

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024759.D
 Acq On : 18 Feb 2022 17:27
 Operator : SY/MD
 Sample : N1545-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY07

Quant Time: Feb 19 00:46:37 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)

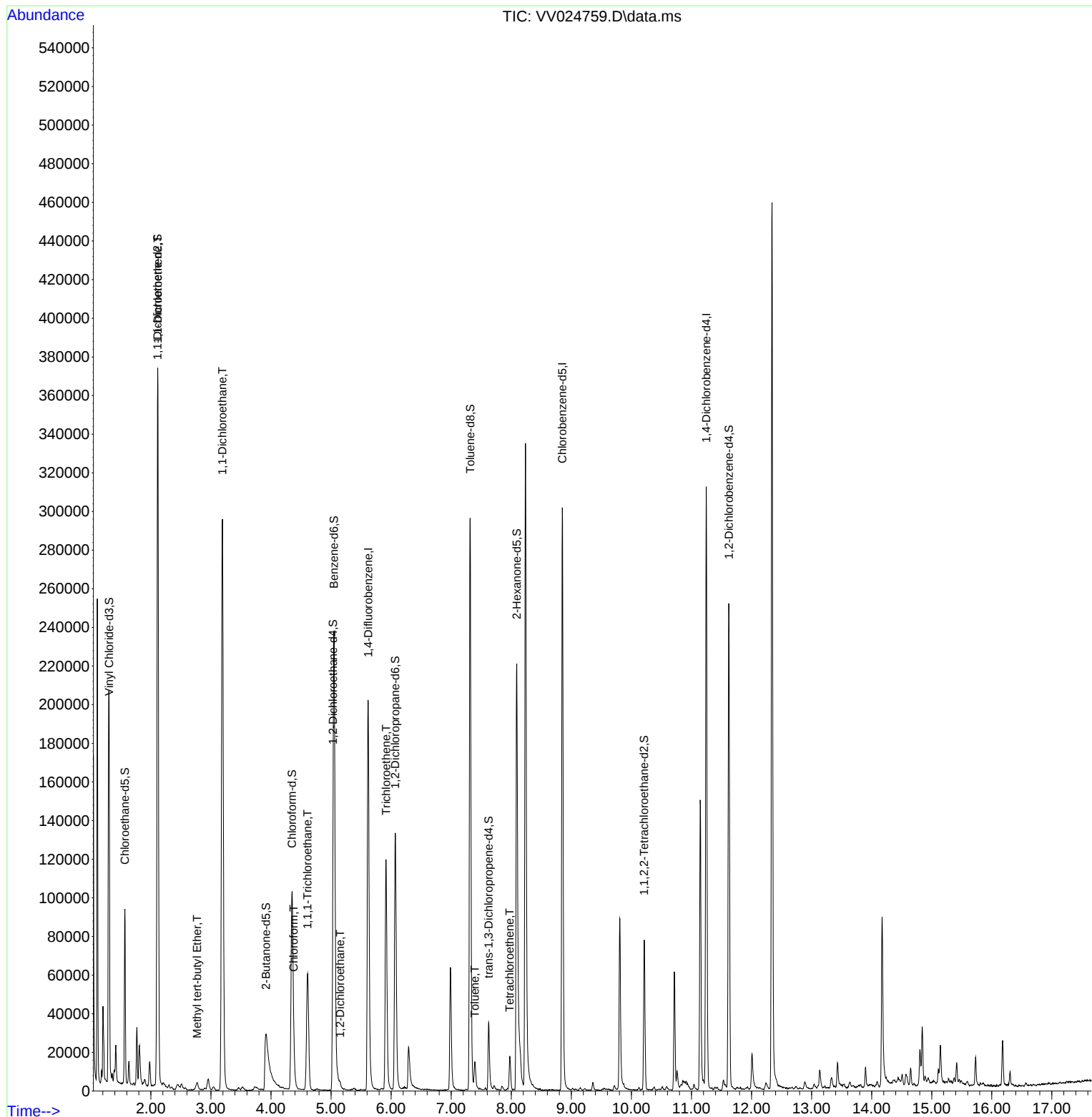
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	181474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75960	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63513	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.568	69	54833	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.111	63	127308	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.918	46	85699	38.979	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.960%
24) Chloroform-d	4.349	84	108139	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.034	65	48447	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.050	84	224521	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.069	67	68306	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.317	98	196330	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	21811	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.092	63	88760	48.043	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39241	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	62016	4.718	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	81877	5.794	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	2695	0.097	ug/L #	57
19) 1,1-Dichloroethane	3.191	63	307757	12.176	ug/L	99
25) Chloroform	4.378	83	9548	0.362	ug/L	91
27) 1,2-Dichloroethane	5.150	62	3148	0.223	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	50442	2.264	ug/L	97
34) Trichloroethene	5.915	95	37620	2.527	ug/L	98
42) Toluene	7.394	91	12013	0.201	ug/L	97
47) Tetrachloroethene	7.976	164	3808	0.376	ug/L	92

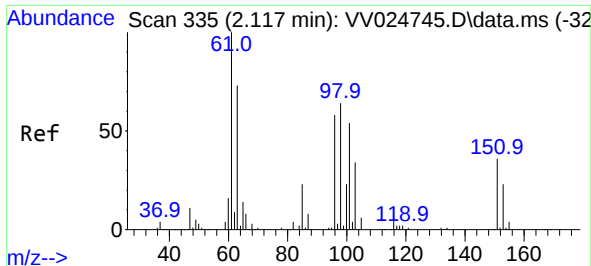
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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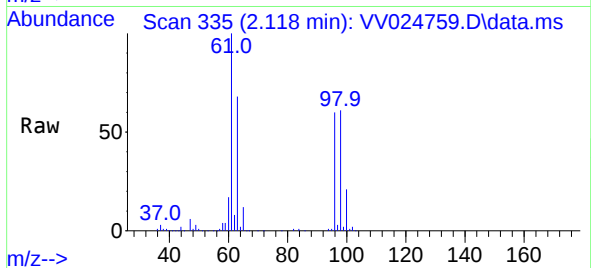
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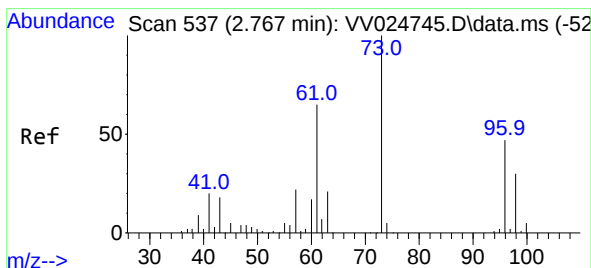
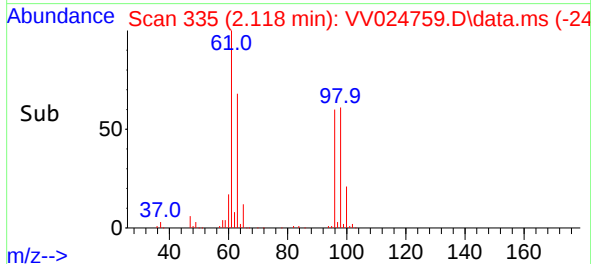
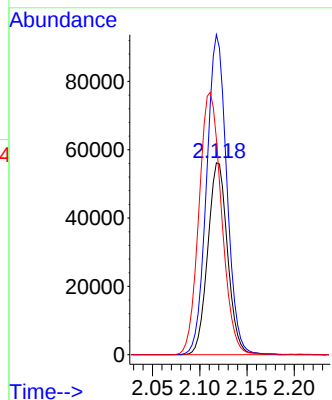
#12
1,1-Dichloroethene
Concen: 5.794 ug/L
RT: 2.118 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

Instrument :
MSVOA_V
ClientSampleId :
BFY07



Tgt Ion: 96 Resp: 81877

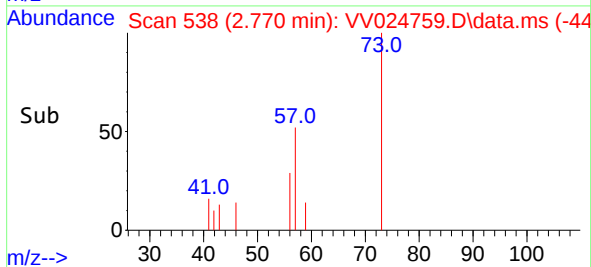
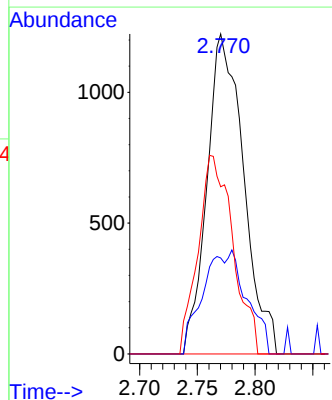
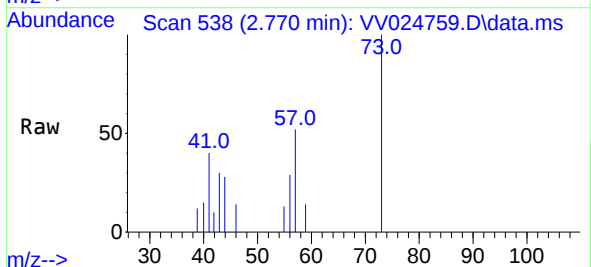
Ion	Ratio	Lower	Upper
96	100		
61	166.8	116.3	216.1
63	112.6	86.0	159.6

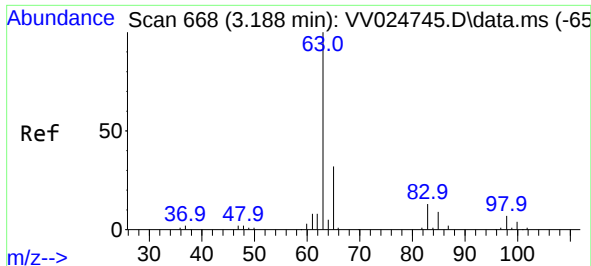


#17
Methyl tert-butyl Ether
Concen: 0.097 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 73 Resp: 2695

Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.1	22.7
57	58.9	17.4	26.2

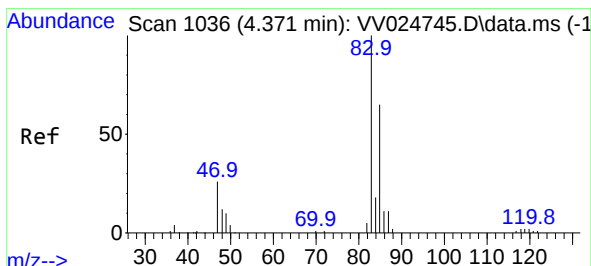
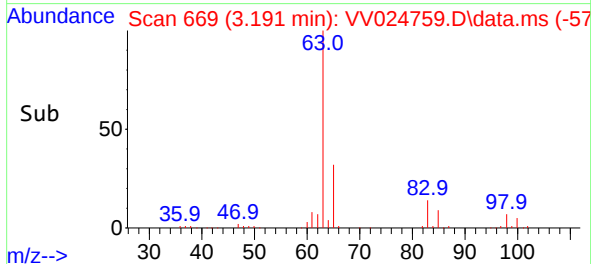
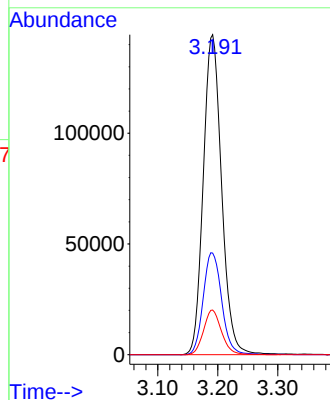
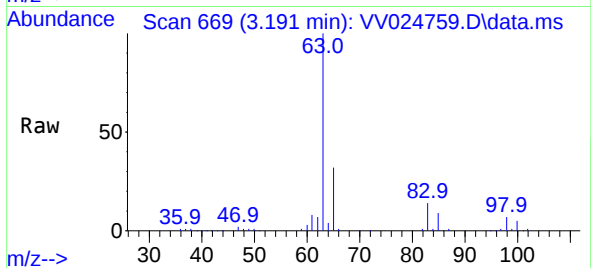




#19
1,1-Dichloroethane
Concen: 12.176 ug/L
RT: 3.191 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

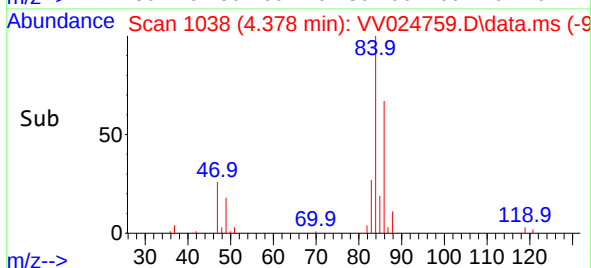
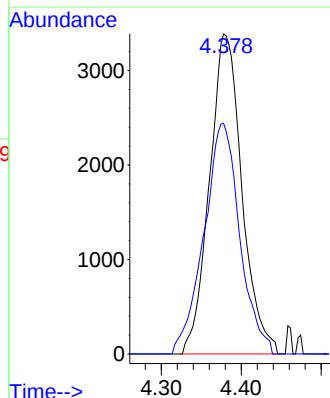
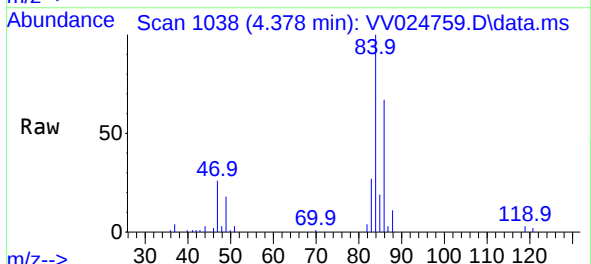
Instrument :
MSVOA_V
ClientSampleId :
BFY07

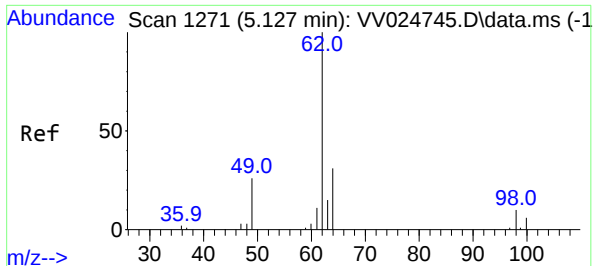
Tgt Ion: 63 Resp: 307757
Ion Ratio Lower Upper
63 100
65 31.7 22.0 40.8
83 13.9 9.5 17.7



#25
Chloroform
Concen: 0.362 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 83 Resp: 9548
Ion Ratio Lower Upper
83 100
85 72.1 45.5 84.5

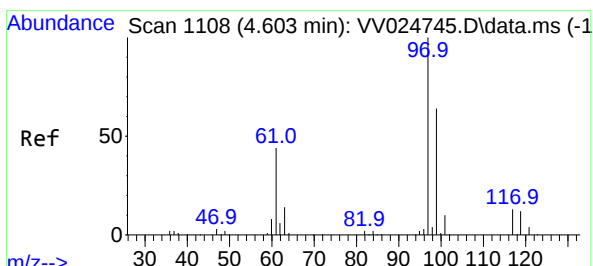
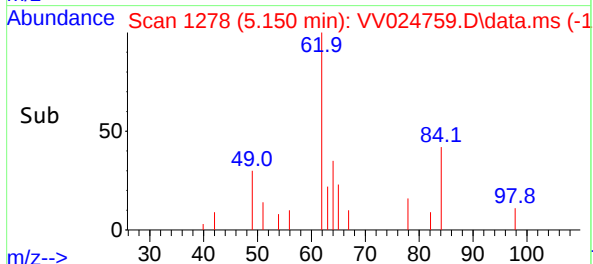
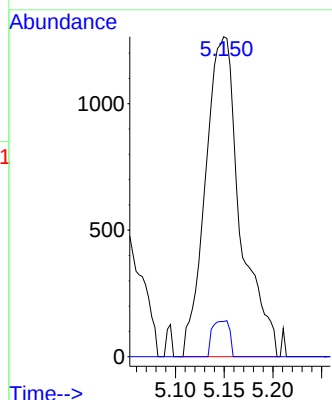
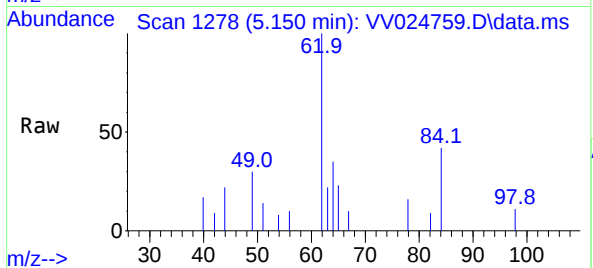




#27
1,2-Dichloroethane
Concen: 0.223 ug/L
RT: 5.150 min Scan# 1110
Delta R.T. 0.023 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

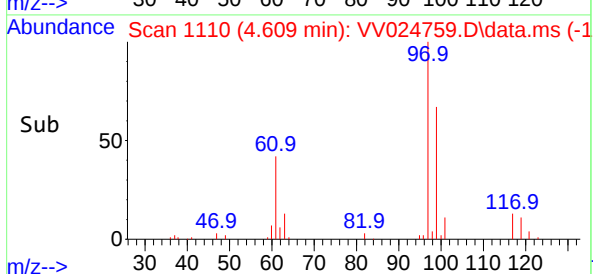
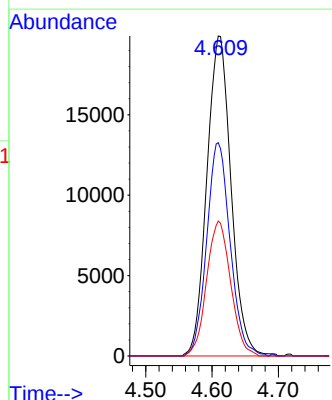
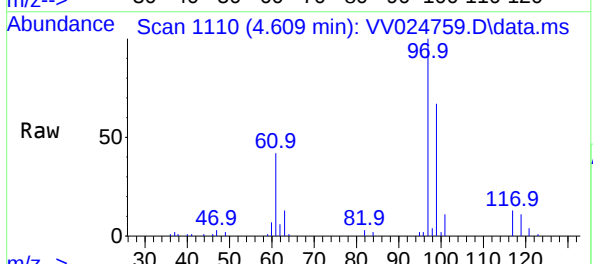
Instrument :
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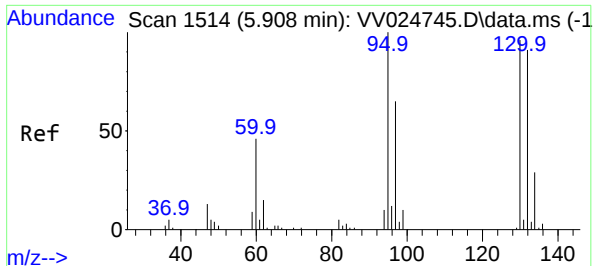
Tgt Ion: 62 Resp: 3148
Ion Ratio Lower Upper
62 100
98 11.0 8.2 12.2



#29
1,1,1-Trichloroethane
Concen: 2.264 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.007 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 97 Resp: 50442
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 41.8 35.8 53.6





#34

Trichloroethene

Concen: 2.527 ug/L

RT: 5.915 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV024759.D

Acq: 18 Feb 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

BFY07

Tgt Ion: 95 Resp: 37620

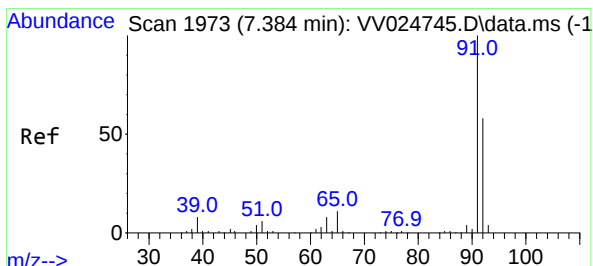
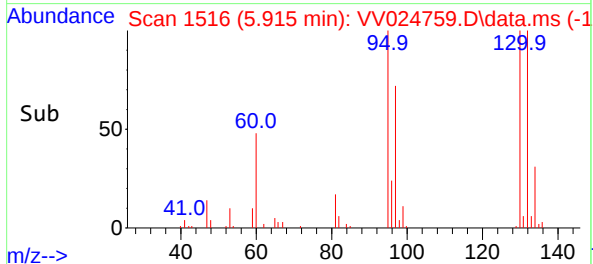
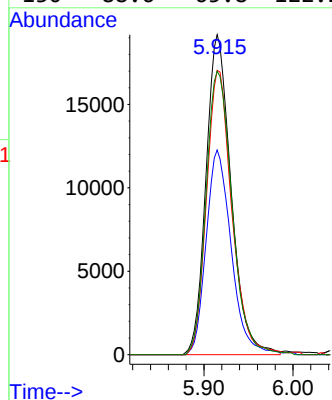
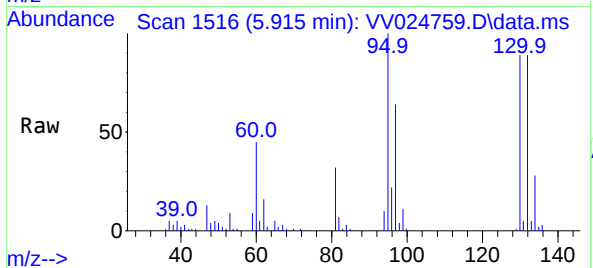
Ion Ratio Lower Upper

95 100

97 64.0 44.2 82.0

132 88.9 62.1 115.3

130 88.6 65.8 122.2



#42

Toluene

Concen: 0.201 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV024759.D

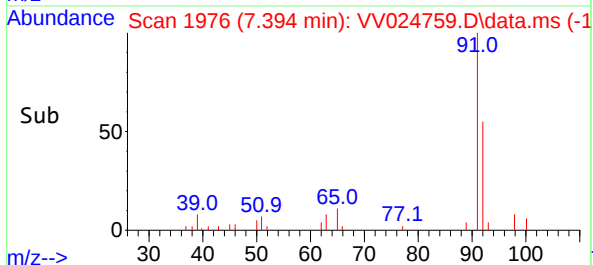
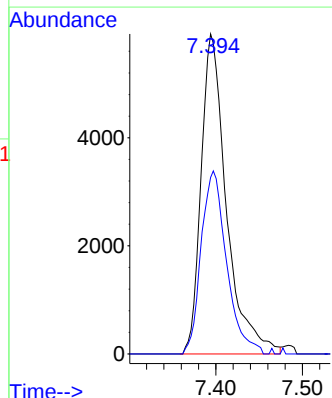
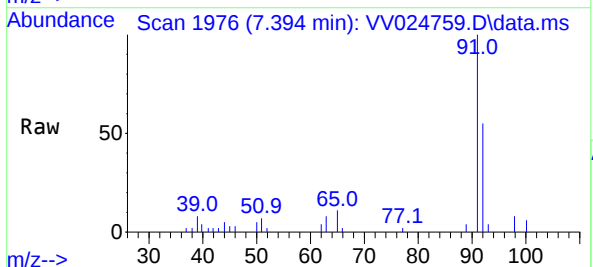
Acq: 18 Feb 2022 17:27

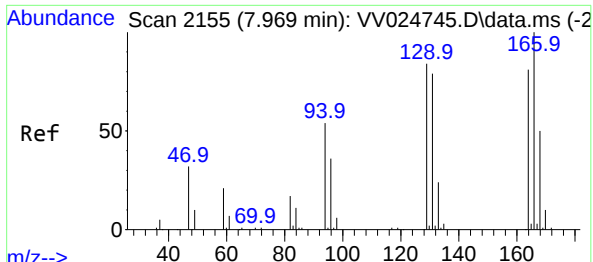
Tgt Ion: 91 Resp: 12013

Ion Ratio Lower Upper

91 100

92 55.2 40.3 74.9





#47
Tetrachloroethene
Concen: 0.376 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.007 min
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Tgt Ion:164 Resp: 3808

Ion	Ratio	Lower	Upper
164	100		
129	96.0	70.3	130.7
131	90.1	67.7	125.7
166	111.8	88.3	164.1

