

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024758.D
 Acq On : 18 Feb 2022 17:03
 Operator : SY/MD
 Sample : N1545-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY06

Quant Time: Feb 19 00:46:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

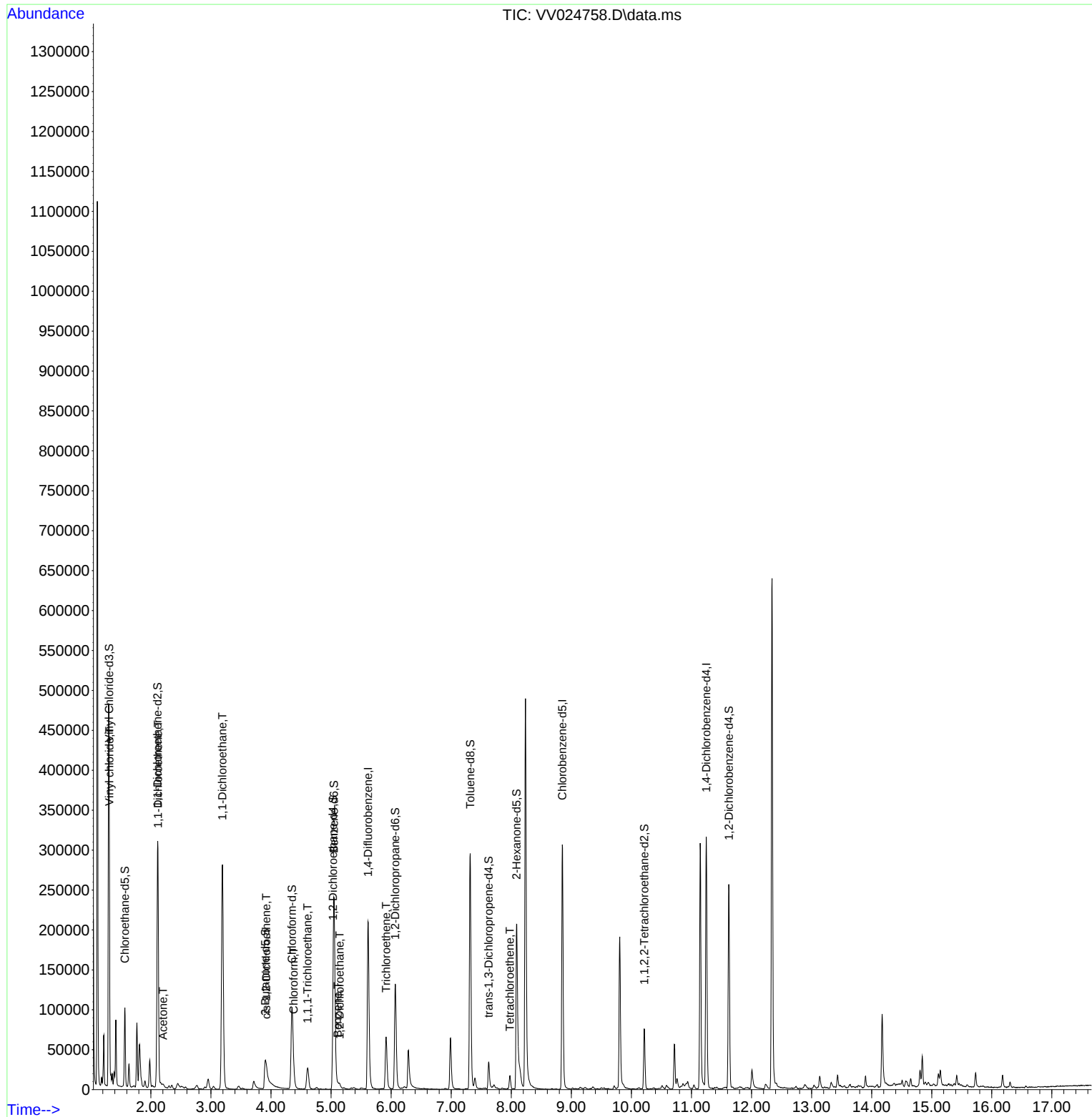
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	183851	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64697	4.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.568	69	54263	4.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.111	63	117784	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.905	46	77233	34.674	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.340%
24) Chloroform-d	4.349	84	107558	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.034	65	47928	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.050	84	225706	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.069	67	67377	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	198069	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	21701	4.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.088	63	86169	46.255	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37877	4.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	61326	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	915	0.047	ug/L	# 1
12) 1,1-Dichloroethene	2.121	96	58588	4.092	ug/L	98
13) Acetone	2.201	43	10557	6.721	ug/L	89
19) 1,1-Dichloroethane	3.191	63	285342	11.143	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	3962	0.268	ug/L	87
25) Chloroform	4.378	83	10576	0.395	ug/L	96
27) 1,2-Dichloroethane	5.143	62	5212	0.365	ug/L	# 93
29) 1,1,1-Trichloroethane	4.609	97	21942	0.977	ug/L	98
33) Benzene	5.114	78	5414	0.096	ug/L	100
34) Trichloroethene	5.918	95	20576	1.370	ug/L	99
47) Tetrachloroethene	7.979	164	3604	0.353	ug/L	95

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

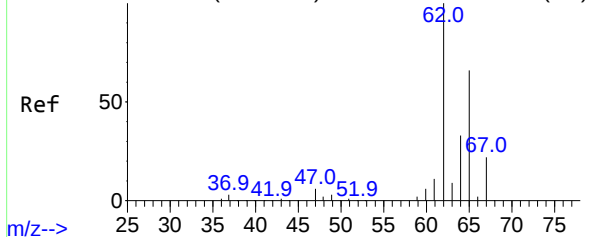
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024758.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 19 00:43:23 2022
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV024745.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.047 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV024758.D

Acq: 18 Feb 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

BFY06

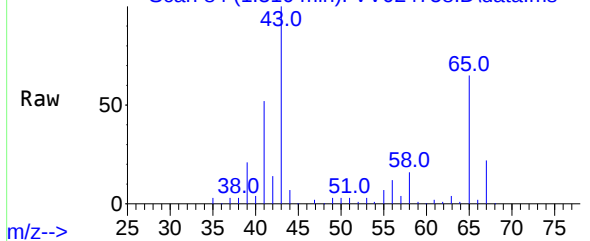
Tgt Ion: 62 Resp: 915

Ion Ratio Lower Upper

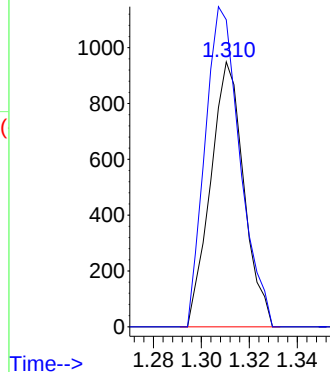
62 100

64 115.9 22.2 41.2#

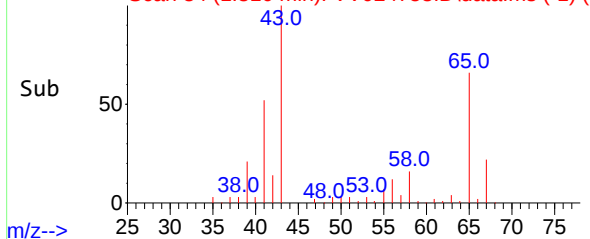
Abundance Scan 84 (1.310 min): VV024758.D\data.ms



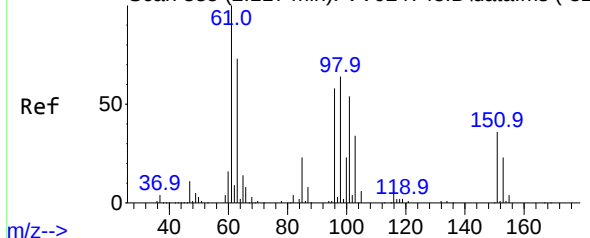
Abundance



Abundance Scan 84 (1.310 min): VV024758.D\data.ms (-1)



Abundance Scan 335 (2.117 min): VV024745.D\data.ms (-32)



#12

1,1-Dichloroethene

Concen: 4.092 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV024758.D

Acq: 18 Feb 2022 17:03

Tgt Ion: 96 Resp: 58588

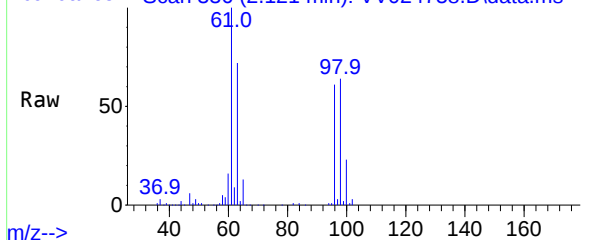
Ion Ratio Lower Upper

96 100

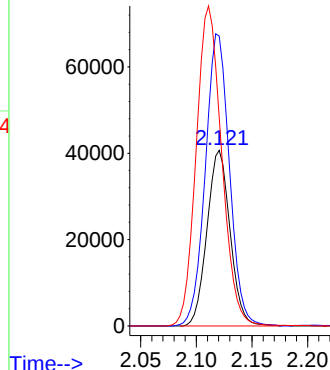
61 164.9 116.3 216.1

63 118.3 86.0 159.6

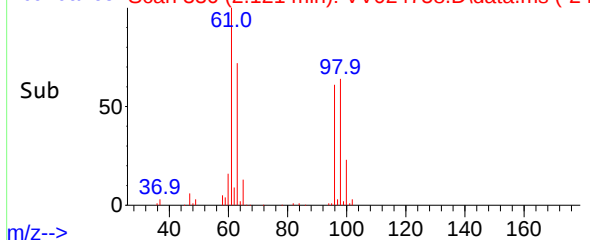
Abundance Scan 336 (2.121 min): VV024758.D\data.ms

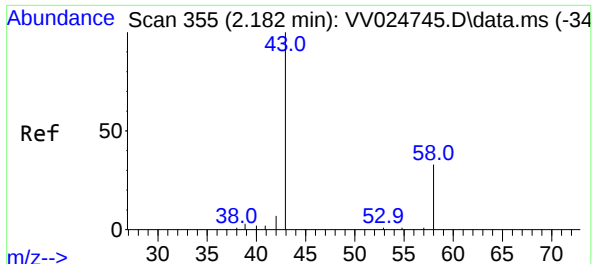


Abundance



Abundance Scan 336 (2.121 min): VV024758.D\data.ms (-24)

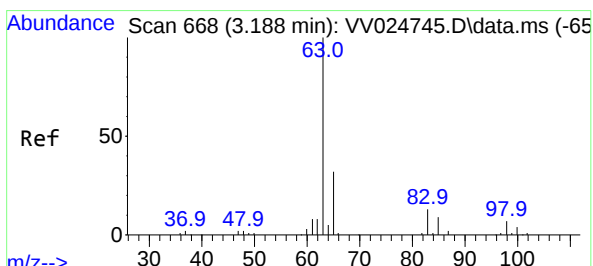
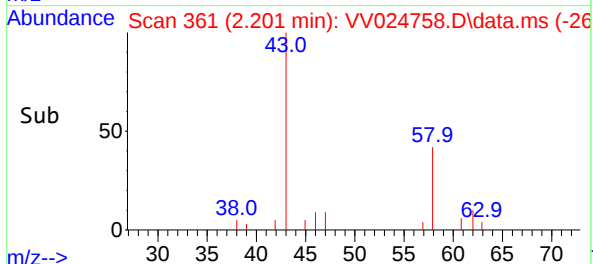
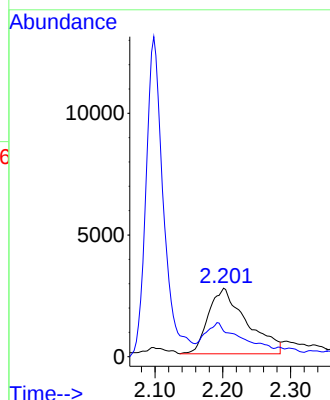
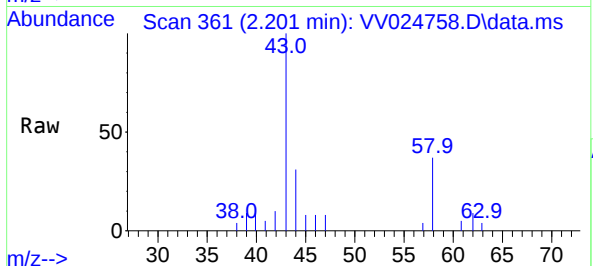




#13
Acetone
Concen: 6.721 ug/L
RT: 2.201 min Scan# 30
Delta R.T. 0.019 min
Lab File: VV024758.D
Acq: 18 Feb 2022 17:03

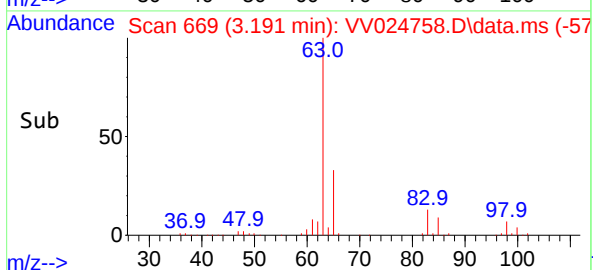
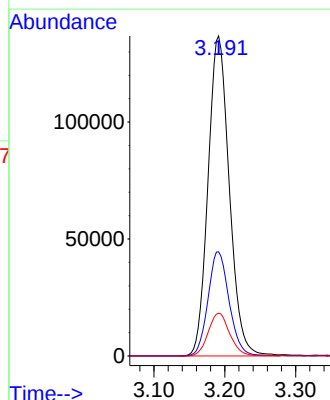
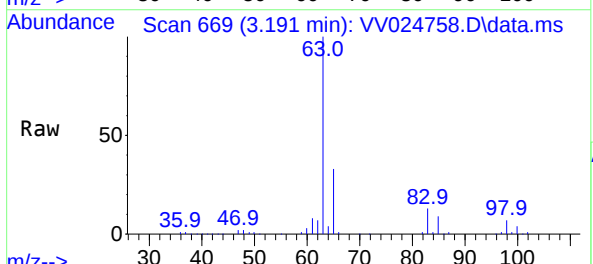
Instrument :
MSVOA_V
ClientSampleId :
BFY06

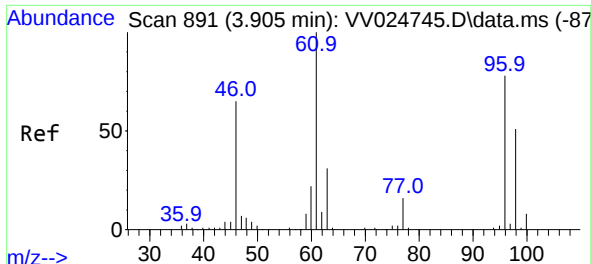
Tgt Ion: 43 Resp: 10557
Ion Ratio Lower Upper
43 100
58 25.7 0.0 63.6



#19
1,1-Dichloroethane
Concen: 11.143 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024758.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 63 Resp: 285342
Ion Ratio Lower Upper
63 100
65 32.6 22.0 40.8
83 13.4 9.5 17.7

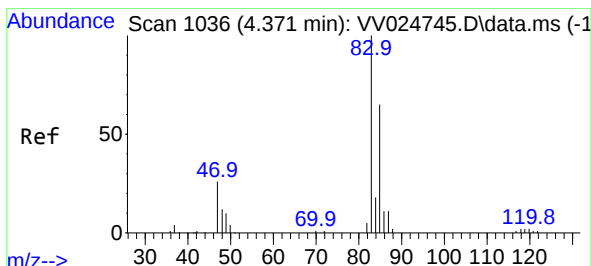
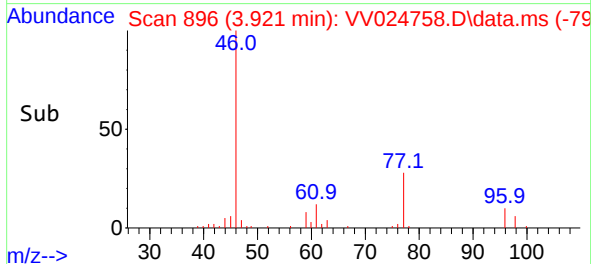
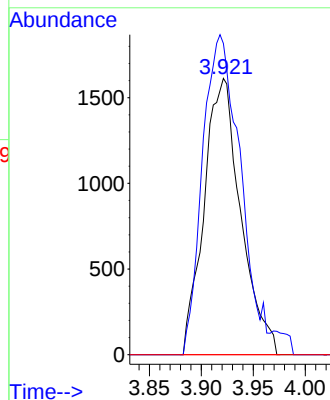
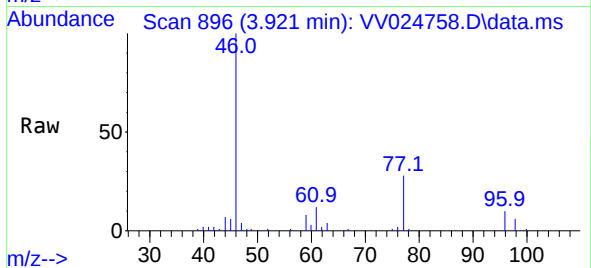




#22
cis-1,2-Dichloroethene
Concen: 0.268 ug/L
RT: 3.921 min Scan# 891
Delta R.T. 0.016 min
Lab File: VV024758.D
Acq: 18 Feb 2022 17:03

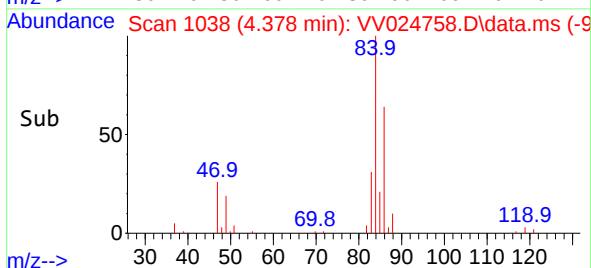
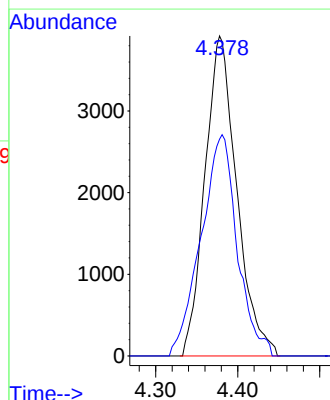
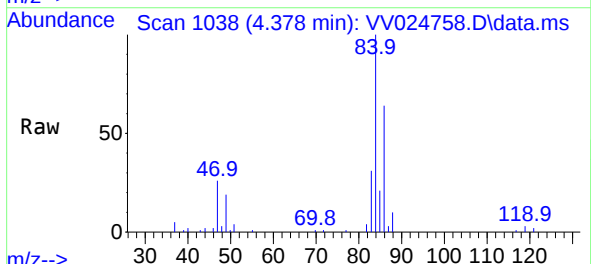
Instrument :
MSVOA_V
ClientSampleId :
BFY06

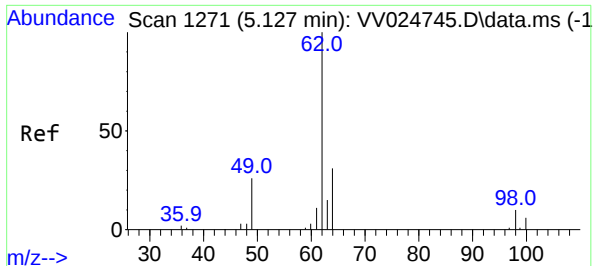
Tgt Ion: 96 Resp: 3962
Ion Ratio Lower Upper
96 100
61 112.6 89.7 166.5
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.395 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV024758.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 83 Resp: 10576
Ion Ratio Lower Upper
83 100
85 67.8 45.5 84.5

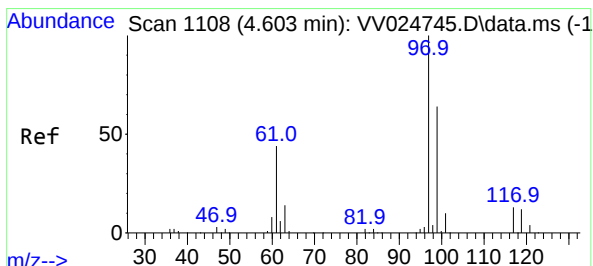
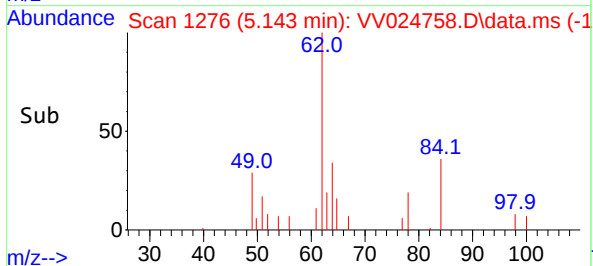
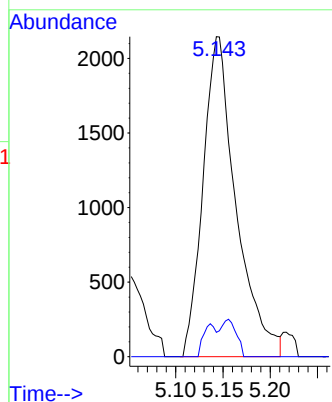
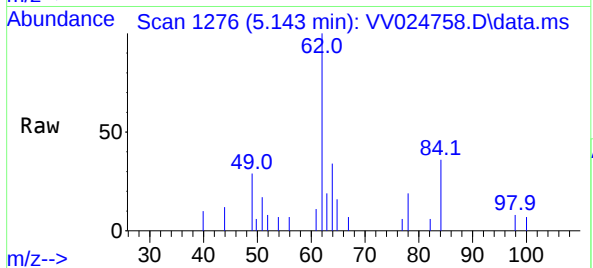




#27
1,2-Dichloroethane
Concen: 0.365 ug/L
RT: 5.143 min Scan# 1110
Delta R.T. 0.016 min
Lab File: VV024758.D
Acq: 18 Feb 2022 17:03

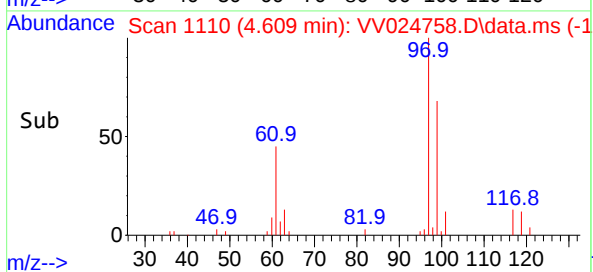
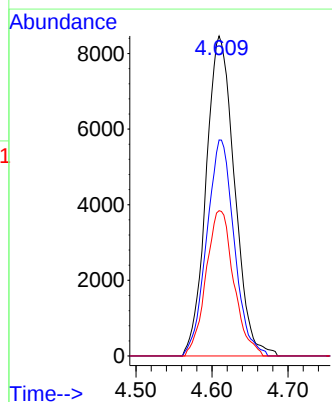
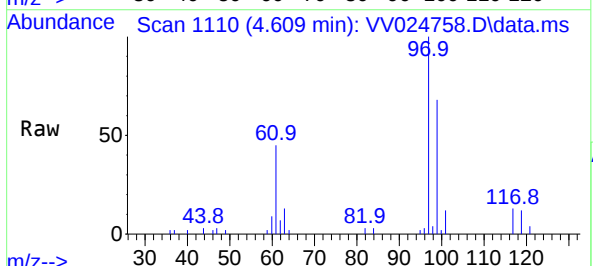
Instrument :
MSVOA_V
ClientSampleId :
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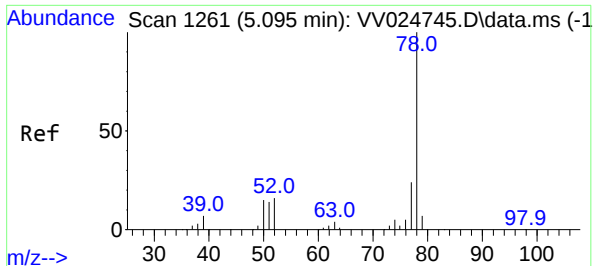
Tgt Ion: 62 Resp: 5212
Ion Ratio Lower Upper
62 100
98 7.6 8.2 12.2#



#29
1,1,1-Trichloroethane
Concen: 0.977 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV024758.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 97 Resp: 21942
Ion Ratio Lower Upper
97 100
99 65.5 50.5 75.7
61 44.4 35.8 53.6

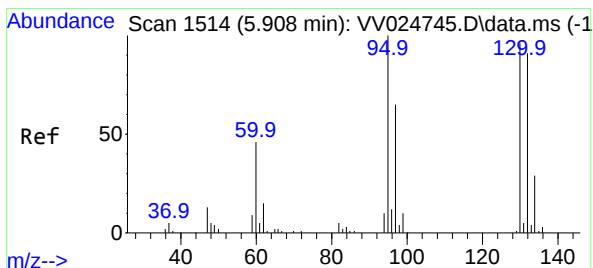
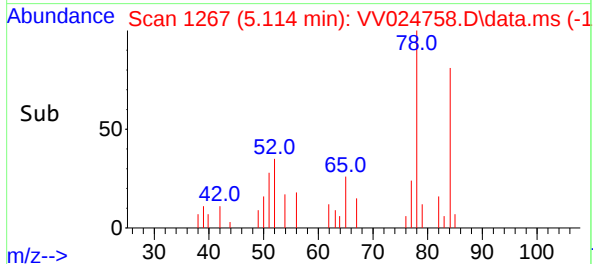
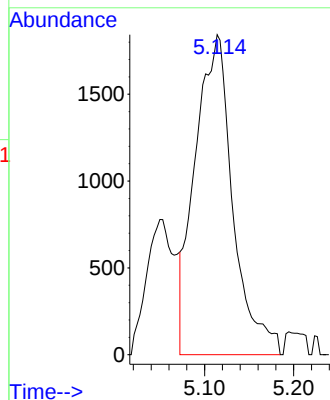
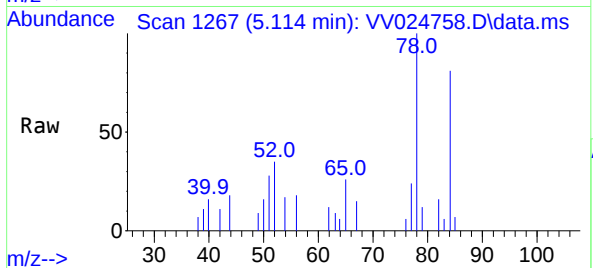




#33
Benzene
Concen: 0.096 ug/L
RT: 5.114 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV024758.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 78 Resp: 5414

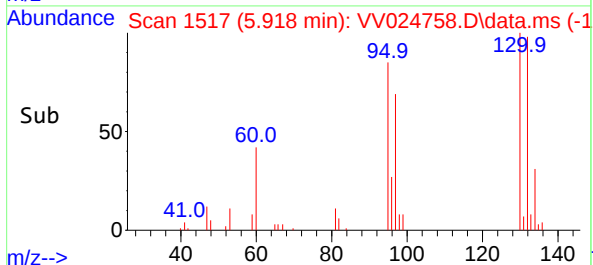
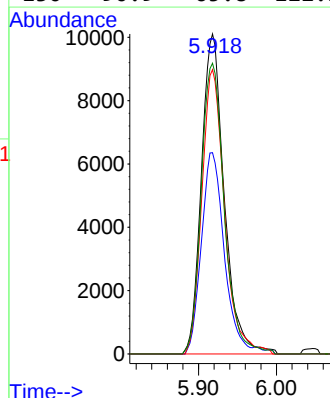
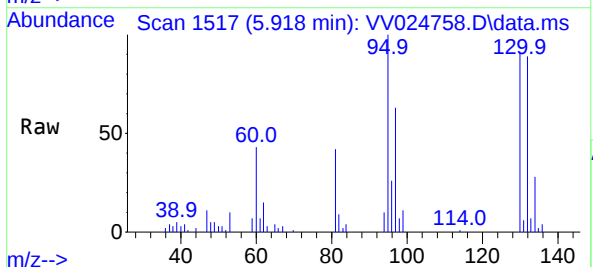
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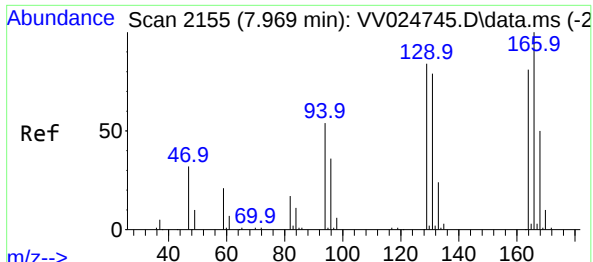


#34
Trichloroethene
Concen: 1.370 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV024758.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 95 Resp: 20576

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.2	82.0
132	88.8	62.1	115.3
130	90.9	65.8	122.2





#47
 Tetrachloroethene
 Concen: 0.353 ug/L
 RT: 7.979 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV024758.D
 Acq: 18 Feb 2022 17:03

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:164 Resp: 3604

Ion	Ratio	Lower	Upper
164	100		
129	99.9	70.3	130.7
131	107.9	67.7	125.7
166	122.1	88.3	164.1

