

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023519.D
 Acq On : 16 Nov 2021 05:53
 Operator : SY/MD
 Sample : M4616-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG205

Quant Time: Nov 16 07:56:43 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)

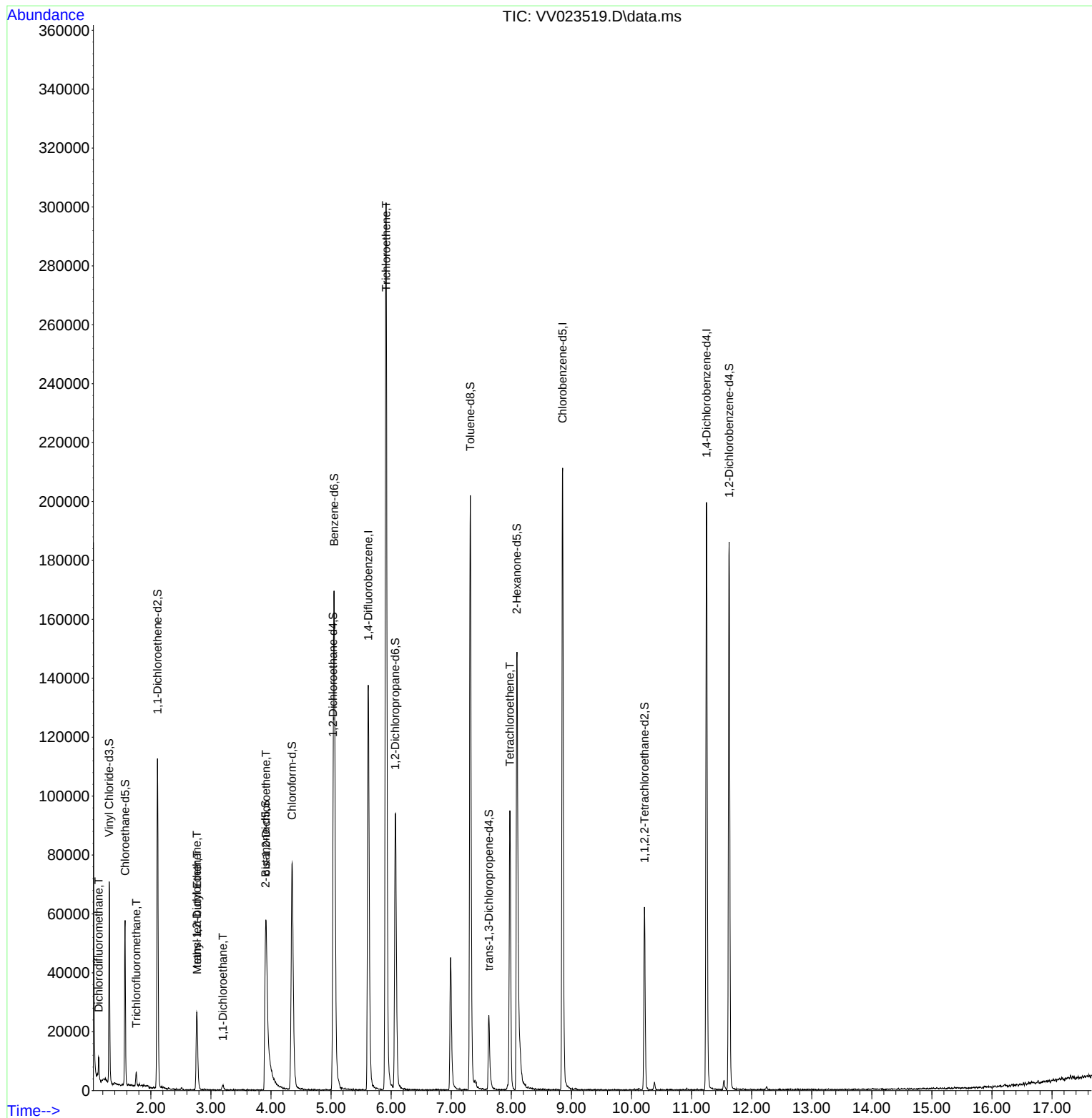
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122881	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41765	5.425	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.600%
7) Chloroethane-d5	1.571	69	33392	5.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.111	63	58769	4.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.909	46	71216	53.698	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.400%
24) Chloroform-d	4.349	84	78684	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.034	65	38289	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.050	84	155393	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	45043	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	137061	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.625	79	15851	4.567	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.092	63	51328	40.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28599	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	49688	5.433	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	3010	0.251	ug/L	90
9) Trichlorofluoromethane	1.758	101	2663	0.174	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	3582	0.222	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	9291	1.031	ug/L	98
19) 1,1-Dichloroethane	3.198	63	1780	0.117	ug/L #	93
22) cis-1,2-Dichloroethene	3.915	96	19485	2.248	ug/L #	86
34) Trichloroethene	5.915	95	103503	11.489	ug/L	96
47) Tetrachloroethene	7.976	164	21964	2.813	ug/L	98

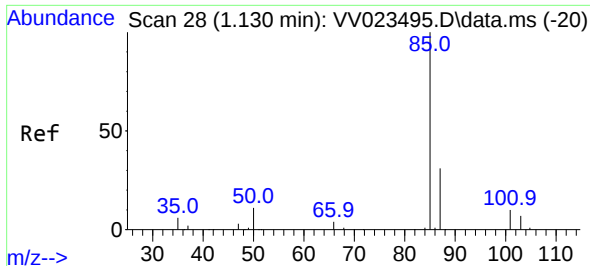
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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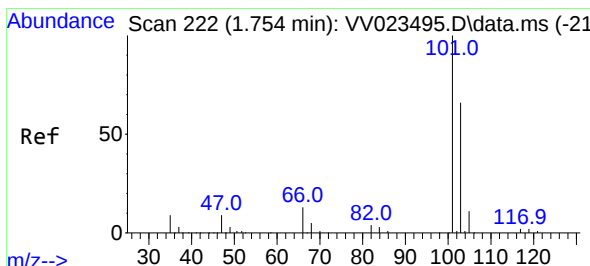
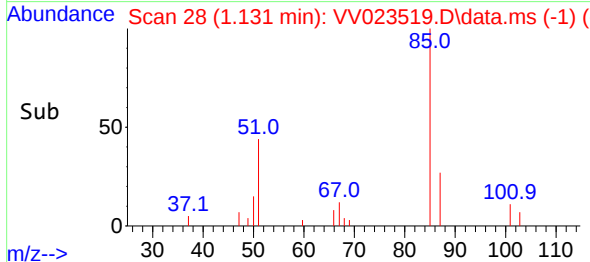
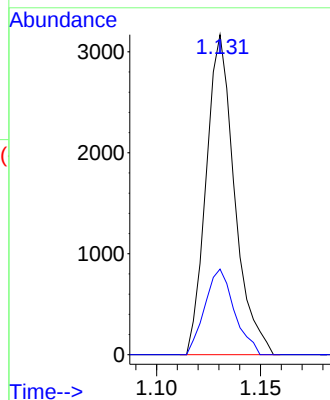
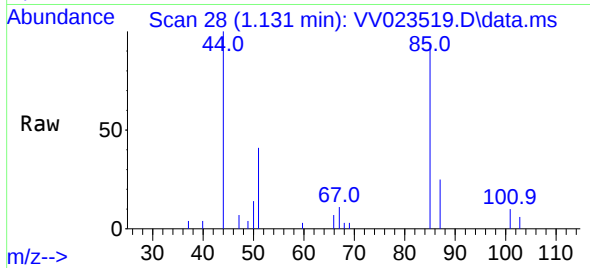




#2
 Dichlorodifluoromethane
 Concen: 0.251 ug/L
 RT: 1.131 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023519.D
 Acq: 16 Nov 2021 05:53

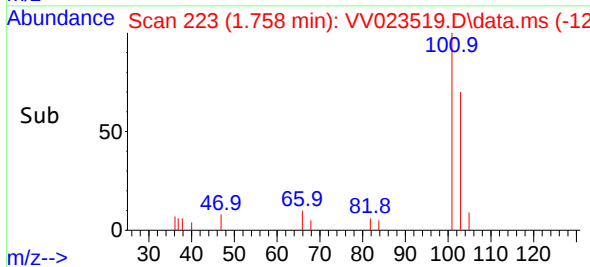
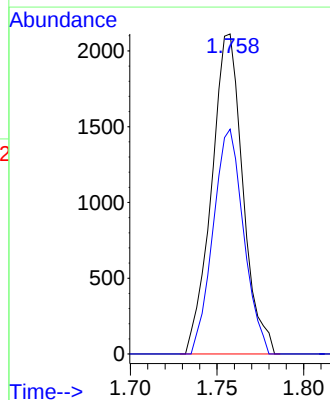
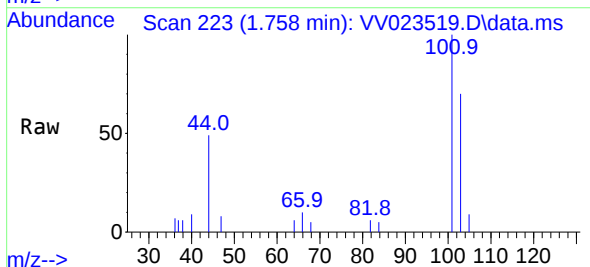
Instrument :
 MSVOA_V
 ClientSampleId :
 BG205

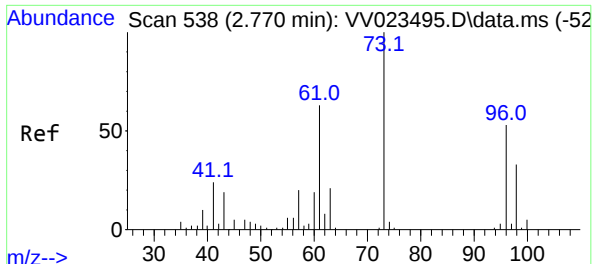
Tgt Ion: 85 Resp: 3010
 Ion Ratio Lower Upper
 85 100
 87 27.8 26.6 39.8



#9
 Trichlorofluoromethane
 Concen: 0.174 ug/L
 RT: 1.758 min Scan# 223
 Delta R.T. 0.003 min
 Lab File: VV023519.D
 Acq: 16 Nov 2021 05:53

Tgt Ion: 101 Resp: 2663
 Ion Ratio Lower Upper
 101 100
 103 68.4 52.6 79.0

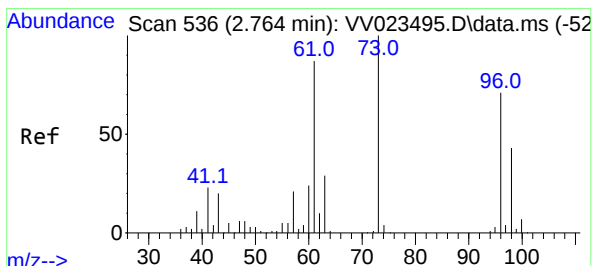
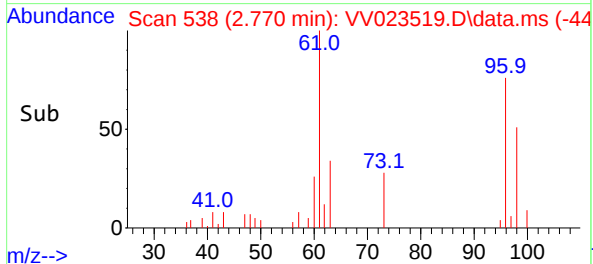
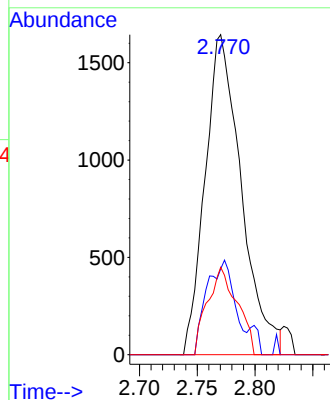
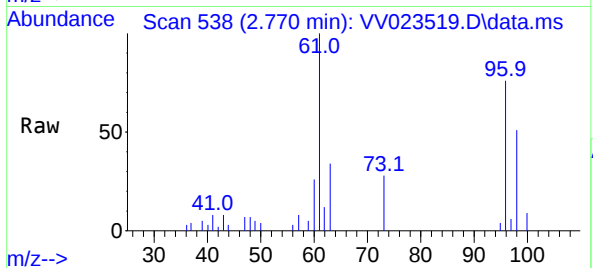




#17
Methyl tert-butyl Ether
Concen: 0.222 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023519.D
Acq: 16 Nov 2021 05:53

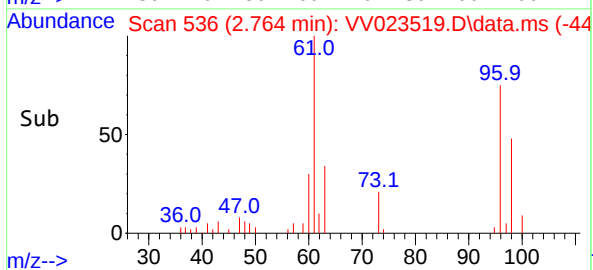
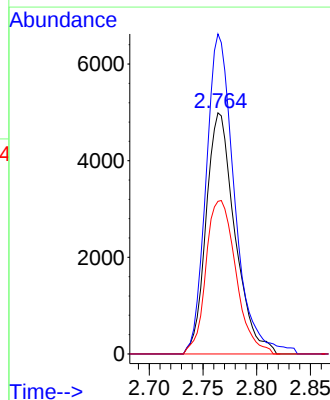
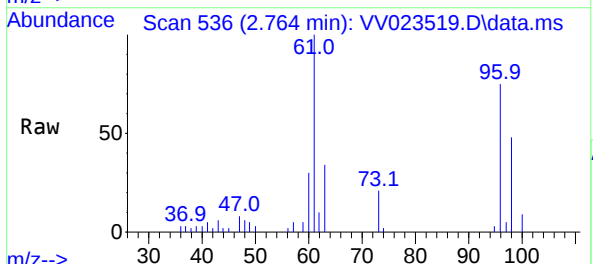
Instrument :
MSVOA_V
ClientSampleId :
BG205

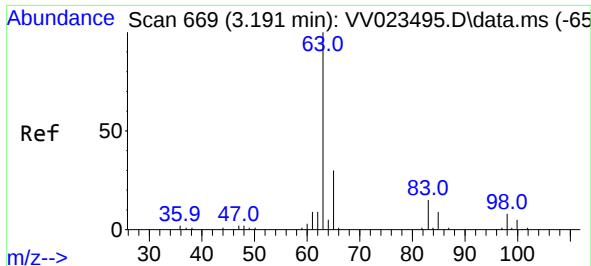
Tgt Ion: 73	Resp:	3582
Ion	Ratio	Lower Upper
73	100	
43	23.0	17.4 26.0
57	22.4	16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 1.031 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV023519.D
Acq: 16 Nov 2021 05:53

Tgt Ion: 96	Resp:	9291
Ion	Ratio	Lower Upper
96	100	
61	132.7	93.2 173.2
98	63.3	47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.117 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV023519.D

Acq: 16 Nov 2021 05:53

Instrument :

MSVOA_V

ClientSampleId :

BG205

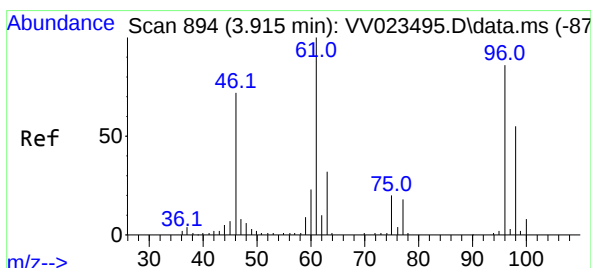
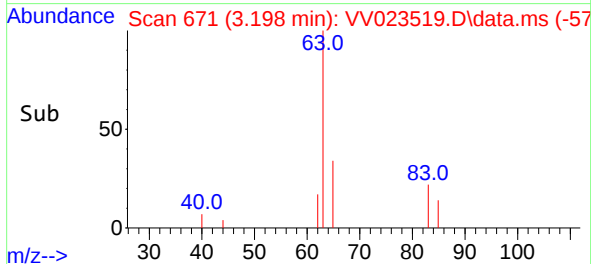
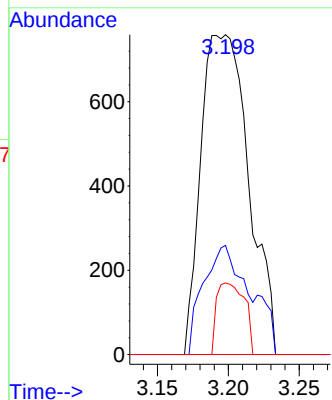
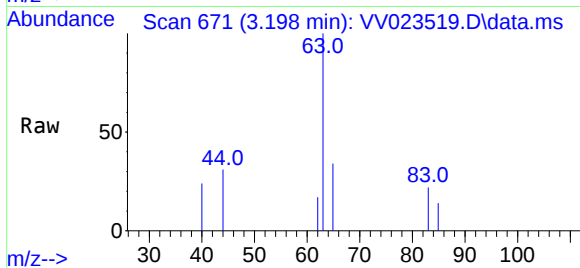
Tgt Ion: 63 Resp: 1780

Ion Ratio Lower Upper

63 100

65 34.1 22.6 42.0

83 22.4 11.1 20.7#



#22

cis-1,2-Dichloroethene

Concen: 2.248 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.000 min

Lab File: VV023519.D

Acq: 16 Nov 2021 05:53

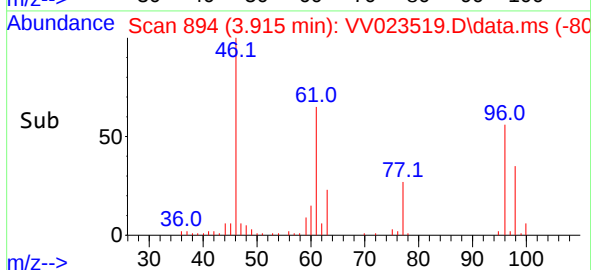
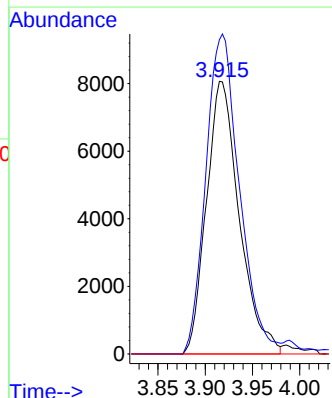
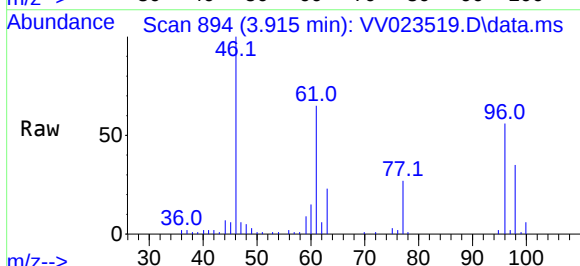
Tgt Ion: 96 Resp: 19485

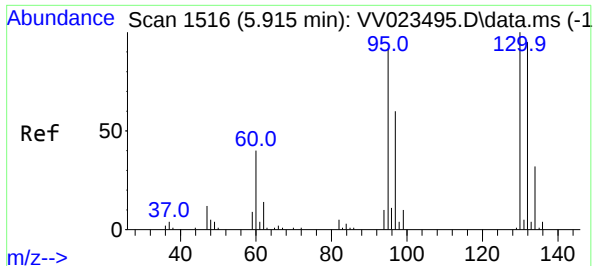
Ion Ratio Lower Upper

96 100

61 115.2 92.3 171.3

68 0.0 0.4 0.8#

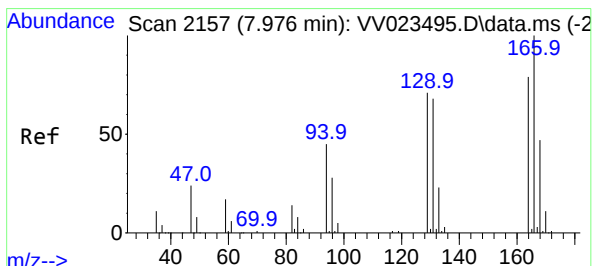
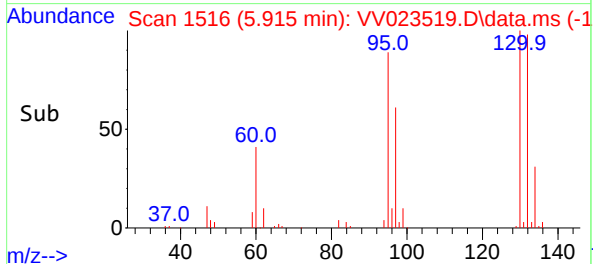
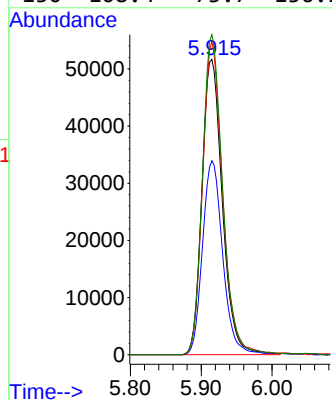
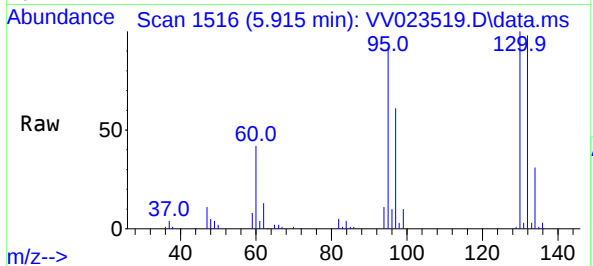




#34
Trichloroethene
Concen: 11.489 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023519.D
Acq: 16 Nov 2021 05:53

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MSVOA_V
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BG205

Tgt Ion: 95 Resp: 103503
Ion Ratio Lower Upper
95 100
97 65.7 45.0 83.6
132 106.2 69.7 129.4
130 108.4 73.7 136.9



#47
Tetrachloroethene
Concen: 2.813 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023519.D
Acq: 16 Nov 2021 05:53

Tgt Ion: 164 Resp: 21964
Ion Ratio Lower Upper
164 100
129 89.7 64.0 119.0
131 87.7 63.4 117.8
166 125.4 89.3 165.9

