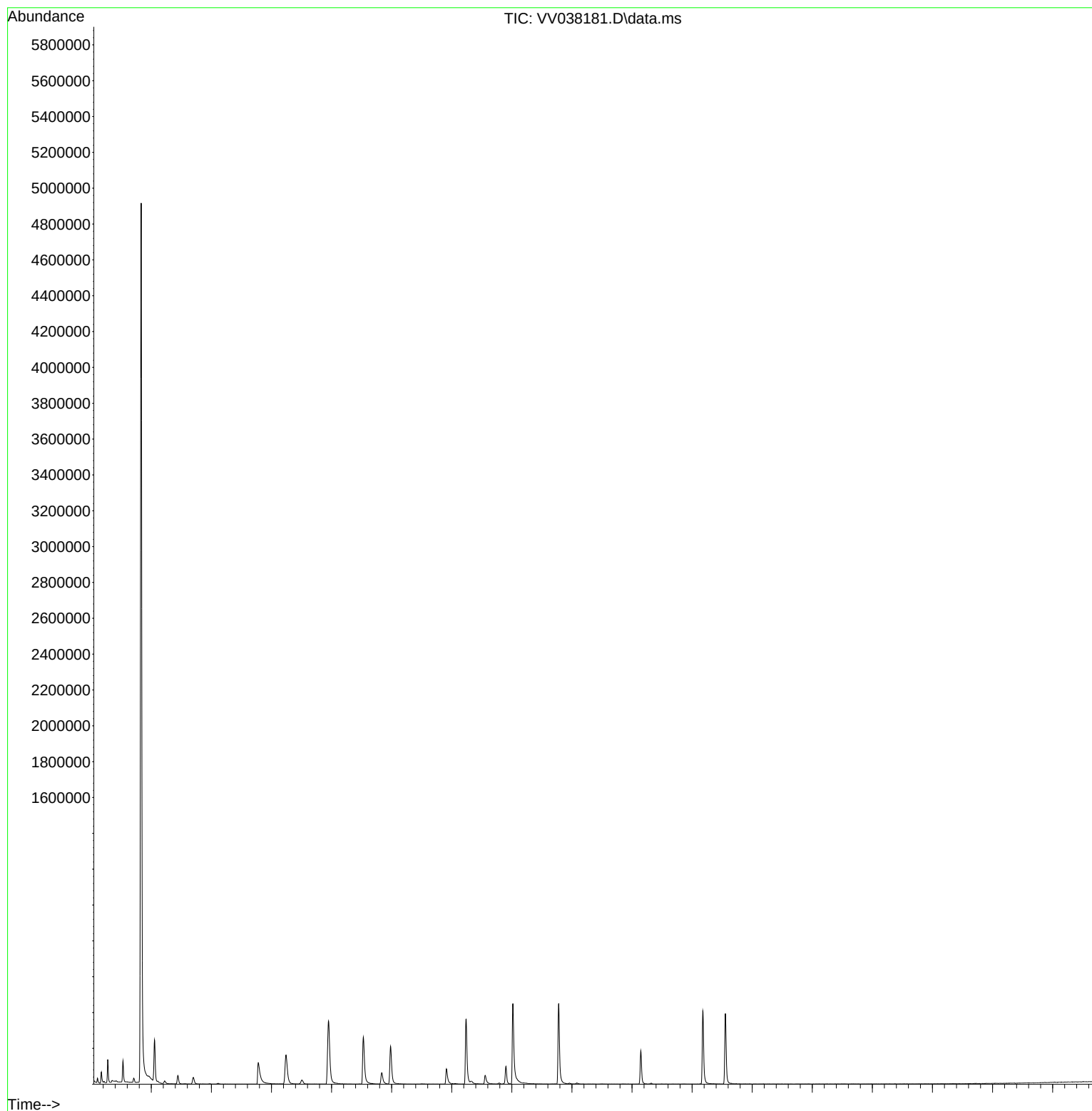
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	246650	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	268820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	118383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83087	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.529	69	78271	5.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.053	65	37485	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.780	46	198547	52.499	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	4.243	84	183059	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	4.937	65	94130	5.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	4.953	84	333314	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.982	67	109434	5.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.240	98	276375	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.558	79	37835	4.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.018	63	171892	55.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	94451	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	113888	5.646	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	14701	0.630	ug/L	100
3) Chloromethane	1.214	50	5035	0.251	ug/L	94
9) Trichlorofluoromethane	1.709	101	14155	0.437	ug/L	100
16) Methylene chloride	2.442	84	20899	1.040	ug/L	95
17) Methyl tert-butyl Ether	2.700	73	36335	0.912	ug/L	97
25) Chloroform	4.275	83	12185	0.338	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	19297	0.599	ug/L	98
34) Trichloroethene	5.838	95	26755	1.300	ug/L	96
42) Toluene	7.326	91	12989	0.162	ug/L	86
47) Tetrachloroethene	7.902	164	22697	1.372	ug/L	95

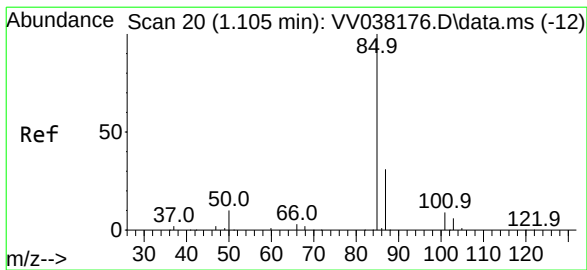
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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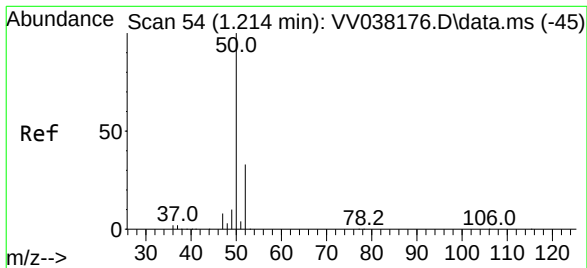
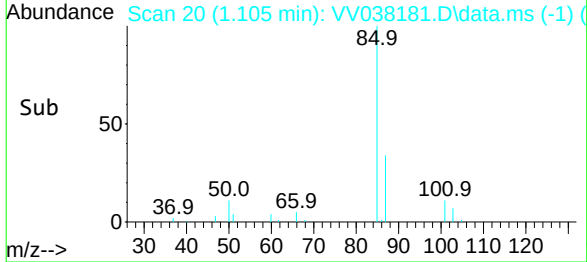
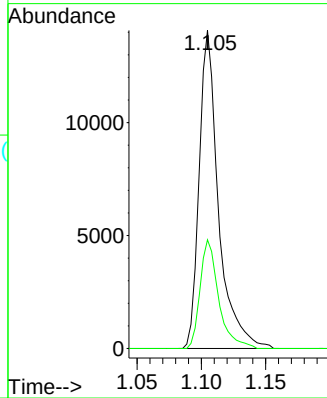
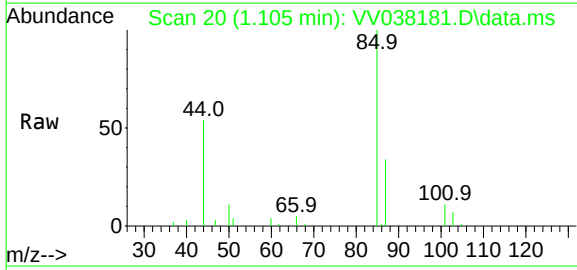




#2
 Dichlorodifluoromethane
 Concen: 0.630 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038181.D
 Acq: 19 Nov 2024 16:55

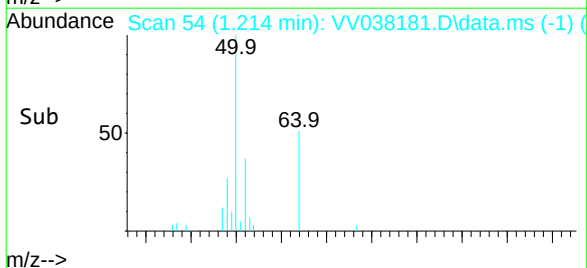
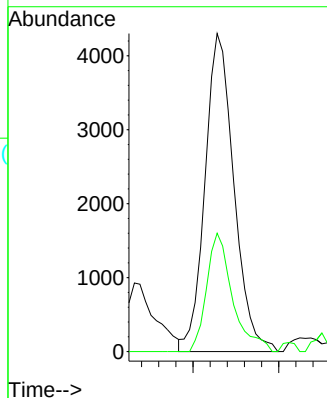
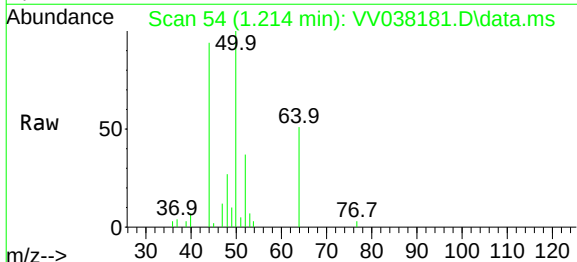
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H0

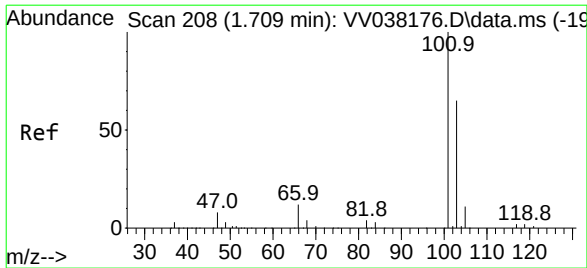
Tgt Ion: 85 Resp: 14701
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.5 39.7



#3
 Chloromethane
 Concen: 0.251 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038181.D
 Acq: 19 Nov 2024 16:55

Tgt Ion: 50 Resp: 5035
 Ion Ratio Lower Upper
 50 100
 52 37.2 23.5 43.7

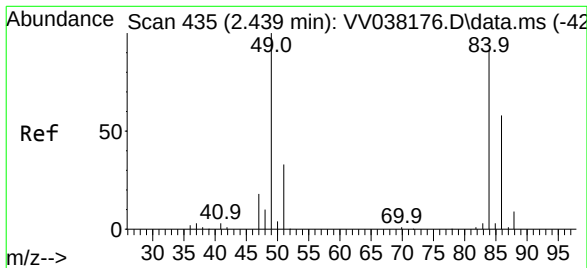
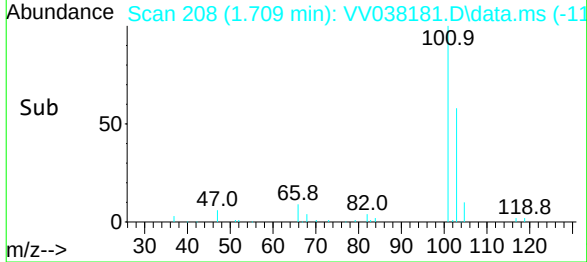
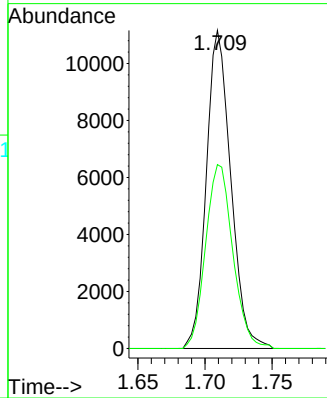
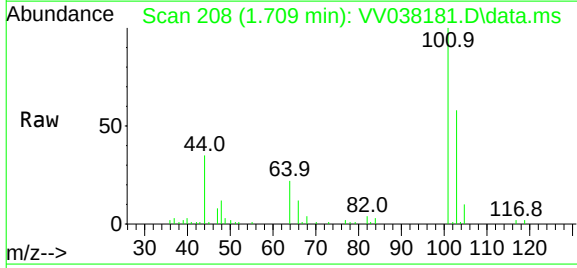




#9
Trichlorofluoromethane
Concen: 0.437 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

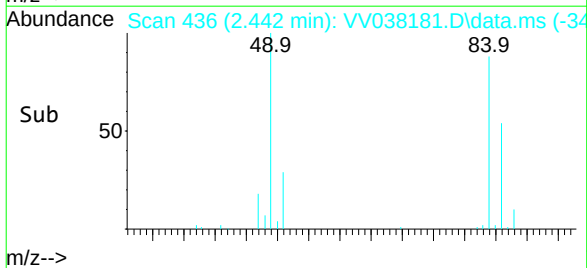
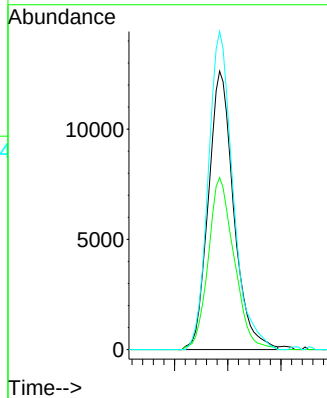
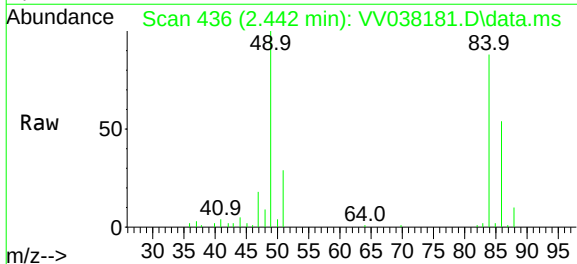
Instrument :
MSVOA_V
ClientSampleId :
BG3H0

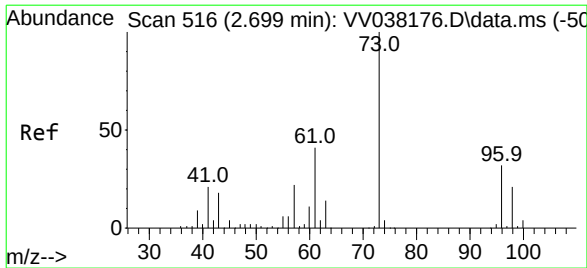
Tgt Ion:101 Resp: 14155
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3



#16
Methylene chloride
Concen: 1.040 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion: 84 Resp: 20899
Ion Ratio Lower Upper
84 100
86 61.8 44.2 82.2
49 114.2 74.9 139.1

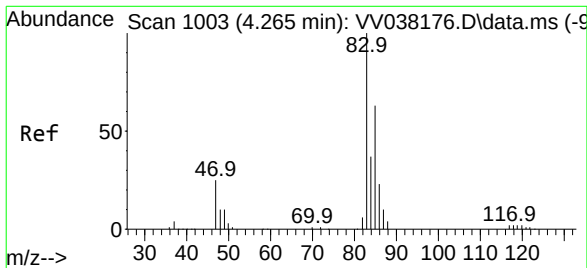
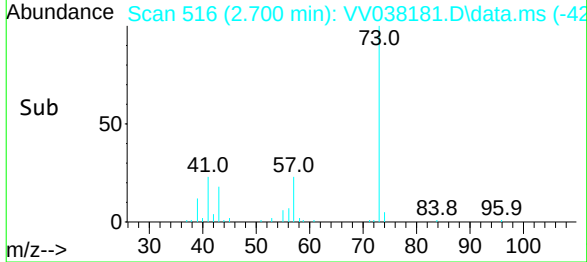
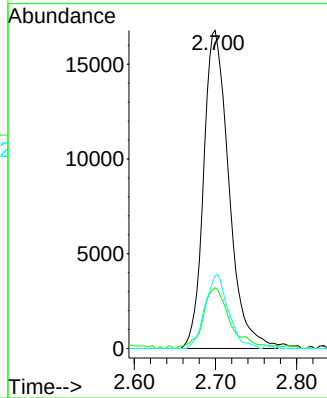
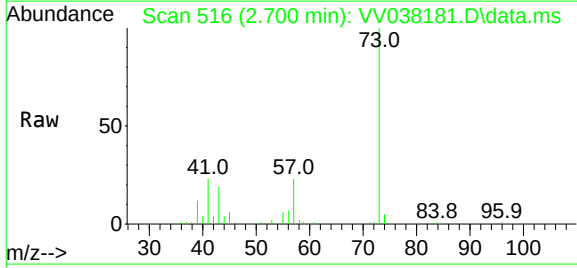




#17
Methyl tert-butyl Ether
Concen: 0.912 ug/L
RT: 2.700 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

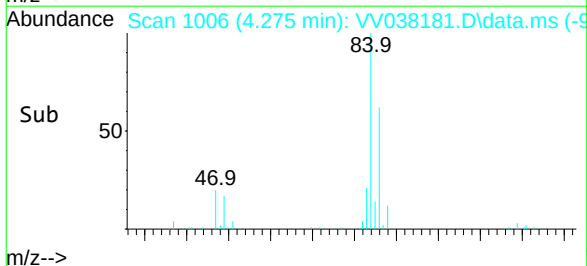
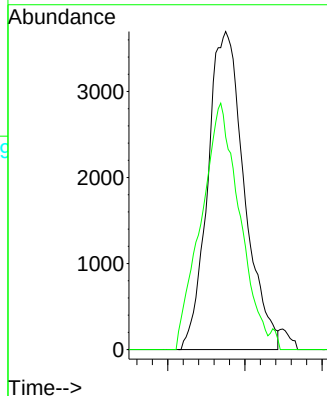
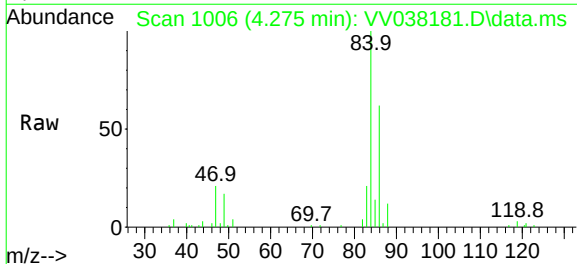
Instrument :
MSVOA_V
ClientSampleId :
BG3H0

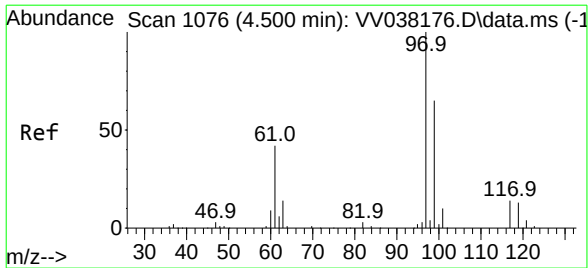
Tgt Ion:	73	Resp:	36335
Ion	Ratio	Lower	Upper
73	100		
43	20.4	14.2	21.2
57	21.5	17.6	26.4



#25
Chloroform
Concen: 0.338 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion:	83	Resp:	12185
Ion	Ratio	Lower	Upper
83	100		
85	66.9	46.5	86.3

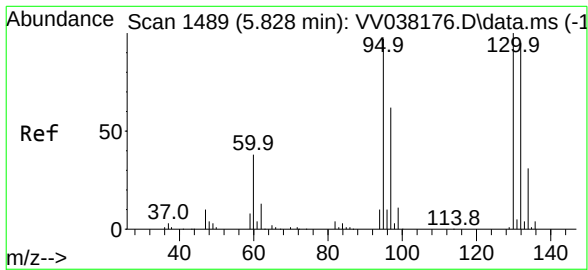
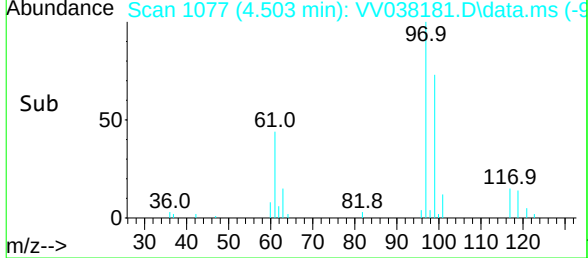
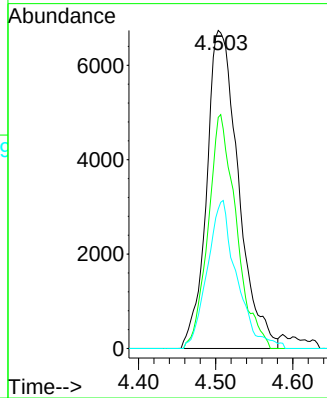
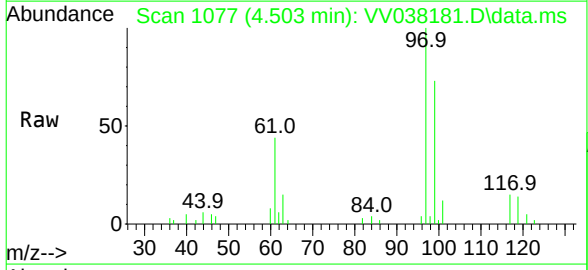




#29
 1,1,1-Trichloroethane
 Concen: 0.599 ug/L
 RT: 4.503 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VV038181.D
 Acq: 19 Nov 2024 16:55

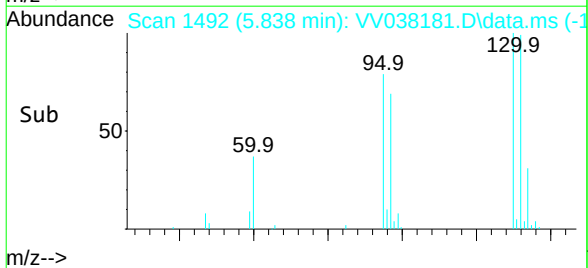
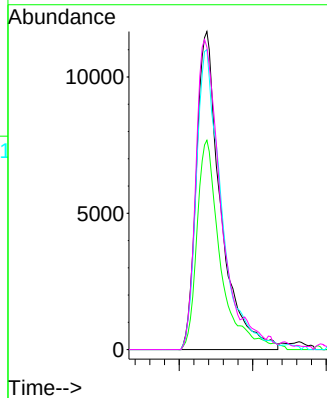
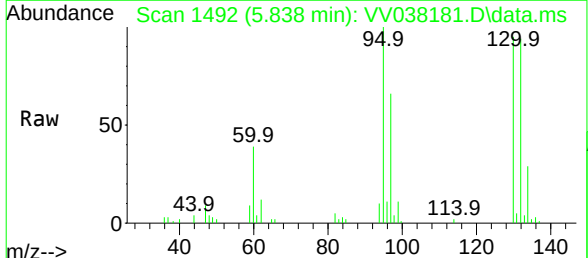
Instrument :
 MSVOA_V
 ClientSampleId :
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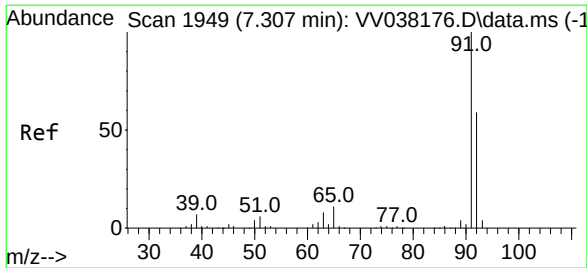
Tgt Ion:	97	Resp:	19297
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	43.1	32.2	48.2



#34
 Trichloroethene
 Concen: 1.300 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.010 min
 Lab File: VV038181.D
 Acq: 19 Nov 2024 16:55

Tgt Ion:	95	Resp:	26755
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.8	83.2
132	94.3	68.3	126.8
130	95.1	70.2	130.4





#42

Toluene

Concen: 0.162 ug/L

RT: 7.326 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

ClientSampleId :

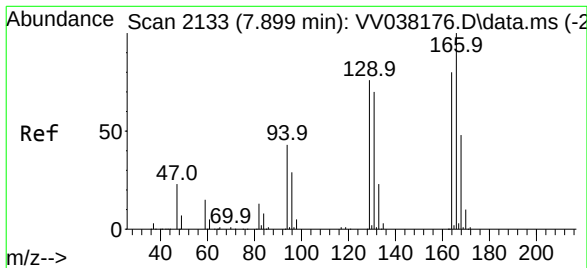
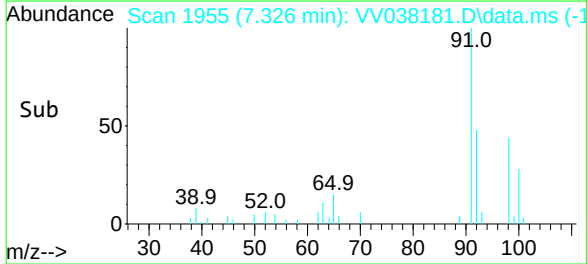
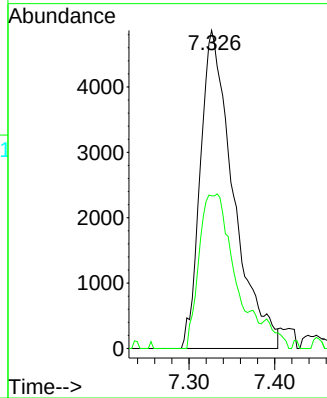
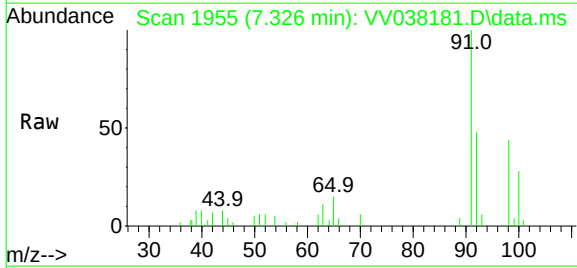
BG3H0

Tgt Ion: 91 Resp: 12989

Ion Ratio Lower Upper

91 100

92 48.0 40.8 75.8



#47

Tetrachloroethene

Concen: 1.372 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Tgt Ion: 164 Resp: 22697

Ion Ratio Lower Upper

164 100

129 93.2 68.5 127.1

131 85.1 64.8 120.4

166 121.8 88.3 163.9

