

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028559.D
 Acq On : 14 Oct 2022 19:37
 Operator : SY/MD
 Sample : N5109-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ10

Quant Time: Oct 15 02:59:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

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

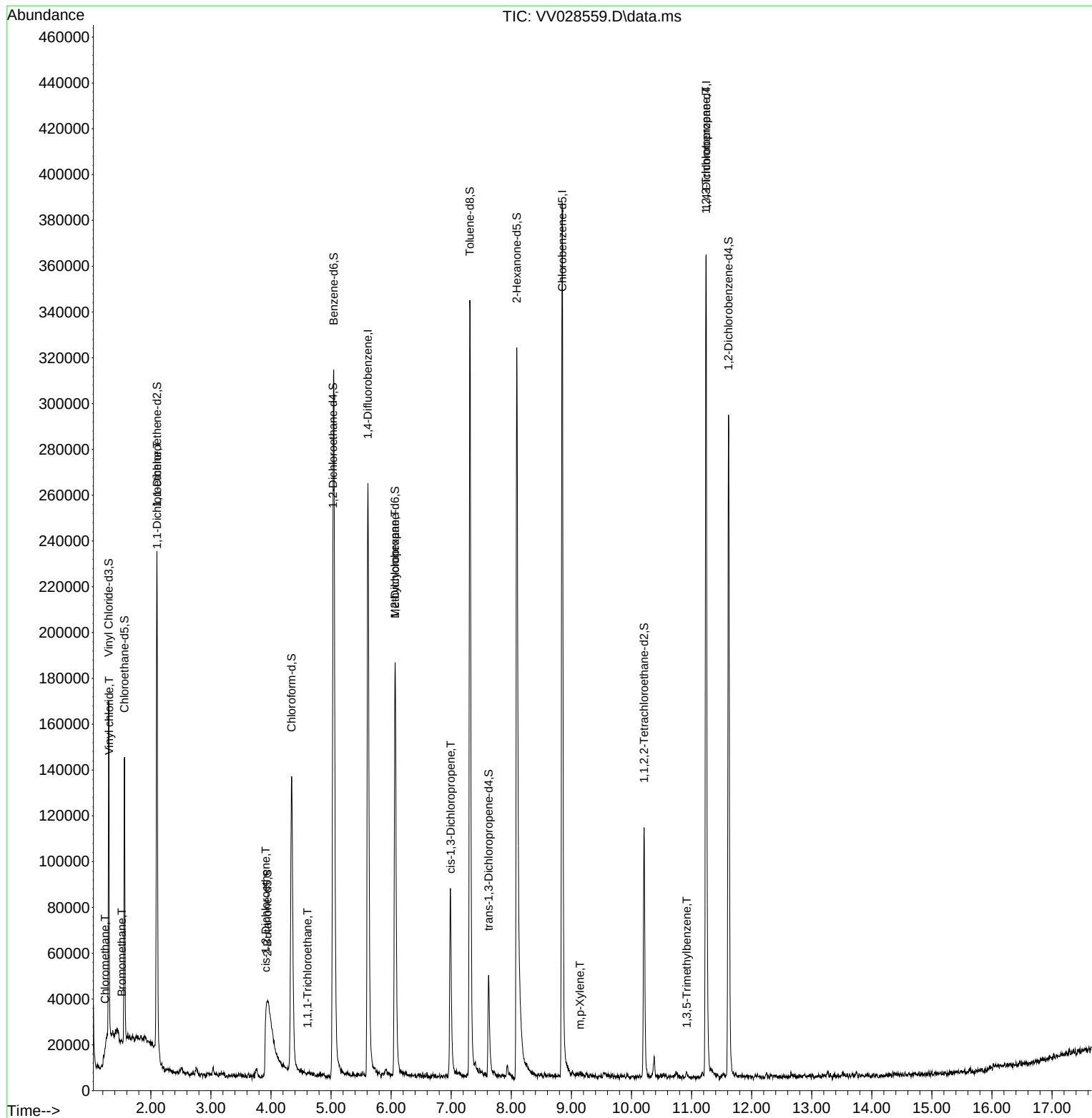
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	215822	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	197986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	91981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	91793	4.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.561	69	78068	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.102	63	121070	3.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.941	46	54759	13.714	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	27.420%#
24) Chloroform-d	4.343	84	130164	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.031	65	66689	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.044	84	268670	4.203	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.066	67	89645	4.345	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.310	98	225221	4.447	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	26847	3.852	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.092	63	139686	46.437	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.880%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	54627	4.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	71535	4.713	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	820	0.040	ug/L #	69
5) Vinyl chloride	1.304	62	1059	0.053	ug/L #	1
6) Bromomethane	1.516	94	651	0.073	ug/L	88
12) 1,1-Dichloroethene	2.105	96	1169	0.087	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	588	0.037	ug/L #	96
29) 1,1,1-Trichloroethane	4.606	97	573	0.021	ug/L #	56
35) Methylcyclohexane	6.066	83	19466	0.700	ug/L #	18
39) cis-1,3-Dichloropropene	6.992	75	2548	0.107	ug/L #	52
53) m,p-Xylene	9.143	106	820	0.030	ug/L #	52
61) 1,2,3-Trichloropropane	11.239	75	13581	1.652	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.918	105	1135	0.056	ug/L	96

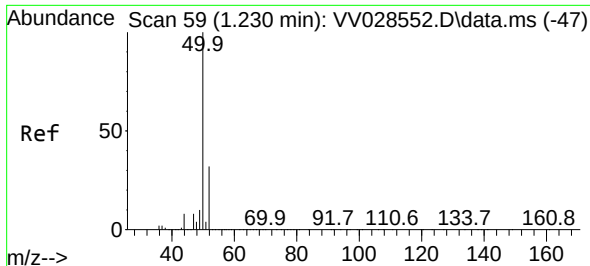
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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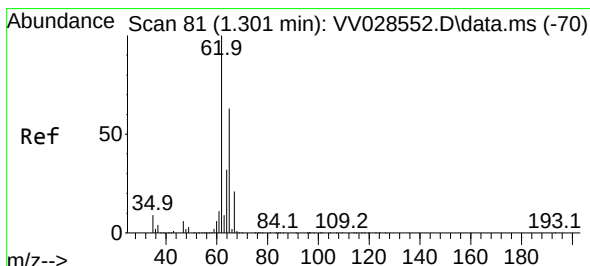
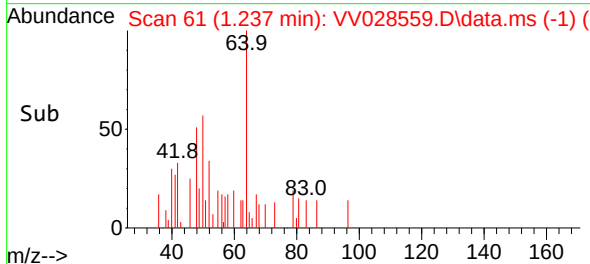
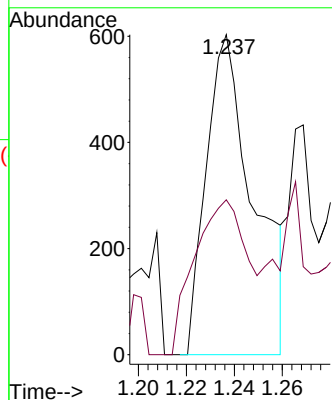
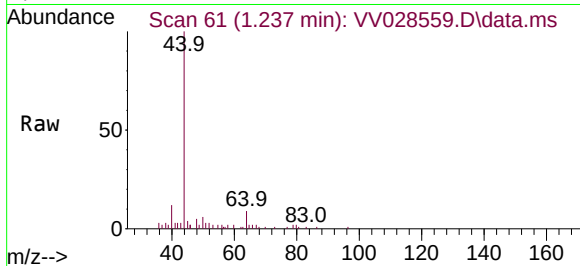




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV028559.D
Acq: 14 Oct 2022 19:37

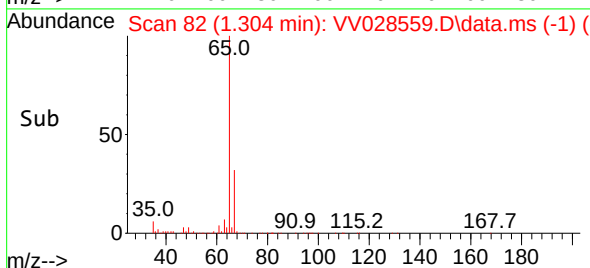
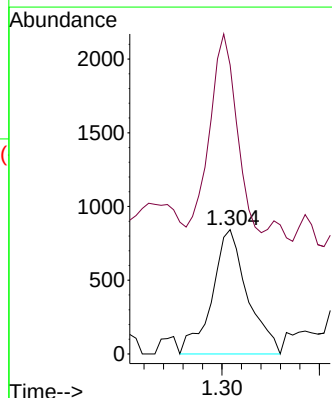
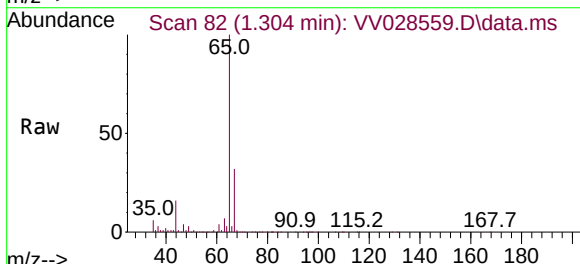
Instrument :
MSVOA_V
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BFZ10

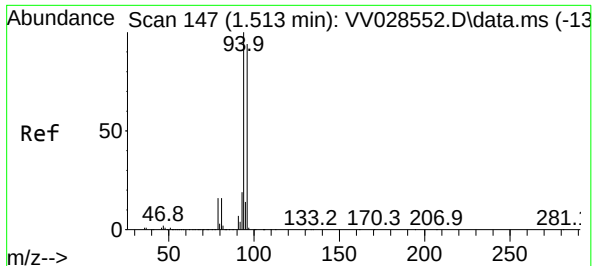
Tgt Ion: 50 Resp: 820
Ion Ratio Lower Upper
50 100
52 48.4 22.0 41.0#



#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.003 min
Lab File: VV028559.D
Acq: 14 Oct 2022 19:37

Tgt Ion: 62 Resp: 1059
Ion Ratio Lower Upper
62 100
64 232.5 23.7 44.1#

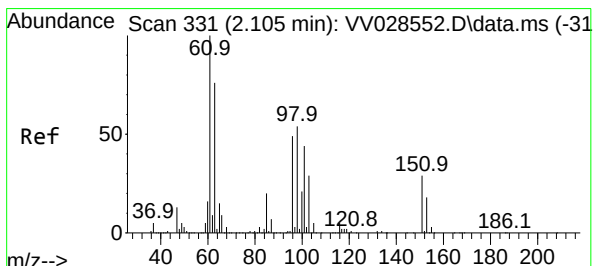
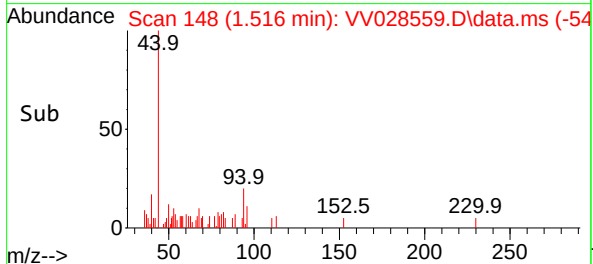
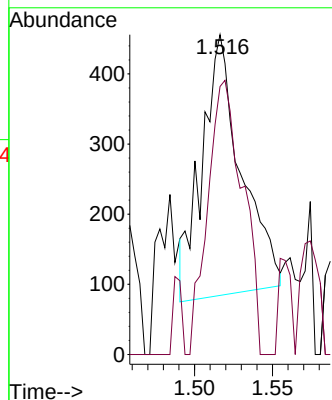
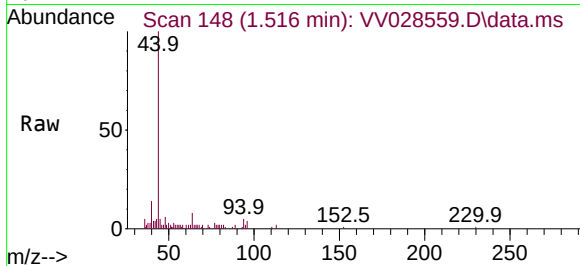




#6
Bromomethane
Concen: 0.073 ug/L
RT: 1.516 min Scan# 147
Delta R.T. 0.003 min
Lab File: VV028559.D
Acq: 14 Oct 2022 19:37

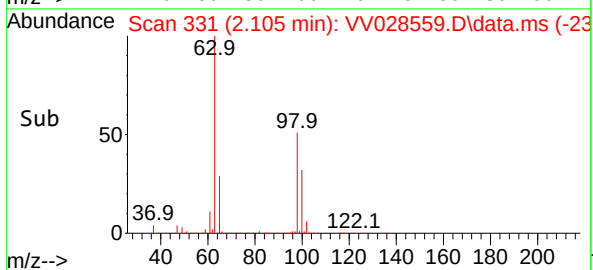
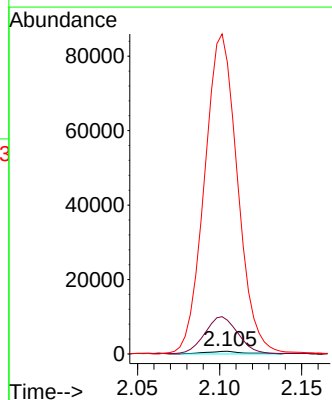
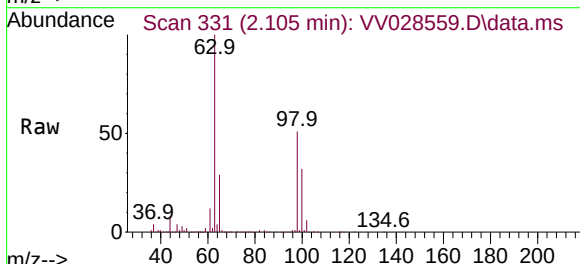
Instrument :
MSVOA_V
ClientSampleId :
BFZ10

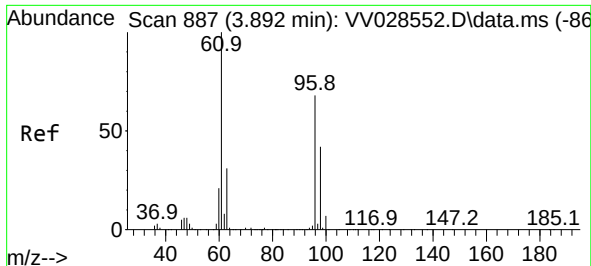
Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 83.8 67.0 124.4



#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VV028559.D
Acq: 14 Oct 2022 19:37

Tgt Ion: 96 Resp: 1169
Ion Ratio Lower Upper
96 100
61 1270.9 142.9 265.5#
63 10964.7 102.3 190.1#

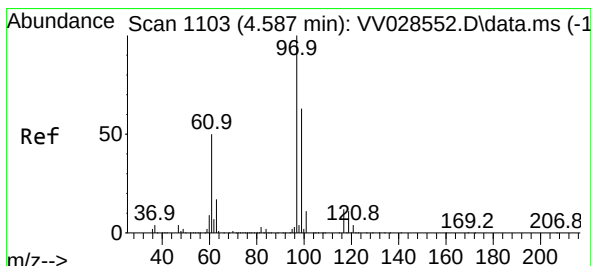
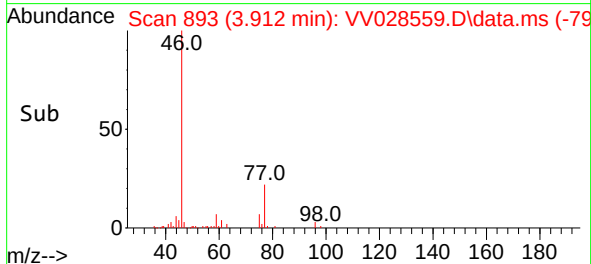
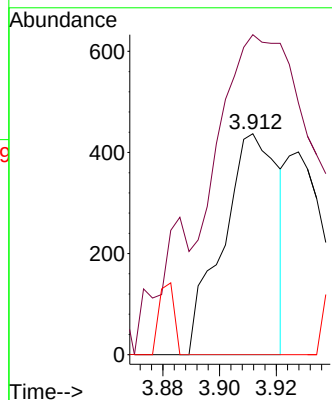
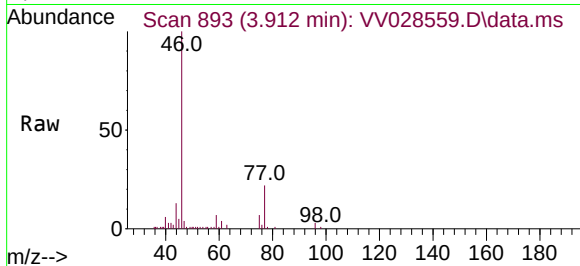




#22
 cis-1,2-Dichloroethene
 Concen: 0.037 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.019 min
 Lab File: VV028559.D
 Acq: 14 Oct 2022 19:37

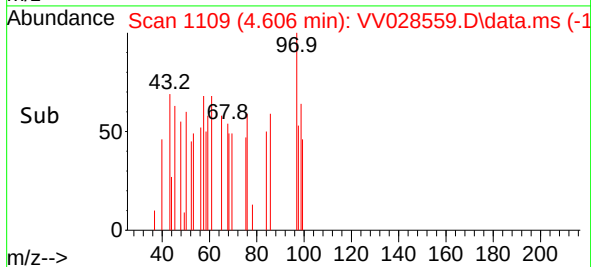
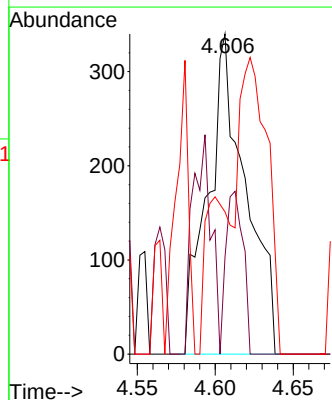
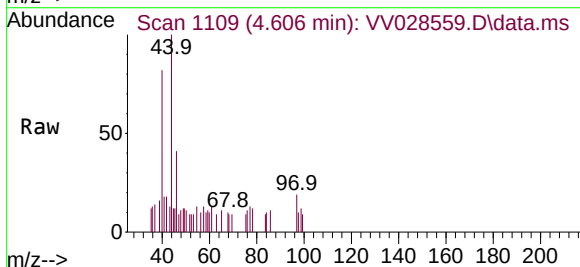
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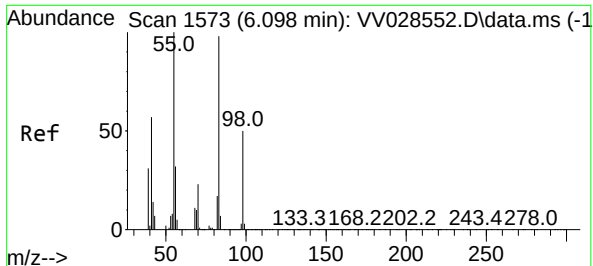
Tgt Ion: 96 Resp: 588
 Ion Ratio Lower Upper
 96 100
 61 144.9 105.1 195.3
 68 0.0 0.5 0.9#



#29
 1,1,1-Trichloroethane
 Concen: 0.021 ug/L
 RT: 4.606 min Scan# 1109
 Delta R.T. 0.019 min
 Lab File: VV028559.D
 Acq: 14 Oct 2022 19:37

Tgt Ion: 97 Resp: 573
 Ion Ratio Lower Upper
 97 100
 99 23.0 52.6 78.8#
 61 30.9 42.1 63.1#

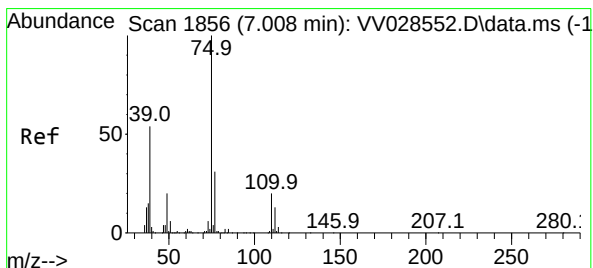
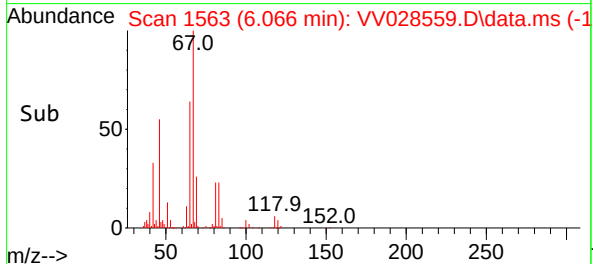
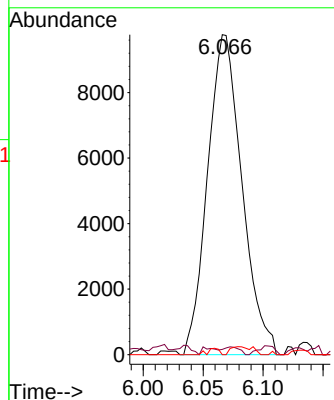
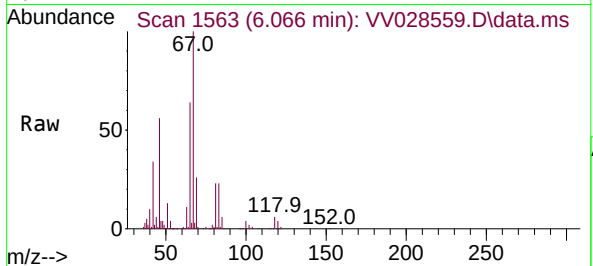




#35
Methylcyclohexane
Concen: 0.700 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.032 min
Lab File: VV028559.D
Acq: 14 Oct 2022 19:37

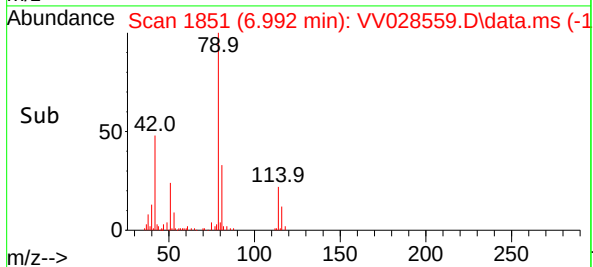
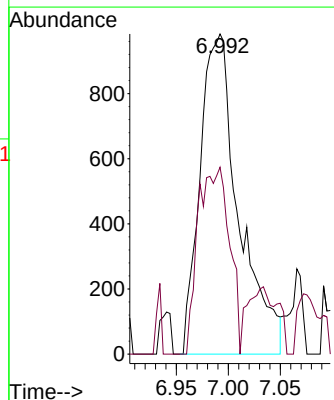
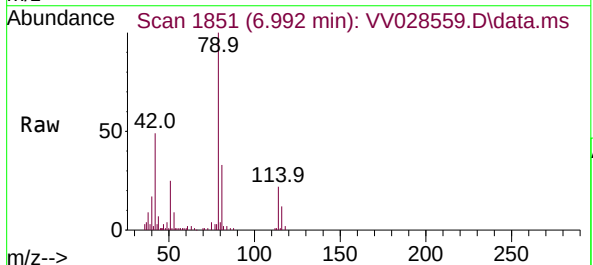
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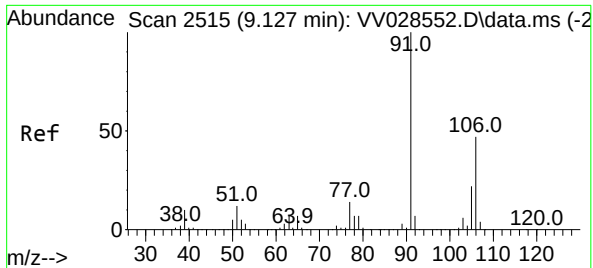
Tgt Ion: 83 Resp: 19466
Ion Ratio Lower Upper
83 100
55 1.1 65.0 97.6#
98 0.7 36.4 54.6#



#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.016 min
Lab File: VV028559.D
Acq: 14 Oct 2022 19:37

Tgt Ion: 75 Resp: 2548
Ion Ratio Lower Upper
75 100
77 58.4 22.1 41.1#

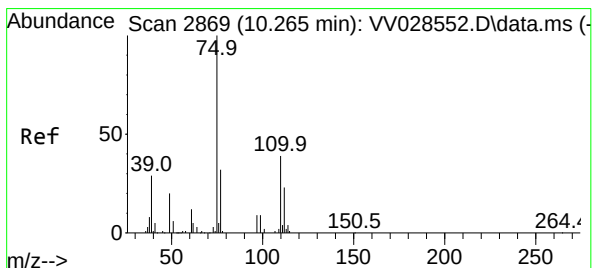
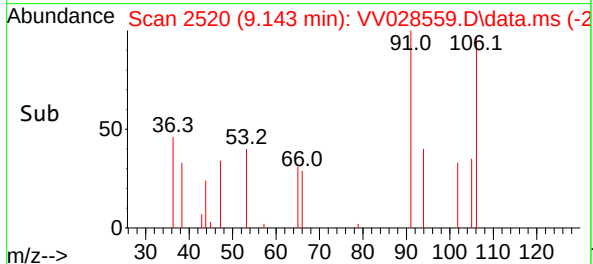
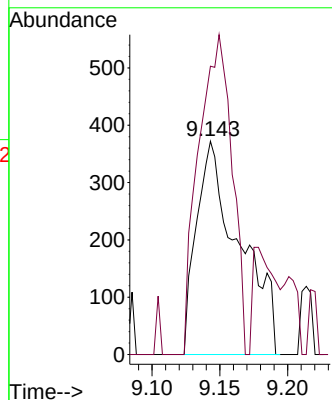
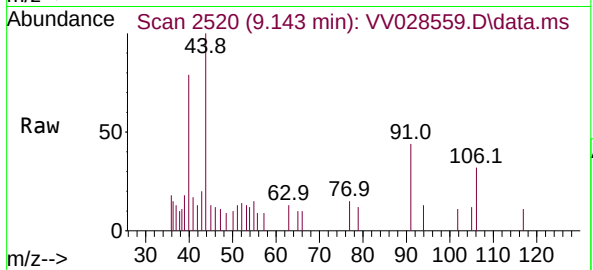




#53
m,p-Xylene
Concen: 0.030 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV028559.D
Acq: 14 Oct 2022 19:37

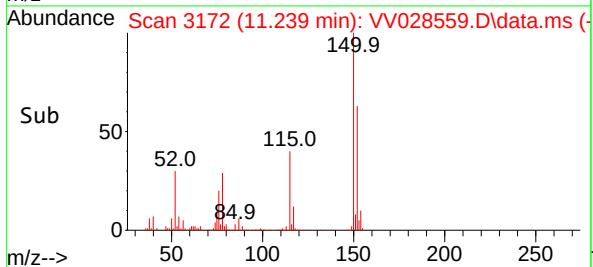
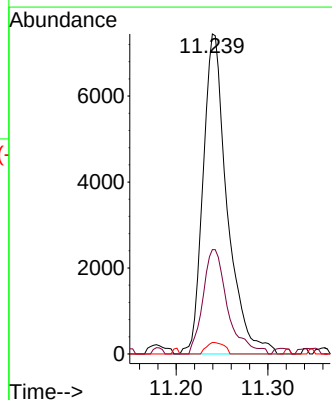
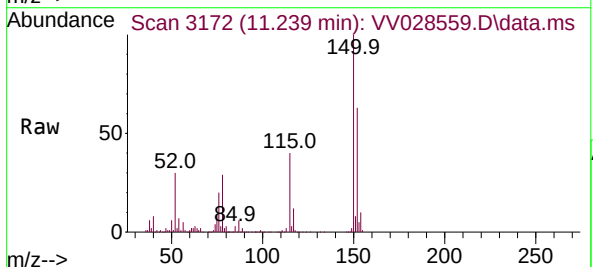
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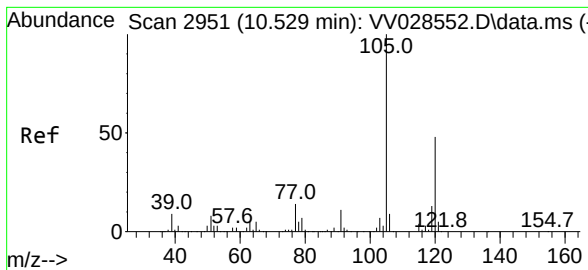
Tgt Ion:106 Resp: 820
Ion Ratio Lower Upper
106 100
91 135.2 146.9 272.9#



#61
1,2,3-Trichloropropane
Concen: 1.652 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV028559.D
Acq: 14 Oct 2022 19:37

Tgt Ion: 75 Resp: 13581
Ion Ratio Lower Upper
75 100
77 33.2 24.6 37.0
110 2.6 28.3 42.5#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.056 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.389 min
 Lab File: VV028559.D
 Acq: 14 Oct 2022 19:37

Instrument :
 MSVOA_V
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Tgt Ion:105 Resp: 1135
 Ion Ratio Lower Upper
 105 100
 120 50.0 38.0 57.0

