

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028923.D
 Acq On : 12 Nov 2022 11:11
 Operator : SY/MD
 Sample : N5590-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4MSD

Quant Time: Nov 14 00:27:39 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	303551	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	274522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	139599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81399	4.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.568	69	78558	4.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.108	63	162451	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	3.895	46	212855	68.711	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.420%#
24) Chloroform-d	4.346	84	196736	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.030	65	86306	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.047	84	394540	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.066	67	116511	5.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.310	98	360137	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.619	79	34030	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.085	63	195613	61.409	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.820%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	82516	5.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	125606	5.029	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	125917	4.976	ug/L	98
3) Chloromethane	1.240	50	116976	5.570	ug/L	98
5) Vinyl chloride	1.310	62	140104	5.849	ug/L	95
6) Bromomethane	1.523	94	75962	5.306	ug/L	98
8) Chloroethane	1.584	64	89019	6.324	ug/L	95
9) Trichlorofluoromethane	1.751	101	168063	5.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	91083	4.981	ug/L	98
12) 1,1-Dichloroethene	2.117	96	99041	5.390	ug/L	94
13) Acetone	2.191	43	393153	197.294	ug/L	85
14) Carbon disulfide	2.291	76	330092	5.058	ug/L	100
15) Methyl Acetate	2.439	43	21296	4.404	ug/L	94
16) Methylene chloride	2.503	84	216850	9.127	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	230009	5.838	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	119777	5.620	ug/L	99
19) 1,1-Dichloroethane	3.185	63	190299	5.462	ug/L	98
21) 2-Butanone	3.982	43	177368	57.490	ug/L	80
22) cis-1,2-Dichloroethene	3.905	96	340726	15.726	ug/L	100
23) Bromochloromethane	4.243	128	49949	5.451	ug/L	96
25) Chloroform	4.371	83	194994	5.339	ug/L	98

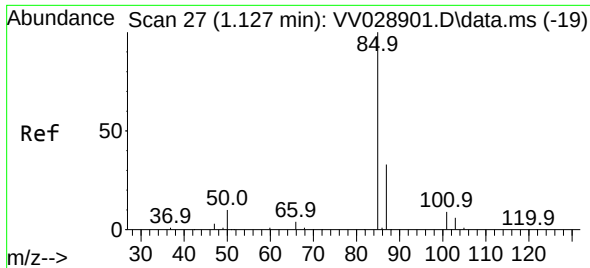
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028923.D
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	107688	5.724	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	166629	5.173	ug/L	99
30) Cyclohexane	4.674	56	164553	5.026	ug/L	98
31) Carbon tetrachloride	4.825	117	136504	4.921	ug/L	99
33) Benzene	5.095	78	455296	5.427	ug/L	100
34) Trichloroethene	5.911	95	147364	6.862	ug/L	98
35) Methylcyclohexane	6.127	83	178208	4.721	ug/L	98
37) 1,2-Dichloropropane	6.169	63	105180	5.437	ug/L	100
38) Bromodichloromethane	6.506	83	125583	5.126	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	135372	5.012	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	509108	61.168	ug/L	97
42) Toluene	7.384	91	488179	5.387	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	104922	5.004	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	73374	5.794	ug/L	98
47) Tetrachloroethene	7.969	164	92415	5.374	ug/L	98
48) 2-Hexanone	8.136	43	346875	59.496	ug/L	98
49) Dibromochloromethane	8.239	129	79655	5.203	ug/L	98
50) 1,2-Dibromoethane	8.349	107	67362	5.726	ug/L	96
51) Chlorobenzene	8.876	112	311759	5.564	ug/L	99
52) Ethylbenzene	9.008	91	521065	5.523	ug/L	99
53) m,p-Xylene	9.133	106	203519	5.424	ug/L	97
54) o-Xylene	9.535	106	192008	5.383	ug/L	98
55) Styrene	9.554	104	331337	5.538	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	81834	5.544	ug/L	98
59) Bromoform	9.725	173	38541	5.064	ug/L	100
60) Isopropylbenzene	9.924	105	501390	5.534	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	55571	5.825	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	418518	5.452	ug/L	98
63) 1,2,4-Trimethylbenzene	10.908	105	423945	5.514	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	237934	5.589	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	233480	5.455	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	213532	5.582	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	11594	6.177	ug/L	92
69) 1,3,5-Trichlorobenzene	12.635	180	175790	5.352	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	140946	5.673	ug/L	98
71) Naphthalene	13.493	128	209833	6.546	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	126524	6.013	ug/L	100

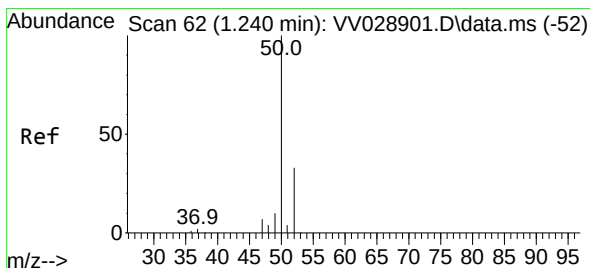
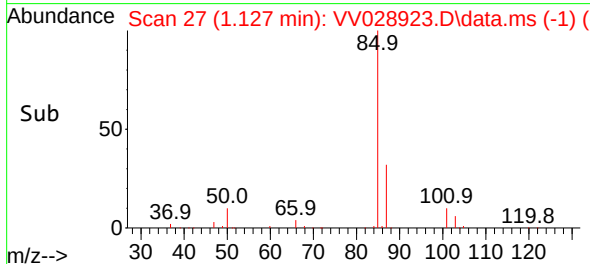
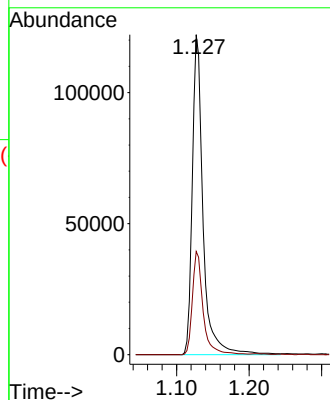
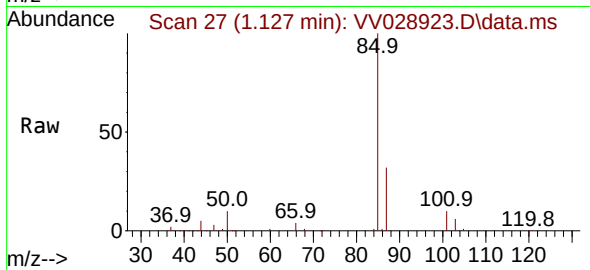
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.976 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

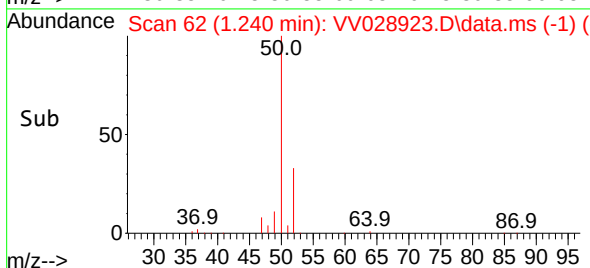
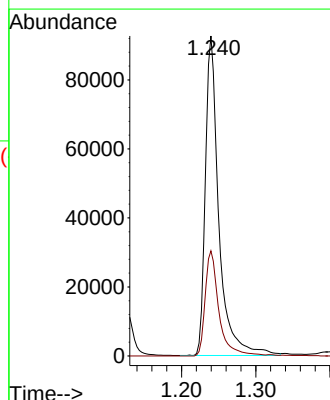
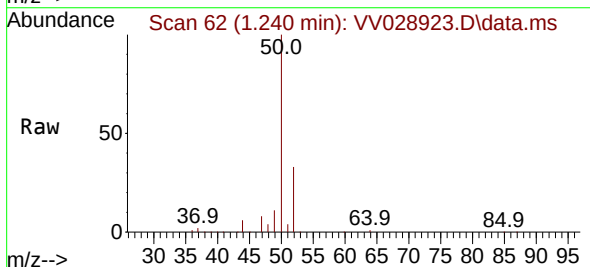
Instrument :
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 ClientSampleId :
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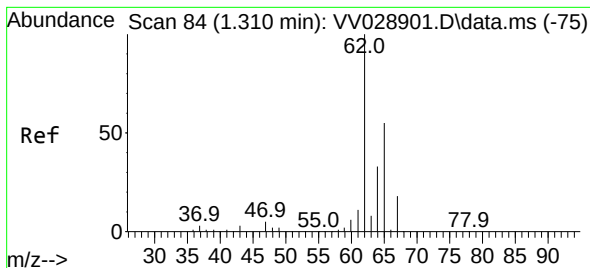
Tgt Ion: 85 Resp: 125917
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.4



#3
 Chloromethane
 Concen: 5.570 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

Tgt Ion: 50 Resp: 116976
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

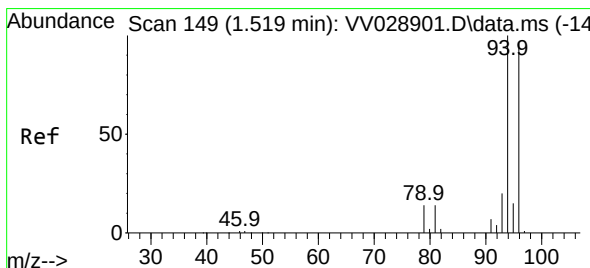
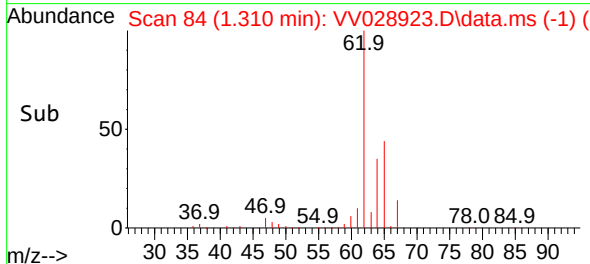
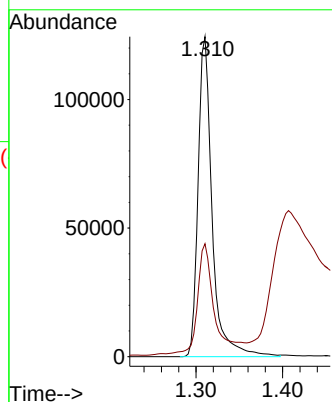
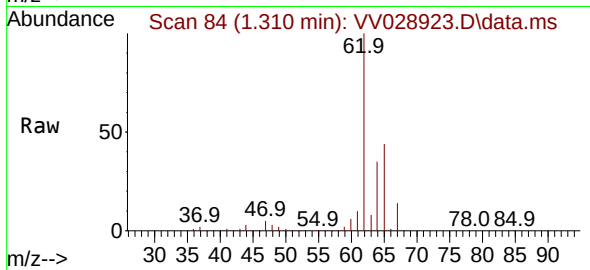




#5
 Vinyl chloride
 Concen: 5.849 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

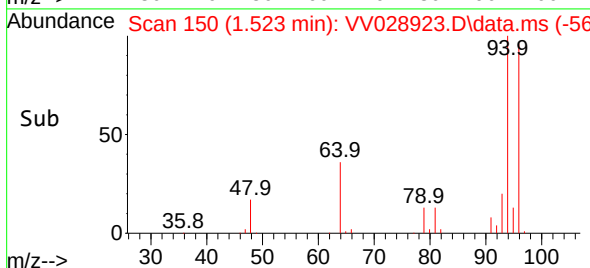
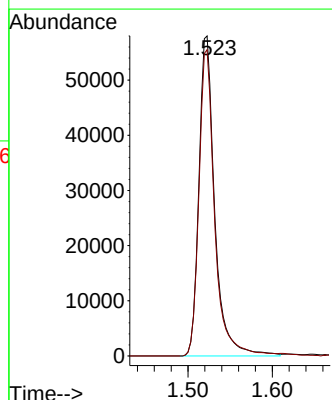
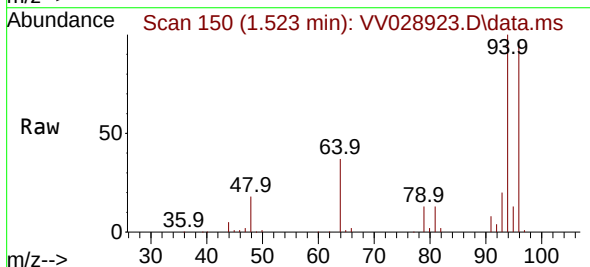
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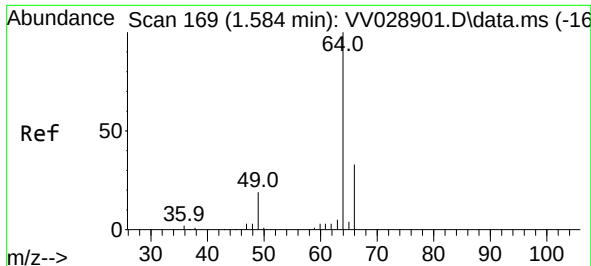
Tgt Ion: 62 Resp: 140104
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.8 42.4



#6
 Bromomethane
 Concen: 5.306 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

Tgt Ion: 94 Resp: 75962
 Ion Ratio Lower Upper
 94 100
 96 95.7 68.5 127.3

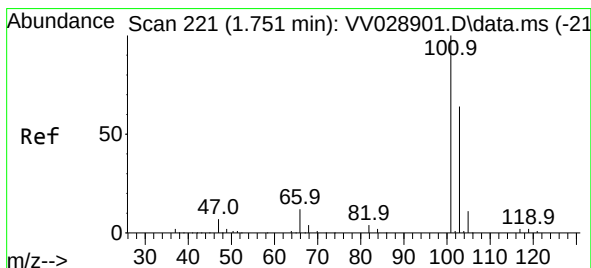
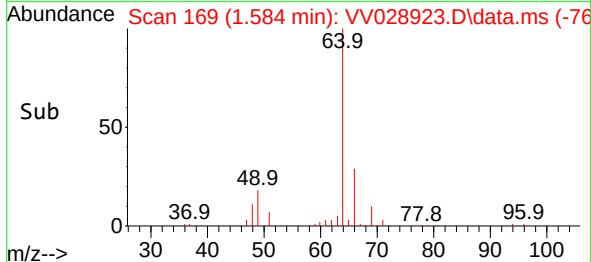
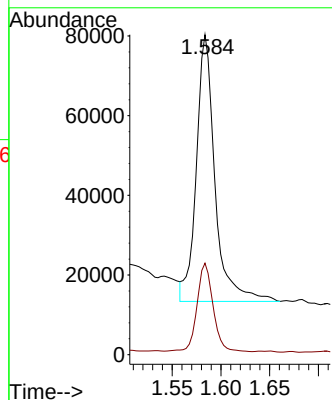
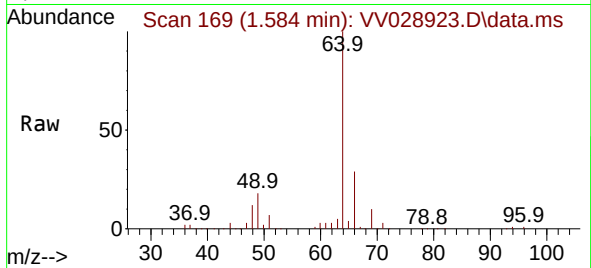




#8
Chloroethane
Concen: 6.324 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

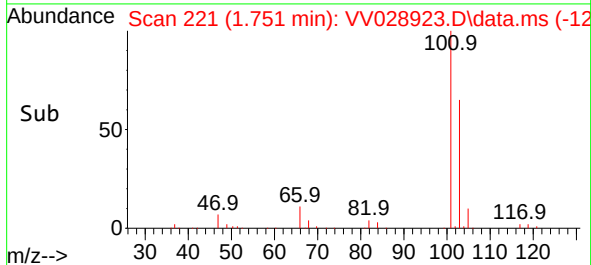
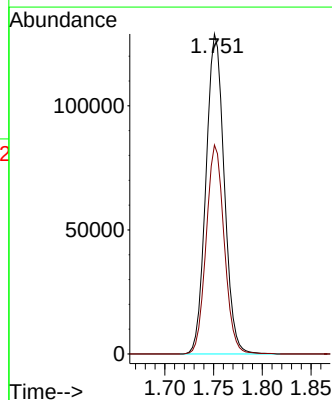
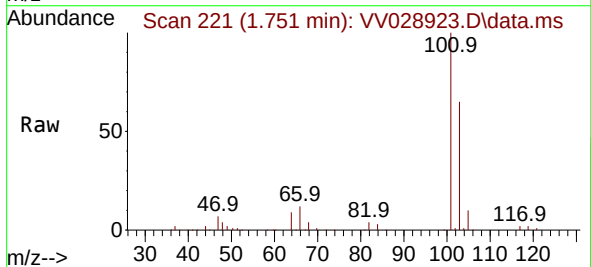
Instrument :
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ClientSampleId :
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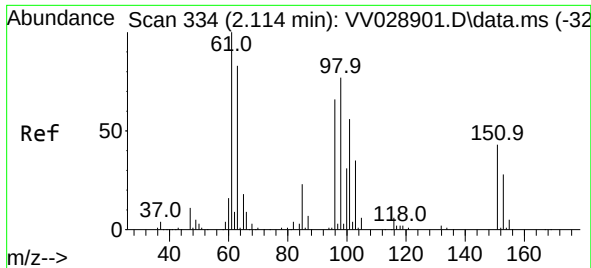
Tgt Ion: 64 Resp: 89019
Ion Ratio Lower Upper
64 100
66 28.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.203 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion:101 Resp: 168063
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

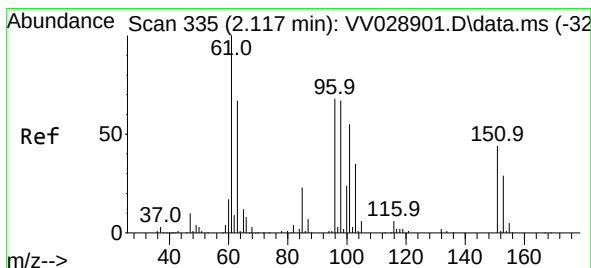
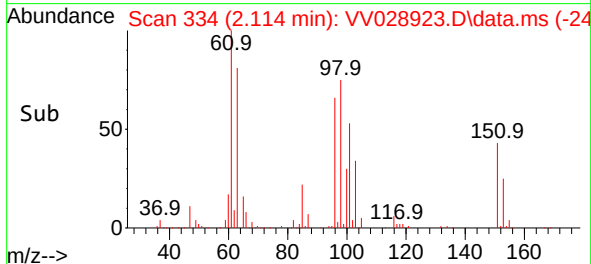
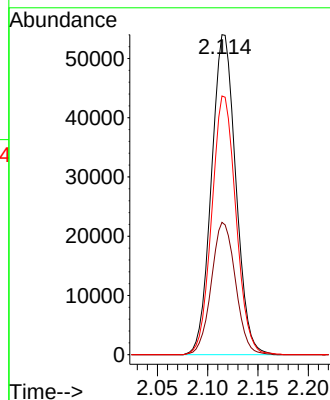
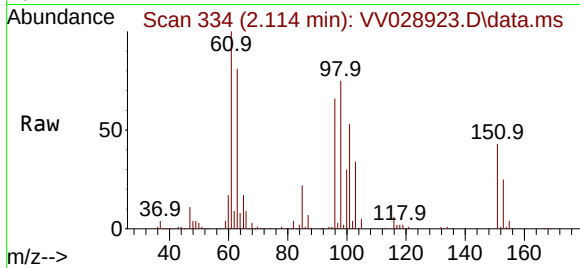




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.981 ug/L
 RT: 2.114 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

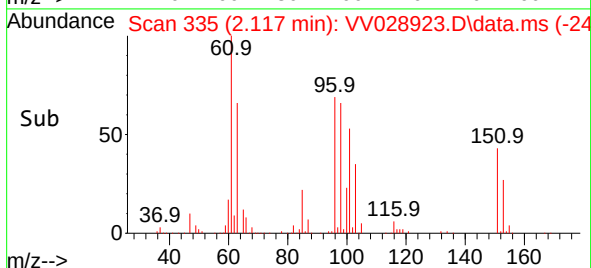
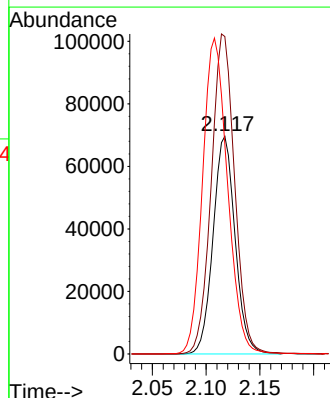
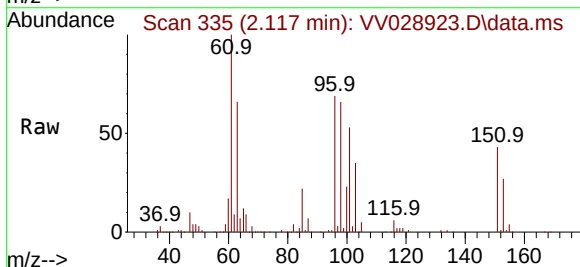
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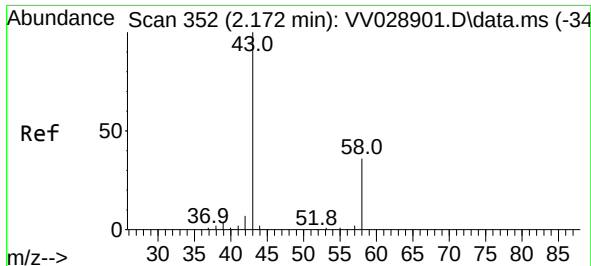
Tgt Ion:	101	Resp:	91083
Ion	Ratio	Lower	Upper
101	100		
85	41.0	32.9	49.3
151	80.2	62.5	93.7



#12
 1,1-Dichloroethene
 Concen: 5.390 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

Tgt Ion:	96	Resp:	99041
Ion	Ratio	Lower	Upper
96	100		
61	145.9	104.2	193.4
63	96.3	75.9	140.9

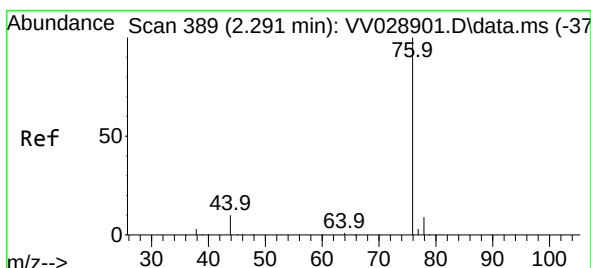
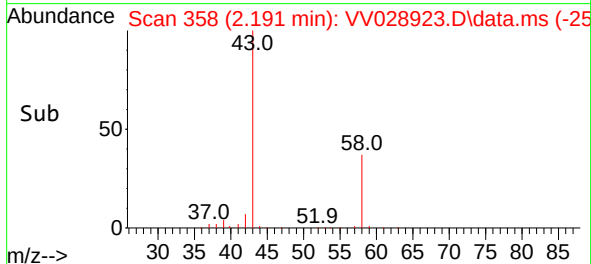
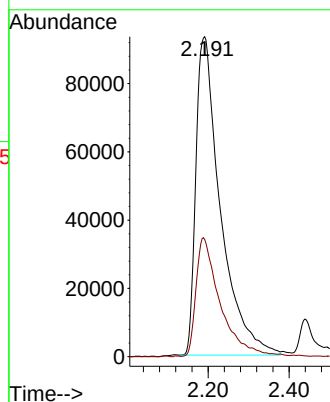
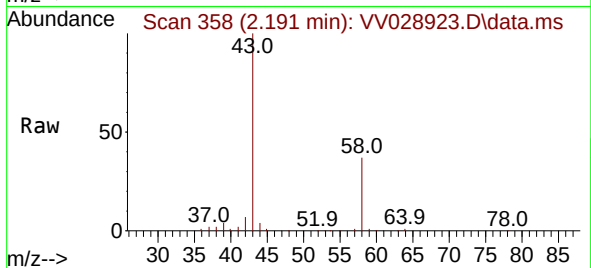




#13
Acetone
Concen: 197.294 ug/L
RT: 2.191 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

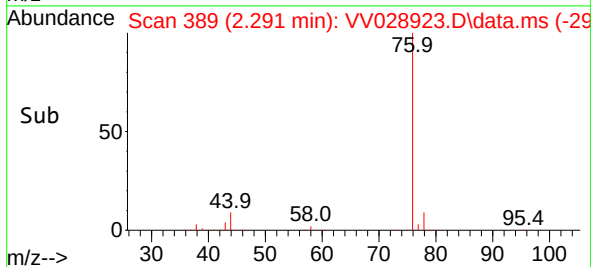
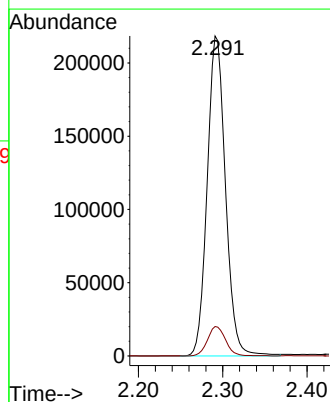
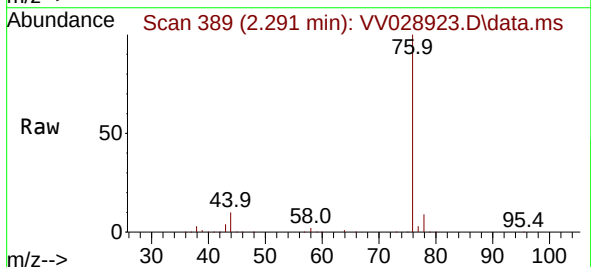
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

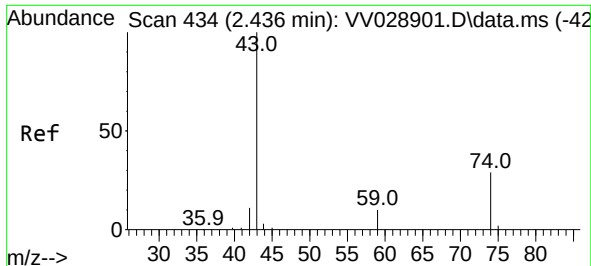
Tgt Ion: 43 Resp: 393153
Ion Ratio Lower Upper
43 100
58 36.3 0.0 56.6



#14
Carbon disulfide
Concen: 5.058 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 76 Resp: 330092
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

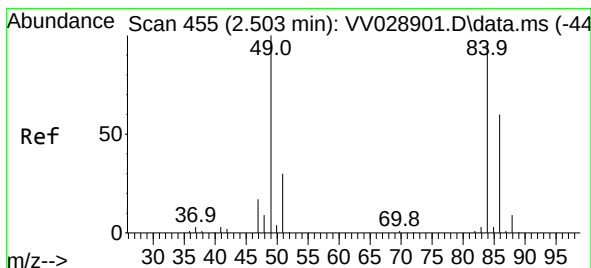
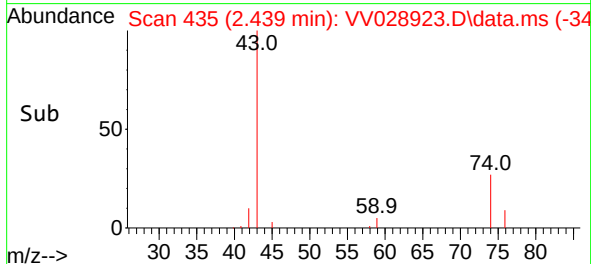
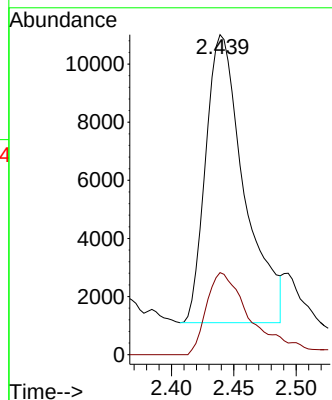
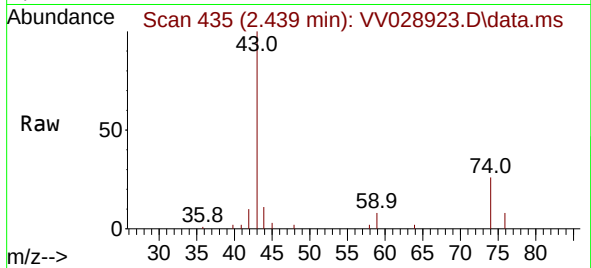




#15
Methyl Acetate
Concen: 4.404 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

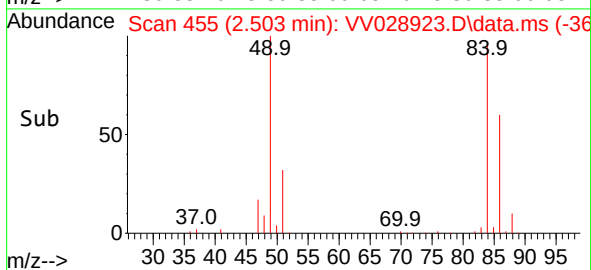
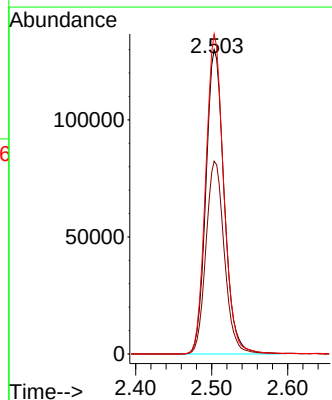
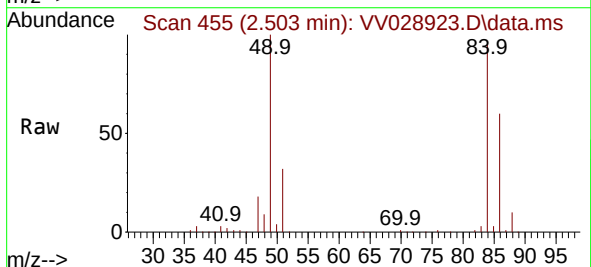
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

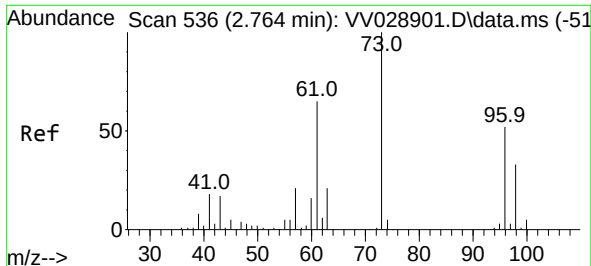
Tgt Ion: 43 Resp: 21296
Ion Ratio Lower Upper
43 100
74 34.1 24.6 37.0



#16
Methylene chloride
Concen: 9.127 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 84 Resp: 216850
Ion Ratio Lower Upper
84 100
86 63.4 45.8 85.0
49 105.2 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 5.838 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MSD

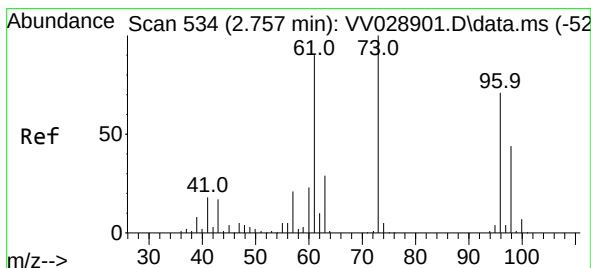
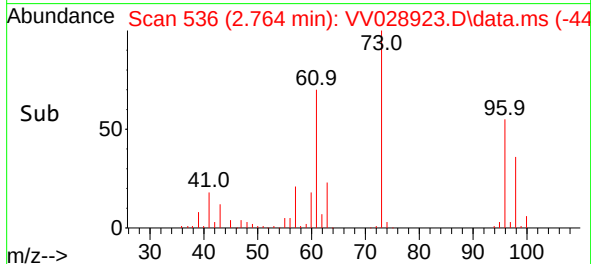
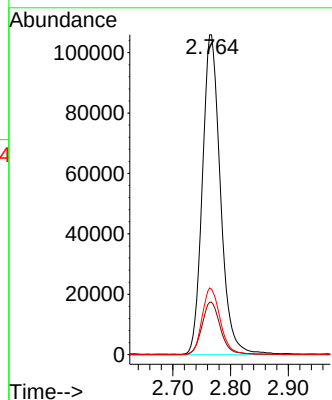
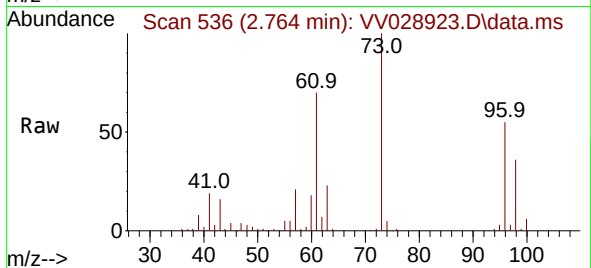
Tgt Ion: 73 Resp: 230009

Ion Ratio Lower Upper

73 100

43 16.5 13.0 19.4

57 21.0 16.6 24.8



#18

trans-1,2-Dichloroethene

Concen: 5.620 ug/L

RT: 2.757 min Scan# 534

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

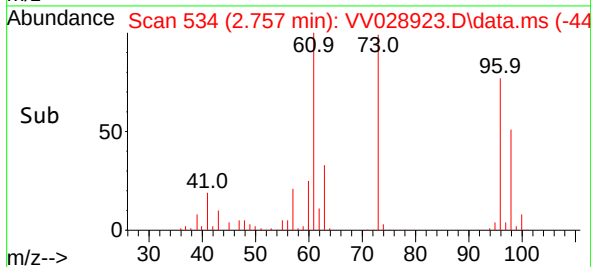
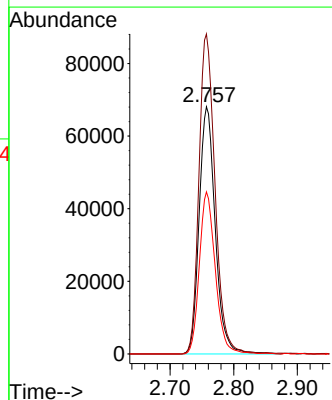
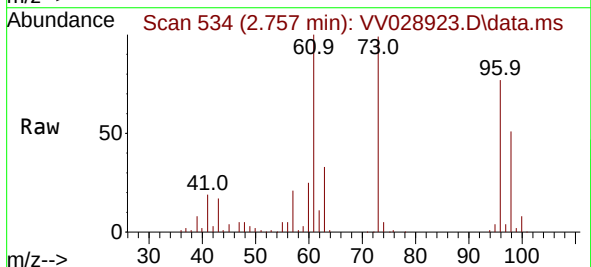
Tgt Ion: 96 Resp: 119777

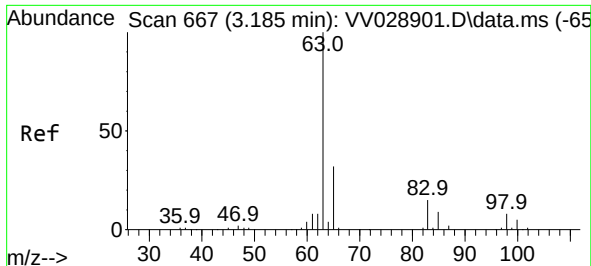
Ion Ratio Lower Upper

96 100

61 129.5 91.8 170.6

98 65.6 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.462 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MSD

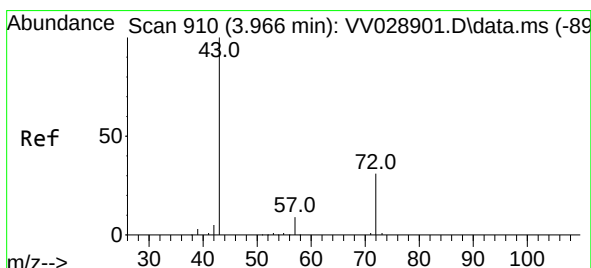
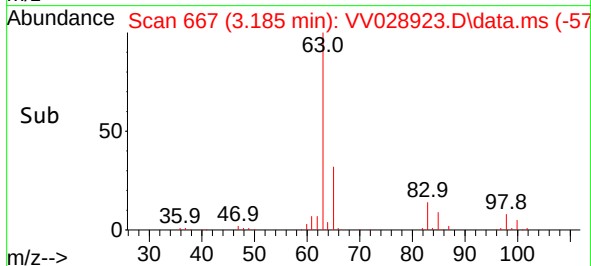
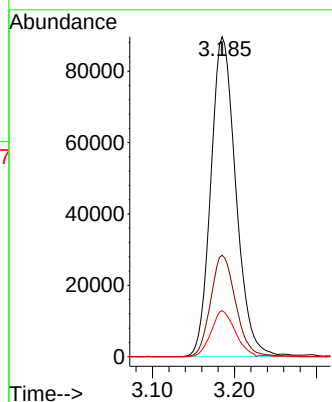
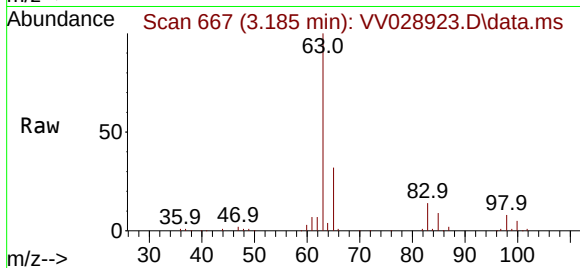
Tgt Ion: 63 Resp: 190299

Ion Ratio Lower Upper

63 100

65 31.7 23.0 42.6

83 14.4 9.4 17.6



#21

2-Butanone

Concen: 57.490 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.016 min

Lab File: VV028923.D

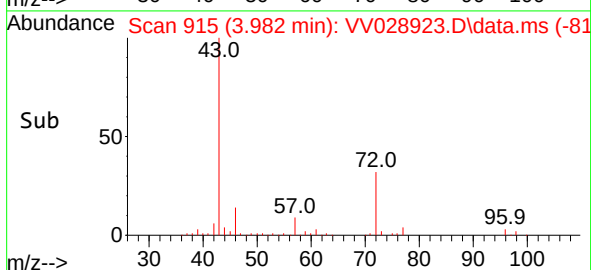
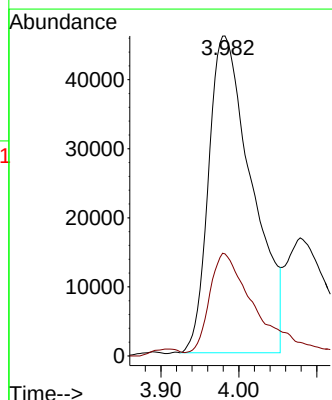
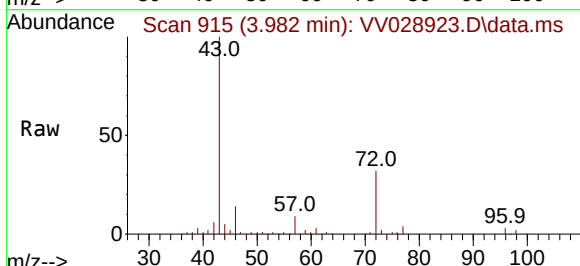
Acq: 12 Nov 2022 11:11

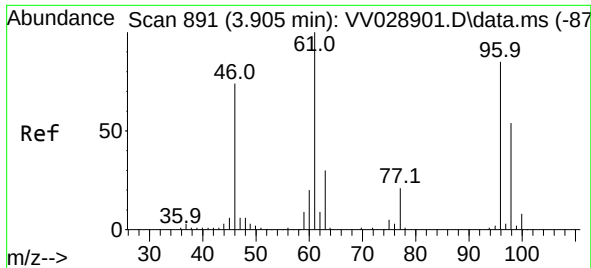
Tgt Ion: 43 Resp: 177368

Ion Ratio Lower Upper

43 100

72 33.6 11.9 35.9

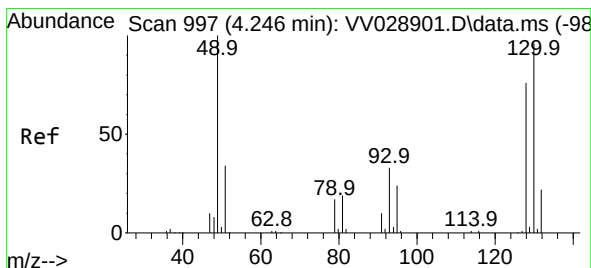
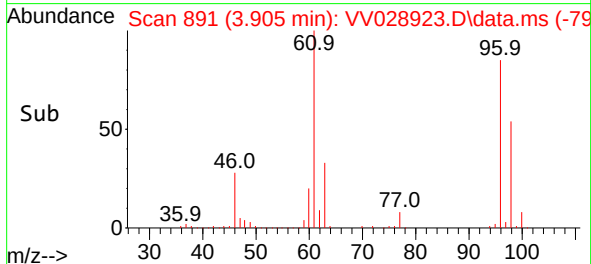
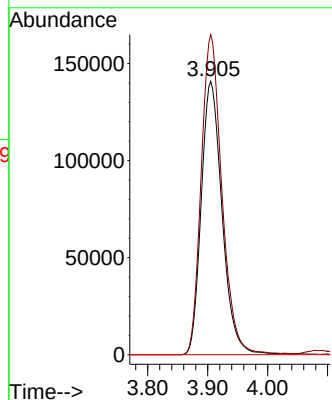
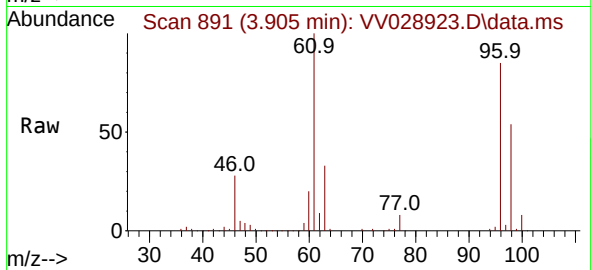




#22
 cis-1,2-Dichloroethene
 Concen: 15.726 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

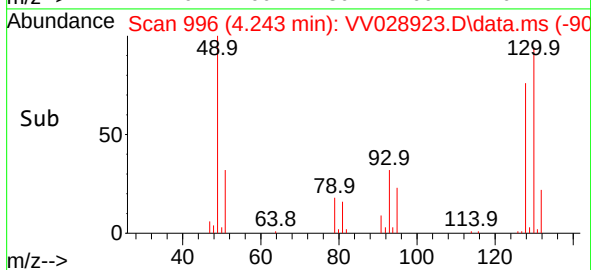
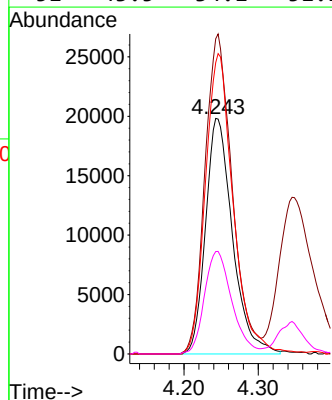
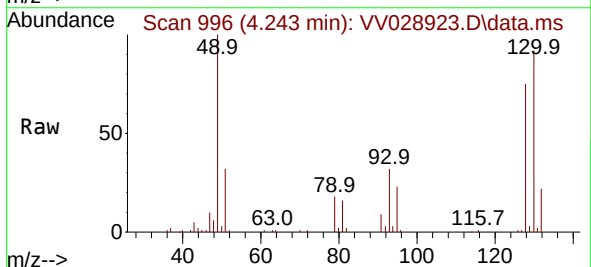
Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4MSD

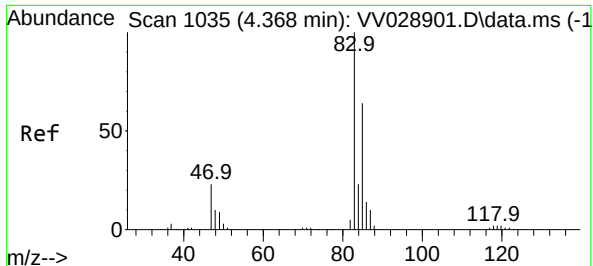
Tgt Ion: 96 Resp: 340726
 Ion Ratio Lower Upper
 96 100
 61 117.1 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.451 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.003 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

Tgt Ion: 128 Resp: 49949
 Ion Ratio Lower Upper
 128 100
 49 133.9 89.5 166.1
 130 123.7 84.4 156.8
 51 43.5 34.1 51.1





#25

Chloroform

Concen: 5.339 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

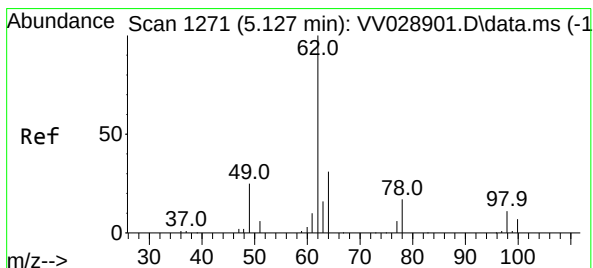
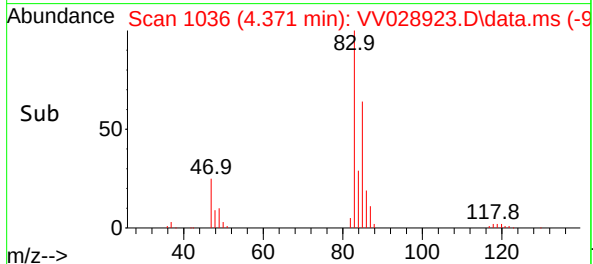
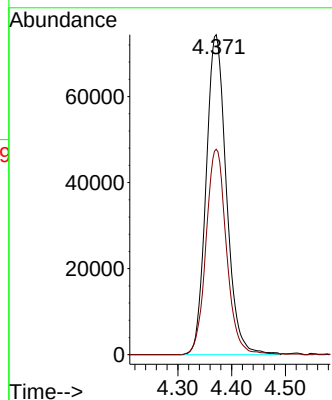
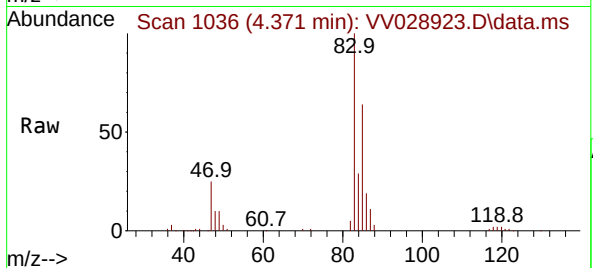
GBMX4MSD

Tgt Ion: 83 Resp: 194994

Ion Ratio Lower Upper

83 100

85 64.2 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.724 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV028923.D

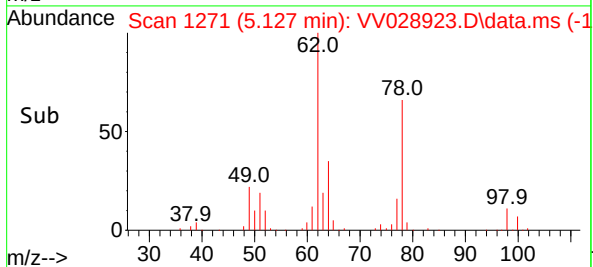
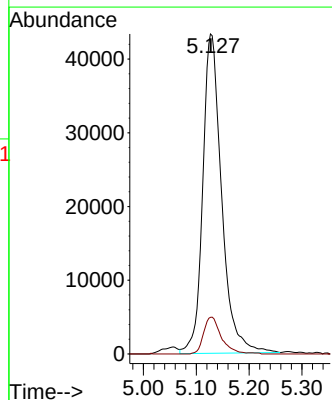
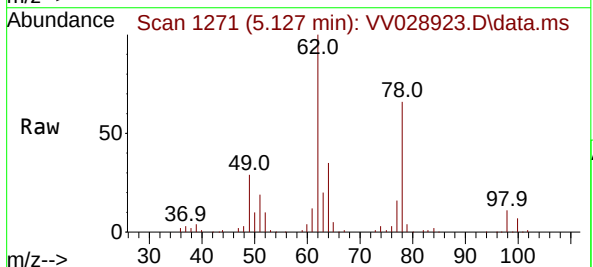
Acq: 12 Nov 2022 11:11

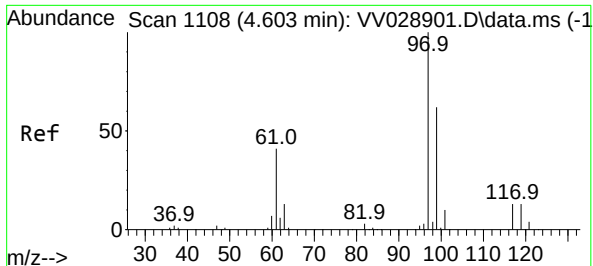
Tgt Ion: 62 Resp: 107688

Ion Ratio Lower Upper

62 100

98 11.5 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.173 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MSD

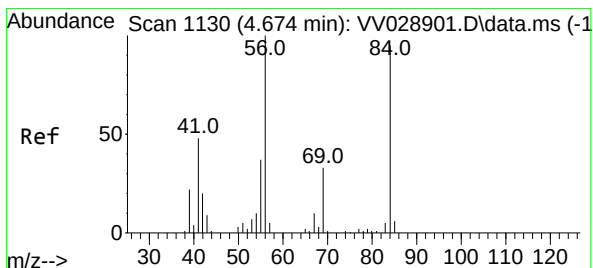
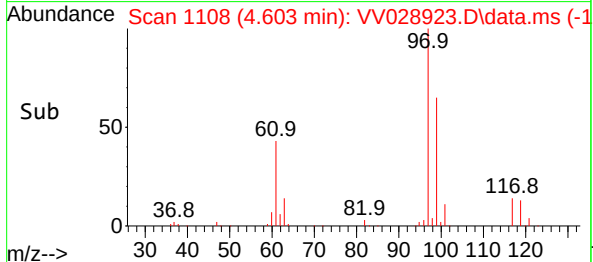
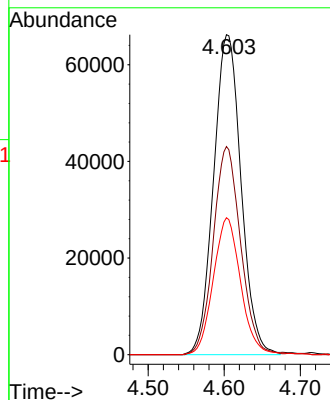
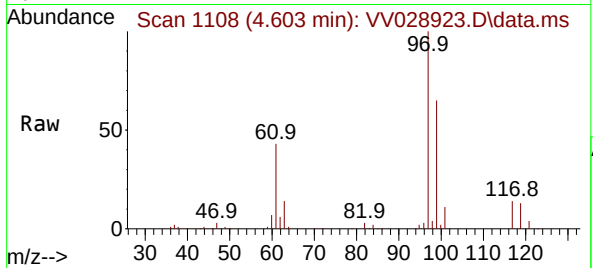
Tgt Ion: 97 Resp: 166629

Ion Ratio Lower Upper

97 100

99 64.5 52.7 79.1

61 42.6 33.8 50.6



#30

Cyclohexane

Concen: 5.026 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

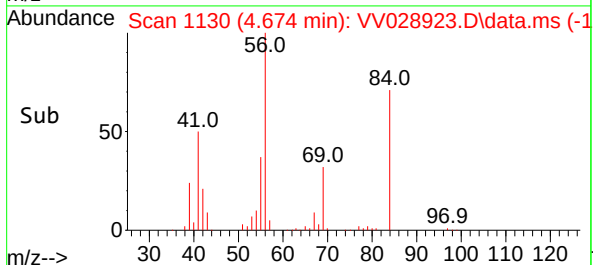
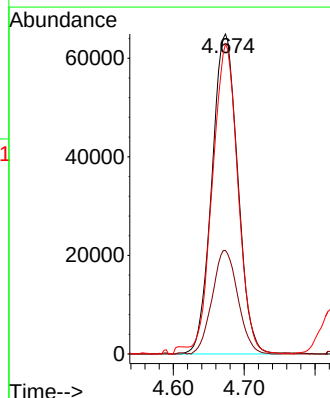
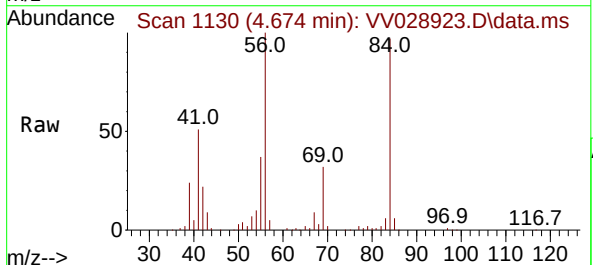
Tgt Ion: 56 Resp: 164553

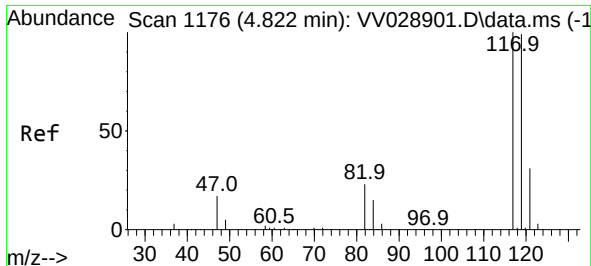
Ion Ratio Lower Upper

56 100

69 32.2 26.1 39.1

84 94.7 77.9 116.9

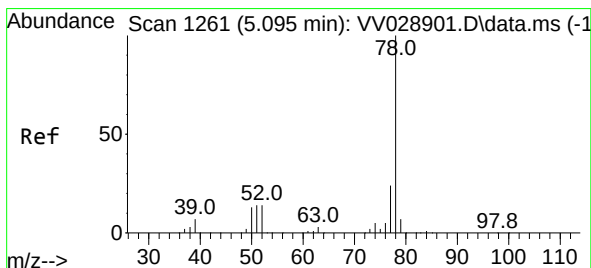
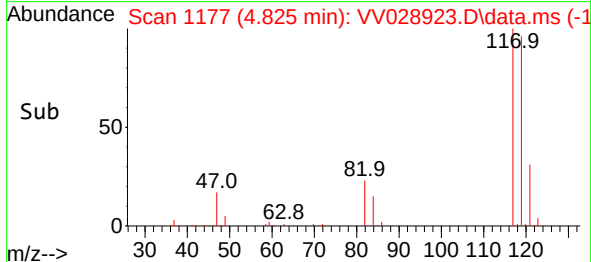
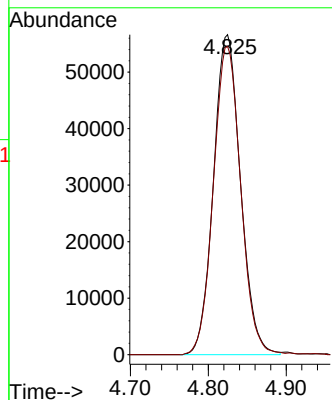
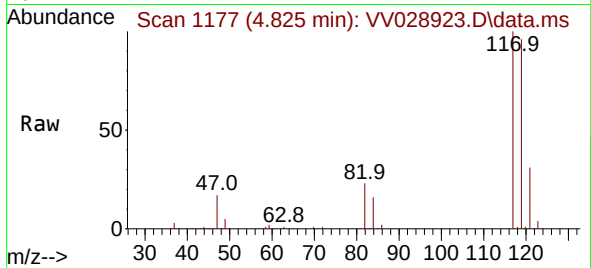




#31
Carbon tetrachloride
Concen: 4.921 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

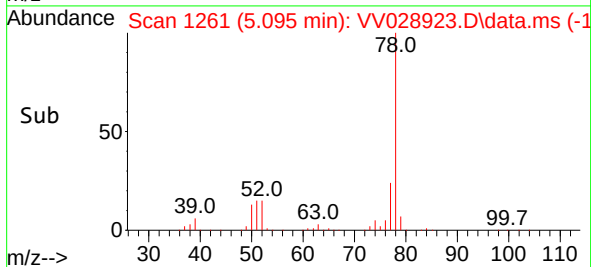
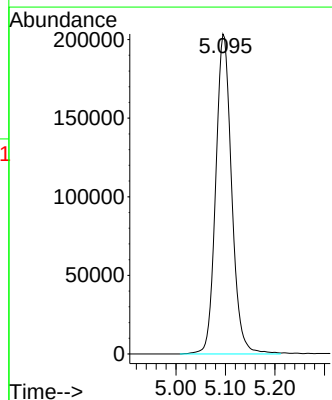
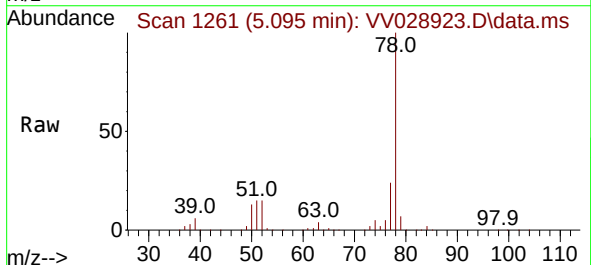
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

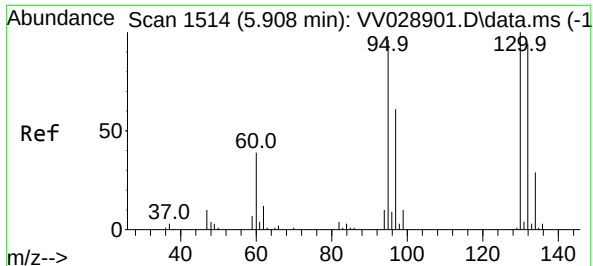
Tgt Ion:117 Resp: 136504
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.6



#33
Benzene
Concen: 5.427 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 78 Resp: 455296

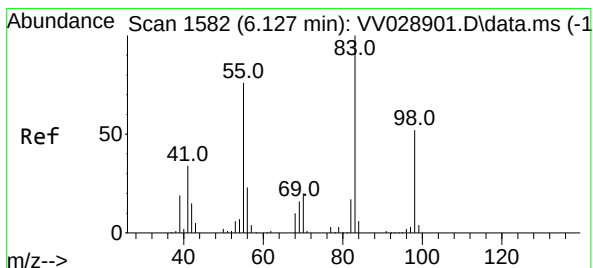
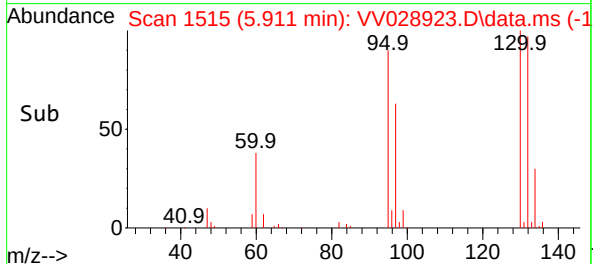
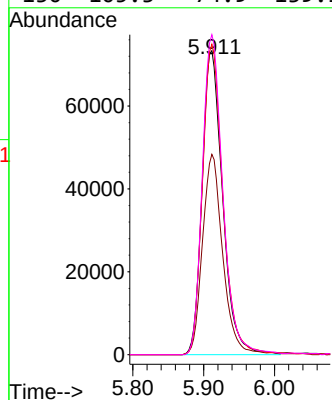
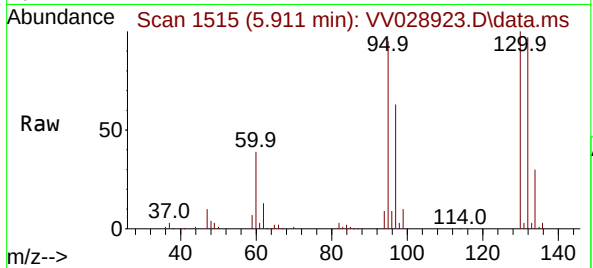




#34
Trichloroethene
Concen: 6.862 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

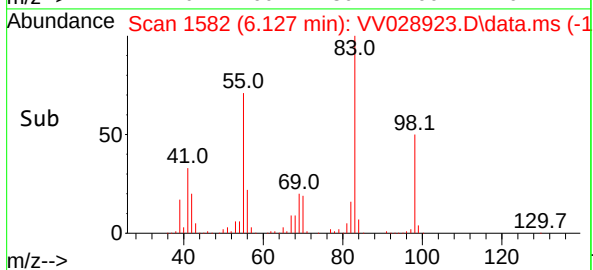
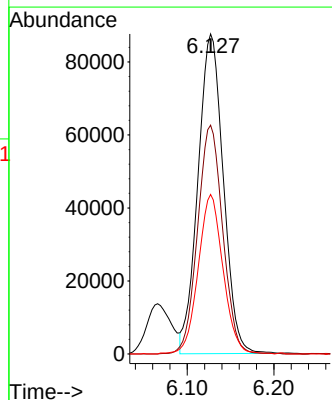
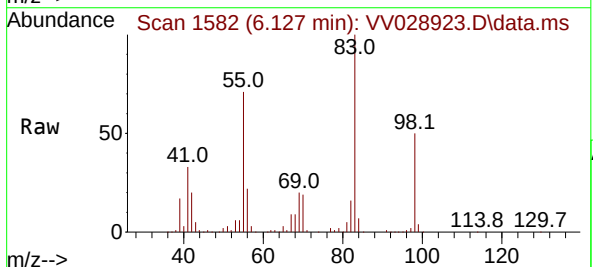
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

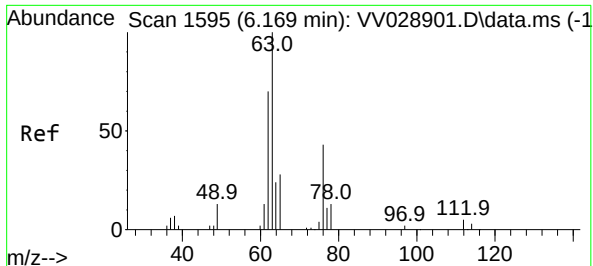
Tgt Ion: 95 Resp: 147364
Ion Ratio Lower Upper
95 100
97 65.9 45.6 84.8
132 102.1 69.1 128.3
130 105.3 74.9 139.1



#35
Methylcyclohexane
Concen: 4.721 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 83 Resp: 178208
Ion Ratio Lower Upper
83 100
55 71.0 55.8 83.6
98 49.0 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.437 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

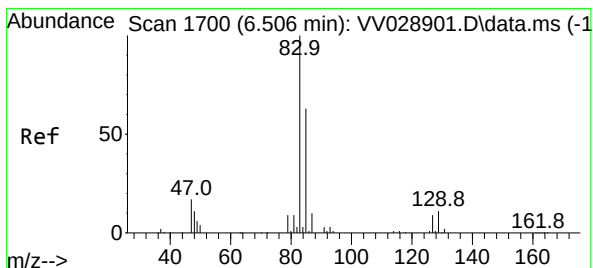
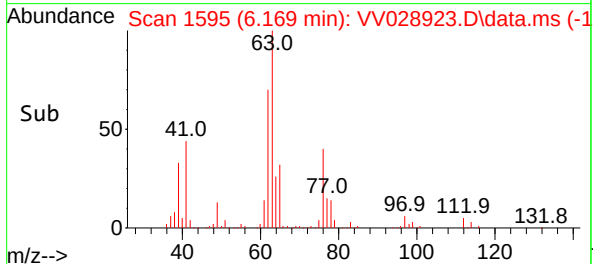
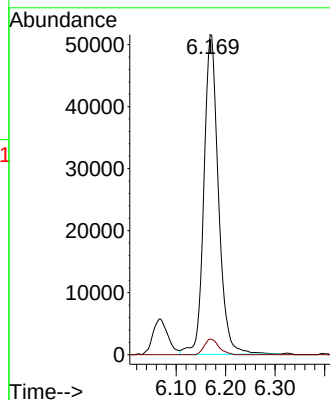
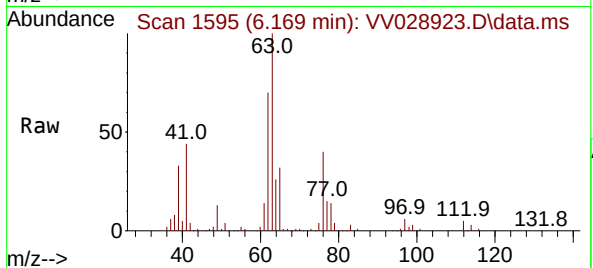
GBMX4MSD

Tgt Ion: 63 Resp: 105180

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 5.126 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

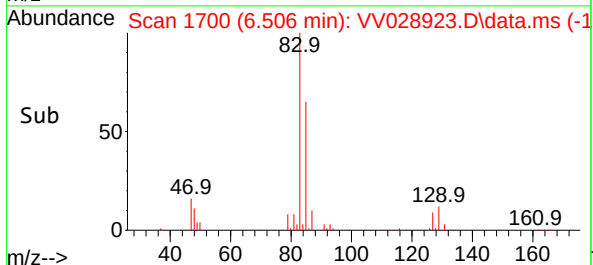
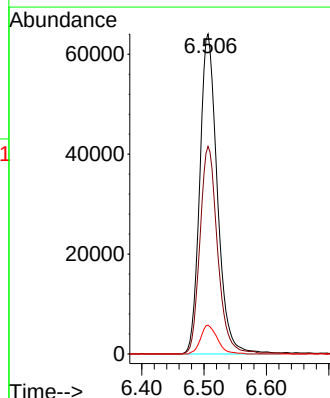
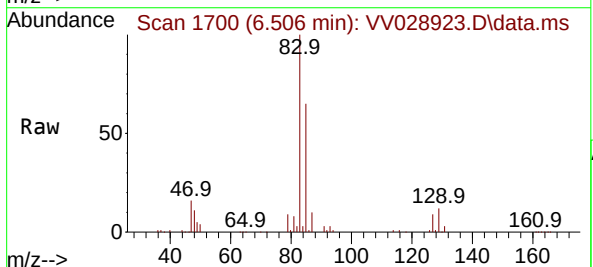
Tgt Ion: 83 Resp: 125583

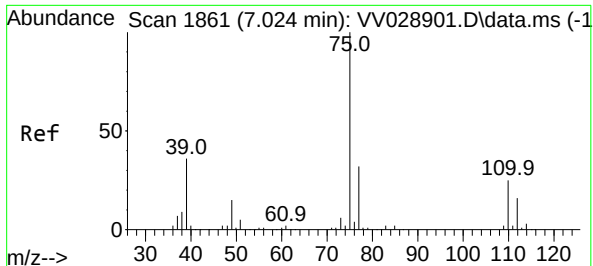
Ion Ratio Lower Upper

83 100

85 64.9 46.1 85.5

127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.012 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

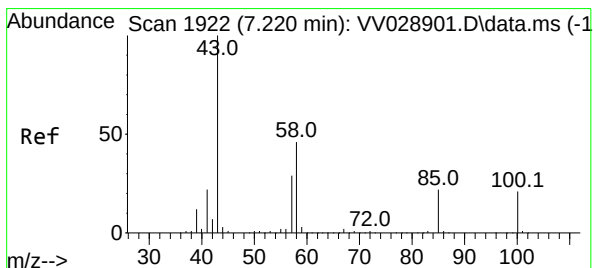
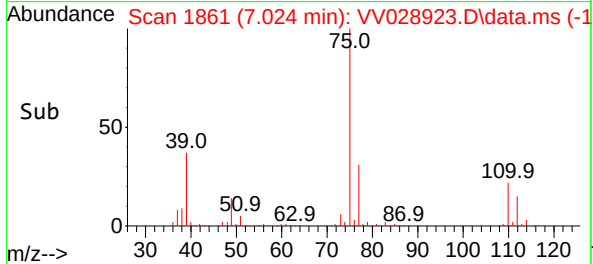
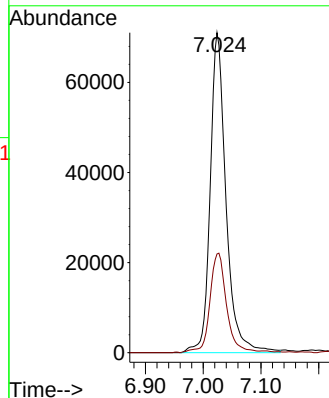
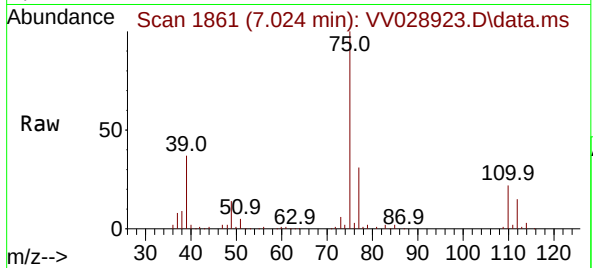
GBMX4MSD

Tgt Ion: 75 Resp: 135372

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 61.168 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

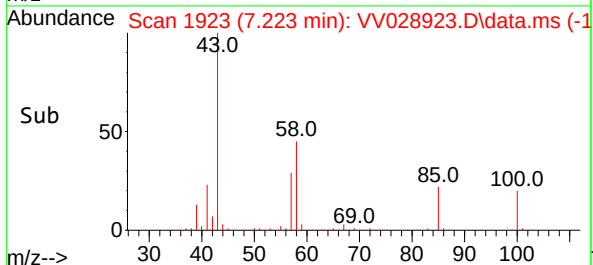
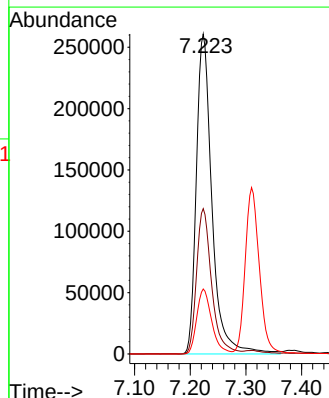
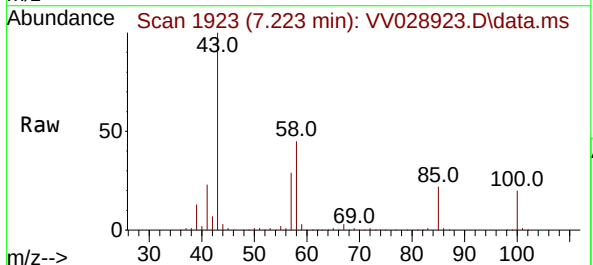
Tgt Ion: 43 Resp: 509108

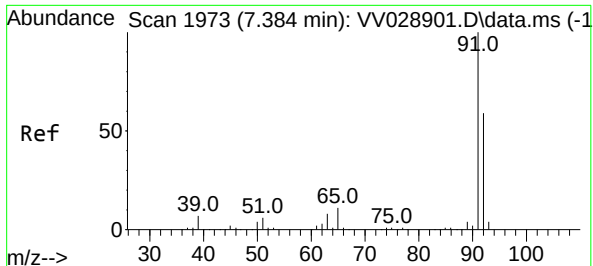
Ion Ratio Lower Upper

43 100

58 43.8 36.6 55.0

100 19.4 14.5 21.7

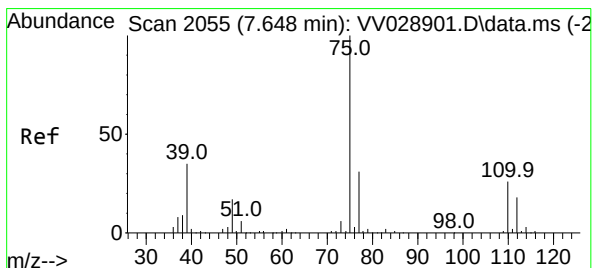
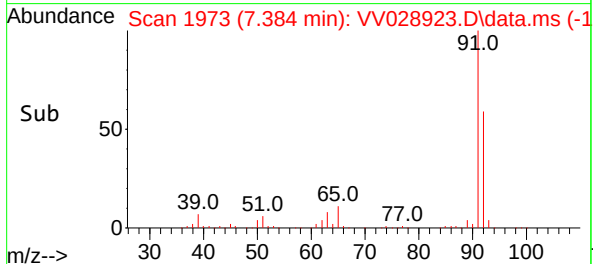
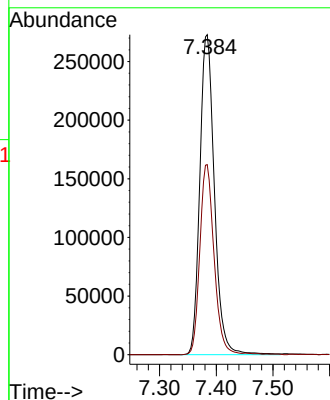
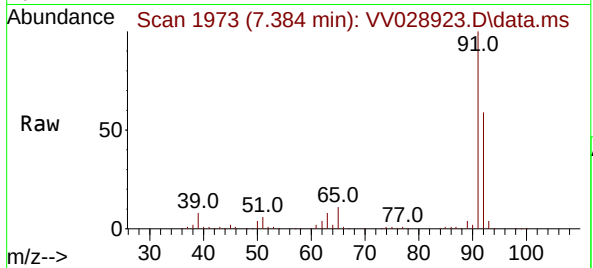




#42
Toluene
Concen: 5.387 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

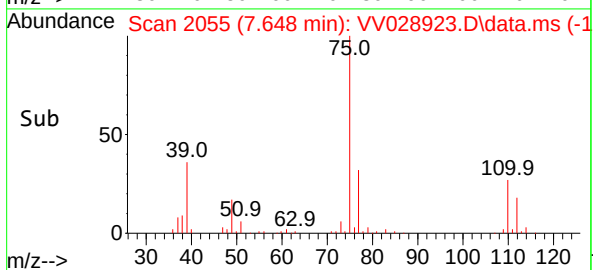
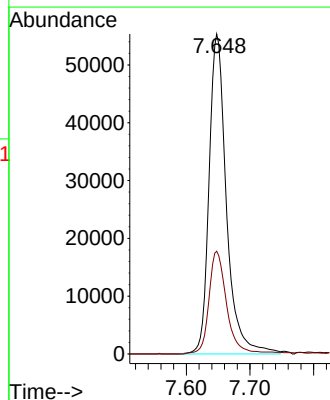
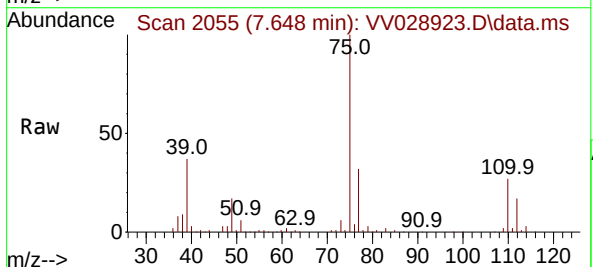
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

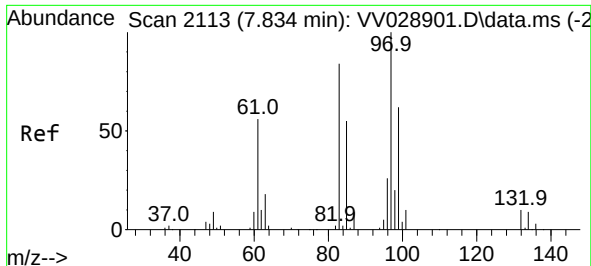
Tgt Ion: 91 Resp: 488179
Ion Ratio Lower Upper
91 100
92 59.4 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.004 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 75 Resp: 104922
Ion Ratio Lower Upper
75 100
77 32.1 22.2 41.2

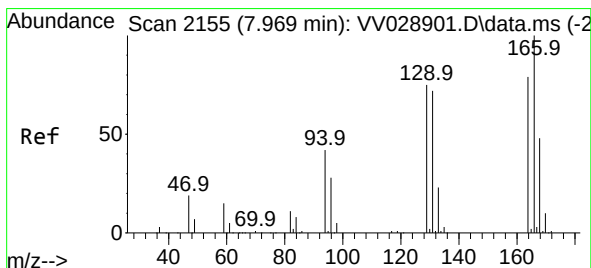
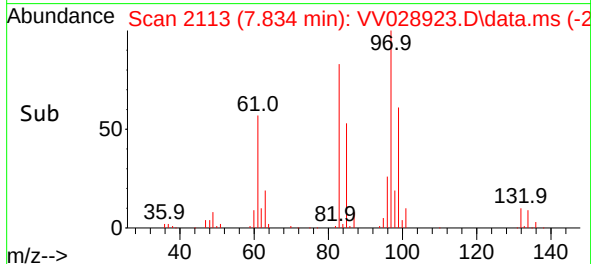
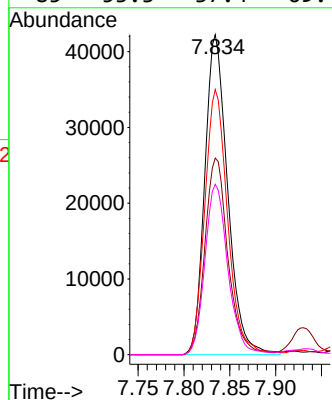
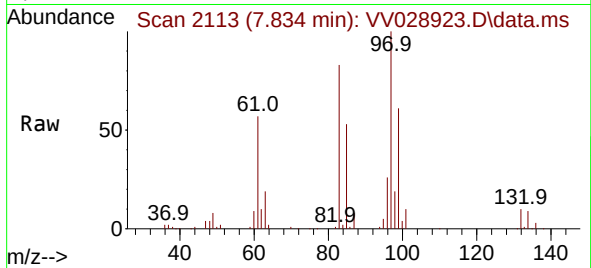




#45
 1,1,2-Trichloroethane
 Concen: 5.794 ug/L
 RT: 7.834 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

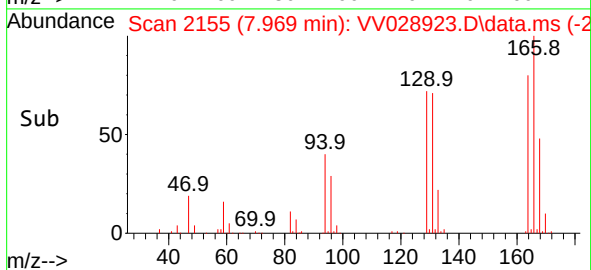
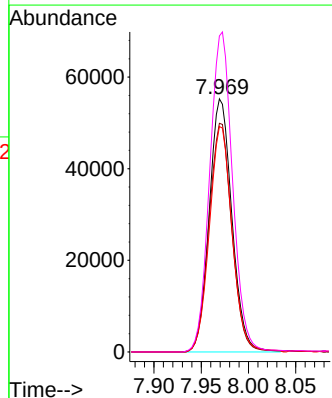
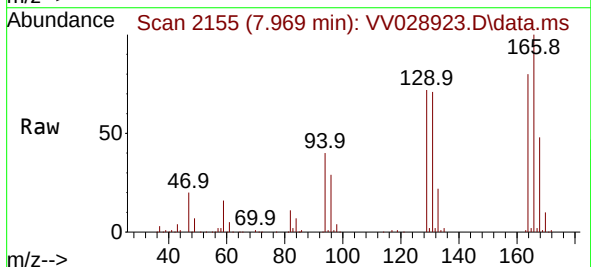
Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4MSD

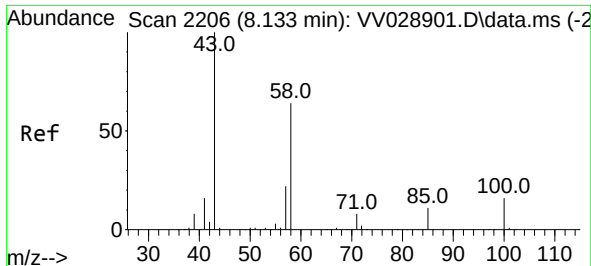
Tgt Ion:	97	Resp:	73374
Ion	Ratio	Lower	Upper
97	100		
99	61.4	41.5	77.1
83	82.8	60.0	111.4
85	53.3	37.4	69.4



#47
 Tetrachloroethene
 Concen: 5.374 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: VV028923.D
 Acq: 12 Nov 2022 11:11

Tgt Ion:	164	Resp:	92415
Ion	Ratio	Lower	Upper
164	100		
129	90.3	63.9	118.7
131	89.1	61.8	114.8
166	124.9	90.2	167.4

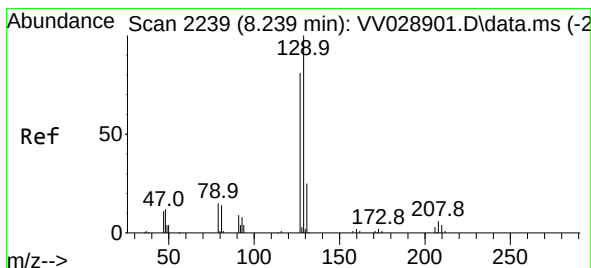
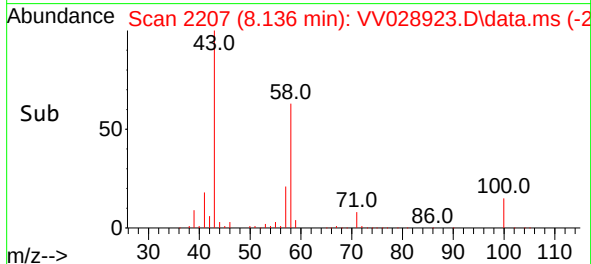
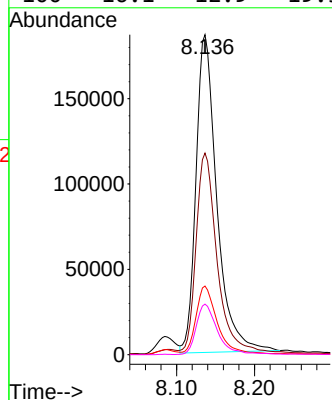
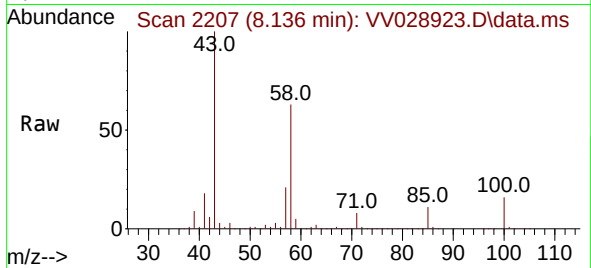




#48
2-Hexanone
Concen: 59.496 ug/L
RT: 8.136 min Scan# 2206
Delta R.T. 0.003 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

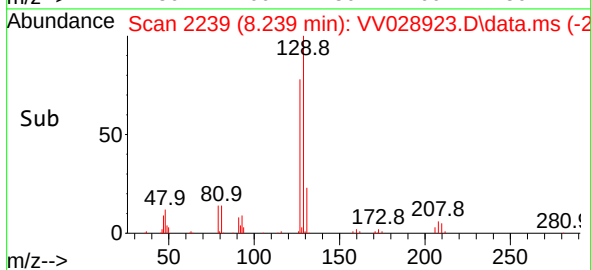
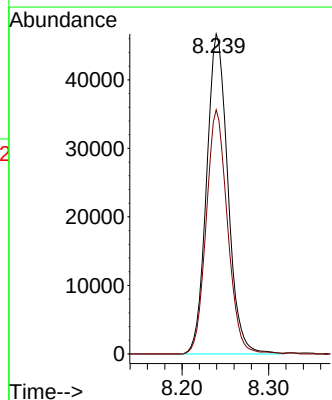
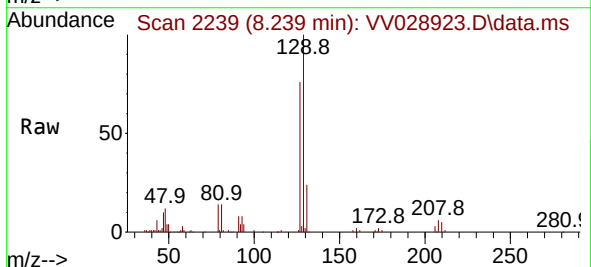
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

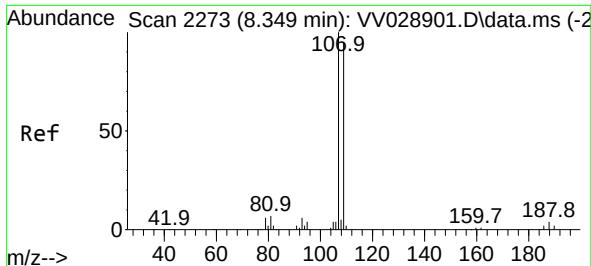
Tgt Ion: 43	Resp: 346875
Ion Ratio	Lower Upper
43 100	
58 64.8	50.2 75.4
57 21.3	17.8 26.8
100 16.1	12.9 19.3



#49
Dibromochloromethane
Concen: 5.203 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion:129	Resp: 79655		
Ion Ratio	Lower	Upper	
129 100			
127 76.3	54.5	101.1	





#50

1,2-Dibromoethane

Concen: 5.726 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MSD

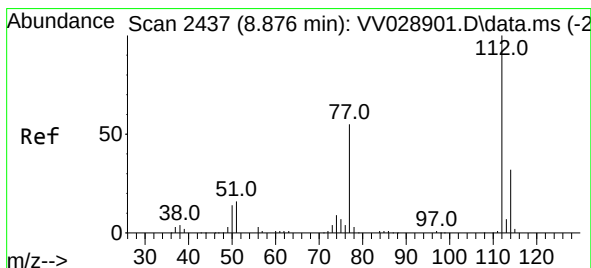
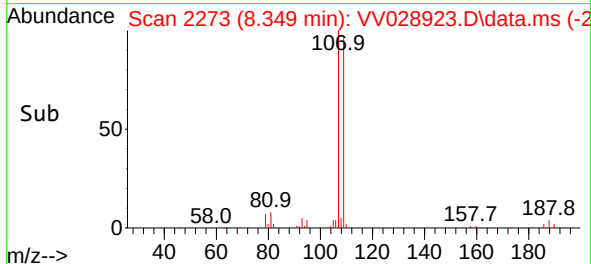
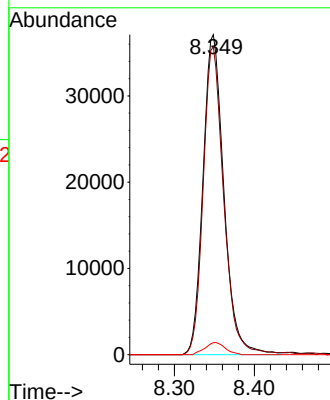
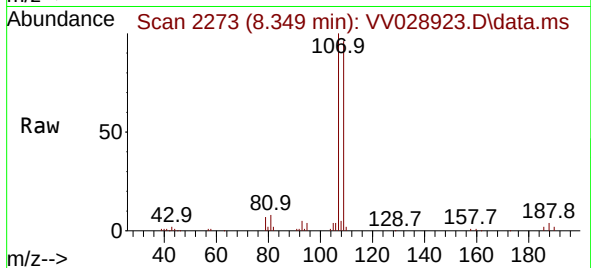
Tgt Ion:107 Resp: 67362

Ion Ratio Lower Upper

107 100

109 96.2 64.4 119.6

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 5.564 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

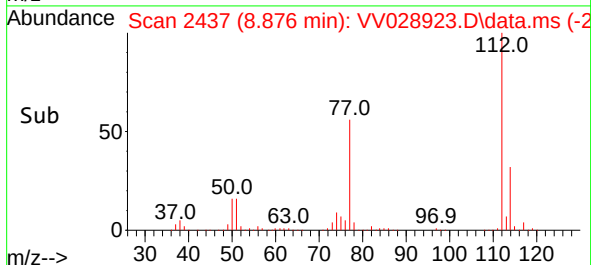
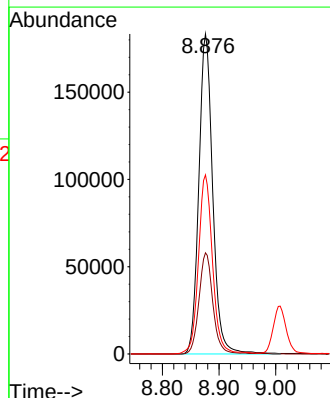
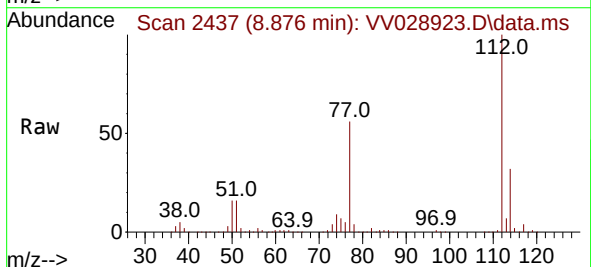
Tgt Ion:112 Resp: 311759

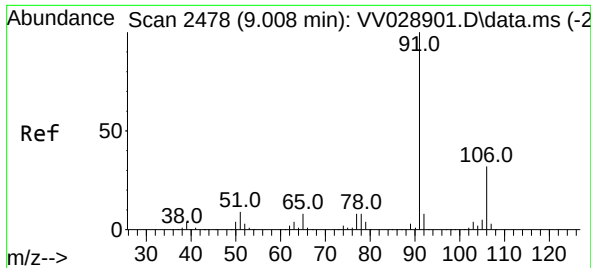
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 55.9 44.4 66.6

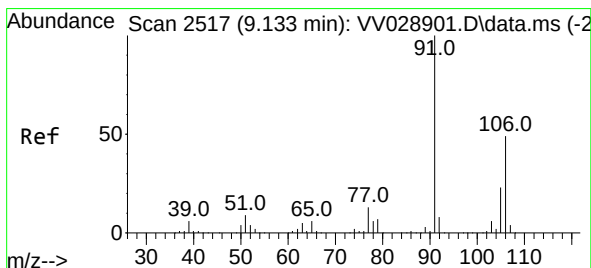
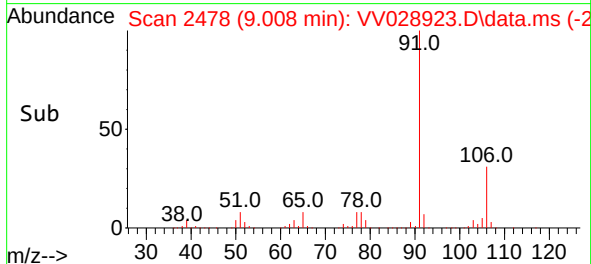
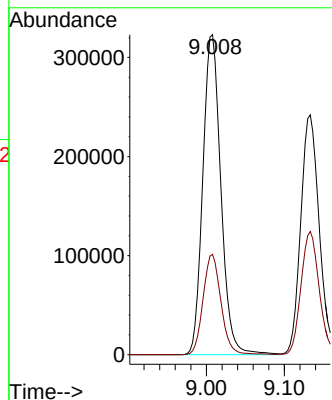
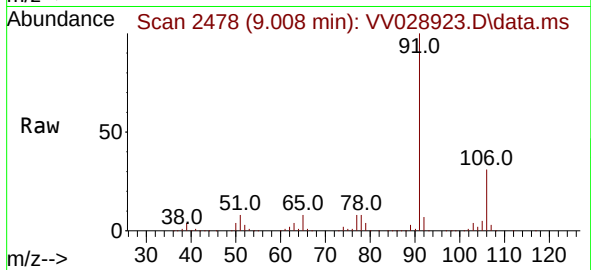




#52
Ethylbenzene
Concen: 5.523 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

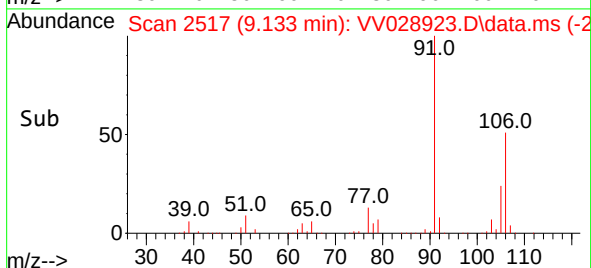
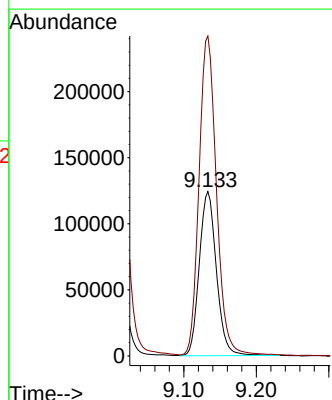
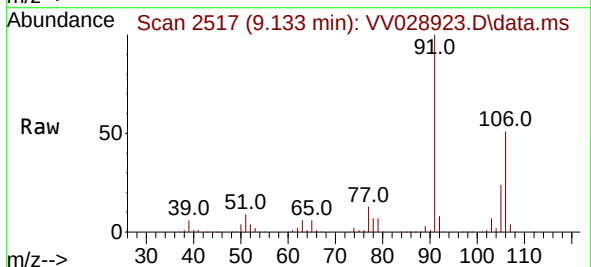
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

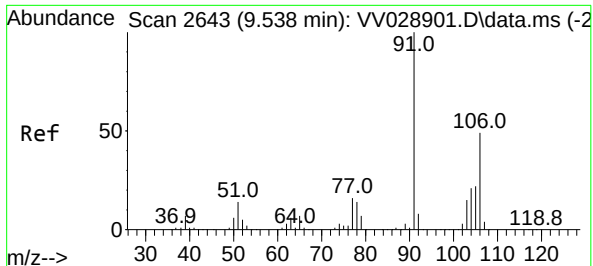
Tgt Ion: 91 Resp: 521065
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.2



#53
m,p-Xylene
Concen: 5.424 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 106 Resp: 203519
Ion Ratio Lower Upper
106 100
91 194.5 139.1 258.3

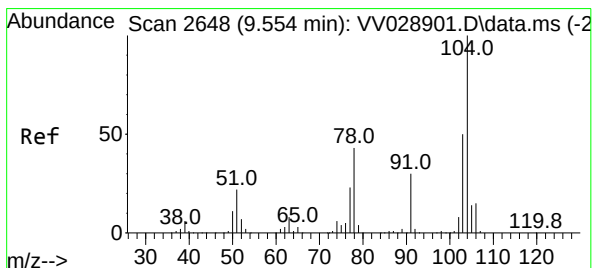
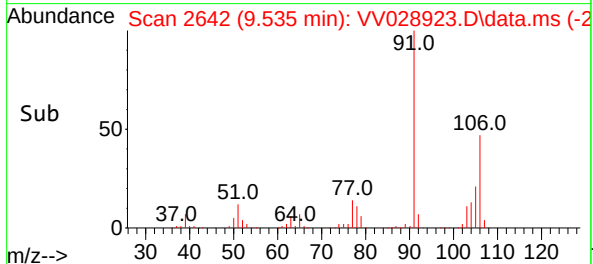
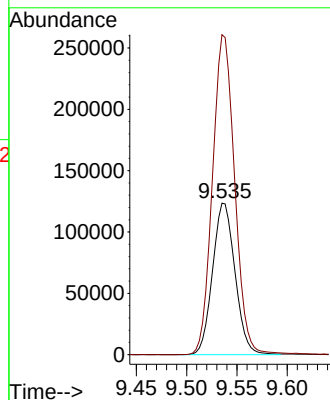
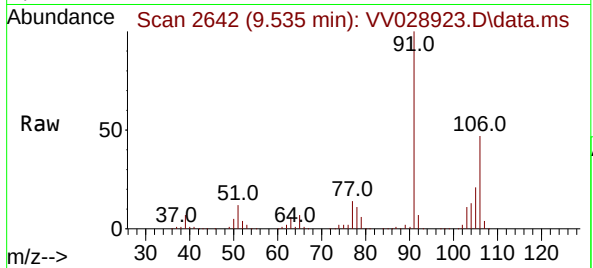




#54
o-Xylene
Concen: 5.383 ug/L
RT: 9.535 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

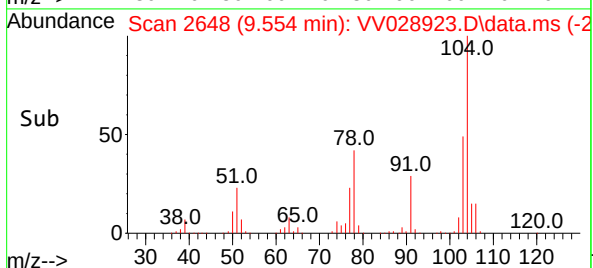
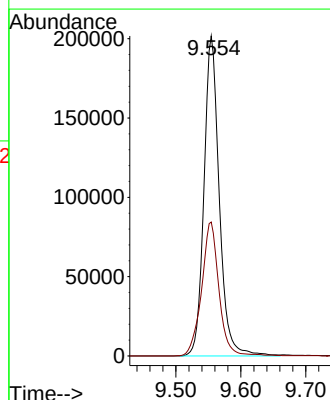
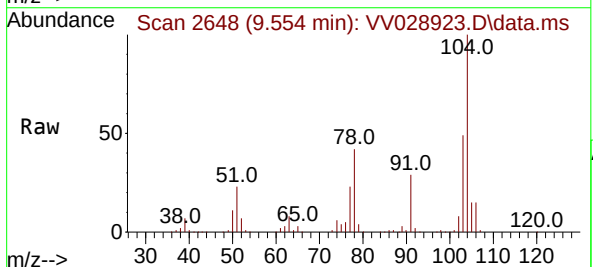
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

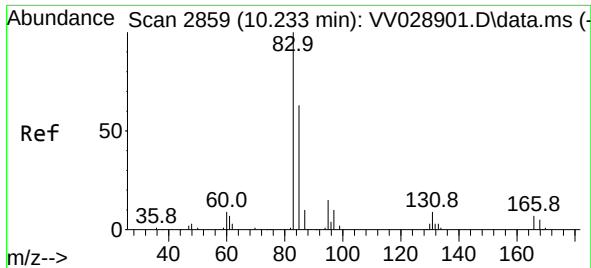
Tgt Ion:106 Resp: 192008
Ion Ratio Lower Upper
106 100
91 211.2 145.7 270.7



#55
Styrene
Concen: 5.538 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion:104 Resp: 331337
Ion Ratio Lower Upper
104 100
78 41.8 30.1 55.9

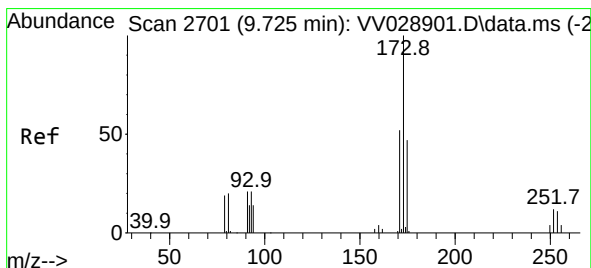
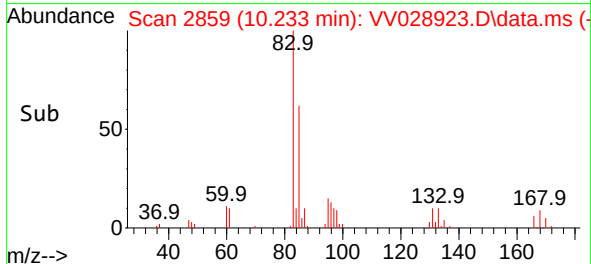
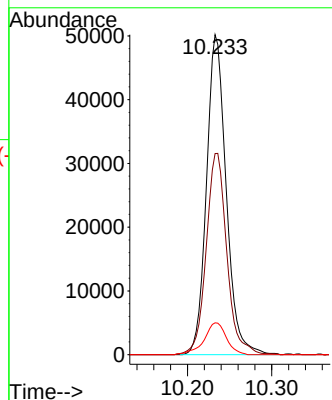
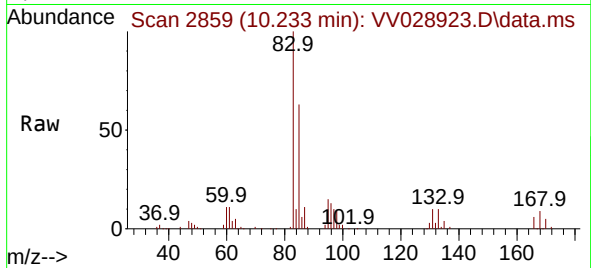




#57
1,1,2,2-Tetrachloroethane
Concen: 5.544 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

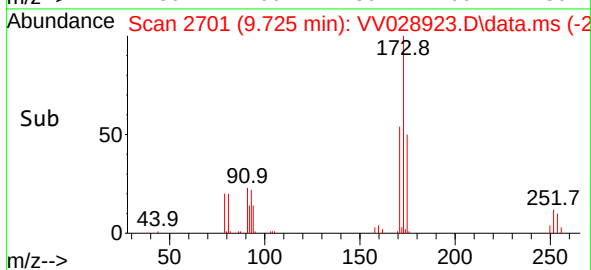
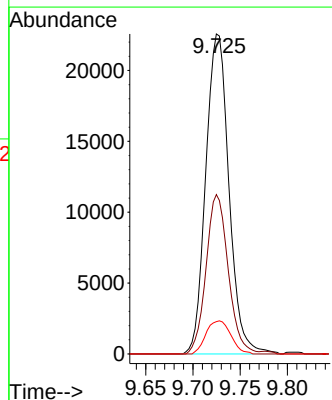
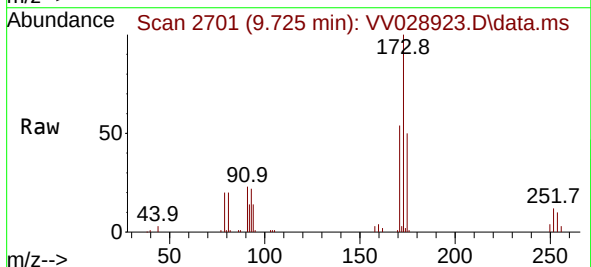
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

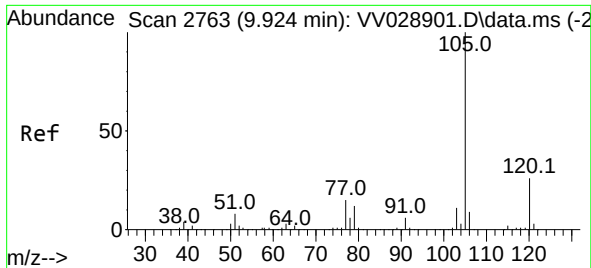
Tgt Ion: 83 Resp: 81834
Ion Ratio Lower Upper
83 100
85 62.8 45.2 84.0
131 10.0 7.5 11.3



#59
Bromoform
Concen: 5.064 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 173 Resp: 38541
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.4
254 11.1 8.5 12.7

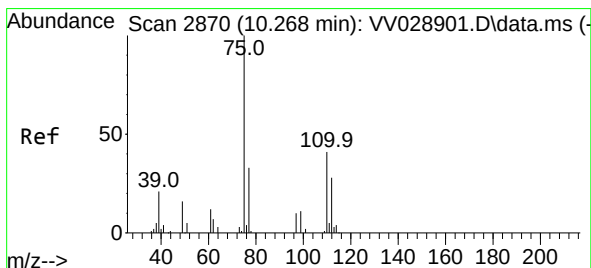
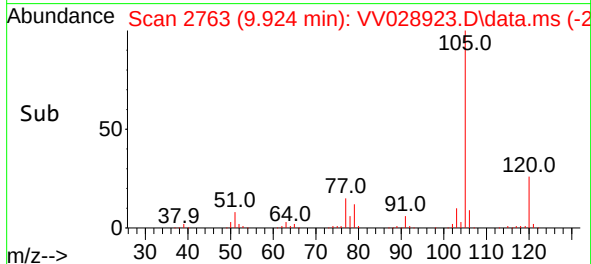
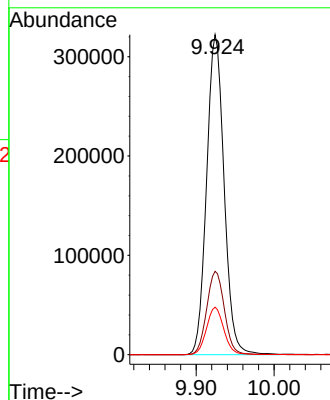
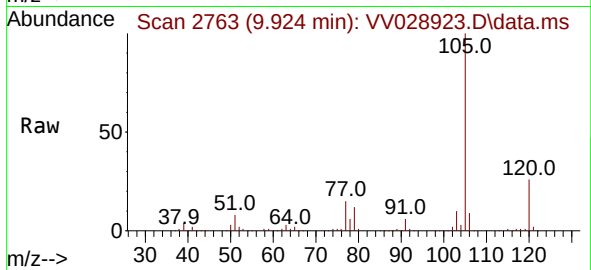




#60
Isopropylbenzene
Concen: 5.534 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

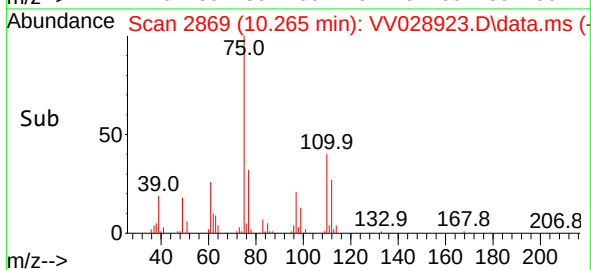
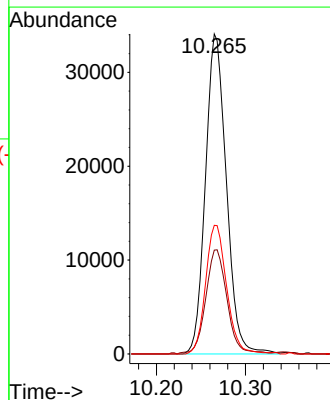
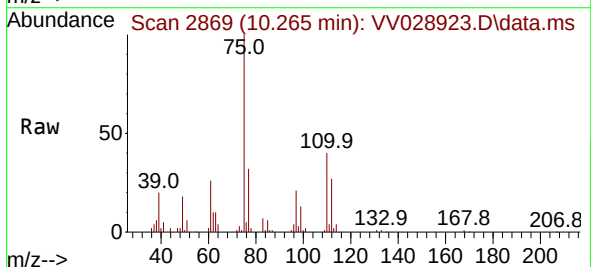
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

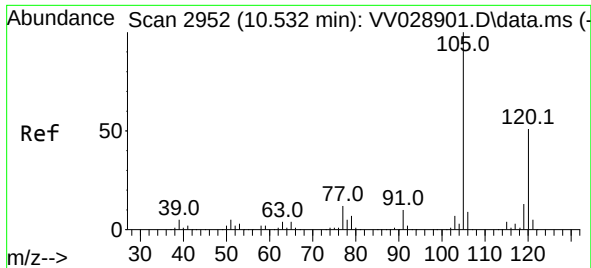
Tgt Ion:105 Resp: 501390
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.825 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 75 Resp: 55571
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 40.4 32.6 48.8

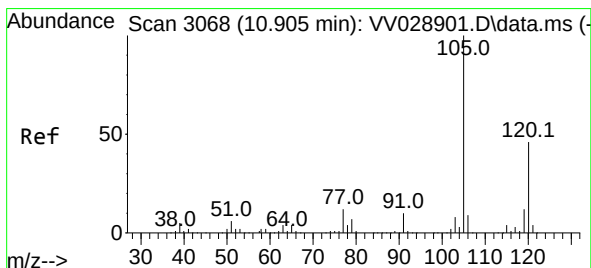
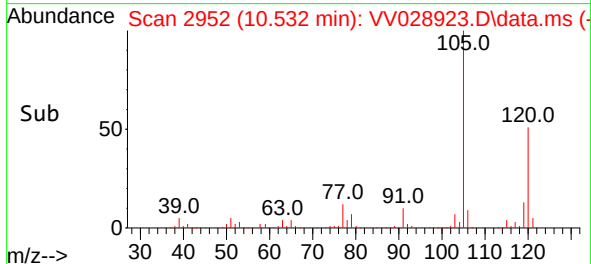
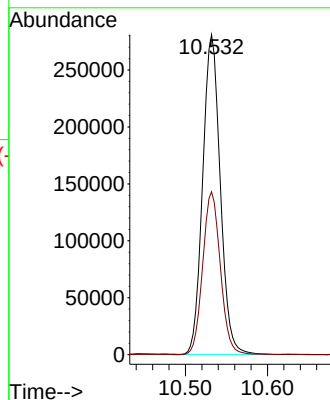
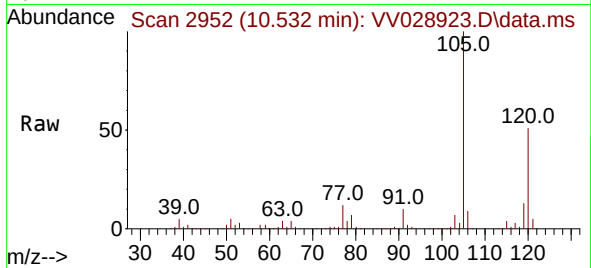




#62
1,3,5-Trimethylbenzene
Concen: 5.452 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

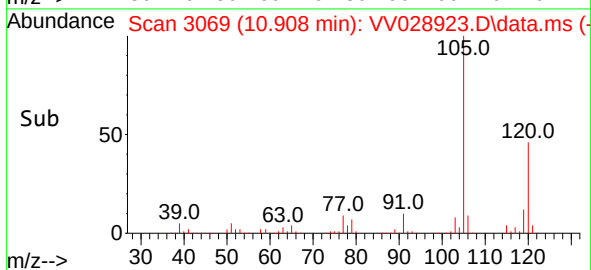
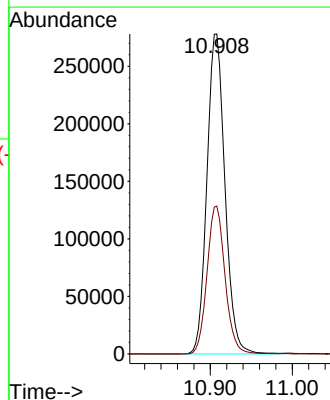
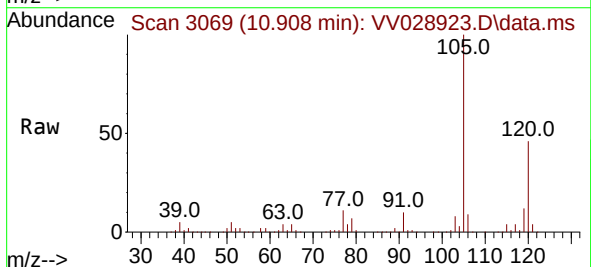
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

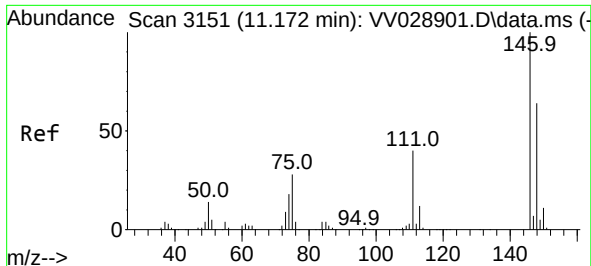
Tgt Ion:105 Resp: 418518
Ion Ratio Lower Upper
105 100
120 51.2 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 5.514 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion:105 Resp: 423945
Ion Ratio Lower Upper
105 100
120 46.3 37.8 56.8

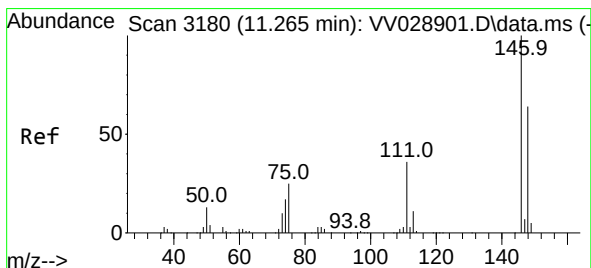
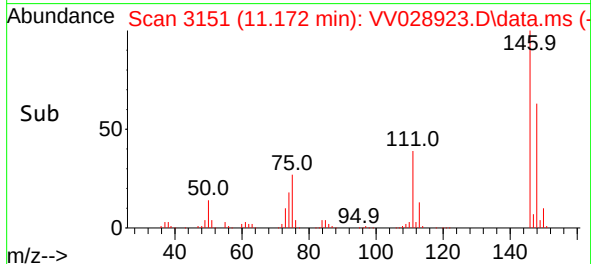
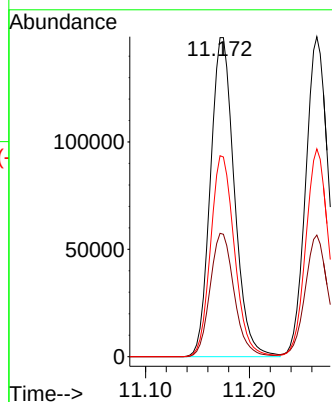
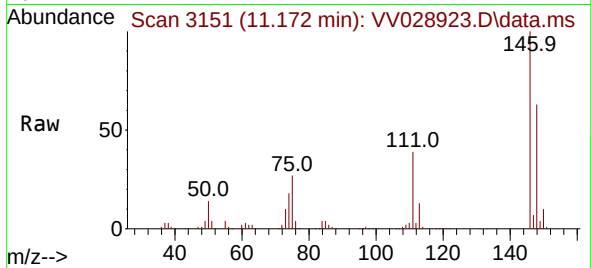




#64
1,3-Dichlorobenzene
Concen: 5.589 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

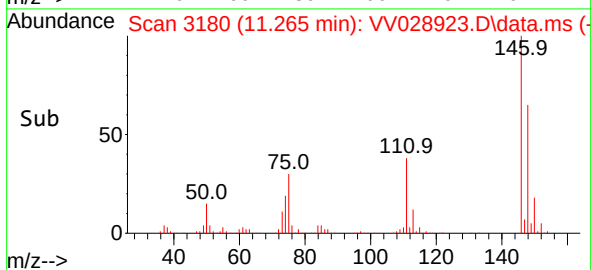
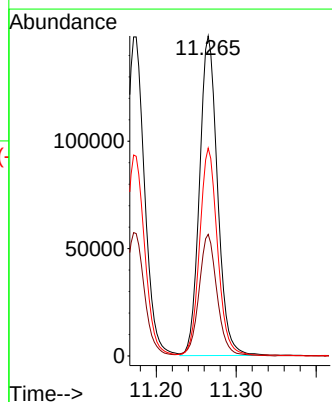
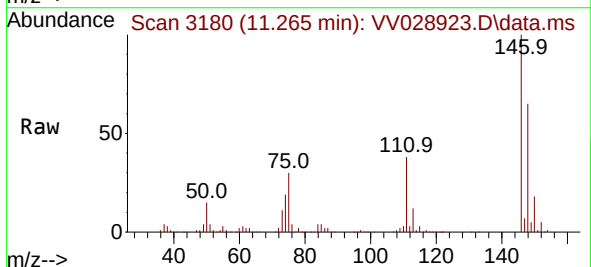
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

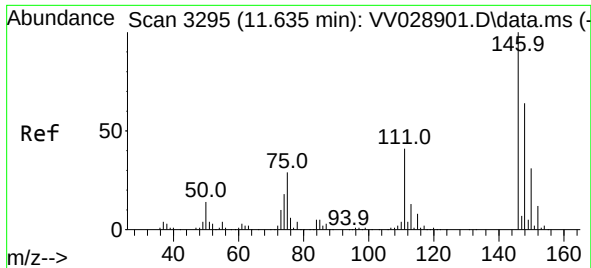
Tgt Ion:146 Resp: 237934
Ion Ratio Lower Upper
146 100
111 38.6 26.9 50.1
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.455 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion:146 Resp: 233480
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 65.0 44.5 82.7

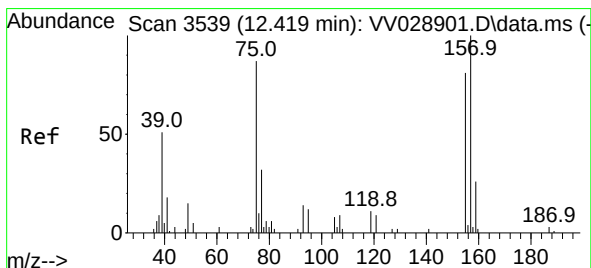
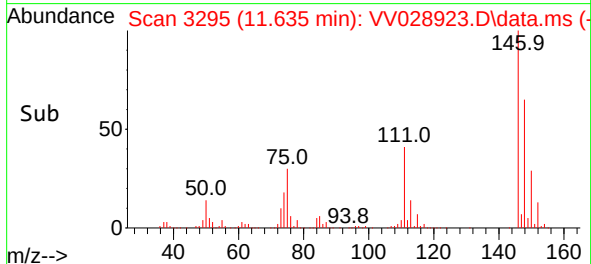
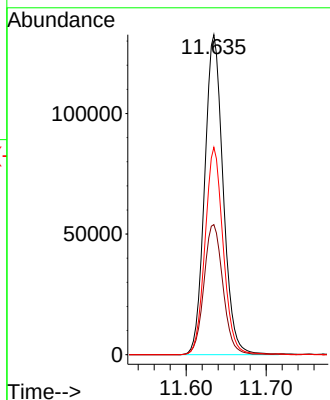
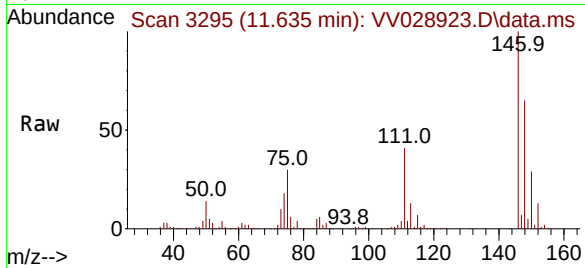




#67
1,2-Dichlorobenzene
Concen: 5.582 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

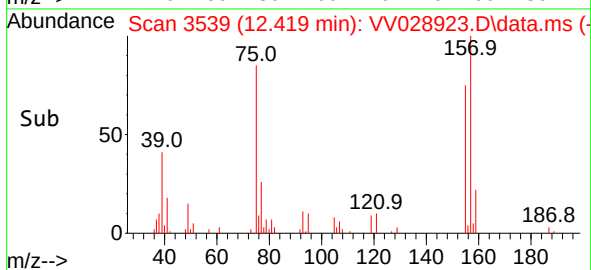
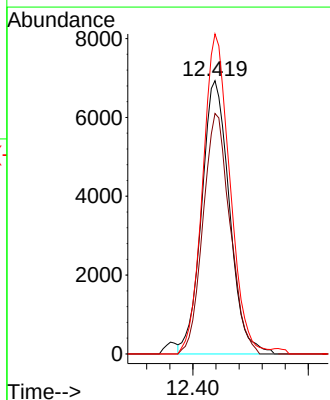
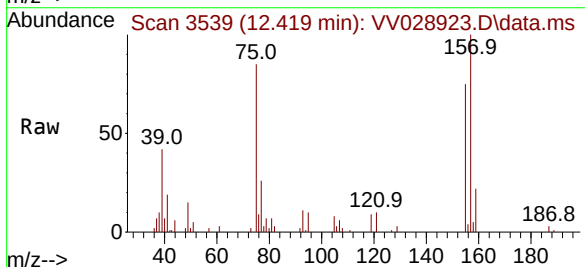
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MSD

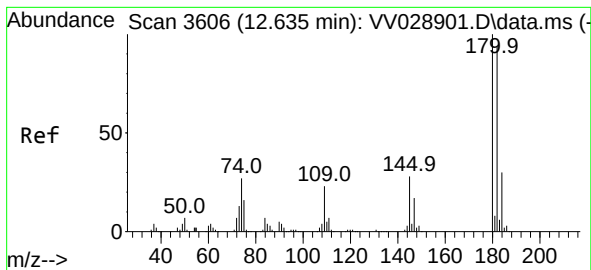
Tgt Ion:146 Resp: 213532
Ion Ratio Lower Upper
146 100
111 40.6 32.4 48.6
148 64.8 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 6.177 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV028923.D
Acq: 12 Nov 2022 11:11

Tgt Ion: 75 Resp: 11594
Ion Ratio Lower Upper
75 100
155 88.0 64.8 97.2
157 117.1 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 5.352 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MSD

Tgt Ion:180 Resp: 175790

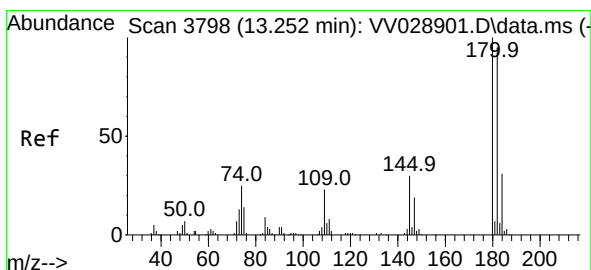
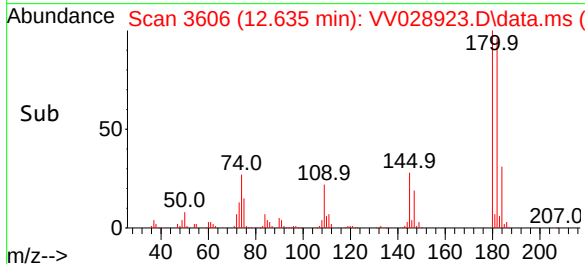
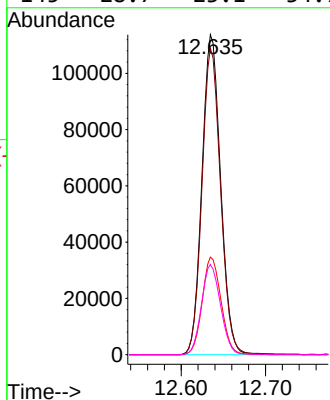
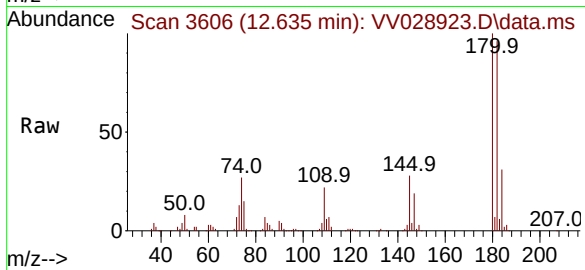
Ion Ratio Lower Upper

180 100

182 95.3 76.7 115.1

184 30.8 24.0 36.0

145 28.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.673 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

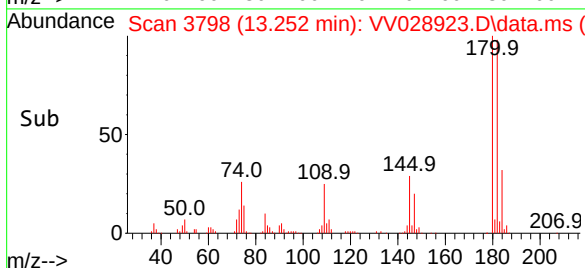
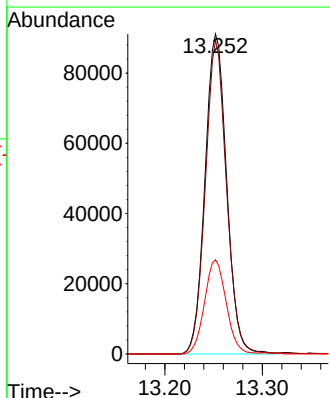
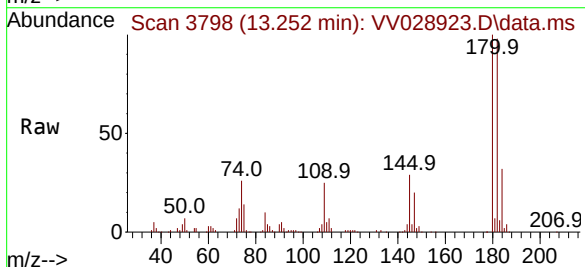
Tgt Ion:180 Resp: 140946

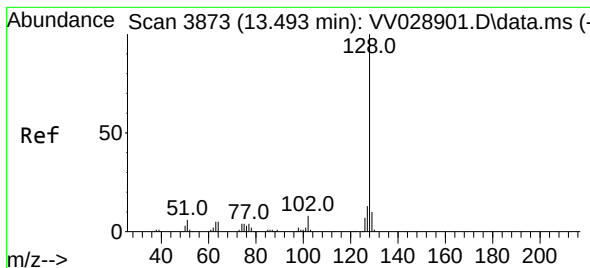
Ion Ratio Lower Upper

180 100

182 95.7 74.3 111.5

145 29.4 23.7 35.5





#71

Naphthalene

Concen: 6.546 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MSD

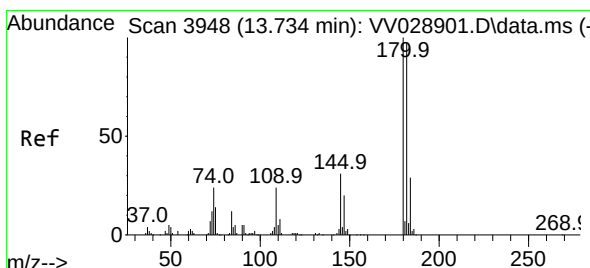
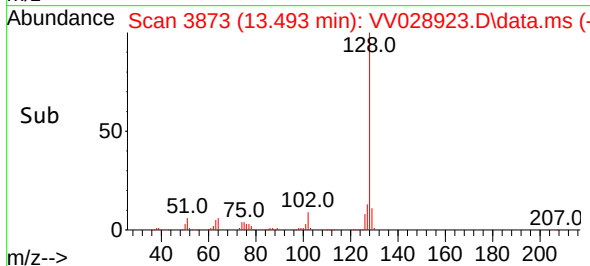
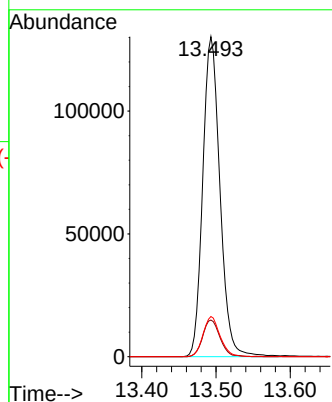
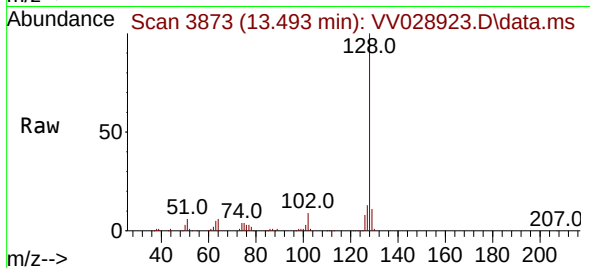
Tgt Ion:128 Resp: 209833

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 12.4 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 6.013 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.003 min

Lab File: VV028923.D

Acq: 12 Nov 2022 11:11

Tgt Ion:180 Resp: 126524

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.2

145 30.6 24.9 37.3

