

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038186.D
 Acq On : 19 Nov 2024 18:57
 Operator : SY/MD
 Sample : P4882-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J0

Quant Time: Nov 20 00:38:24 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	231917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	246762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	107025	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81617	4.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.529	69	75934	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.053	65	36415	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.780	46	200653	56.426	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.860%
24) Chloroform-d	4.243	84	179734	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	4.937	65	88728	5.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	4.950	84	323704	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.982	67	109153	5.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.239	98	264055	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.558	79	35995	4.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.017	63	177297	62.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.020%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	90648	5.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	106412	5.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%

Target Compounds					Qvalue	
9) Trichlorofluoromethane	1.709	101	936344	30.731	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	14794	0.851	ug/L	90
12) 1,1-Dichloroethene	2.063	96	12196	0.736	ug/L #	1
16) Methylene chloride	2.442	84	41163	2.179	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	60142	1.606	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	3267	0.187	ug/L	85
19) 1,1-Dichloroethane	3.108	63	81675	2.578	ug/L	97
22) cis-1,2-Dichloroethene	3.805	96	133116	7.378	ug/L	99
25) Chloroform	4.275	83	23916	0.706	ug/L	97
27) 1,2-Dichloroethane	5.063	62	6088	0.330	ug/L #	92
29) 1,1,1-Trichloroethane	4.506	97	42596	1.439	ug/L	97
31) Carbon tetrachloride	4.725	117	3770	0.144	ug/L	89
34) Trichloroethene	5.821	95	1423856	75.356	ug/L	99
42) Toluene	7.323	91	23524	0.320	ug/L	94
47) Tetrachloroethene	7.898	164	113931	7.504	ug/L	98
51) Chlorobenzene	8.815	112	20231	0.400	ug/L	92
53) m,p-Xylene	9.079	106	3961	0.135	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	4716	0.286	ug/L #	96
67) 1,2-Dichlorobenzene	11.577	146	5834	0.190	ug/L	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
Data File : VV038186.D
Acq On : 19 Nov 2024 18:57
Operator : SY/MD
Sample : P4882-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3J0

Quant Time: Nov 20 00:38:24 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

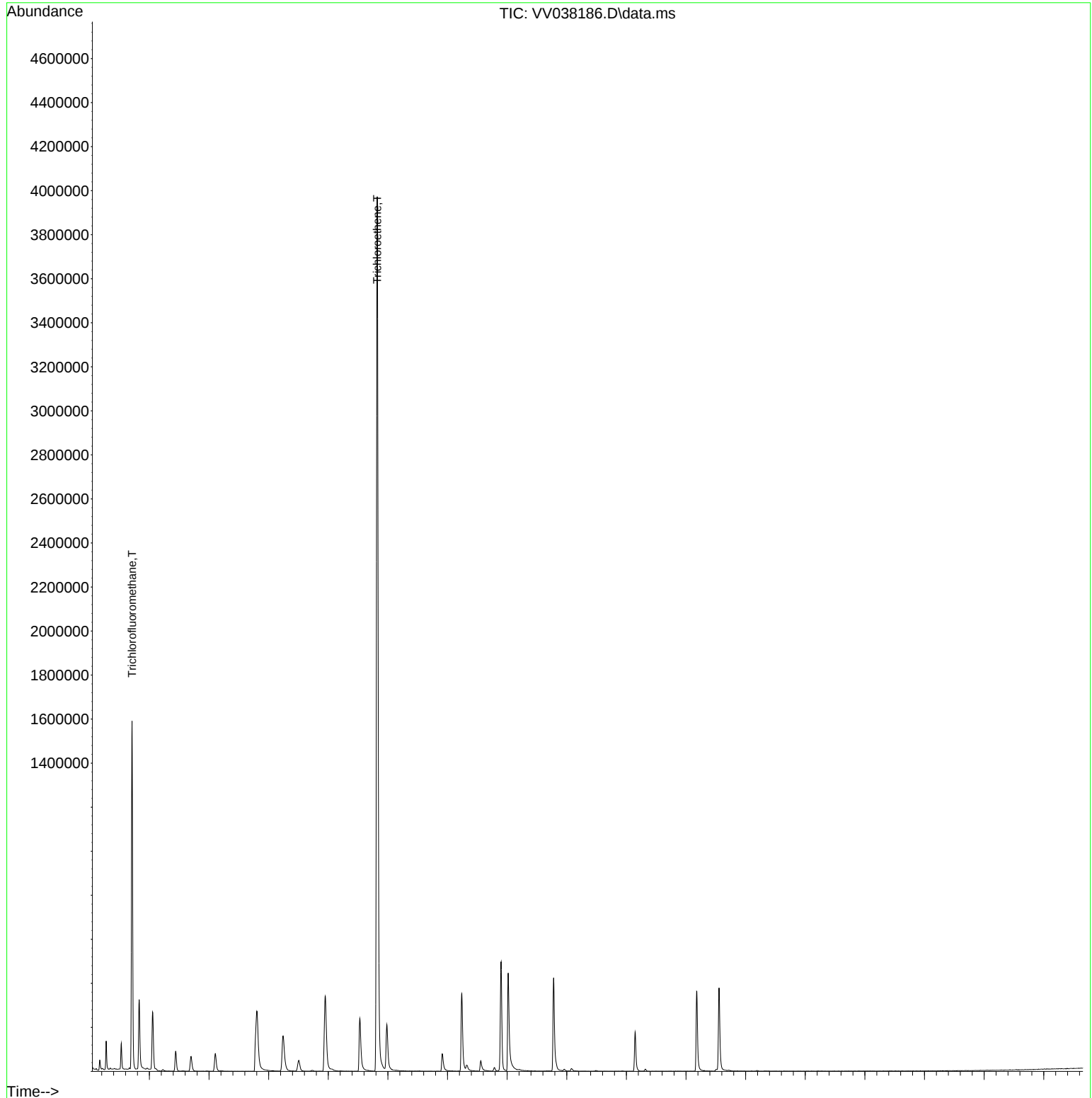
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

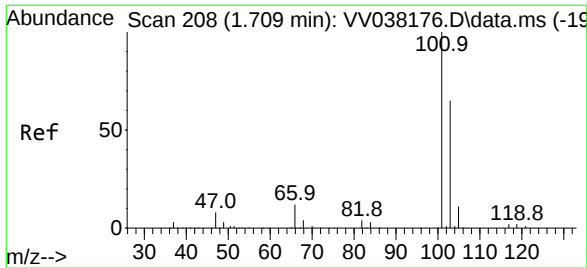
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
Data File : VV038186.D
Acq On : 19 Nov 2024 18:57
Operator : SY/MD
Sample : P4882-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3J0

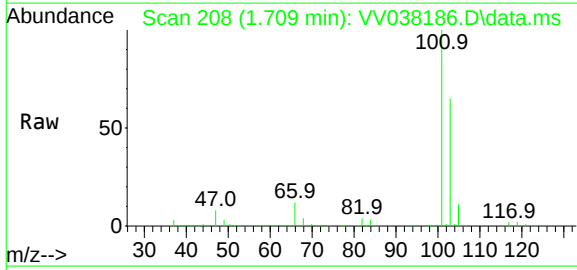
Quant Time: Nov 20 00:38:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 22:47:22 2024
Response via : Initial Calibration



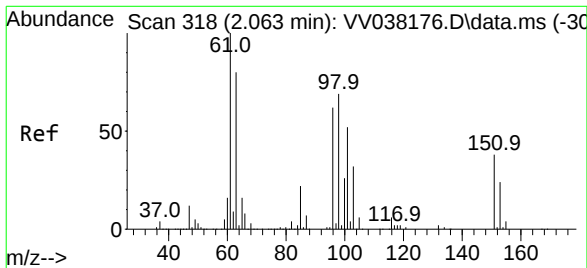
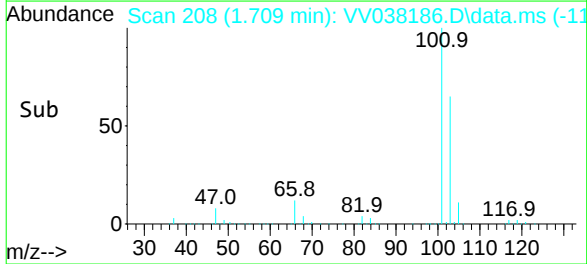
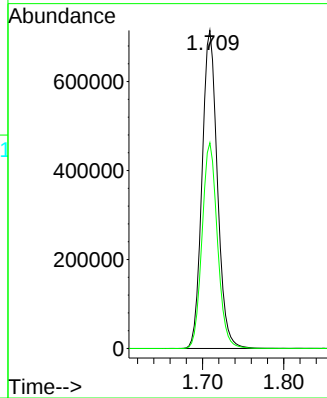


#9
Trichlorofluoromethane
Concen: 30.731 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Instrument :
MSVOA_V
ClientSampleId :
BG3J0

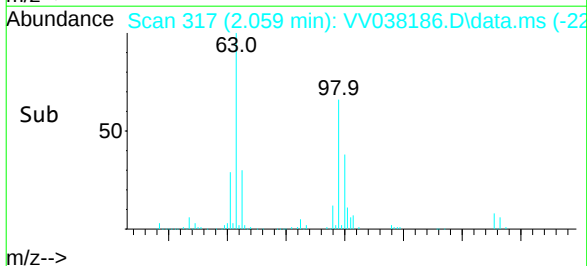
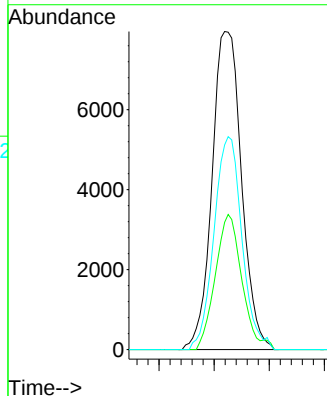
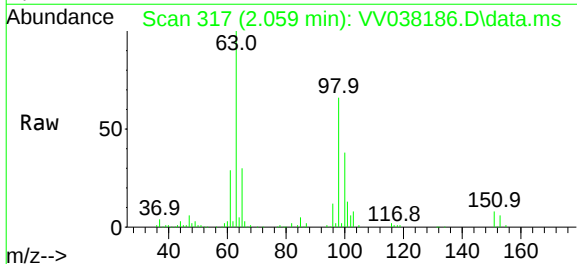


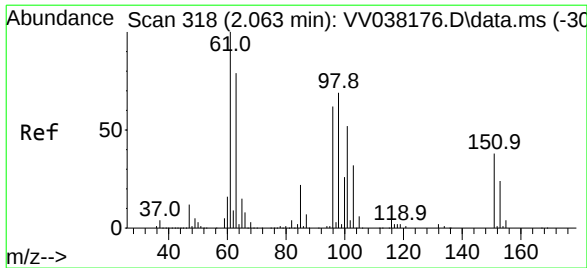
Tgt Ion:101 Resp: 936344
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.851 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion:101 Resp: 14794
Ion Ratio Lower Upper
101 100
85 38.2 33.4 50.0
151 63.4 58.8 88.2

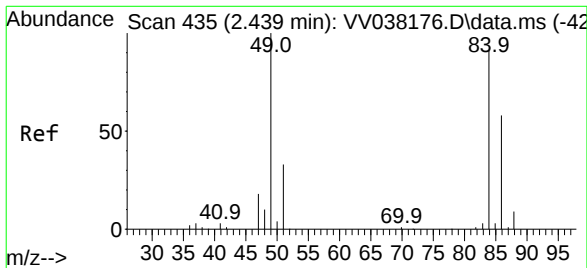
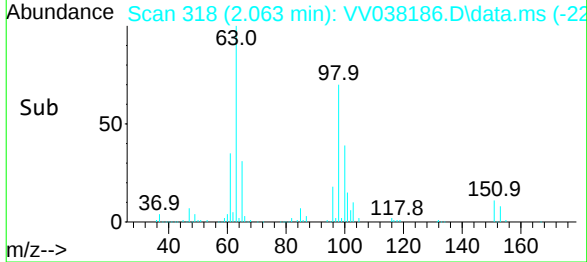
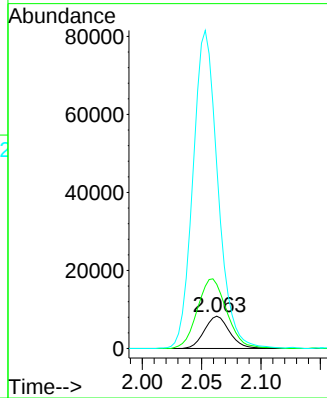
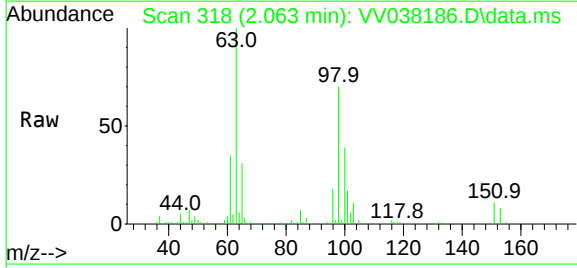




#12
1,1-Dichloroethene
Concen: 0.736 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

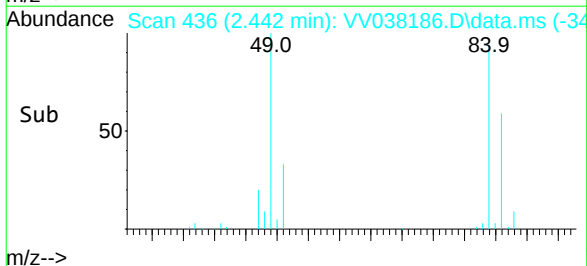
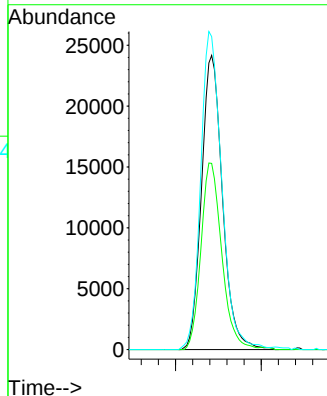
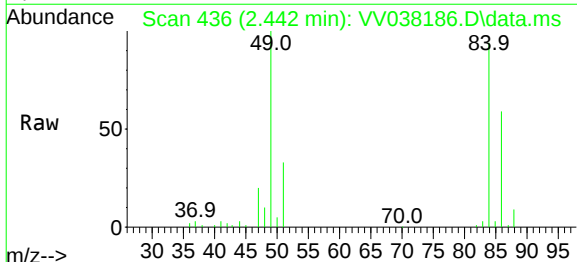
Instrument :
MSVOA_V
ClientSampleId :
BG3J0

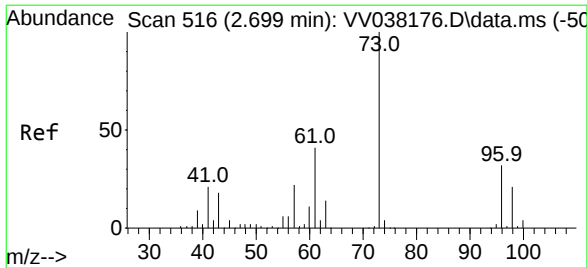
Tgt Ion: 96 Resp: 12196
Ion Ratio Lower Upper
96 100
61 198.5 115.7 214.9
63 566.2 101.1 187.7#



#16
Methylene chloride
Concen: 2.179 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion: 84 Resp: 41163
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 106.4 74.9 139.1

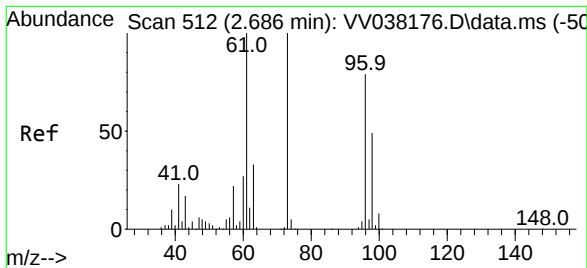
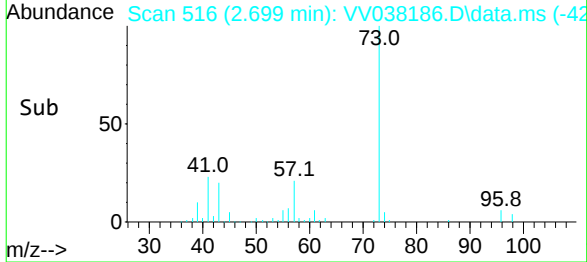
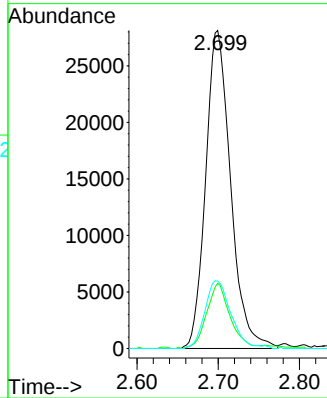
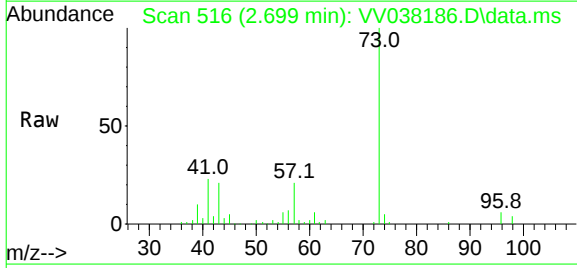




#17
Methyl tert-butyl Ether
Concen: 1.606 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

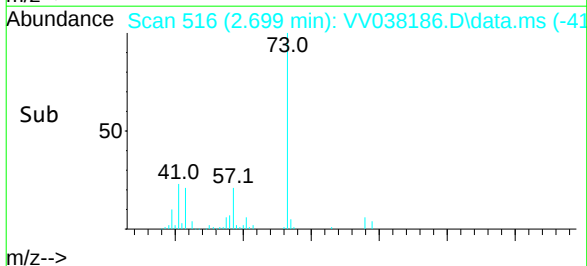
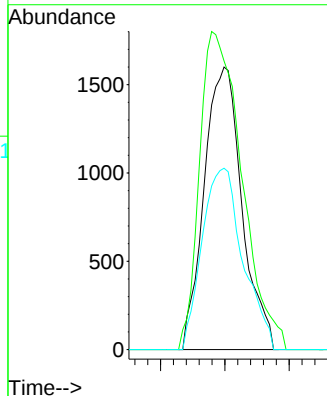
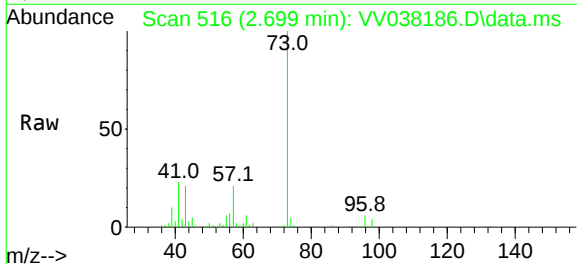
Instrument :
MSVOA_V
ClientSampleId :
BG3J0

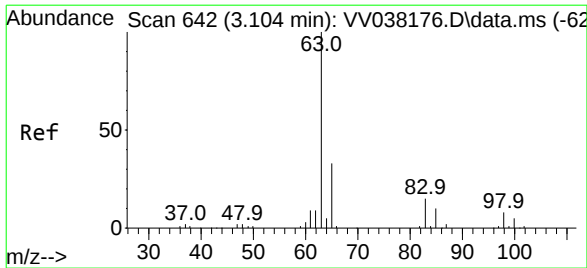
Tgt Ion:	73	Resp:	60142
Ion	Ratio	Lower	Upper
73	100		
43	19.1	14.2	21.2
57	22.2	17.6	26.4



#18
trans-1,2-Dichloroethene
Concen: 0.187 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.013 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion:	96	Resp:	3267
Ion	Ratio	Lower	Upper
96	100		
61	102.1	88.5	164.4
98	64.2	43.9	81.5

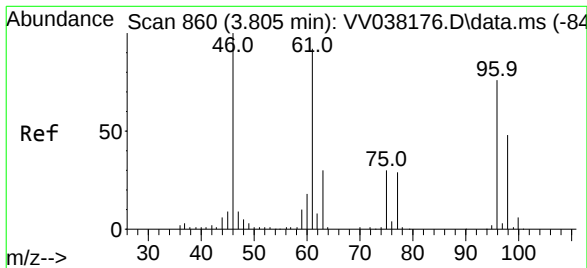
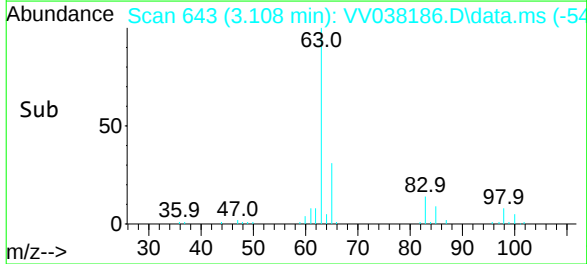
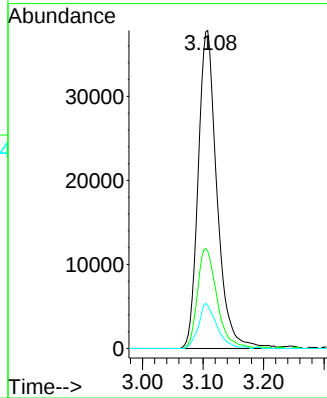
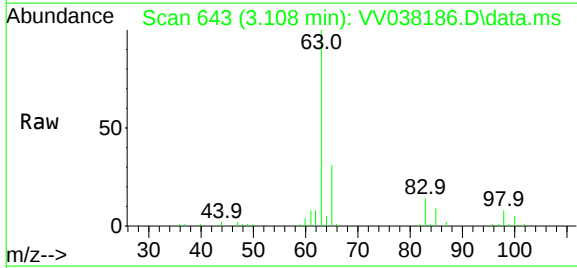




#19
1,1-Dichloroethane
Concen: 2.578 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

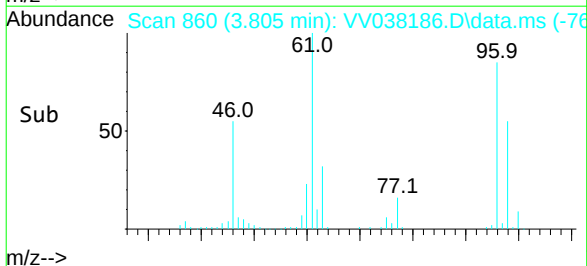
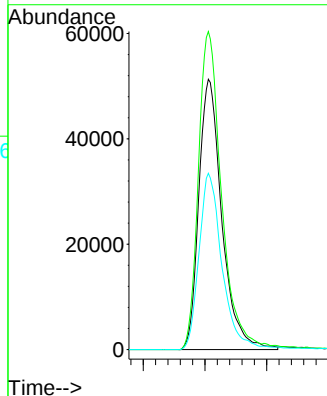
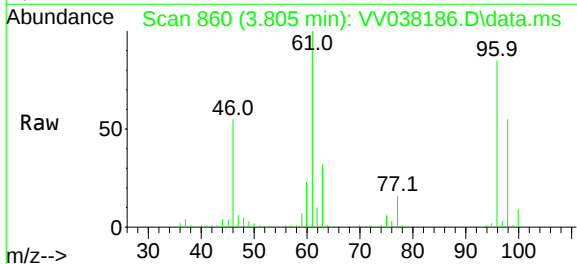
Instrument :
MSVOA_V
ClientSampleId :
BG3J0

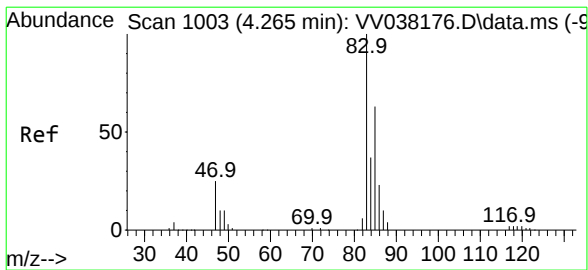
Tgt Ion:	63	Resp:	81675
Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.5	41.7
83	13.5	10.1	18.9



#22
cis-1,2-Dichloroethene
Concen: 7.378 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion:	96	Resp:	133116
Ion	Ratio	Lower	Upper
96	100		
61	117.6	82.7	153.5
98	65.2	46.3	85.9





#25

Chloroform

Concen: 0.706 ug/L

RT: 4.275 min Scan# 10

Delta R.T. 0.010 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

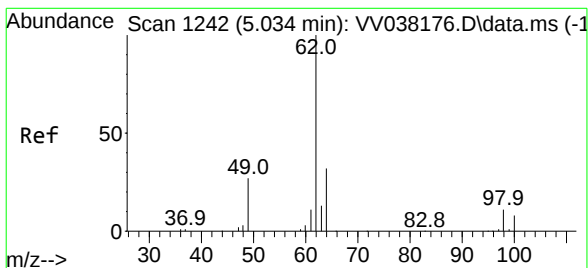
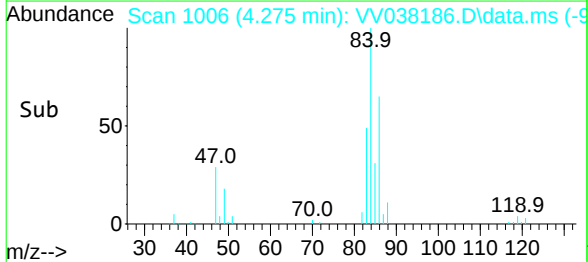
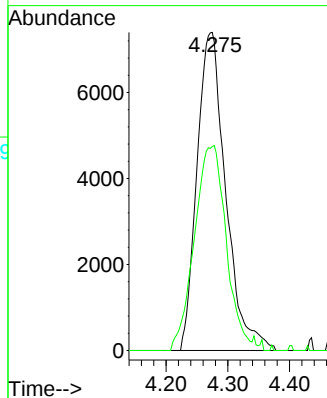
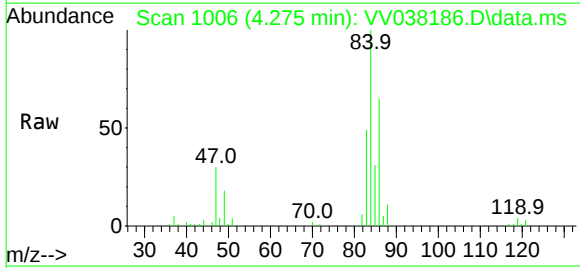
BG3J0

Tgt Ion: 83 Resp: 23916

Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.330 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.029 min

Lab File: VV038186.D

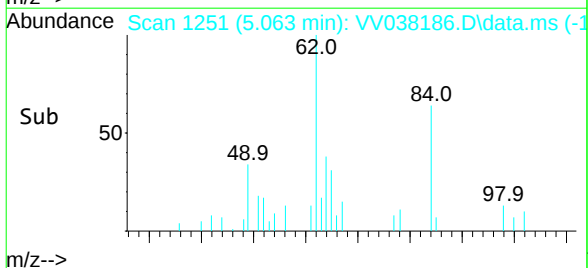
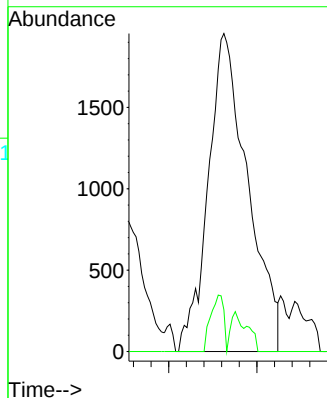
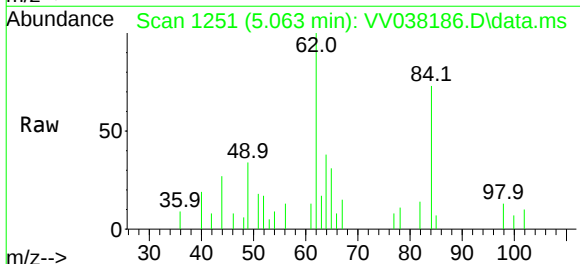
Acq: 19 Nov 2024 18:57

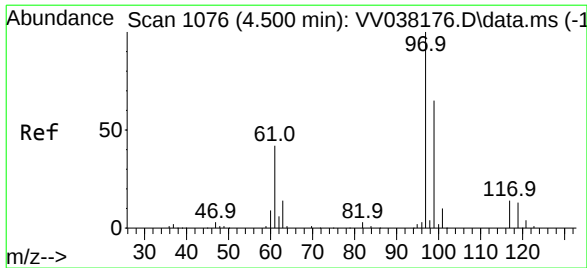
Tgt Ion: 62 Resp: 6088

Ion Ratio Lower Upper

62 100

98 13.1 8.2 12.4#

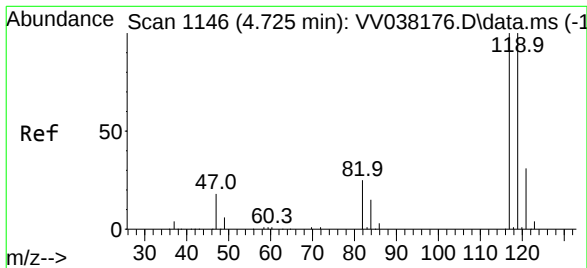
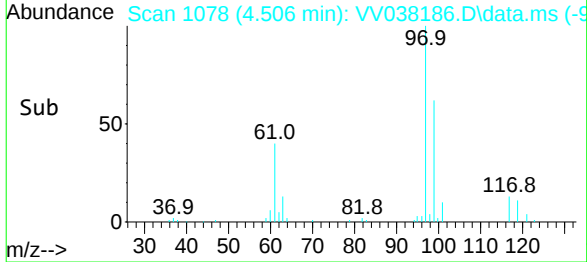
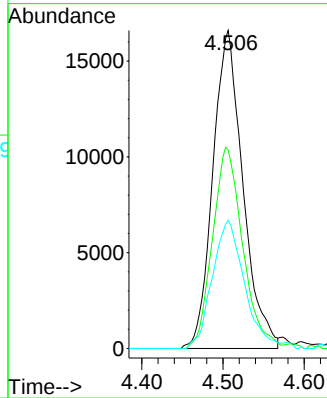
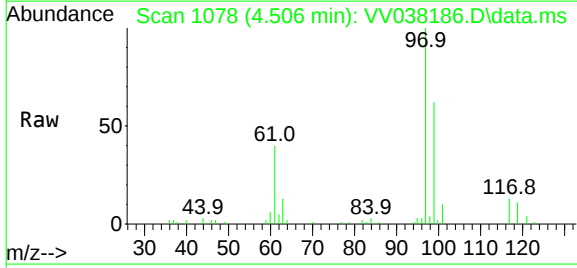




#29
1,1,1-Trichloroethane
Concen: 1.439 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

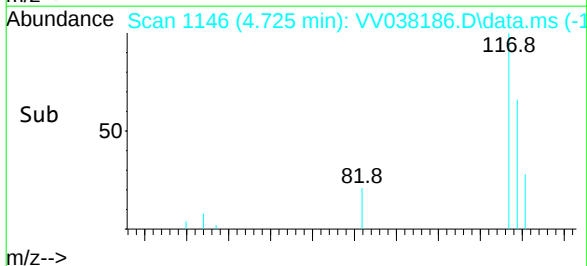
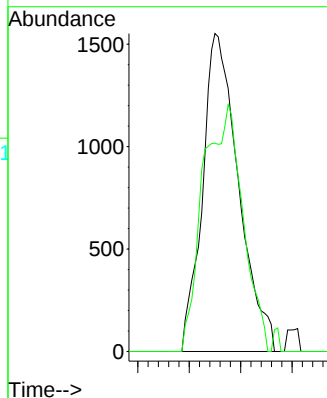
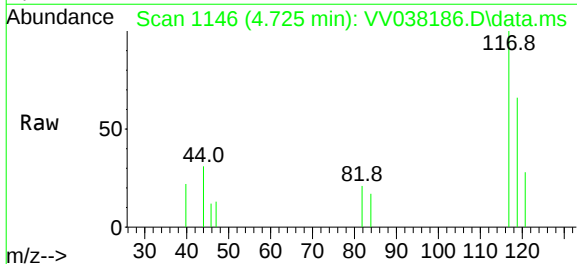
Instrument :
MSVOA_V
ClientSampleId :
BG3J0

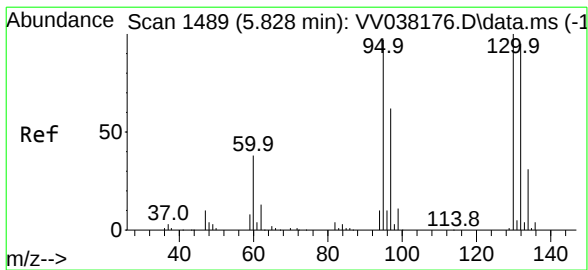
Tgt Ion: 97 Resp: 42596
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 43.0 32.2 48.2



#31
Carbon tetrachloride
Concen: 0.144 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion: 117 Resp: 3770
Ion Ratio Lower Upper
117 100
119 86.2 77.4 116.2





#34

Trichloroethene

Concen: 75.356 ug/L

RT: 5.821 min Scan# 14

Delta R.T. -0.006 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

BG3J0

Tgt Ion: 95 Resp: 1423856

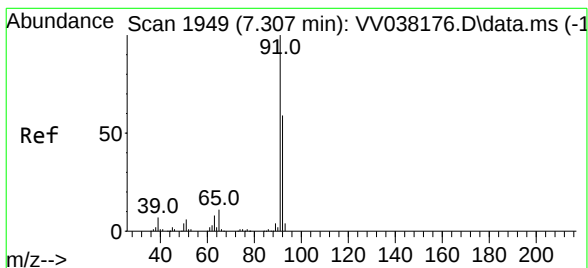
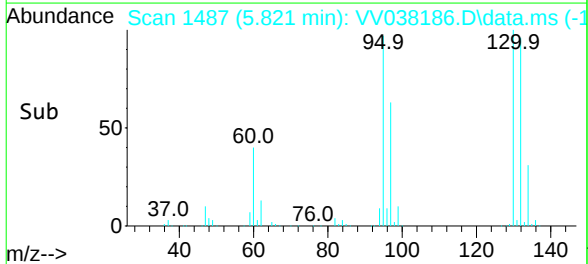
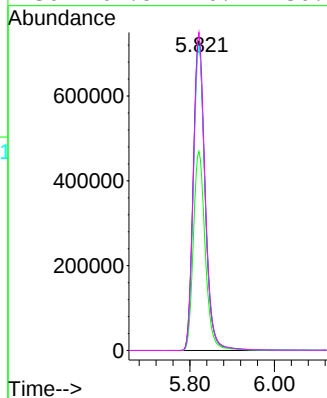
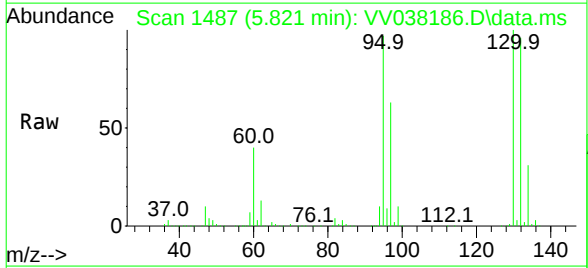
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 98.4 68.3 126.8

130 102.8 70.2 130.4



#42

Toluene

Concen: 0.320 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038186.D

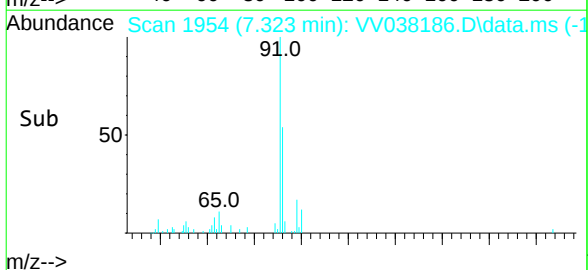
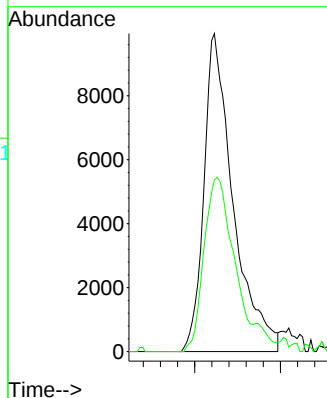
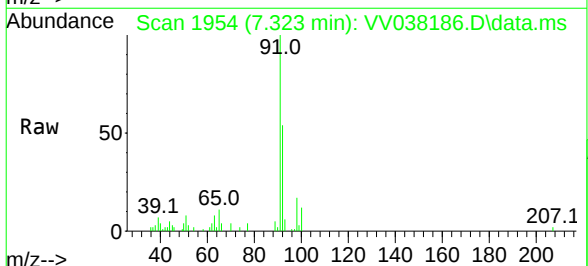
Acq: 19 Nov 2024 18:57

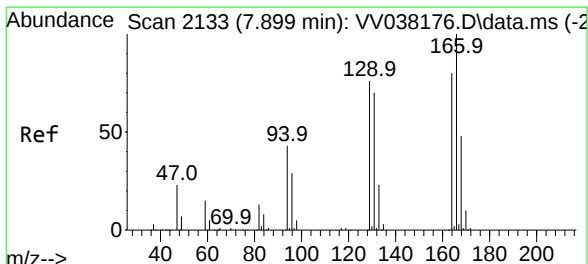
Tgt Ion: 91 Resp: 23524

Ion Ratio Lower Upper

91 100

92 54.1 40.8 75.8

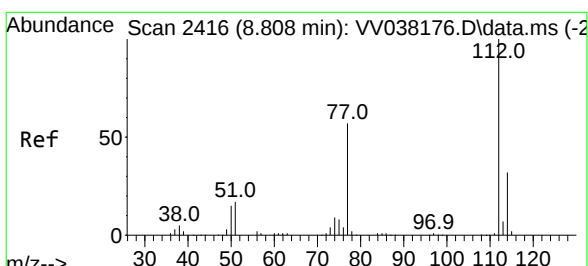
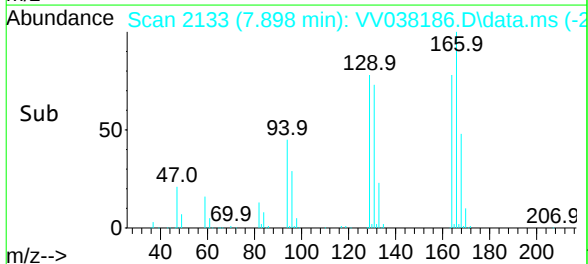
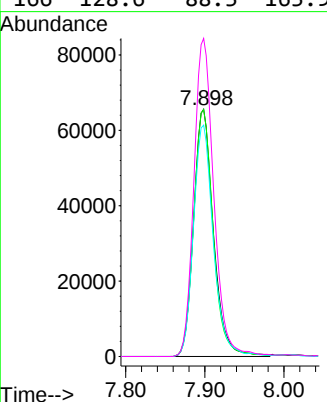
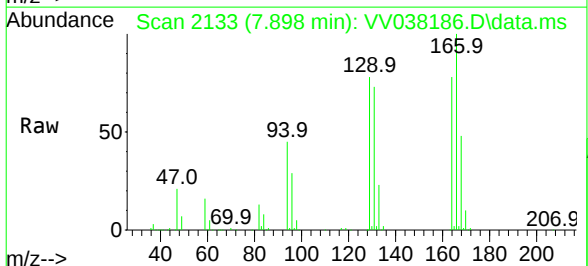




#47
Tetrachloroethene
Concen: 7.504 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

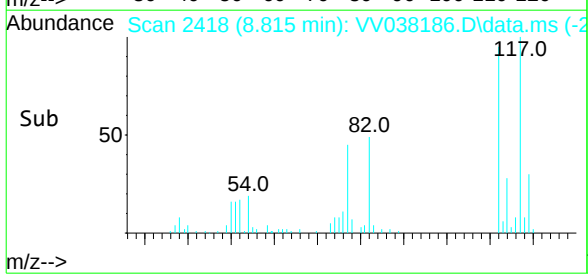
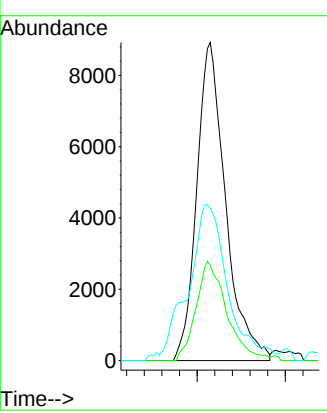
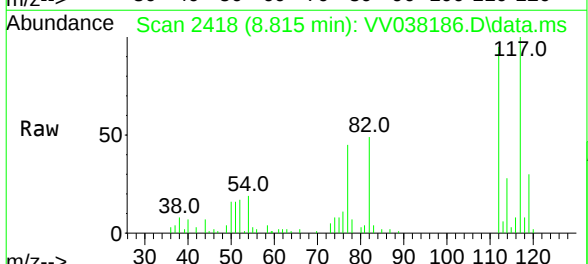
Instrument : MSVOA_V
ClientSampleId : BG3J0

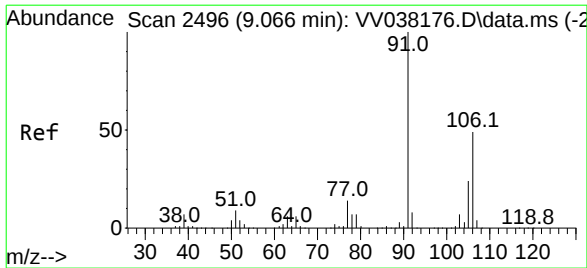
Tgt Ion:	164	Resp:	113931
Ion	Ratio	Lower	Upper
164	100		
129	99.8	68.5	127.1
131	93.6	64.8	120.4
166	128.6	88.3	163.9



#51
Chlorobenzene
Concen: 0.400 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion:	112	Resp:	20231
Ion	Ratio	Lower	Upper
112	100		
114	30.0	22.0	40.8
77	47.8	45.0	67.4

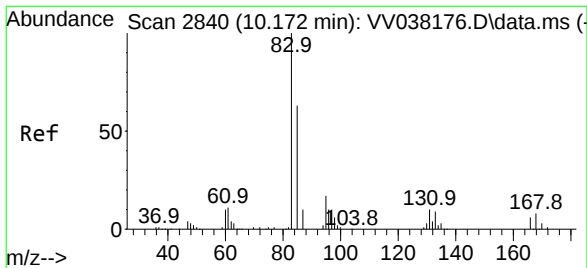
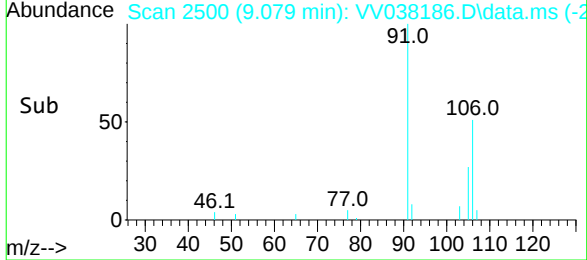
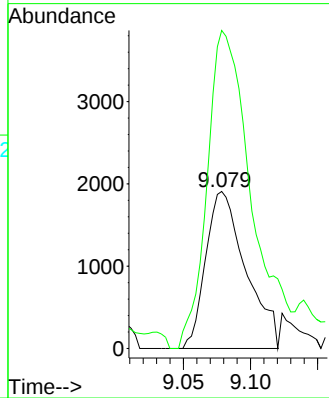
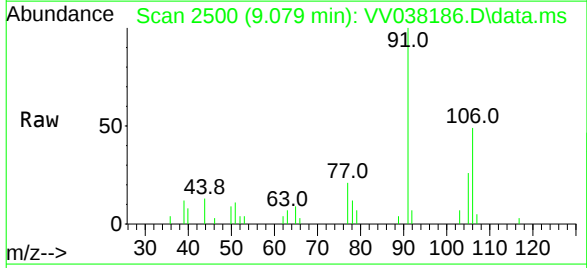




#53
m,p-Xylene
Concen: 0.135 ug/L
RT: 9.079 min Scan# 25
Delta R.T. 0.013 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

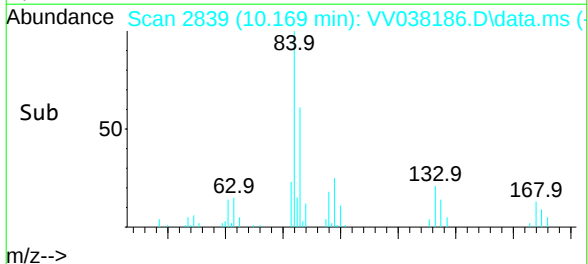
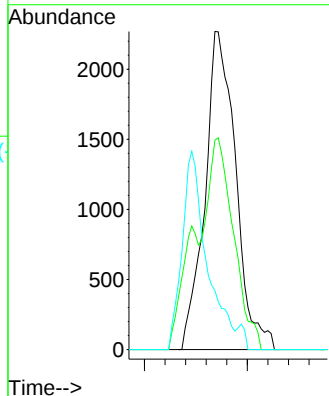
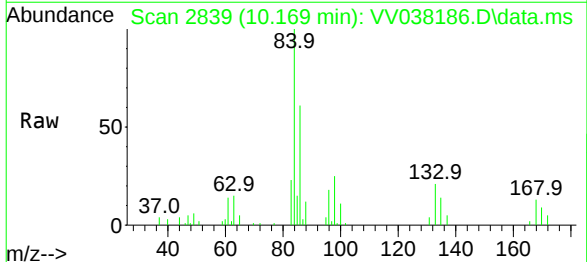
Instrument :
MSVOA_V
ClientSampleId :
BG3J0

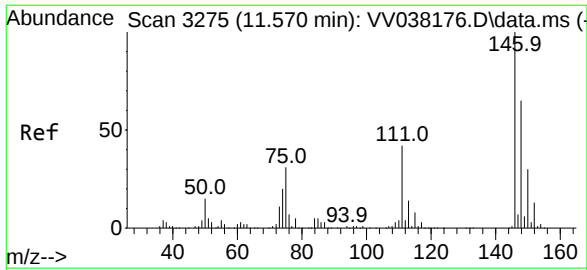
Tgt Ion:106 Resp: 3961
Ion Ratio Lower Upper
106 100
91 202.6 138.7 257.5



#57
1,1,2,2-Tetrachloroethane
Concen: 0.286 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

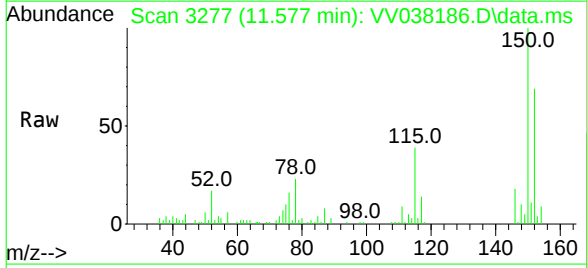
Tgt Ion: 83 Resp: 4716
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9
131 18.6 8.2 12.4#





#67
1,2-Dichlorobenzene
Concen: 0.190 ug/L
RT: 11.577 min Scan# 32
Delta R.T. 0.006 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Instrument :
MSVOA_V
ClientSampleId :
BG3J0



Tgt Ion:	146	Resp:	5834
Ion	Ratio	Lower	Upper
146	100		
111	50.4	34.2	51.2
148	55.5	51.0	76.4

