

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062722\
 Data File : VW026572.D
 Acq On : 27 Jun 2022 16:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Quant Time: Jun 28 01:53:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	248752	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	228381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	120275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	101090	5.053	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.000%		
7) Chloroethane-d5	1.584	69	83651	5.205	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.200%		
11) 1,1-Dichloroethene-d2	2.121	63	175053	4.925	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.400%		
20) 2-Butanone-d5	3.899	46	109373	54.992	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.980%		
24) Chloroform-d	4.355	84	157616	4.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.400%		
26) 1,2-Dichloroethane-d4	5.037	65	59789	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.000%		
32) Benzene-d6	5.053	84	313846	4.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.600%		
36) 1,2-Dichloropropane-d6	6.072	67	85725	4.752	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.000%		
41) Toluene-d8	7.313	98	297417	5.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.800%		
43) trans-1,3-Dichloroprop...	7.622	79	24282	5.208	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.200%		
46) 2-Hexanone-d5	8.088	63	83230	46.863	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.720%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55729	4.722	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 94.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	87826	4.412	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 88.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.146	85	91849	4.849	ug/L	99
3) Chloromethane	1.256	50	93875	4.532	ug/L	99
5) Vinyl chloride	1.326	62	105960	4.804	ug/L	100
6) Bromomethane	1.535	94	54637	4.576	ug/L	96
8) Chloroethane	1.600	64	77102	5.140	ug/L	98
9) Trichlorofluoromethane	1.767	101	156246	5.080	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	92171	5.057	ug/L	99
12) 1,1-Dichloroethene	2.130	96	83517	4.971	ug/L	91
13) Acetone	2.191	43	84571	67.027	ug/L	100
14) Carbon disulfide	2.307	76	211560	4.773	ug/L	98
15) Methyl Acetate	2.449	43	21913	6.023	ug/L	96
16) Methylene chloride	2.519	84	113012	6.337	ug/L	97
17) Methyl tert-butyl Ether	2.783	73	140156	5.118	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	85575	4.992	ug/L	96
19) 1,1-Dichloroethane	3.198	63	156931	5.098	ug/L	97
21) 2-Butanone	3.982	43	121482	64.001	ug/L	94
22) cis-1,2-Dichloroethene	3.921	96	89560	5.262	ug/L	93
23) Bromochloromethane	4.256	128	37719	5.381	ug/L	97
25) Chloroform	4.381	83	166752	5.064	ug/L	97

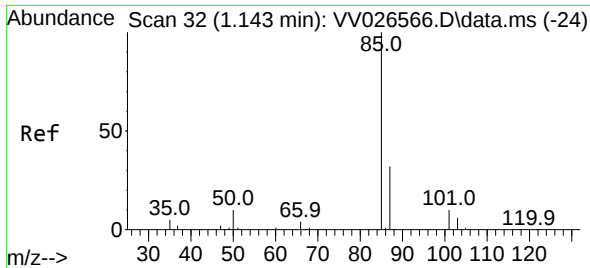
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062722\
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Quant Time: Jun 28 01:53:12 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	76687	5.233	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	144921	5.157	ug/L	99
30) Cyclohexane	4.683	56	105522	4.743	ug/L	99
31) Carbon tetrachloride	4.834	117	123399	5.235	ug/L	97
33) Benzene	5.101	78	347049	5.204	ug/L	100
34) Trichloroethene	5.915	95	87636	4.999	ug/L	98
35) Methylcyclohexane	6.133	83	125035	4.821	ug/L	98
37) 1,2-Dichloropropane	6.175	63	83795	5.214	ug/L	99
38) Bromodichloromethane	6.509	83	101375	5.343	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	90590	5.608	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	305459	56.267	ug/L	97
42) Toluene	7.387	91	372127	5.406	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	72343	6.021	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	55665	5.492	ug/L	97
47) Tetrachloroethene	7.976	164	71144	5.097	ug/L	98
48) 2-Hexanone	8.136	43	221793	58.691	ug/L	97
49) Dibromochloromethane	8.243	129	59232	5.772	ug/L	97
50) 1,2-Dibromoethane	8.352	107	48055	5.333	ug/L	95
51) Chlorobenzene	8.879	112	235921	5.232	ug/L	98
52) Ethylbenzene	9.011	91	365241	5.130	ug/L	99
53) m,p-Xylene	9.136	106	149960	5.399	ug/L	96
54) o-Xylene	9.542	106	137290	5.266	ug/L	97
55) Styrene	9.558	104	239210	5.540	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	62130	5.490	ug/L	97
59) Bromoform	9.728	173	25957	5.856	ug/L	99
60) Isopropylbenzene	9.931	105	372082	5.016	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	40912	5.253	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	284442	4.851	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	290571	5.026	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	184210	5.106	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	178252	4.976	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	155272	5.058	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6868	4.917	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	127101	4.899	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	86741	4.735	ug/L	98
71) Naphthalene	13.500	128	106748	4.467	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	71344	4.759	ug/L	98

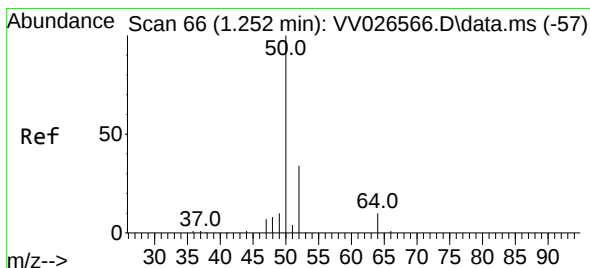
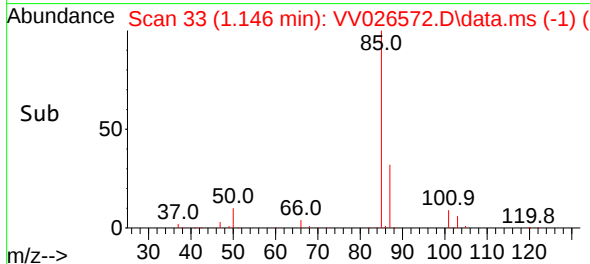
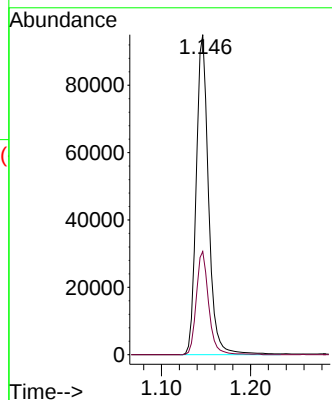
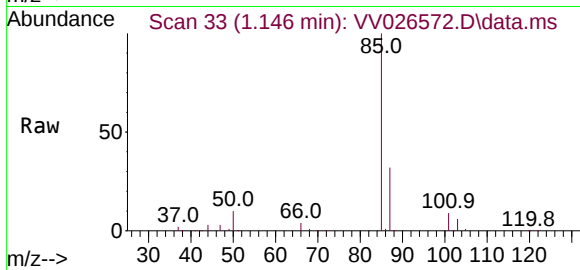
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.849 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

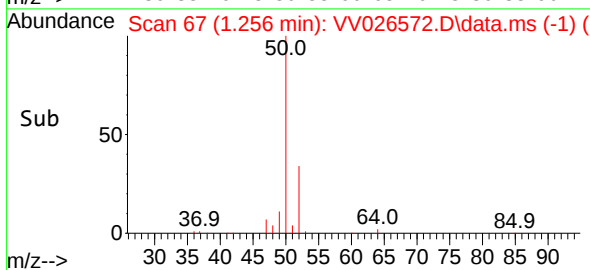
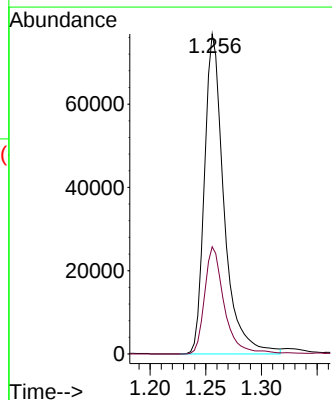
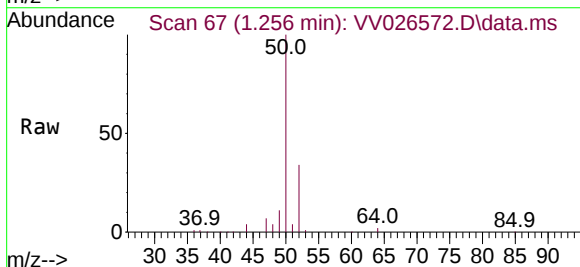
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

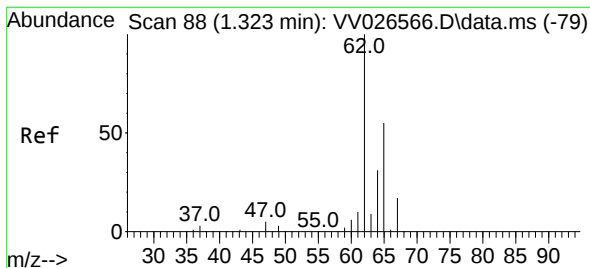
Tgt Ion: 85 Resp: 91849
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.6 38.4



#3
 Chloromethane
 Concen: 4.532 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

Tgt Ion: 50 Resp: 93875
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.6





#5

Vinyl chloride

Concen: 4.804 ug/L

RT: 1.326 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

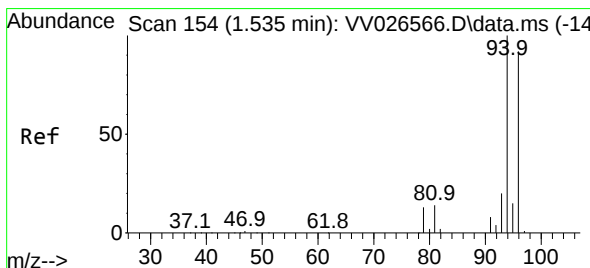
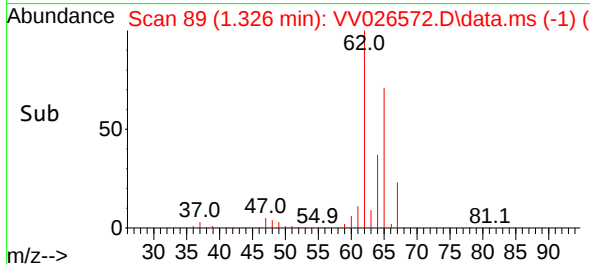
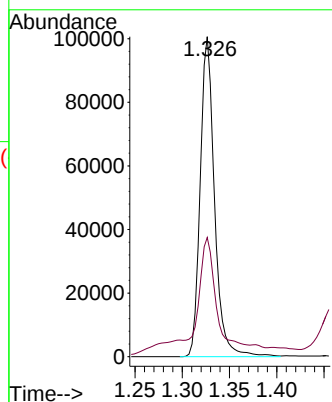
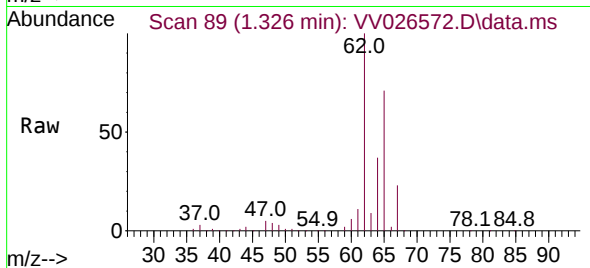
VSTD005338

Tgt Ion: 62 Resp: 105960

Ion Ratio Lower Upper

62 100

64 37.3 26.2 48.6



#6

Bromomethane

Concen: 4.576 ug/L

RT: 1.535 min Scan# 154

Delta R.T. -0.000 min

Lab File: VV026572.D

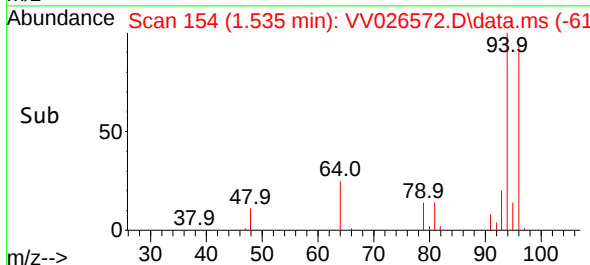
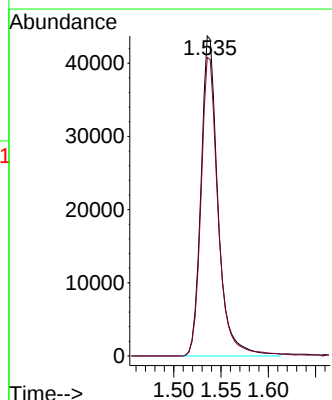
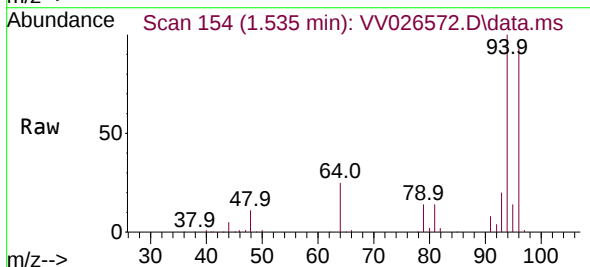
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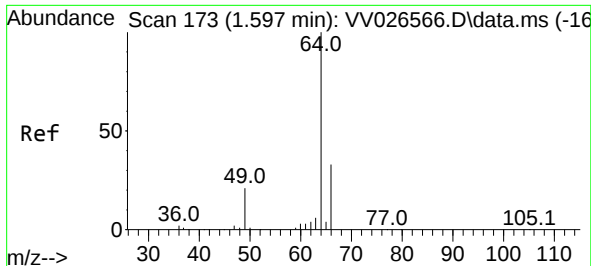
Tgt Ion: 94 Resp: 54637

Ion Ratio Lower Upper

94 100

96 93.3 68.0 126.2

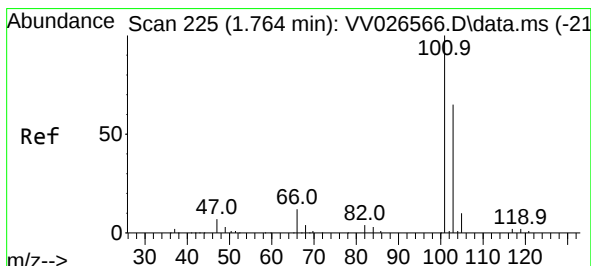
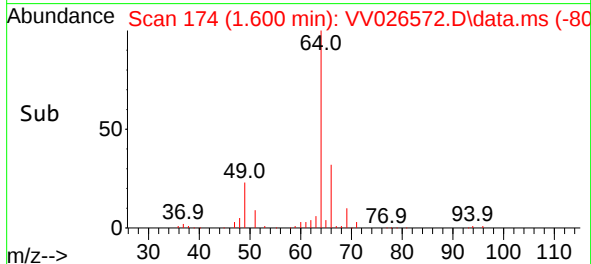
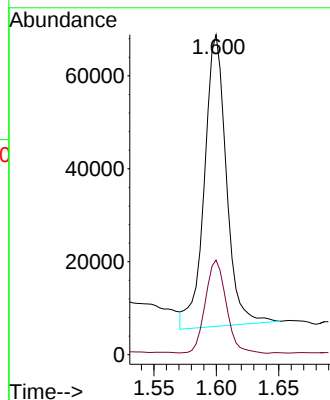
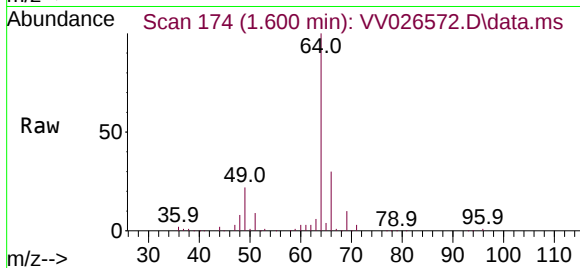




#8
Chloroethane
Concen: 5.140 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

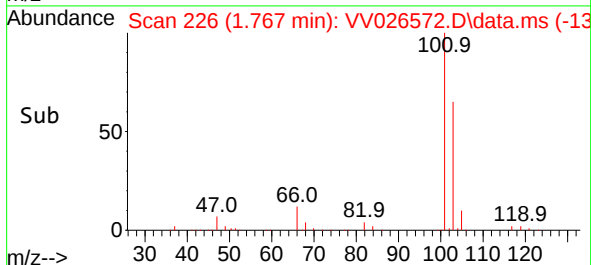
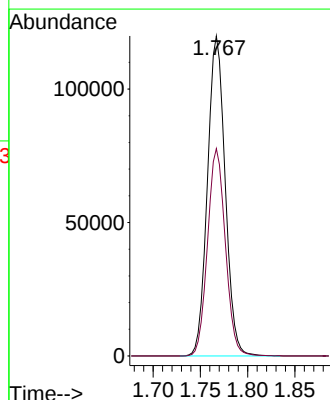
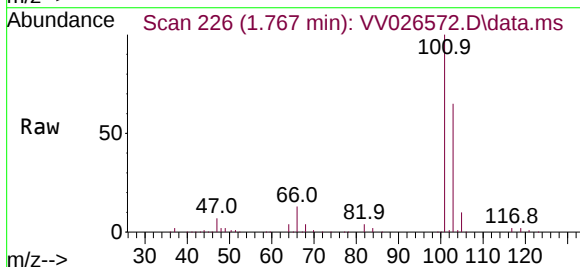
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

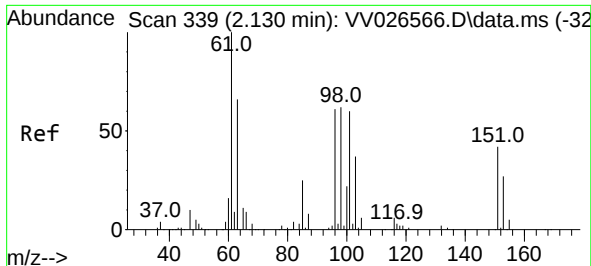
Tgt Ion: 64 Resp: 77102
Ion Ratio Lower Upper
64 100
66 29.6 20.0 37.2



#9
Trichlorofluoromethane
Concen: 5.080 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion:101 Resp: 156246
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.4

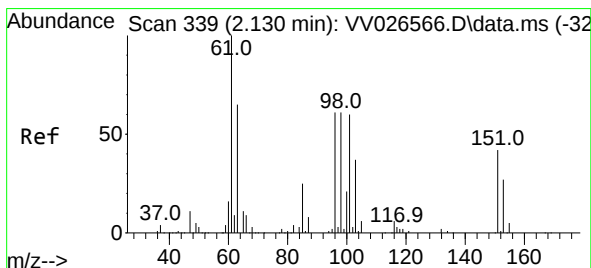
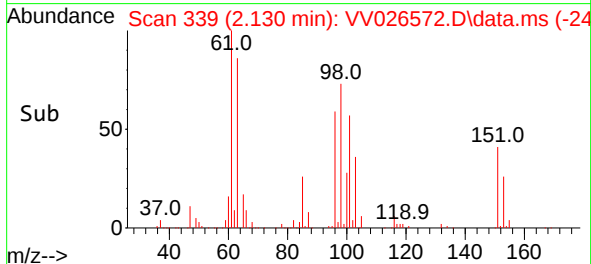
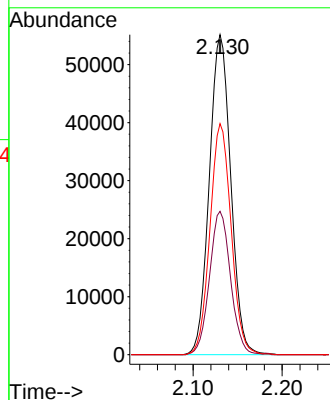
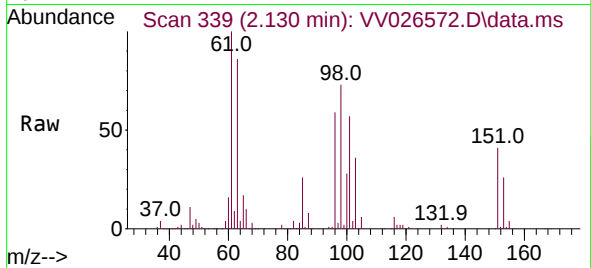




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.057 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

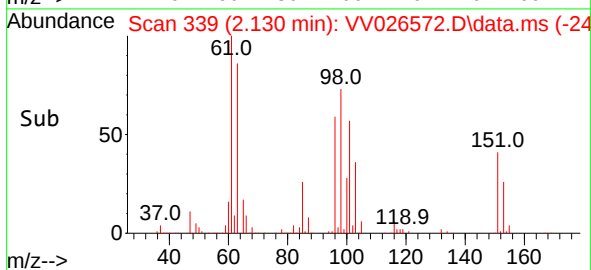
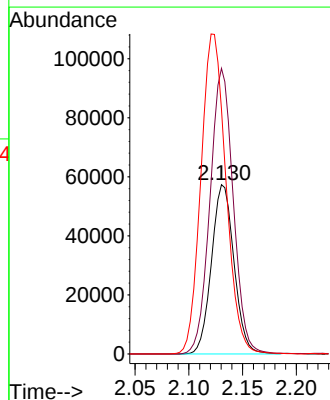
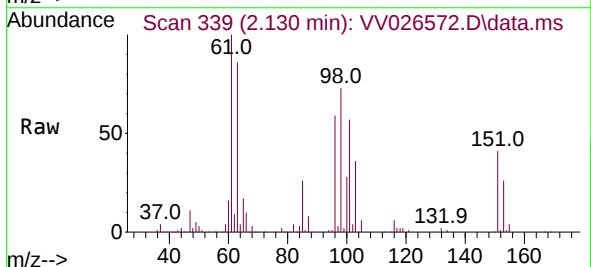
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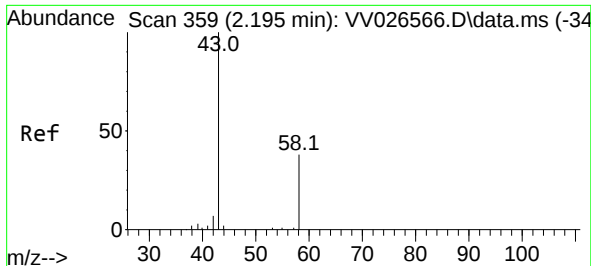
Tgt Ion:101 Resp: 92171
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.2 51.4
 151 71.3 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.971 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

Tgt Ion: 96 Resp: 83517
 Ion Ratio Lower Upper
 96 100
 61 168.6 115.4 214.4
 63 144.5 87.4 162.2





#13

Acetone

Concen: 67.027 ug/L

RT: 2.191 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

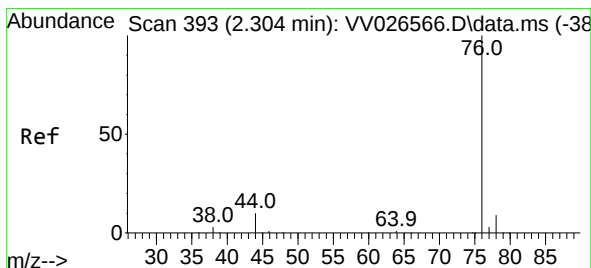
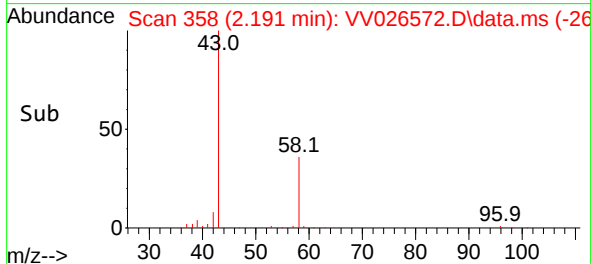
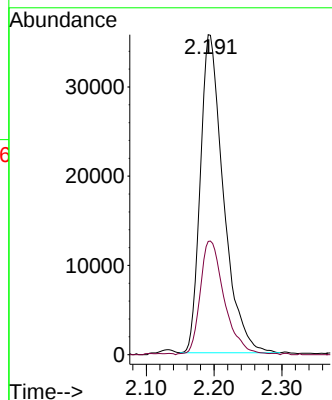
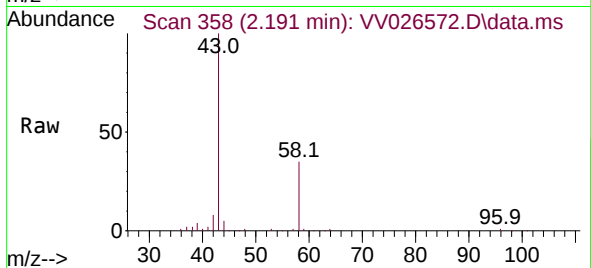
VSTD005338

Tgt Ion: 43 Resp: 84571

Ion Ratio Lower Upper

43 100

58 37.2 0.0 75.0



#14

Carbon disulfide

Concen: 4.773 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.003 min

Lab File: VV026572.D

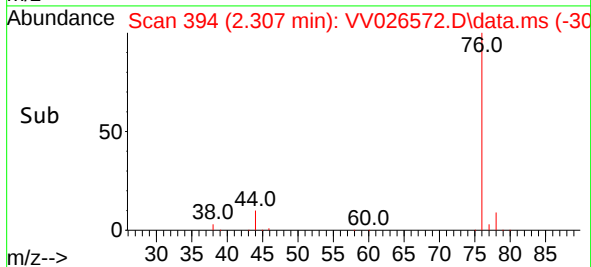
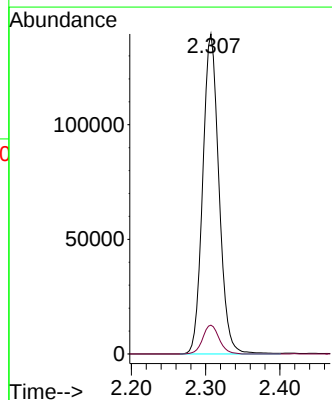
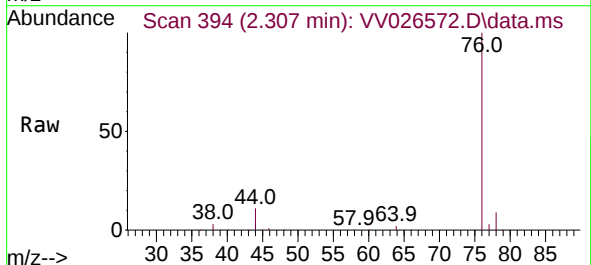
Acq: 27 Jun 2022 16:20

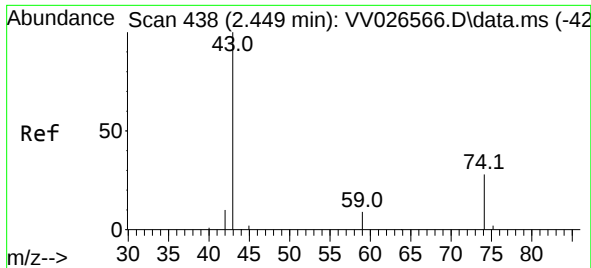
Tgt Ion: 76 Resp: 211560

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6

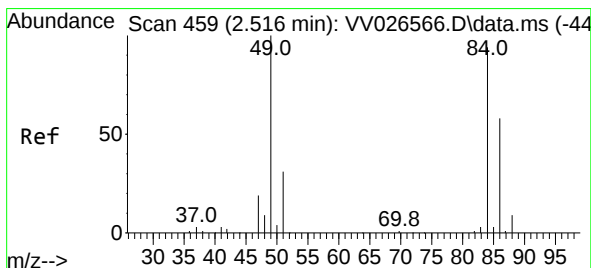
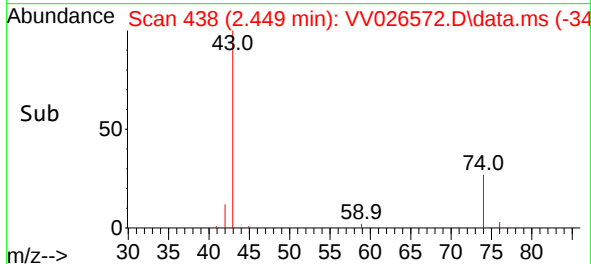
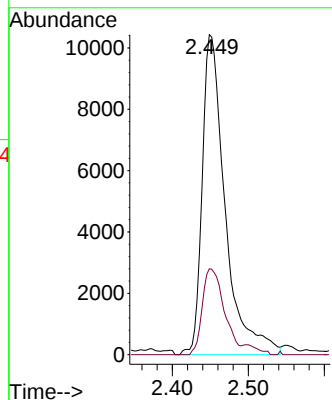
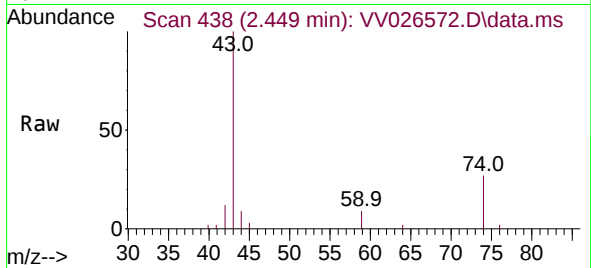




#15
Methyl Acetate
Concen: 6.023 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

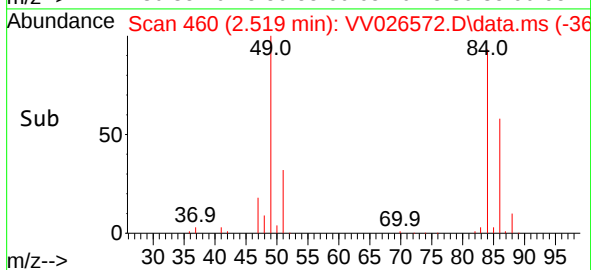
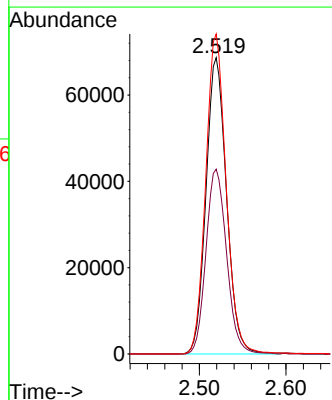
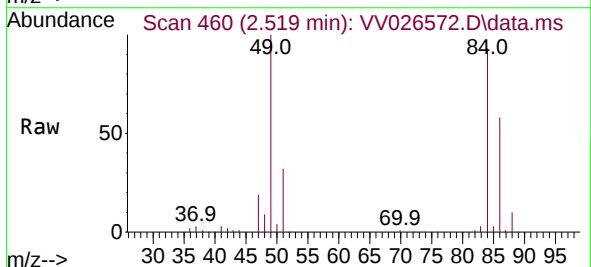
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

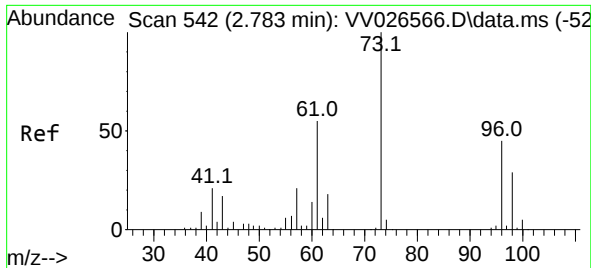
Tgt Ion: 43 Resp: 21913
Ion Ratio Lower Upper
43 100
74 25.5 22.1 33.1



#16
Methylene chloride
Concen: 6.337 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion: 84 Resp: 113012
Ion Ratio Lower Upper
84 100
86 62.4 46.0 85.4
49 108.0 77.7 144.3

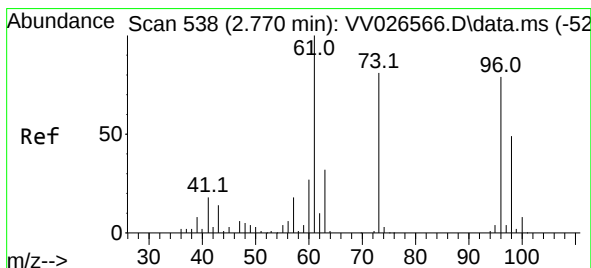
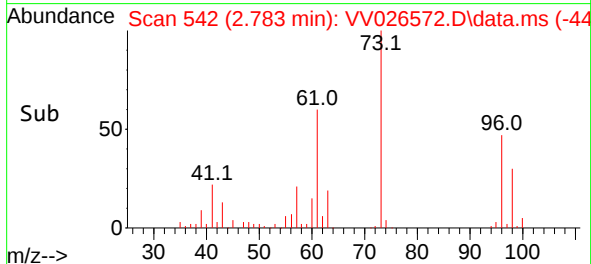
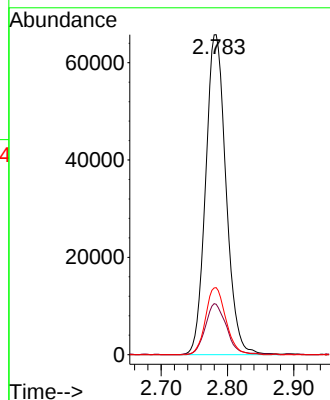
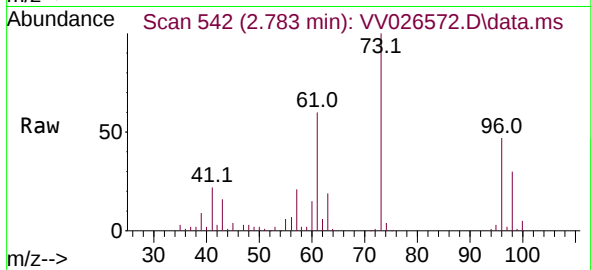




#17
Methyl tert-butyl Ether
Concen: 5.118 ug/L
RT: 2.783 min Scan# 541
Delta R.T. -0.000 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

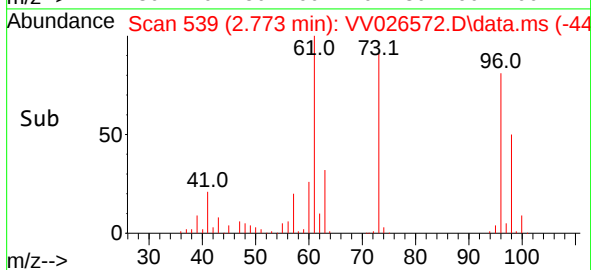
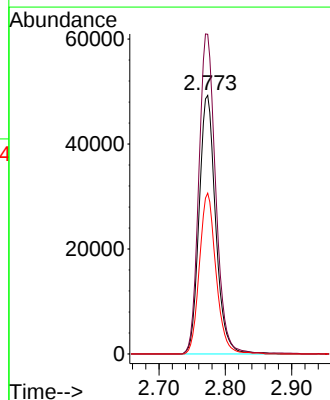
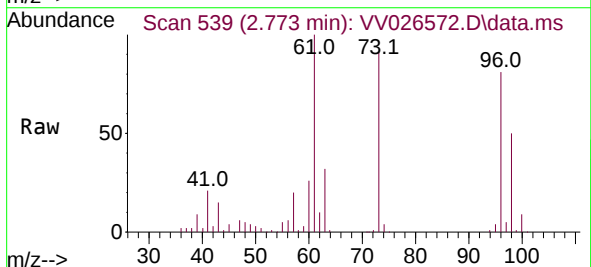
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

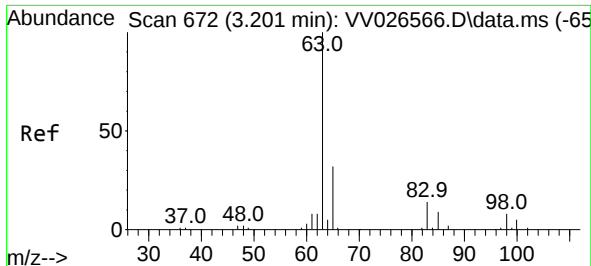
Tgt Ion: 73 Resp: 140156
Ion Ratio Lower Upper
73 100
43 16.7 13.3 19.9
57 21.0 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.992 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion: 96 Resp: 85575
Ion Ratio Lower Upper
96 100
61 123.6 90.4 167.8
98 62.2 45.6 84.8





#19

1,1-Dichloroethane

Concen: 5.098 ug/L

RT: 3.198 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

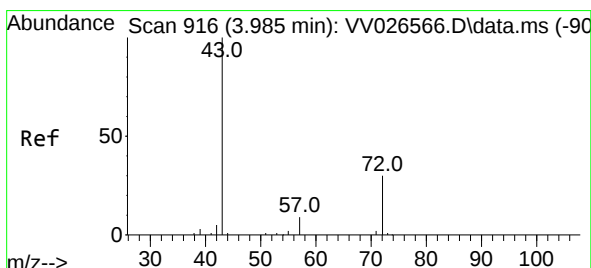
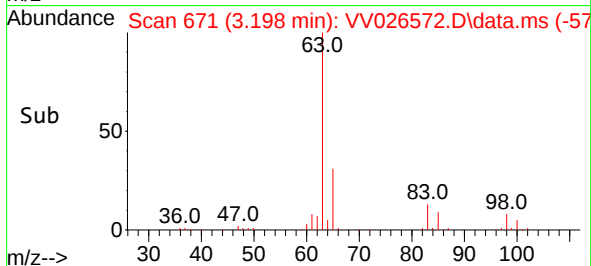
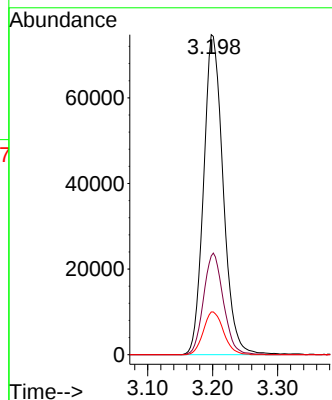
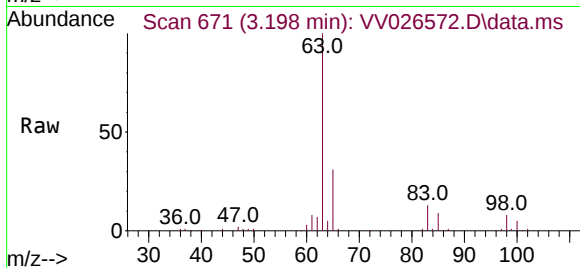
Tgt Ion: 63 Resp: 156931

Ion Ratio Lower Upper

63 100

65 30.8 23.0 42.6

83 13.4 10.2 19.0



#21

2-Butanone

Concen: 64.001 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.003 min

Lab File: VV026572.D

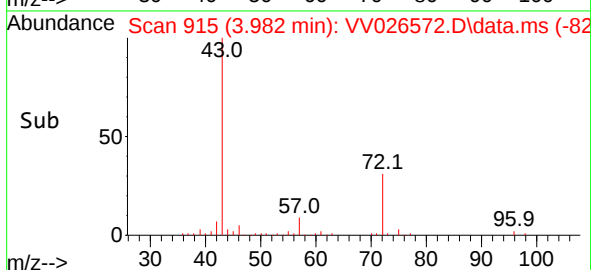
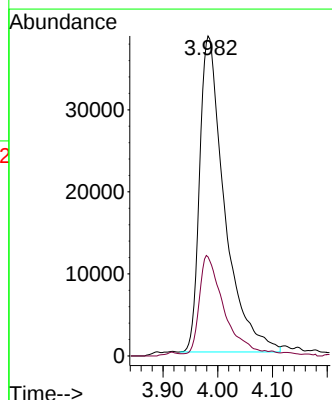
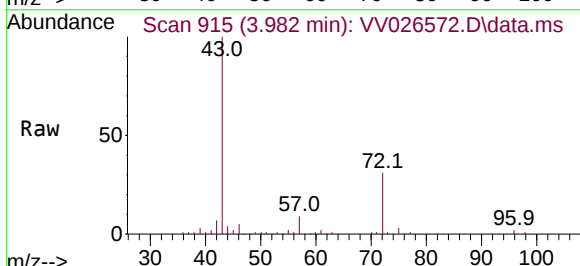
Acq: 27 Jun 2022 16:20

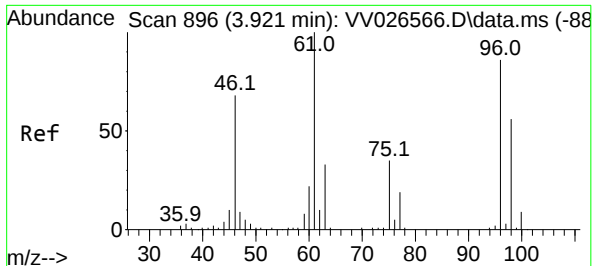
Tgt Ion: 43 Resp: 121482

Ion Ratio Lower Upper

43 100

72 30.1 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 5.262 ug/L

RT: 3.921 min Scan# 896

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

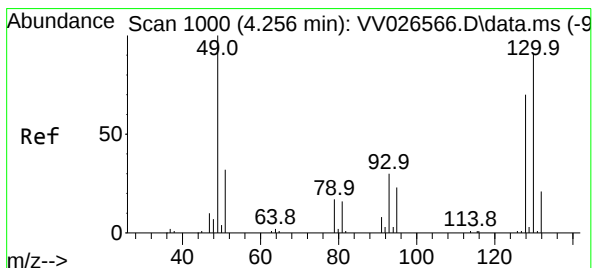
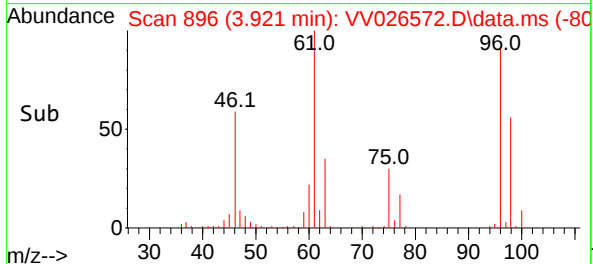
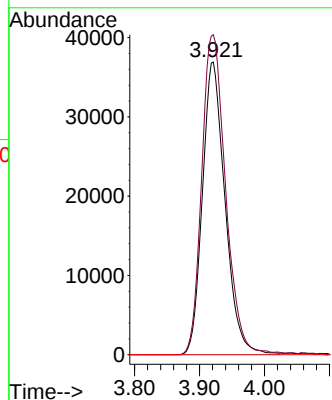
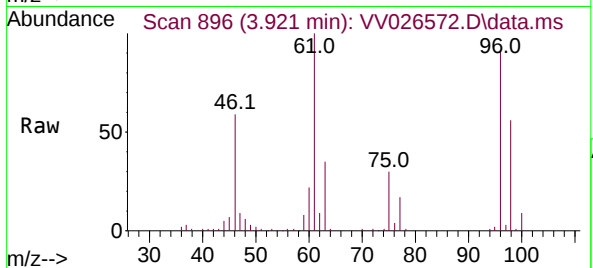
Tgt Ion: 96 Resp: 89560

Ion Ratio Lower Upper

96 100

61 109.4 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.381 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Tgt Ion: 128 Resp: 37719

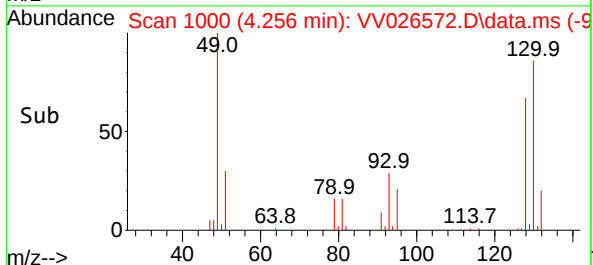
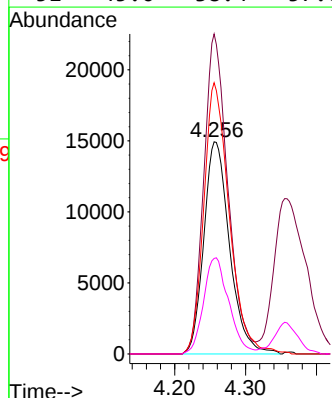
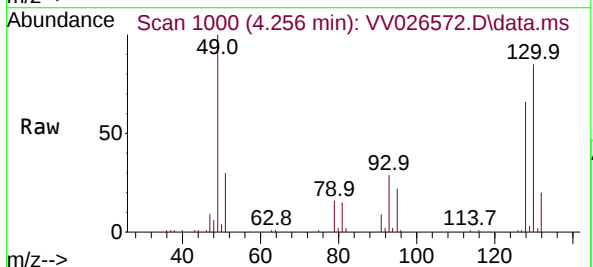
Ion Ratio Lower Upper

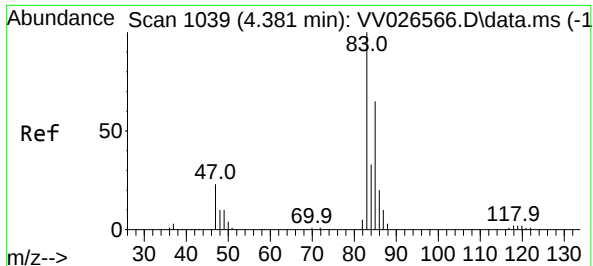
128 100

49 150.9 104.0 193.1

130 127.9 93.4 173.6

51 45.0 38.4 57.6





#25

Chloroform

Concen: 5.064 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

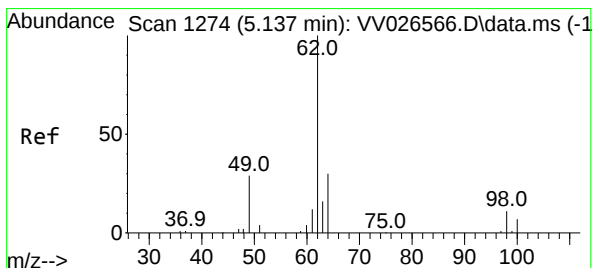
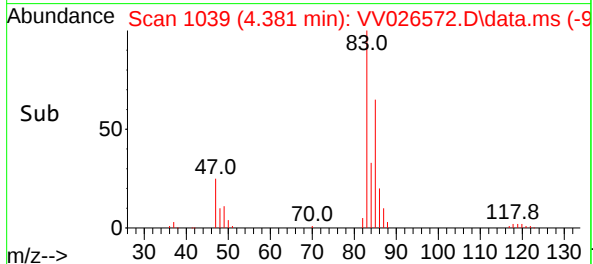
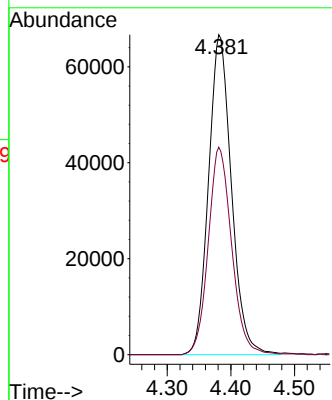
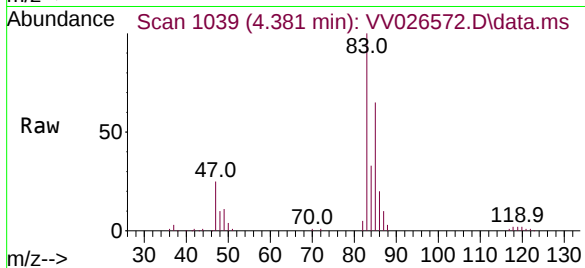
VSTD005338

Tgt Ion: 83 Resp: 166752

Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.233 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VV026572.D

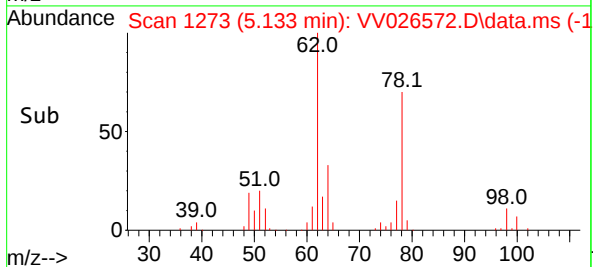
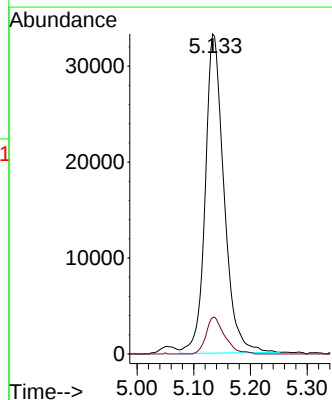
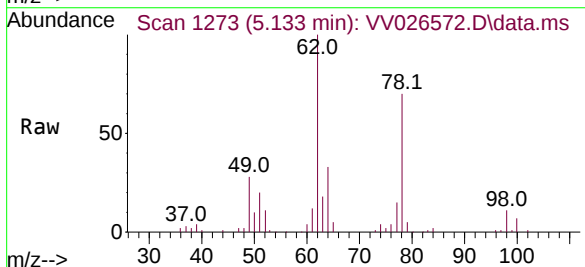
Acq: 27 Jun 2022 16:20

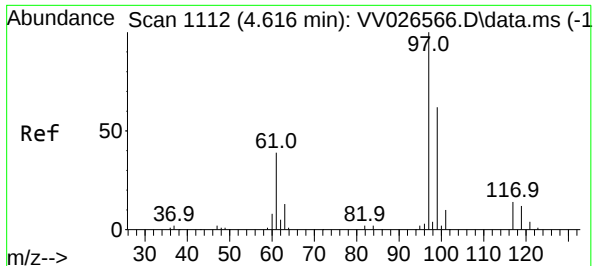
Tgt Ion: 62 Resp: 76687

Ion Ratio Lower Upper

62 100

98 11.4 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.157 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

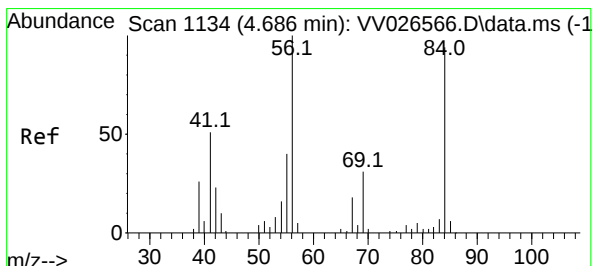
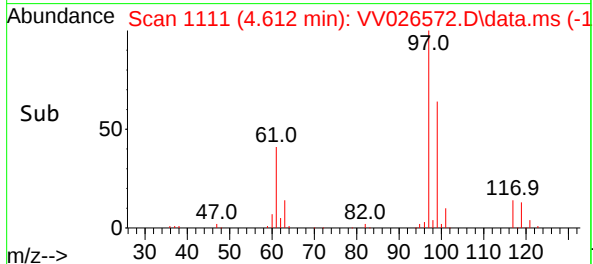
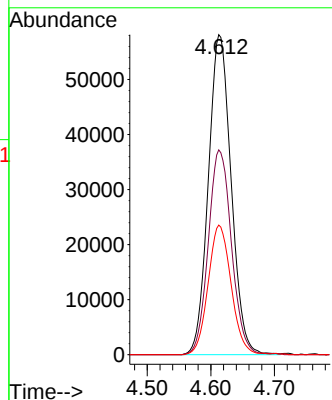
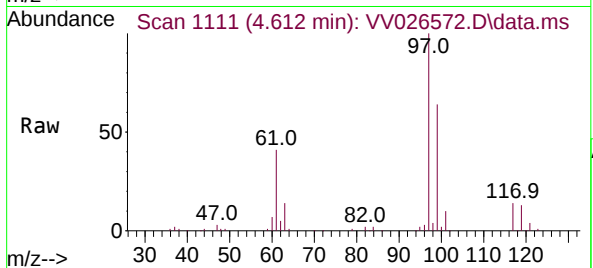
Tgt Ion: 97 Resp: 144921

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

61 40.8 33.0 49.4



#30

Cyclohexane

Concen: 4.743 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

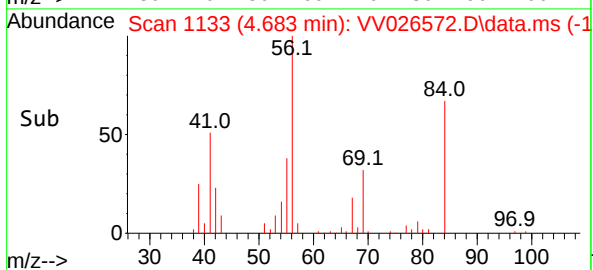
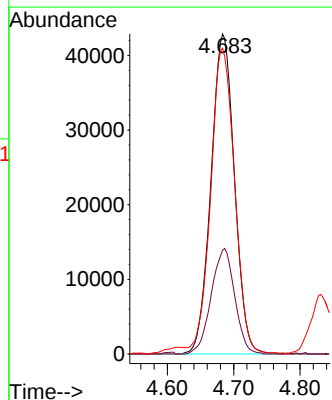
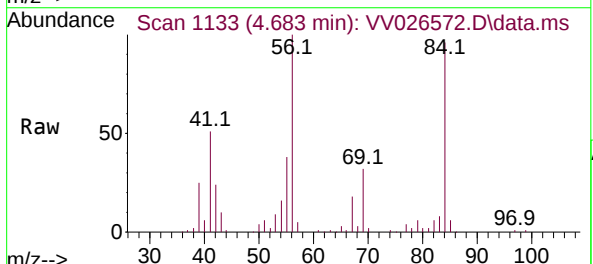
Tgt Ion: 56 Resp: 105522

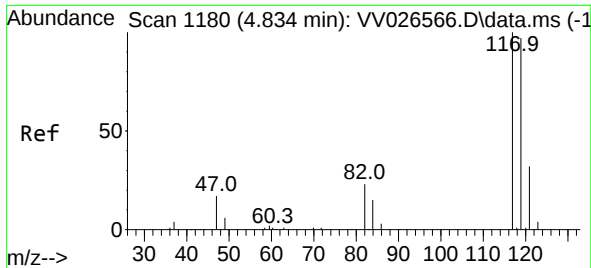
Ion Ratio Lower Upper

56 100

69 33.0 25.4 38.2

84 96.5 77.8 116.6

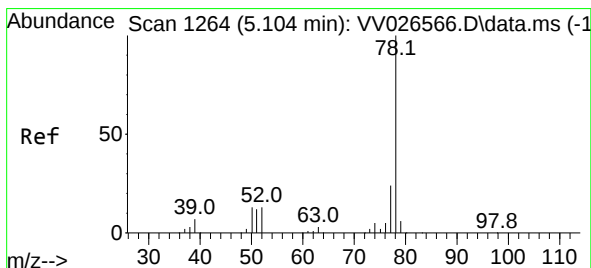
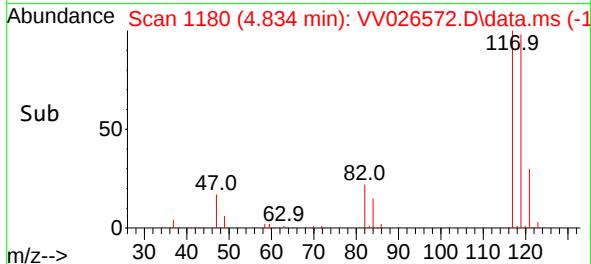
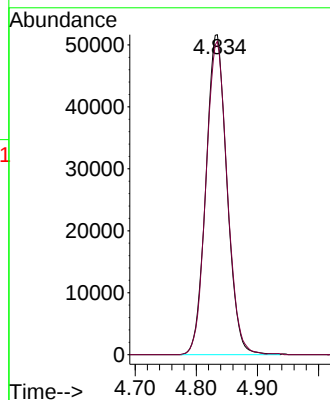
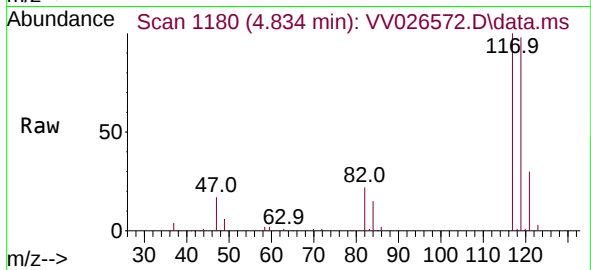




#31
Carbon tetrachloride
Concen: 5.235 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

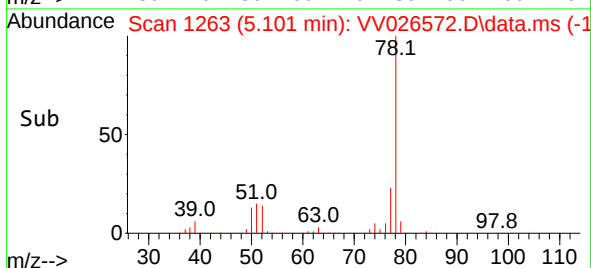
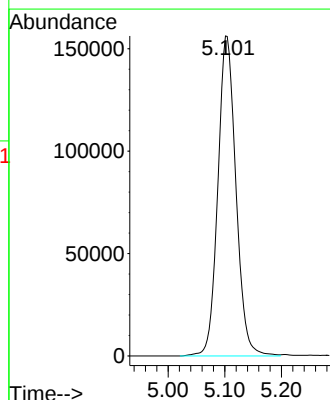
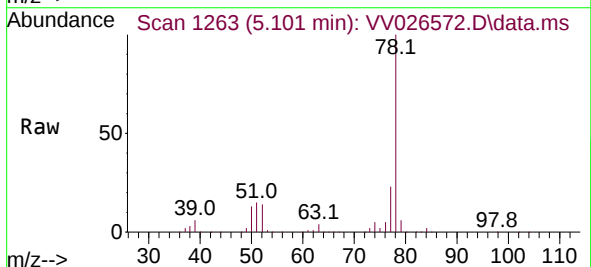
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

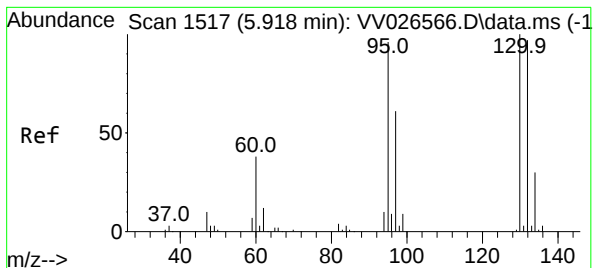
Tgt Ion:117 Resp: 123399
Ion Ratio Lower Upper
117 100
119 99.1 76.9 115.3



#33
Benzene
Concen: 5.204 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion: 78 Resp: 347049





#34

Trichloroethene

Concen: 4.999 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

Tgt Ion: 95 Resp: 87636

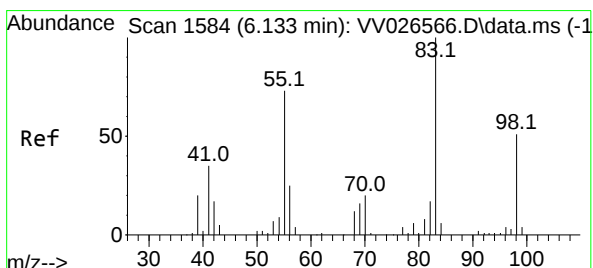
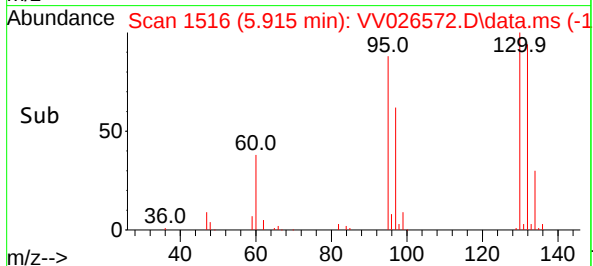
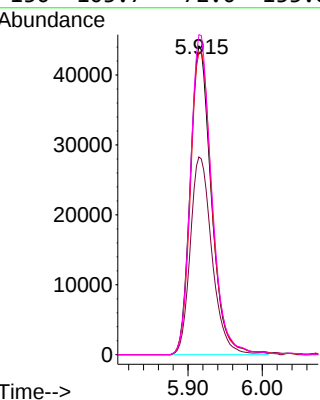
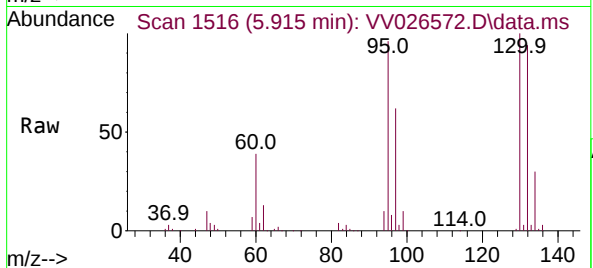
Ion Ratio Lower Upper

95 100

97 64.1 46.8 87.0

132 98.0 69.9 129.7

130 103.7 72.0 133.8



#35

Methylcyclohexane

Concen: 4.821 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

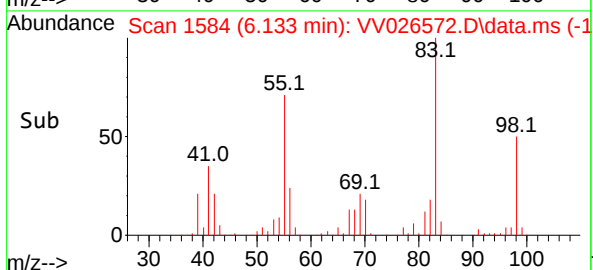
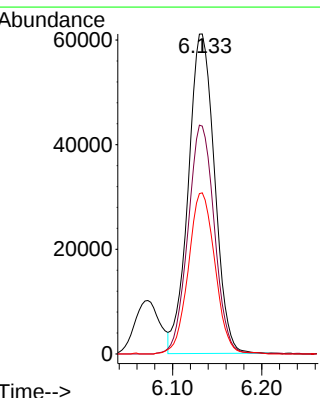
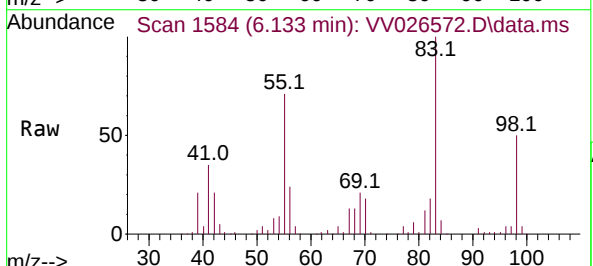
Tgt Ion: 83 Resp: 125035

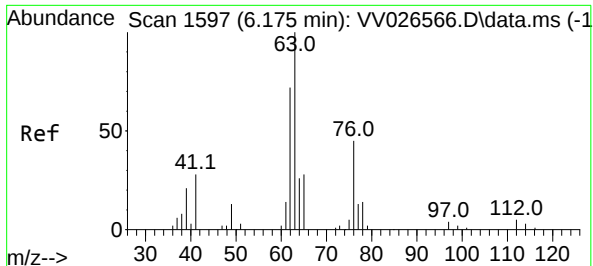
Ion Ratio Lower Upper

83 100

55 72.1 57.0 85.4

98 51.3 39.8 59.8





#37

1,2-Dichloropropane

Concen: 5.214 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

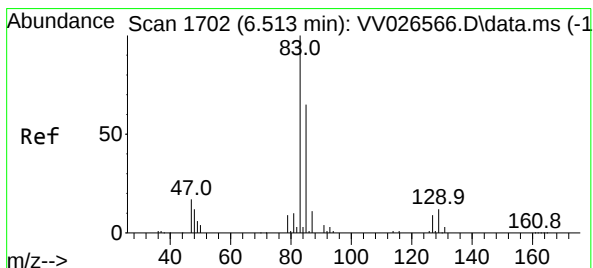
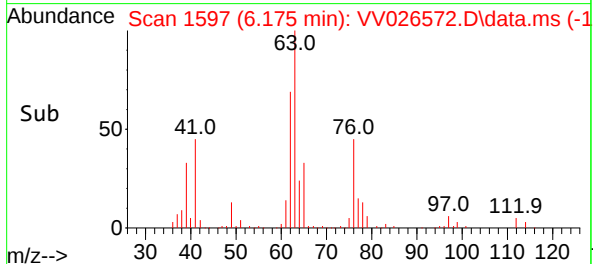
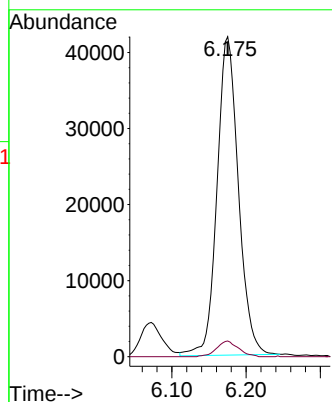
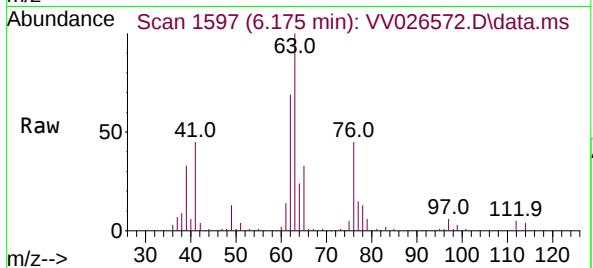
VSTD005338

Tgt Ion: 63 Resp: 83795

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.4



#38

Bromodichloromethane

Concen: 5.343 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

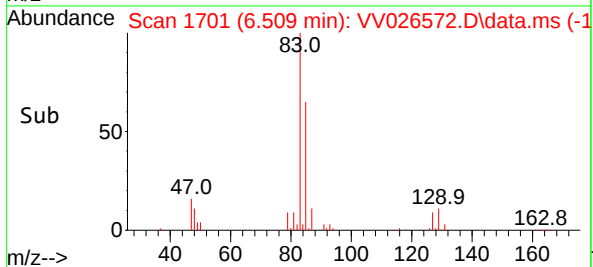
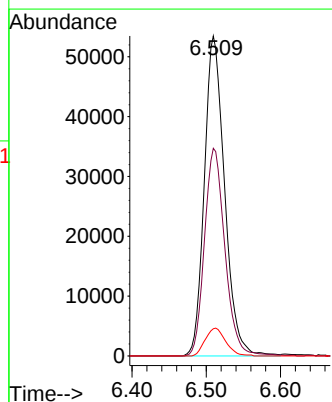
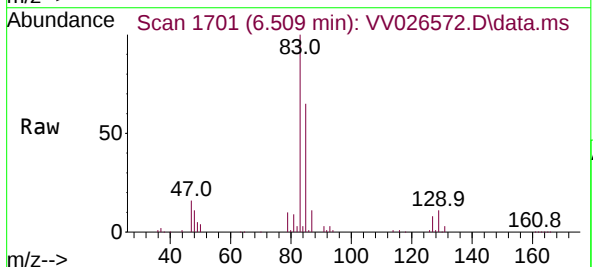
Tgt Ion: 83 Resp: 101375

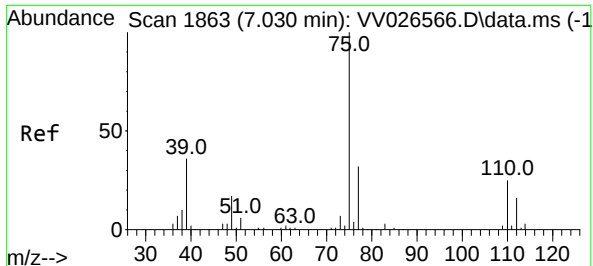
Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.8

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.608 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

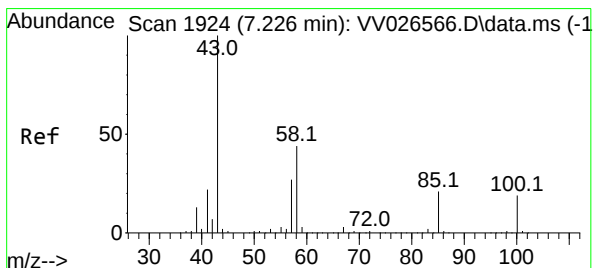
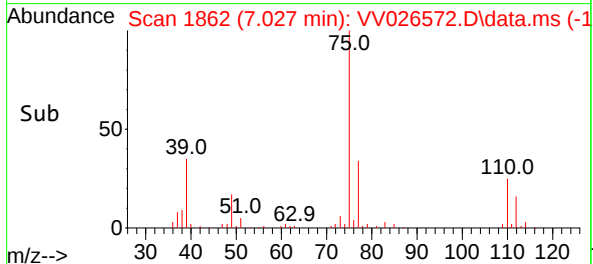
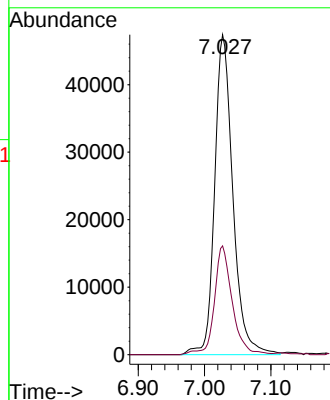
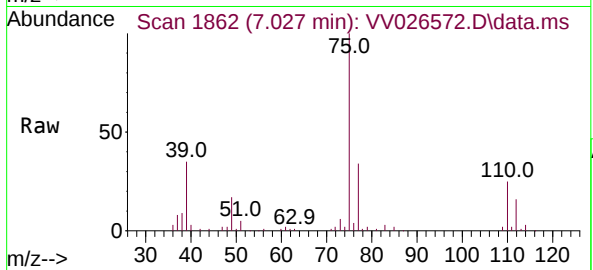
VSTD005338

Tgt Ion: 75 Resp: 90590

Ion Ratio Lower Upper

75 100

77 34.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 56.267 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

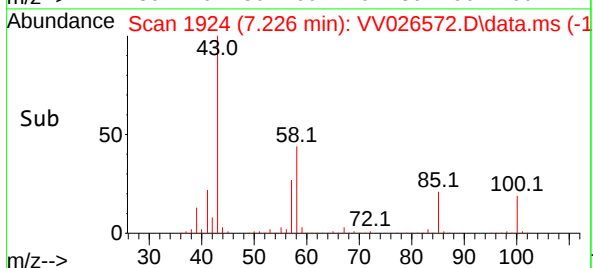
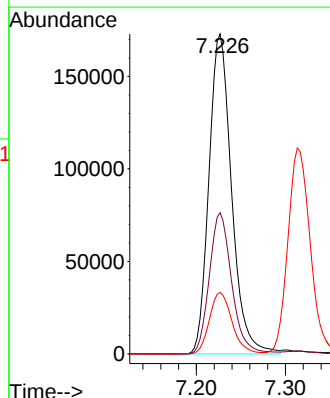
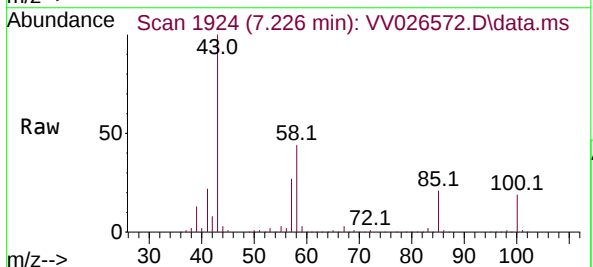
Tgt Ion: 43 Resp: 305459

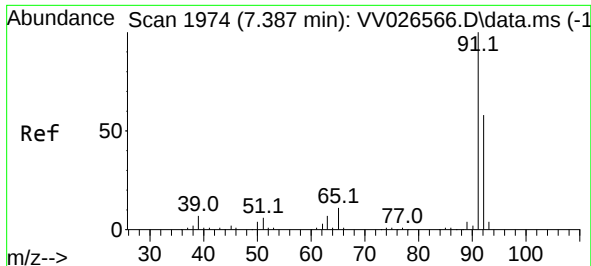
Ion Ratio Lower Upper

43 100

58 43.6 33.3 49.9

100 19.2 14.3 21.5





#42

Toluene

Concen: 5.406 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

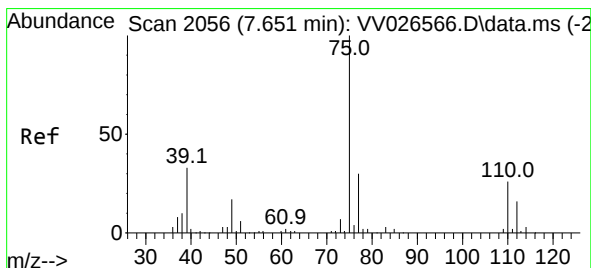
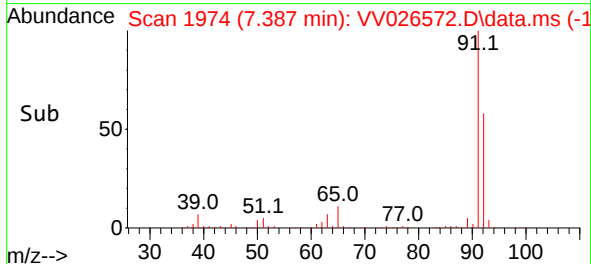
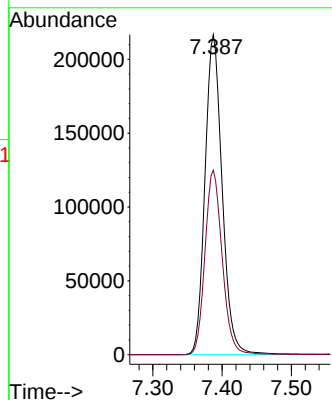
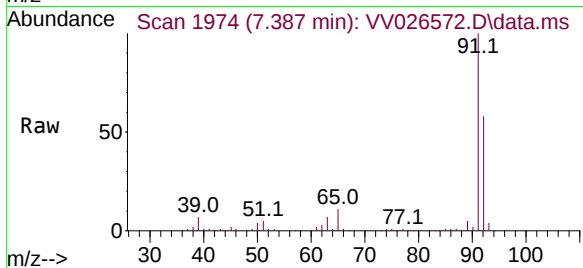
VSTD005338

Tgt Ion: 91 Resp: 372127

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 6.021 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV026572.D

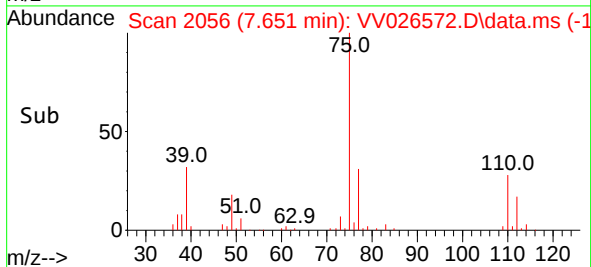
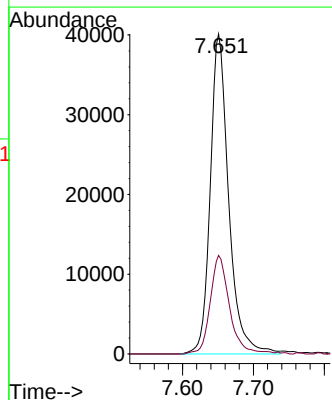
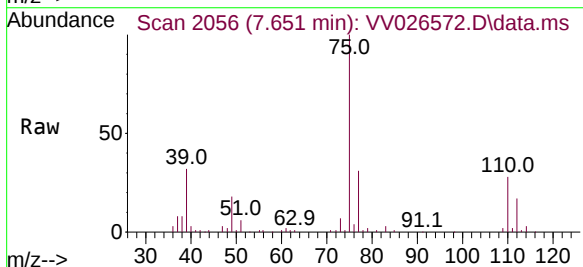
Acq: 27 Jun 2022 16:20

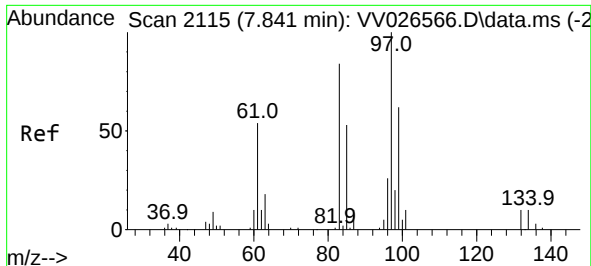
Tgt Ion: 75 Resp: 72343

Ion Ratio Lower Upper

75 100

77 30.8 23.1 42.9

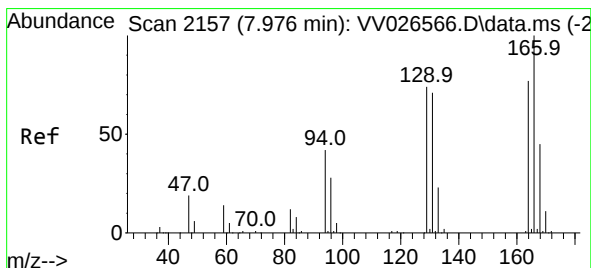
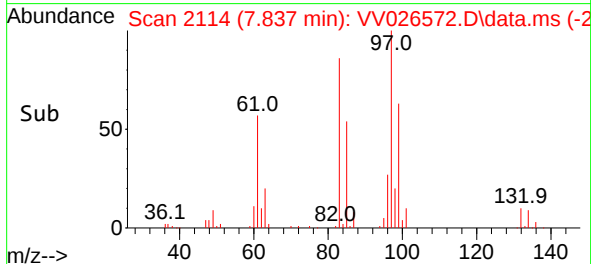
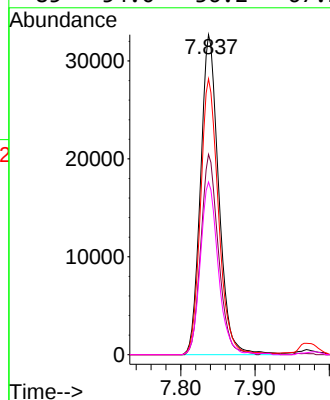
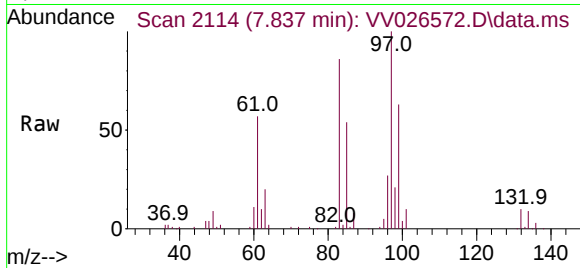




#45
1,1,2-Trichloroethane
Concen: 5.492 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

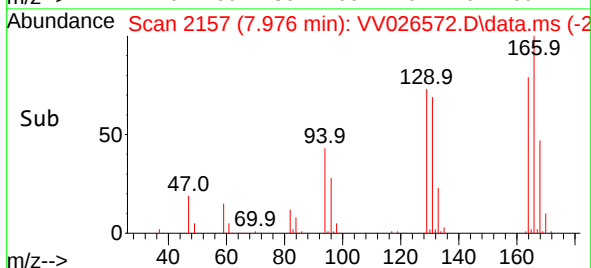
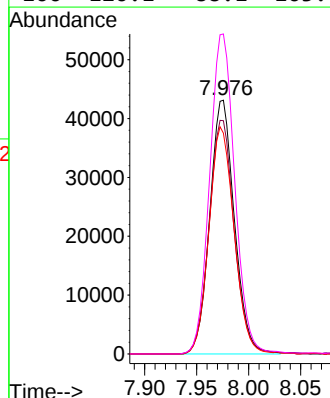
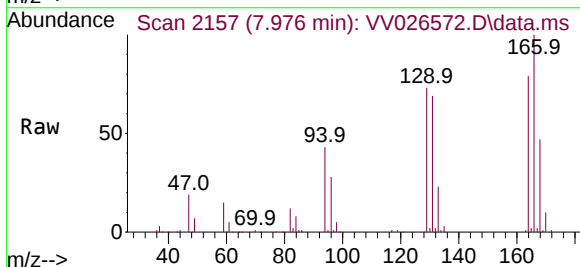
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

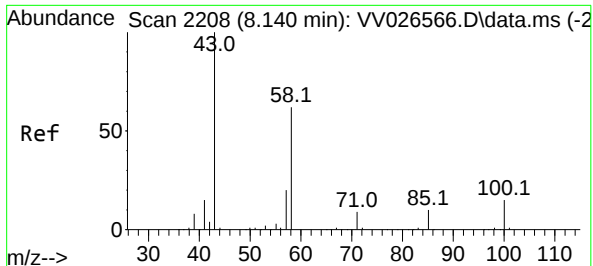
Tgt Ion:	97	Resp:	55665
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.4	80.6
83	86.2	58.0	107.8
85	54.0	36.2	67.2



#47
Tetrachloroethene
Concen: 5.097 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion:	164	Resp:	71144
Ion	Ratio	Lower	Upper
164	100		
129	91.9	66.4	123.2
131	87.0	64.4	119.6
166	126.1	88.1	163.7



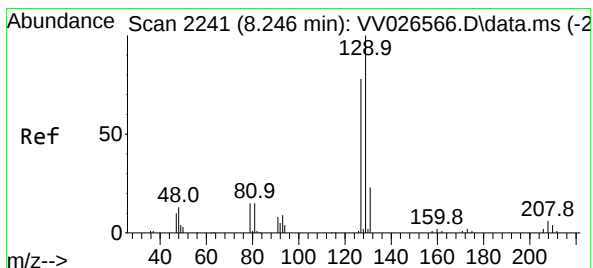
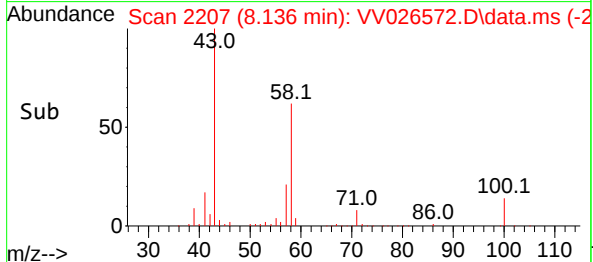
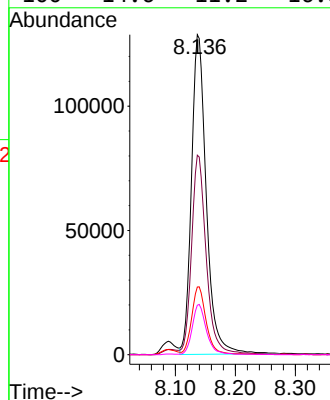
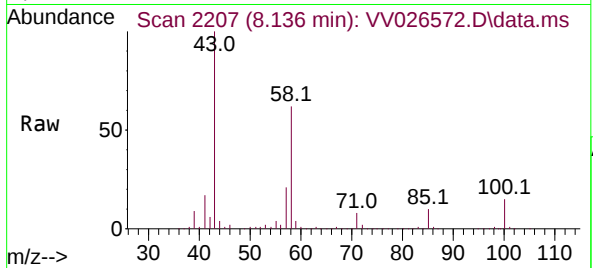


#48
2-Hexanone
Concen: 58.691 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Tgt Ion: 43 Resp: 221793

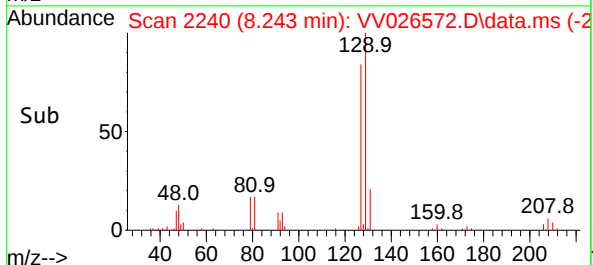
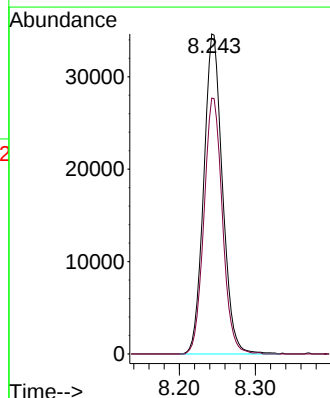
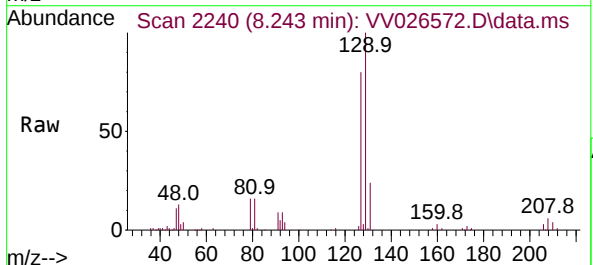
Ion	Ratio	Lower	Upper
43	100		
58	61.5	47.8	71.6
57	20.9	15.0	22.6
100	14.6	11.2	16.8

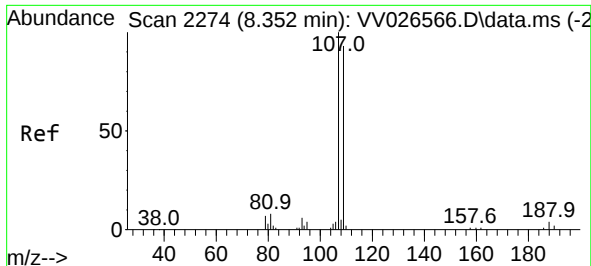


#49
Dibromochloromethane
Concen: 5.772 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion: 129 Resp: 59232

Ion	Ratio	Lower	Upper
129	100		
127	79.9	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.333 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

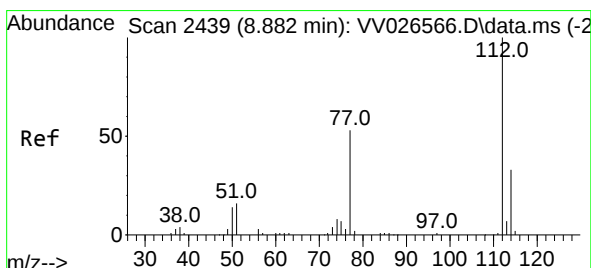
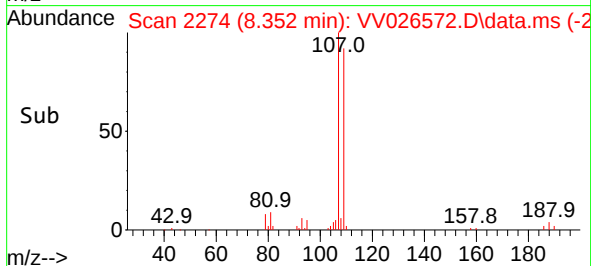
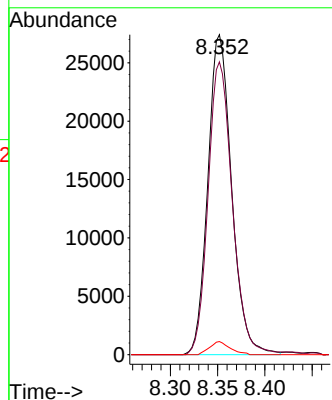
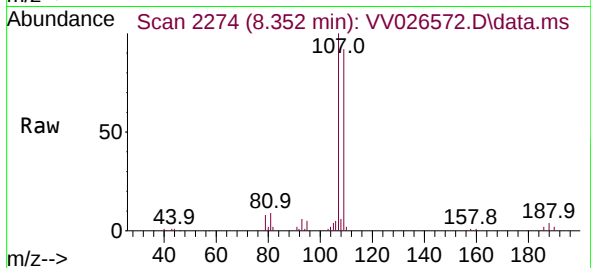
Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

Tgt Ion:107	Resp:	48055
Ion	Ratio	Lower Upper
107	100	
109	91.5	67.8 125.8
188	4.1	3.2 4.8



#51

Chlorobenzene

Concen: 5.232 ug/L

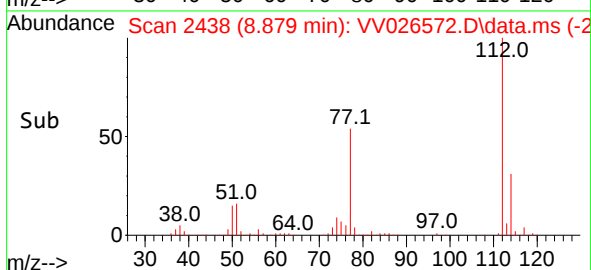
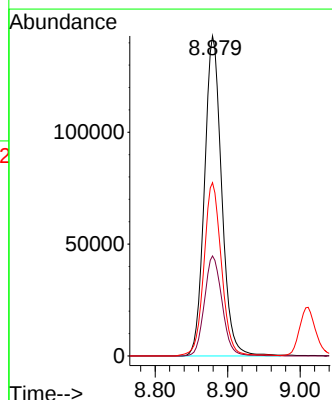
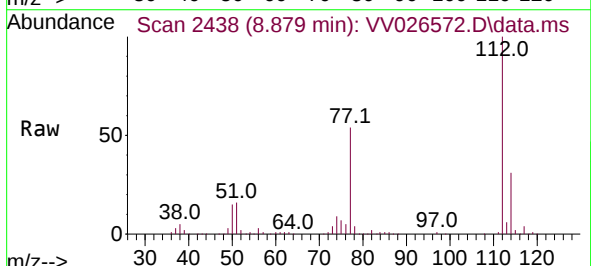
RT: 8.879 min Scan# 2438

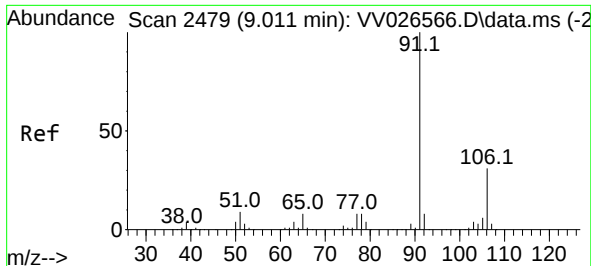
Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Tgt Ion:112	Resp:	235921
Ion	Ratio	Lower Upper
112	100	
114	31.3	22.3 41.5
77	54.1	44.4 66.6

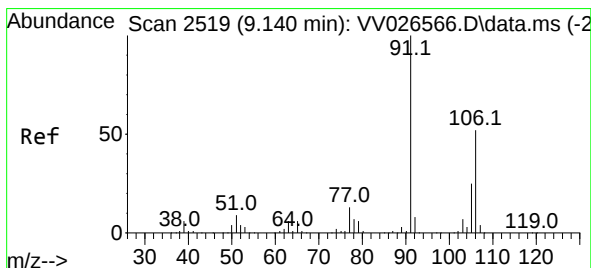
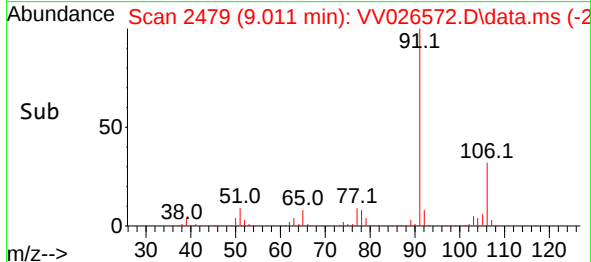
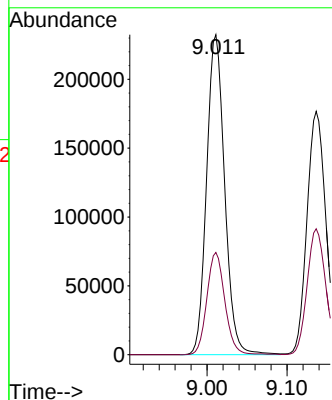
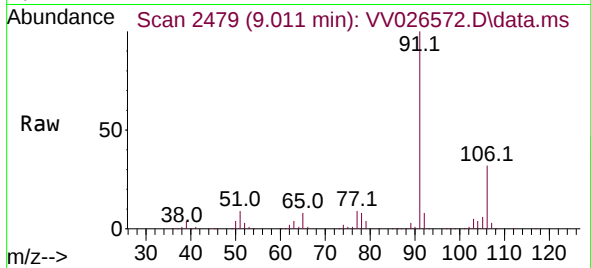




#52
Ethylbenzene
Concen: 5.130 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

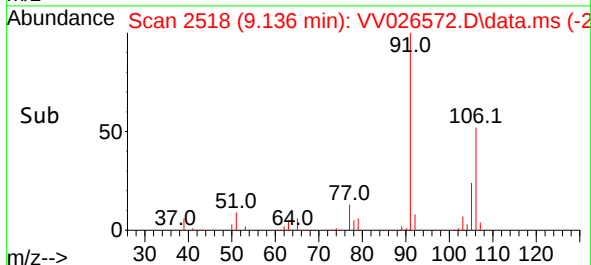
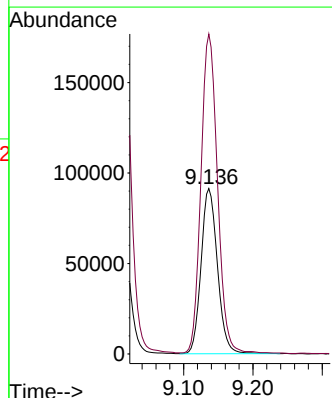
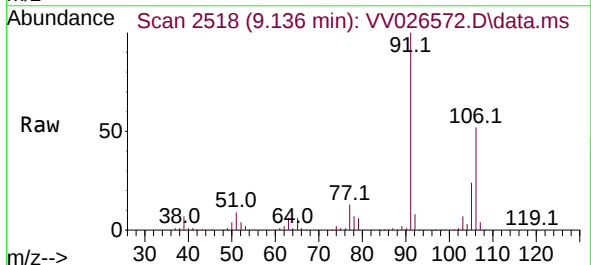
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

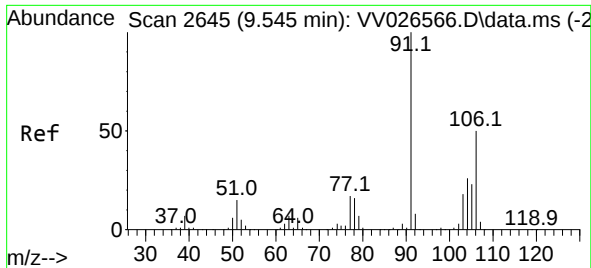
Tgt Ion: 91 Resp: 365241
Ion Ratio Lower Upper
91 100
106 32.0 22.1 41.1



#53
m,p-Xylene
Concen: 5.399 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion: 106 Resp: 149960
Ion Ratio Lower Upper
106 100
91 193.4 139.9 259.9

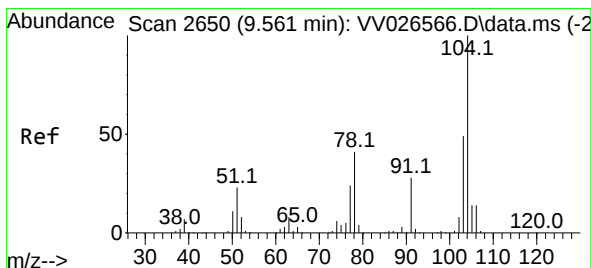
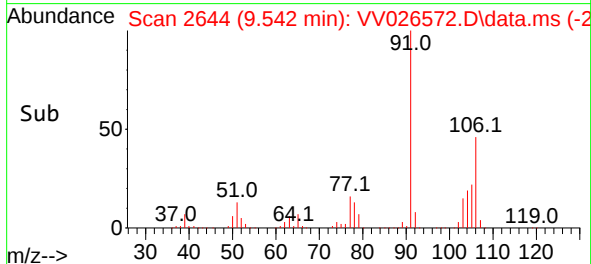
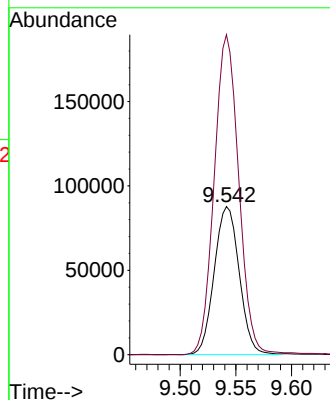
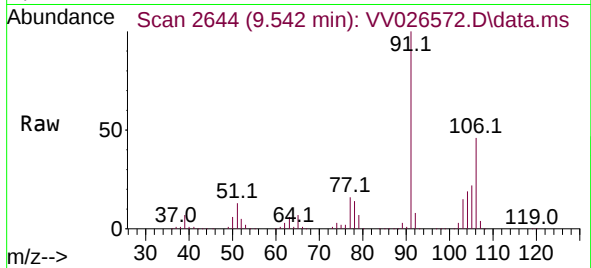




#54
o-Xylene
Concen: 5.266 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

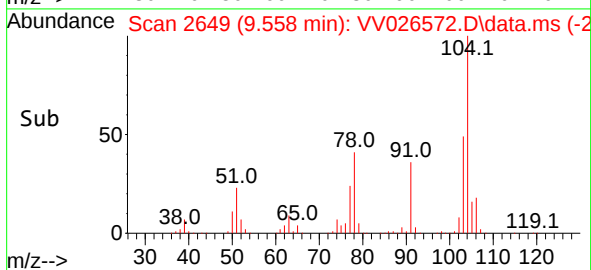
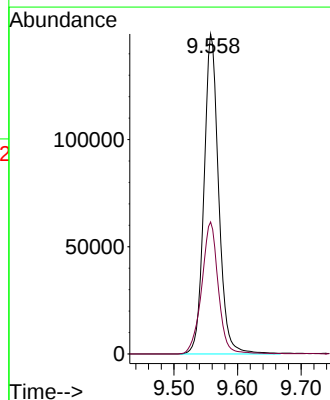
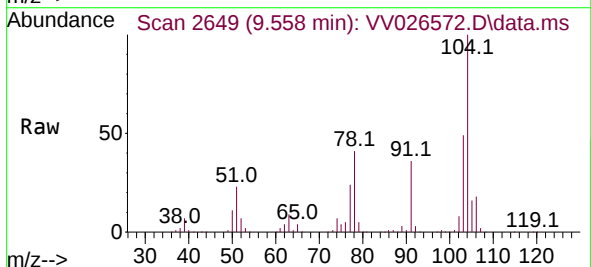
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

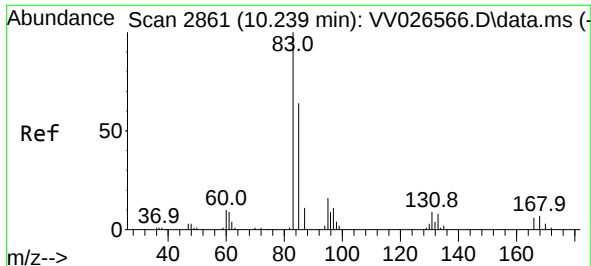
Tgt Ion:106 Resp: 137290
Ion Ratio Lower Upper
106 100
91 215.9 147.5 273.9



#55
Styrene
Concen: 5.540 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion:104 Resp: 239210
Ion Ratio Lower Upper
104 100
78 41.2 28.4 52.8

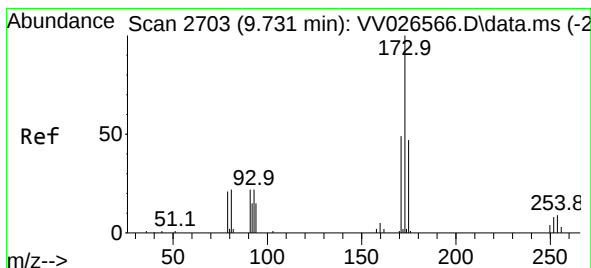
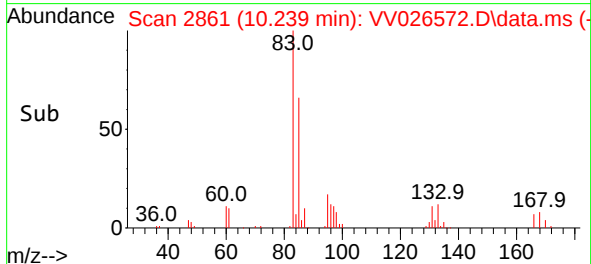
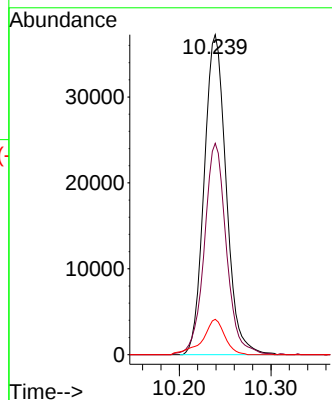
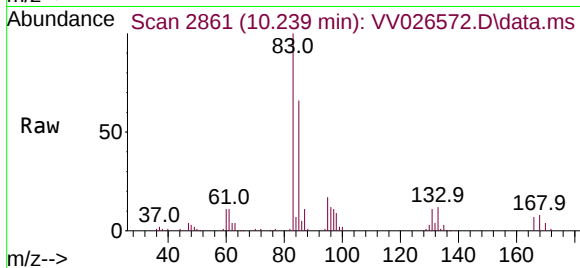




#57
1,1,2,2-Tetrachloroethane
Concen: 5.490 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

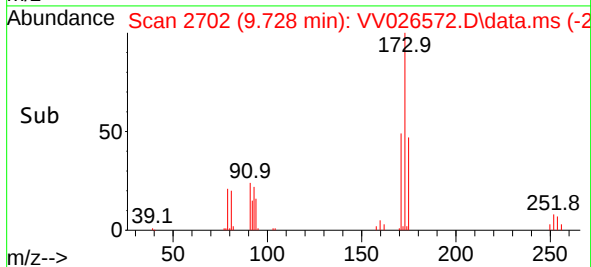
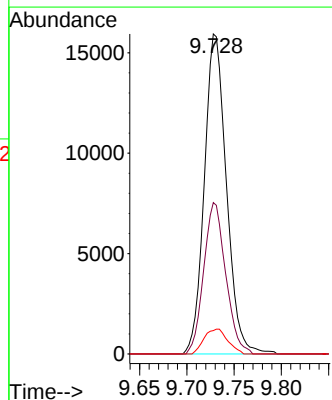
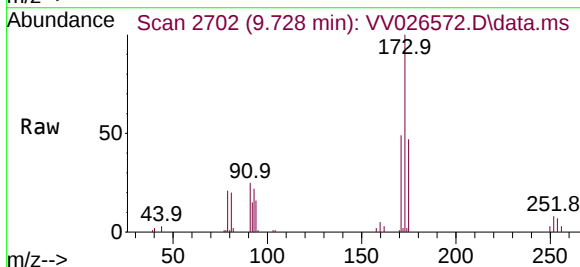
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

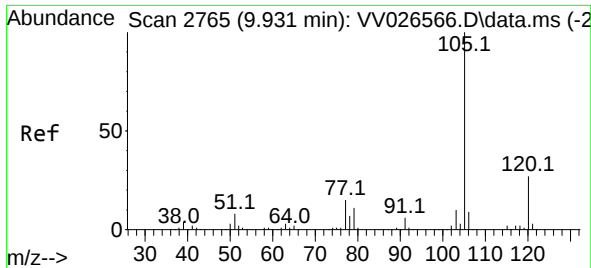
Tgt Ion: 83 Resp: 62130
Ion Ratio Lower Upper
83 100
85 66.1 44.3 82.3
131 11.0 8.0 12.0



#59
Bromoform
Concen: 5.856 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion: 173 Resp: 25957
Ion Ratio Lower Upper
173 100
175 46.9 37.9 56.9
254 8.3 6.3 9.5

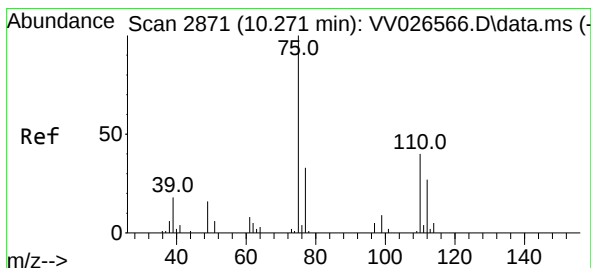
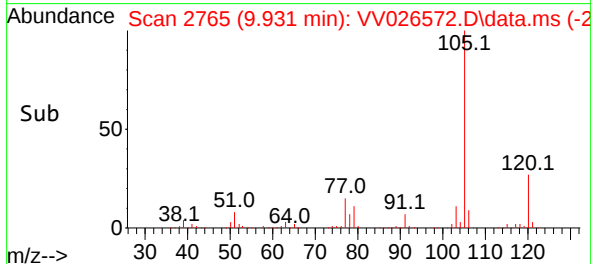
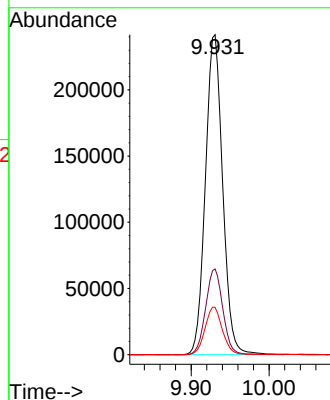
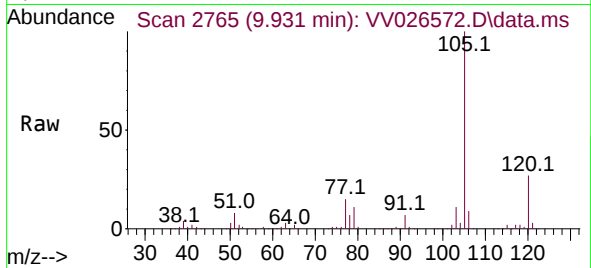




#60
Isopropylbenzene
Concen: 5.016 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

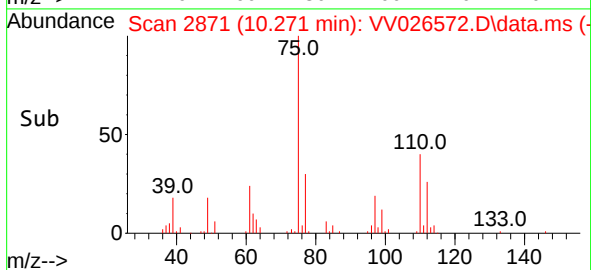
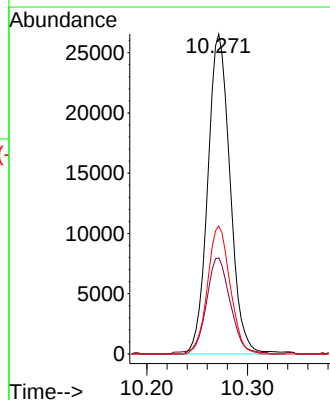
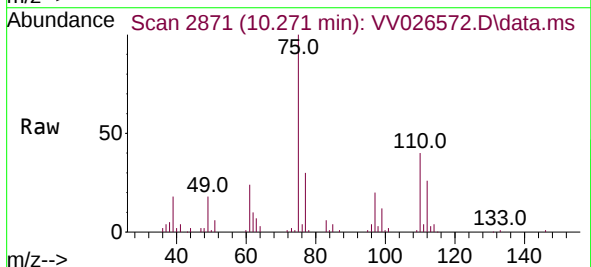
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

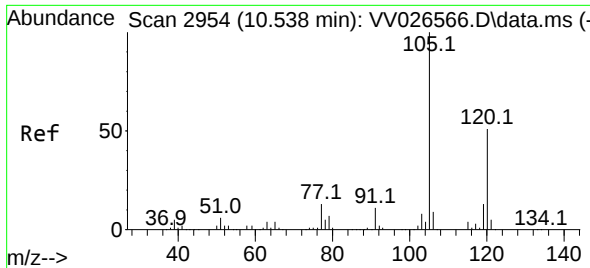
Tgt Ion:105 Resp: 372082
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 15.0 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.253 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026572.D
Acq: 27 Jun 2022 16:20

Tgt Ion: 75 Resp: 40912
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 40.5 32.5 48.7

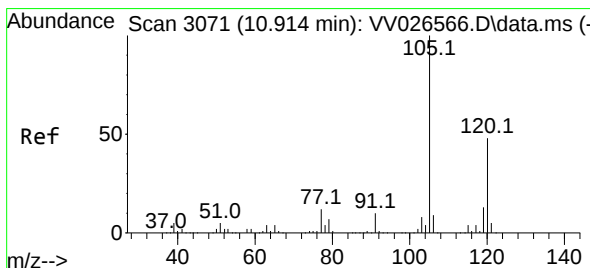
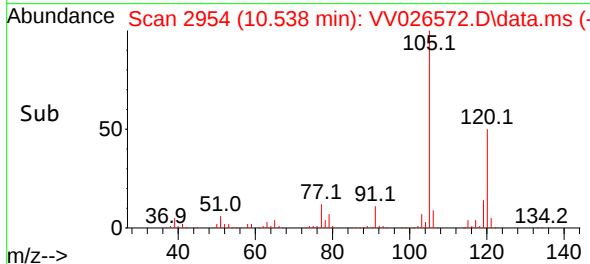
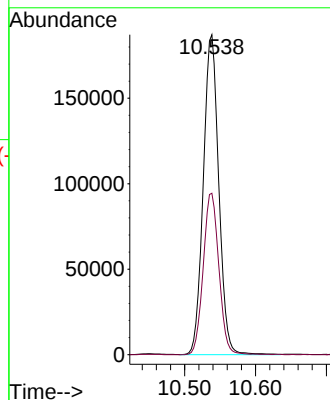
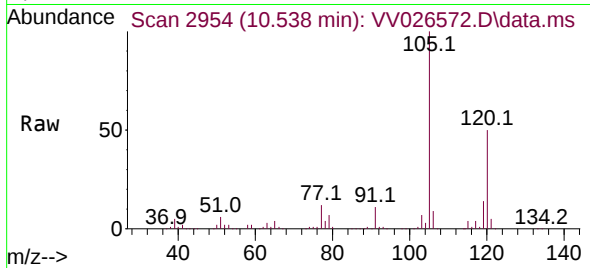




#62
 1,3,5-Trimethylbenzene
 Concen: 4.851 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

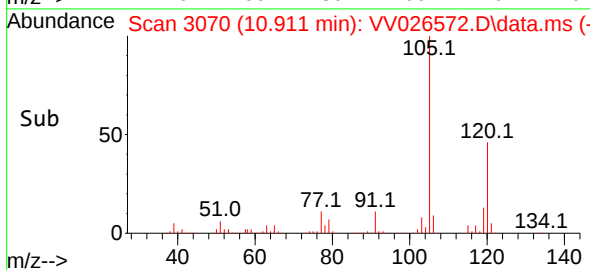
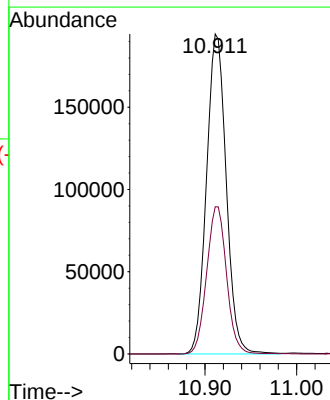
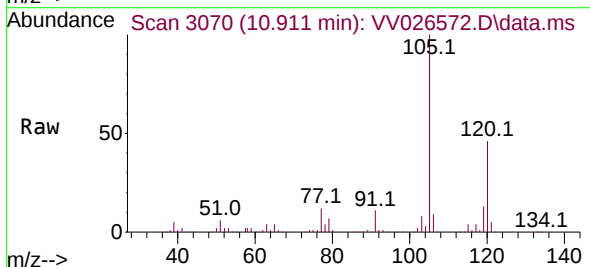
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

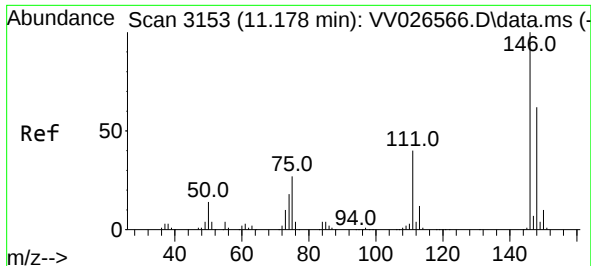
Tgt Ion:105 Resp: 284442
 Ion Ratio Lower Upper
 105 100
 120 51.0 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.026 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

Tgt Ion:105 Resp: 290571
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 5.106 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

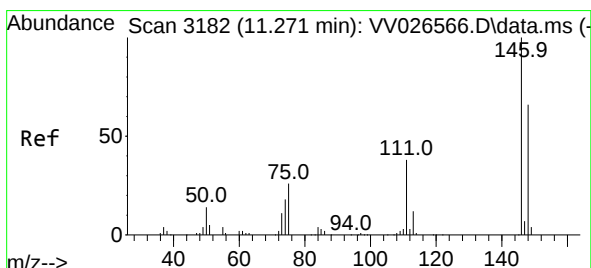
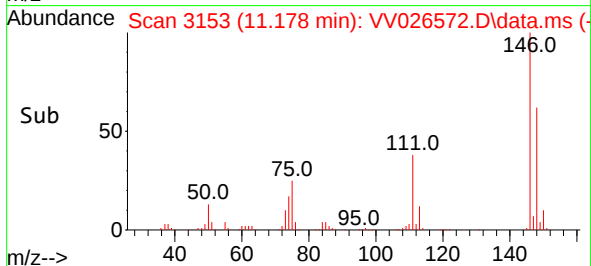
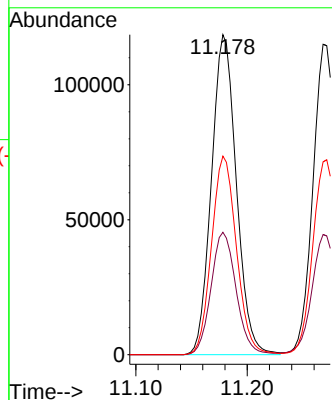
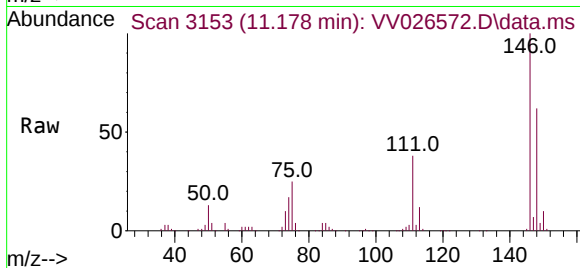
Tgt Ion:146 Resp: 184210

Ion Ratio Lower Upper

146 100

111 38.3 27.9 51.7

148 62.1 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 4.976 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.003 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

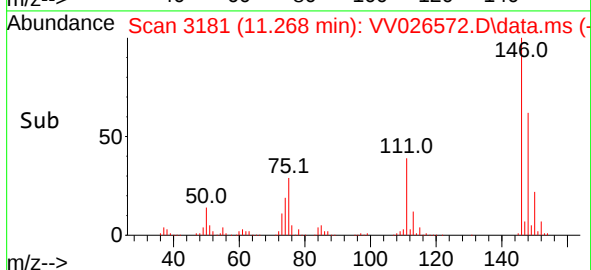
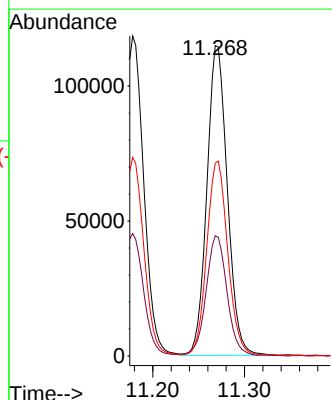
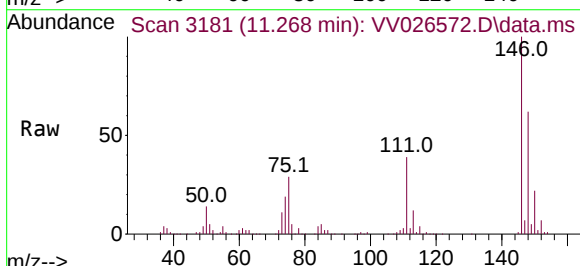
Tgt Ion:146 Resp: 178252

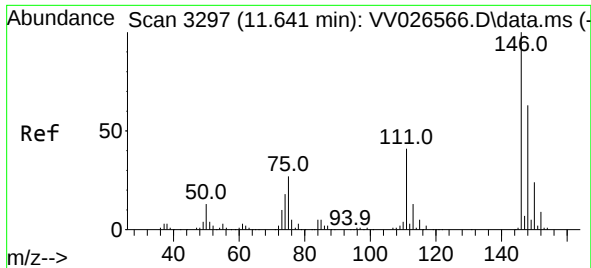
Ion Ratio Lower Upper

146 100

111 38.7 26.5 49.3

148 62.1 43.7 81.1

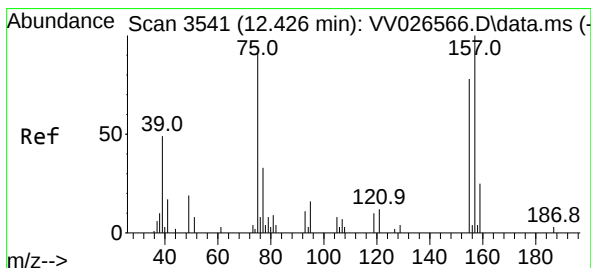
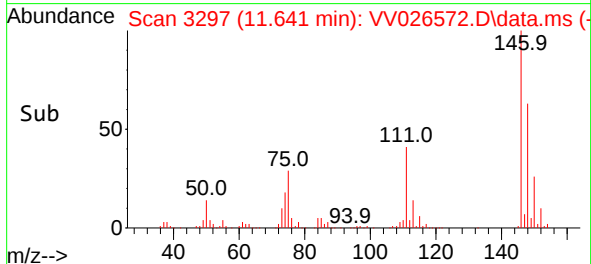
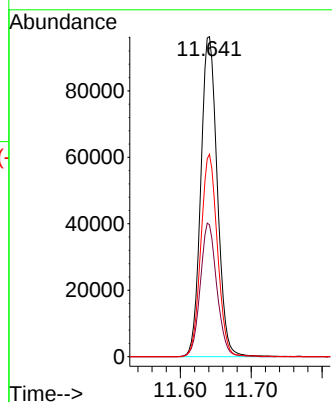
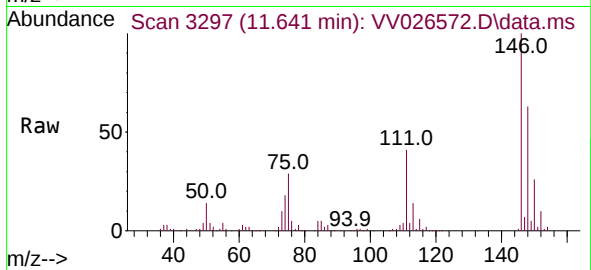




#67
 1,2-Dichlorobenzene
 Concen: 5.058 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

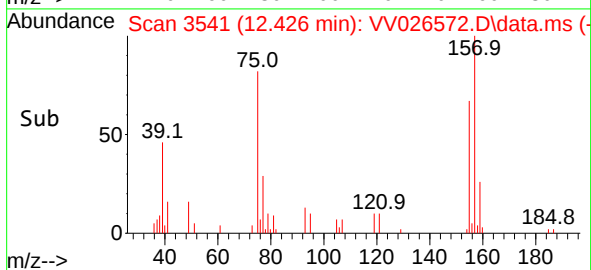
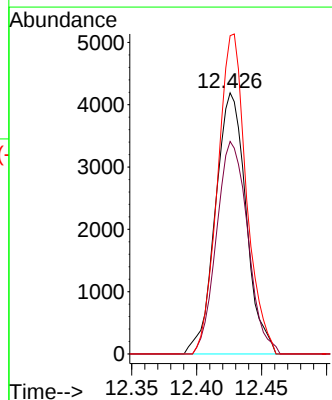
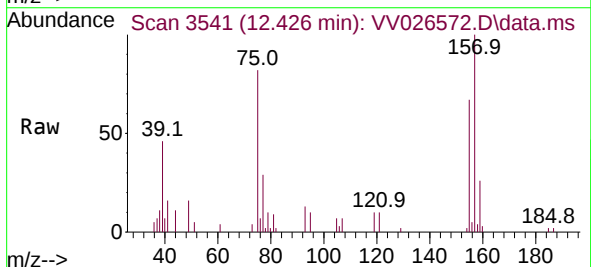
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

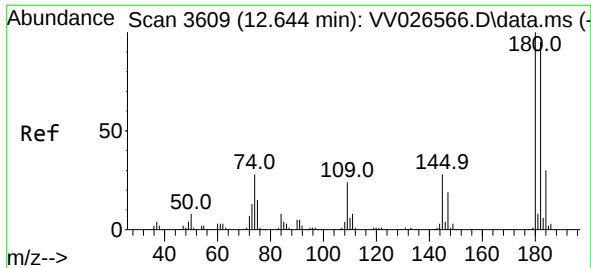
Tgt Ion:146 Resp: 155272
 Ion Ratio Lower Upper
 146 100
 111 41.2 32.8 49.2
 148 63.3 51.7 77.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.917 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

Tgt Ion: 75 Resp: 6868
 Ion Ratio Lower Upper
 75 100
 155 81.4 74.7 112.1
 157 121.9 96.9 145.3



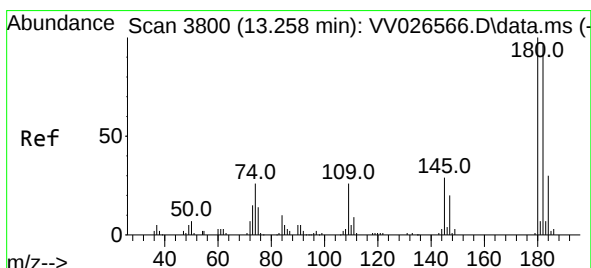
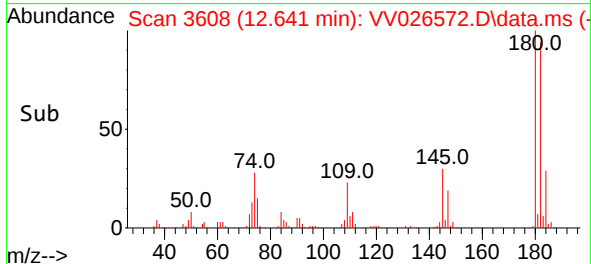
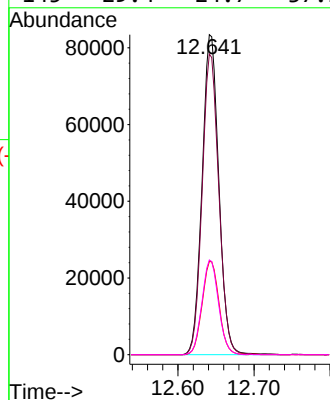
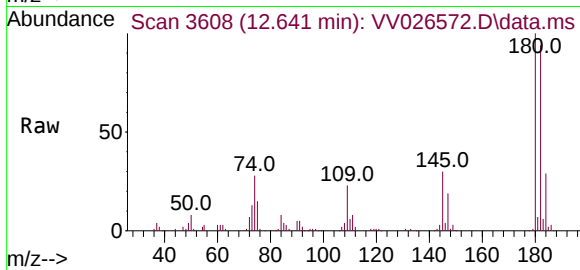


#69
 1,3,5-Trichlorobenzene
 Concen: 4.899 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Tgt Ion:180 Resp: 127101

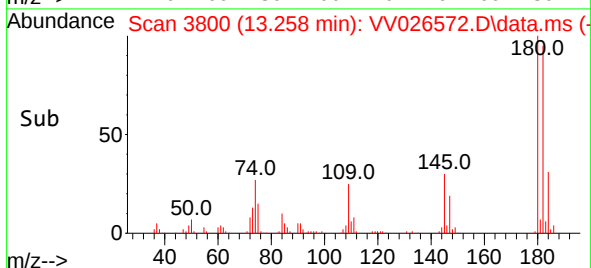
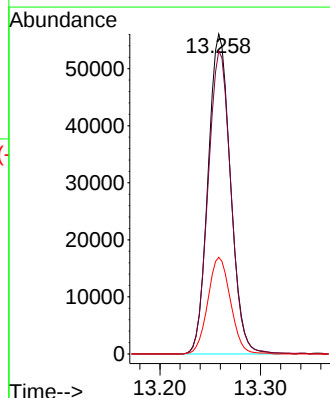
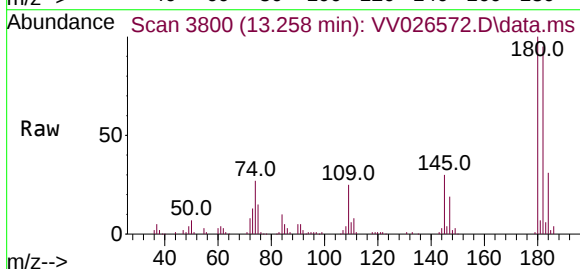
Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.6	115.0
184	29.3	24.1	36.1
145	29.4	24.7	37.1

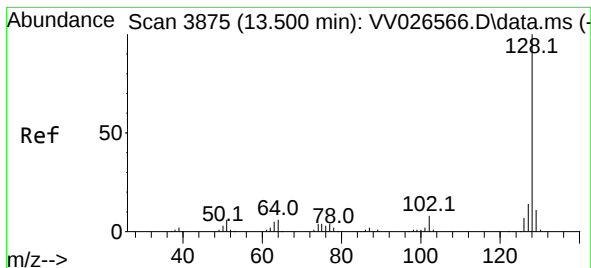


#70
 1,2,4-trichlorobenzene
 Concen: 4.735 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026572.D
 Acq: 27 Jun 2022 16:20

Tgt Ion:180 Resp: 86741

Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.2	112.8
145	30.6	24.4	36.6





#71

Naphthalene

Concen: 4.467 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

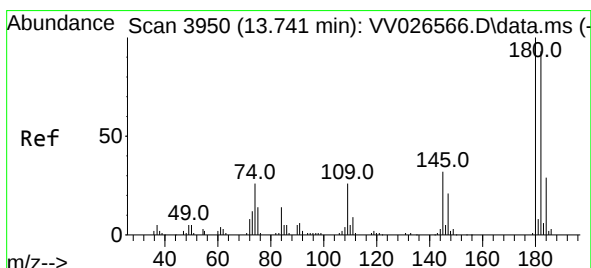
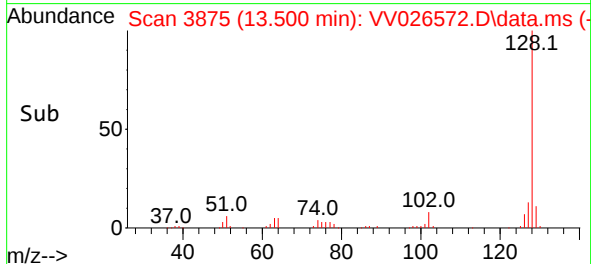
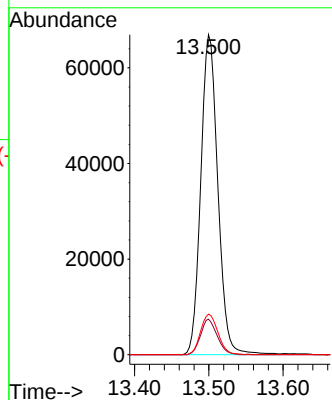
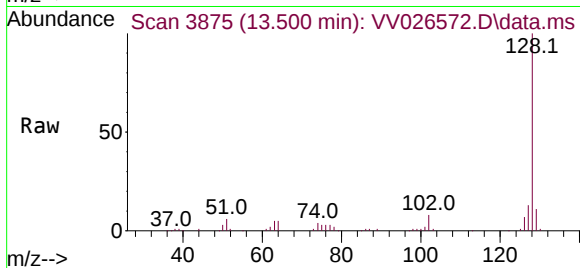
Tgt Ion:128 Resp: 106748

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.9 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.759 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026572.D

Acq: 27 Jun 2022 16:20

Tgt Ion:180 Resp: 71344

Ion Ratio Lower Upper

180 100

182 94.0 76.8 115.2

145 32.3 25.8 38.6

