

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023499.D
 Acq On : 15 Nov 2021 21:57
 Operator : SY/MD
 Sample : M4617-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG207

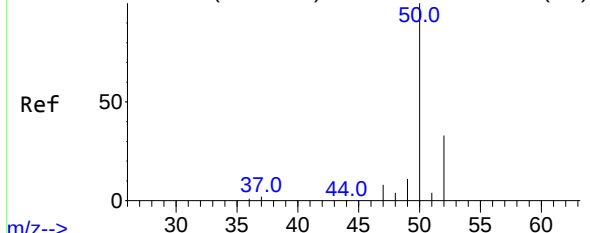
Quant Time: Nov 16 05:15:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122092	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39008	5.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.568	69	32185	5.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.111	63	63981	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.908	46	65822	49.952	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.900%
24) Chloroform-d	4.352	84	75710	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.037	65	35307	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.050	84	144794	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.072	67	42933	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	124494	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.628	79	15408	4.399	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.091	63	44083	34.206	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26138	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	48241	5.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1109	0.110	ug/L	99
9) Trichlorofluoromethane	1.754	101	3195504	210.378	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	31709	4.147	ug/L	96
12) 1,1-Dichloroethene	2.121	96	21426	2.943	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	80451	5.020	ug/L	96
19) 1,1-Dichloroethane	3.191	63	117513	7.777	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	4577	0.531	ug/L #	86
25) Chloroform	4.375	83	9370	0.582	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	11522	0.776	ug/L	98
31) Carbon tetrachloride	4.831	117	1702	0.128	ug/L	91
34) Trichloroethene	5.915	95	57288	6.302	ug/L	95
47) Tetrachloroethene	7.979	164	1956	0.248	ug/L	91

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

Abundance Scan 63 (1.243 min): VV023495.D\data.ms (-54)



#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV023499.D

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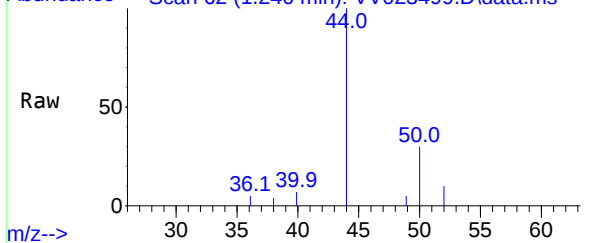
Tgt Ion: 50 Resp: 1109

Ion Ratio Lower Upper

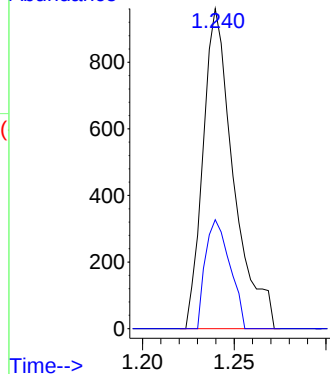
50 100

52 34.0 24.3 45.1

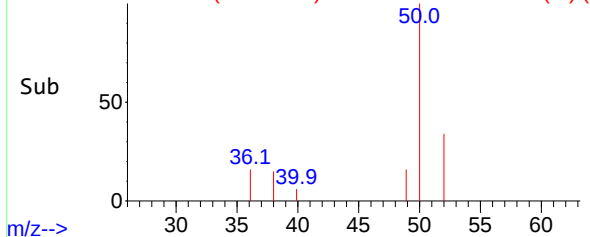
Abundance Scan 62 (1.240 min): VV023499.D\data.ms



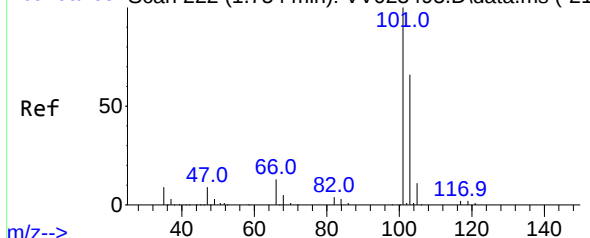
Abundance



Abundance Scan 62 (1.240 min): VV023499.D\data.ms (-1)



Abundance Scan 222 (1.754 min): VV023495.D\data.ms (-21)



#9

Trichlorofluoromethane

Concen: 210.378 ug/L

RT: 1.754 min Scan# 222

Delta R.T. -0.000 min

Lab File: VV023499.D

Acq: 15 Nov 2021 21:57

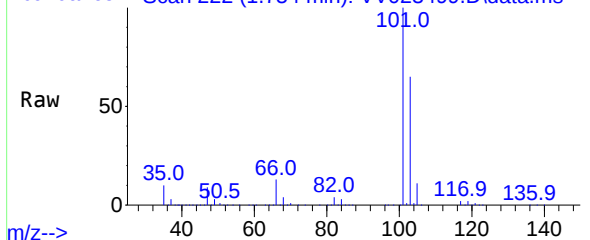
Tgt Ion:101 Resp: 3195504

Ion Ratio Lower Upper

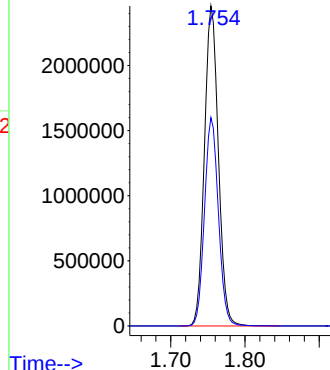
101 100

103 65.0 52.6 79.0

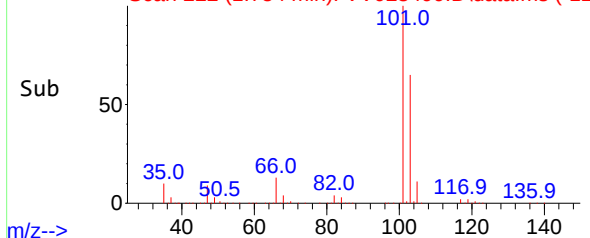
Abundance Scan 222 (1.754 min): VV023499.D\data.ms

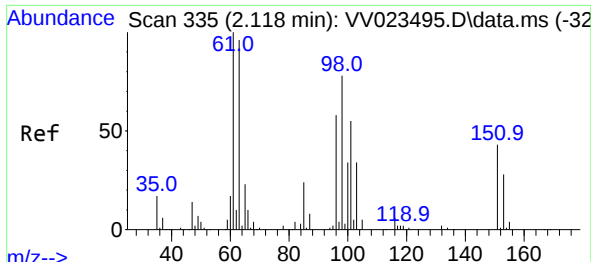


Abundance



Abundance Scan 222 (1.754 min): VV023499.D\data.ms (-12)

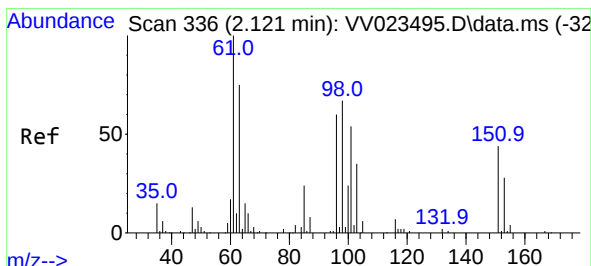
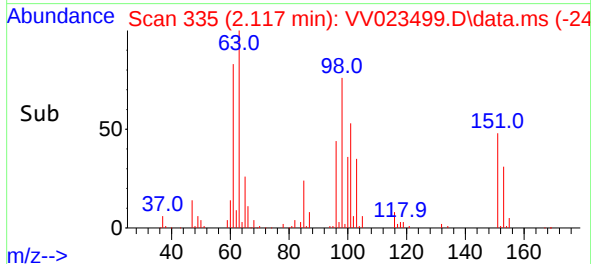
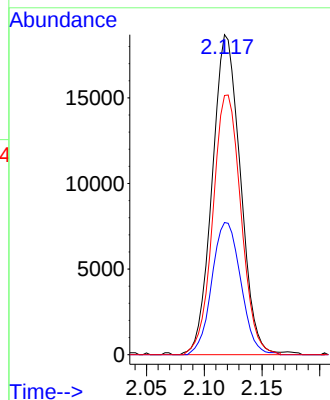
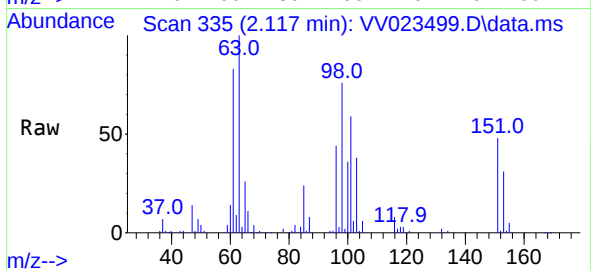




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.147 ug/L
RT: 2.117 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

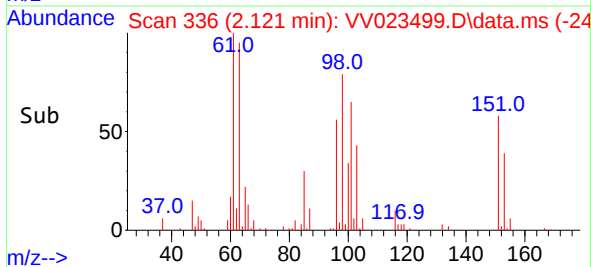
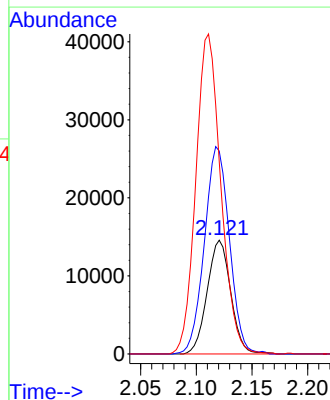
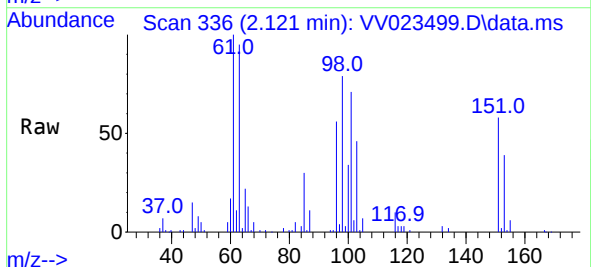
Instrument :
MSVOA_V
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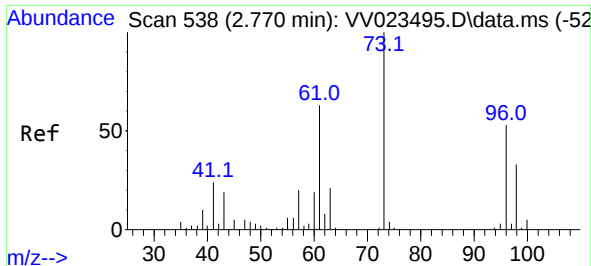
Tgt Ion:101 Resp: 31709
Ion Ratio Lower Upper
101 100
85 42.3 35.3 52.9
151 81.2 62.2 93.2



#12
1,1-Dichloroethene
Concen: 2.943 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion: 96 Resp: 21426
Ion Ratio Lower Upper
96 100
61 178.4 121.5 225.7
63 169.1 99.6 185.0

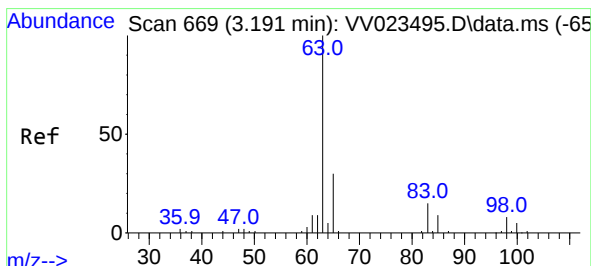
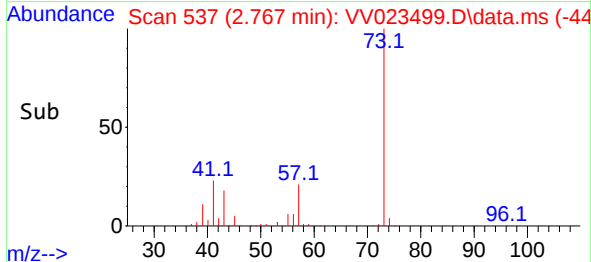
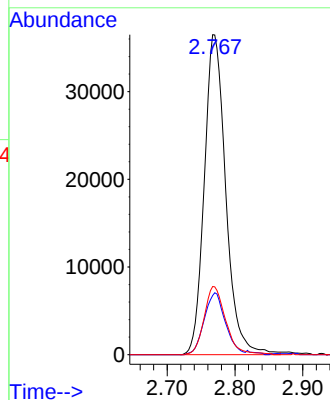
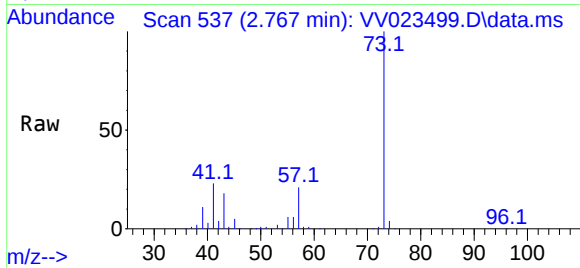




#17
Methyl tert-butyl Ether
Concen: 5.020 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

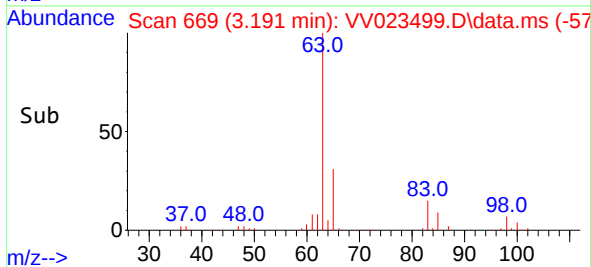
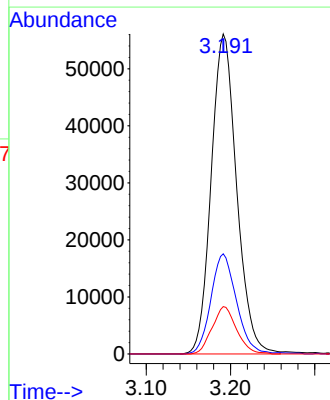
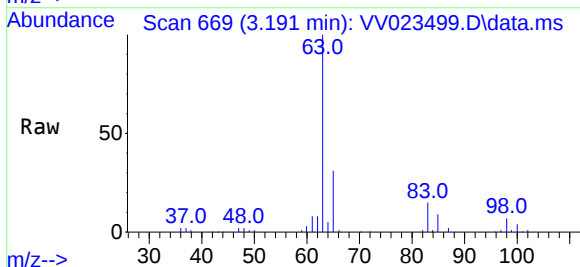
Instrument :
MSVOA_V
ClientSampleId :
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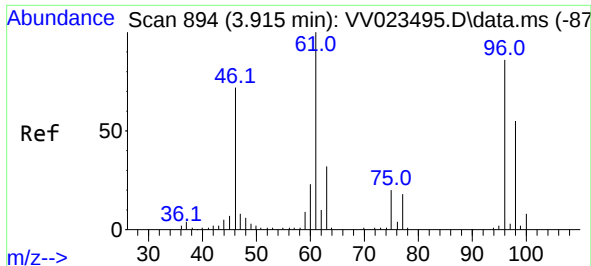
Tgt Ion:	73	Resp:	80451
Ion	Ratio	Lower	Upper
73	100		
43	19.0	17.4	26.0
57	21.3	16.5	24.7



#19
1,1-Dichloroethane
Concen: 7.777 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion:	63	Resp:	117513
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.6	42.0
83	14.8	11.1	20.7

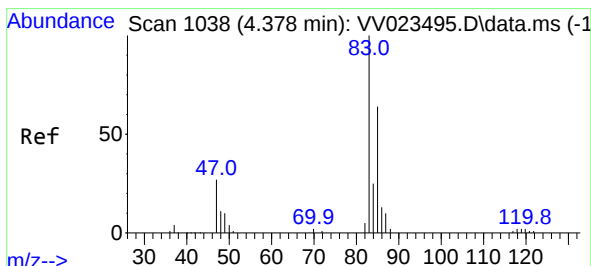
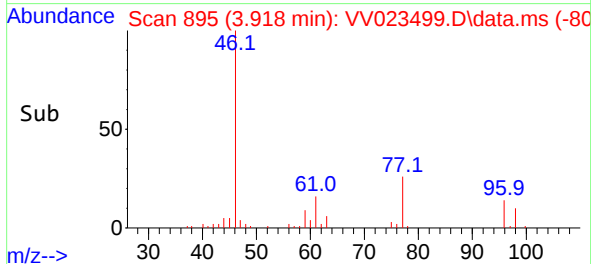
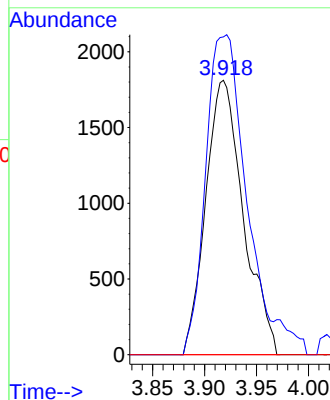
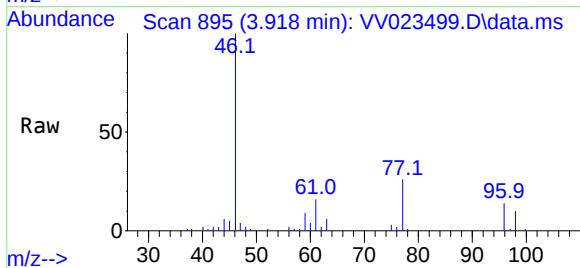




#22
cis-1,2-Dichloroethene
Concen: 0.531 ug/L
RT: 3.918 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

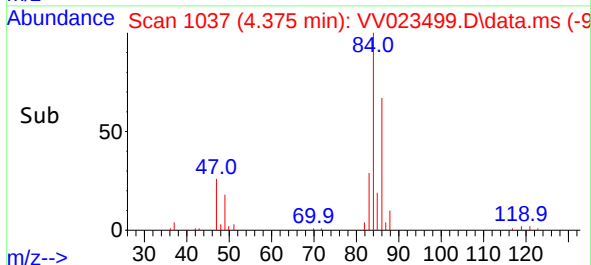
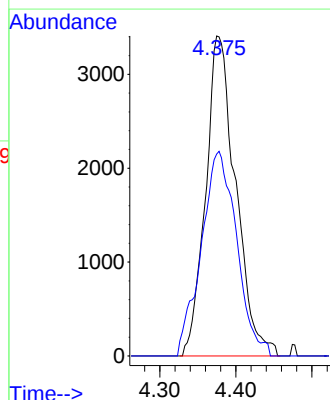
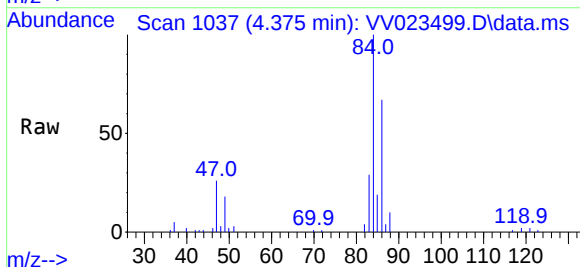
Instrument :
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ClientSampleId :
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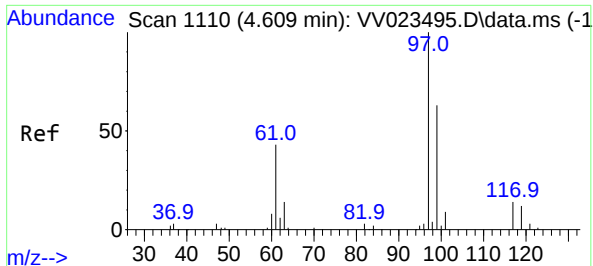
Tgt Ion: 96 Resp: 4577
Ion Ratio Lower Upper
96 100
61 115.8 92.3 171.3
68 0.0 0.4 0.8#



#25
Chloroform
Concen: 0.582 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion: 83 Resp: 9370
Ion Ratio Lower Upper
83 100
85 63.1 46.8 86.8

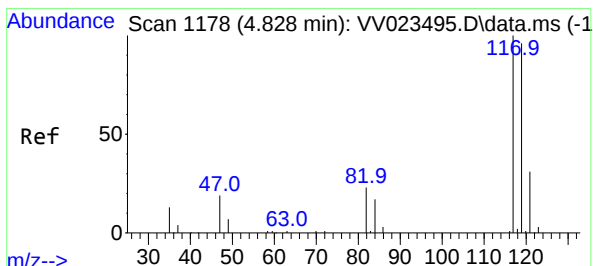
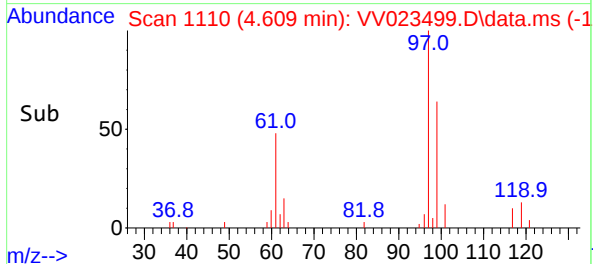
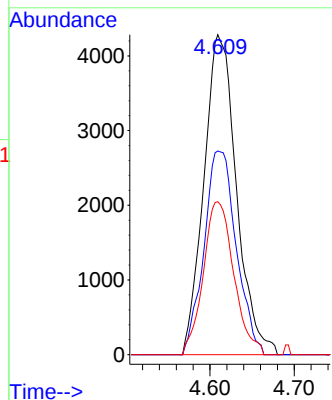
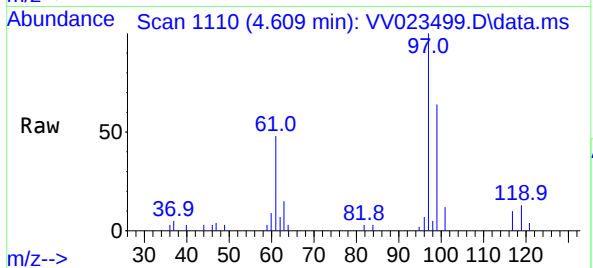




#29
1,1,1-Trichloroethane
Concen: 0.776 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

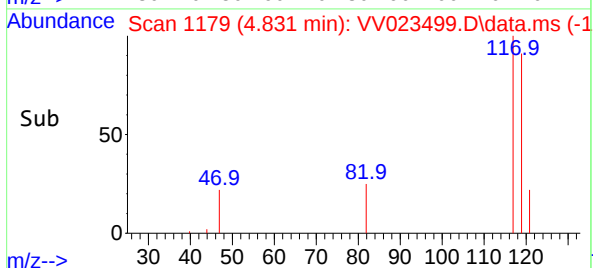
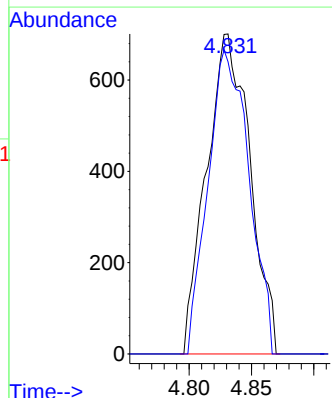
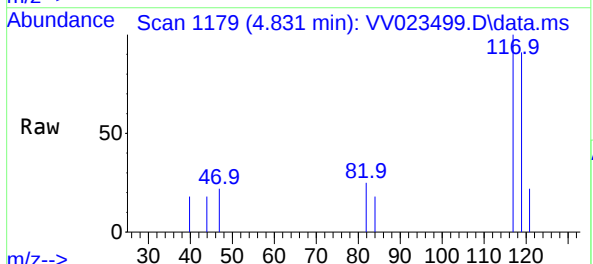
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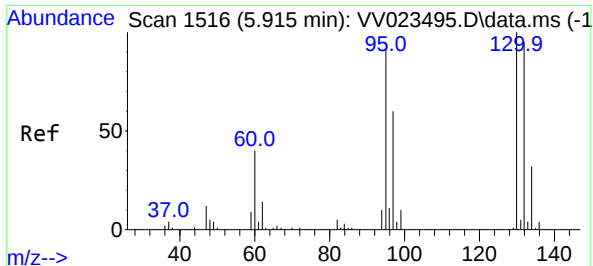
Tgt Ion: 97	Resp: 11522		
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.0	76.4
61	44.8	34.1	51.1



#31
Carbon tetrachloride
Concen: 0.128 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion:117	Resp:	1702	
Ion	Ratio	Lower	Upper
117	100		
119	89.4	78.8	118.2



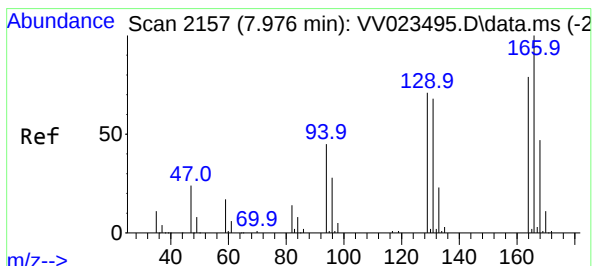
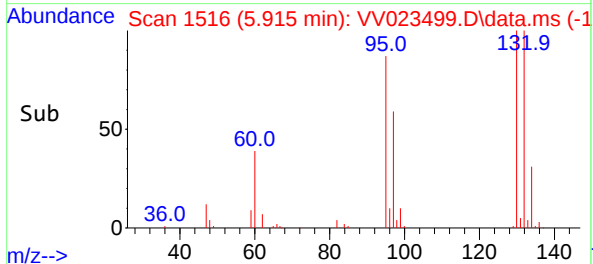
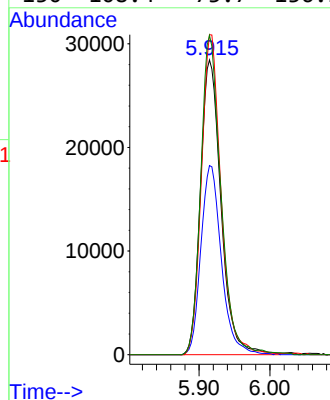
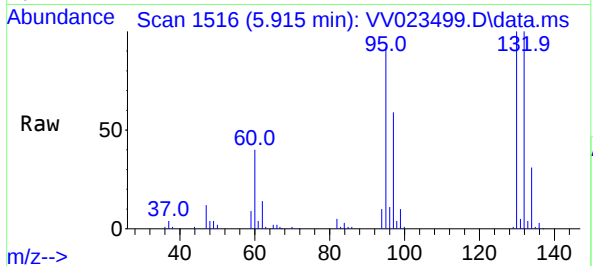


#34
Trichloroethene
Concen: 6.302 ug/L
RT: 5.915 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023499.D
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Tgt Ion: 95 Resp: 57288

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.0	83.6
132	108.6	69.7	129.4
130	108.4	73.7	136.9



#47
Tetrachloroethene
Concen: 0.248 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion: 164 Resp: 1956

Ion	Ratio	Lower	Upper
164	100		
129	80.0	64.0	119.0
131	84.2	63.4	117.8
166	137.2	89.3	165.9

