

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101023\
 Data File : VW032365.D
 Acq On : 10 Oct 2023 10:38
 Operator : SY/MD
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 11 01:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 11 01:56:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	105408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	53644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42223	4.925	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.532	69	33388	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.060	65	16317	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.818	46	89474	41.259	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.520%
24) Chloroform-d	4.256	84	66569	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	4.947	65	32223	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	4.963	84	129952	3.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	5.992	67	40762	3.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.246	98	123730	3.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.561	79	14555	3.609	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.030	63	76174	40.145	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32016	4.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	45173	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	3435	0.292	ug/L	99
3) Chloromethane	1.217	50	3620	0.306	ug/L	93
5) Vinyl chloride	1.281	62	3247	0.287	ug/L #	55
6) Bromomethane	1.487	94	2039	0.299	ug/L	84
8) Chloroethane	1.548	64	2060	0.303	ug/L	90
9) Trichlorofluoromethane	1.716	101	3697	0.273	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	2839	0.346	ug/L	91
12) 1,1-Dichloroethene	2.069	96	2695	0.349	ug/L #	1
13) Acetone	2.143	43	4289	2.566	ug/L	64
14) Carbon disulfide	2.243	76	6270	0.232	ug/L	99
15) Methyl Acetate	2.400	43	1101	0.293	ug/L #	53
16) Methylene chloride	2.452	84	6284	0.623	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	4851	0.230	ug/L #	88
18) trans-1,2-Dichloroethene	2.696	96	2195	0.248	ug/L	94
19) 1,1-Dichloroethane	3.121	63	4568	0.274	ug/L	93
22) cis-1,2-Dichloroethene	3.828	96	2511	0.263	ug/L	85
23) Bromochloromethane	4.159	128	1165	0.290	ug/L	72
27) 1,2-Dichloroethane	5.059	62	2805	0.291	ug/L #	87
29) 1,1,1-Trichloroethane	4.513	97	3483	0.219	ug/L #	67

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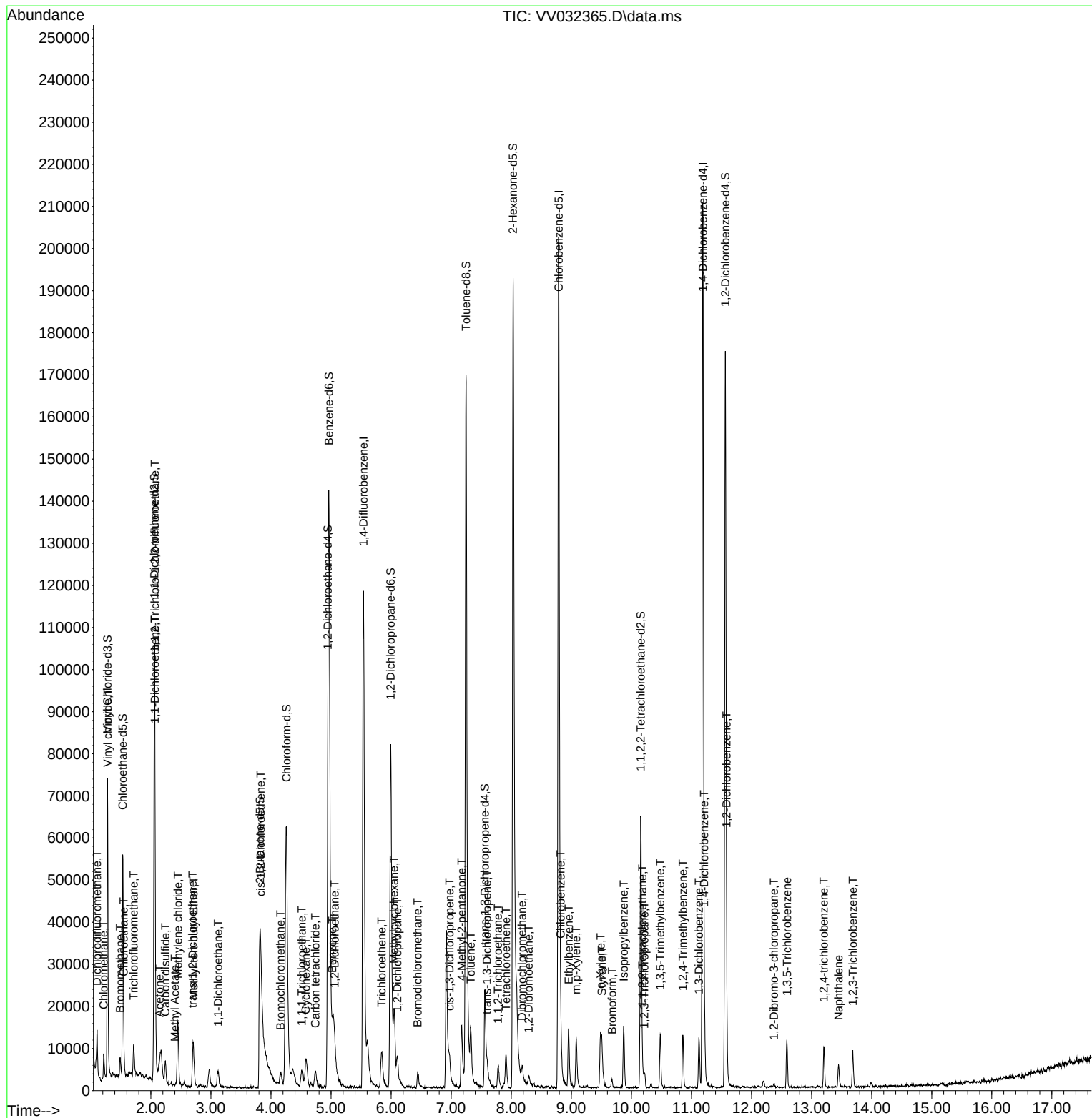
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.580	56	3396	0.195	ug/L	95
31) Carbon tetrachloride	4.738	117	2991	0.223	ug/L	98
33) Benzene	5.018	78	9288	0.226	ug/L	100
34) Trichloroethene	5.841	95	2839	0.253	ug/L	93
35) Methylcyclohexane	6.050	83	4037	0.233	ug/L #	93
37) 1,2-Dichloropropane	6.104	63	2563	0.233	ug/L #	87
38) Bromodichloromethane	6.442	83	3090	0.237	ug/L #	92
39) cis-1,3-Dichloropropene	6.976	75	2380	0.152	ug/L	88
40) 4-Methyl-2-pentanone	7.175	43	13642	1.961	ug/L #	82
42) Toluene	7.326	91	9251	0.211	ug/L	93
44) trans-1,3-Dichloropropene	7.596	75	2578	0.201	ug/L	95
45) 1,1,2-Trichloroethane	7.780	97	1880	0.242	ug/L	99
47) Tetrachloroethene	7.915	164	2082	0.245	ug/L	85
49) Dibromochloromethane	8.181	129	1758	0.218	ug/L	92
50) 1,2-Dibromoethane	8.291	107	1608	0.219	ug/L #	94
51) Chlorobenzene	8.821	112	6333	0.225	ug/L	99
52) Ethylbenzene	8.956	91	9868	0.202	ug/L	99
53) m,p-Xylene	9.082	106	3430	0.190	ug/L	93
54) o-Xylene	9.487	106	3433	0.197	ug/L	92
55) Styrene	9.509	104	5336	0.181	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	2285	0.268	ug/L #	92
59) Bromoform	9.677	173	932	0.239	ug/L #	93
60) Isopropylbenzene	9.873	105	9465	0.227	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	1491	0.261	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.480	105	6693	0.197	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	6770	0.200	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	4891	0.246	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	5256	0.263	ug/L	95
67) 1,2-Dichlorobenzene	11.583	146	4723	0.260	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	271	0.232	ug/L #	62
69) 1,3,5-Trichlorobenzene	12.590	180	3423	0.235	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	2786	0.215	ug/L	95
71) Naphthalene	13.448	128	4517	0.206	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.686	180	2558	0.229	ug/L	96

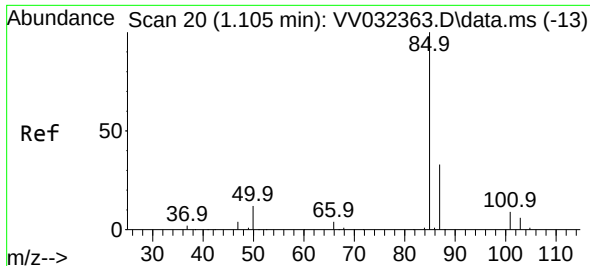
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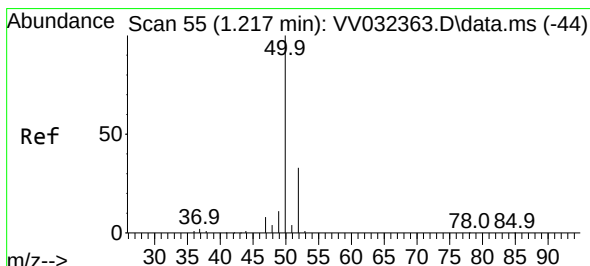
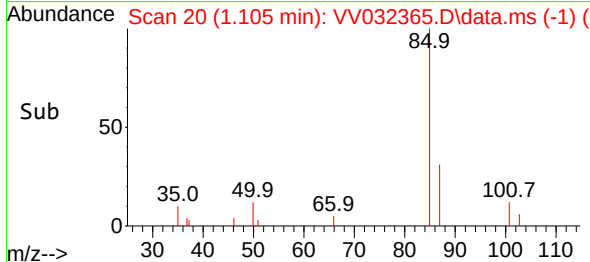
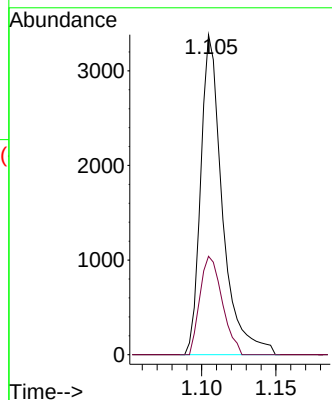
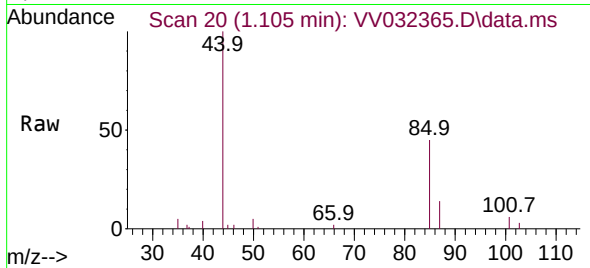




#2
 Dichlorodifluoromethane
 Concen: 0.292 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

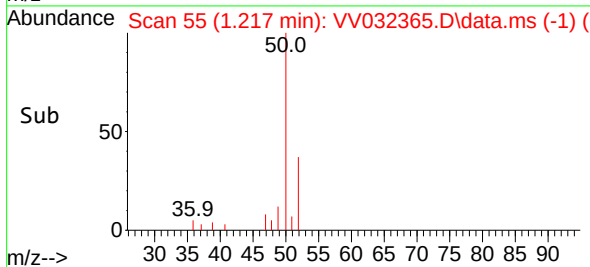
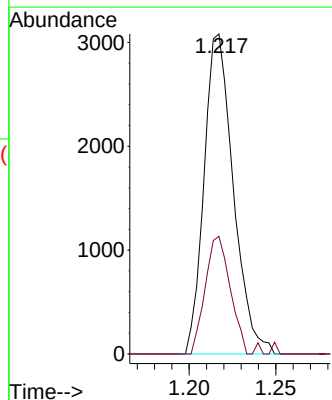
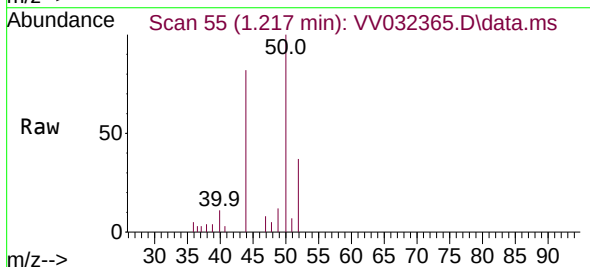
Instrument :
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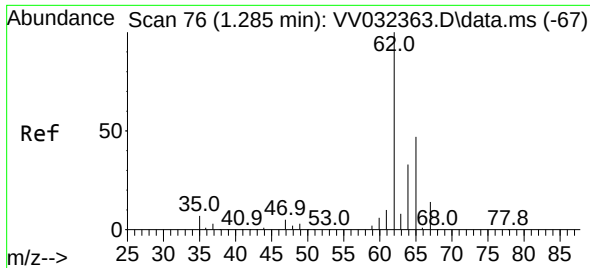
Tgt Ion: 85 Resp: 3435
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.5 38.3



#3
 Chloromethane
 Concen: 0.306 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

Tgt Ion: 50 Resp: 3620
 Ion Ratio Lower Upper
 50 100
 52 36.8 23.0 42.6

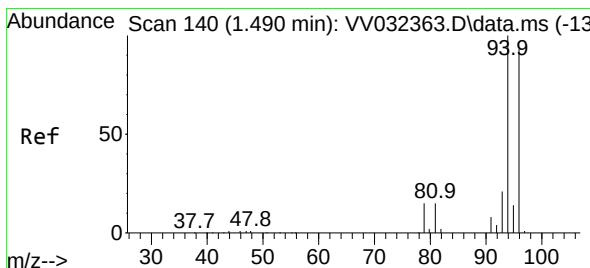
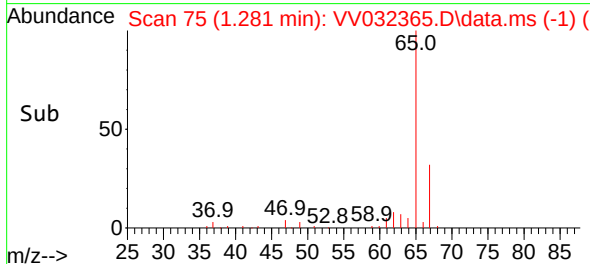
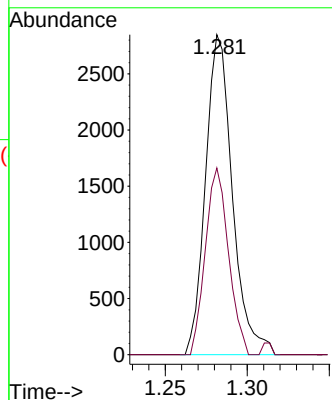
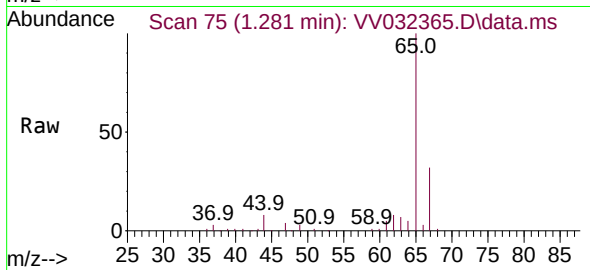




#5
 Vinyl chloride
 Concen: 0.287 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

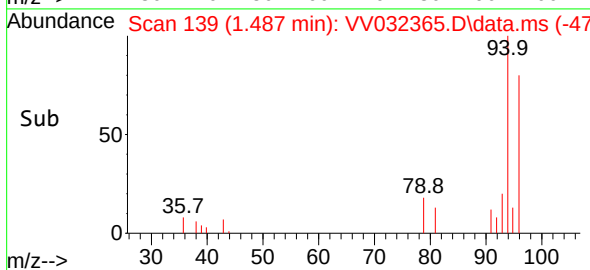
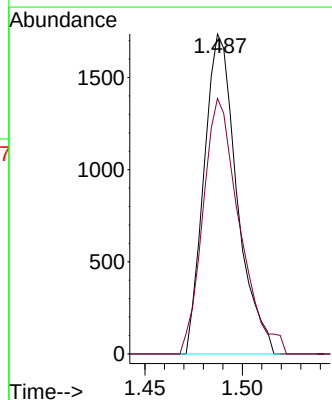
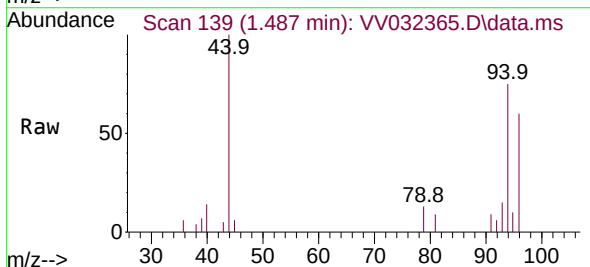
Instrument :
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 ClientSampleId :

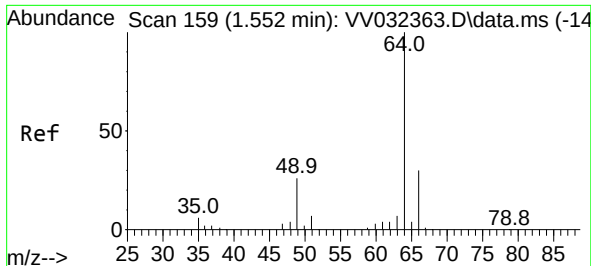
Tgt Ion: 62 Resp: 3247
 Ion Ratio Lower Upper
 62 100
 64 58.4 23.1 42.9#



#6
 Bromomethane
 Concen: 0.299 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

Tgt Ion: 94 Resp: 2039
 Ion Ratio Lower Upper
 94 100
 96 79.8 66.8 124.2





#8

Chloroethane

Concen: 0.303 ug/L

RT: 1.548 min Scan# 11

Delta R.T. -0.003 min MSVOA_V

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

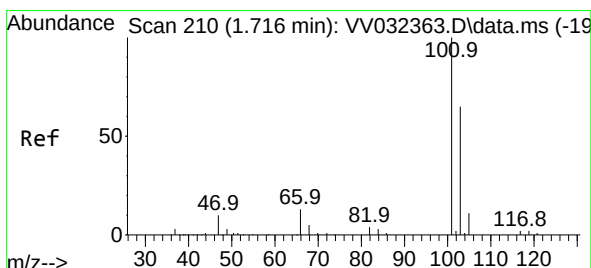
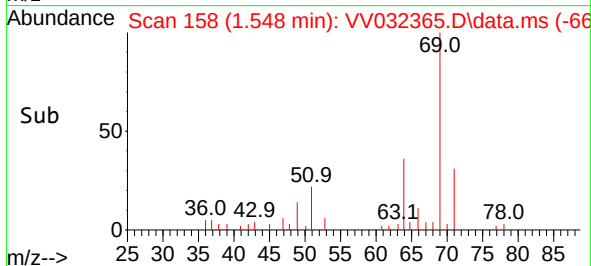
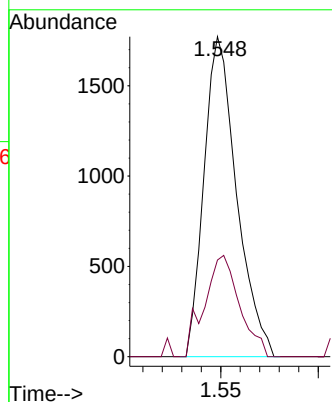
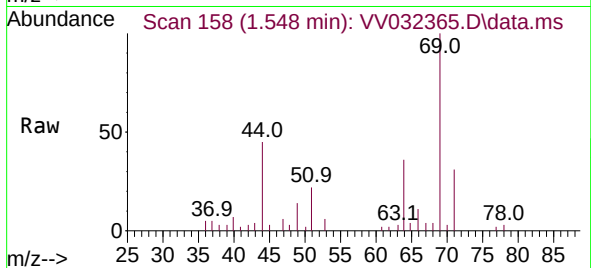
ClientSampleId :

Tgt Ion: 64 Resp: 2060

Ion Ratio Lower Upper

64 100

66 26.9 22.6 42.0



#9

Trichlorofluoromethane

Concen: 0.273 ug/L

RT: 1.716 min Scan# 210

Delta R.T. -0.000 min

Lab File: VV032365.D

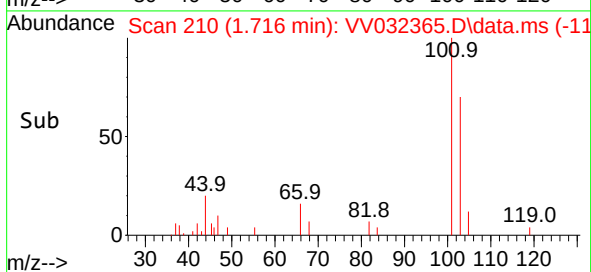
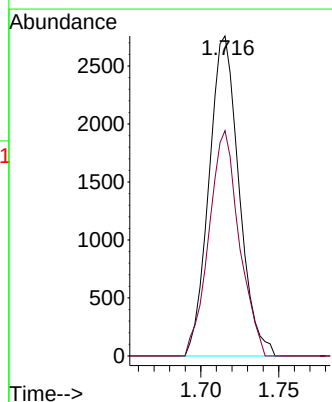
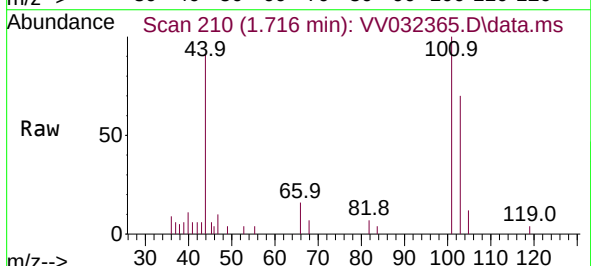
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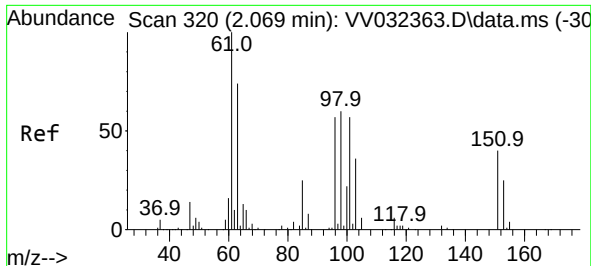
Tgt Ion: 101 Resp: 3697

Ion Ratio Lower Upper

101 100

103 71.0 51.4 77.2

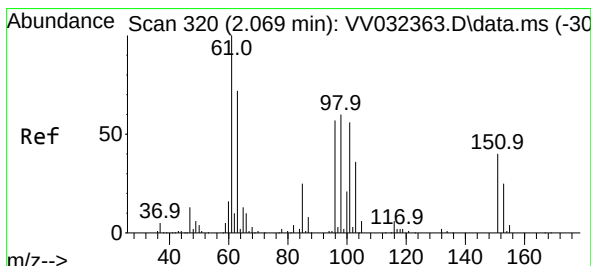
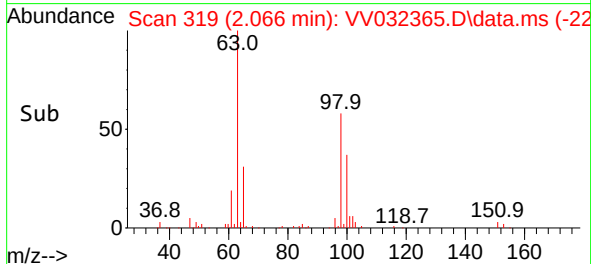
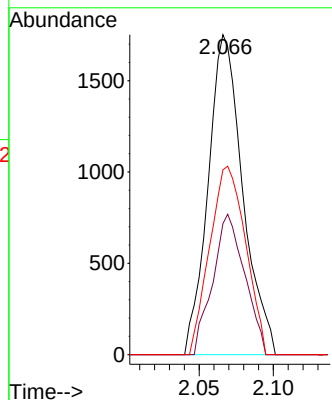
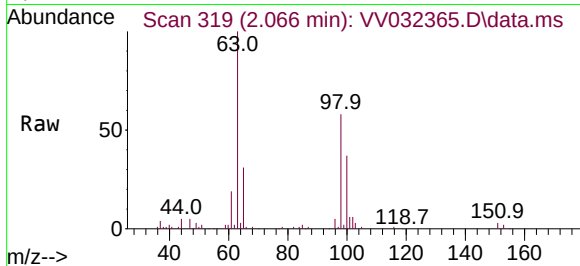




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.346 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

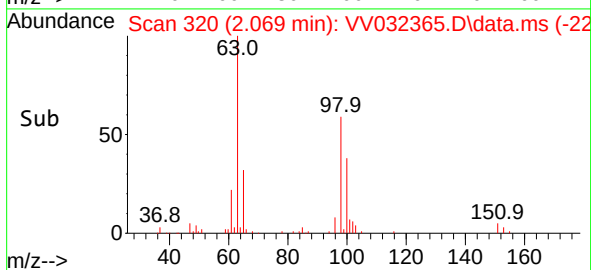
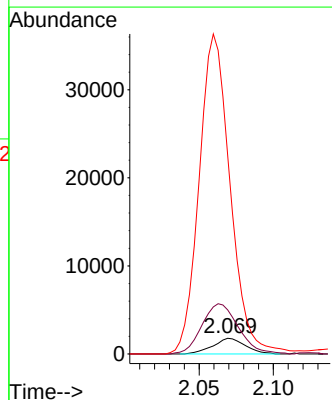
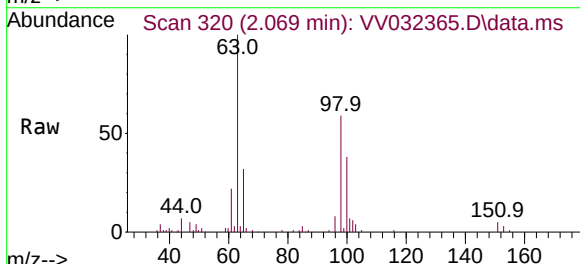
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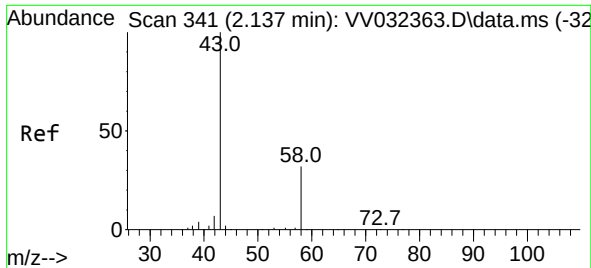
Tgt Ion:101 Resp: 2839
 Ion Ratio Lower Upper
 101 100
 85 40.5 35.0 52.6
 151 61.1 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 0.349 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
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Tgt Ion: 96 Resp: 2695
 Ion Ratio Lower Upper
 96 100
 61 281.2 127.3 236.3#
 63 1266.9 98.3 182.7#





#13

Acetone

Concen: 2.566 ug/L

RT: 2.143 min Scan# 341

Delta R.T. 0.006 min

Lab File: VV032365.D

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Instrument :

MSVOA_V

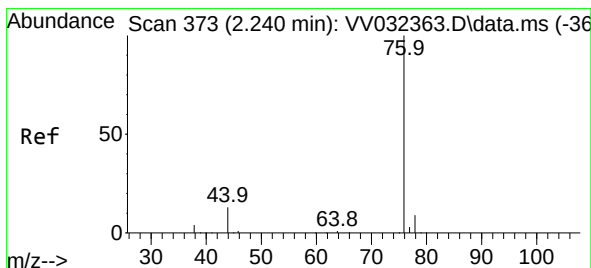
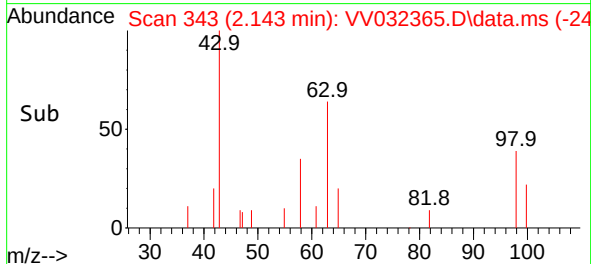
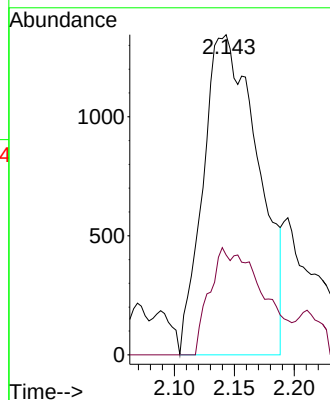
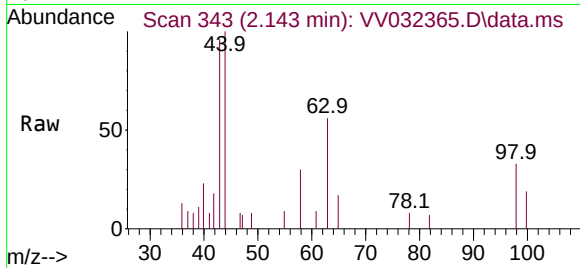
ClientSampleId :

Tgt Ion: 43 Resp: 4289

Ion Ratio Lower Upper

43 100

58 12.7 0.0 66.0



#14

Carbon disulfide

Concen: 0.232 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032365.D

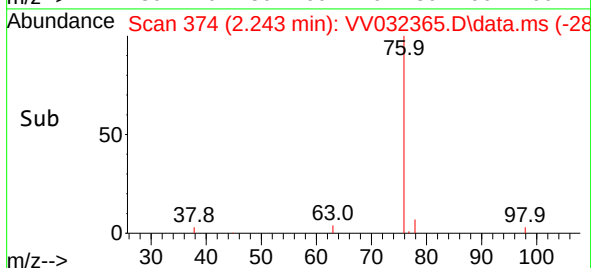
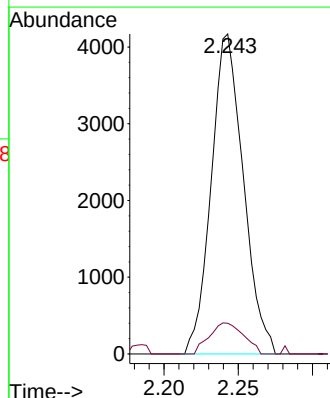
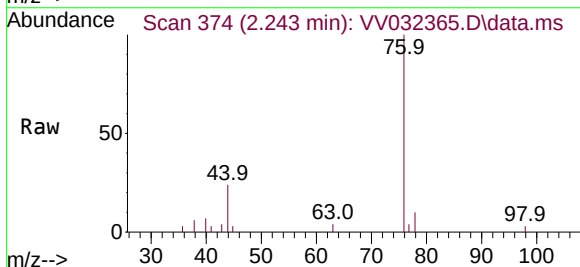
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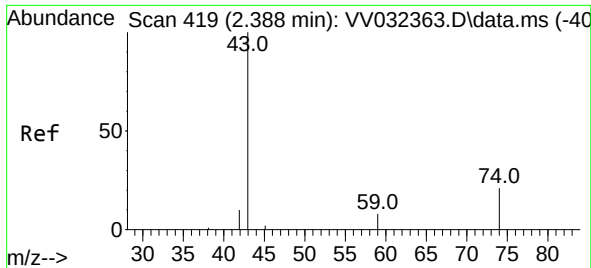
Tgt Ion: 76 Resp: 6270

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

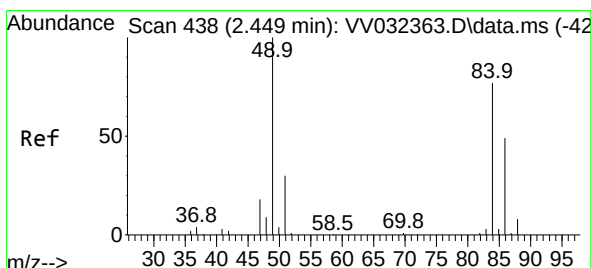
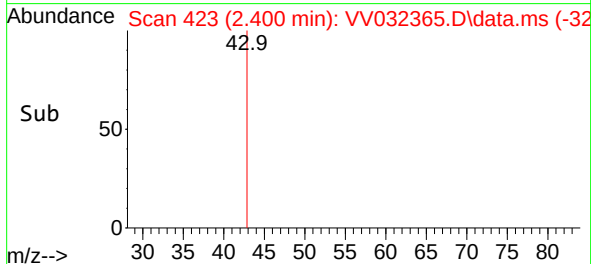
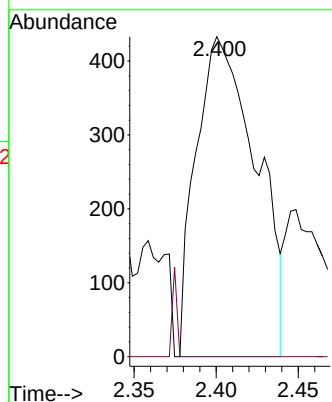
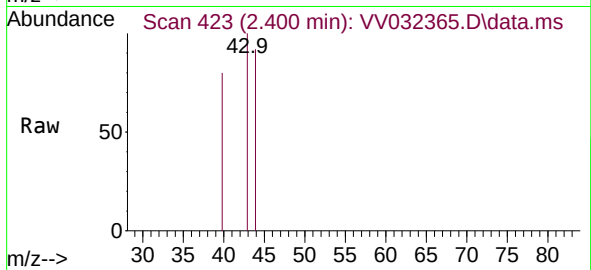




#15
Methyl Acetate
Concen: 0.293 ug/L
RT: 2.400 min Scan# 419
Delta R.T. 0.013 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

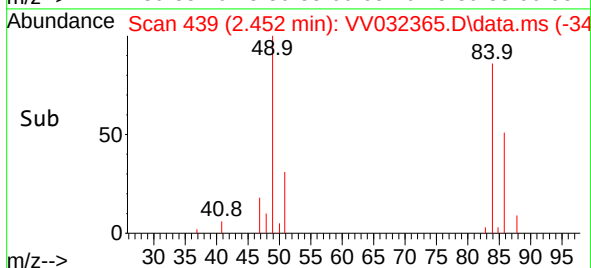
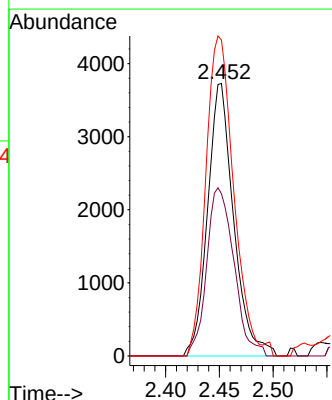
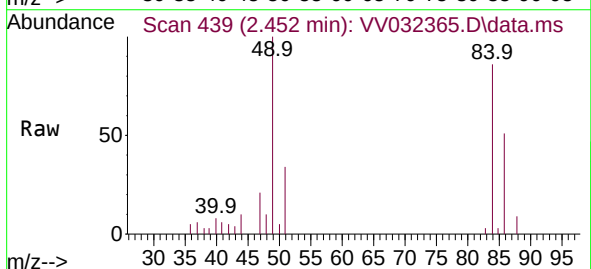
Instrument :
MSVOA_V
ClientSampleId :

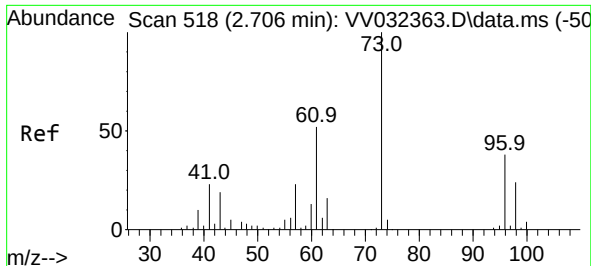
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#16
Methylene chloride
Concen: 0.623 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion: 84 Resp: 6284
Ion Ratio Lower Upper
84 100
86 59.6 43.2 80.2
49 115.9 86.3 160.3

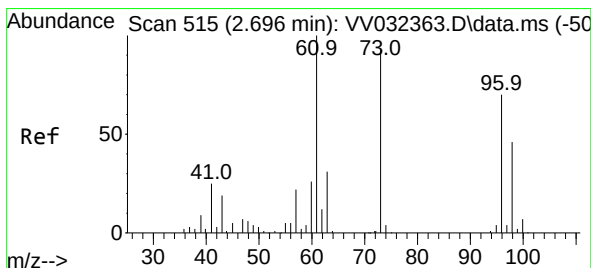
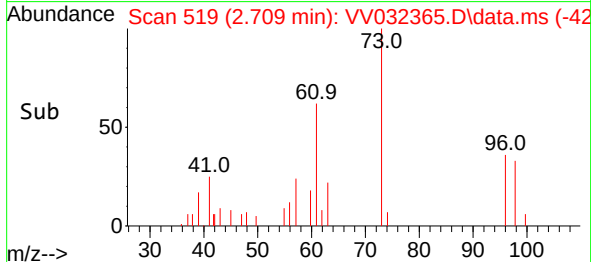
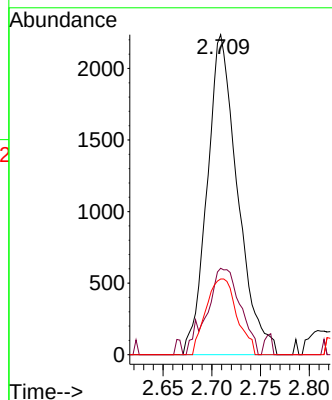
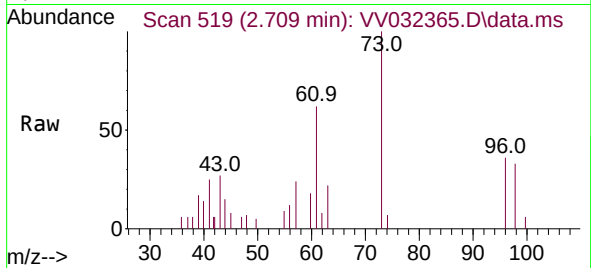




#17
Methyl tert-butyl Ether
Concen: 0.230 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

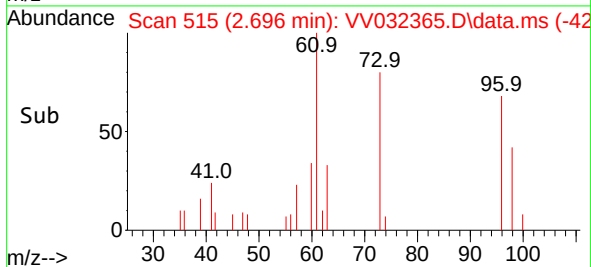
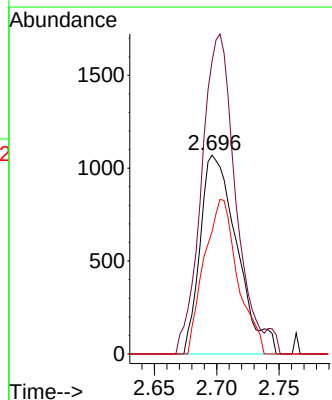
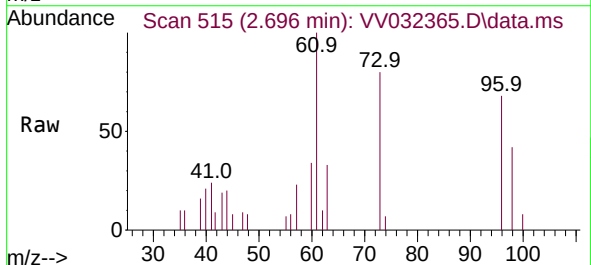
Instrument :
MSVOA_V
ClientSampleId :

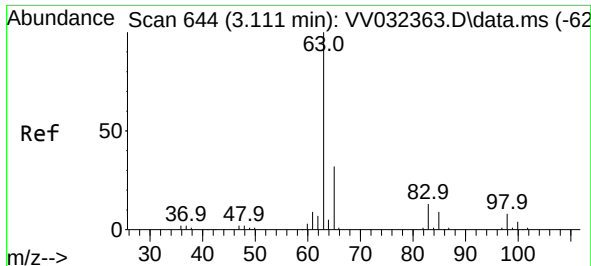
Tgt Ion: 73 Resp: 4851
Ion Ratio Lower Upper
73 100
43 29.6 15.1 22.7#
57 24.0 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 0.248 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion: 96 Resp: 2195
Ion Ratio Lower Upper
96 100
61 147.3 96.9 180.1
98 61.5 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.274 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

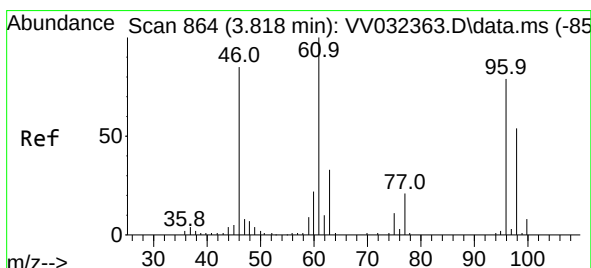
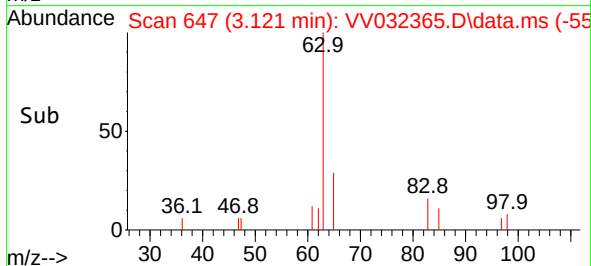
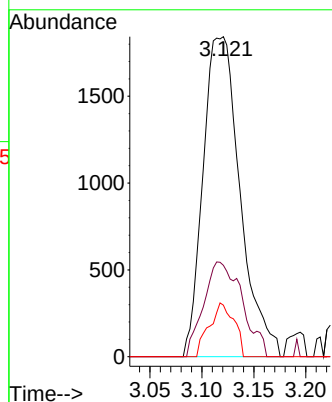
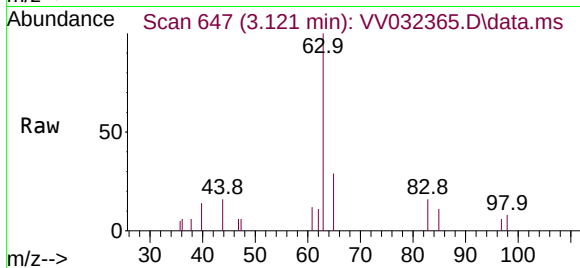
Tgt Ion: 63 Resp: 4568

Ion Ratio Lower Upper

63 100

65 28.5 22.3 41.5

83 16.1 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 0.263 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.010 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

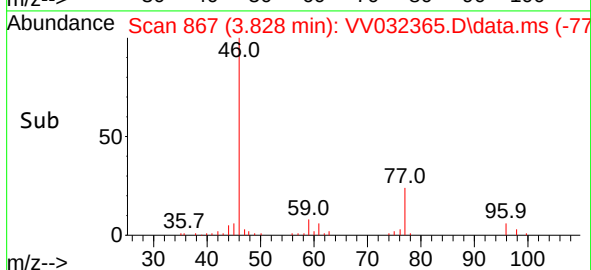
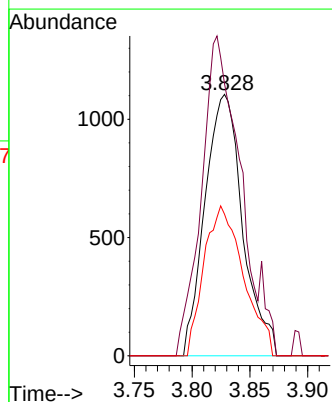
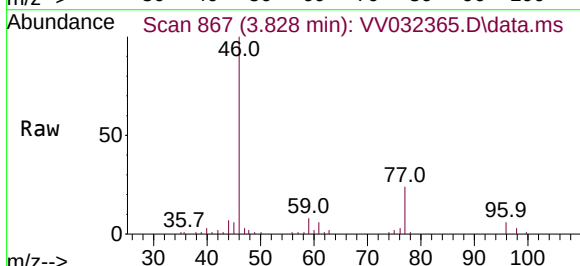
Tgt Ion: 96 Resp: 2511

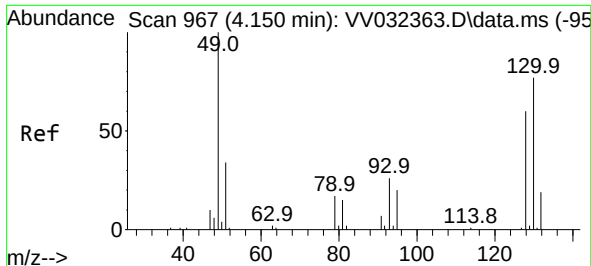
Ion Ratio Lower Upper

96 100

61 104.1 85.8 159.4

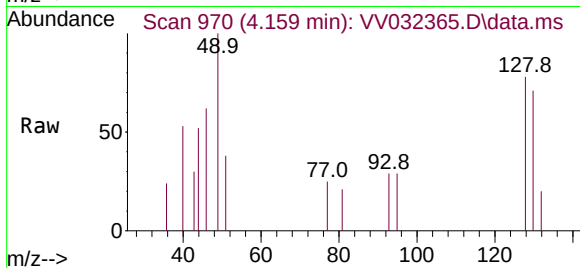
98 54.2 44.0 81.6



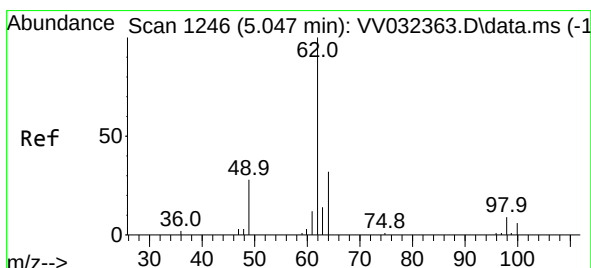
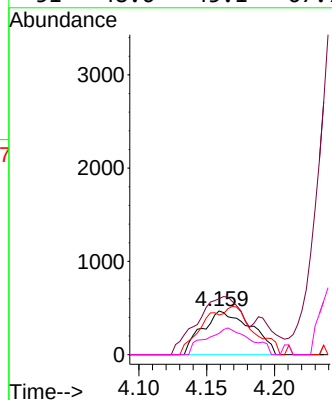
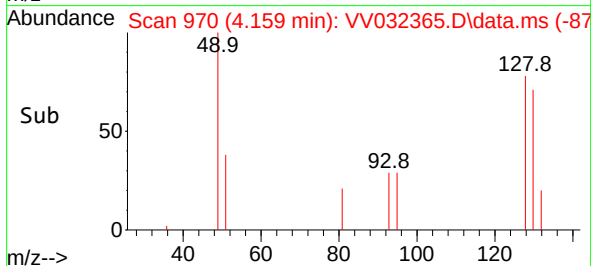


#23
Bromochloromethane
Concen: 0.290 ug/L
RT: 4.159 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :

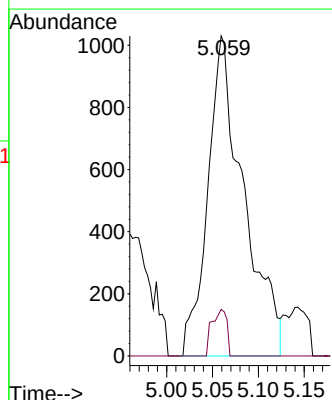
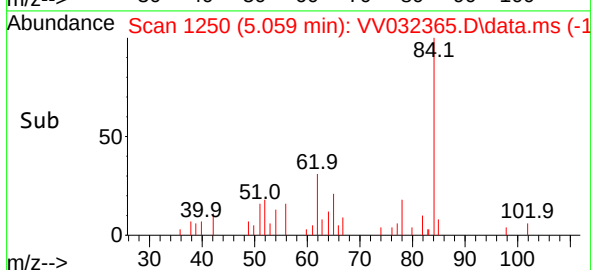
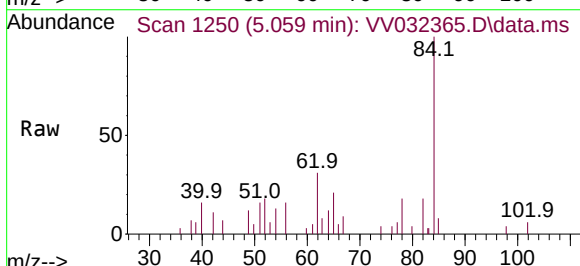


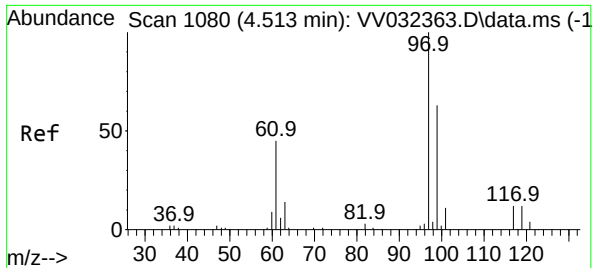
Tgt Ion:128 Resp: 1165
Ion Ratio Lower Upper
128 100
49 127.9 121.2 225.0
130 90.8 88.2 163.8
51 48.6 45.1 67.7



#27
1,2-Dichloroethane
Concen: 0.291 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. 0.013 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion: 62 Resp: 2805
Ion Ratio Lower Upper
62 100
98 14.6 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.219 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

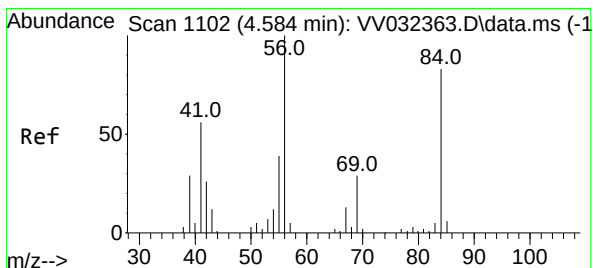
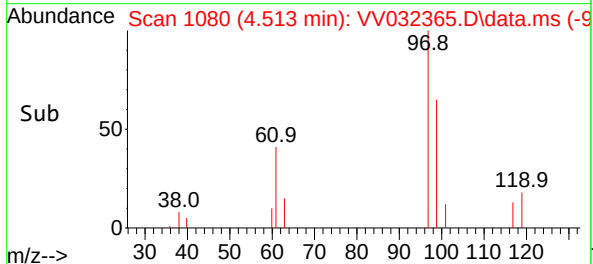
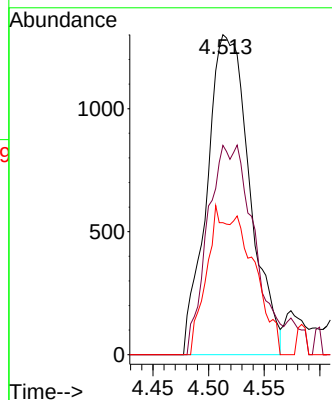
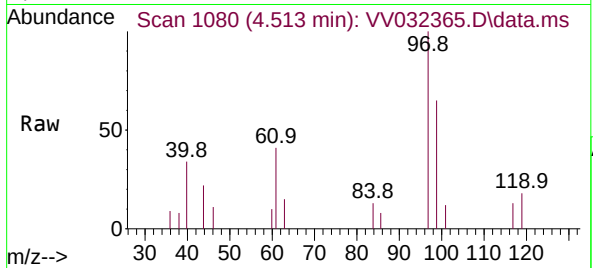
Tgt Ion: 97 Resp: 3483

Ion Ratio Lower Upper

97 100

99 35.6 50.1 75.1#

61 24.3 35.1 52.7#



#30

Cyclohexane

Concen: 0.195 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

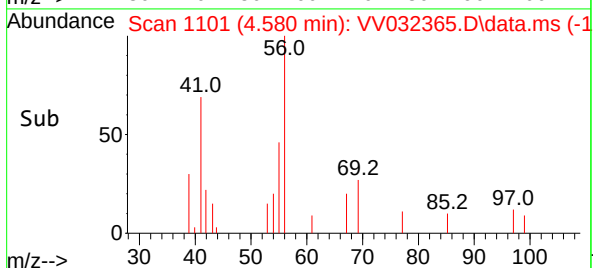
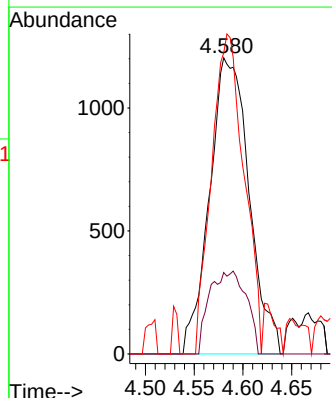
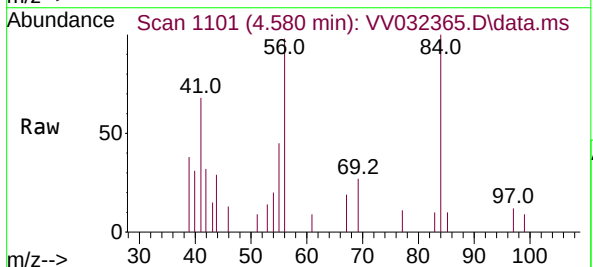
Tgt Ion: 56 Resp: 3396

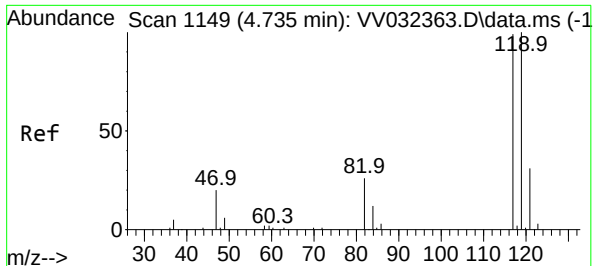
Ion Ratio Lower Upper

56 100

69 25.9 24.2 36.2

84 88.6 68.1 102.1

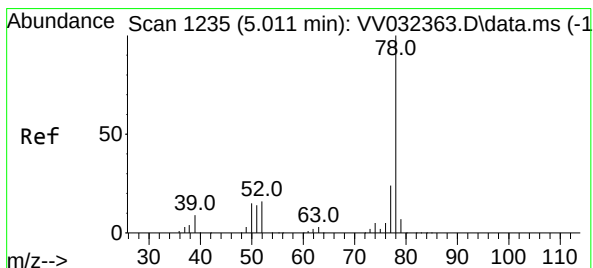
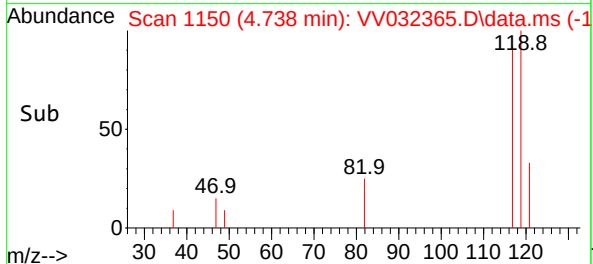
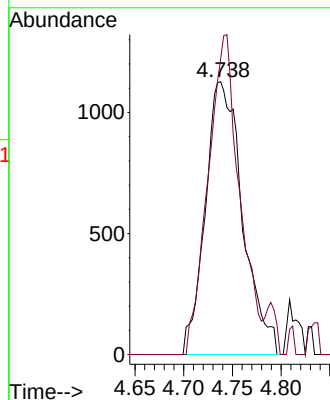
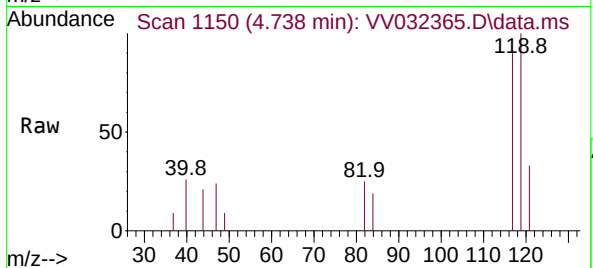




#31
Carbon tetrachloride
Concen: 0.223 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

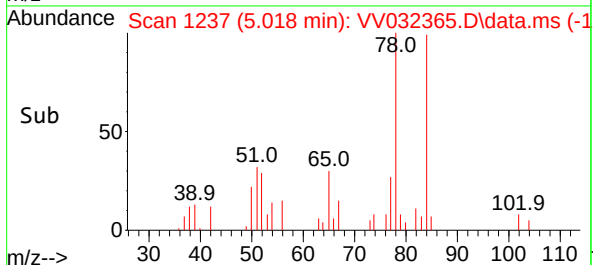
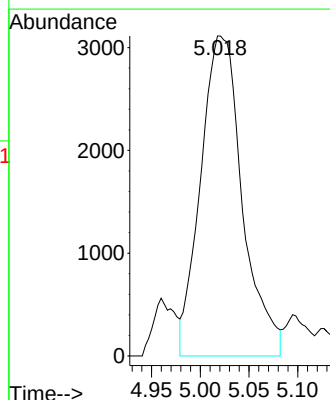
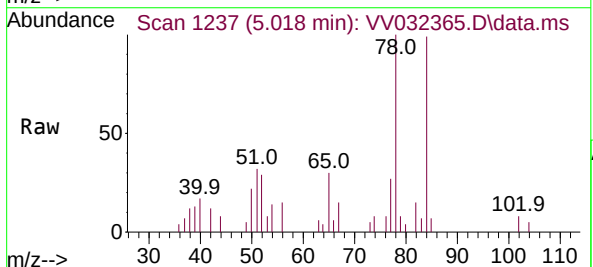
Instrument :
MSVOA_V
ClientSampleId :

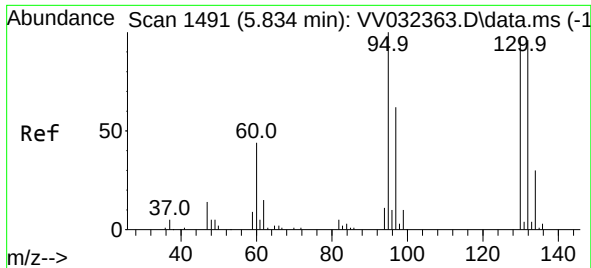
Tgt Ion:117 Resp: 2991
Ion Ratio Lower Upper
117 100
119 99.0 77.6 116.4



#33
Benzene
Concen: 0.226 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion: 78 Resp: 9288



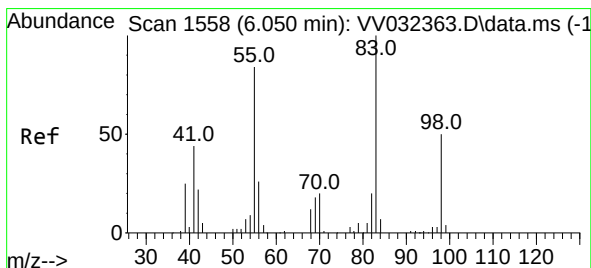
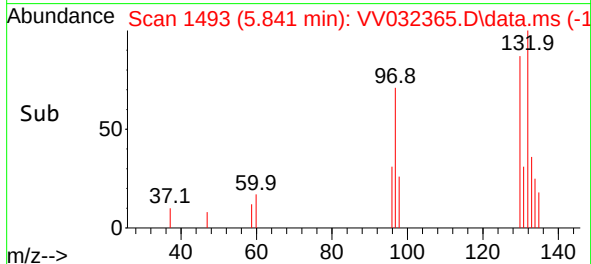
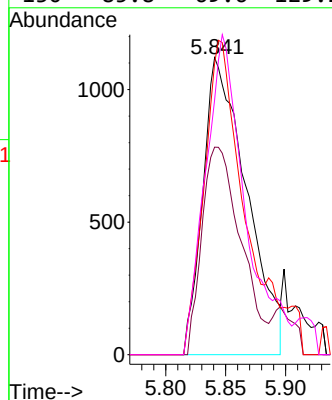
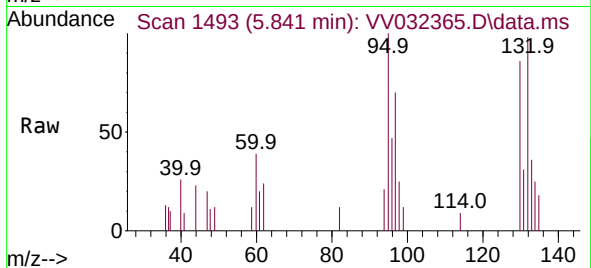


#34
Trichloroethene
Concen: 0.253 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2839

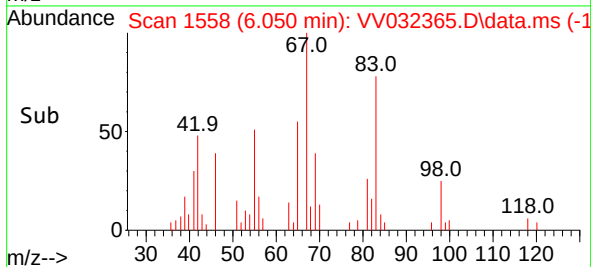
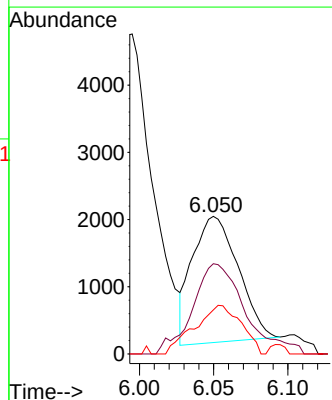
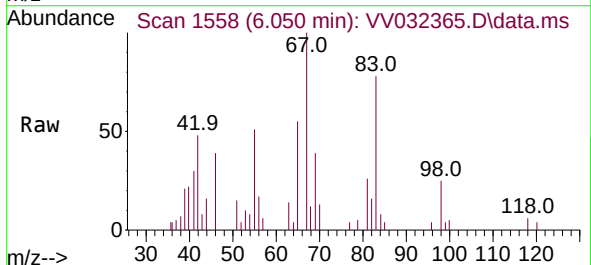
Ion	Ratio	Lower	Upper
95	100		
97	69.9	45.7	84.9
132	98.1	70.3	130.5
130	85.8	69.6	129.2

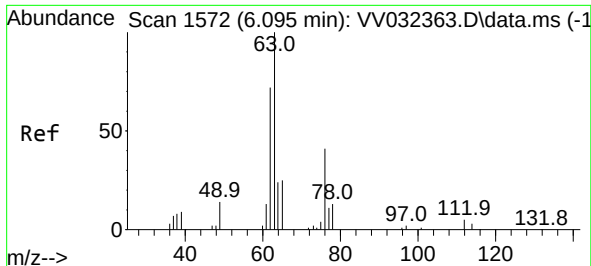


#35
Methylcyclohexane
Concen: 0.233 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion: 83 Resp: 4037

Ion	Ratio	Lower	Upper
83	100		
55	81.5	64.2	96.2
98	39.1	39.6	59.4





#37

1,2-Dichloropropane

Concen: 0.233 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

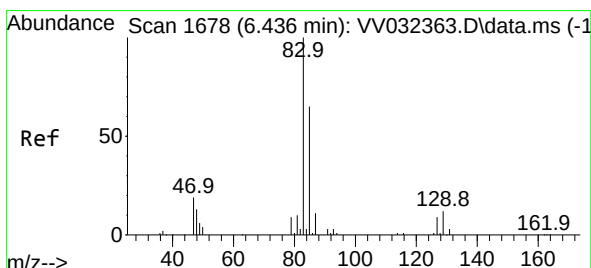
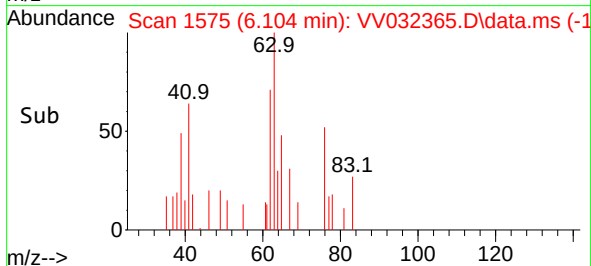
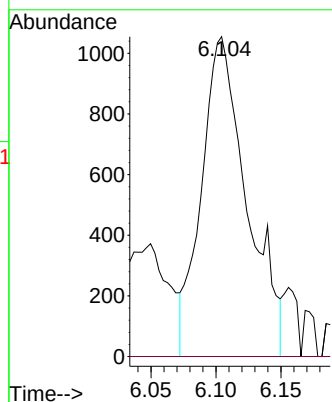
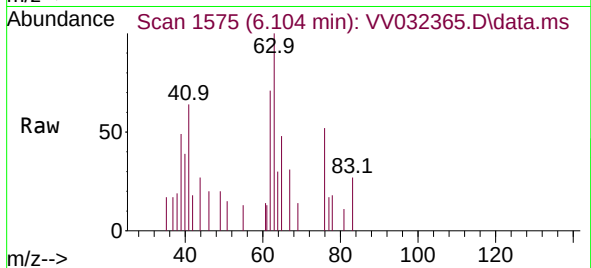
ClientSampleId :

Tgt Ion: 63 Resp: 2563

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.237 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

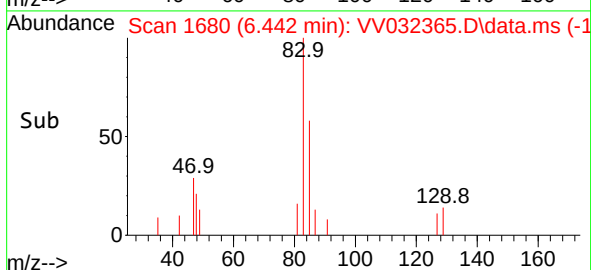
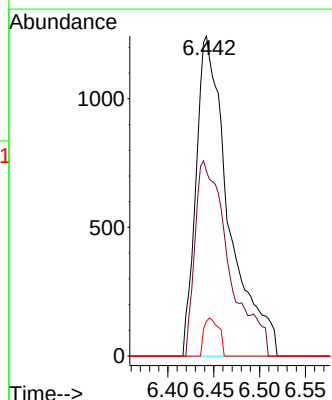
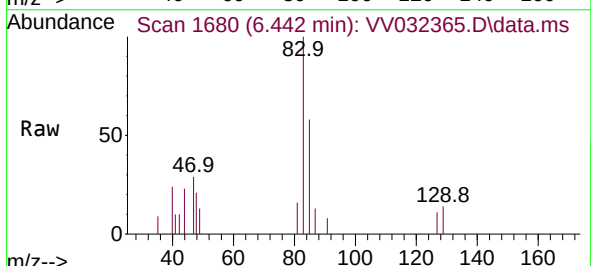
Tgt Ion: 83 Resp: 3090

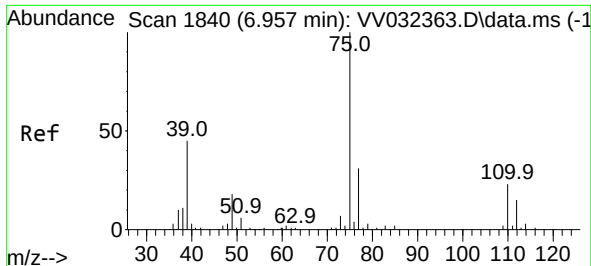
Ion Ratio Lower Upper

83 100

85 57.7 44.9 83.3

127 10.9 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 0.152 ug/L

RT: 6.976 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

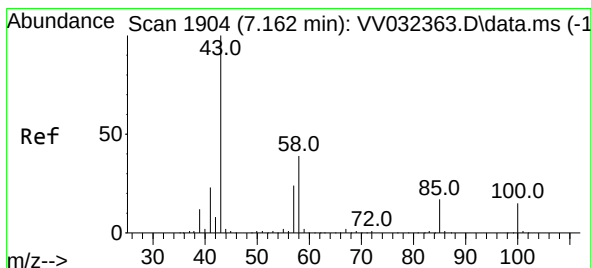
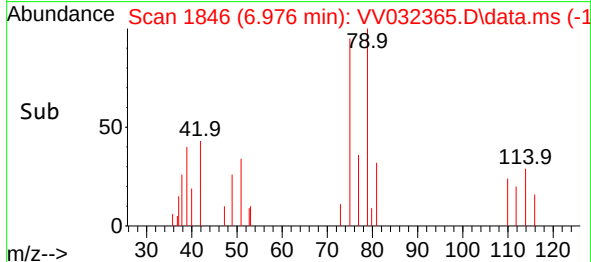
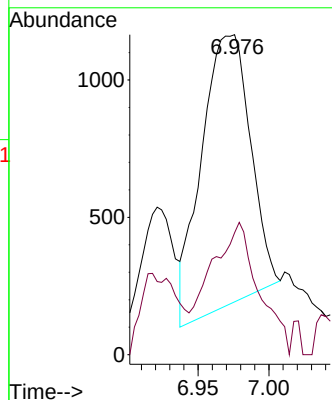
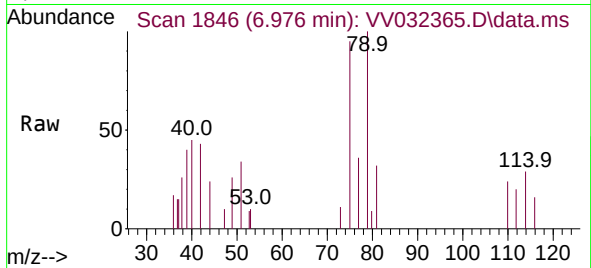
ClientSampleId :

Tgt Ion: 75 Resp: 2380

Ion Ratio Lower Upper

75 100

77 38.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 1.961 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.013 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

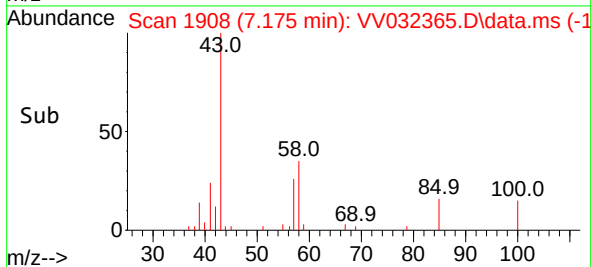
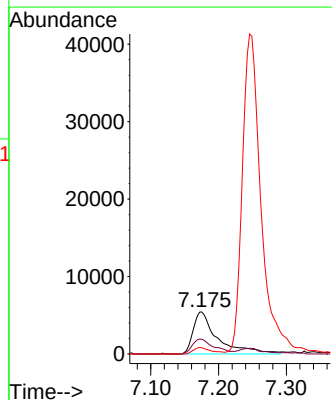
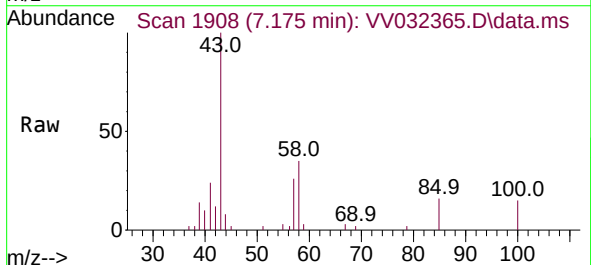
Tgt Ion: 43 Resp: 13642

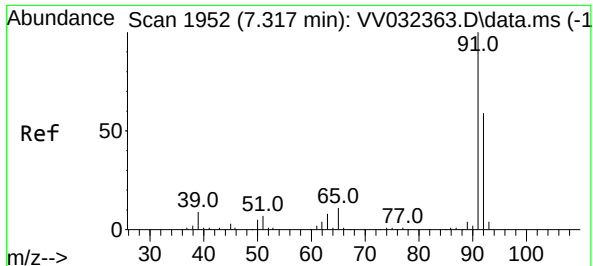
Ion Ratio Lower Upper

43 100

58 32.0 31.9 47.9

100 0.0 11.3 16.9#





#42

Toluene

Concen: 0.211 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

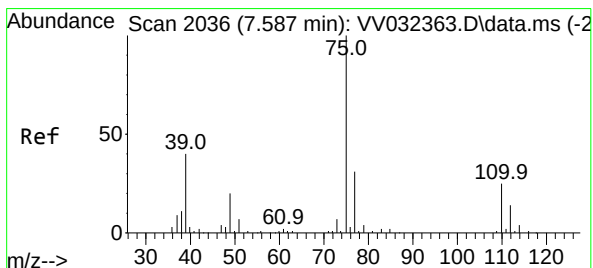
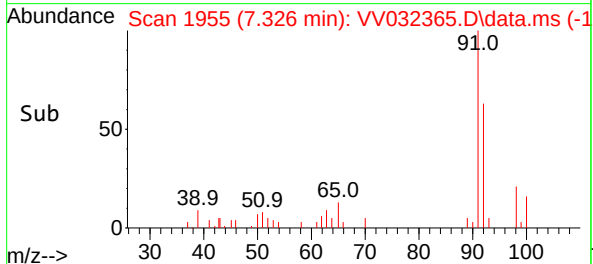
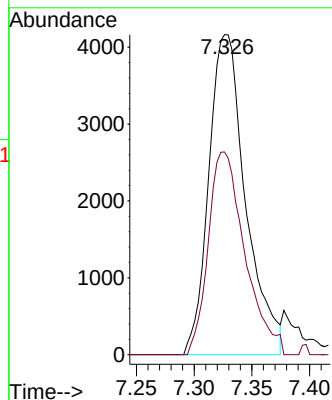
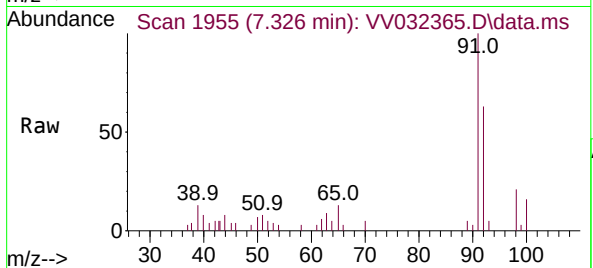
ClientSampleId :

Tgt Ion: 91 Resp: 9251

Ion Ratio Lower Upper

91 100

92 63.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.201 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.010 min

Lab File: VV032365.D

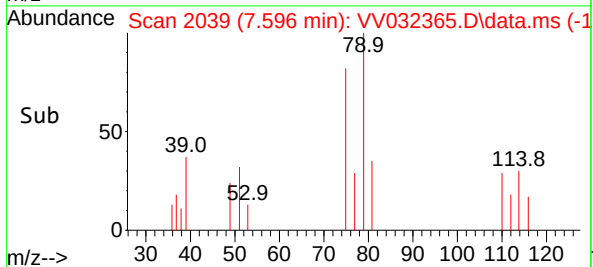
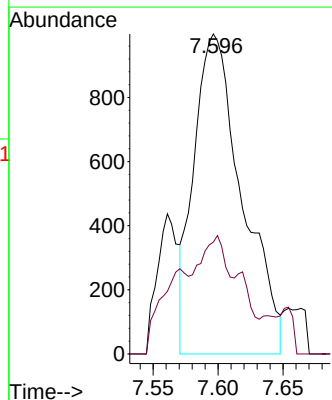
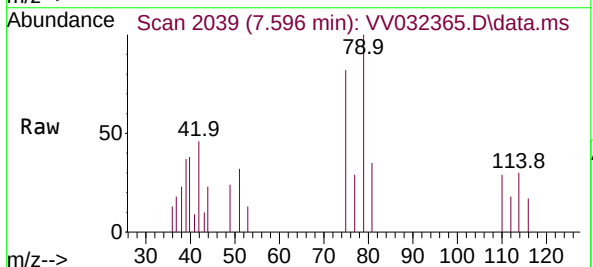
Acq: 10 Oct 2023 10:38

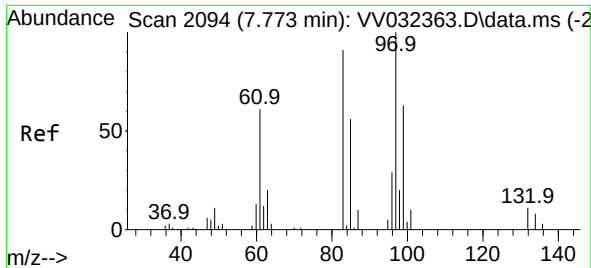
Tgt Ion: 75 Resp: 2578

Ion Ratio Lower Upper

75 100

77 35.0 22.5 41.7



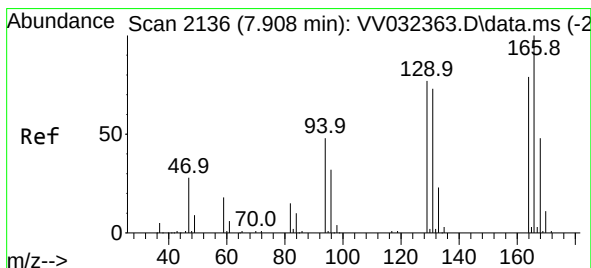
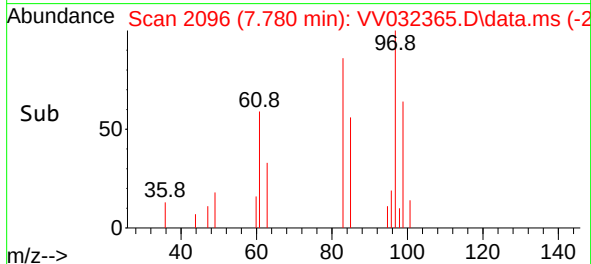
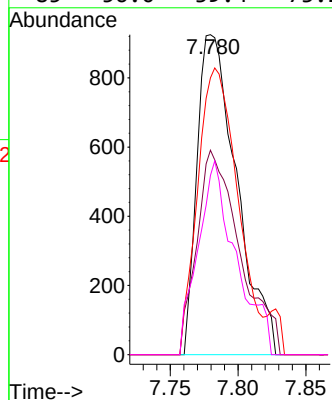
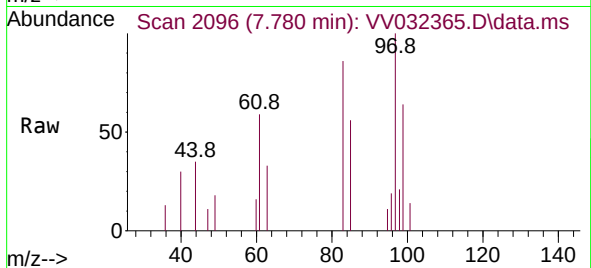


#45
1,1,2-Trichloroethane
Concen: 0.242 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 1880

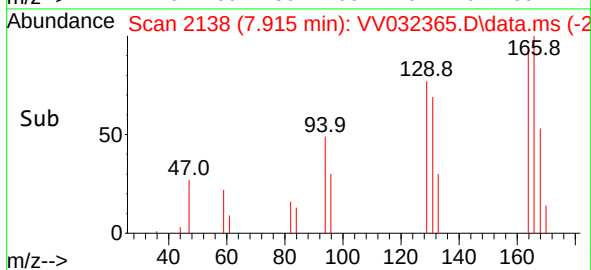
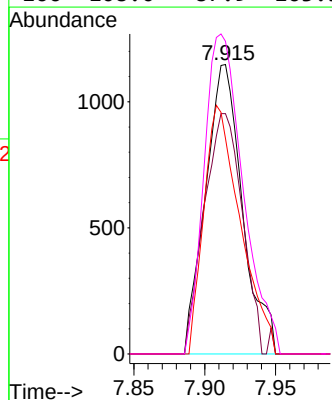
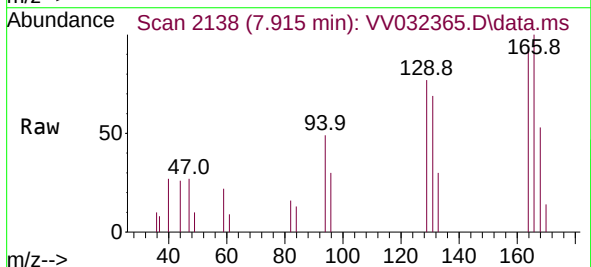
Ion	Ratio	Lower	Upper
97	100		
99	63.9	42.8	79.4
83	86.5	60.9	113.1
85	56.0	39.4	73.2

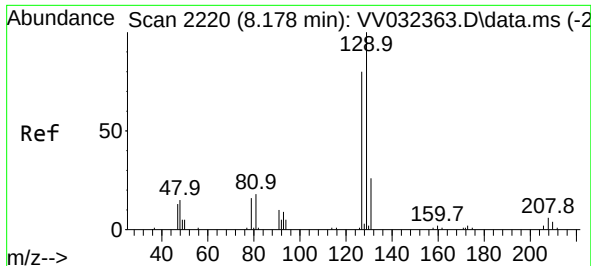


#47
Tetrachloroethene
Concen: 0.245 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion: 164 Resp: 2082

Ion	Ratio	Lower	Upper
164	100		
129	83.0	66.4	123.4
131	74.5	63.7	118.3
166	108.0	87.9	163.3





#49

Dibromochloromethane

Concen: 0.218 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

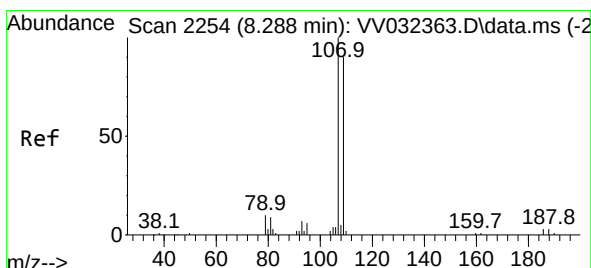
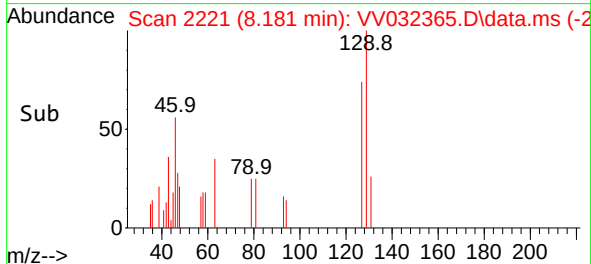
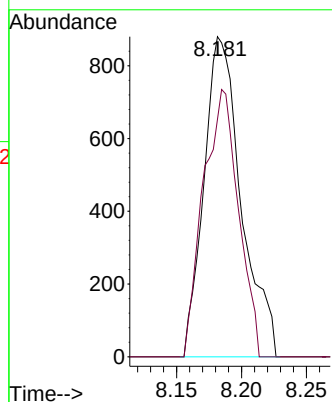
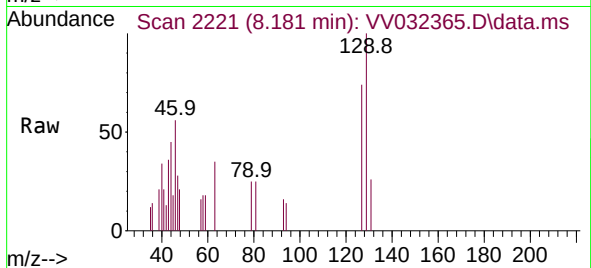
ClientSampleId :

Tgt Ion:129 Resp: 1758

Ion Ratio Lower Upper

129 100

127 74.2 57.2 106.2



#50

1,2-Dibromoethane

Concen: 0.219 ug/L

RT: 8.291 min Scan# 2255

Delta R.T. 0.003 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

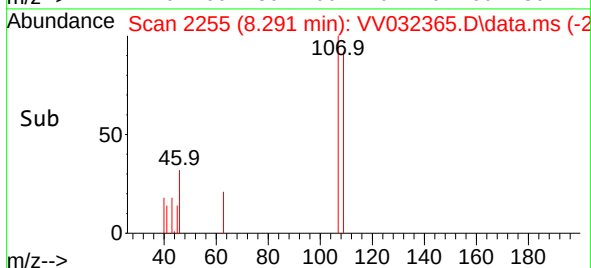
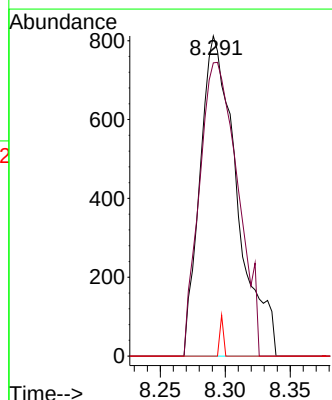
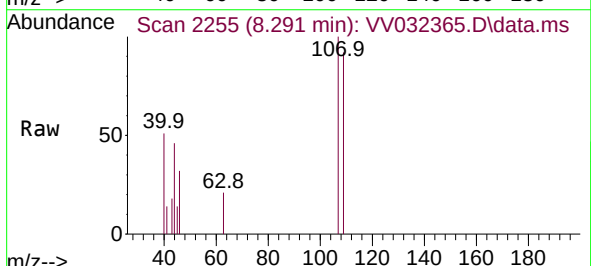
Tgt Ion:107 Resp: 1608

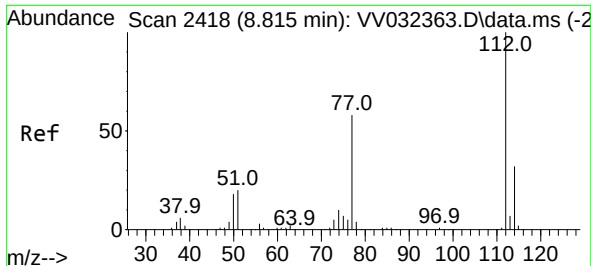
Ion Ratio Lower Upper

107 100

109 91.6 68.4 127.0

188 0.0 3.2 4.8#

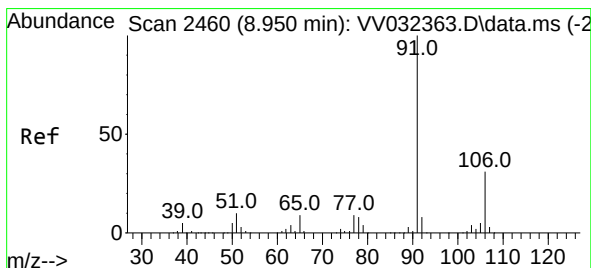
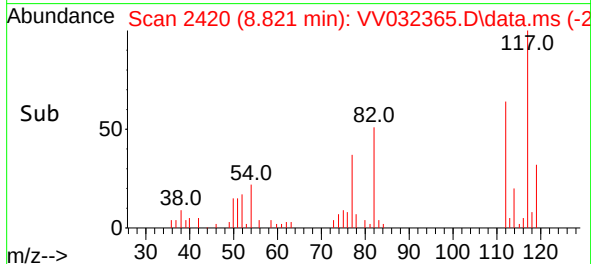
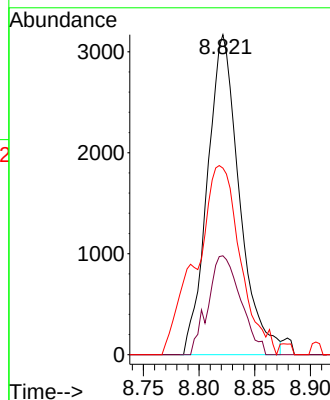
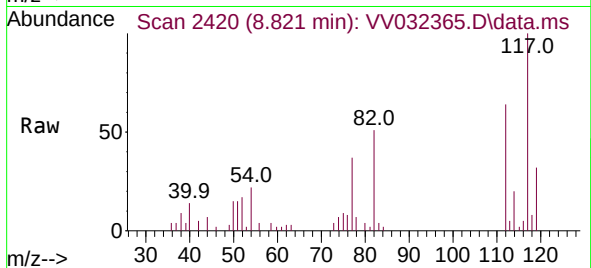




#51
Chlorobenzene
Concen: 0.225 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

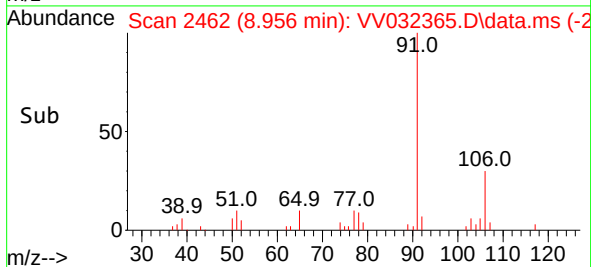
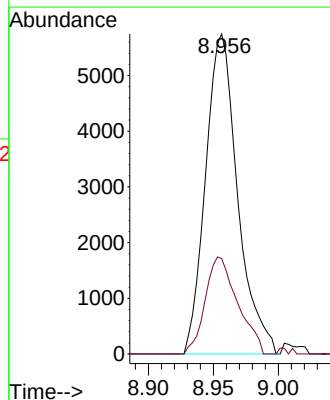
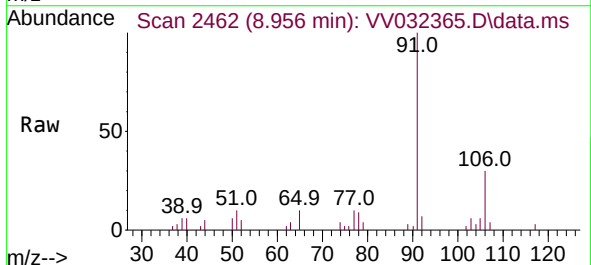
Instrument :
MSVOA_V
ClientSampleId :

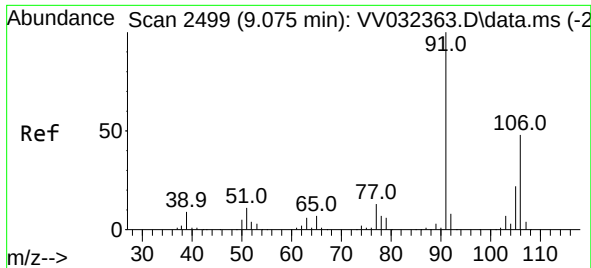
Tgt Ion:112 Resp: 6333
Ion Ratio Lower Upper
112 100
114 30.9 22.1 41.1
77 58.3 46.1 69.1



#52
Ethylbenzene
Concen: 0.202 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion: 91 Resp: 9868
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5

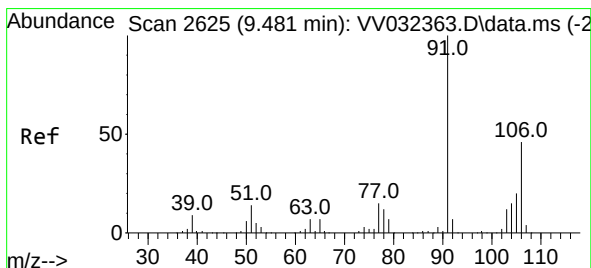
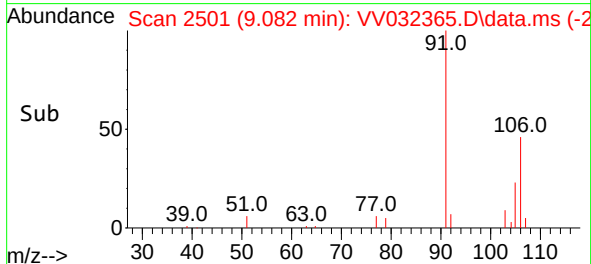
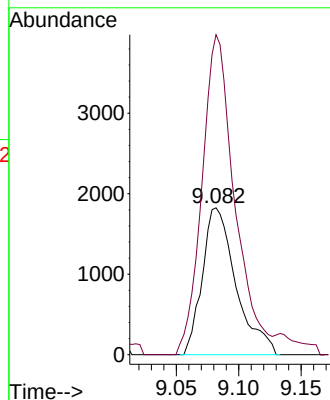
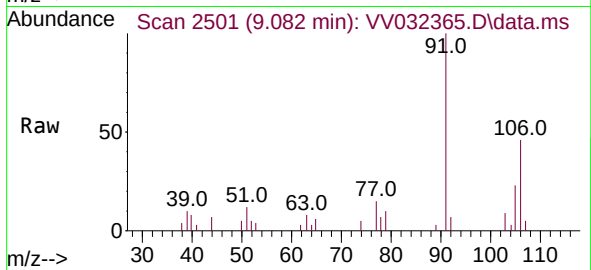




#53
m,p-Xylene
Concen: 0.190 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

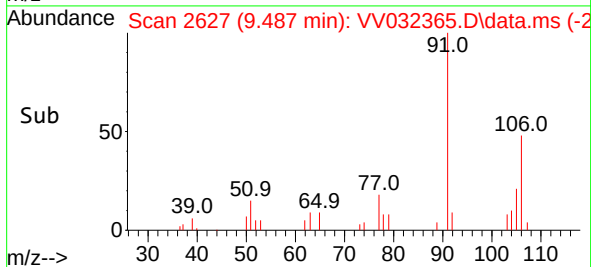
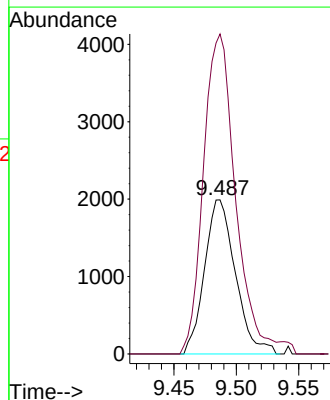
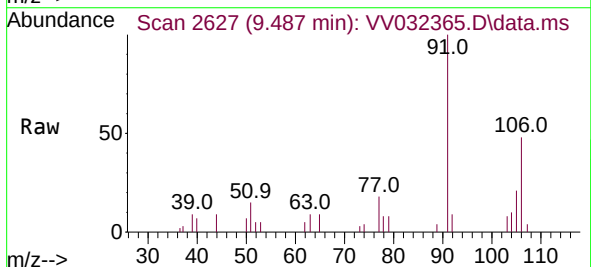
Instrument :
MSVOA_V
ClientSampleId :

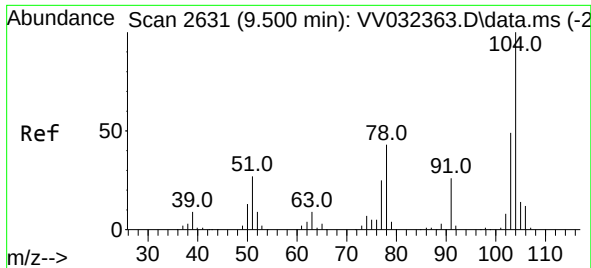
Tgt Ion:106 Resp: 3430
Ion Ratio Lower Upper
106 100
91 217.7 144.5 268.3



#54
o-Xylene
Concen: 0.197 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion:106 Resp: 3433
Ion Ratio Lower Upper
106 100
91 207.6 154.8 287.4

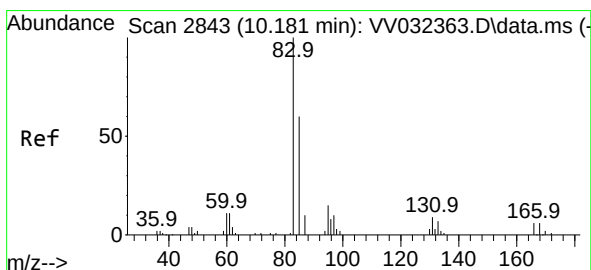
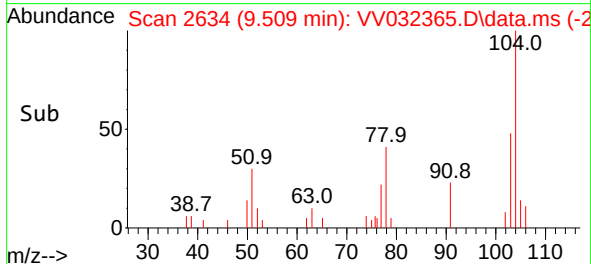
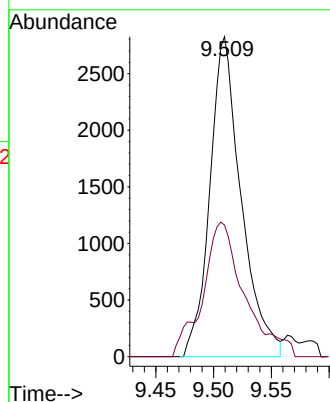
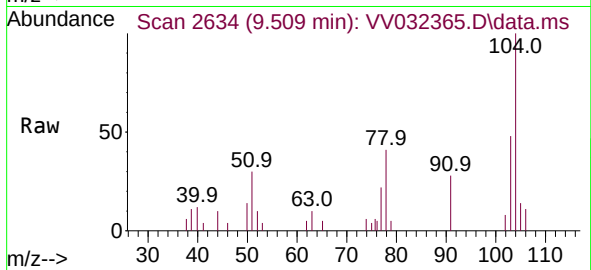




#55
Styrene
Concen: 0.181 ug/L
RT: 9.509 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

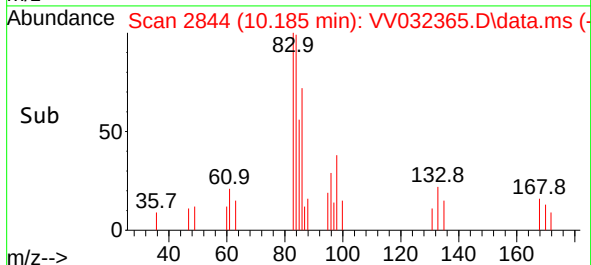
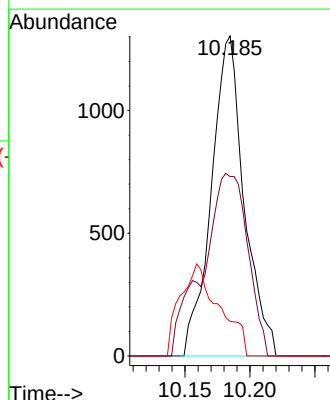
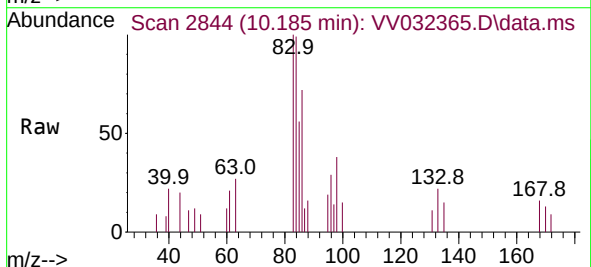
Instrument :
MSVOA_V
ClientSampleId :

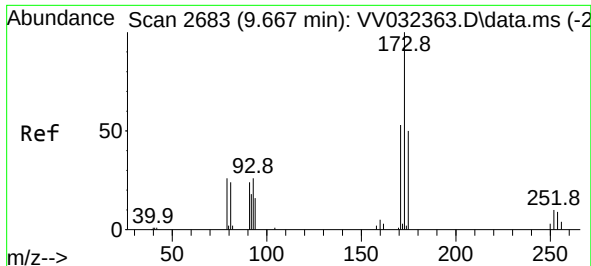
Tgt Ion:104 Resp: 5336
Ion Ratio Lower Upper
104 100
78 41.1 29.9 55.5



#57
1,1,2,2-Tetrachloroethane
Concen: 0.268 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion: 83 Resp: 2285
Ion Ratio Lower Upper
83 100
85 56.1 43.6 81.0
131 10.8 7.0 10.6#





#59

Bromoform

Concen: 0.239 ug/L

RT: 9.677 min Scan# 2

Delta R.T. 0.010 min

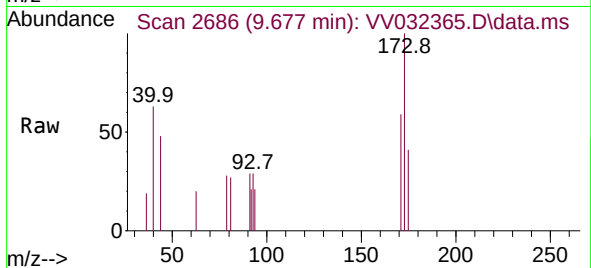
Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

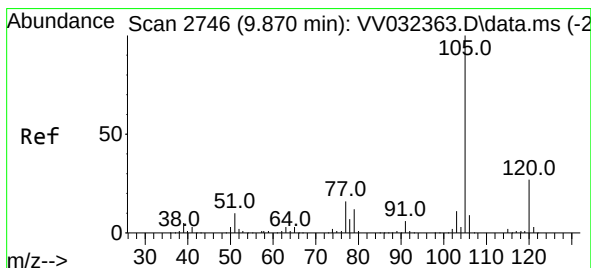
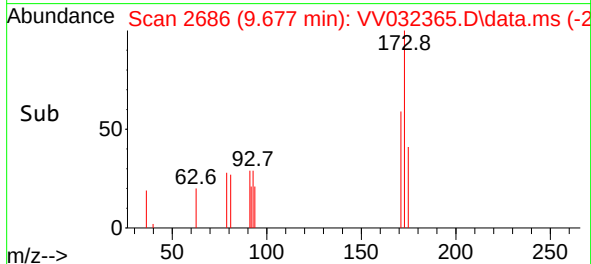
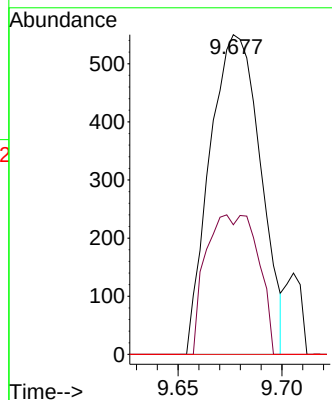
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	173	Resp:	932
Ion	Ratio	Lower	Upper
173	100		
175	45.0	38.2	57.2
254	0.0	7.0	10.4



#60

Isopropylbenzene

Concen: 0.227 ug/L

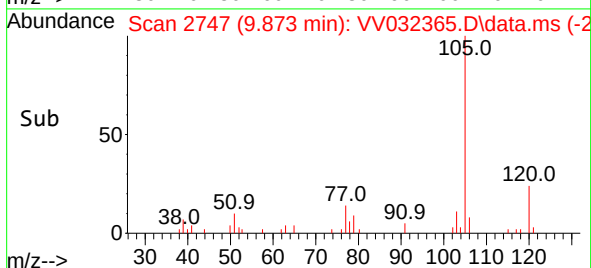
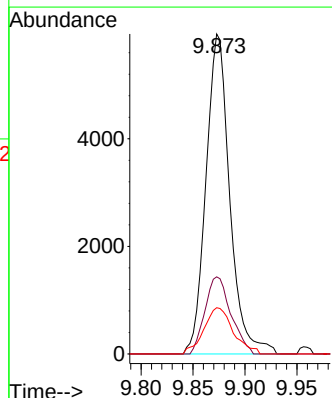
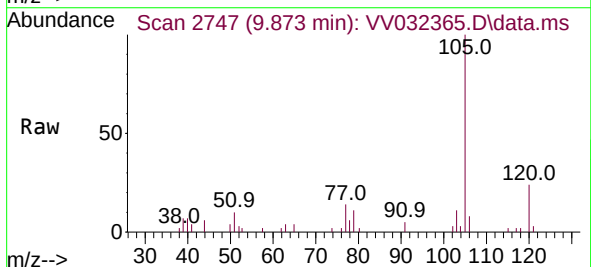
RT: 9.873 min Scan# 2747

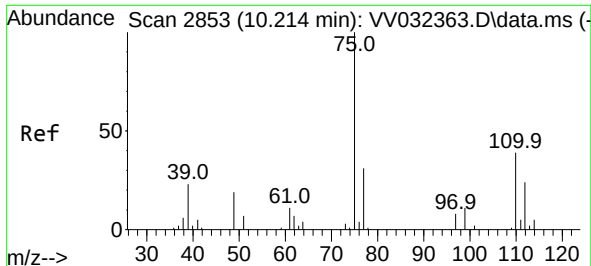
Delta R.T. 0.003 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Tgt Ion:	105	Resp:	9465
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.0	31.6
77	17.8	12.6	19.0

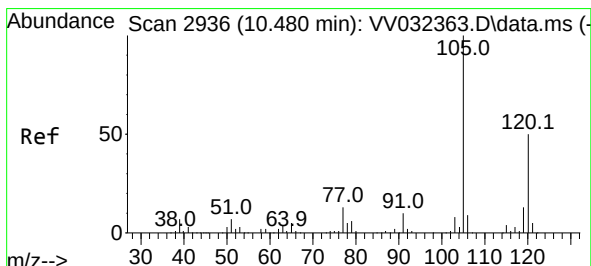
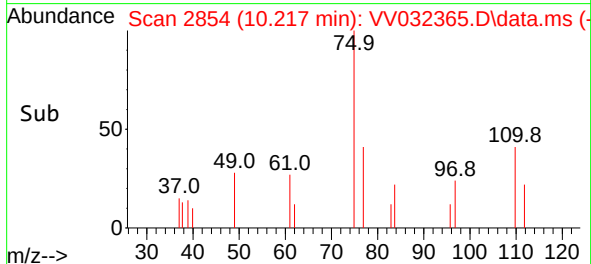
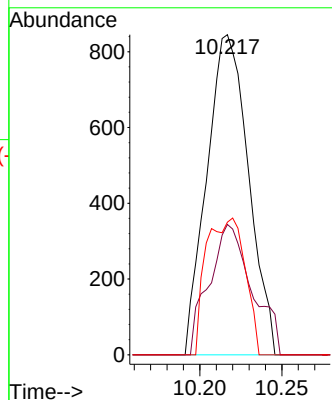
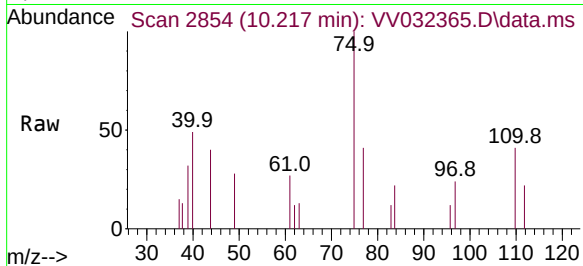




#61
 1,2,3-Trichloropropane
 Concen: 0.261 ug/L
 RT: 10.217 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

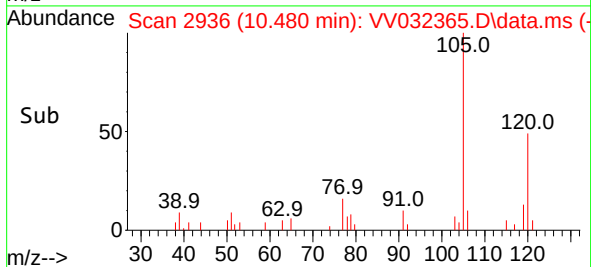
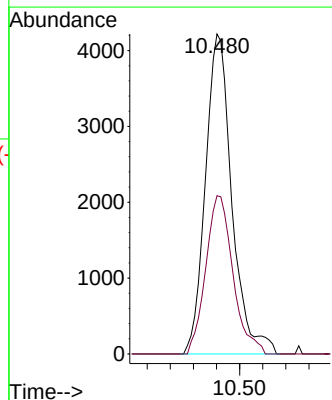
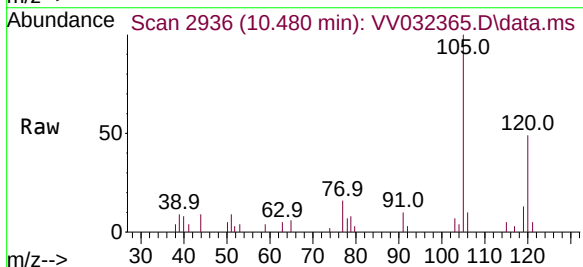
Instrument :
 MSVOA_V
 ClientSampleId :

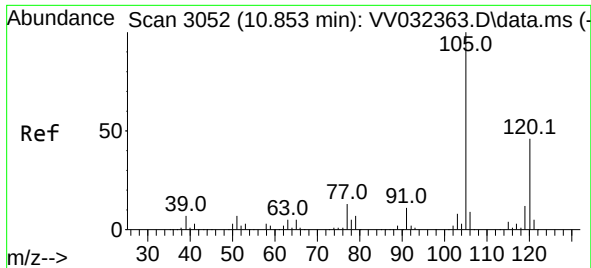
Tgt Ion: 75 Resp: 1491
 Ion Ratio Lower Upper
 75 100
 77 42.1 26.2 39.2#
 110 39.8 30.6 46.0



#62
 1,3,5-Trimethylbenzene
 Concen: 0.197 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

Tgt Ion: 105 Resp: 6693
 Ion Ratio Lower Upper
 105 100
 120 50.8 39.9 59.9

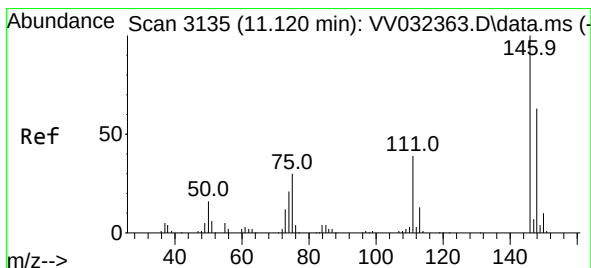
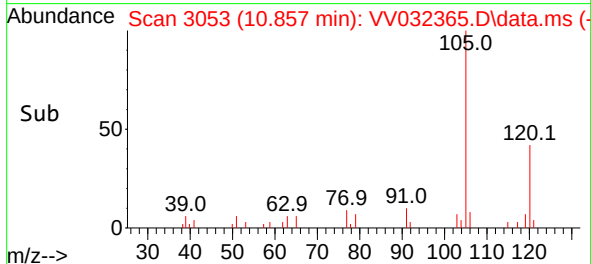
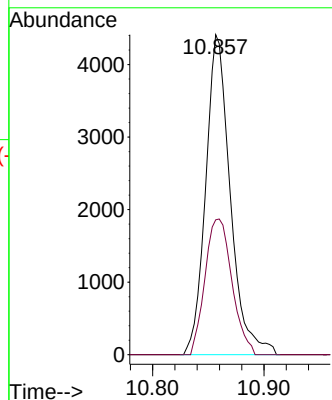
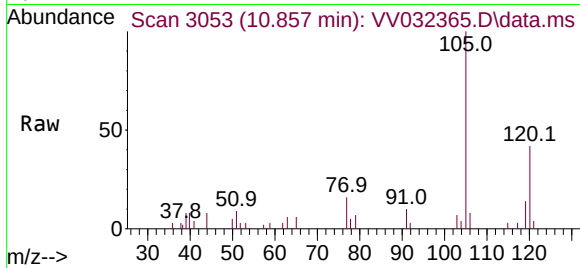




#63
1,2,4-Trimethylbenzene
Concen: 0.200 ug/L
RT: 10.857 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

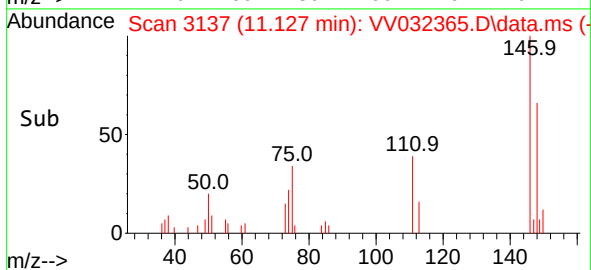
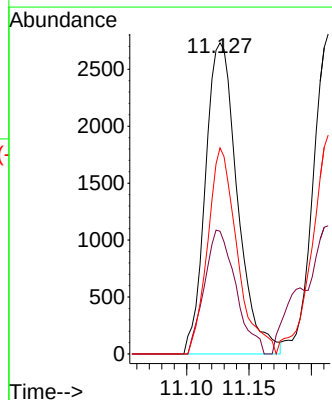
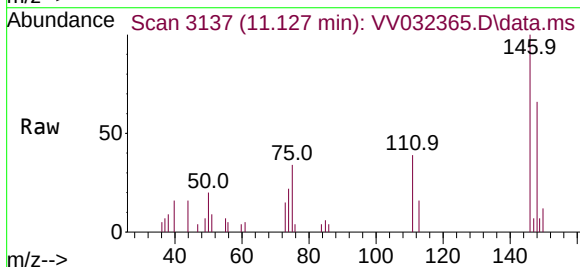
Instrument :
MSVOA_V
ClientSampleId :

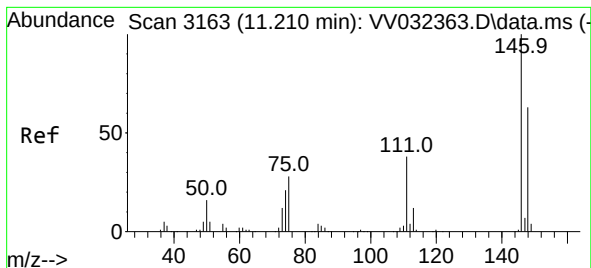
Tgt Ion:105 Resp: 6770
Ion Ratio Lower Upper
105 100
120 46.4 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 0.246 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.006 min
Lab File: VV032365.D
Acq: 10 Oct 2023 10:38

Tgt Ion:146 Resp: 4891
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 66.3 43.7 81.1





#65

1,4-Dichlorobenzene

Concen: 0.263 ug/L

RT: 11.214 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

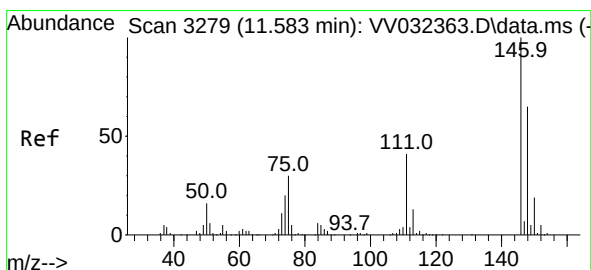
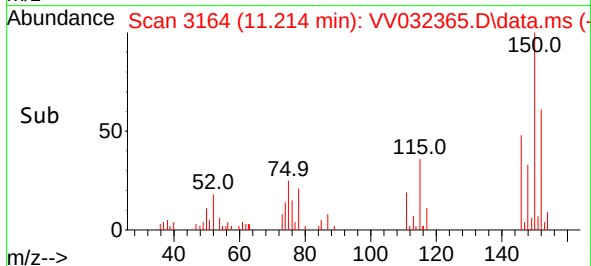
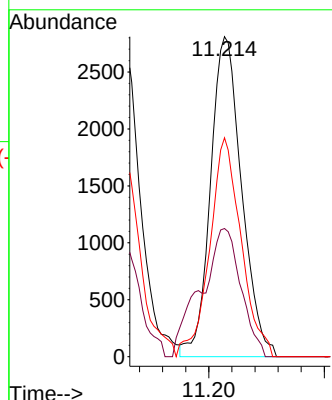
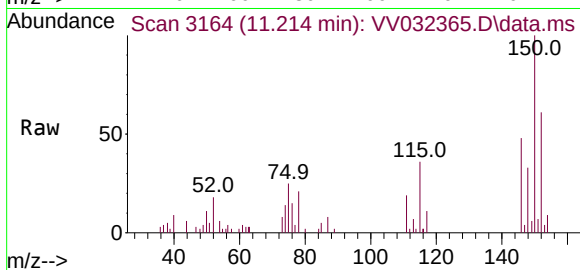
Tgt Ion:146 Resp: 5256

Ion Ratio Lower Upper

146 100

111 40.1 26.9 49.9

148 68.4 44.8 83.2



#67

1,2-Dichlorobenzene

Concen: 0.260 ug/L

RT: 11.583 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

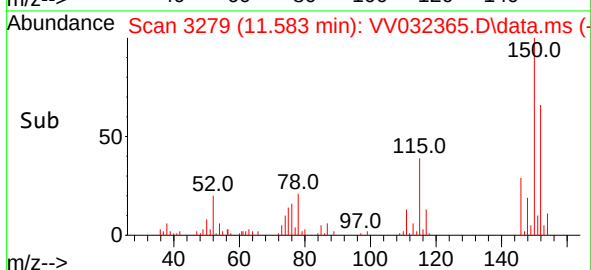
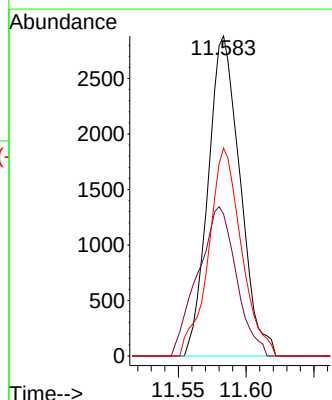
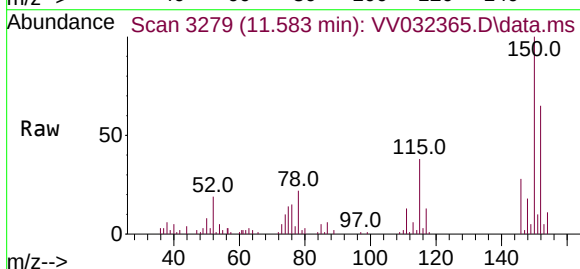
Tgt Ion:146 Resp: 4723

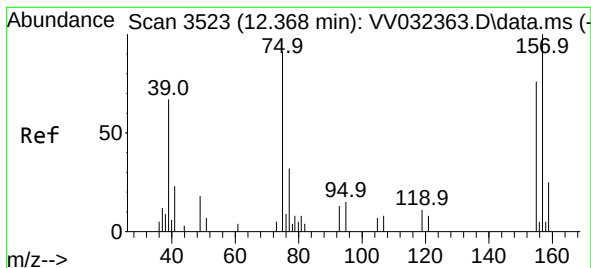
Ion Ratio Lower Upper

146 100

111 44.4 32.8 49.2

148 65.0 51.0 76.4

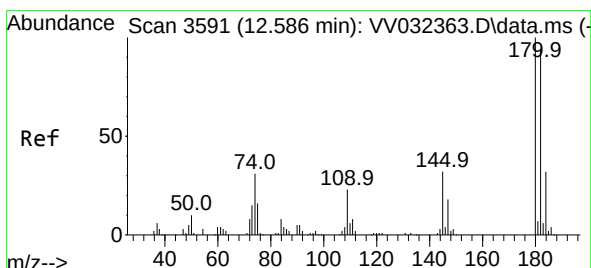
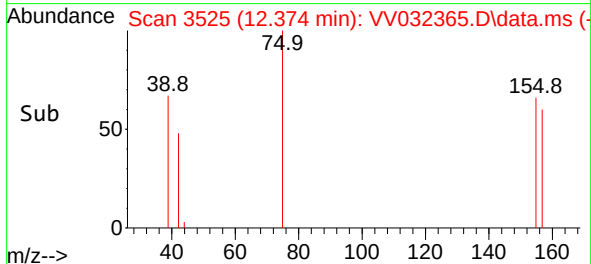
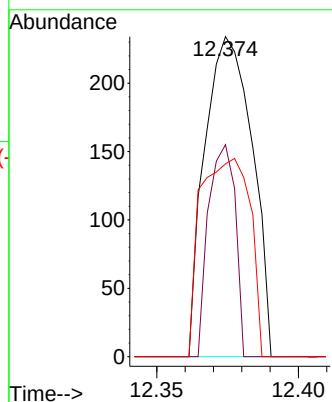
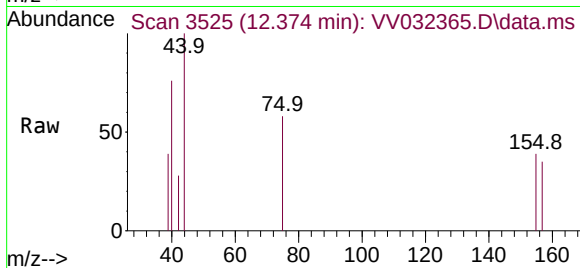




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.232 ug/L
 RT: 12.374 min Scan# 3525
 Delta R.T. 0.006 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

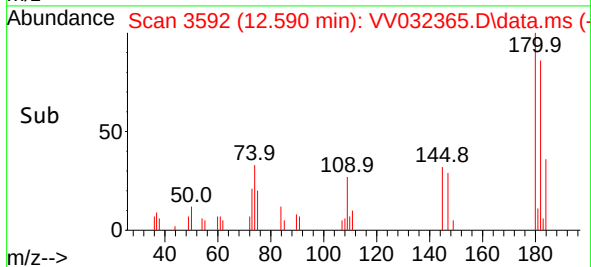
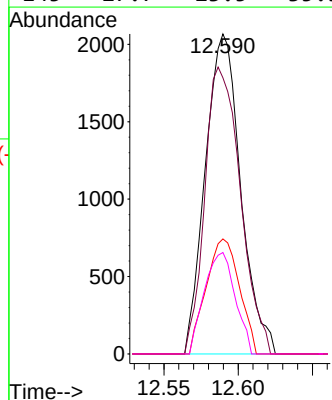
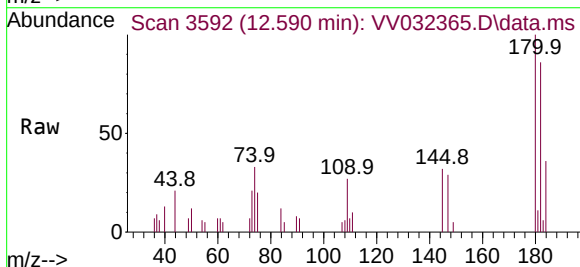
Instrument :
 MSVOA_V
 ClientSampleId :

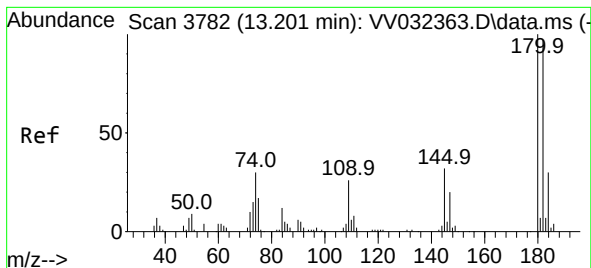
Tgt Ion: 75 Resp: 271
 Ion Ratio Lower Upper
 75 100
 155 66.2 70.2 105.4#
 157 60.3 90.6 135.8#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.235 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.003 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

Tgt Ion: 180 Resp: 3423
 Ion Ratio Lower Upper
 180 100
 182 90.2 74.6 112.0
 184 33.7 24.1 36.1
 145 27.7 23.5 35.3





#70

1,2,4-trichlorobenzene

Concen: 0.215 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

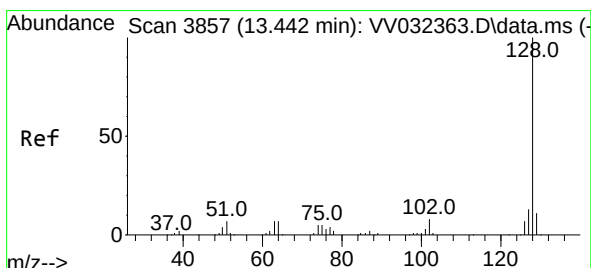
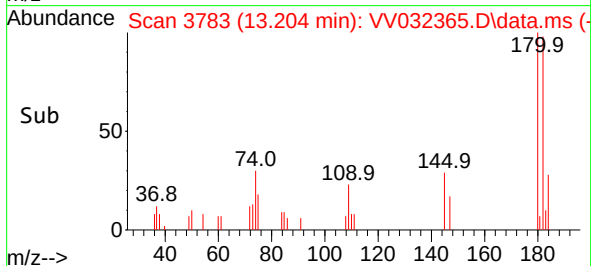
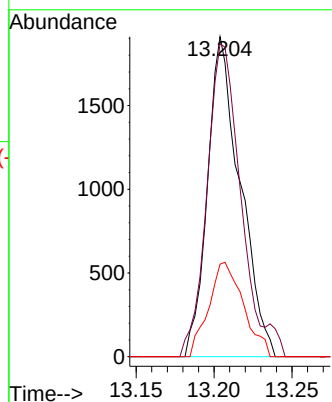
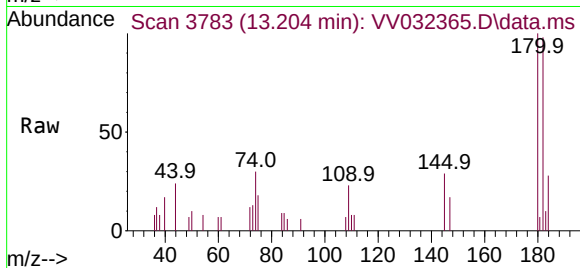
Tgt Ion:180 Resp: 2786

Ion Ratio Lower Upper

180 100

182 101.8 76.5 114.7

145 31.3 24.3 36.5



#71

Naphthalene

Concen: 0.206 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.006 min

Lab File: VV032365.D

Acq: 10 Oct 2023 10:38

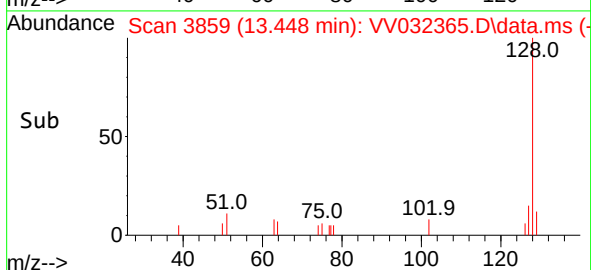
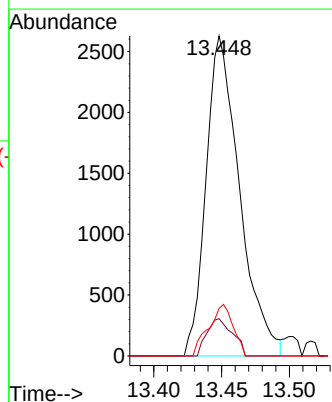
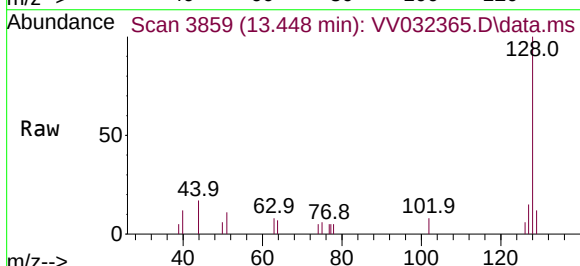
Tgt Ion:128 Resp: 4517

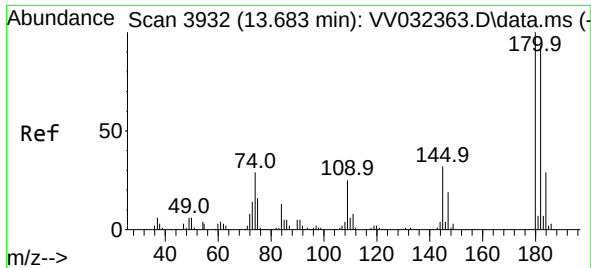
Ion Ratio Lower Upper

128 100

129 8.9 9.0 13.4#

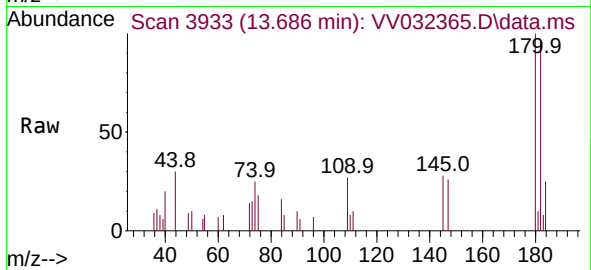
127 11.8 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.229 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.003 min
 Lab File: VV032365.D
 Acq: 10 Oct 2023 10:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	2558
Ion	Ratio	Lower	Upper
180	100		
182	100.3	77.0	115.4
145	29.6	25.7	38.5

