

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
 Data File : VV028616.D
 Acq On : 18 Oct 2022 15:32
 Operator : SY/MD
 Sample : N5173-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS8

Quant Time: Oct 19 00:39:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

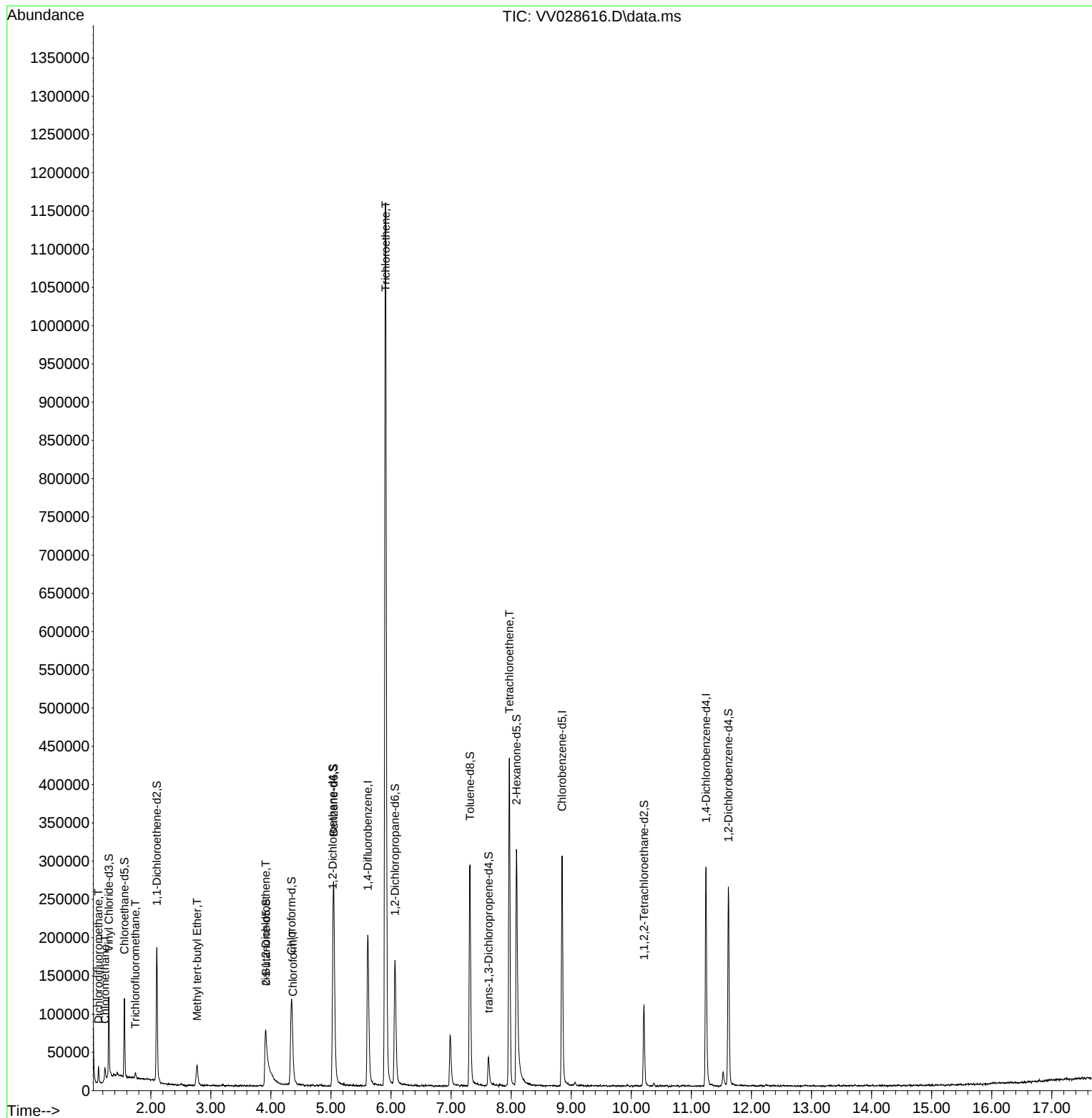
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	167869	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	69450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65647	4.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.561	69	63900	5.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.098	63	94674	3.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.915	46	155230	49.980	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.960%
24) Chloroform-d	4.342	84	115097	5.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.030	65	61430	5.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.043	84	231774	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.066	67	81330	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	188369	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.622	79	22593	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.088	63	120042	50.891	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	51929	5.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	63645	5.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
2) Dichlorodifluoromethane	1.127	85	6842	0.722	ug/L	99
3) Chloromethane	1.236	50	11678	0.736	ug/L	100
9) Trichlorofluoromethane	1.744	101	3788	0.201	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	24638	0.929	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	15360	1.248	ug/L #	88
25) Chloroform	4.365	83	8735	0.376	ug/L	97
34) Trichloroethene	5.908	95	404571	30.878	ug/L	99
47) Tetrachloroethene	7.969	164	86033	10.088	ug/L	100

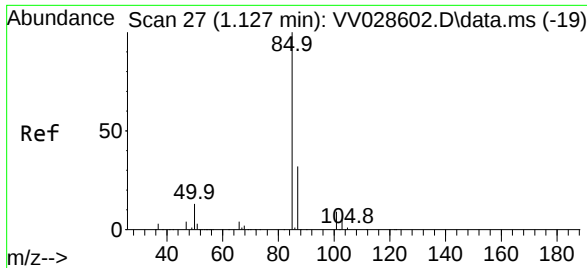
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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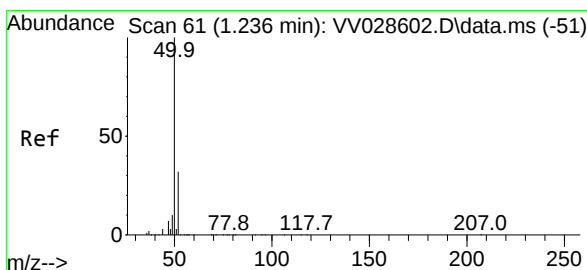
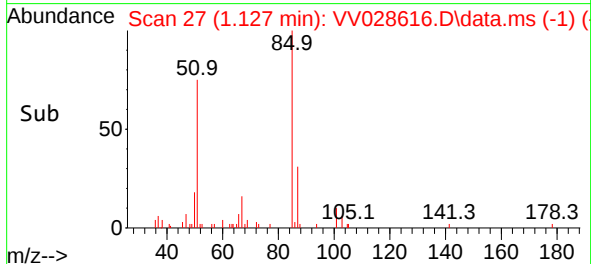
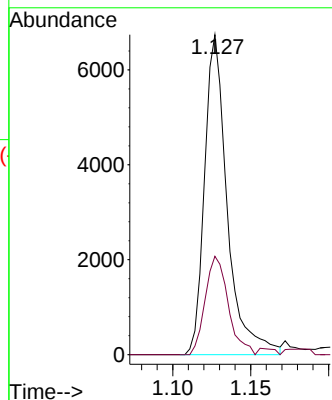
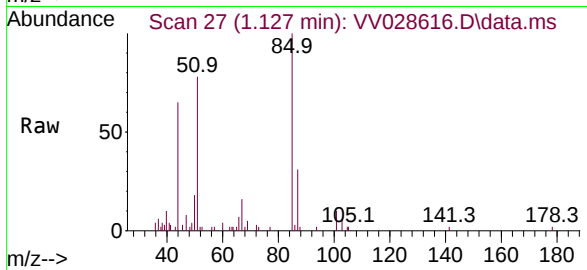




#2
 Dichlorodifluoromethane
 Concen: 0.722 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028616.D
 Acq: 18 Oct 2022 15:32

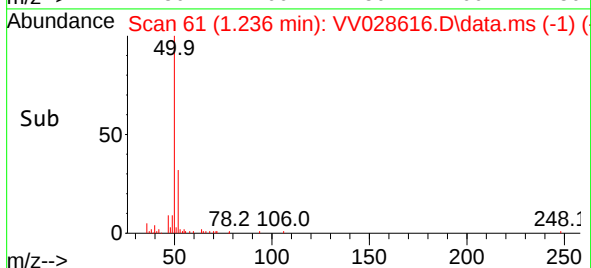
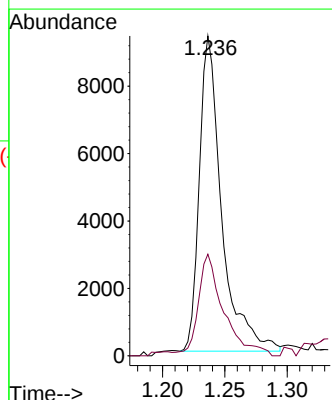
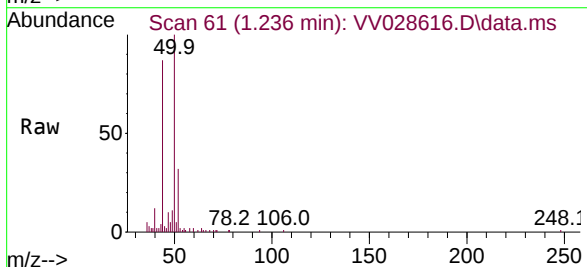
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS8

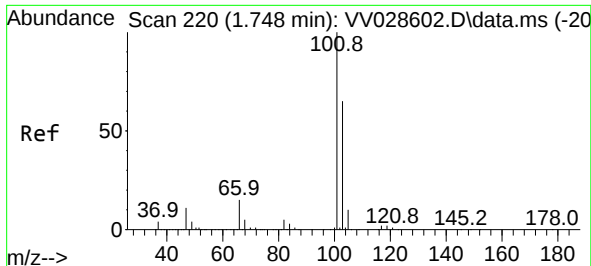
Tgt Ion: 85 Resp: 6842
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.4 38.2



#3
 Chloromethane
 Concen: 0.736 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028616.D
 Acq: 18 Oct 2022 15:32

Tgt Ion: 50 Resp: 11678
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.0 41.0

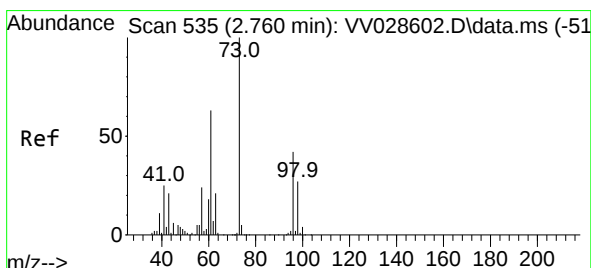
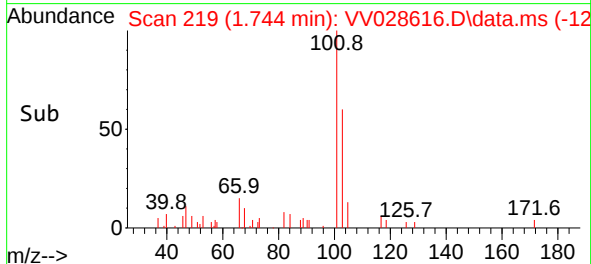
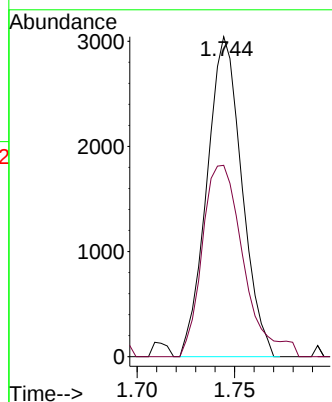
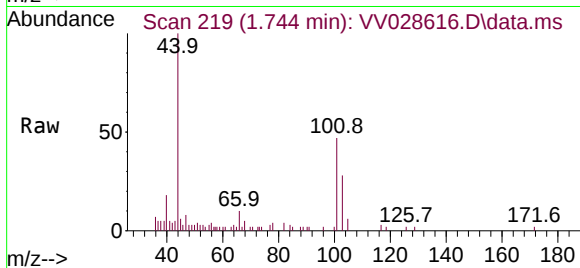




#9
 Trichlorofluoromethane
 Concen: 0.201 ug/L
 RT: 1.744 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV028616.D
 Acq: 18 Oct 2022 15:32

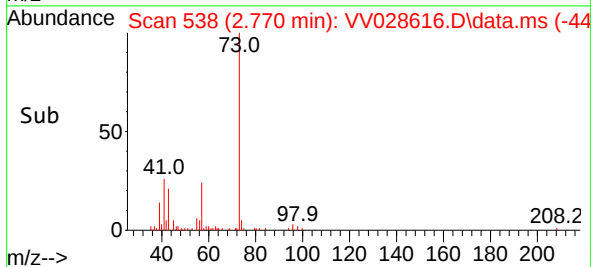
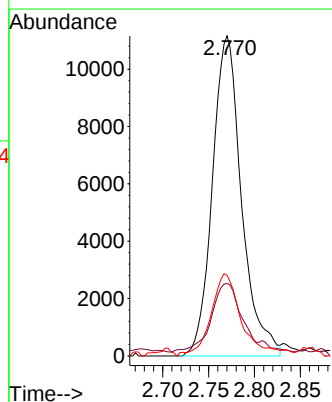
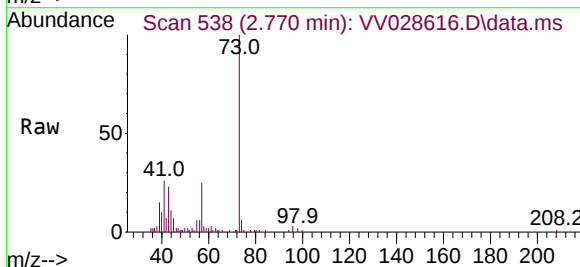
Instrument :
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 ClientSampleId :
 BFXS8

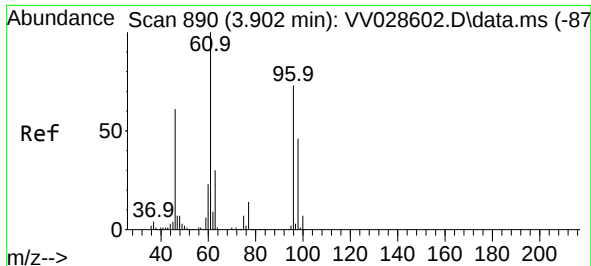
Tgt Ion:101 Resp: 3788
 Ion Ratio Lower Upper
 101 100
 103 70.6 51.6 77.4



#17
 Methyl tert-butyl Ether
 Concen: 0.929 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.010 min
 Lab File: VV028616.D
 Acq: 18 Oct 2022 15:32

Tgt Ion: 73 Resp: 24638
 Ion Ratio Lower Upper
 73 100
 43 23.5 18.2 27.2
 57 27.0 19.5 29.3

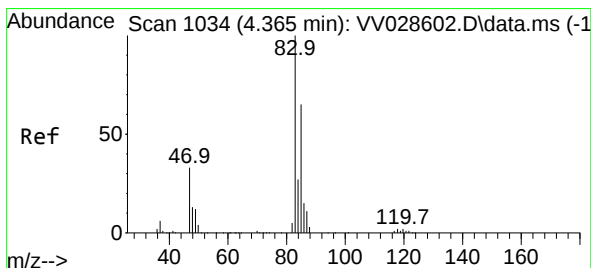
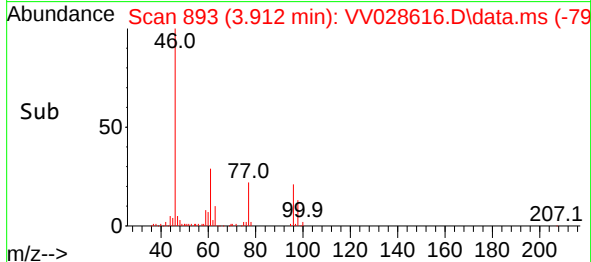
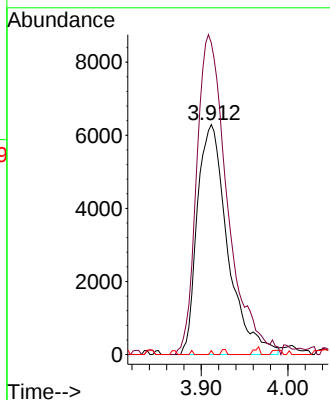
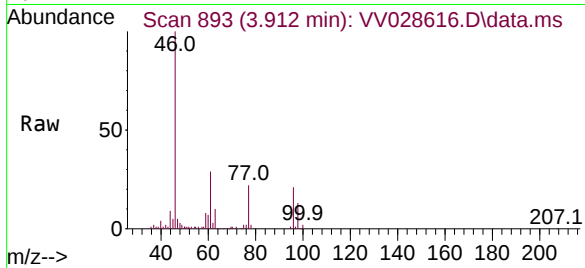




#22
 cis-1,2-Dichloroethene
 Concen: 1.248 ug/L
 RT: 3.912 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV028616.D
 Acq: 18 Oct 2022 15:32

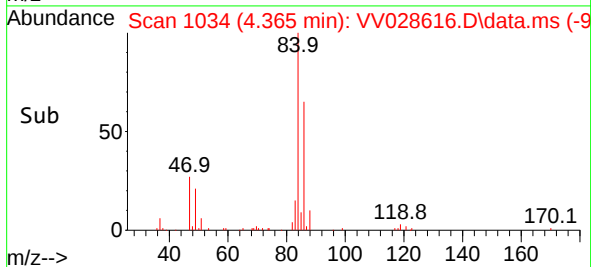
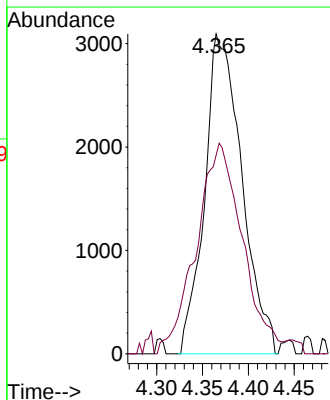
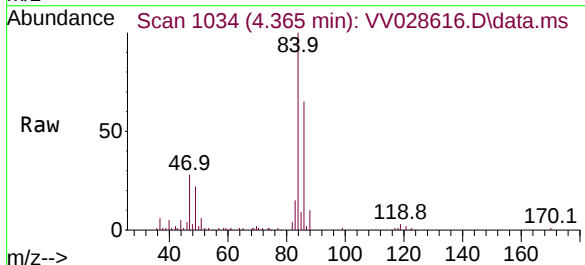
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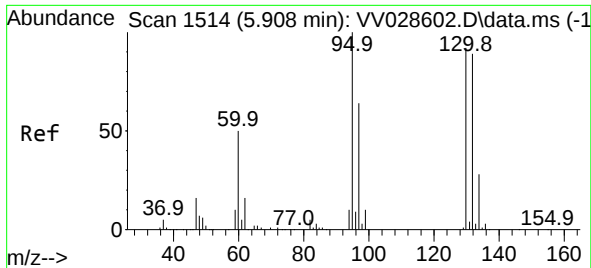
Tgt Ion: 96 Resp: 15360
 Ion Ratio Lower Upper
 96 100
 61 135.5 105.1 195.3
 68 1.7 0.5 0.9#



#25
 Chloroform
 Concen: 0.376 ug/L
 RT: 4.365 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VV028616.D
 Acq: 18 Oct 2022 15:32

Tgt Ion: 83 Resp: 8735
 Ion Ratio Lower Upper
 83 100
 85 62.1 45.1 83.9





#34

Trichloroethene

Concen: 30.878 ug/L

RT: 5.908 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV028616.D

Acq: 18 Oct 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

BFXS8

Tgt Ion: 95 Resp: 404571

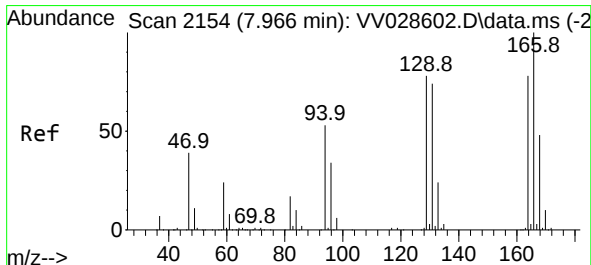
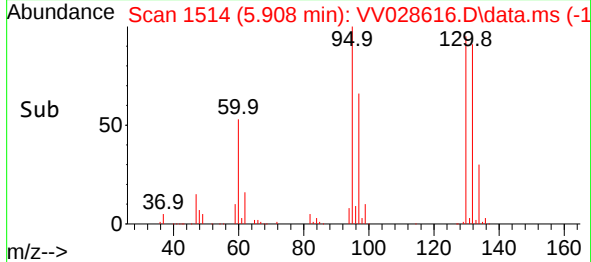
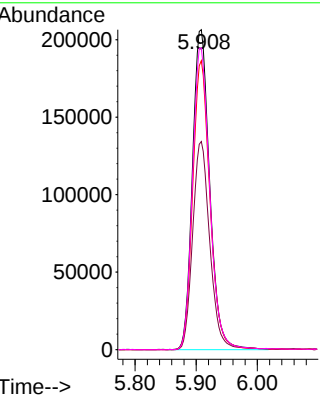
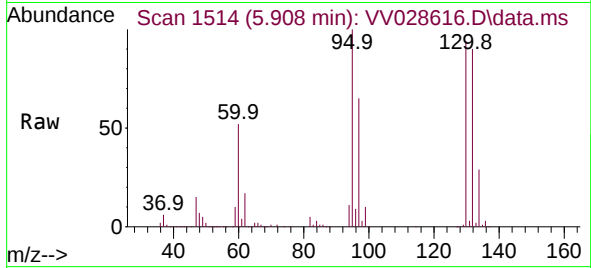
Ion Ratio Lower Upper

95 100

97 65.0 46.2 85.8

132 90.3 65.1 120.9

130 94.2 66.1 122.8



#47

Tetrachloroethene

Concen: 10.088 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV028616.D

Acq: 18 Oct 2022 15:32

Tgt Ion:164 Resp: 86033

Ion Ratio Lower Upper

164 100

129 98.5 69.3 128.7

131 95.7 67.3 125.1

166 126.9 88.5 164.4

