

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028904.D
 Acq On : 12 Nov 2022 03:23
 Operator : SY/MD
 Sample : N5590-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4

Quant Time: Nov 14 00:22:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	295231	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	271047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	130124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81775	4.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.568	69	76276	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.105	63	117020	3.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.892	46	190803	63.328	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.660%
24) Chloroform-d	4.342	84	184689	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.031	65	87315	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.047	84	394630	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.066	67	116195	5.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.313	98	346550	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.622	79	33119	4.495	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.088	63	175289	55.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.460%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80397	5.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	119780	5.145	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	14144	0.607	ug/L	84
8) Chloroethane	1.310	64	5477	0.400	ug/L	90
12) 1,1-Dichloroethene	2.111	96	1634	0.091	ug/L #	1
13) Acetone	2.185	43	232247	119.832	ug/L	84
14) Carbon disulfide	2.294	76	3802	0.060	ug/L	97
15) Methyl Acetate	2.185	43	226733	48.204	ug/L #	44
16) Methylene chloride	2.507	84	30422	1.316	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	6383	0.308	ug/L	94
21) 2-Butanone	4.085	43	37037	12.343	ug/L #	52
22) cis-1,2-Dichloroethene	3.905	96	203862	9.674	ug/L	98
34) Trichloroethene	5.915	95	31362	1.479	ug/L	97
35) Methylcyclohexane	6.066	83	29534	0.793	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	11985	0.627	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2352	0.088	ug/L #	63
49) Dibromochloromethane	7.976	129	491	0.032	ug/L #	10
51) Chlorobenzene	8.876	112	2060	0.037	ug/L #	81
53) m,p-Xylene	9.149	106	1297	0.035	ug/L	87
61) 1,2,3-Trichloropropane	11.243	75	14846	1.670	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.641	180	2597	0.085	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 12 03:43:58 2022
Response via : Initial Calibration

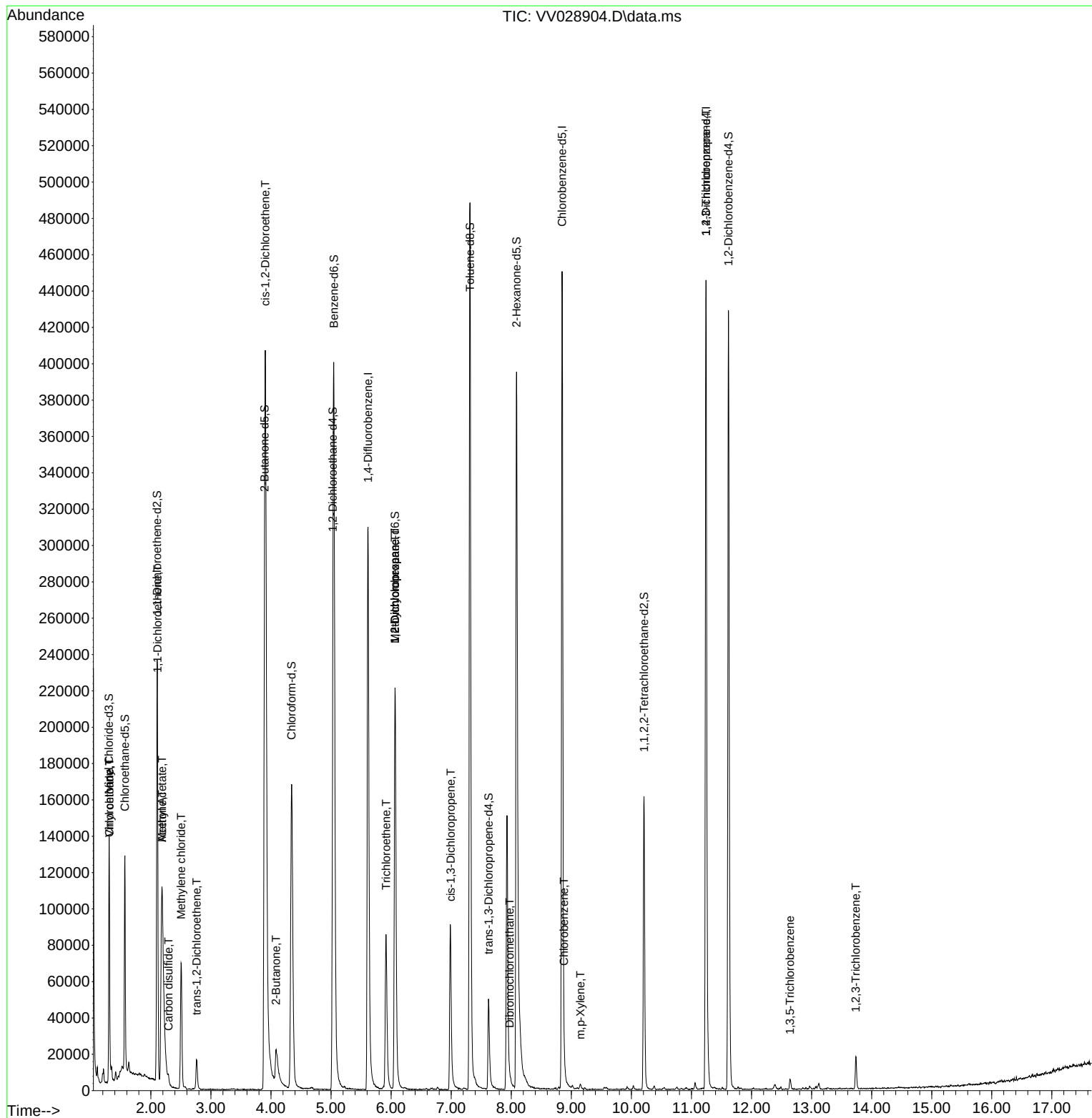
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.738	180	5918	0.302	ug/L	91

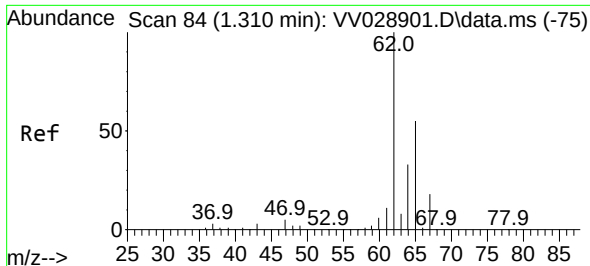
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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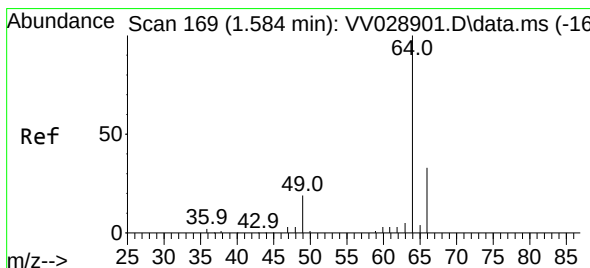
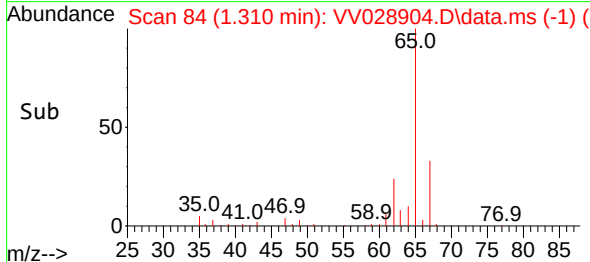
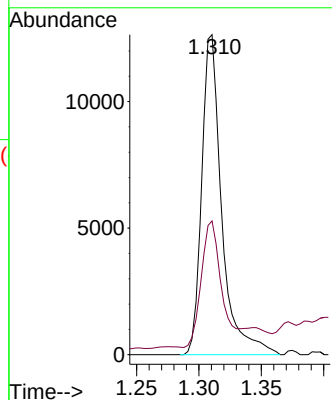
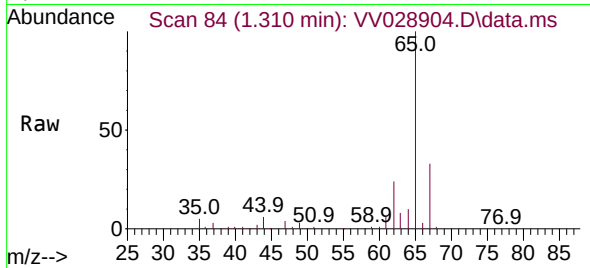




#5
 Vinyl chloride
 Concen: 0.607 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028904.D
 Acq: 12 Nov 2022 03:23

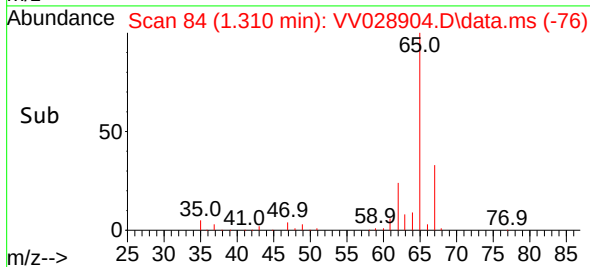
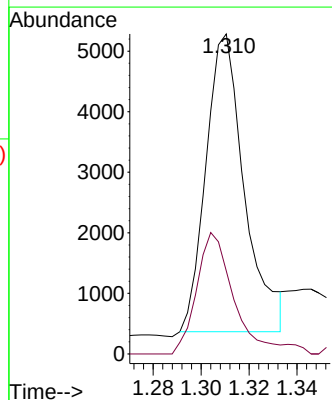
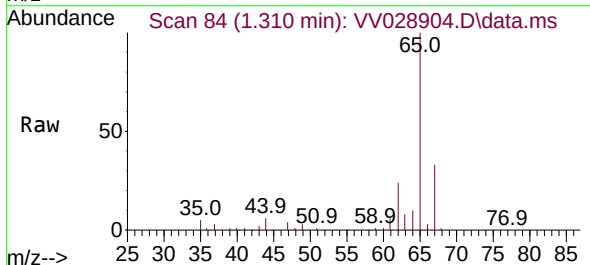
Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4

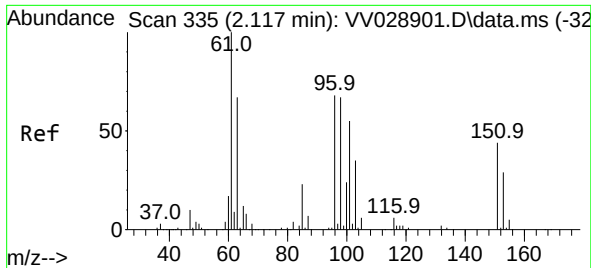
Tgt Ion: 62 Resp: 14144
 Ion Ratio Lower Upper
 62 100
 64 41.8 22.8 42.4



#8
 Chloroethane
 Concen: 0.400 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV028904.D
 Acq: 12 Nov 2022 03:23

Tgt Ion: 64 Resp: 5477
 Ion Ratio Lower Upper
 64 100
 66 26.0 22.0 40.8





#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV028904.D

Acq: 12 Nov 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

GBMX4

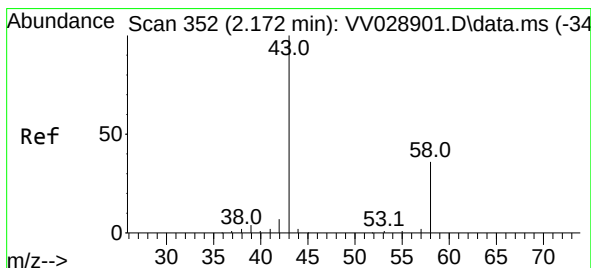
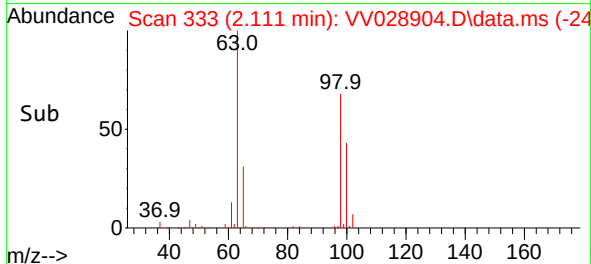
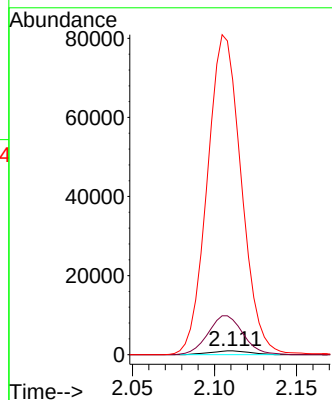
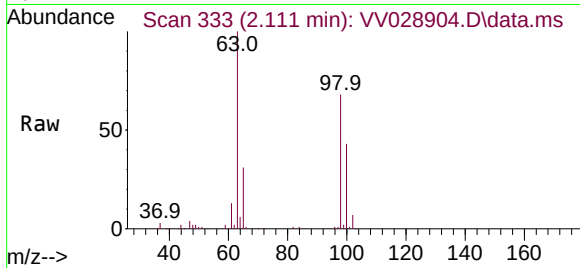
Tgt Ion: 96 Resp: 1634

Ion Ratio Lower Upper

96 100

61 906.2 104.2 193.4#

63 7109.2 75.9 140.9#



#13

Acetone

Concen: 119.832 ug/L

RT: 2.185 min Scan# 356

Delta R.T. 0.013 min

Lab File: VV028904.D

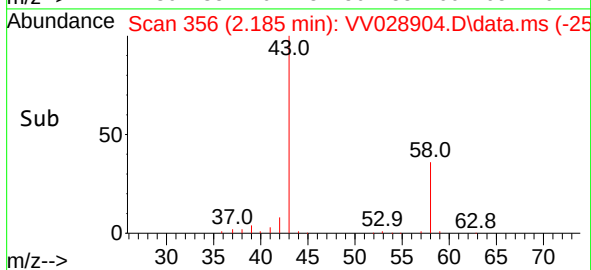
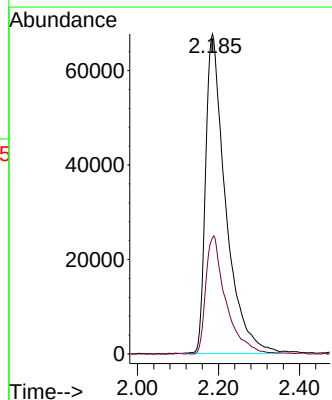
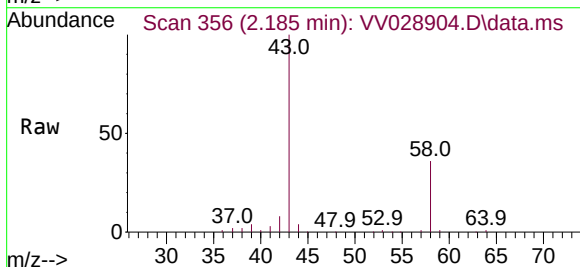
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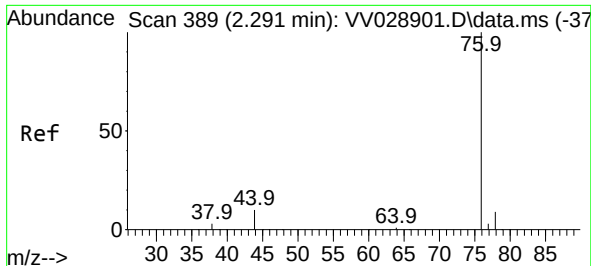
Tgt Ion: 43 Resp: 232247

Ion Ratio Lower Upper

43 100

58 36.7 0.0 56.6

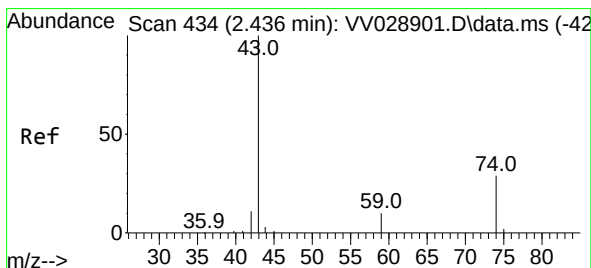
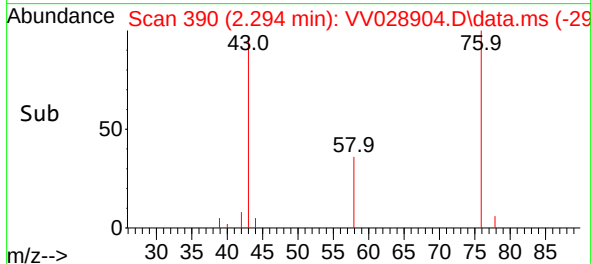
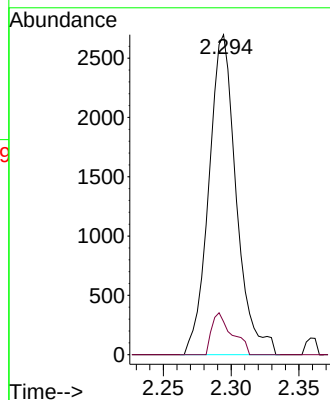
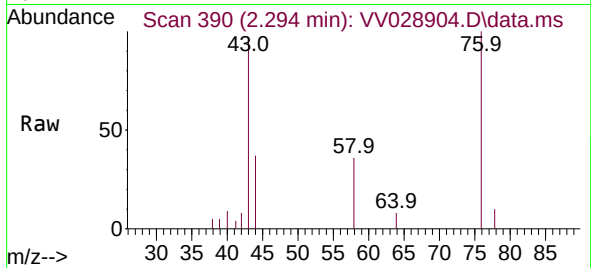




#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.294 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

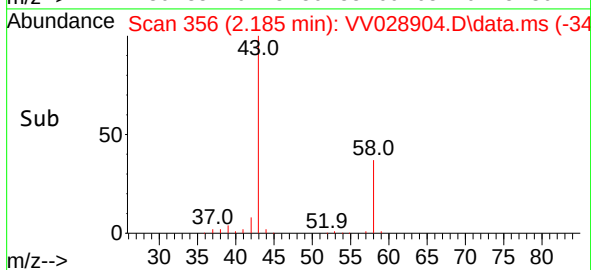
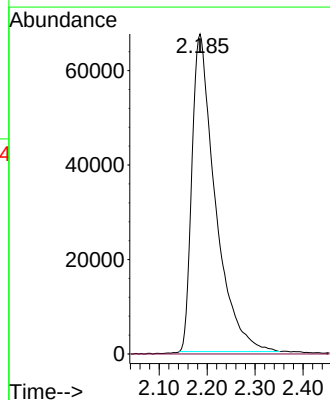
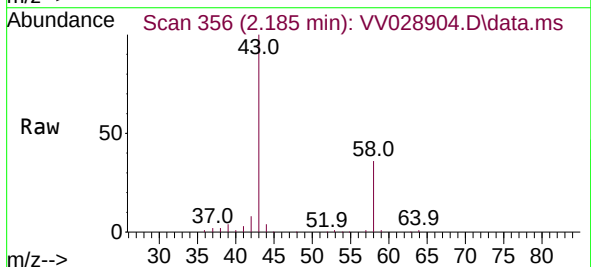
Instrument :
MSVOA_V
ClientSampleId :
GBMX4

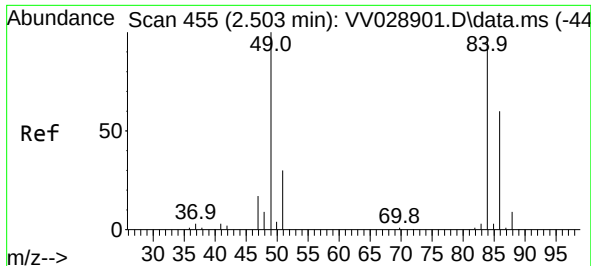
Tgt Ion: 76 Resp: 3802
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2



#15
Methyl Acetate
Concen: 48.204 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.251 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

Tgt Ion: 43 Resp: 226733
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#

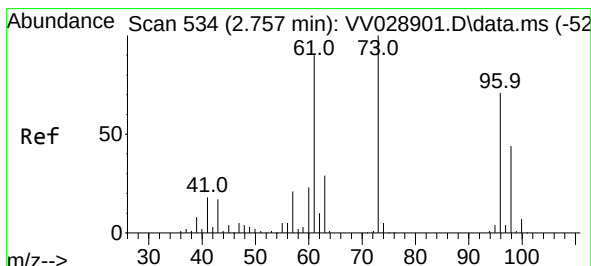
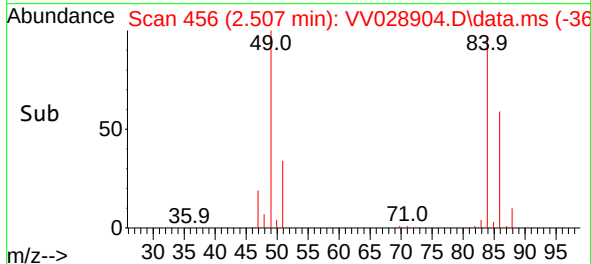
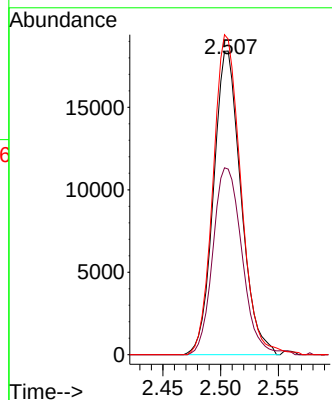
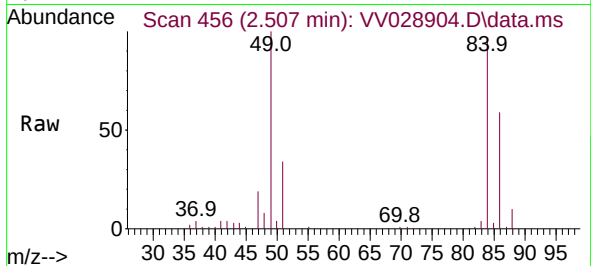




#16
Methylene chloride
Concen: 1.316 ug/L
RT: 2.507 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

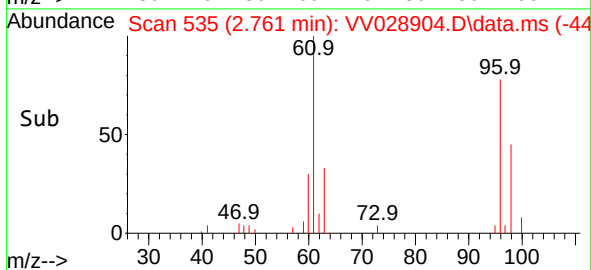
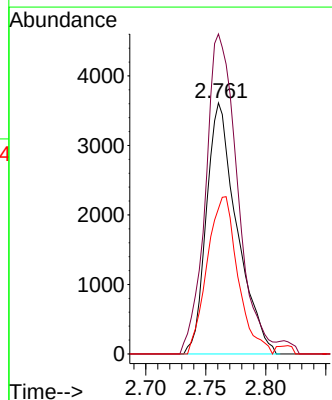
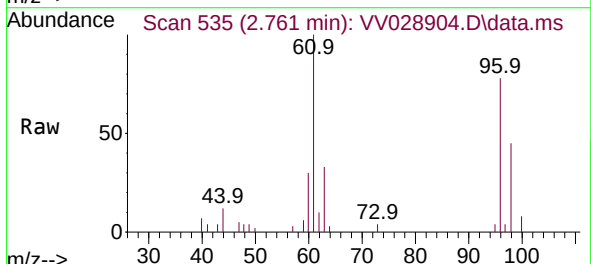
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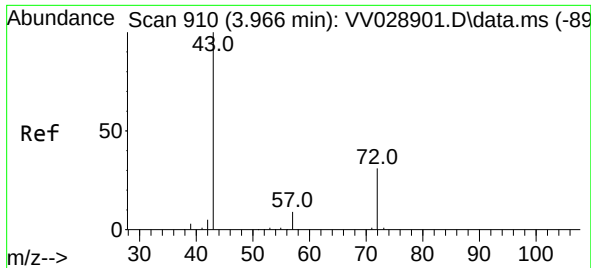
Tgt Ion: 84 Resp: 30422
Ion Ratio Lower Upper
84 100
86 61.1 45.8 85.0
49 103.9 75.5 140.1



#18
trans-1,2-Dichloroethene
Concen: 0.308 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

Tgt Ion: 96 Resp: 6383
Ion Ratio Lower Upper
96 100
61 127.5 91.8 170.6
98 57.9 46.4 86.2

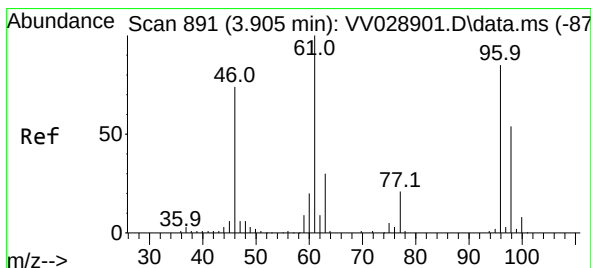
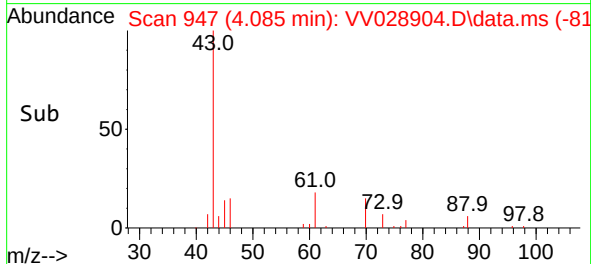
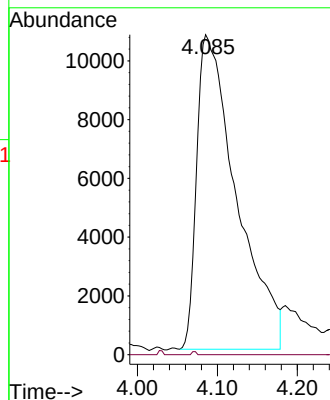
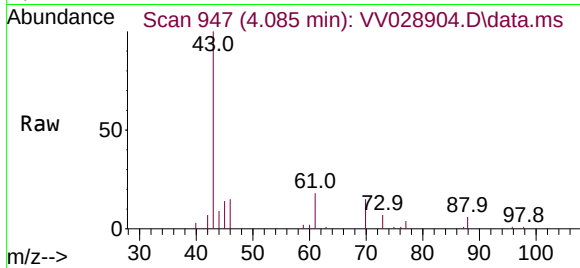




#21
2-Butanone
Concen: 12.343 ug/L
RT: 4.085 min Scan# 947
Delta R.T. 0.119 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

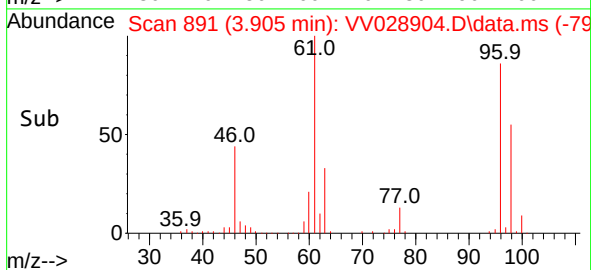
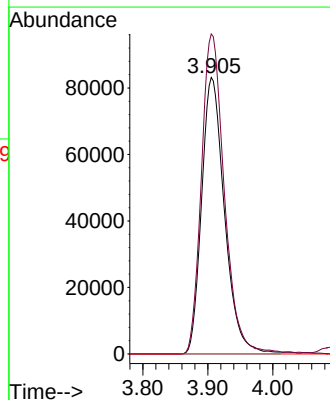
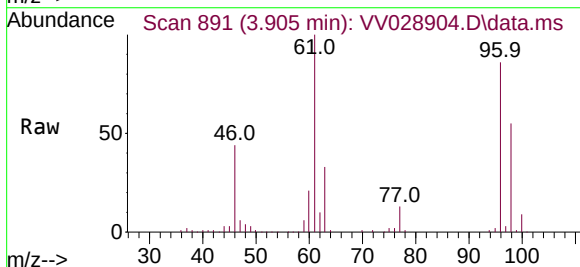
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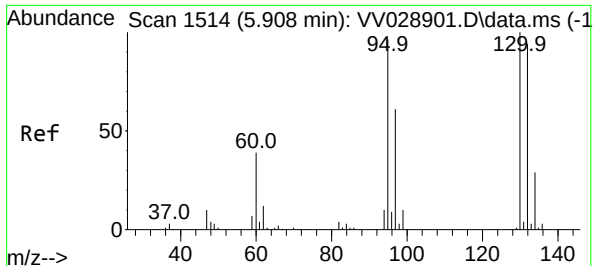
Tgt Ion: 43 Resp: 37037
Ion Ratio Lower Upper
43 100
72 0.1 11.9 35.9#



#22
cis-1,2-Dichloroethene
Concen: 9.674 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

Tgt Ion: 96 Resp: 203862
Ion Ratio Lower Upper
96 100
61 115.8 82.3 152.9
68 0.0 0.0 0.0

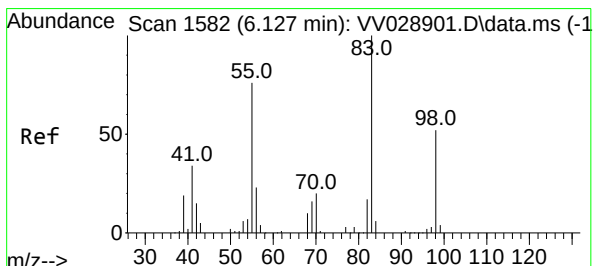
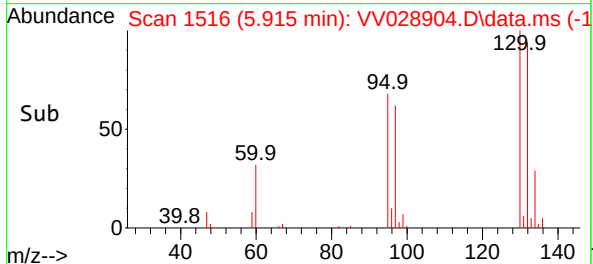
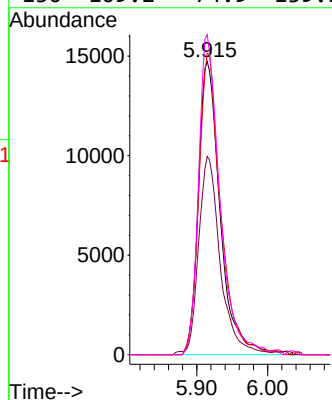
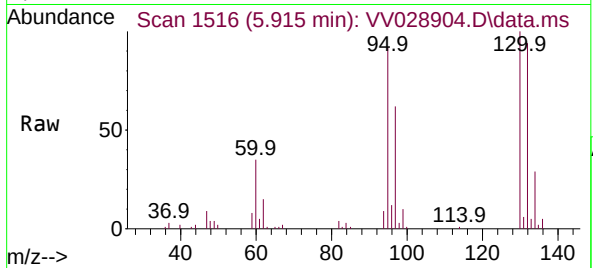




#34
Trichloroethene
Concen: 1.479 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

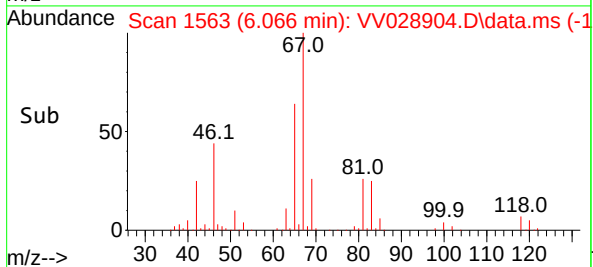
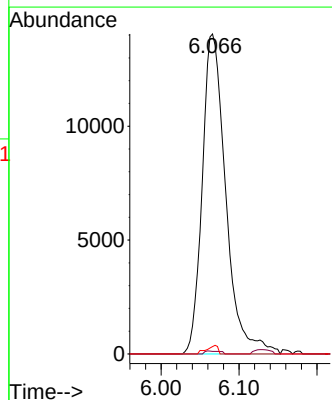
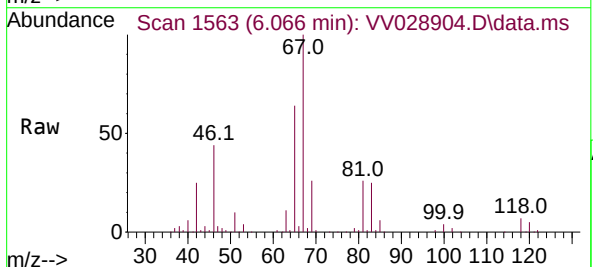
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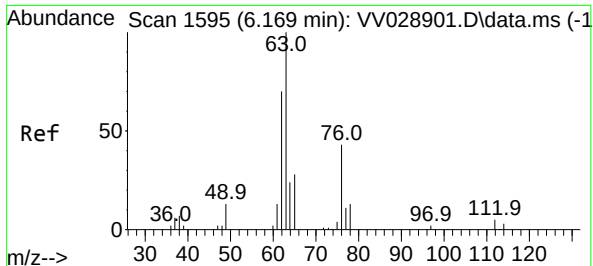
Tgt Ion: 95 Resp: 31362
Ion Ratio Lower Upper
95 100
97 67.7 45.6 84.8
132 102.8 69.1 128.3
130 109.2 74.9 139.1



#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

Tgt Ion: 83 Resp: 29534
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 1.3 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV028904.D

Acq: 12 Nov 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

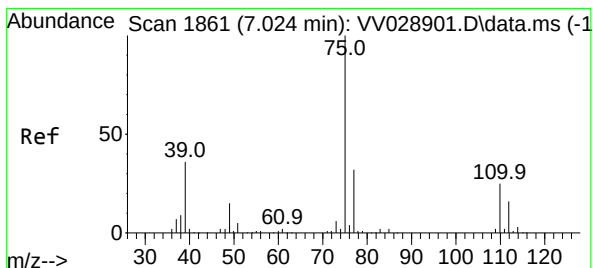
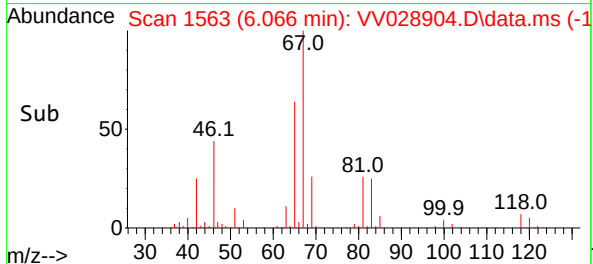
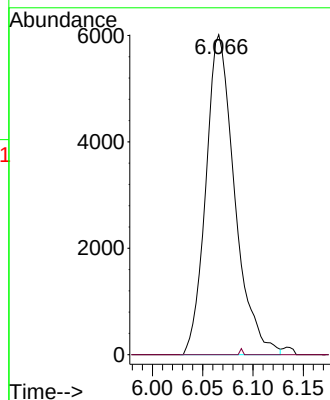
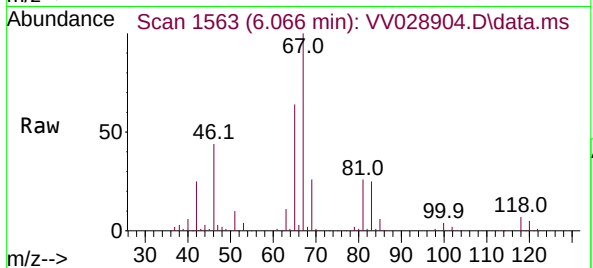
GBMX4

Tgt Ion: 63 Resp: 11985

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV028904.D

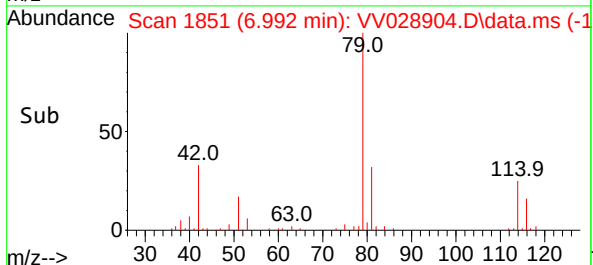
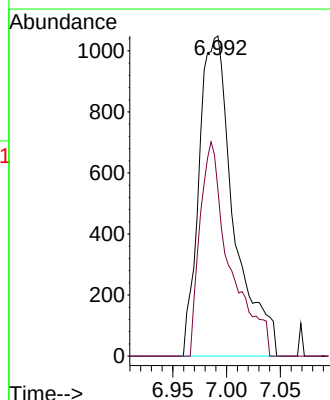
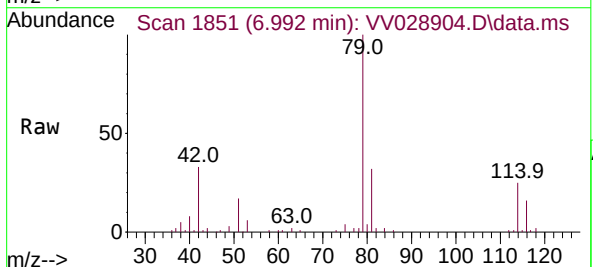
Acq: 12 Nov 2022 03:23

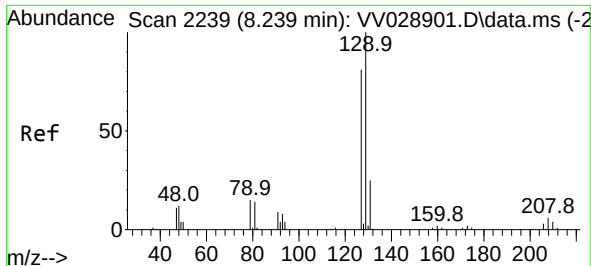
Tgt Ion: 75 Resp: 2352

Ion Ratio Lower Upper

75 100

77 51.9 21.8 40.6#





#49

Dibromochloromethane

Concen: 0.032 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.264 min

Lab File: VV028904.D

Acq: 12 Nov 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

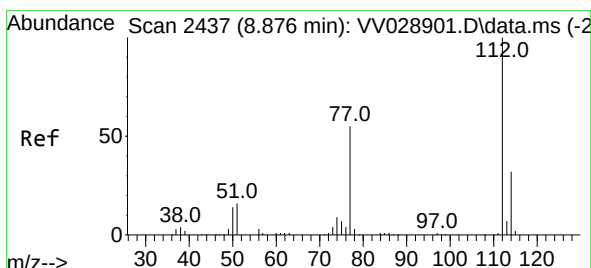
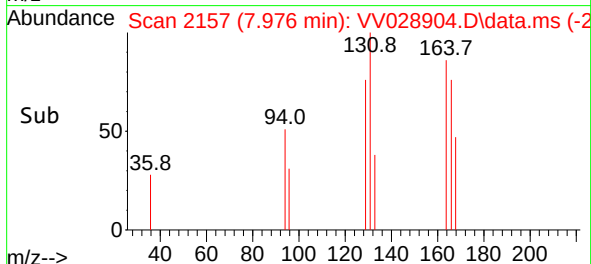
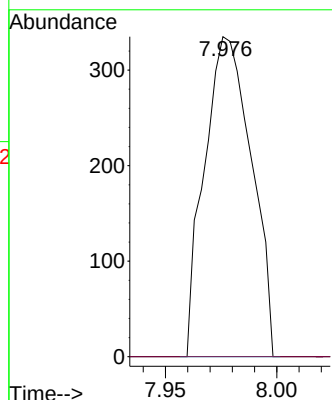
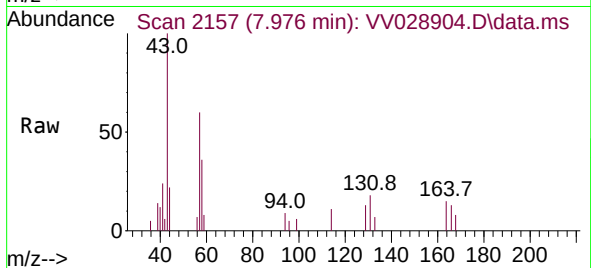
GBMX4

Tgt Ion:129 Resp: 491

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#51

Chlorobenzene

Concen: 0.037 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV028904.D

Acq: 12 Nov 2022 03:23

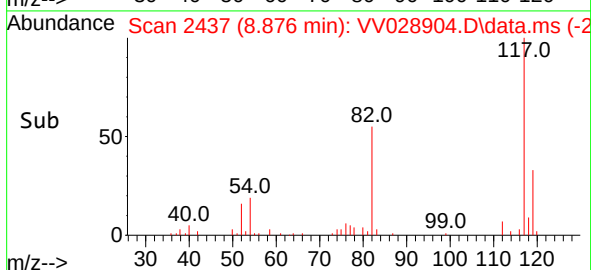
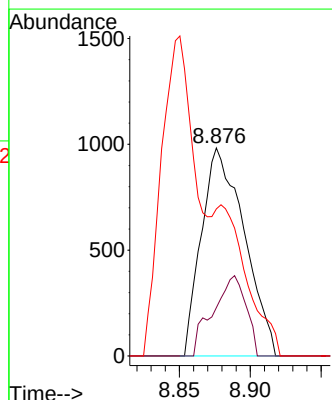
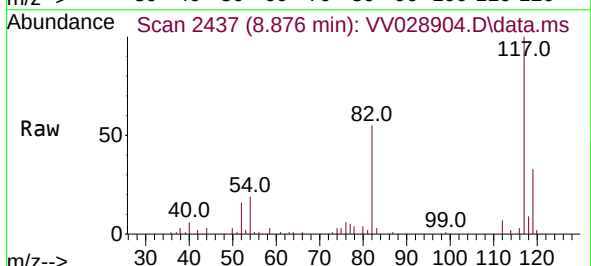
Tgt Ion:112 Resp: 2060

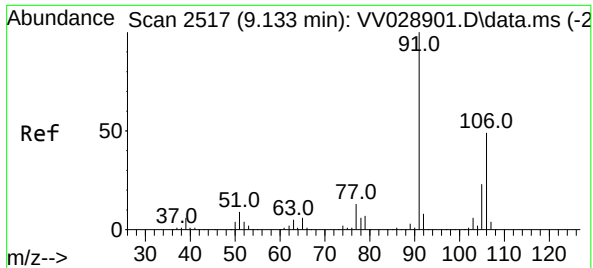
Ion Ratio Lower Upper

112 100

114 23.3 22.4 41.6

77 70.7 44.4 66.6#

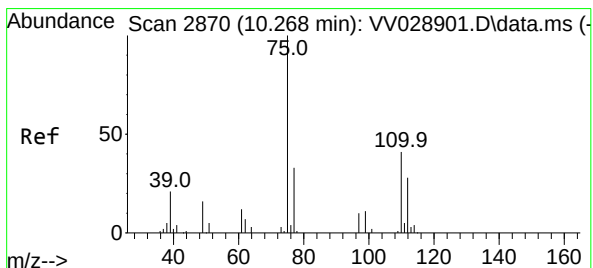
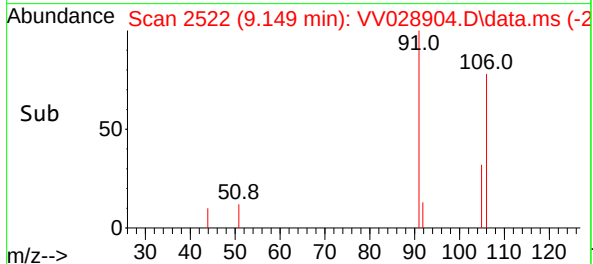
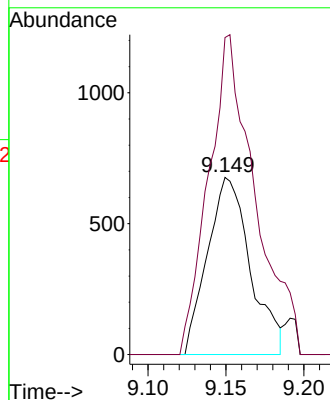
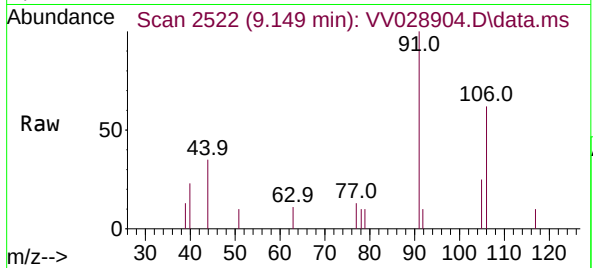




#53
m,p-Xylene
Concen: 0.035 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

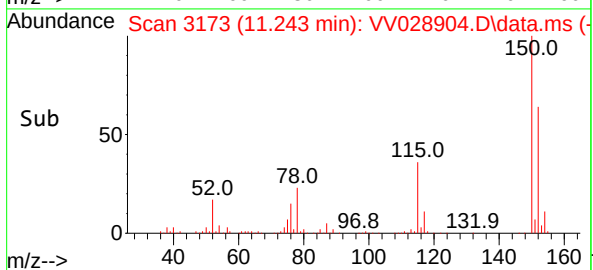
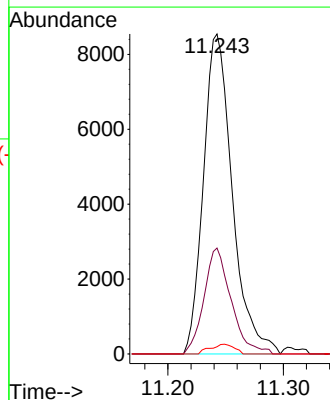
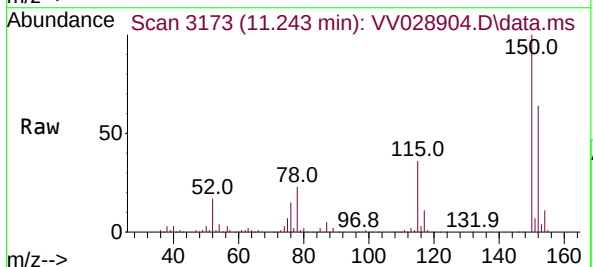
Instrument :
MSVOA_V
ClientSampleId :
GBMX4

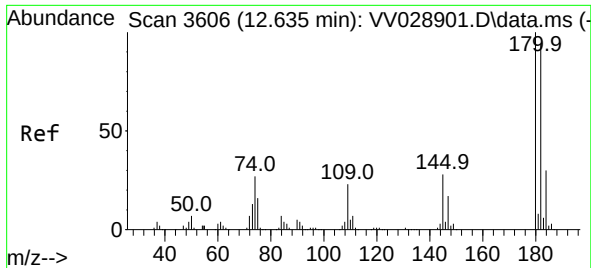
Tgt Ion:106 Resp: 1297
Ion Ratio Lower Upper
106 100
91 178.9 139.1 258.3



#61
1,2,3-Trichloropropane
Concen: 1.670 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028904.D
Acq: 12 Nov 2022 03:23

Tgt Ion: 75 Resp: 14846
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2
110 2.5 32.6 48.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.085 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.006 min

Lab File: VV028904.D

Acq: 12 Nov 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

GBMX4

Tgt Ion:180 Resp: 2597

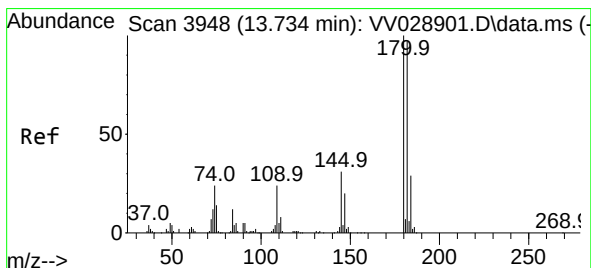
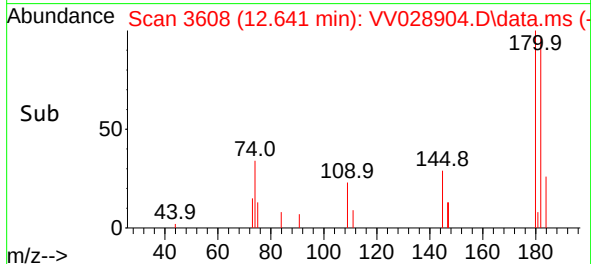
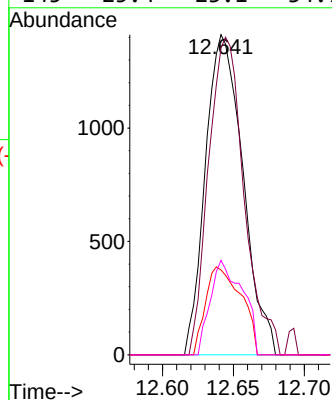
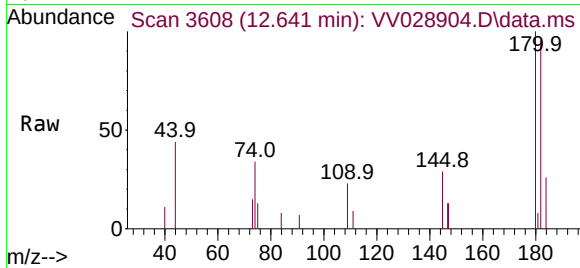
Ion Ratio Lower Upper

180 100

182 93.7 76.7 115.1

184 26.0 24.0 36.0

145 25.4 23.1 34.7



#72

1,2,3-Trichlorobenzene

Concen: 0.302 ug/L

RT: 13.738 min Scan# 3949

Delta R.T. 0.003 min

Lab File: VV028904.D

Acq: 12 Nov 2022 03:23

Tgt Ion:180 Resp: 5918

Ion Ratio Lower Upper

180 100

182 104.6 75.4 113.2

145 32.8 24.9 37.3

