

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028922.D
 Acq On : 12 Nov 2022 10:46
 Operator : SY/MD
 Sample : N5590-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4MS

Quant Time: Nov 14 00:27:13 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	321729	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	290504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	151164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82967	4.230	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.564	69	79713	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.108	63	165268	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.895	46	206390	62.860	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.720%
24) Chloroform-d	4.342	84	197676	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.030	65	86139	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.046	84	398381	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.066	67	116152	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.310	98	363677	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.619	79	33998	4.305	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.085	63	198145	58.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.560%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81741	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	129499	4.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	126698	4.724	ug/L	98
3) Chloromethane	1.240	50	115105	5.171	ug/L	99
5) Vinyl chloride	1.310	62	141998	5.593	ug/L #	82
6) Bromomethane	1.519	94	74435	4.905	ug/L	97
8) Chloroethane	1.584	64	101931	6.832	ug/L	87
9) Trichlorofluoromethane	1.751	101	171010	4.995	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92381	4.766	ug/L	97
12) 1,1-Dichloroethene	2.117	96	100718	5.171	ug/L	92
13) Acetone	2.188	43	398670	188.759	ug/L	86
14) Carbon disulfide	2.291	76	328834	4.754	ug/L	100
15) Methyl Acetate	2.439	43	17935	3.499	ug/L #	81
16) Methylene chloride	2.503	84	217682	8.644	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	229300	5.491	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	119882	5.307	ug/L	97
19) 1,1-Dichloroethane	3.185	63	192407	5.210	ug/L	98
21) 2-Butanone	3.982	43	175239	53.591	ug/L	76
22) cis-1,2-Dichloroethene	3.905	96	340087	14.809	ug/L	99
23) Bromochloromethane	4.246	128	49838	5.131	ug/L	93
25) Chloroform	4.371	83	197309	5.097	ug/L	100

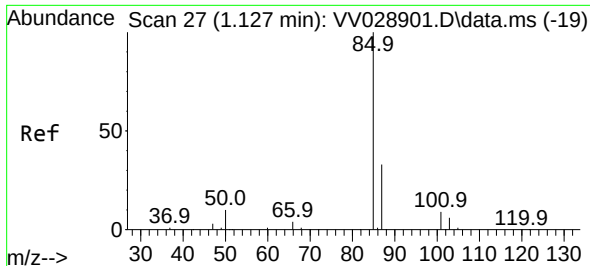
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105358	5.284	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	171707	5.037	ug/L	96
30) Cyclohexane	4.673	56	173608	5.011	ug/L	99
31) Carbon tetrachloride	4.825	117	137130	4.671	ug/L	100
33) Benzene	5.095	78	457111	5.149	ug/L	100
34) Trichloroethene	5.911	95	146911	6.464	ug/L	97
35) Methylcyclohexane	6.127	83	183379	4.591	ug/L	98
37) 1,2-Dichloropropane	6.169	63	105261	5.142	ug/L	100
38) Bromodichloromethane	6.506	83	126776	4.890	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	133021	4.654	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	512472	58.185	ug/L	98
42) Toluene	7.384	91	487117	5.079	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	104182	4.696	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	72696	5.425	ug/L	98
47) Tetrachloroethene	7.969	164	93637	5.146	ug/L	98
48) 2-Hexanone	8.136	43	351113	56.910	ug/L	99
49) Dibromochloromethane	8.239	129	79533	4.909	ug/L	99
50) 1,2-Dibromoethane	8.349	107	69416	5.576	ug/L	100
51) Chlorobenzene	8.876	112	309212	5.215	ug/L	99
52) Ethylbenzene	9.005	91	521059	5.219	ug/L	99
53) m,p-Xylene	9.133	106	202473	5.099	ug/L	99
54) o-Xylene	9.538	106	191807	5.081	ug/L	99
55) Styrene	9.554	104	326106	5.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	82857	5.305	ug/L	98
59) Bromoform	9.725	173	37701	4.575	ug/L	98
60) Isopropylbenzene	9.924	105	505268	5.150	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	55954	5.417	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	429055	5.162	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	431060	5.177	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	235148	5.101	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	234303	5.055	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	214354	5.175	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	11223	5.522	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.635	180	174263	4.899	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	140380	5.218	ug/L	97
71) Naphthalene	13.493	128	202510	5.834	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	124562	5.467	ug/L	98

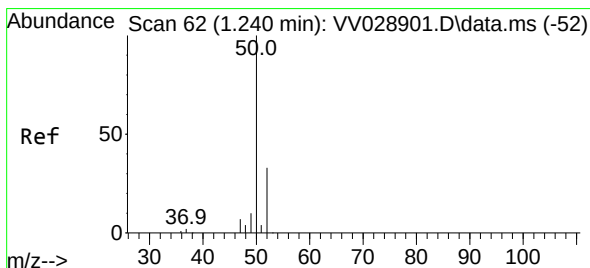
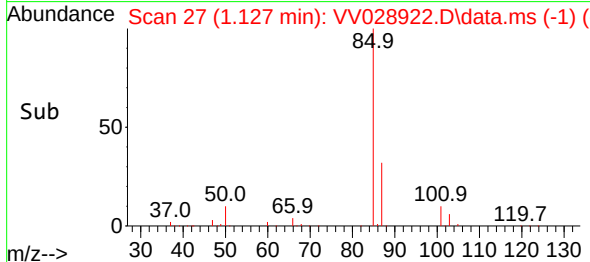
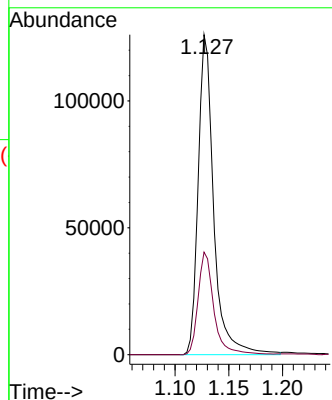
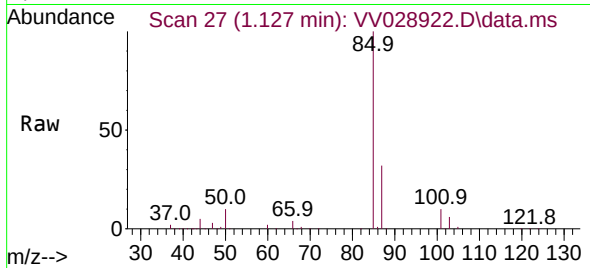
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.724 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

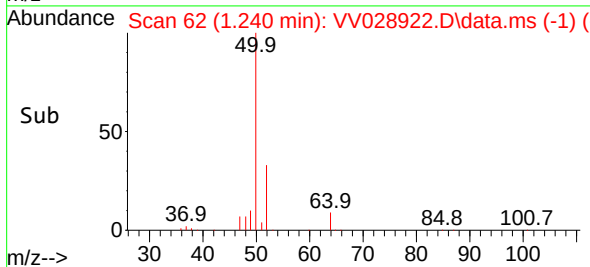
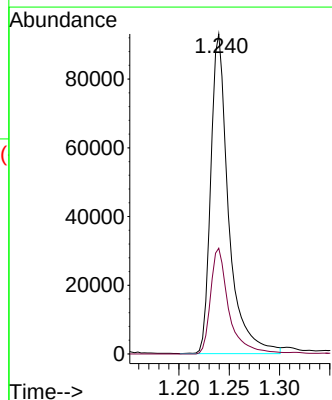
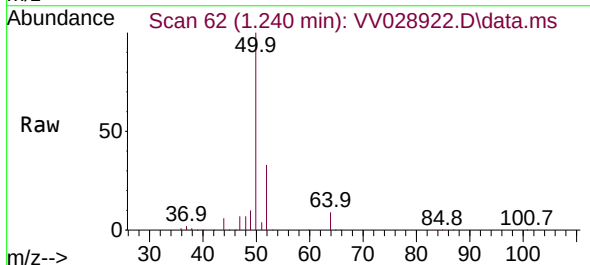
Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4MS

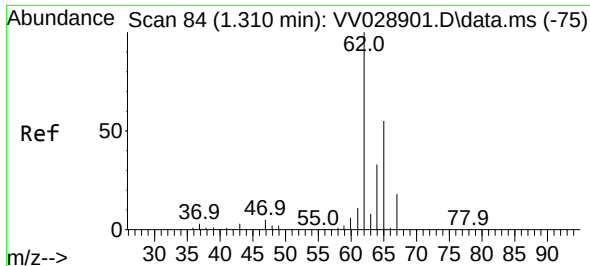
Tgt Ion: 85 Resp: 126698
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.0 37.4



#3
 Chloromethane
 Concen: 5.171 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

Tgt Ion: 50 Resp: 115105
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

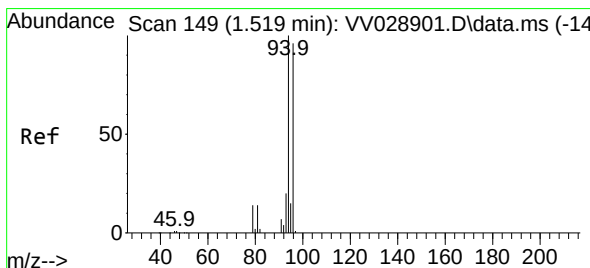
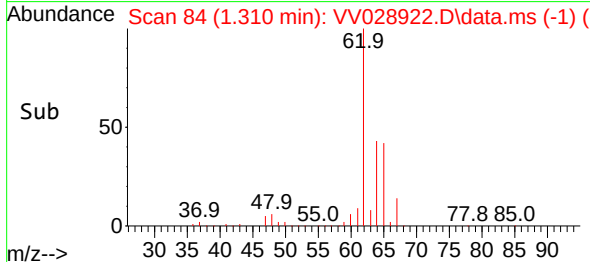
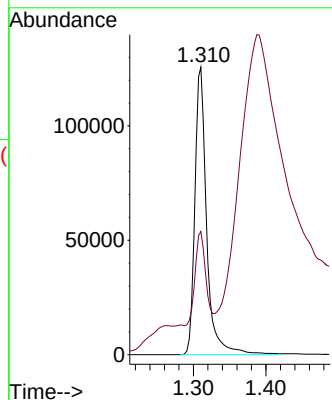
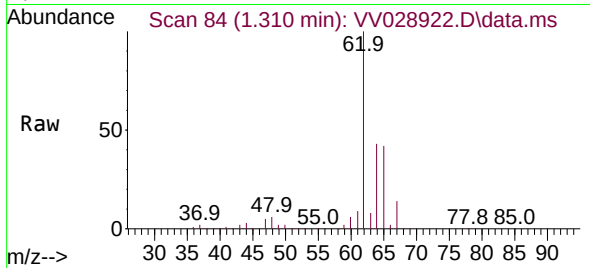




#5
 Vinyl chloride
 Concen: 5.593 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

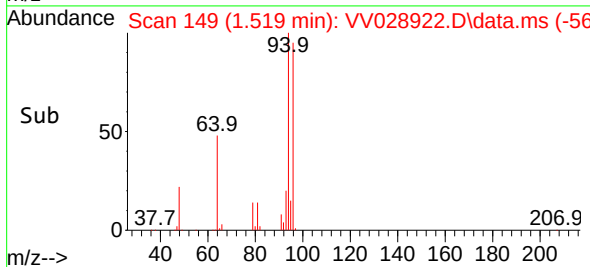
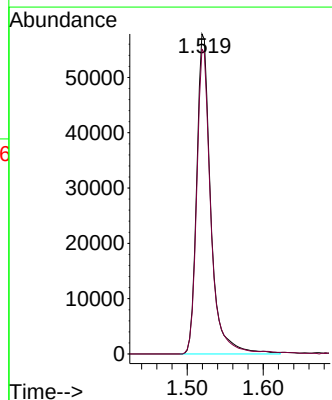
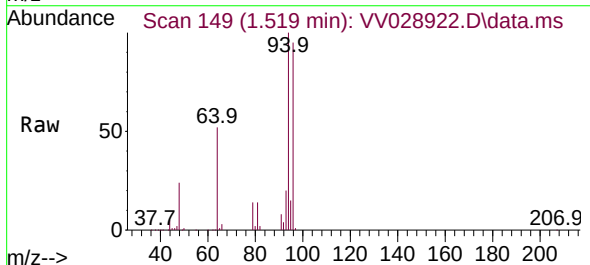
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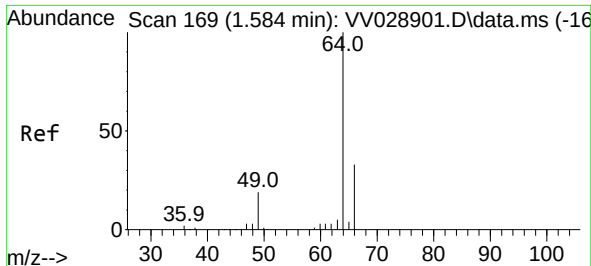
Tgt Ion: 62 Resp: 141998
 Ion Ratio Lower Upper
 62 100
 64 42.9 22.8 42.4#



#6
 Bromomethane
 Concen: 4.905 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

Tgt Ion: 94 Resp: 74435
 Ion Ratio Lower Upper
 94 100
 96 95.2 68.5 127.3

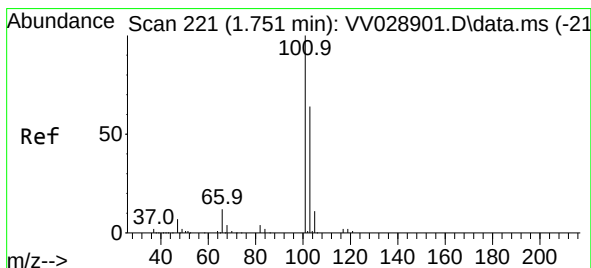
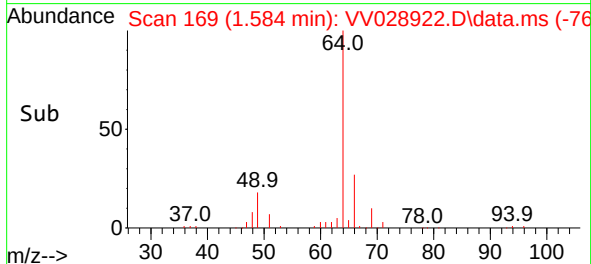
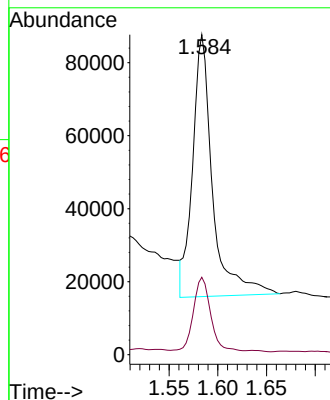
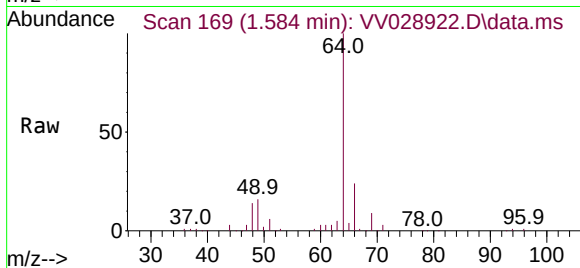




#8
Chloroethane
Concen: 6.832 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

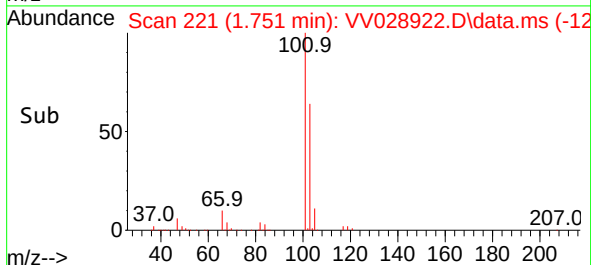
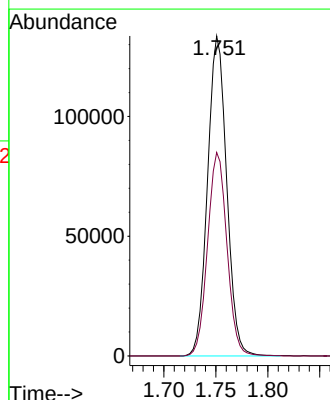
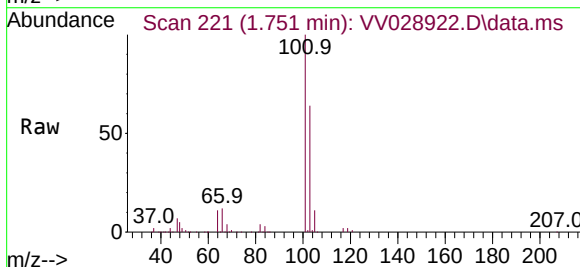
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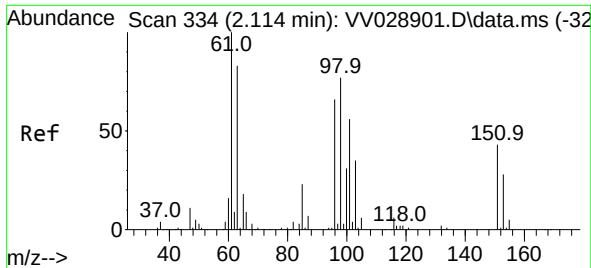
Tgt Ion: 64 Resp: 101931
Ion Ratio Lower Upper
64 100
66 24.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.995 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion:101 Resp: 171010
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

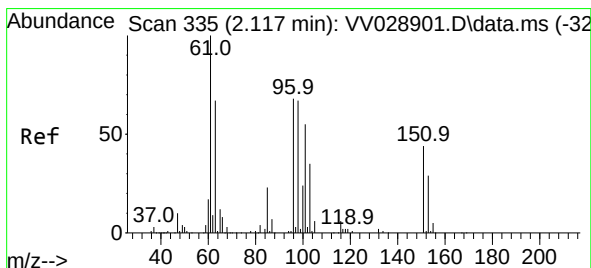
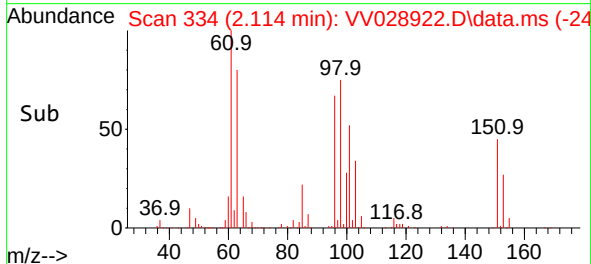
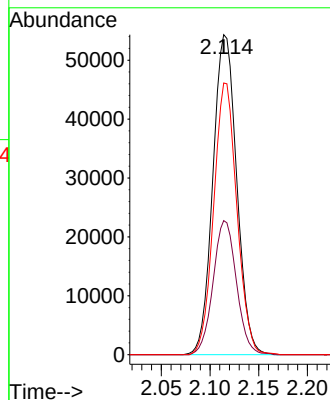
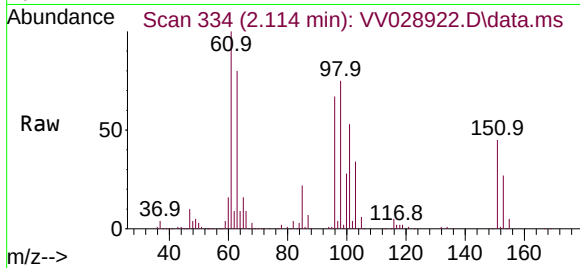




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.766 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

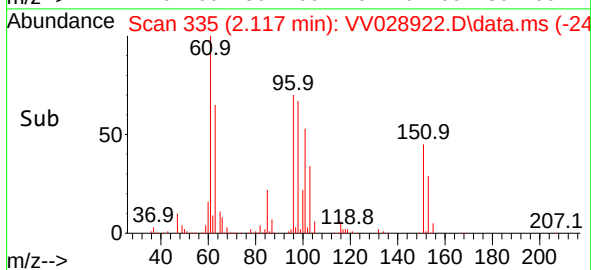
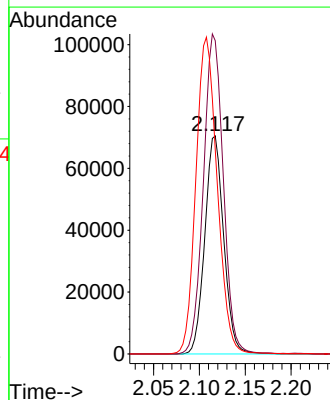
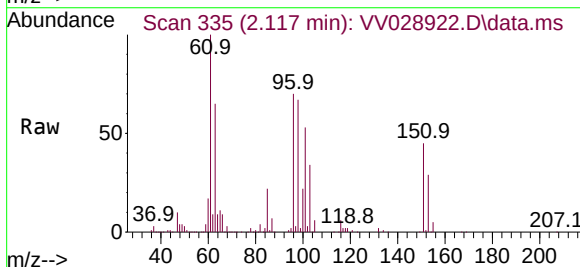
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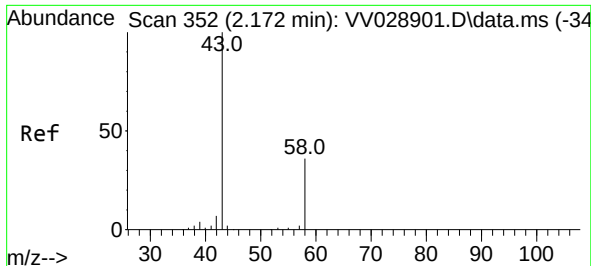
Tgt Ion:	101	Resp:	92381
Ion	Ratio	Lower	Upper
101	100		
85	41.1	32.9	49.3
151	82.6	62.5	93.7



#12
 1,1-Dichloroethene
 Concen: 5.171 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

Tgt Ion:	96	Resp:	100718
Ion	Ratio	Lower	Upper
96	100		
61	143.7	104.2	193.4
63	93.8	75.9	140.9





#13

Acetone

Concen: 188.759 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

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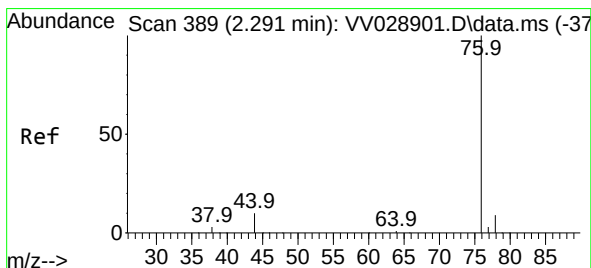
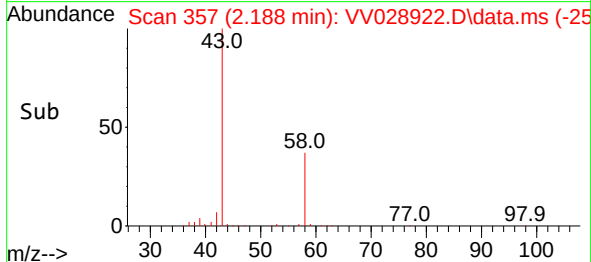
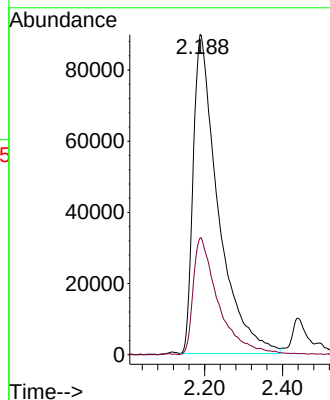
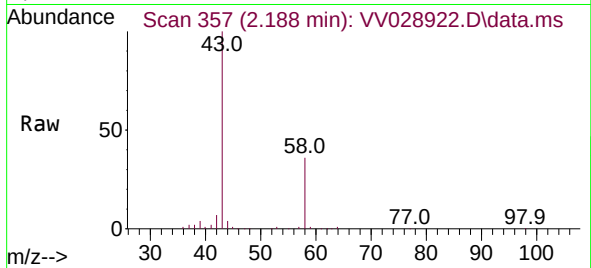
GBMX4MS

Tgt Ion: 43 Resp: 398670

Ion Ratio Lower Upper

43 100

58 36.0 0.0 56.6



#14

Carbon disulfide

Concen: 4.754 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV028922.D

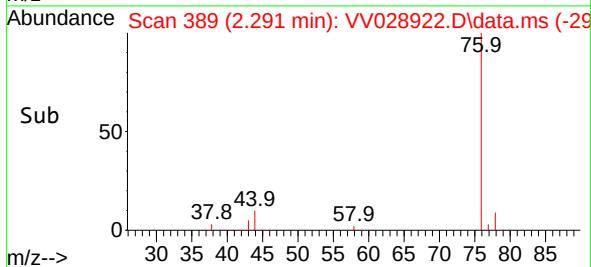
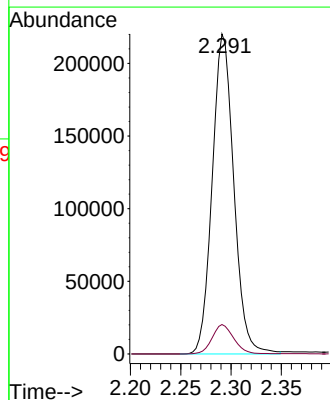
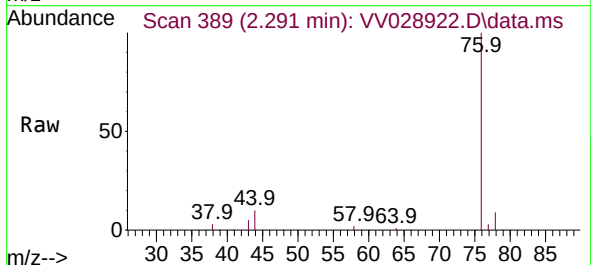
Acq: 12 Nov 2022 10:46

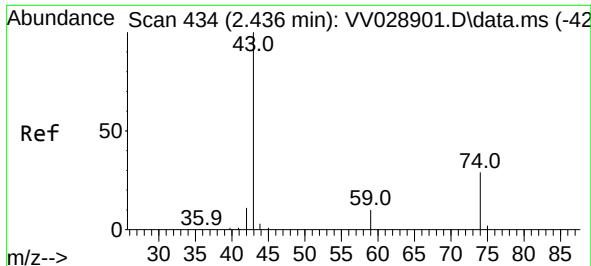
Tgt Ion: 76 Resp: 328834

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

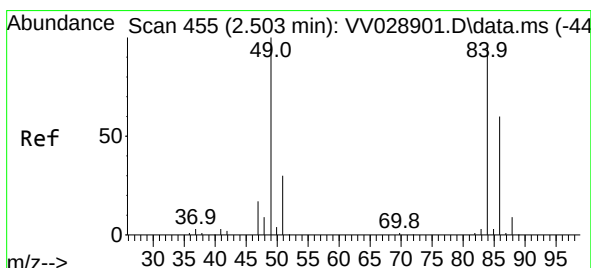
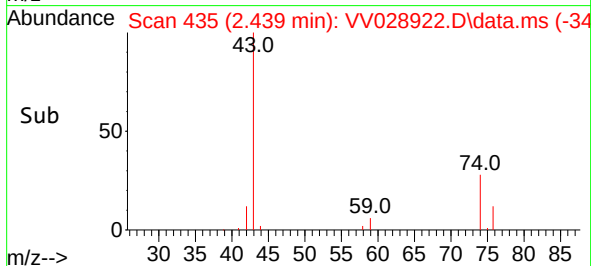
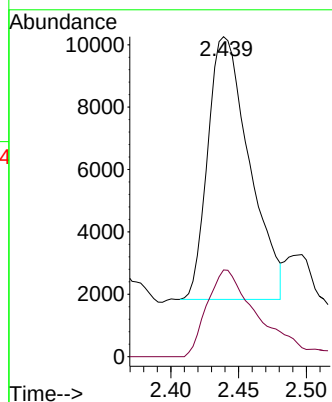
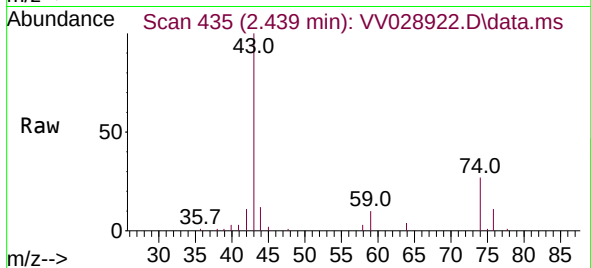




#15
Methyl Acetate
Concen: 3.499 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

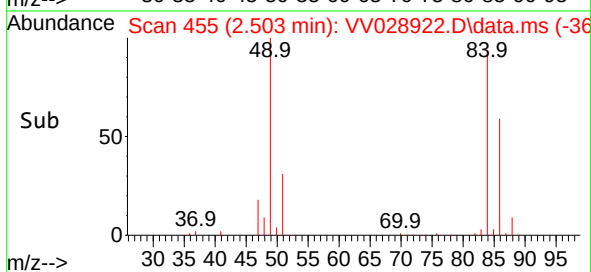
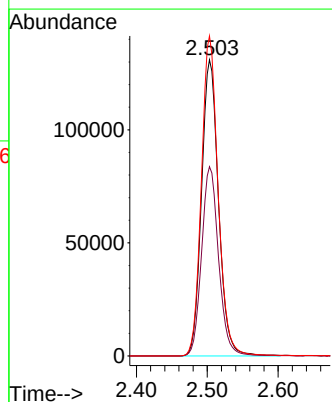
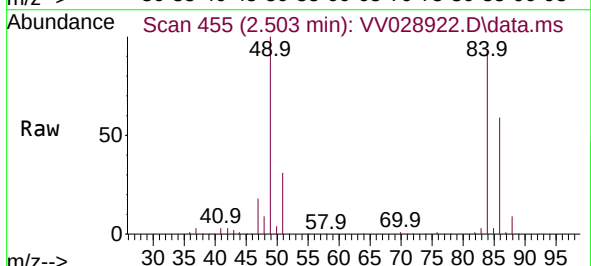
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

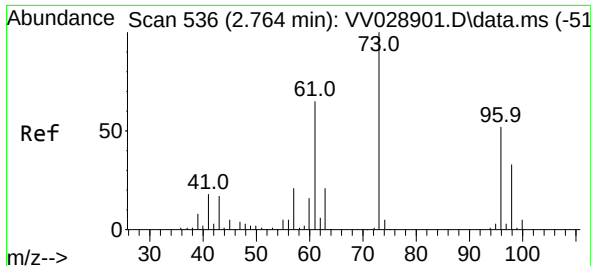
Tgt Ion: 43 Resp: 17935
Ion Ratio Lower Upper
43 100
74 41.0 24.6 37.0#



#16
Methylene chloride
Concen: 8.644 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion: 84 Resp: 217682
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 108.0 75.5 140.1

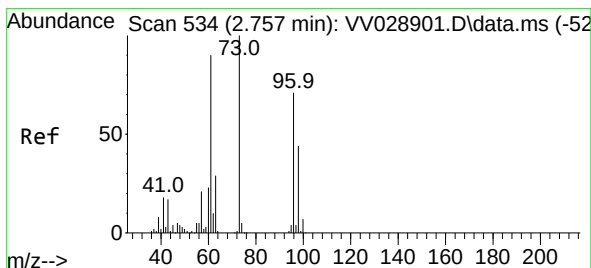
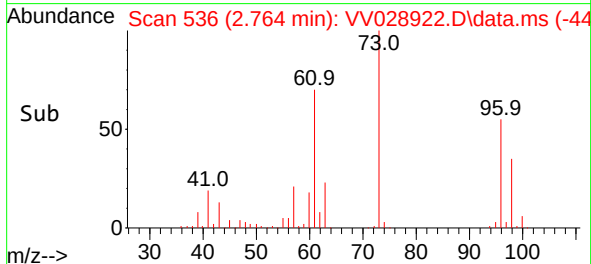
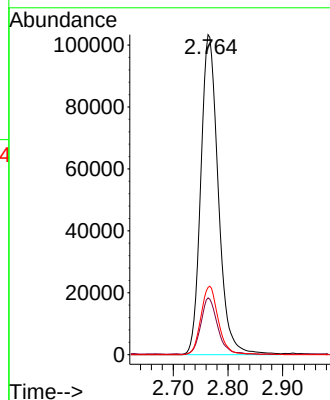
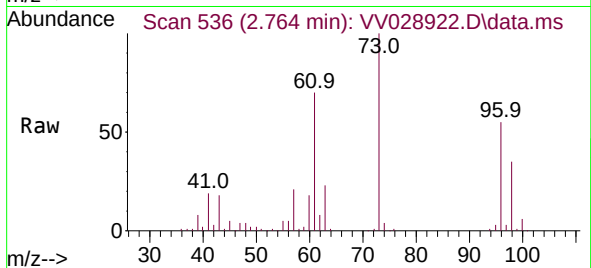




#17
Methyl tert-butyl Ether
Concen: 5.491 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

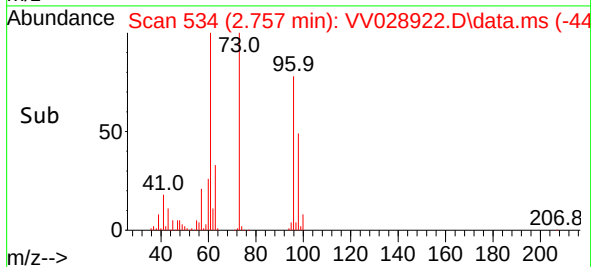
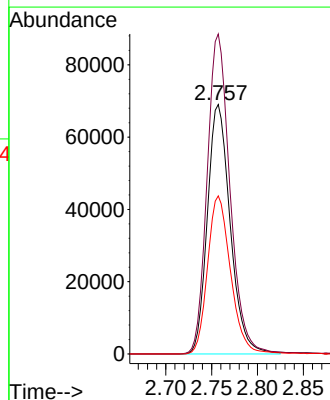
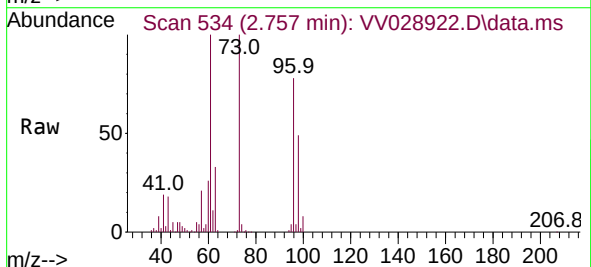
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

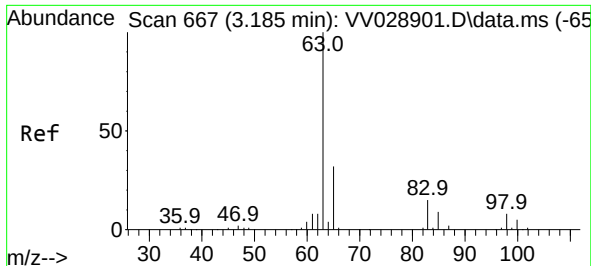
Tgt Ion: 73 Resp: 229300
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 21.1 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 5.307 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion: 96 Resp: 119882
Ion Ratio Lower Upper
96 100
61 128.3 91.8 170.6
98 63.4 46.4 86.2

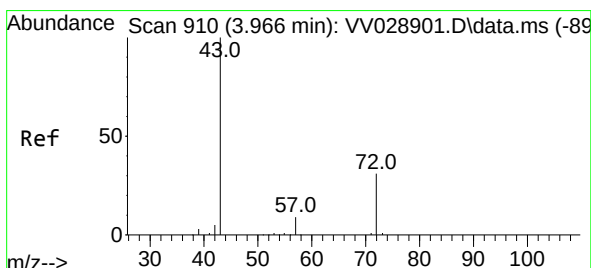
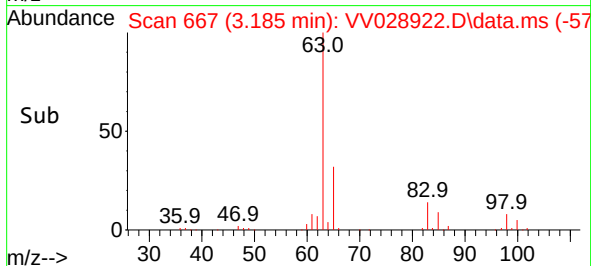
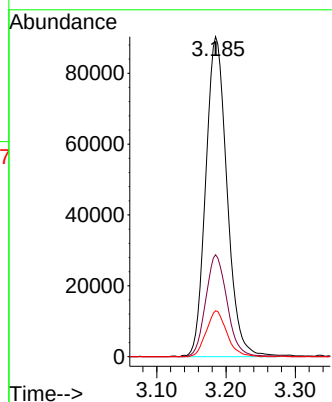
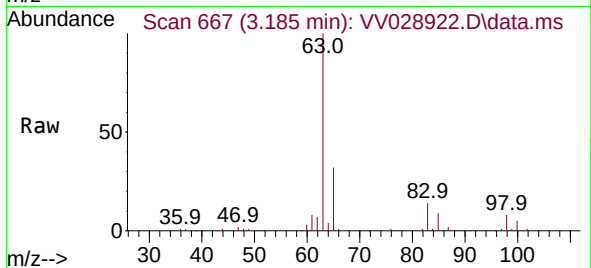




#19
1,1-Dichloroethane
Concen: 5.210 ug/L
RT: 3.185 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

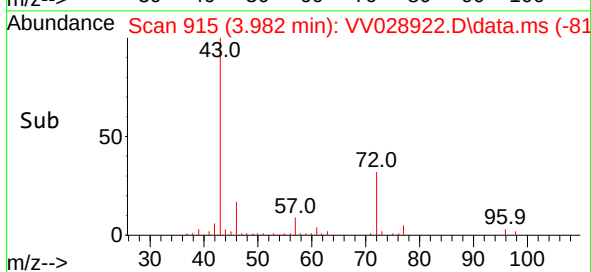
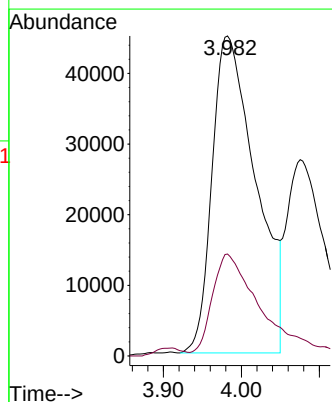
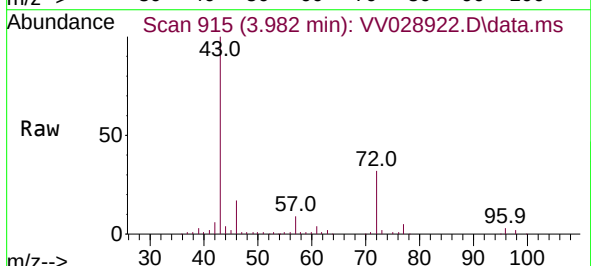
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

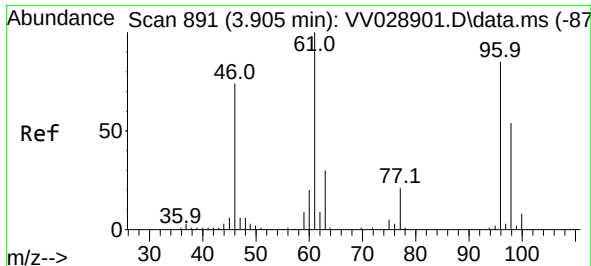
Tgt Ion: 63 Resp: 192407
Ion Ratio Lower Upper
63 100
65 31.8 23.0 42.6
83 14.3 9.4 17.6



#21
2-Butanone
Concen: 53.591 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.016 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion: 43 Resp: 175239
Ion Ratio Lower Upper
43 100
72 35.6 11.9 35.9



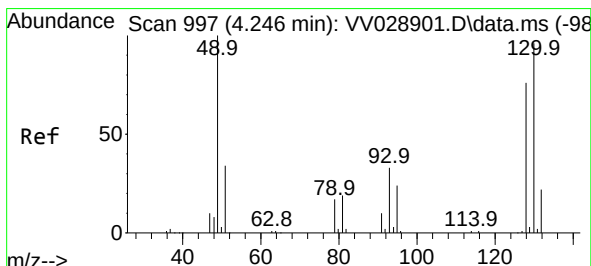
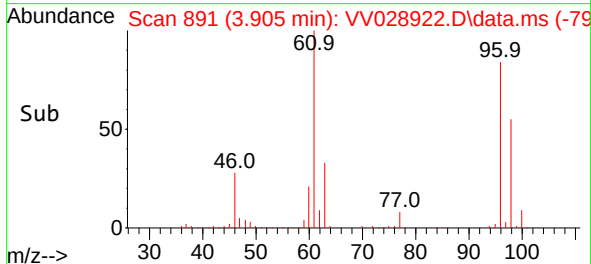
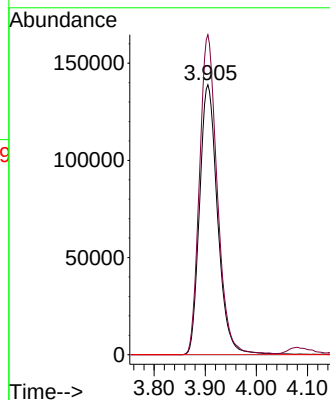
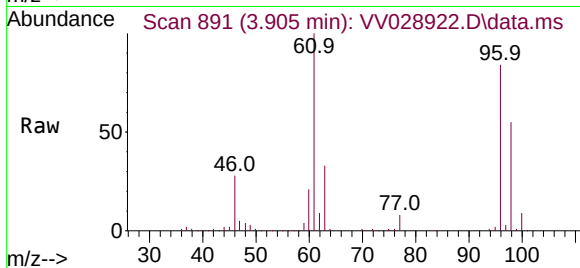


#22
 cis-1,2-Dichloroethene
 Concen: 14.809 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4MS

Tgt Ion: 96 Resp: 340087

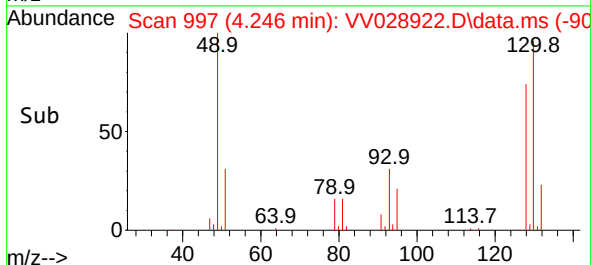
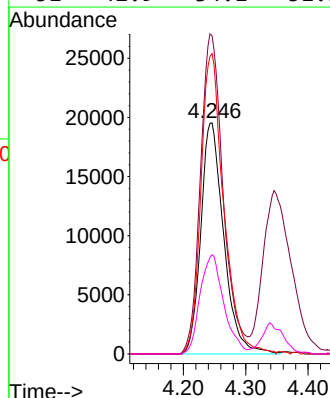
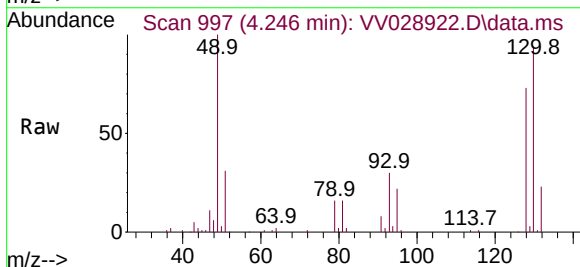
Ion	Ratio	Lower	Upper
96	100		
61	118.6	82.3	152.9
68	0.0	0.0	0.0

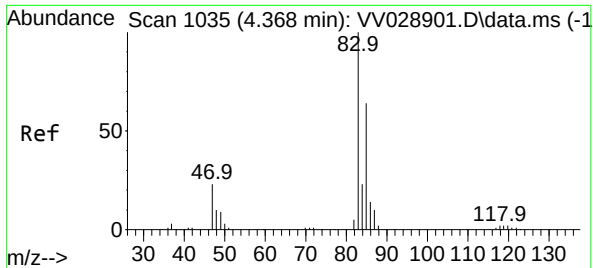


#23
 Bromochloromethane
 Concen: 5.131 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

Tgt Ion:128 Resp: 49838

Ion	Ratio	Lower	Upper
128	100		
49	137.7	89.5	166.1
130	129.9	84.4	156.8
51	42.9	34.1	51.1





#25

Chloroform

Concen: 5.097 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

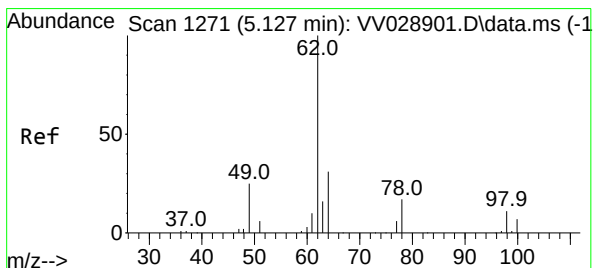
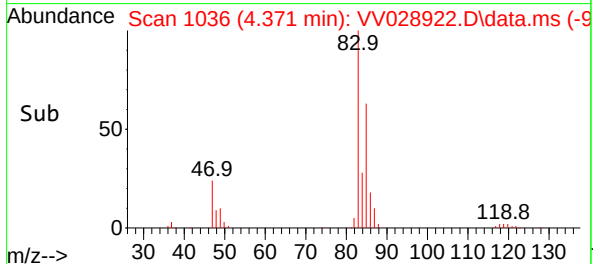
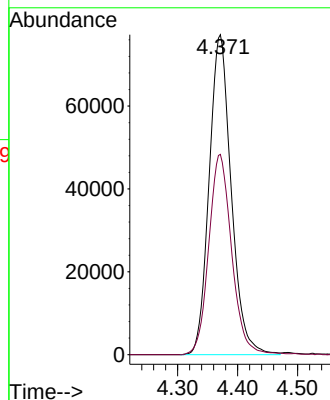
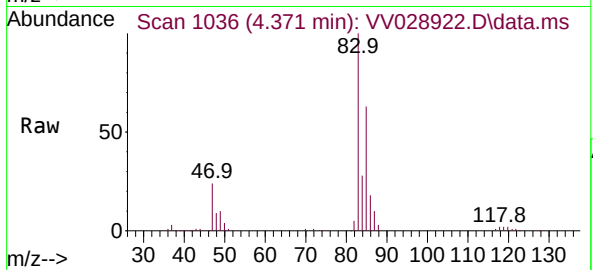
GBMX4MS

Tgt Ion: 83 Resp: 197309

Ion Ratio Lower Upper

83 100

85 62.6 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.284 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV028922.D

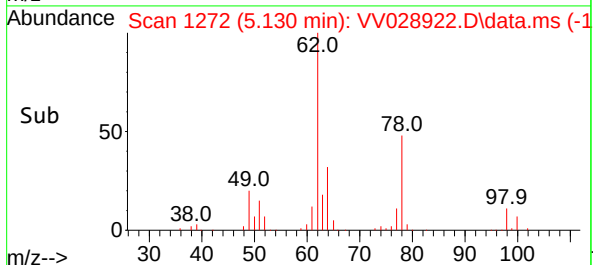
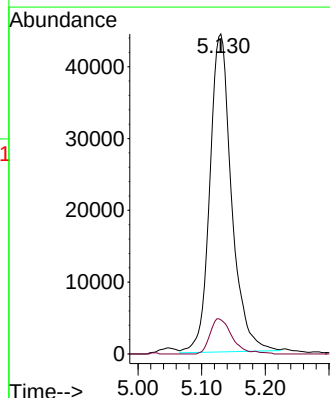
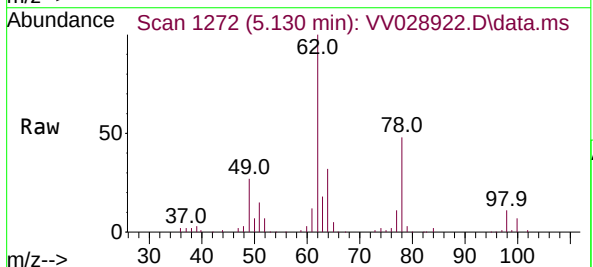
Acq: 12 Nov 2022 10:46

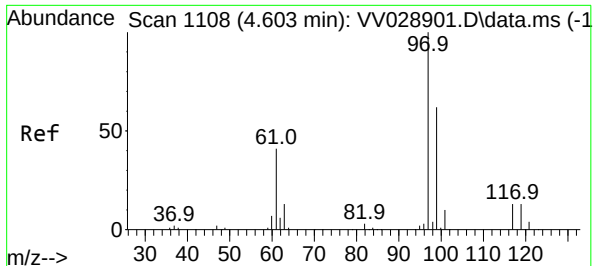
Tgt Ion: 62 Resp: 105358

Ion Ratio Lower Upper

62 100

98 10.7 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.037 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MS

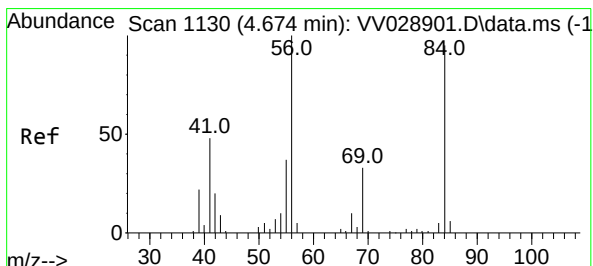
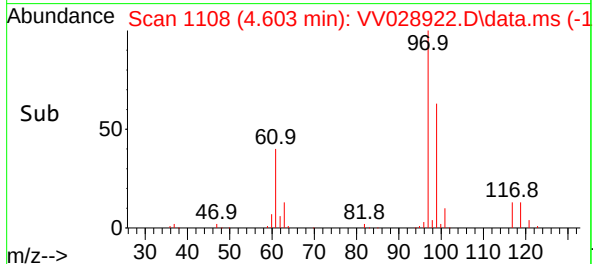
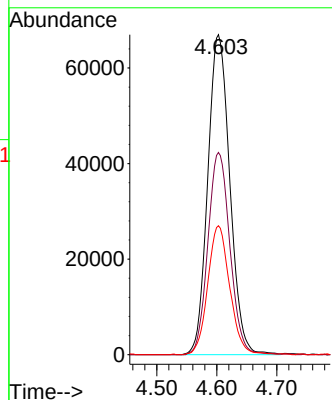
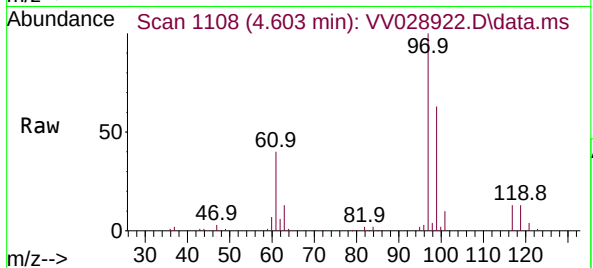
Tgt Ion: 97 Resp: 171707

Ion Ratio Lower Upper

97 100

99 63.0 52.7 79.1

61 39.8 33.8 50.6



#30

Cyclohexane

Concen: 5.011 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

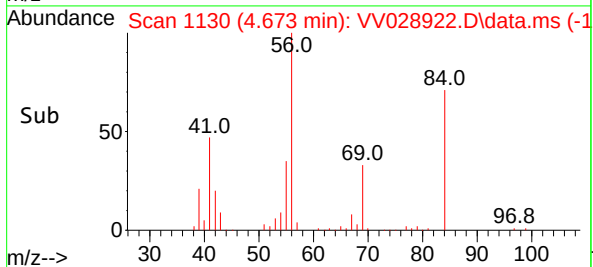
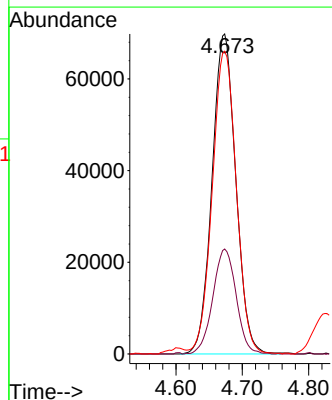
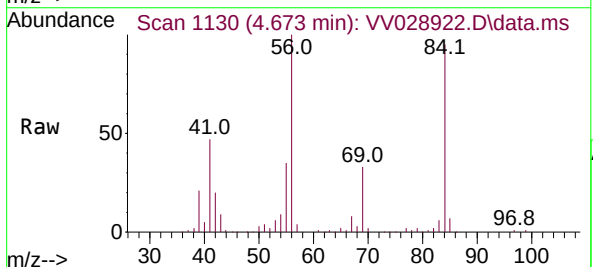
Tgt Ion: 56 Resp: 173608

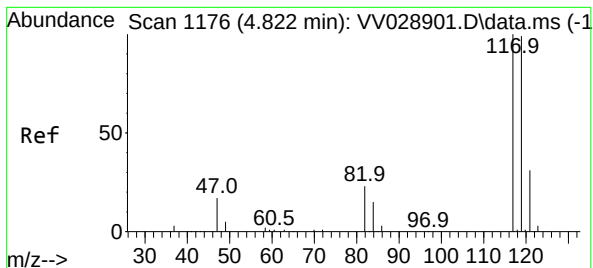
Ion Ratio Lower Upper

56 100

69 32.3 26.1 39.1

84 96.2 77.9 116.9





#31

Carbon tetrachloride

Concen: 4.671 ug/L

RT: 4.825 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

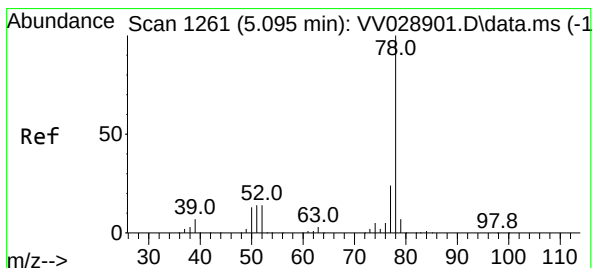
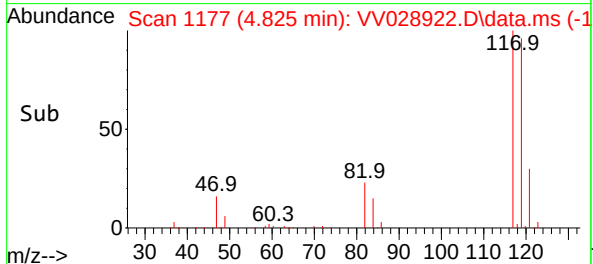
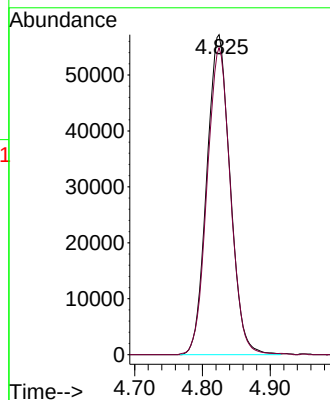
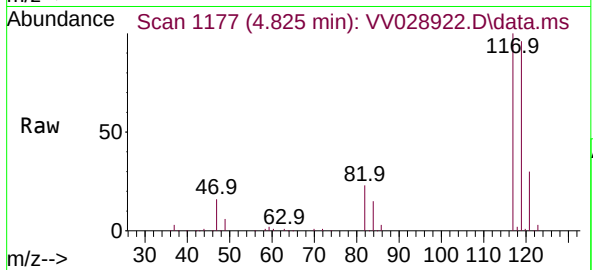
GBMX4MS

Tgt Ion:117 Resp: 137130

Ion Ratio Lower Upper

117 100

119 95.9 77.0 115.6



#33

Benzene

Concen: 5.149 ug/L

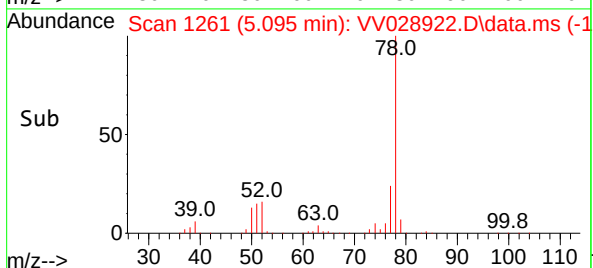
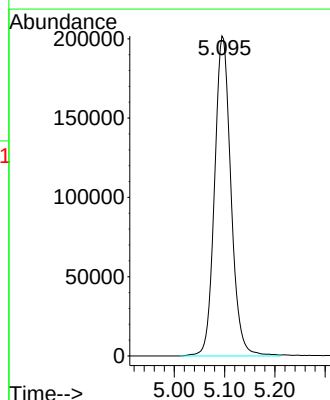
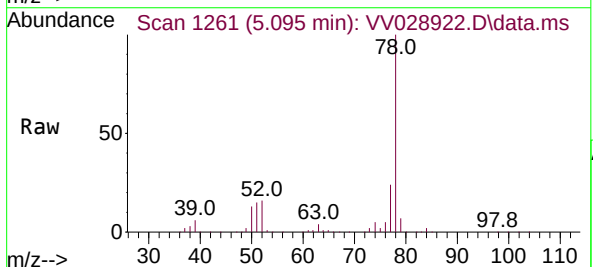
RT: 5.095 min Scan# 1261

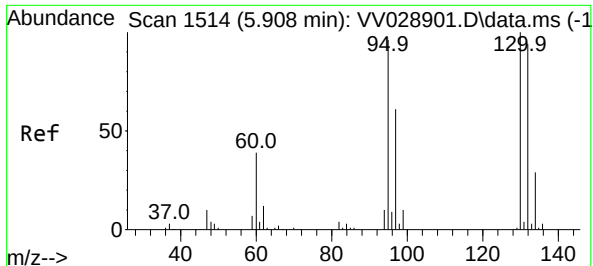
Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Tgt Ion: 78 Resp: 457111

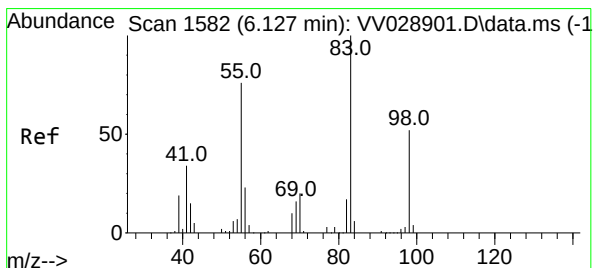
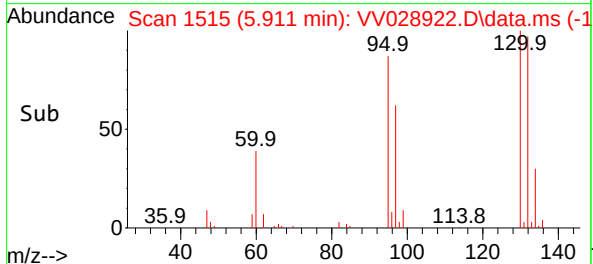
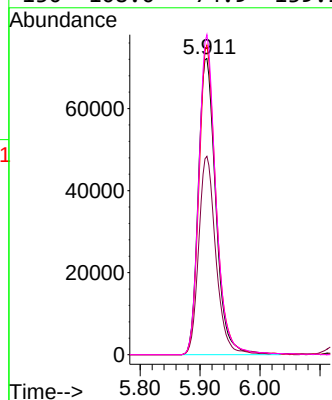
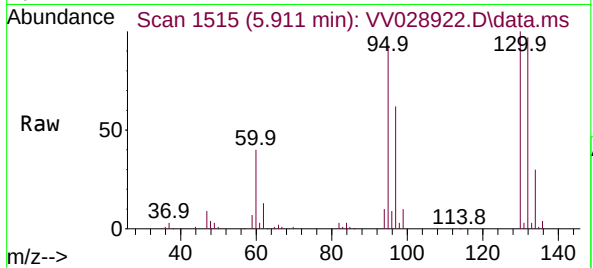




#34
Trichloroethene
Concen: 6.464 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

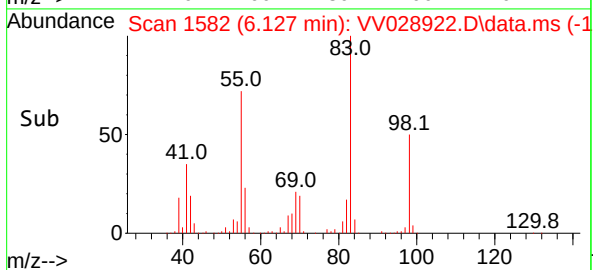
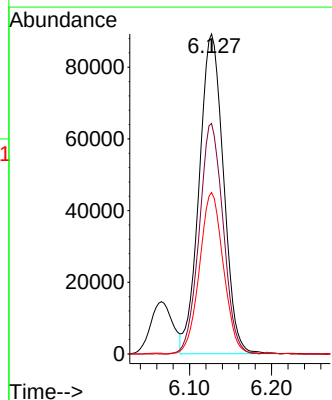
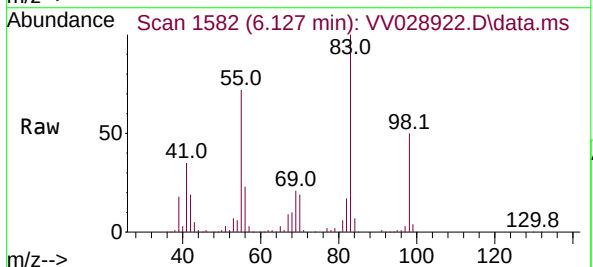
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

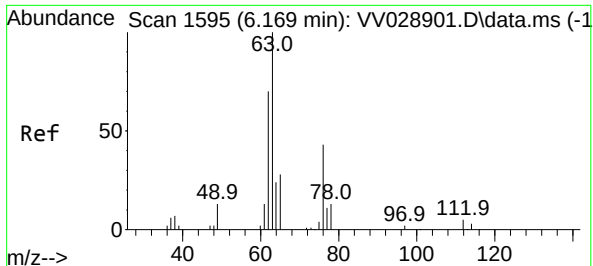
Tgt Ion: 95 Resp: 146911
Ion Ratio Lower Upper
95 100
97 67.0 45.6 84.8
132 104.5 69.1 128.3
130 108.0 74.9 139.1



#35
Methylcyclohexane
Concen: 4.591 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion: 83 Resp: 183379
Ion Ratio Lower Upper
83 100
55 71.1 55.8 83.6
98 49.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.142 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

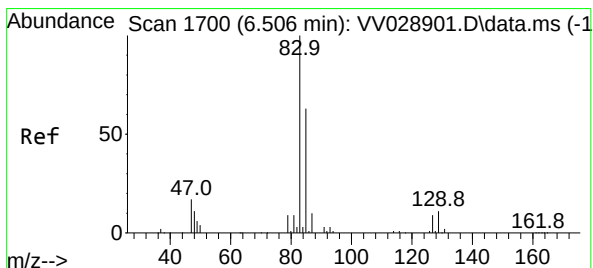
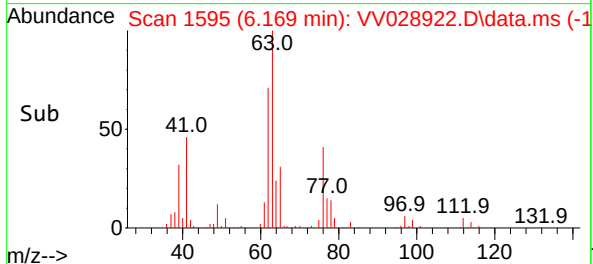
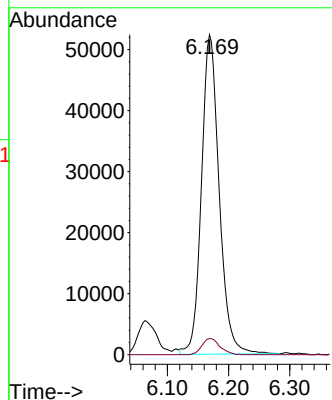
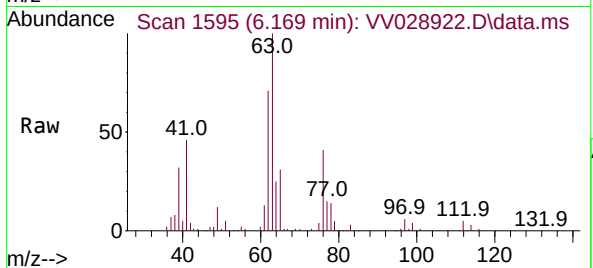
GBMX4MS

Tgt Ion: 63 Resp: 105261

Ion Ratio Lower Upper

63 100

112 5.1 4.0 6.0



#38

Bromodichloromethane

Concen: 4.890 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

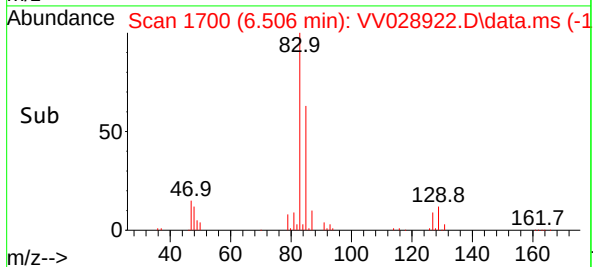
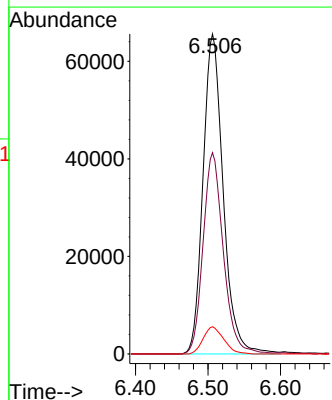
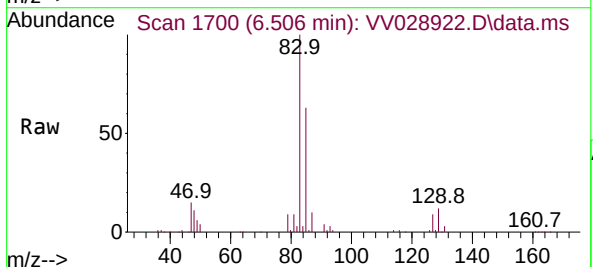
Tgt Ion: 83 Resp: 126776

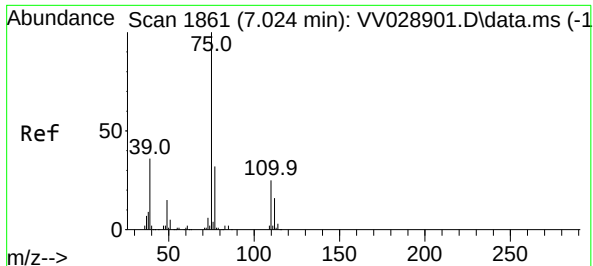
Ion Ratio Lower Upper

83 100

85 62.9 46.1 85.5

127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.654 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

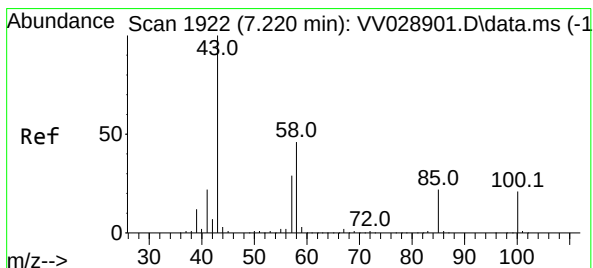
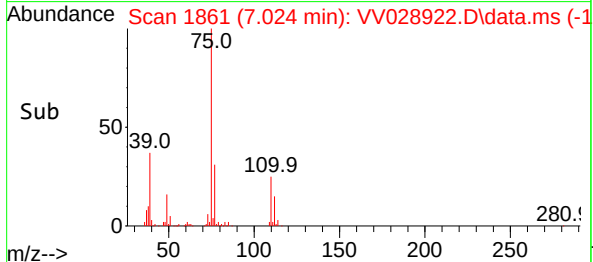
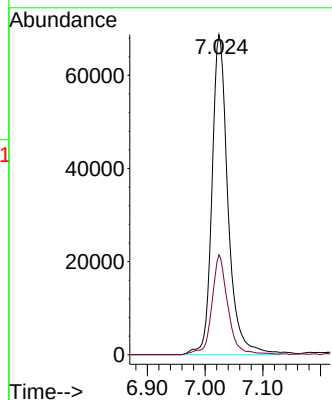
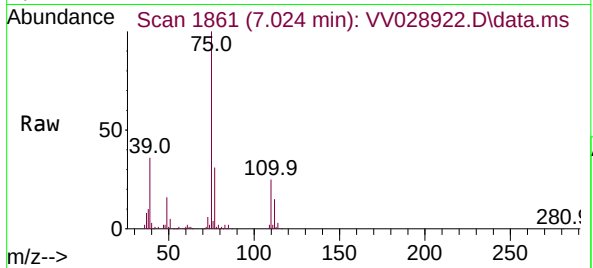
GBMX4MS

Tgt Ion: 75 Resp: 133021

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.185 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

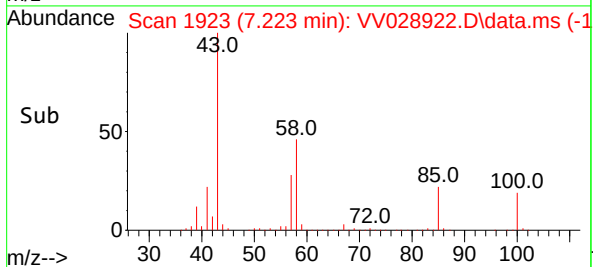
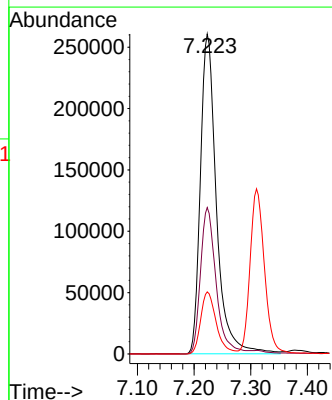
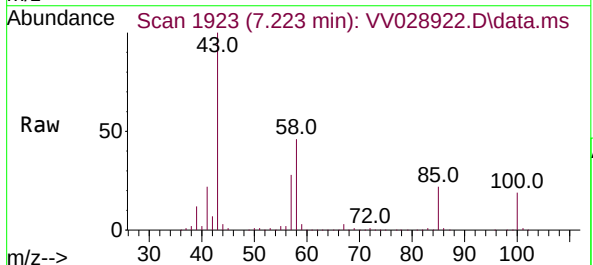
Tgt Ion: 43 Resp: 512472

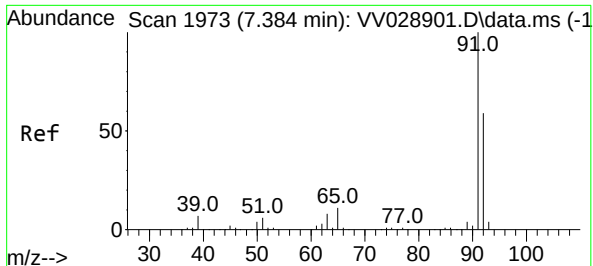
Ion Ratio Lower Upper

43 100

58 44.8 36.6 55.0

100 18.8 14.5 21.7





#42

Toluene

Concen: 5.079 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

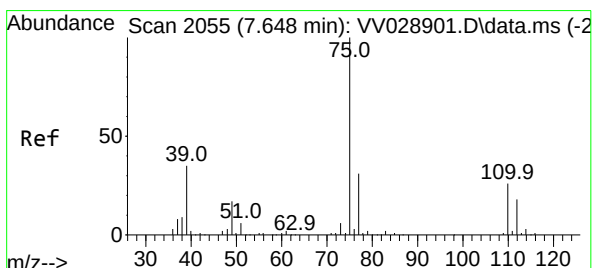
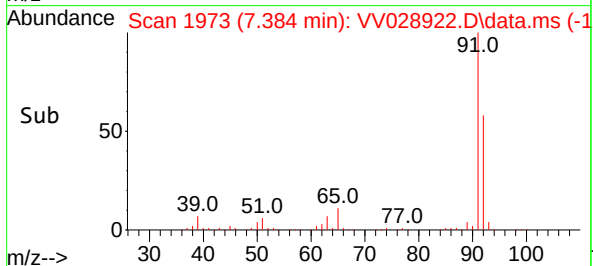
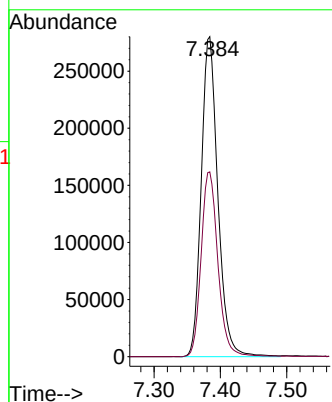
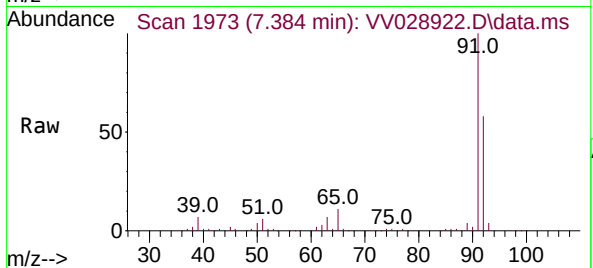
GBMX4MS

Tgt Ion: 91 Resp: 487117

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.696 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV028922.D

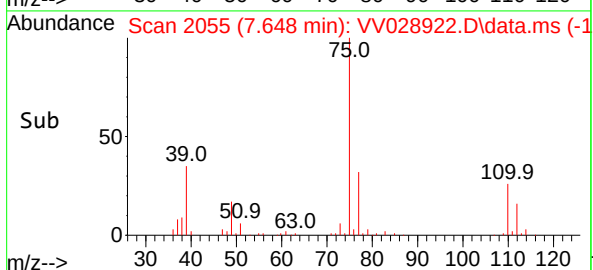
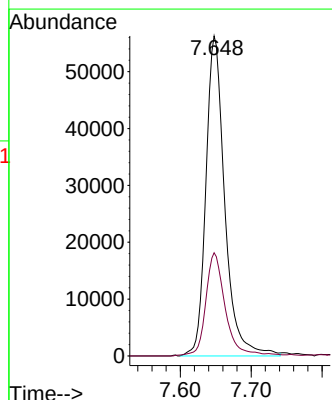
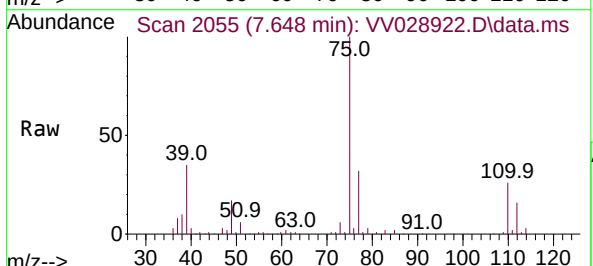
Acq: 12 Nov 2022 10:46

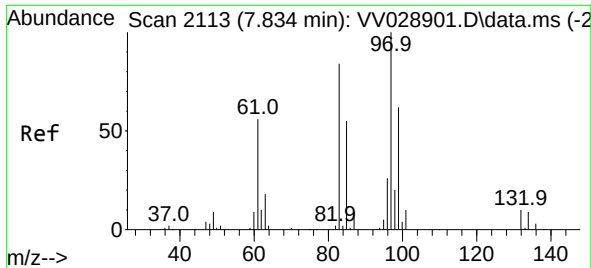
Tgt Ion: 75 Resp: 104182

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2

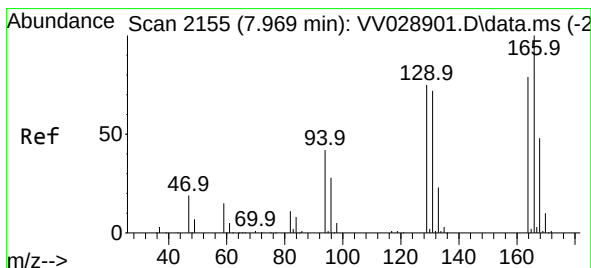
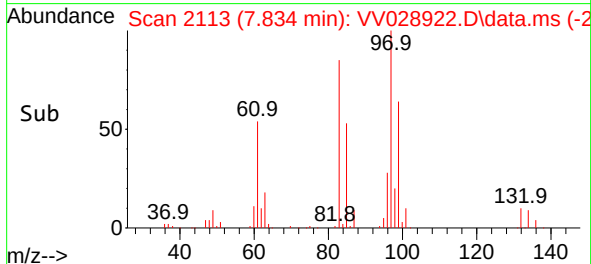
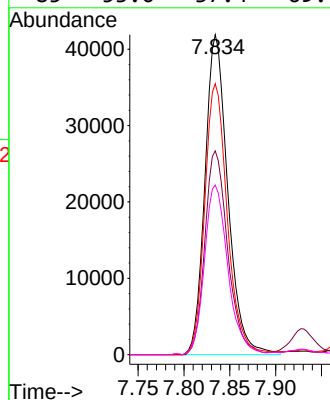
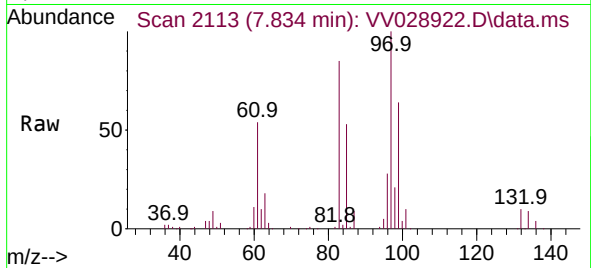




#45
1,1,2-Trichloroethane
Concen: 5.425 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

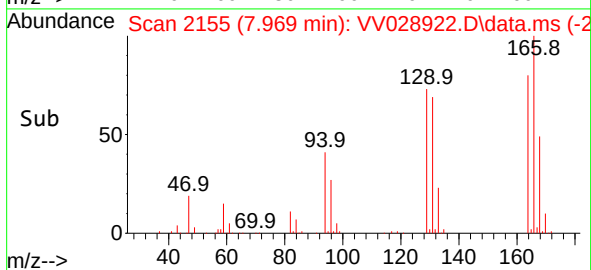
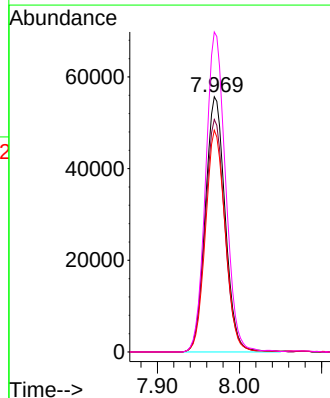
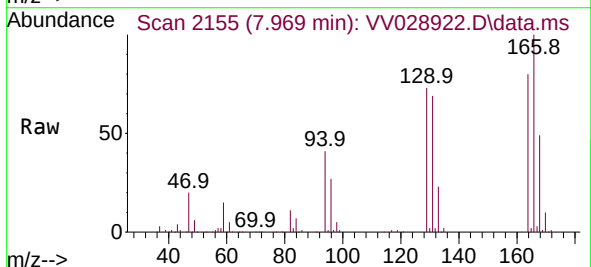
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

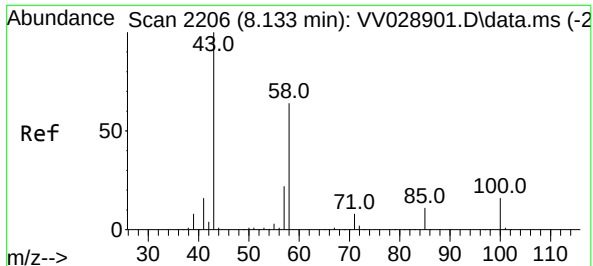
Tgt Ion:	97	Resp:	72696
Ion	Ratio	Lower	Upper
97	100		
99	63.7	41.5	77.1
83	84.7	60.0	111.4
85	53.0	37.4	69.4



#47
Tetrachloroethene
Concen: 5.146 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion:	164	Resp:	93637
Ion	Ratio	Lower	Upper
164	100		
129	91.1	63.9	118.7
131	86.9	61.8	114.8
166	125.4	90.2	167.4



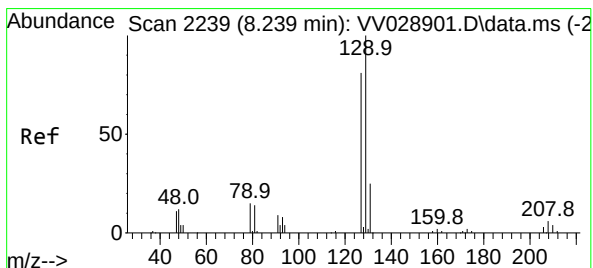
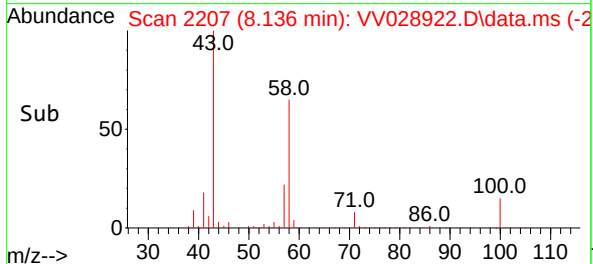
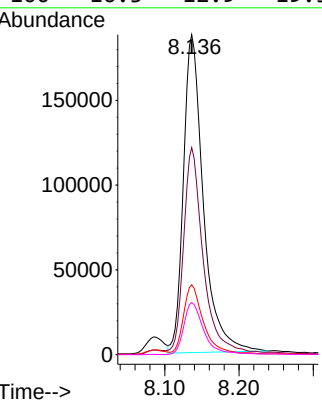
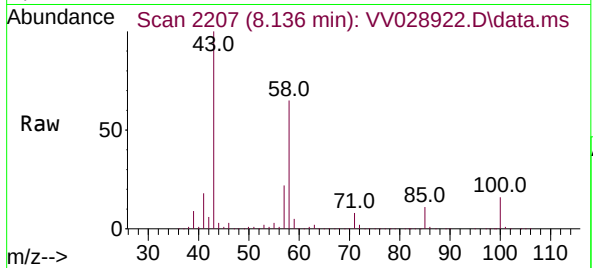


#48
2-Hexanone
Concen: 56.910 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

Tgt Ion: 43 Resp: 351113

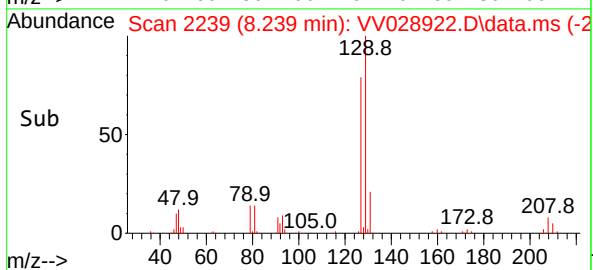
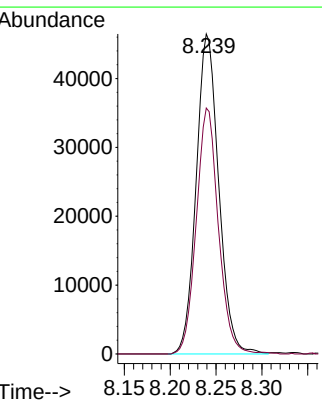
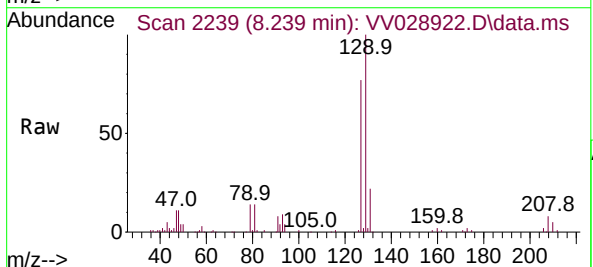
Ion	Ratio	Lower	Upper
43	100		
58	62.9	50.2	75.4
57	20.8	17.8	26.8
100	16.3	12.9	19.3

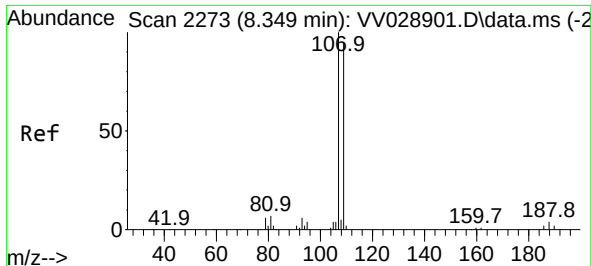


#49
Dibromochloromethane
Concen: 4.909 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion: 129 Resp: 79533

Ion	Ratio	Lower	Upper
129	100		
127	76.9	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.576 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MS

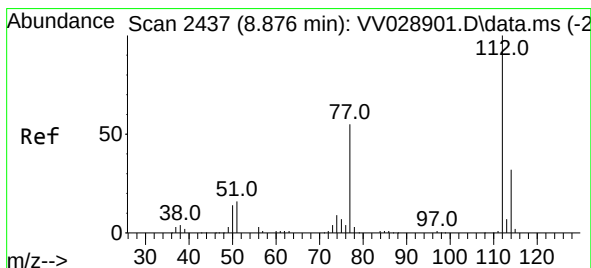
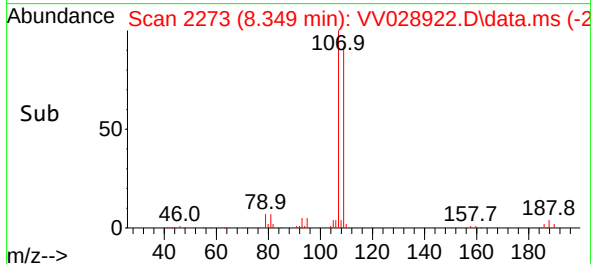
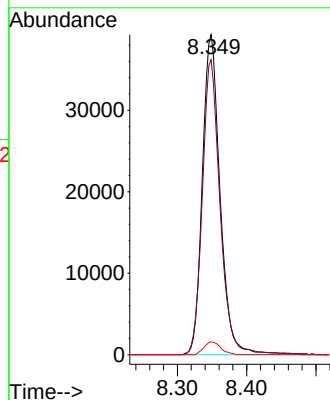
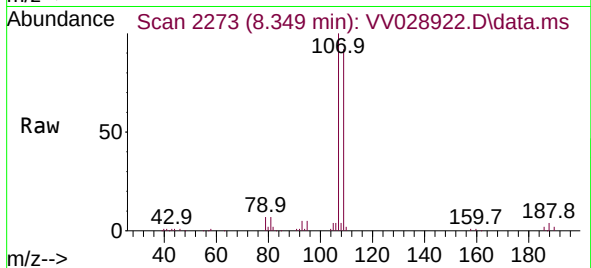
Tgt Ion:107 Resp: 69416

Ion Ratio Lower Upper

107 100

109 92.1 64.4 119.6

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.215 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

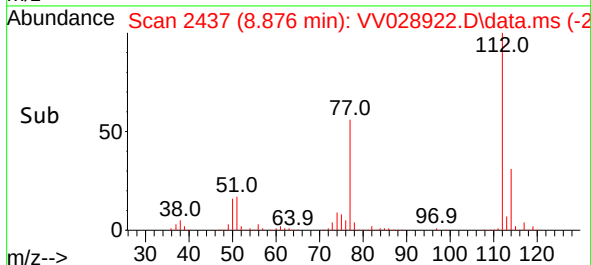
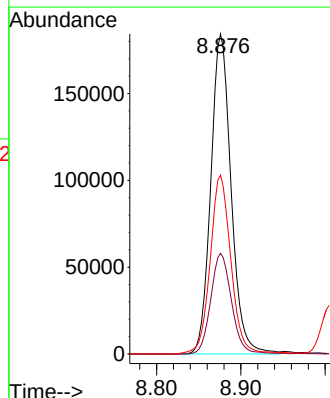
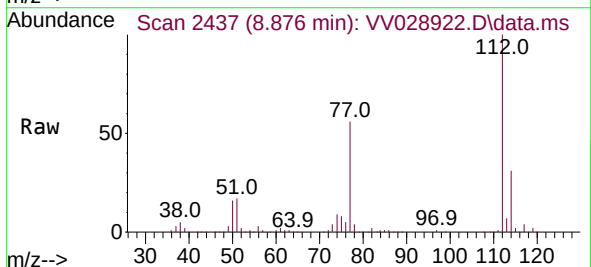
Tgt Ion:112 Resp: 309212

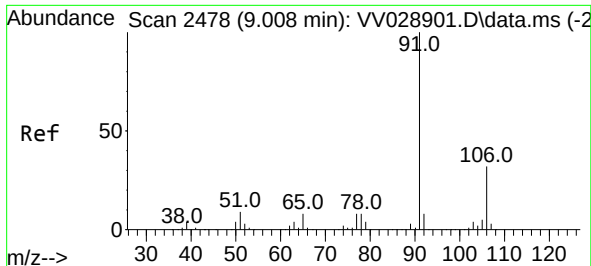
Ion Ratio Lower Upper

112 100

114 31.5 22.4 41.6

77 55.9 44.4 66.6

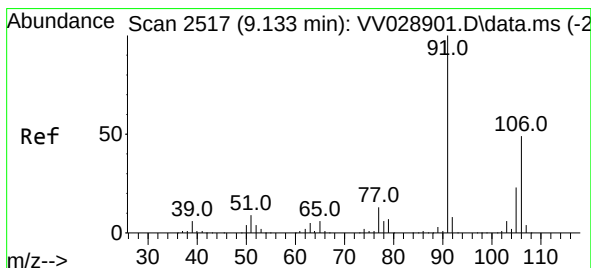
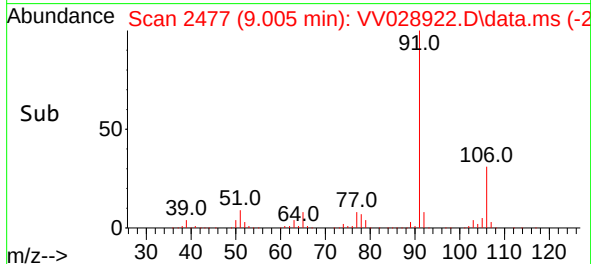
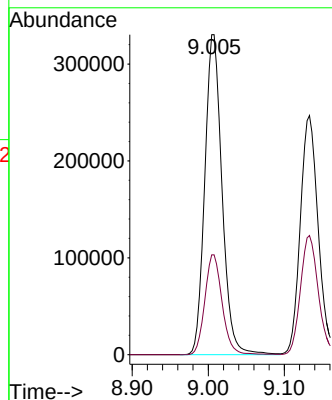
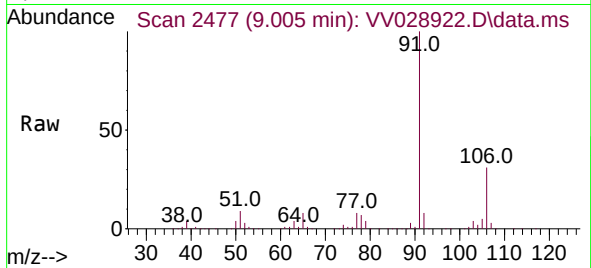




#52
Ethylbenzene
Concen: 5.219 ug/L
RT: 9.005 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

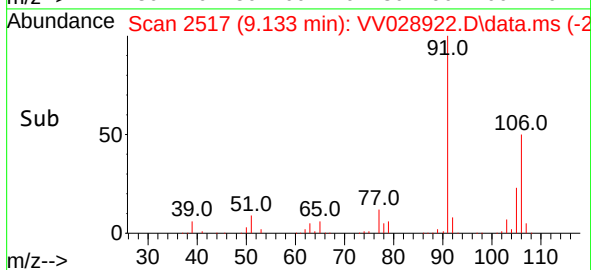
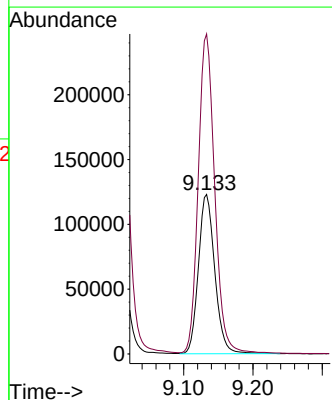
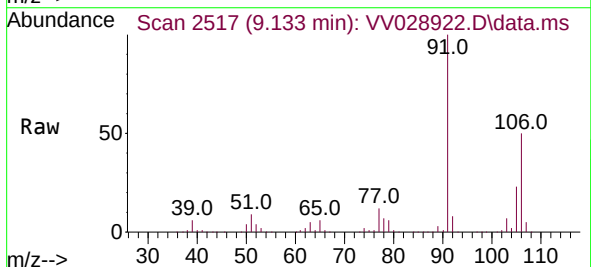
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

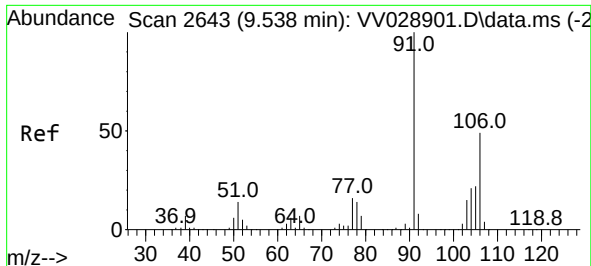
Tgt Ion: 91 Resp: 521059
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-Xylene
Concen: 5.099 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion: 106 Resp: 202473
Ion Ratio Lower Upper
106 100
91 200.6 139.1 258.3

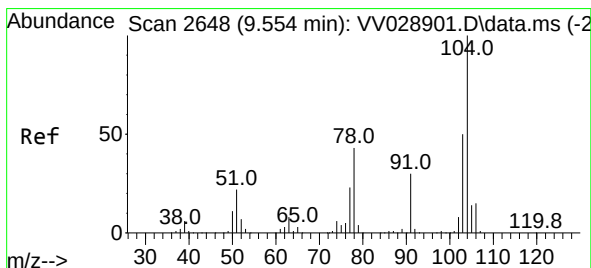
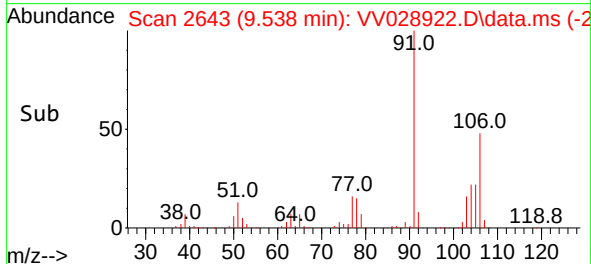
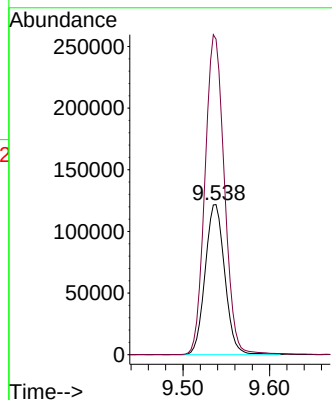
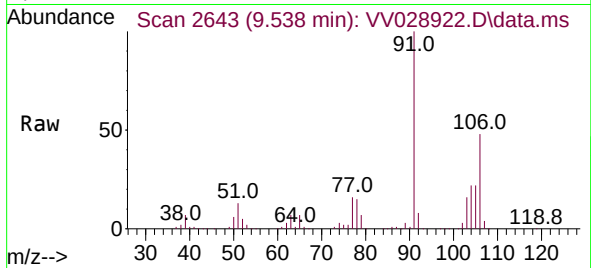




#54
o-Xylene
Concen: 5.081 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

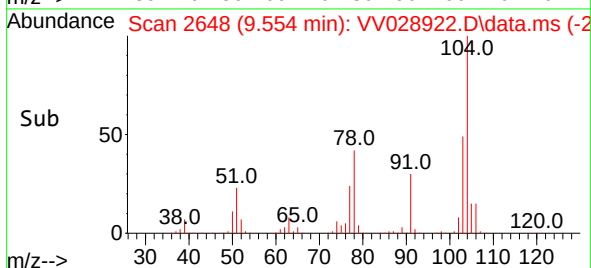
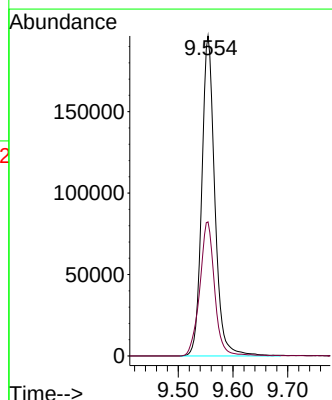
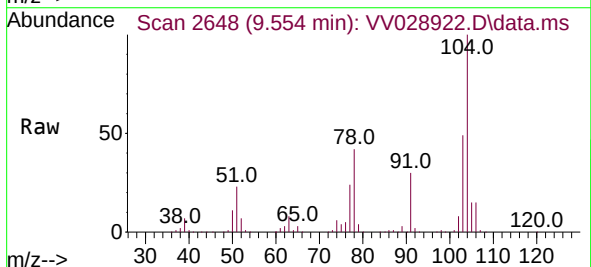
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

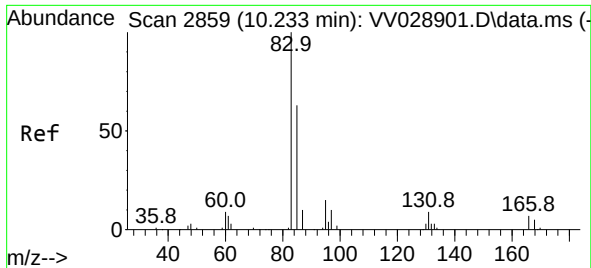
Tgt Ion:106 Resp: 191807
Ion Ratio Lower Upper
106 100
91 210.3 145.7 270.7



#55
Styrene
Concen: 5.151 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion:104 Resp: 326106
Ion Ratio Lower Upper
104 100
78 41.9 30.1 55.9

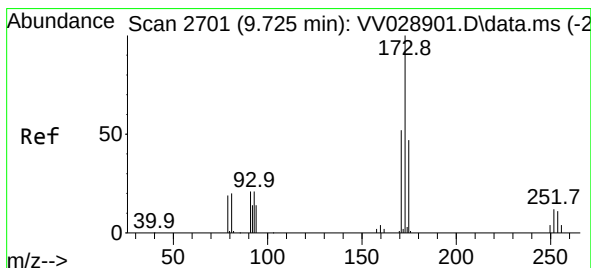
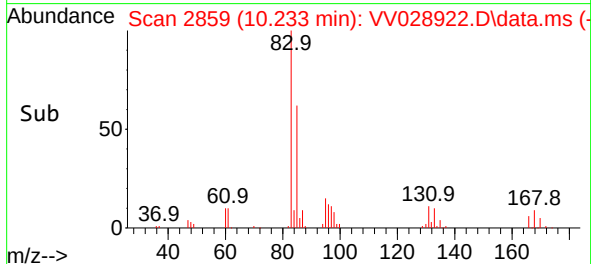
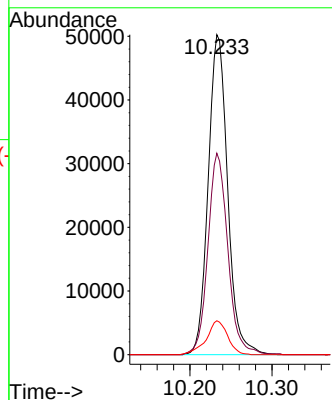
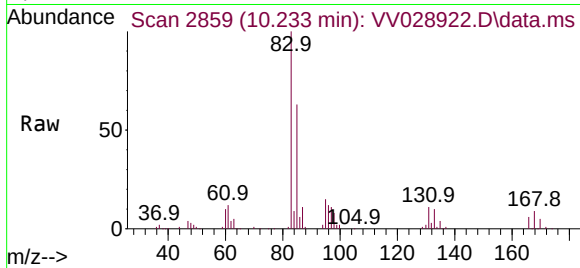




#57
1,1,2,2-Tetrachloroethane
Concen: 5.305 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

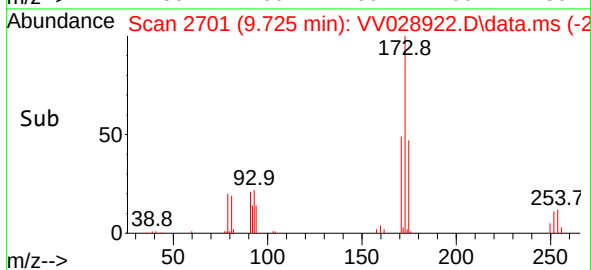
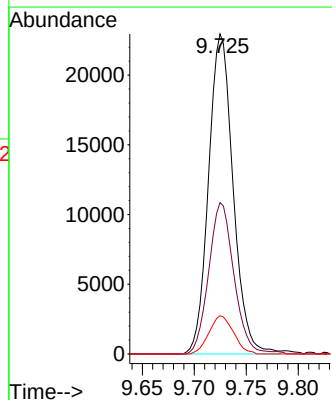
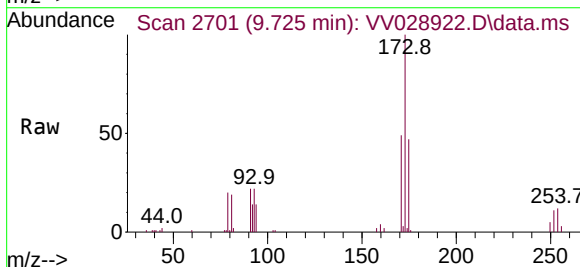
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

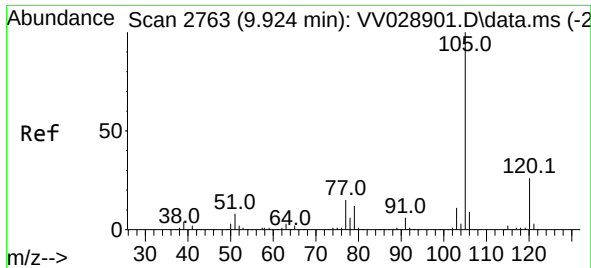
Tgt Ion: 83 Resp: 82857
Ion Ratio Lower Upper
83 100
85 62.9 45.2 84.0
131 10.6 7.5 11.3



#59
Bromoform
Concen: 4.575 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion: 173 Resp: 37701
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.4
254 11.9 8.5 12.7

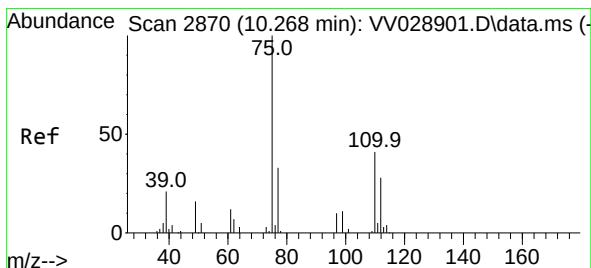
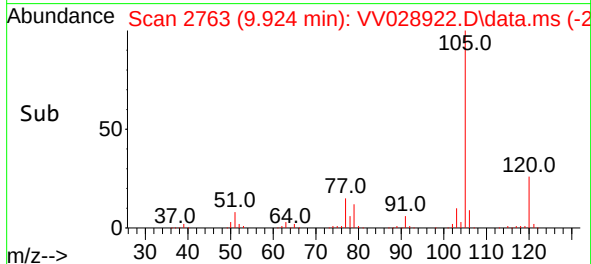
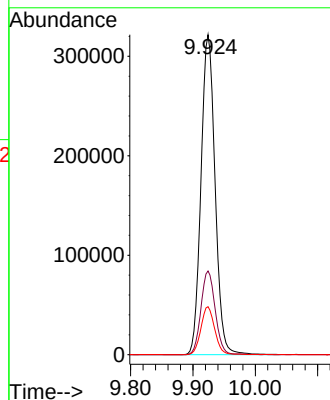
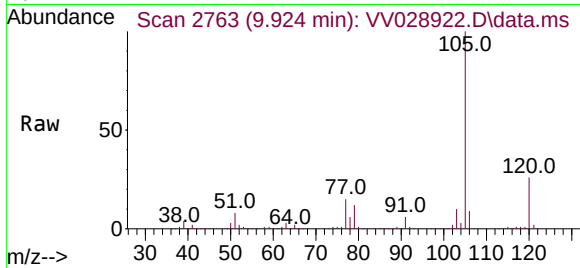




#60
Isopropylbenzene
Concen: 5.150 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

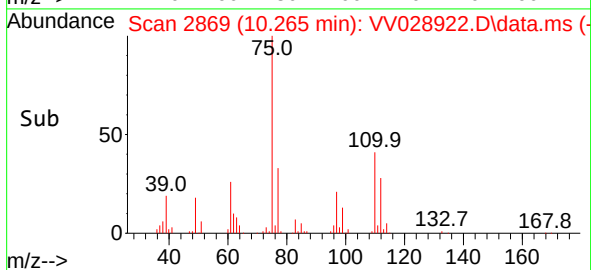
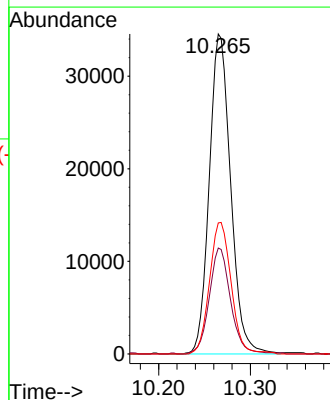
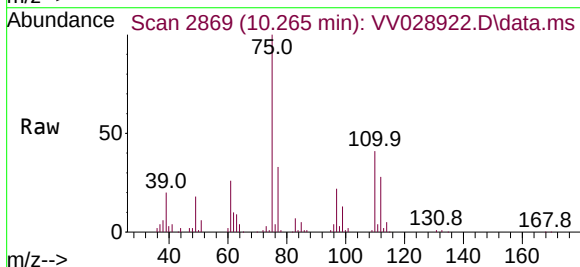
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

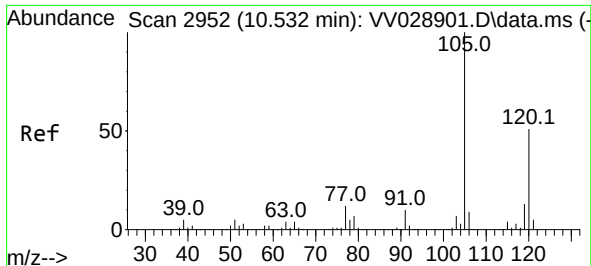
Tgt Ion:105 Resp: 505268
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.417 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion: 75 Resp: 55954
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
110 41.6 32.6 48.8

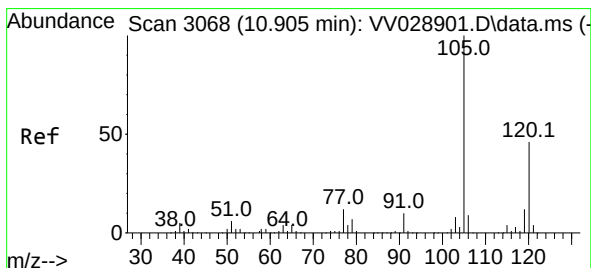
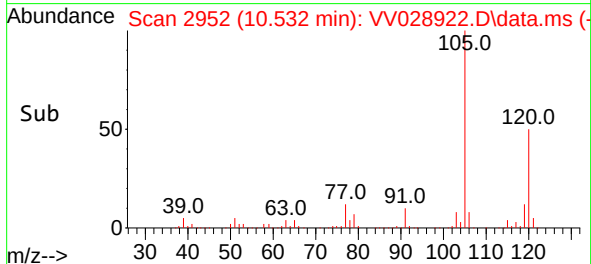
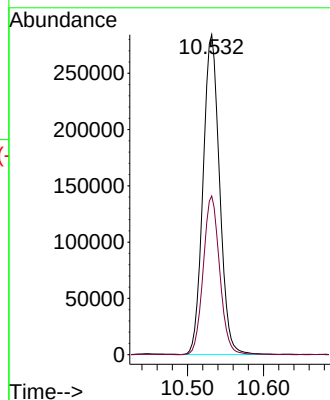
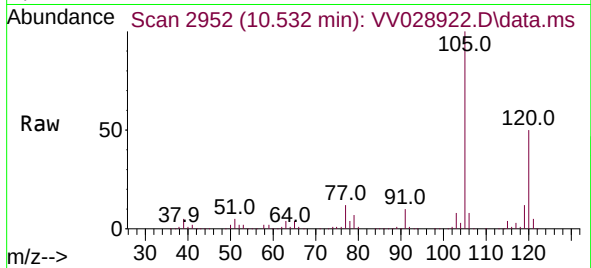




#62
 1,3,5-Trimethylbenzene
 Concen: 5.162 ug/L
 RT: 10.532 min Scan# 2952
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

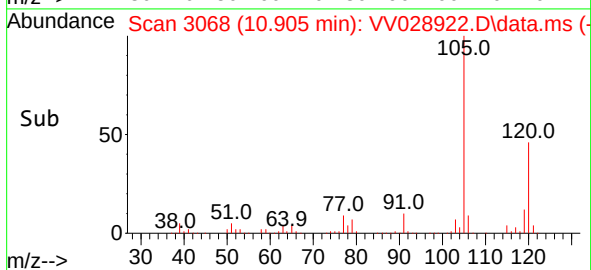
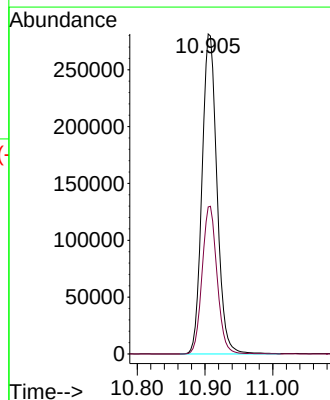
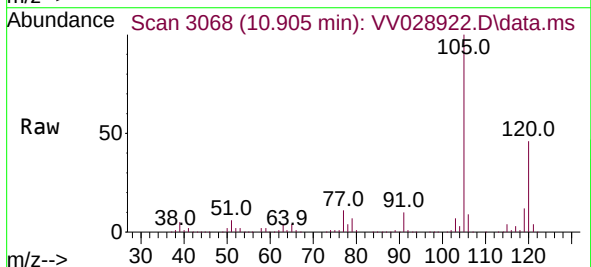
Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4MS

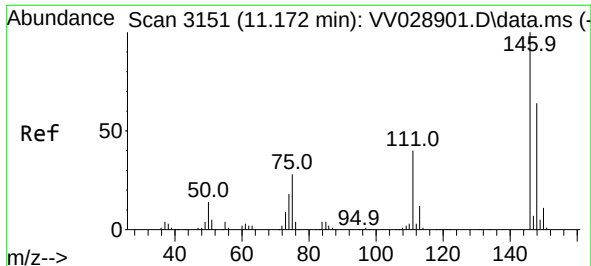
Tgt Ion:105 Resp: 429055
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.177 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV028922.D
 Acq: 12 Nov 2022 10:46

Tgt Ion:105 Resp: 431060
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.8 56.8

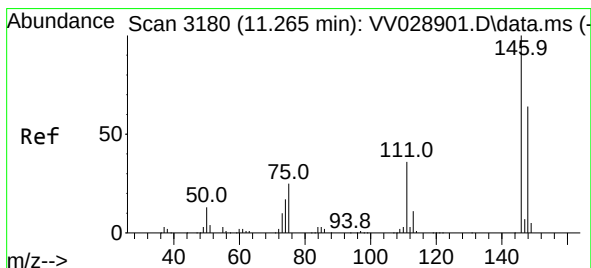
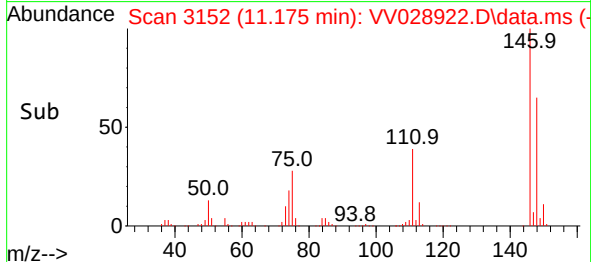
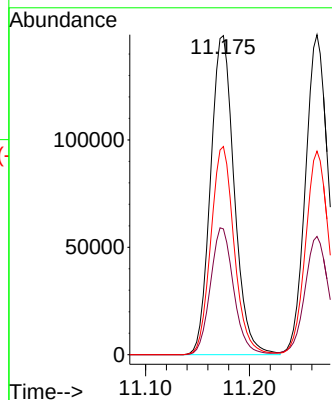
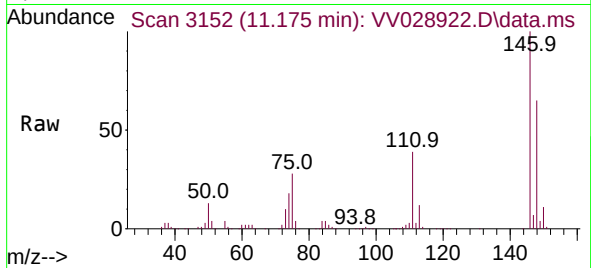




#64
1,3-Dichlorobenzene
Concen: 5.101 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

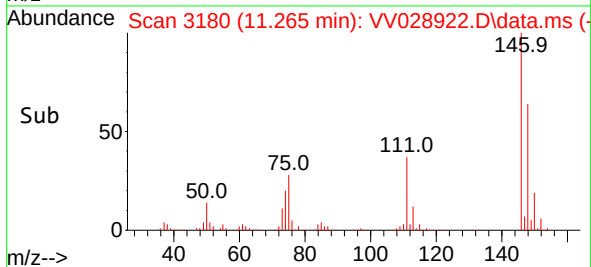
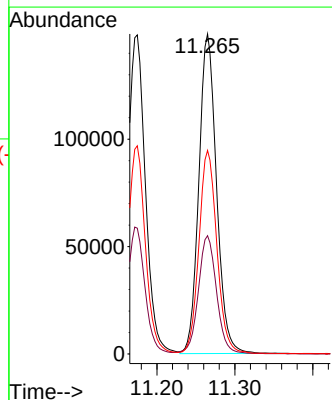
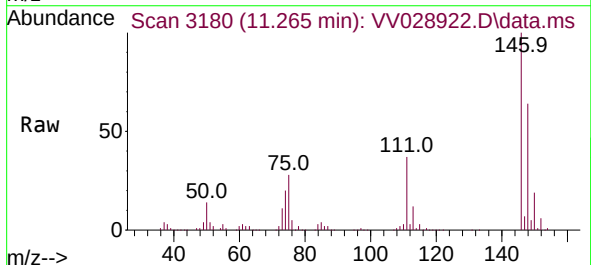
Instrument :
MSVOA_V
ClientSampleId :
GBMX4MS

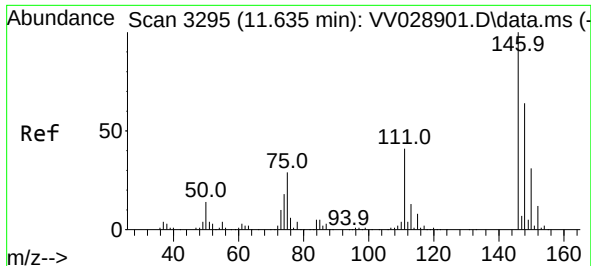
Tgt Ion:146 Resp: 235148
Ion Ratio Lower Upper
146 100
111 39.4 26.9 50.1
148 65.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.055 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028922.D
Acq: 12 Nov 2022 10:46

Tgt Ion:146 Resp: 234303
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 63.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.175 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MS

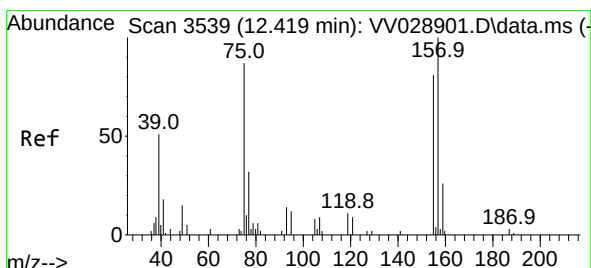
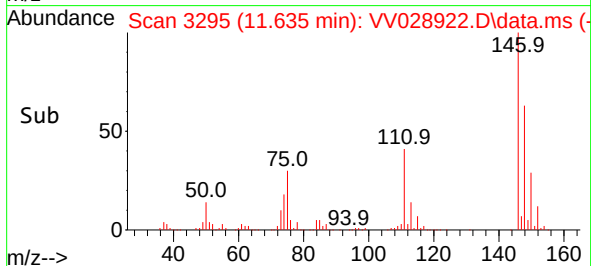
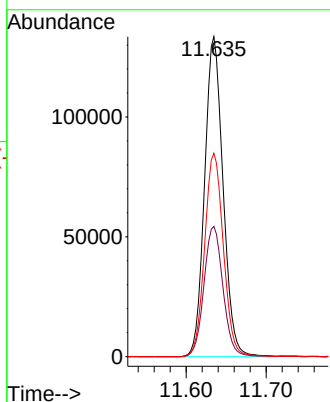
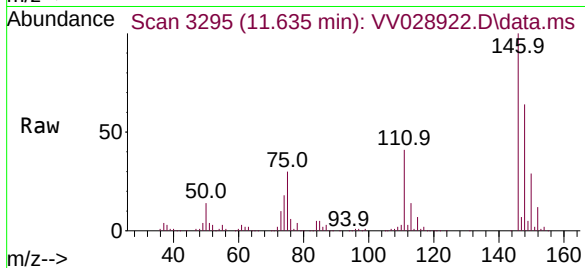
Tgt Ion:146 Resp: 214354

Ion Ratio Lower Upper

146 100

111 40.7 32.4 48.6

148 63.6 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.522 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

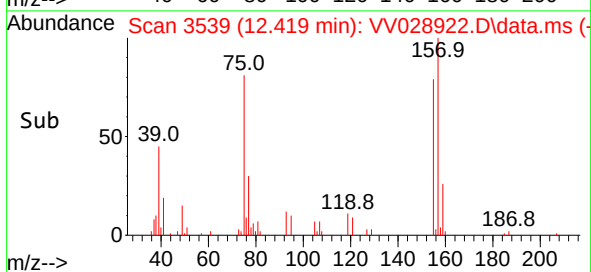
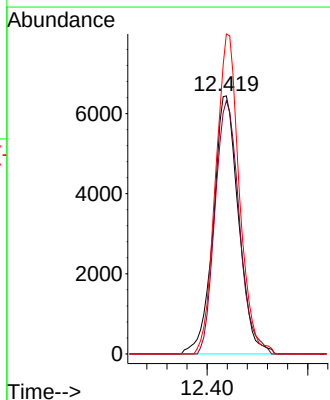
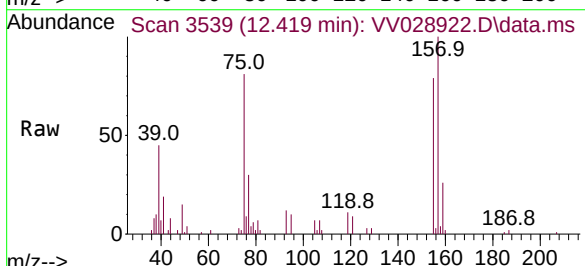
Tgt Ion: 75 Resp: 11223

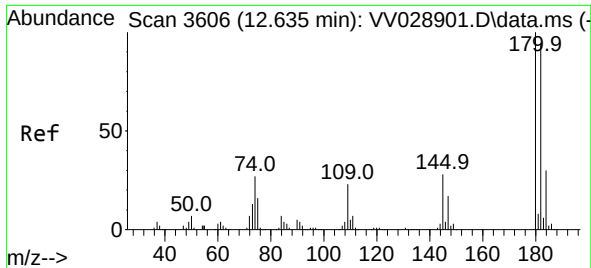
Ion Ratio Lower Upper

75 100

155 98.2 64.8 97.2#

157 124.0 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 4.899 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MS

Tgt Ion:180 Resp: 174263

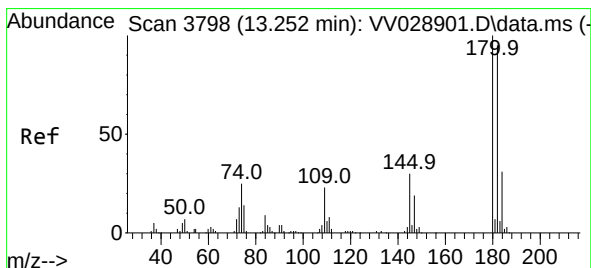
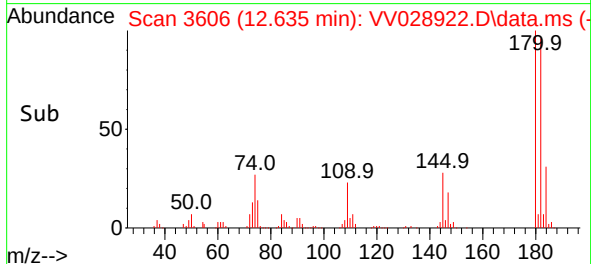
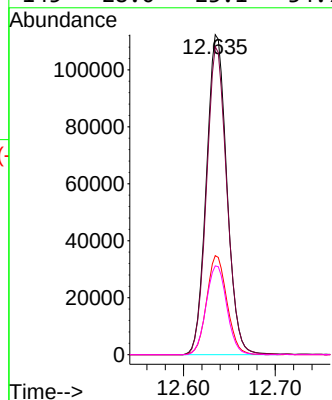
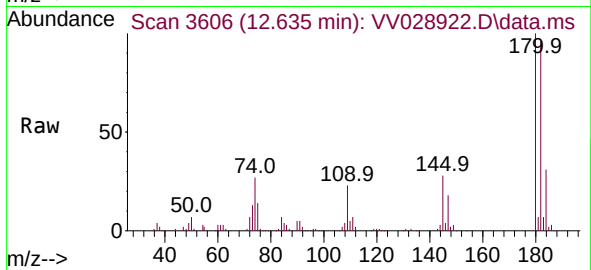
Ion Ratio Lower Upper

180 100

182 95.8 76.7 115.1

184 30.7 24.0 36.0

145 28.0 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.218 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

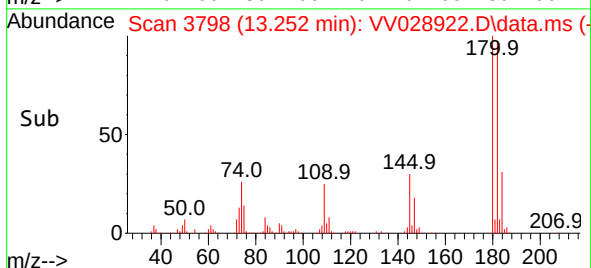
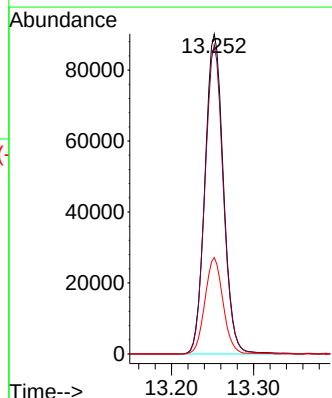
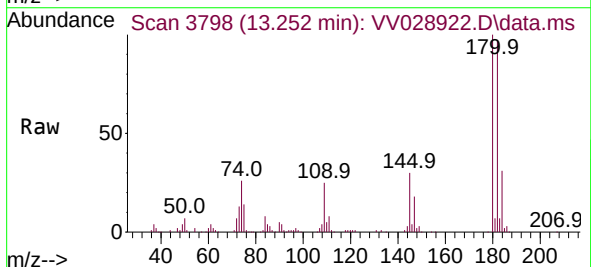
Tgt Ion:180 Resp: 140380

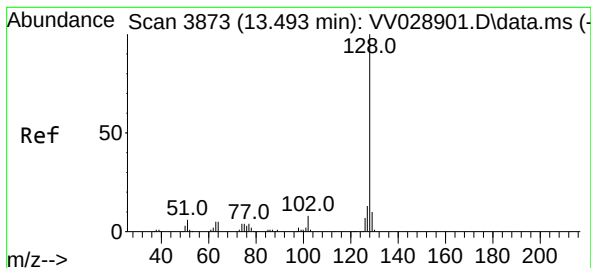
Ion Ratio Lower Upper

180 100

182 96.0 74.3 111.5

145 29.8 23.7 35.5





#71

Naphthalene

Concen: 5.834 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

GBMX4MS

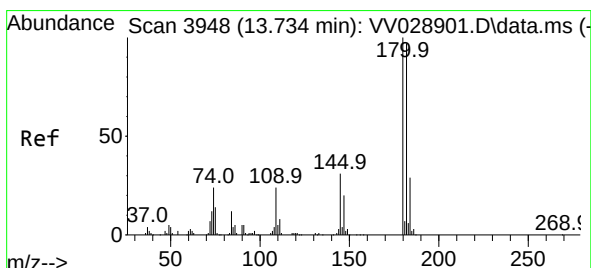
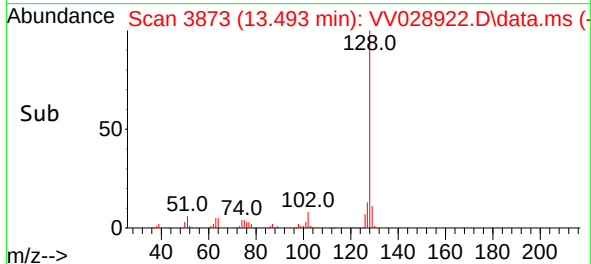
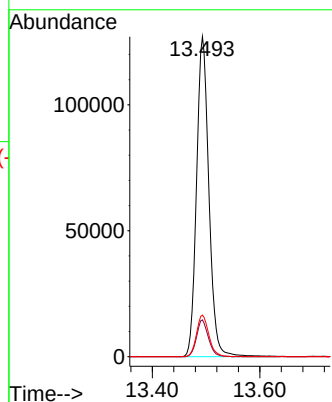
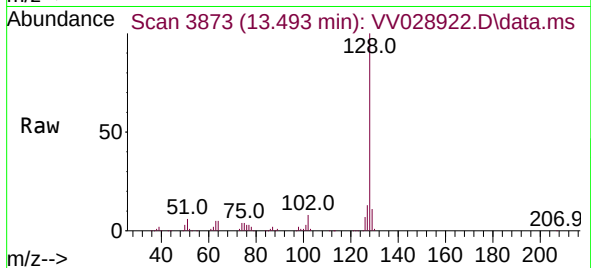
Tgt Ion:128 Resp: 202510

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.467 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VV028922.D

Acq: 12 Nov 2022 10:46

Tgt Ion:180 Resp: 124562

Ion Ratio Lower Upper

180 100

182 92.7 75.4 113.2

145 30.4 24.9 37.3

