

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023494.D
 Acq On : 15 Nov 2021 19:54
 Operator : SY/MD
 Sample : M4616-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG204

Quant Time: Nov 16 00:35:38 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)

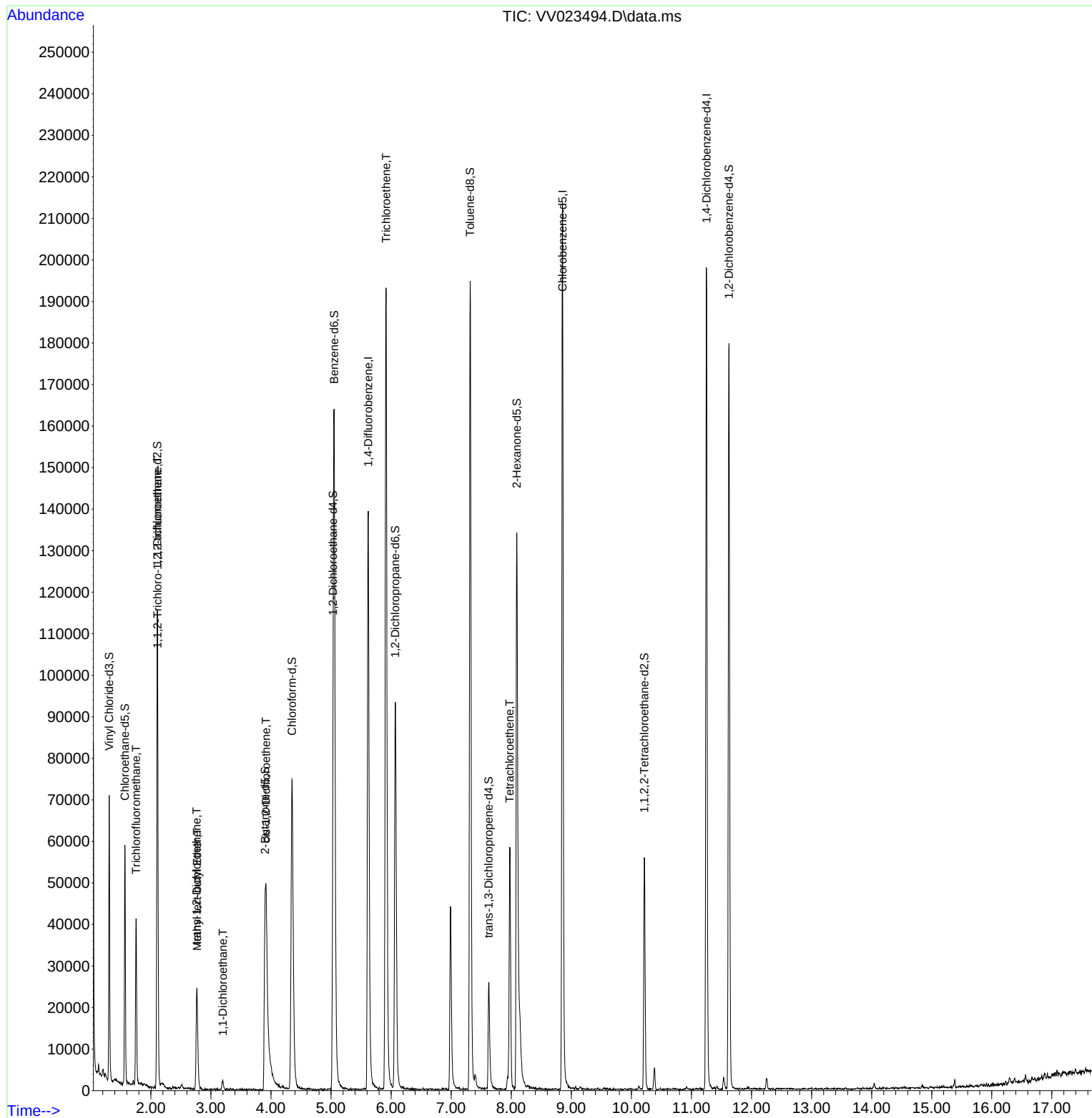
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121901	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121199	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42225	5.529	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.600%	
7) Chloroethane-d5	1.568	69	34761	5.585	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.800%	
11) 1,1-Dichloroethene-d2	2.108	63	57647	4.032	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5	3.902	46	67122	51.018	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.040%	
24) Chloroform-d	4.349	84	76497	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.034	65	35774	4.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.053	84	150111	4.827	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.069	67	44795	4.893	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.317	98	130871	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15293	4.406	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.092	63	44070	34.507	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	69.020%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25983	3.947	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48764	5.432	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	22227	1.466	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	804	0.105	ug/L #	55
17) Methyl tert-butyl Ether	2.770	73	9143	0.571	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	6193	0.693	ug/L	97
19) 1,1-Dichloroethane	3.198	63	2167	0.144	ug/L	85
22) cis-1,2-Dichloroethene	3.918	96	12437	1.446	ug/L #	91
34) Trichloroethene	5.915	95	66049	7.332	ug/L	98
47) Tetrachloroethene	7.976	164	13679	1.752	ug/L	96

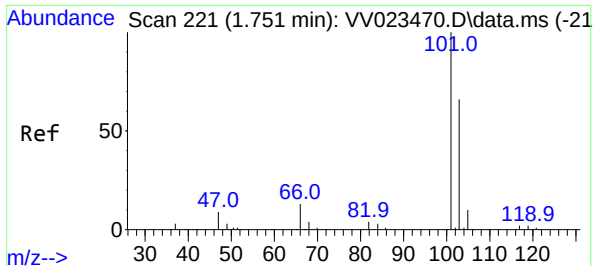
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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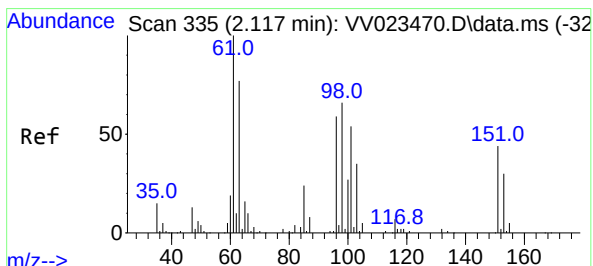
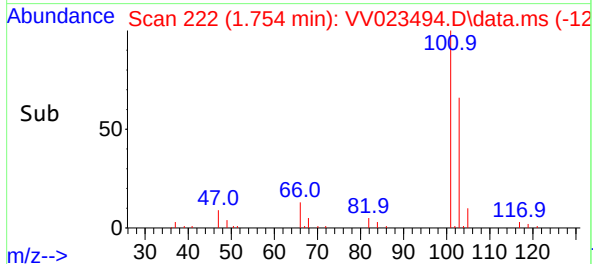
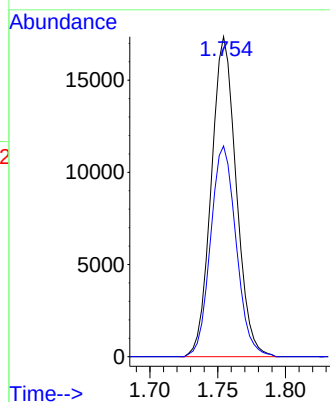
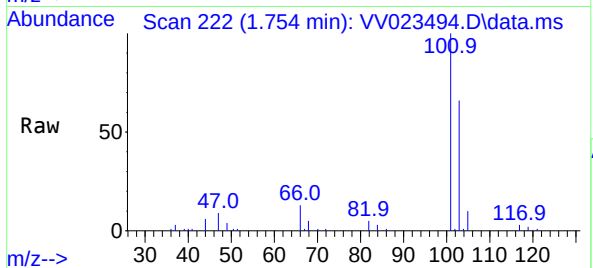




#9
Trichlorofluoromethane
Concen: 1.466 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

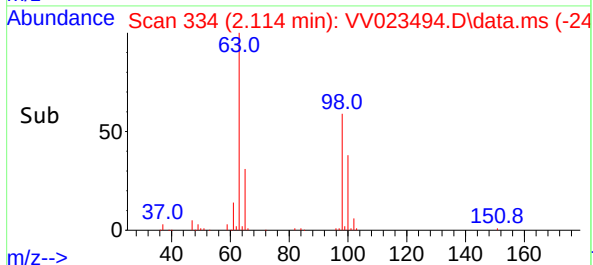
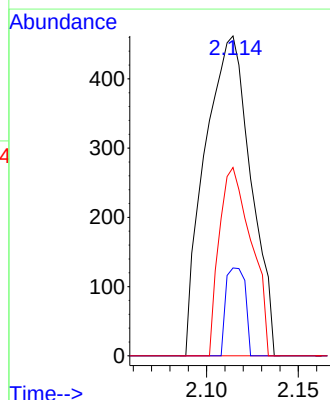
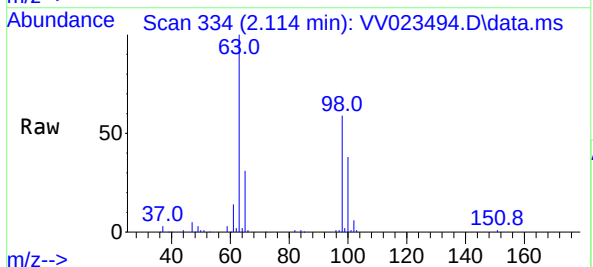
Instrument :
MSVOA_V
ClientSampleId :
BG204

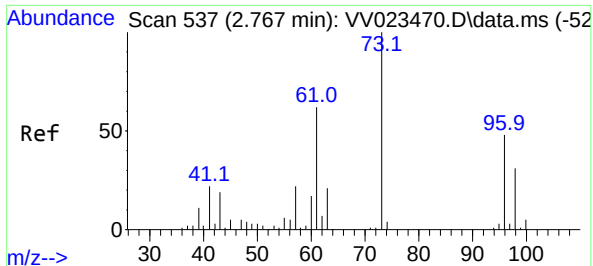
Tgt Ion:101 Resp: 22227
Ion Ratio Lower Upper
101 100
103 67.6 52.6 79.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.105 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

Tgt Ion:101 Resp: 804
Ion Ratio Lower Upper
101 100
85 11.4 35.3 52.9#
151 41.2 62.2 93.2#





#17

Methyl tert-butyl Ether

Concen: 0.571 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

BG204

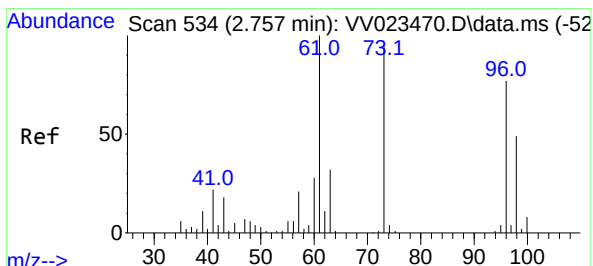
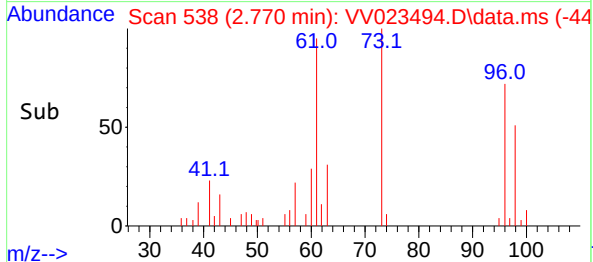
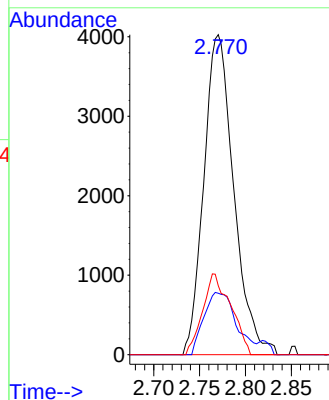
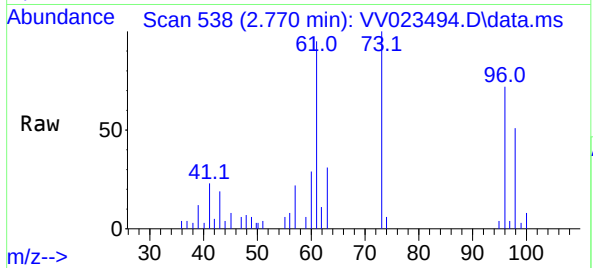
Tgt Ion: 73 Resp: 9143

Ion Ratio Lower Upper

73 100

43 21.0 17.4 26.0

57 23.8 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 0.693 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.007 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

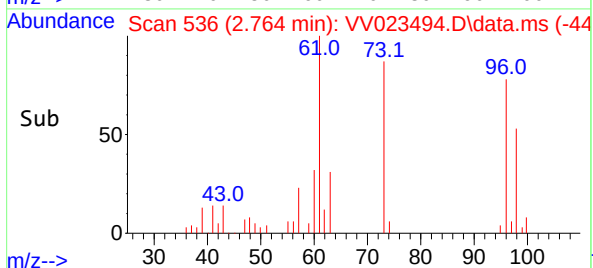
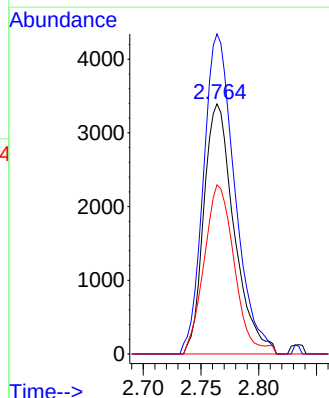
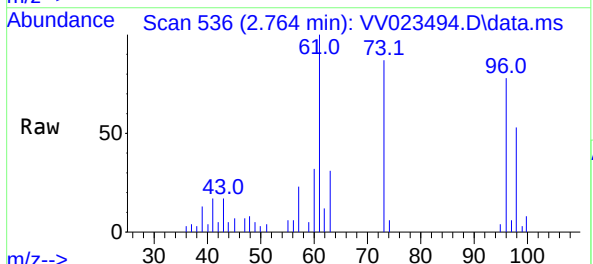
Tgt Ion: 96 Resp: 6193

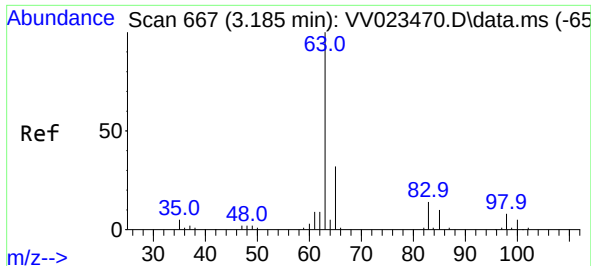
Ion Ratio Lower Upper

96 100

61 128.0 93.2 173.2

98 67.6 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.144 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.013 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

BG204

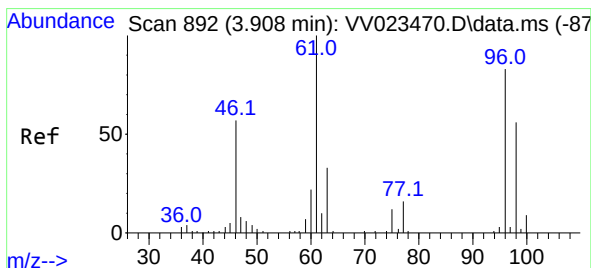
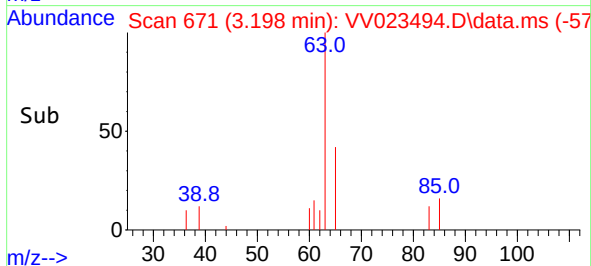
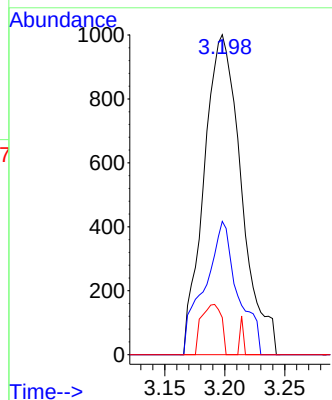
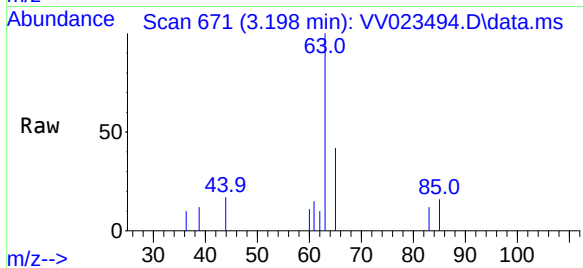
Tgt Ion: 63 Resp: 2167

Ion Ratio Lower Upper

63 100

65 41.7 22.6 42.0

83 11.6 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 1.446 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

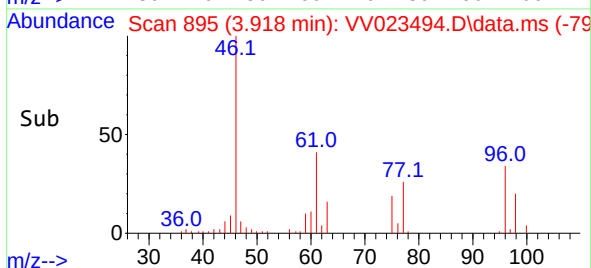
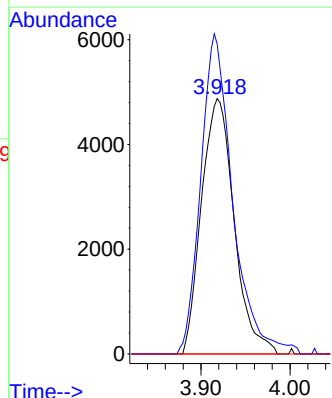
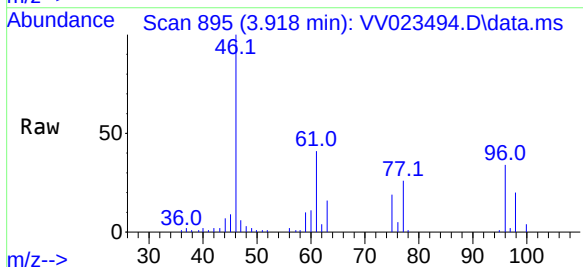
Tgt Ion: 96 Resp: 12437

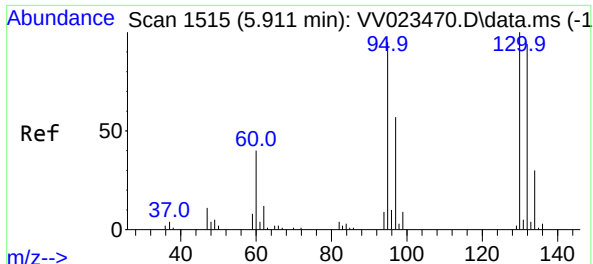
Ion Ratio Lower Upper

96 100

61 121.4 92.3 171.3

68 0.0 0.4 0.8#



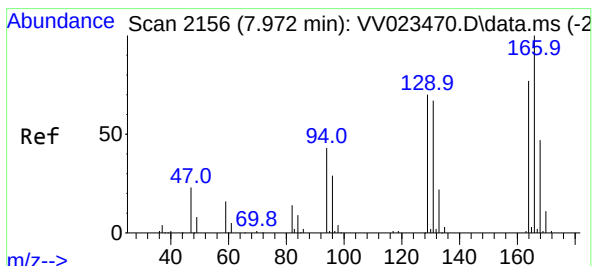
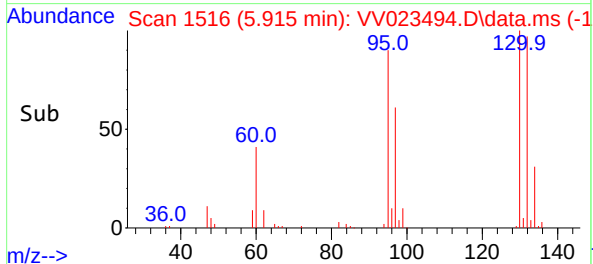
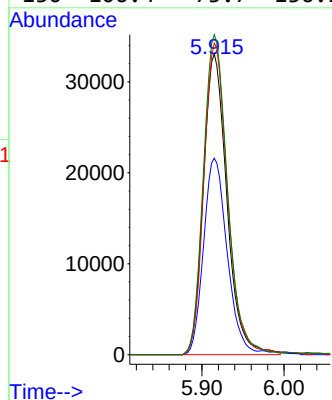
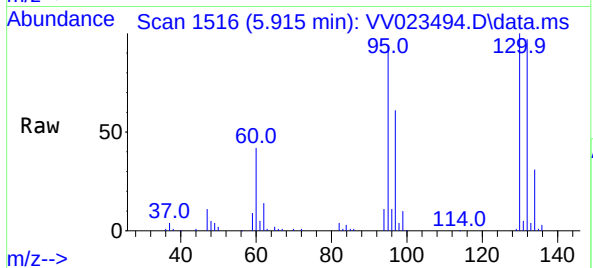


#34
Trichloroethene
Concen: 7.332 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

Instrument :
MSVOA_V
ClientSampleId :
BG204

Tgt Ion: 95 Resp: 66049

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.0	83.6
132	103.6	69.7	129.4
130	106.4	73.7	136.9



#47
Tetrachloroethene
Concen: 1.752 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

Tgt Ion: 164 Resp: 13679

Ion	Ratio	Lower	Upper
164	100		
129	88.8	64.0	119.0
131	88.3	63.4	117.8
166	120.8	89.3	165.9

