

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023493.D
 Acq On : 15 Nov 2021 19:30
 Operator : SY/MD
 Sample : M4617-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG227

Quant Time: Nov 16 00:35:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

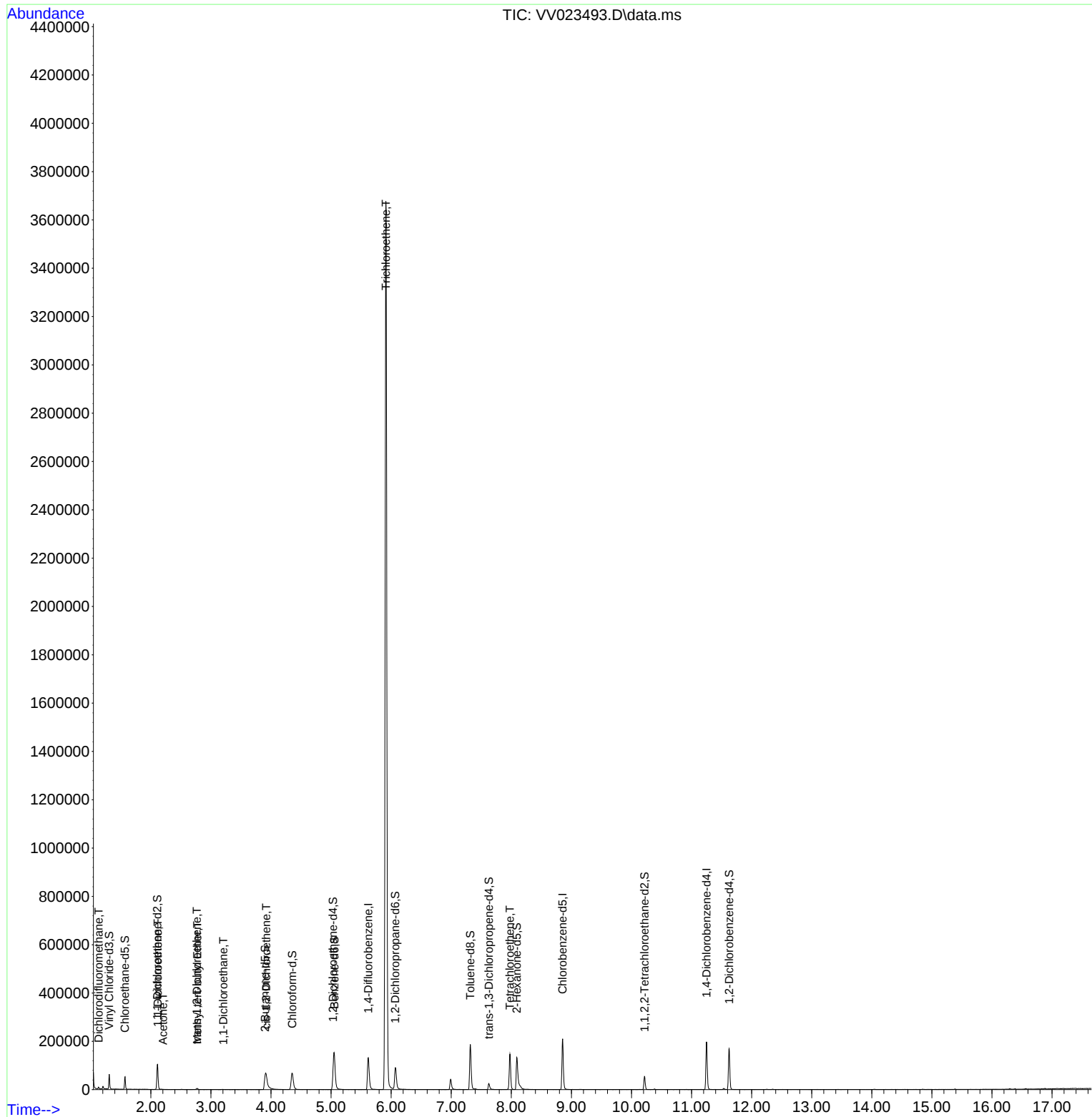
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118723	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38390	5.162	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.568	69	31460	5.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.108	63	53686	3.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.899	46	65524	51.136	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.280%
24) Chloroform-d	4.352	84	71744	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.034	65	34579	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.053	84	140541	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.069	67	43320	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.317	98	125249	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.625	79	14925	4.412	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.092	63	44723	35.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25856	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	45348	5.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	3436	0.297	ug/L	96
12) 1,1-Dichloroethene	2.117	96	2264	0.320	ug/L #	1
13) Acetone	2.201	43	1316	1.681	ug/L	54
17) Methyl tert-butyl Ether	2.773	73	2067	0.133	ug/L #	87
18) trans-1,2-Dichloroethene	2.767	96	1140	0.131	ug/L	85
19) 1,1-Dichloroethane	3.204	63	853	0.058	ug/L #	86
22) cis-1,2-Dichloroethene	3.918	96	25186	3.007	ug/L #	82
34) Trichloroethene	5.912	95	1216424	138.563	ug/L	99
47) Tetrachloroethene	7.976	164	33232	4.368	ug/L	98

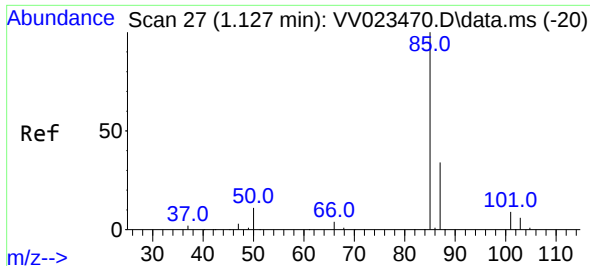
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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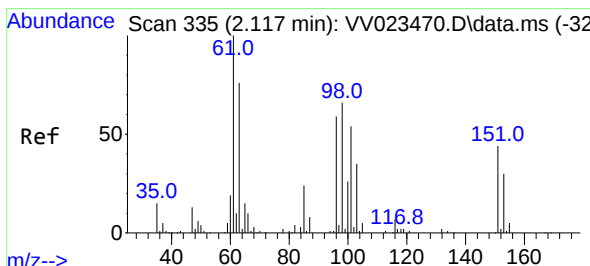
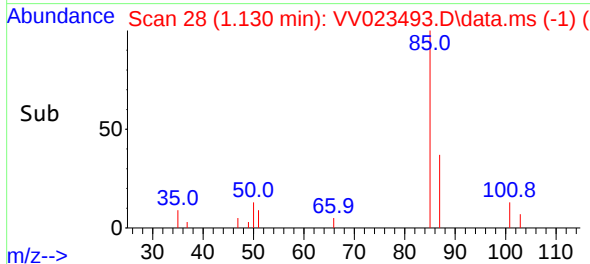
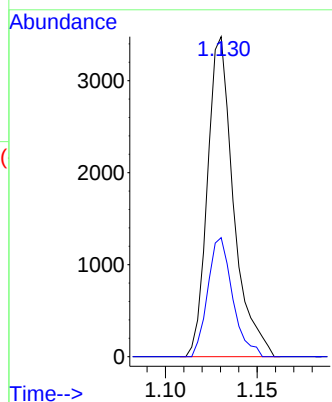
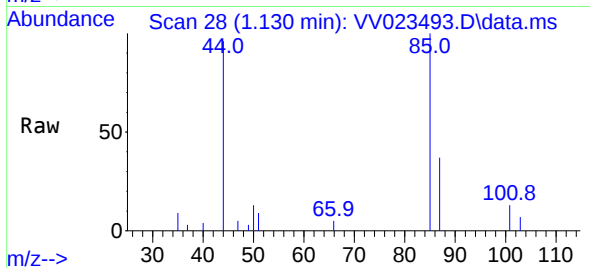




#2
Dichlorodifluoromethane
Concen: 0.297 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023493.D
Acq: 15 Nov 2021 19:30

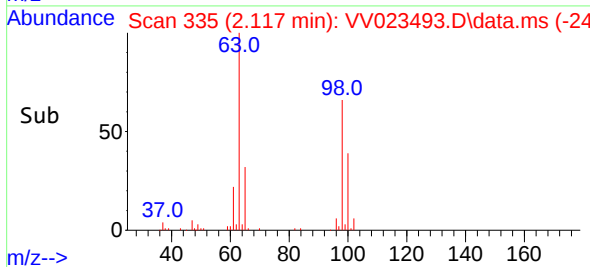
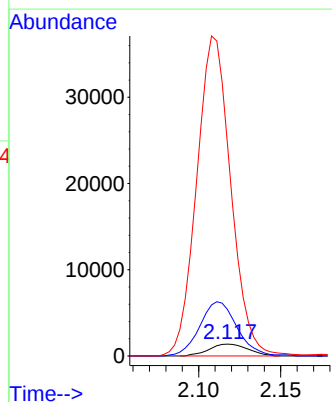
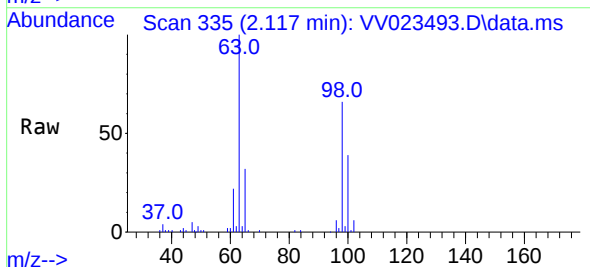
Instrument :
MSVOA_V
ClientSampleId :
BG227

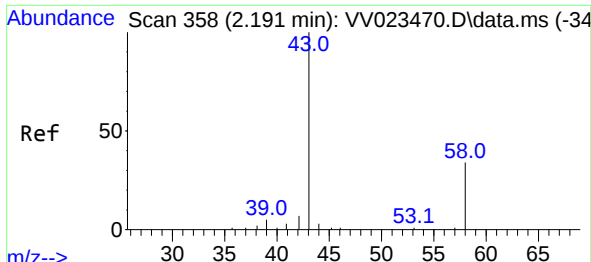
Tgt Ion: 85 Resp: 3436
Ion Ratio Lower Upper
85 100
87 35.4 26.6 39.8



#12
1,1-Dichloroethene
Concen: 0.320 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023493.D
Acq: 15 Nov 2021 19:30

Tgt Ion: 96 Resp: 2264
Ion Ratio Lower Upper
96 100
61 395.1 121.5 225.7#
63 1804.4 99.6 185.0#





#13

Acetone

Concen: 1.681 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV023493.D

Acq: 15 Nov 2021 19:30

Instrument :

MSVOA_V

ClientSampleId :

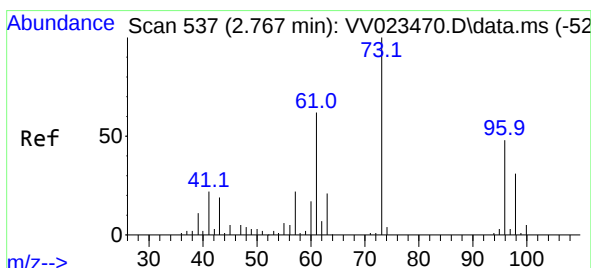
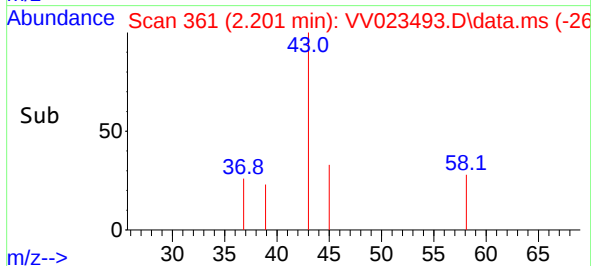
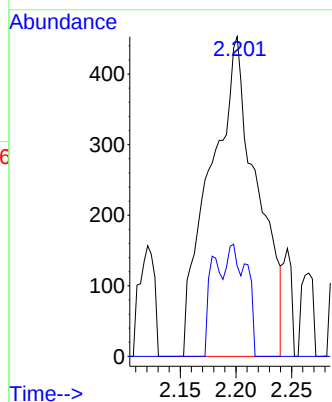
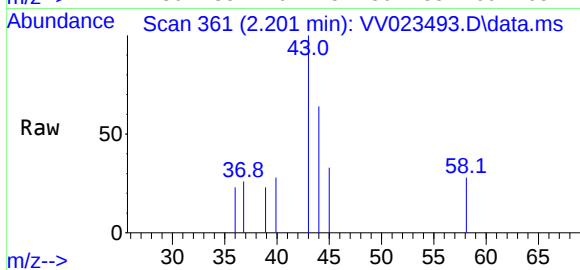
BG227

Tgt Ion: 43 Resp: 1316

Ion Ratio Lower Upper

43 100

58 3.7 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 0.133 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.007 min

Lab File: VV023493.D

Acq: 15 Nov 2021 19:30

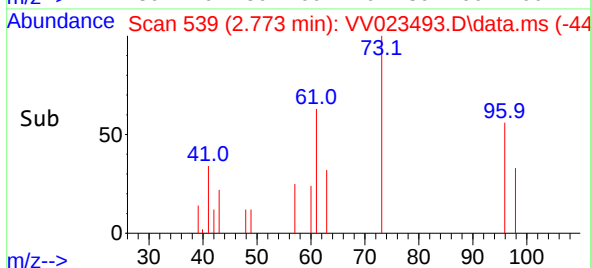
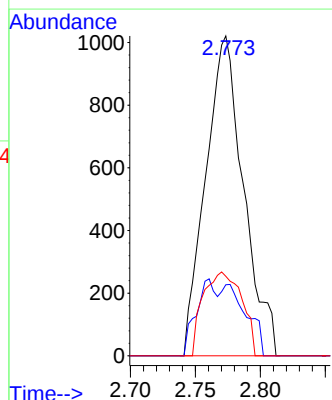
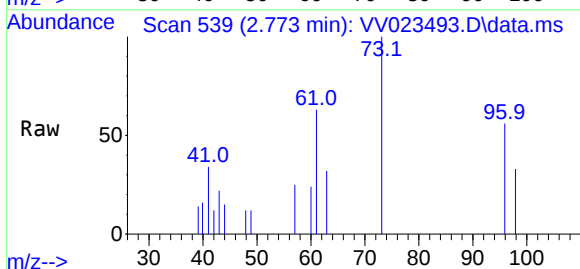
Tgt Ion: 73 Resp: 2067

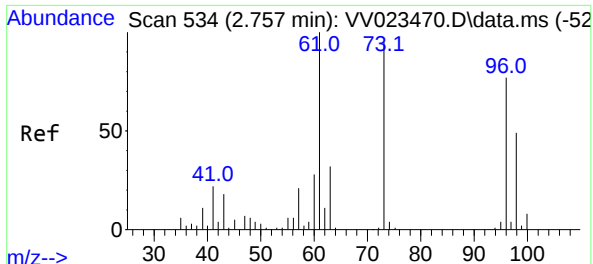
Ion Ratio Lower Upper

73 100

43 15.3 17.4 26.0#

57 26.9 16.5 24.7#

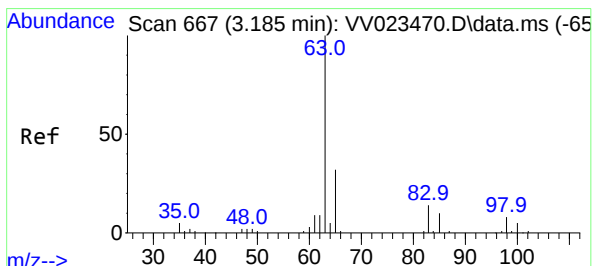
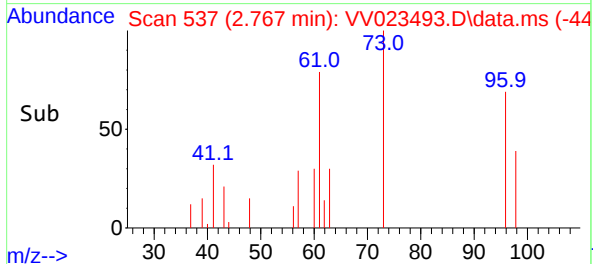
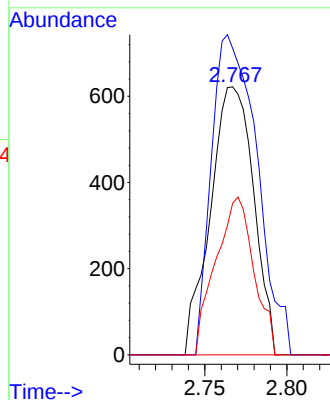
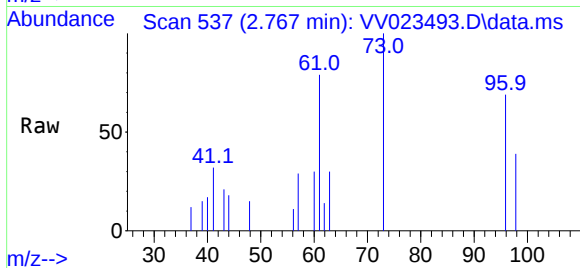




#18
trans-1,2-Dichloroethene
Concen: 0.131 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.010 min
Lab File: VV023493.D
Acq: 15 Nov 2021 19:30

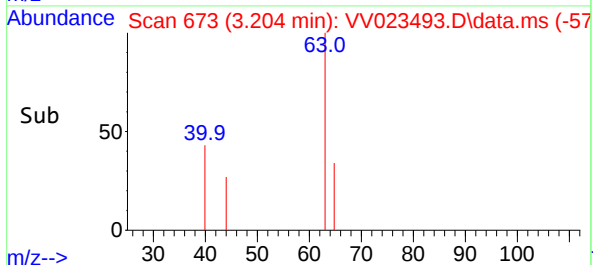
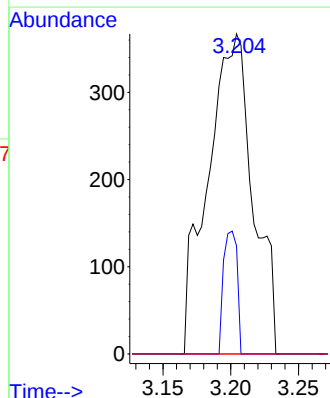
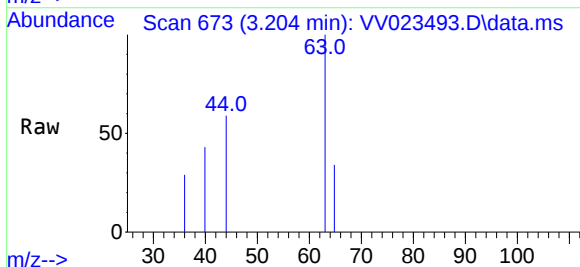
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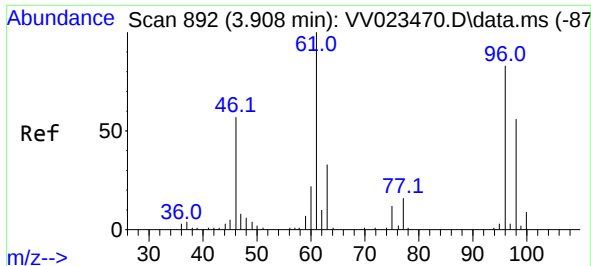
Tgt Ion: 96 Resp: 1140
Ion Ratio Lower Upper
96 100
61 114.3 93.2 173.2
98 56.6 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.058 ug/L
RT: 3.204 min Scan# 673
Delta R.T. 0.019 min
Lab File: VV023493.D
Acq: 15 Nov 2021 19:30

Tgt Ion: 63 Resp: 853
Ion Ratio Lower Upper
63 100
65 33.8 22.6 42.0
83 0.0 11.1 20.7#

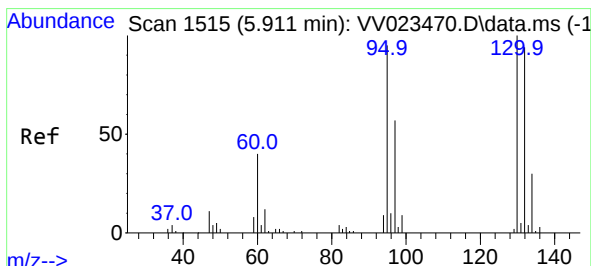
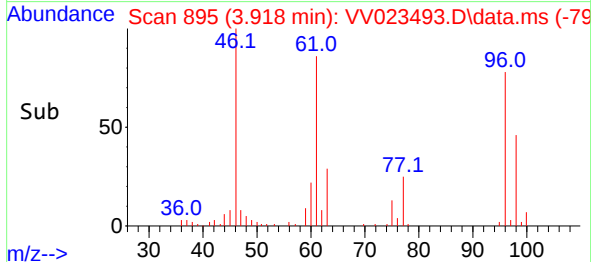
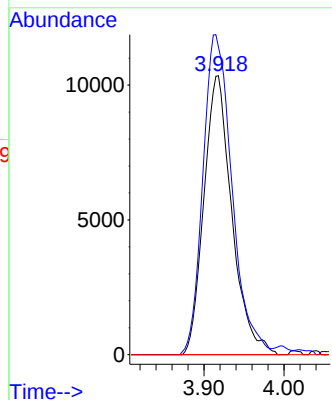
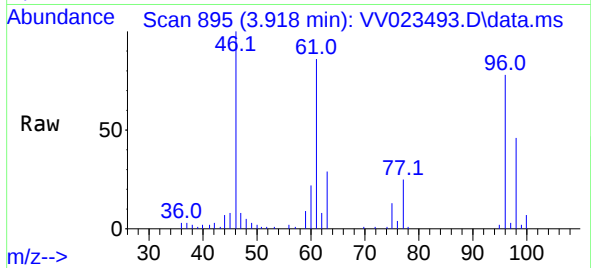




#22
cis-1,2-Dichloroethene
Concen: 3.007 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023493.D
Acq: 15 Nov 2021 19:30

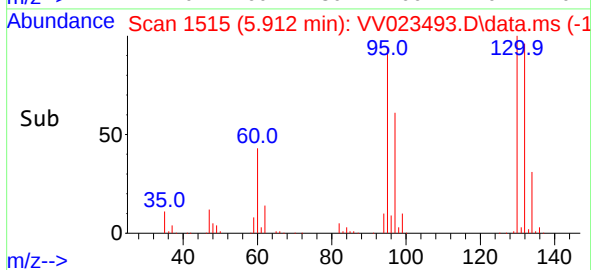
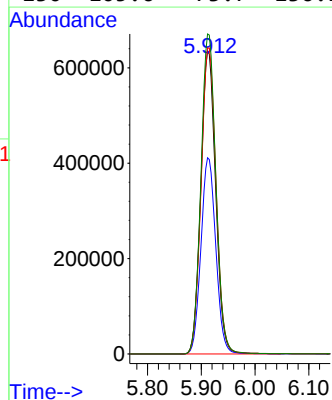
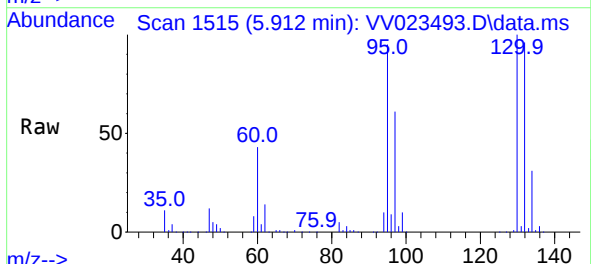
Instrument :
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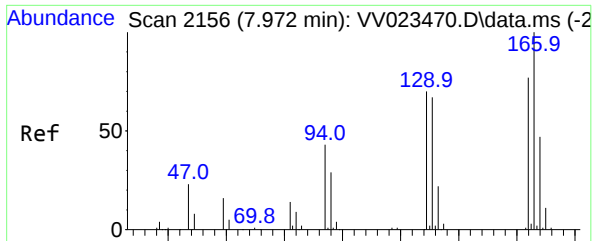
Tgt Ion: 96 Resp: 25186
Ion Ratio Lower Upper
96 100
61 110.3 92.3 171.3
68 0.0 0.4 0.8#



#34
Trichloroethene
Concen: 138.563 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023493.D
Acq: 15 Nov 2021 19:30

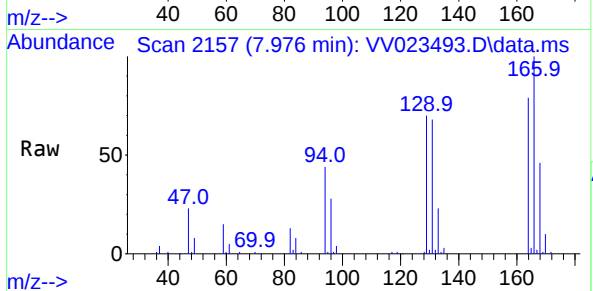
Tgt Ion: 95 Resp: 1216424
Ion Ratio Lower Upper
95 100
97 64.7 45.0 83.6
132 100.9 69.7 129.4
130 105.6 73.7 136.9





#47
Tetrachloroethene
Concen: 4.368 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023493.D
Acq: 15 Nov 2021 19:30

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 33232

Ion	Ratio	Lower	Upper
164	100		
129	89.1	64.0	119.0
131	85.8	63.4	117.8
166	127.0	89.3	165.9

