

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028235.D
 Acq On : 30 Sep 2022 18:38
 Operator : SY/MD
 Sample : N4873-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ53

Quant Time: Sep 30 23:01:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

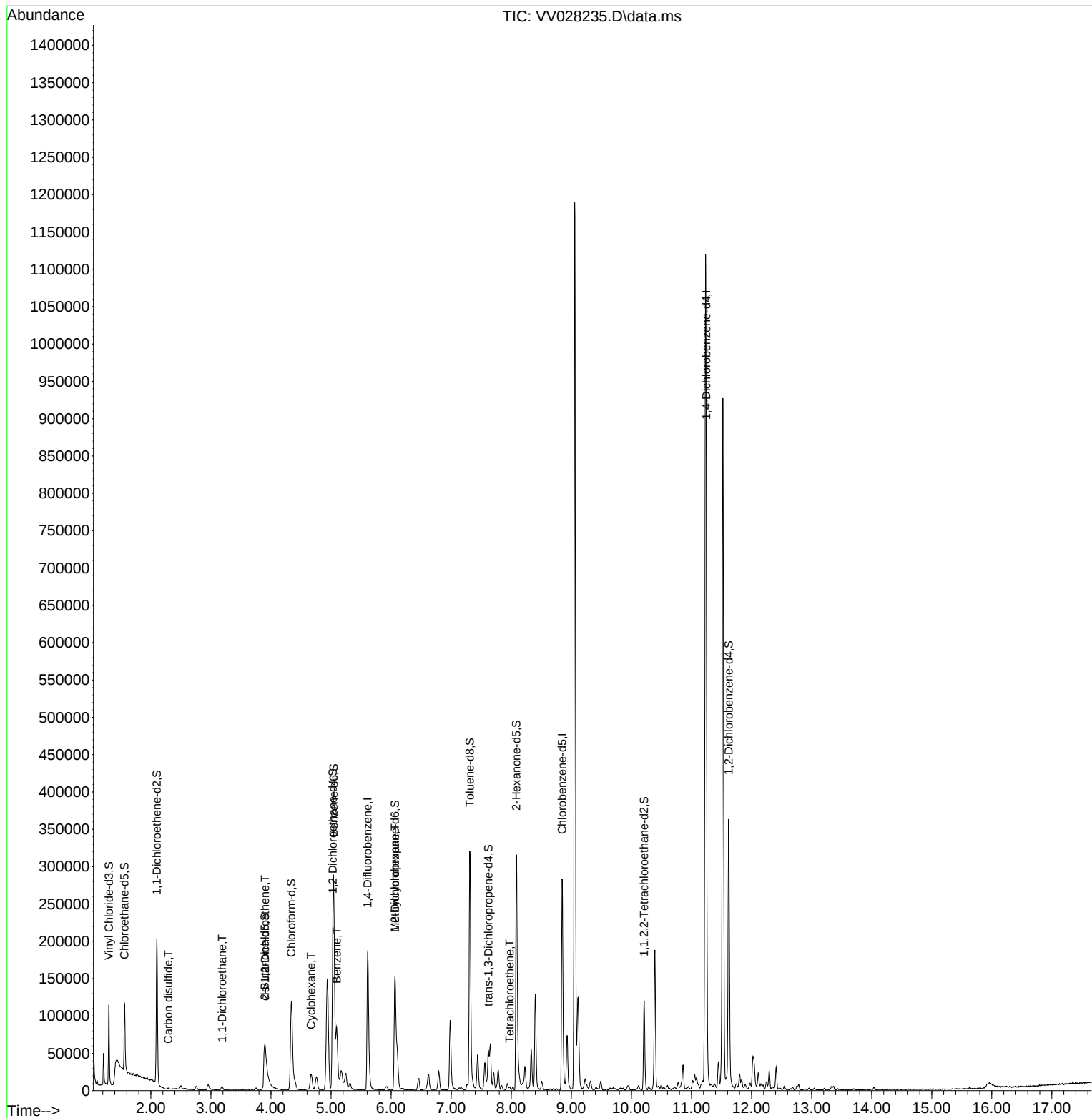
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	168383	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67639	3.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.561	69	59601	4.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.098	63	100180	3.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.896	46	131825	44.730	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.460%
24) Chloroform-d	4.339	84	129800	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.027	65	62553	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.043	84	268306	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.063	67	79646	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.310	98	223048	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.619	79	25646	4.133	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.085	63	119019	45.961	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56085	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.619	152	95256	5.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.288	76	2136	0.096	ug/L #	78
19) 1,1-Dichloroethane	3.185	63	5032	0.226	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	3326	0.249	ug/L #	62
30) Cyclohexane	4.667	56	11231	0.752	ug/L #	81
33) Benzene	5.095	78	89236	1.912	ug/L	100
35) Methylcyclohexane	6.066	83	29290	1.839	ug/L #	17
47) Tetrachloroethene	7.976	164	1187	0.128	ug/L	74

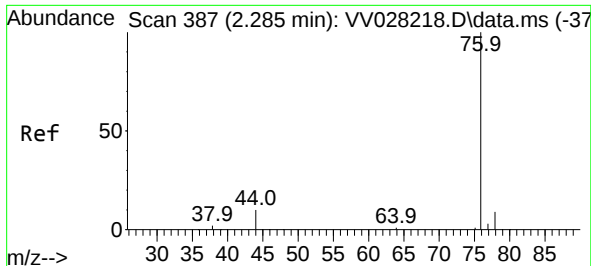
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.096 ug/L

RT: 2.288 min Scan# 3

Delta R.T. 0.003 min

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ClientSampleId :

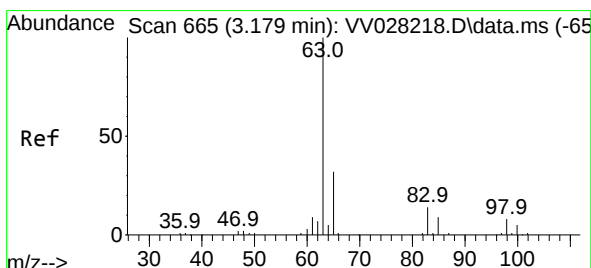
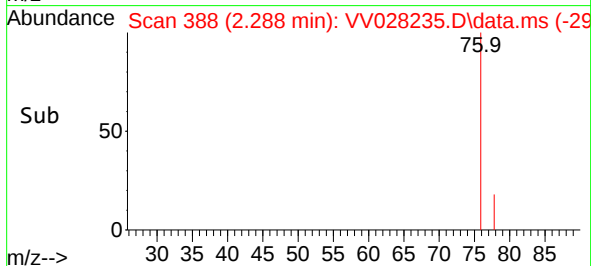
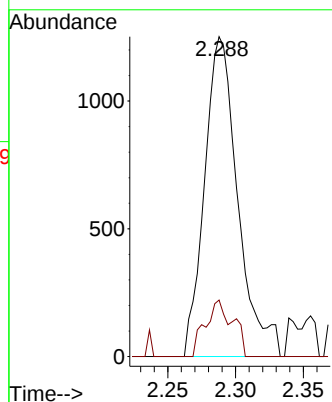
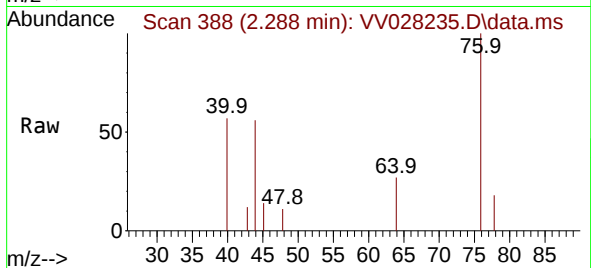
EXZ53

Tgt Ion: 76 Resp: 2136

Ion Ratio Lower Upper

76 100

78 17.7 7.6 11.4#



#19

1,1-Dichloroethane

Concen: 0.226 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV028235.D

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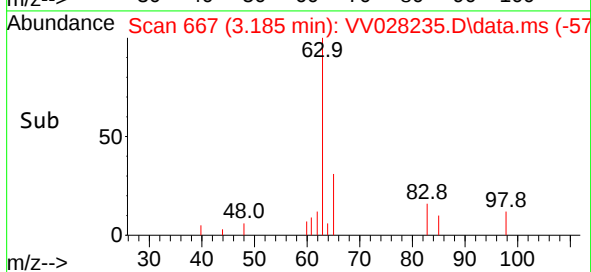
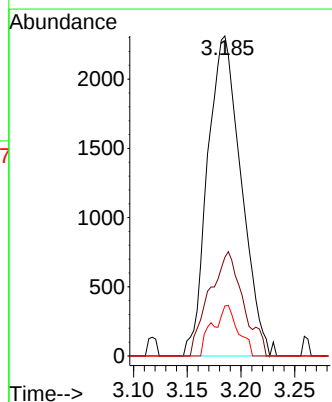
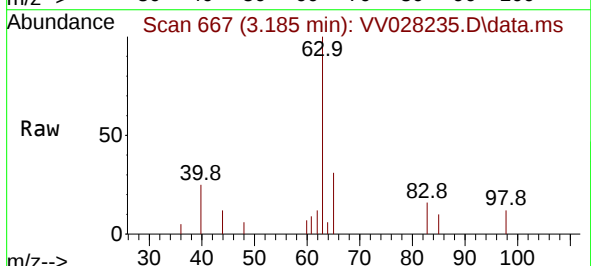
Tgt Ion: 63 Resp: 5032

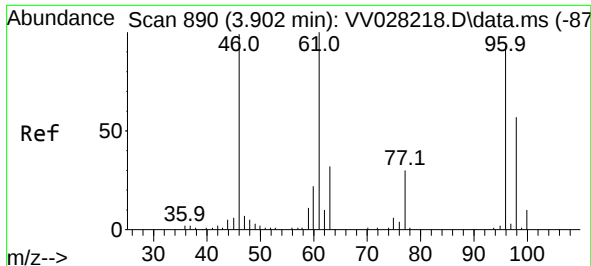
Ion Ratio Lower Upper

63 100

65 30.8 23.0 42.8

83 15.6 9.2 17.2

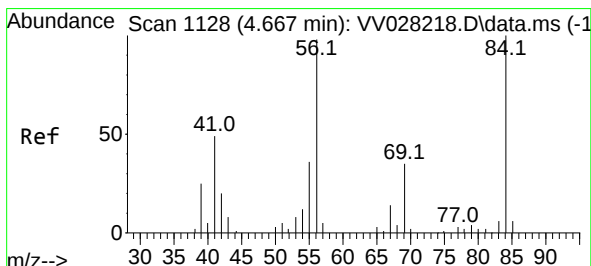
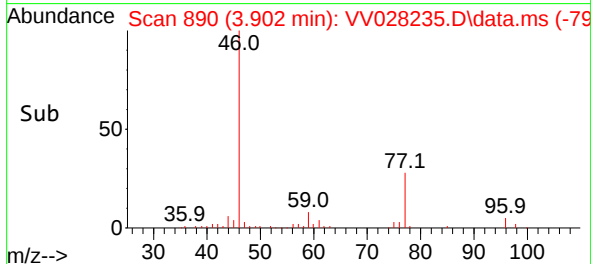
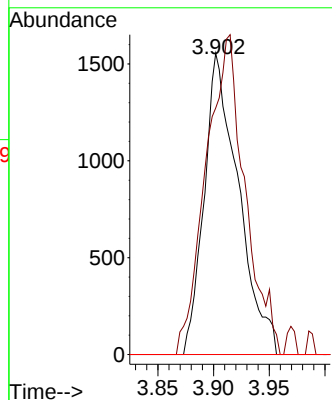
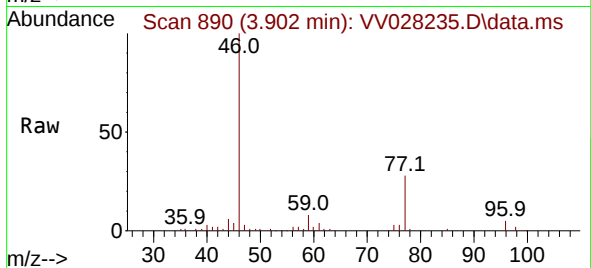




#22
 cis-1,2-Dichloroethene
 Concen: 0.249 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028235.D
 Acq: 30 Sep 2022 18:38

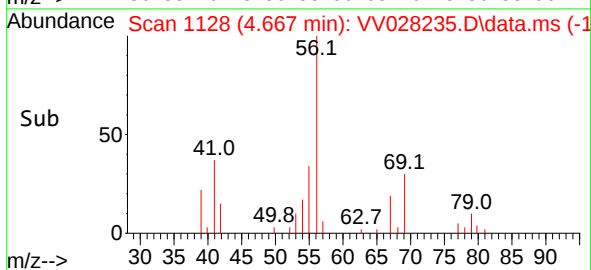
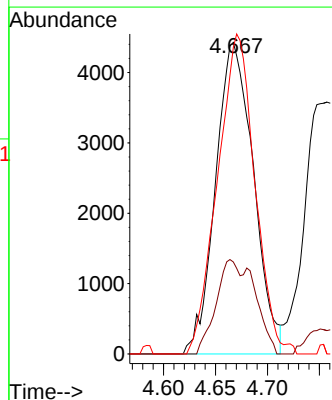
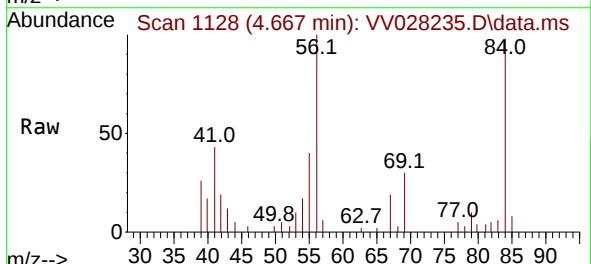
Instrument :
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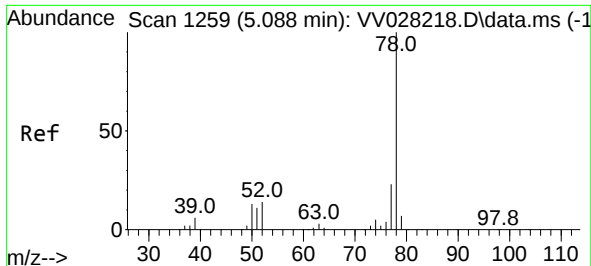
Tgt Ion: 96 Resp: 3326
 Ion Ratio Lower Upper
 96 100
 61 81.9 87.2 161.9#
 68 0.0 0.0 0.0



#30
 Cyclohexane
 Concen: 0.752 ug/L
 RT: 4.667 min Scan# 1128
 Delta R.T. 0.003 min
 Lab File: VV028235.D
 Acq: 30 Sep 2022 18:38

Tgt Ion: 56 Resp: 11231
 Ion Ratio Lower Upper
 56 100
 69 18.6 23.7 35.5#
 84 100.8 67.3 100.9

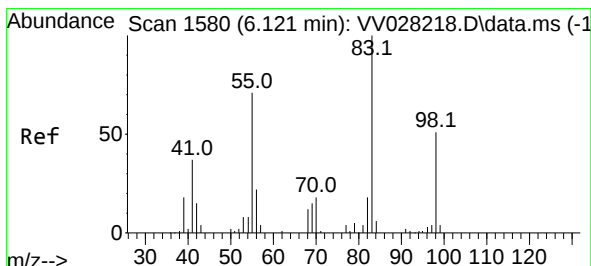
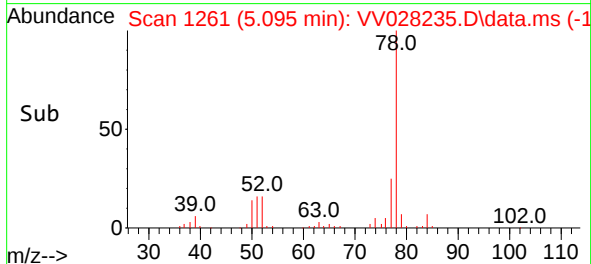
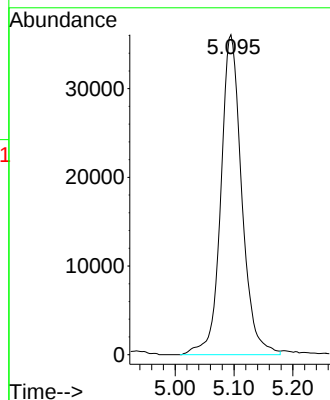
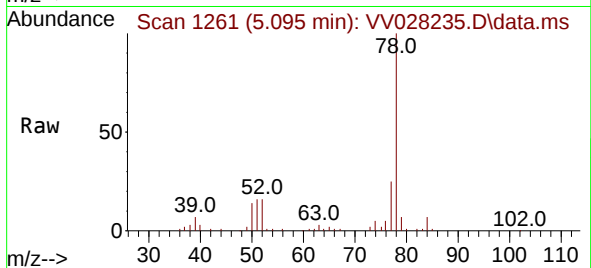




#33
Benzene
Concen: 1.912 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028235.D
Acq: 30 Sep 2022 18:38

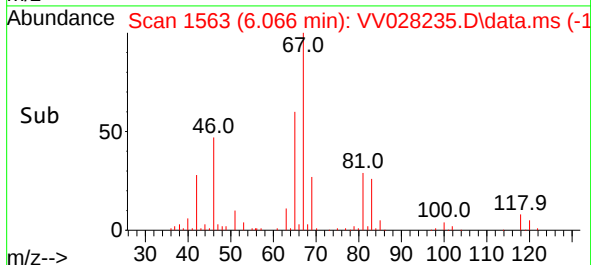
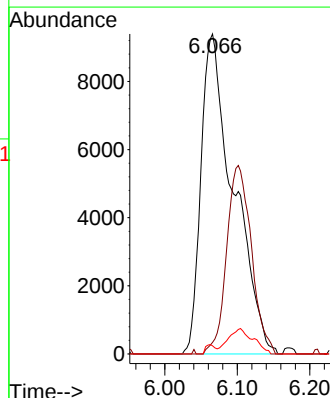
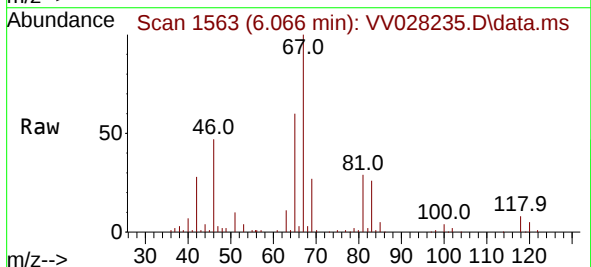
Instrument :
MSVOA_V
ClientSampleId :
EXZ53

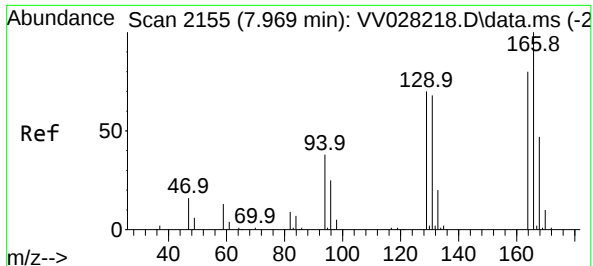
Tgt Ion: 78 Resp: 89236



#35
Methylcyclohexane
Concen: 1.839 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028235.D
Acq: 30 Sep 2022 18:38

Tgt Ion: 83 Resp: 29290
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.9 39.5 59.3#





#47
 Tetrachloroethene
 Concen: 0.128 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV028235.D
 Acq: 30 Sep 2022 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ53

Tgt Ion:164 Resp: 1187

Ion	Ratio	Lower	Upper
164	100		
129	67.1	66.7	123.9
131	70.6	61.7	114.5
166	96.2	90.9	168.9

