

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025734.D
 Acq On : 29 Apr 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005396

Quant Time: May 02 01:19:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 27 05:32:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	187527	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	106199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	76540	4.390	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.571	69	79453	4.284	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.111	63	158916	4.550	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.000%	
20) 2-Butanone-d5	3.889	46	144277	68.031	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	136.060%#	
24) Chloroform-d	4.346	84	153282	5.818	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	116.400%	
26) 1,2-Dichloroethane-d4	5.030	65	68880	6.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	121.400%	
32) Benzene-d6	5.047	84	287566	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.066	67	86262	5.551	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.000%	
41) Toluene-d8	7.310	98	265277	5.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
43) trans-1,3-Dichloroprop...	7.619	79	27155	5.198	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.000%	
46) 2-Hexanone-d5	8.085	63	108126	58.978	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	117.960%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53620	5.461	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	90506	5.083	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	69743	4.117	ug/L	98
3) Chloromethane	1.246	50	82289	4.471	ug/L	99
5) Vinyl chloride	1.314	62	92959	4.469	ug/L	98
6) Bromomethane	1.526	94	55069	3.672	ug/L	99
8) Chloroethane	1.587	64	66472	4.140	ug/L	100
9) Trichlorofluoromethane	1.757	101	142896	4.891	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	83221	5.070	ug/L	97
12) 1,1-Dichloroethene	2.121	96	73007	4.489	ug/L	90
13) Acetone	2.185	43	83721	58.162	ug/L	97
14) Carbon disulfide	2.297	76	143099	3.675	ug/L	98
15) Methyl Acetate	2.439	43	18980	5.933	ug/L	94
16) Methylene chloride	2.506	84	67279	4.266	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	124068	4.930	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	61836	4.537	ug/L	98
19) 1,1-Dichloroethane	3.188	63	126349	5.473	ug/L	97
21) 2-Butanone	3.973	43	119583	60.122	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	70273	4.898	ug/L	93
23) Bromochloromethane	4.246	128	29010	4.870	ug/L	85
25) Chloroform	4.371	83	137855	5.657	ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

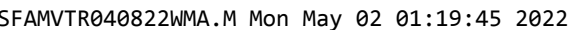
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 ClientSampleId :
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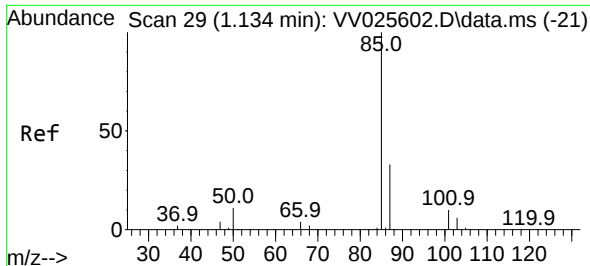
Quant Time: May 02 01:19:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70637	5.494	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	118185	5.203	ug/L	99
30) Cyclohexane	4.674	56	84830	4.107	ug/L	98
31) Carbon tetrachloride	4.825	117	98314	5.118	ug/L	99
33) Benzene	5.095	78	279546	4.914	ug/L	100
34) Trichloroethene	5.908	95	73385	4.858	ug/L	97
35) Methylcyclohexane	6.127	83	101545	4.213	ug/L	94
37) 1,2-Dichloropropane	6.169	63	69219	5.259	ug/L	99
38) Bromodichloromethane	6.506	83	90525	5.540	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	87219	5.057	ug/L	94
40) 4-Methyl-2-pentanone	7.223	43	301528	57.216	ug/L	96
42) Toluene	7.384	91	308401	4.983	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	71577	5.341	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	46420	5.267	ug/L	98
47) Tetrachloroethene	7.972	164	53868	4.555	ug/L	96
48) 2-Hexanone	8.136	43	224626	61.162	ug/L	96
49) Dibromochloromethane	8.243	129	54631	5.646	ug/L	99
50) 1,2-Dibromoethane	8.349	107	40703	4.916	ug/L	97
51) Chlorobenzene	8.879	112	194284	4.917	ug/L	99
52) Ethylbenzene	9.008	91	317813	4.815	ug/L	99
53) m,p-Xylene	9.136	106	126291	5.032	ug/L	95
54) o-Xylene	9.542	106	120120	4.928	ug/L	96
55) Styrene	9.558	104	208229	5.254	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	44384	5.040	ug/L	99
59) Bromoform	9.728	173	24014	5.478	ug/L	97
60) Isopropylbenzene	9.927	105	323929	4.928	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36643	5.239	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	133873	4.567	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	252664	4.784	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	152083	4.956	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	149715	4.807	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	135041	4.969	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7083	5.857	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	110900	4.750	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	78280	4.350	ug/L	99
71) Naphthalene	13.500	128	110438	4.183	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67239	4.512	ug/L	98

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

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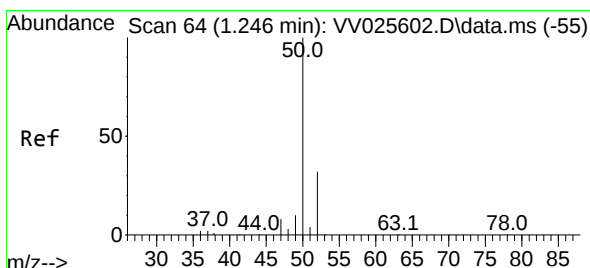
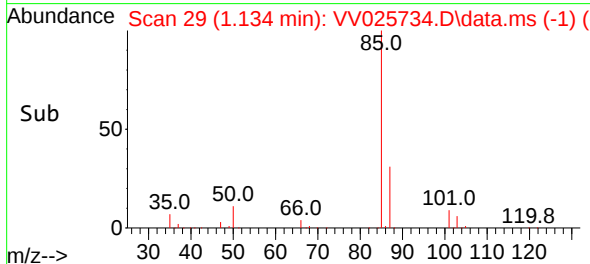
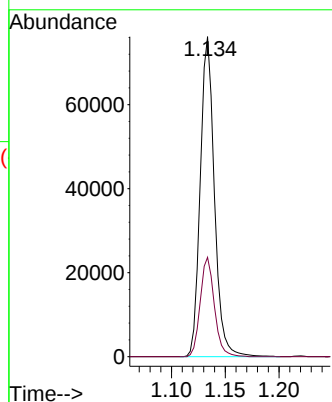
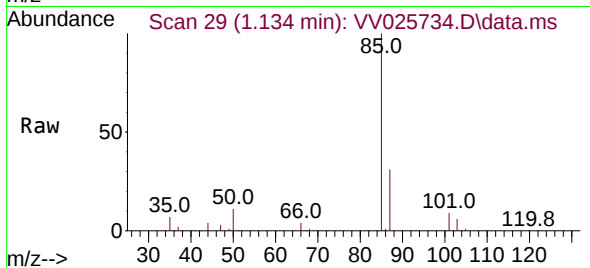




#2
 Dichlorodifluoromethane
 Concen: 4.117 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025734.D
 Acq: 29 Apr 2022 09:24

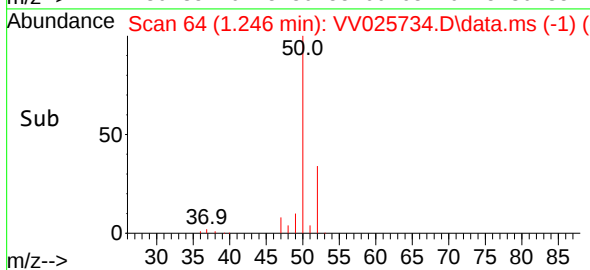
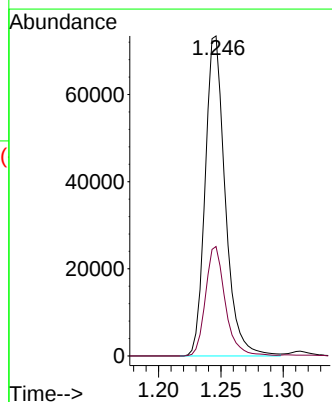
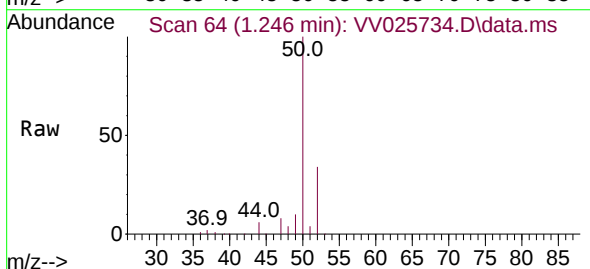
Instrument :
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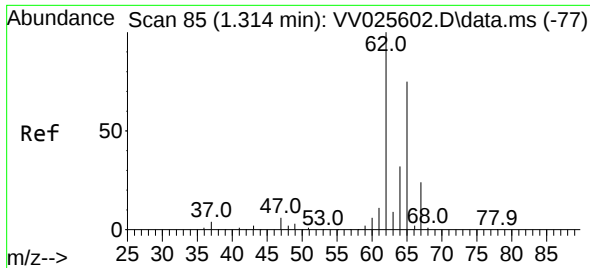
Tgt Ion: 85 Resp: 69743
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.471 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VV025734.D
 Acq: 29 Apr 2022 09:24

Tgt Ion: 50 Resp: 82289
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.7 43.9

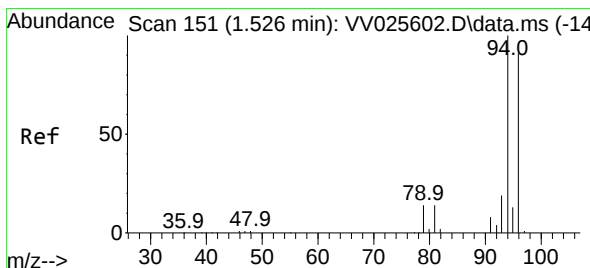
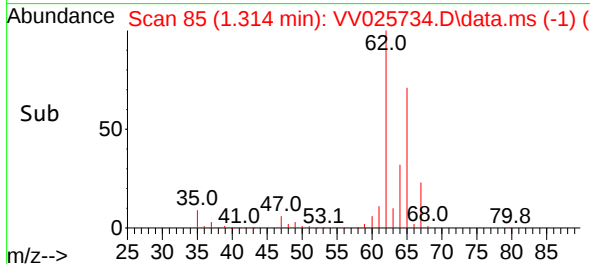
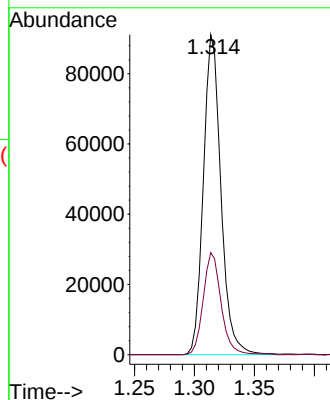
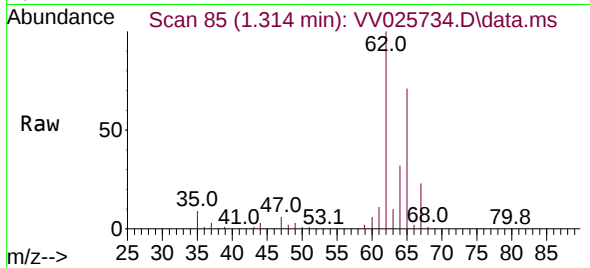




#5
 Vinyl chloride
 Concen: 4.469 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025734.D
 Acq: 29 Apr 2022 09:24

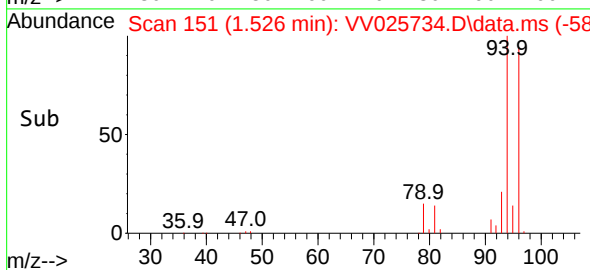
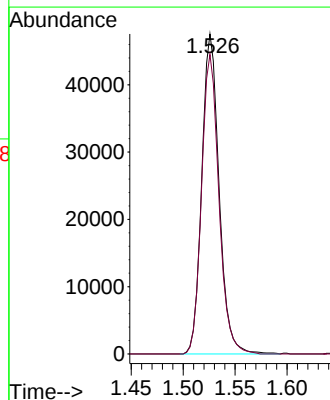
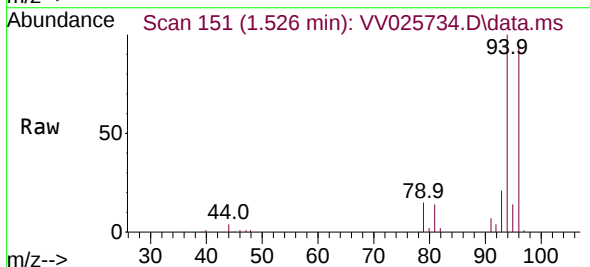
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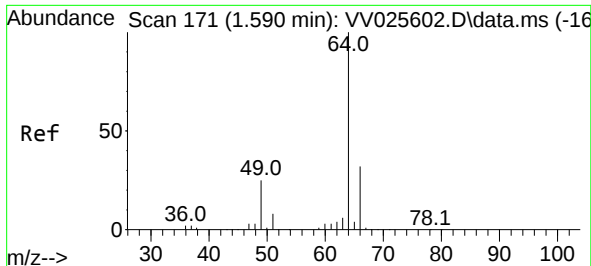
Tgt Ion: 62 Resp: 92959
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.2 43.2



#6
 Bromomethane
 Concen: 3.672 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025734.D
 Acq: 29 Apr 2022 09:24

Tgt Ion: 94 Resp: 55069
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.1 122.7

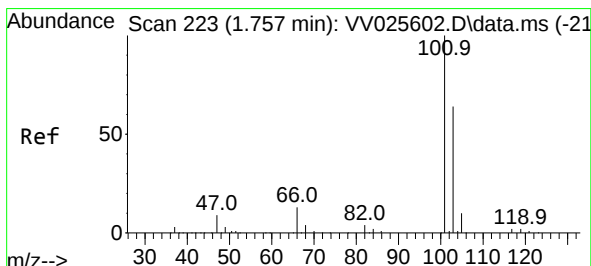
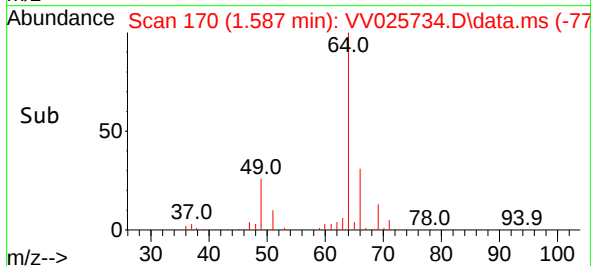
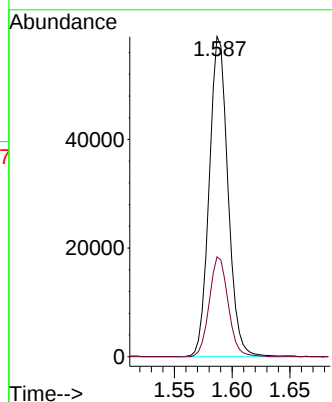
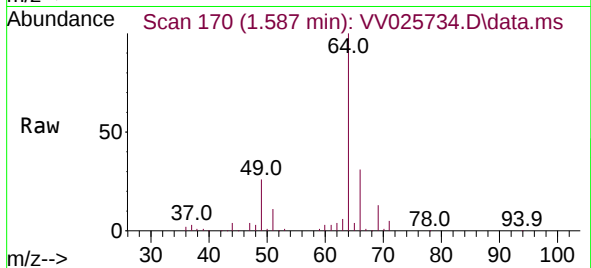




#8
Chloroethane
Concen: 4.140 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

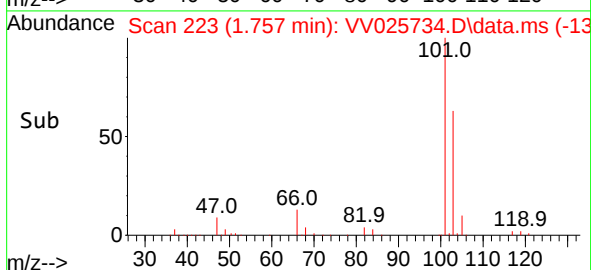
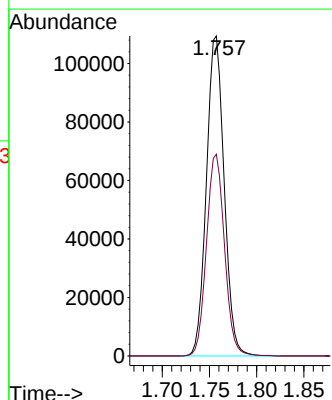
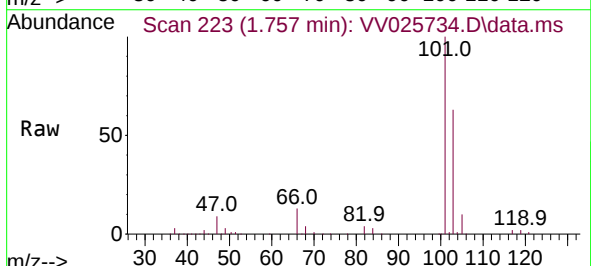
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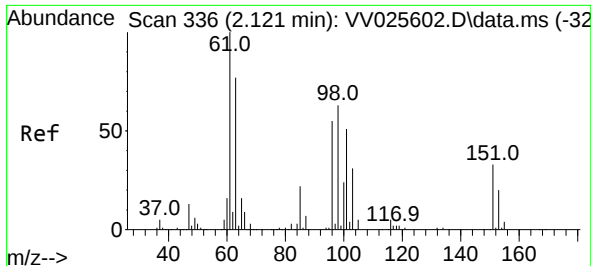
Tgt Ion: 64 Resp: 66472
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.891 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion:101 Resp: 142896
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

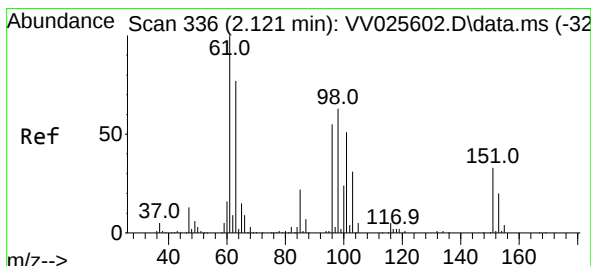
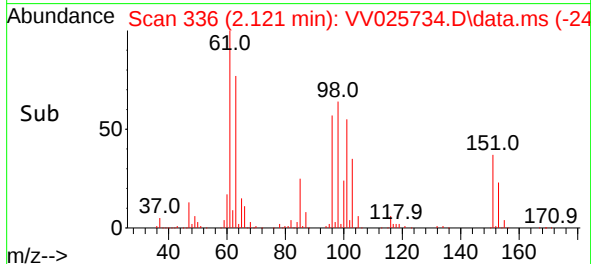
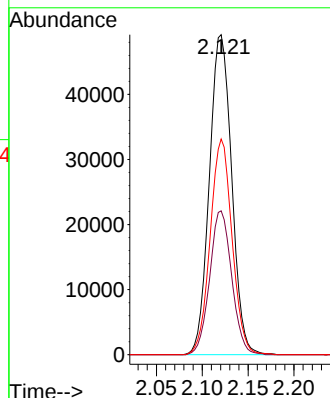
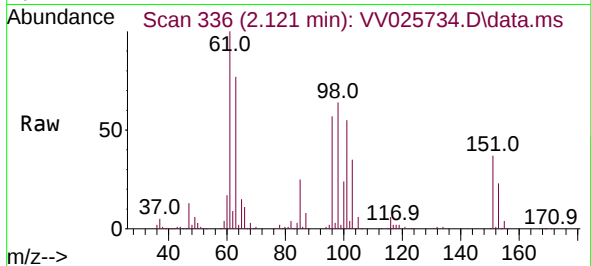




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.070 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025734.D
 Acq: 29 Apr 2022 09:24

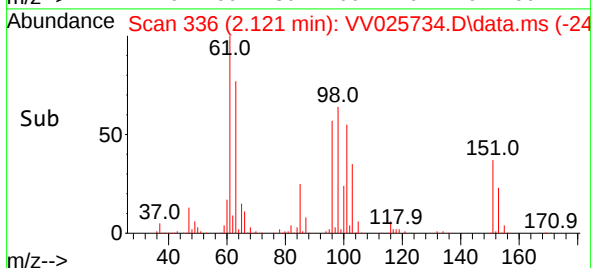
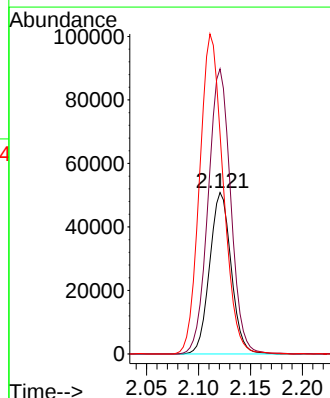
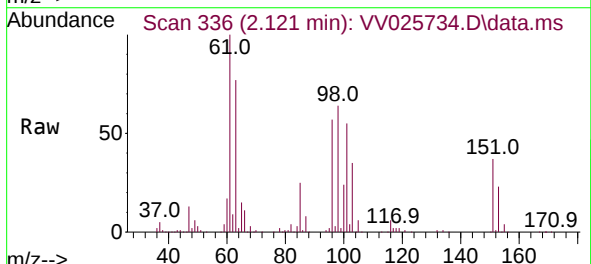
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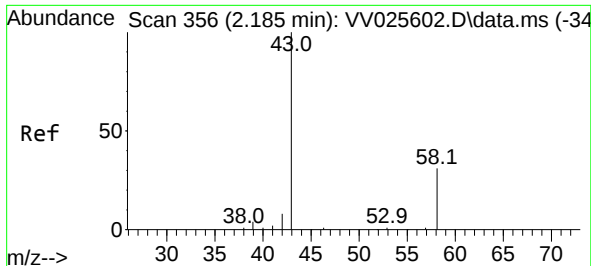
Tgt Ion:101 Resp: 83221
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.9 53.9
 151 66.2 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.489 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025734.D
 Acq: 29 Apr 2022 09:24

Tgt Ion: 96 Resp: 73007
 Ion Ratio Lower Upper
 96 100
 61 176.7 125.2 232.4
 63 136.5 114.4 212.4





#13

Acetone

Concen: 58.162 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

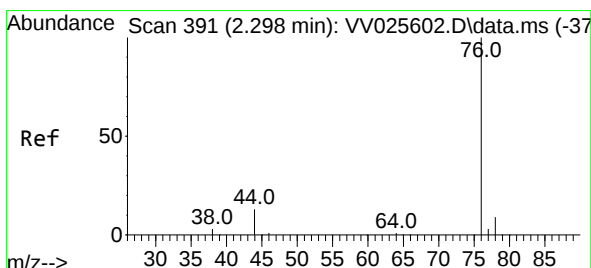
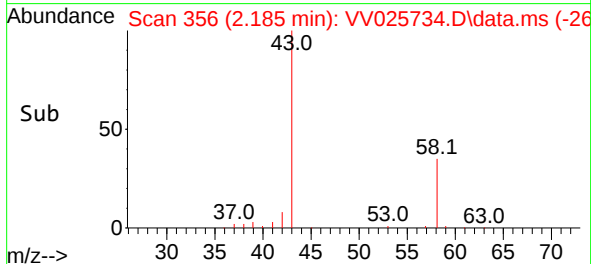
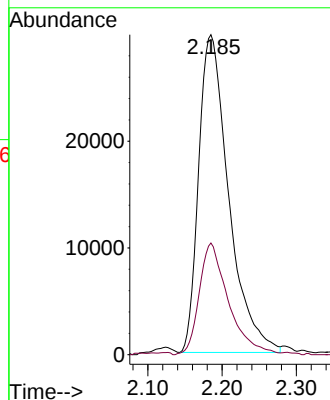
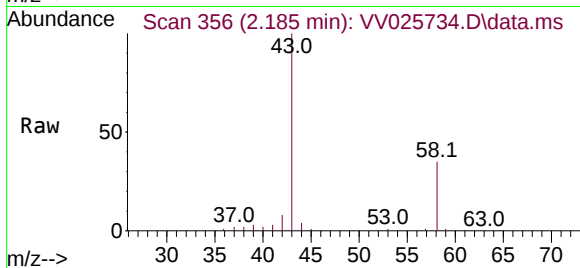
VSTD005396

Tgt Ion: 43 Resp: 83721

Ion Ratio Lower Upper

43 100

58 34.1 0.0 72.2



#14

Carbon disulfide

Concen: 3.675 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025734.D

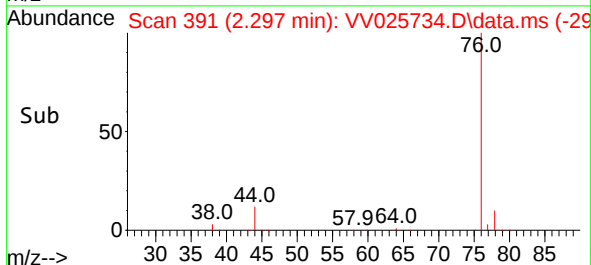
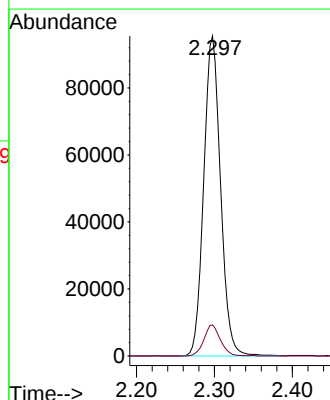
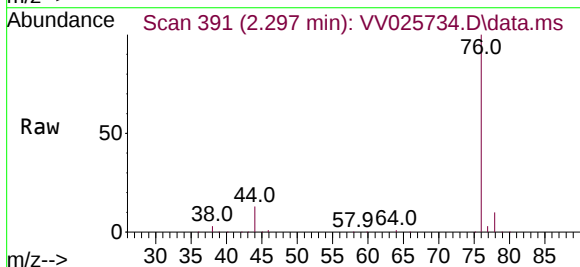
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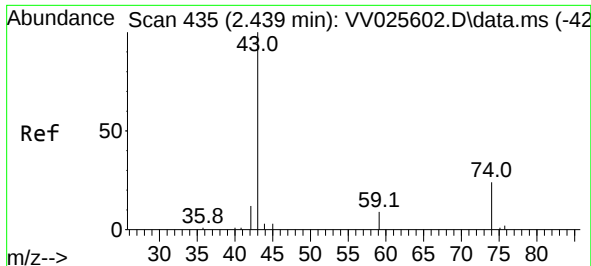
Tgt Ion: 76 Resp: 143099

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





#15

Methyl Acetate

Concen: 5.933 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

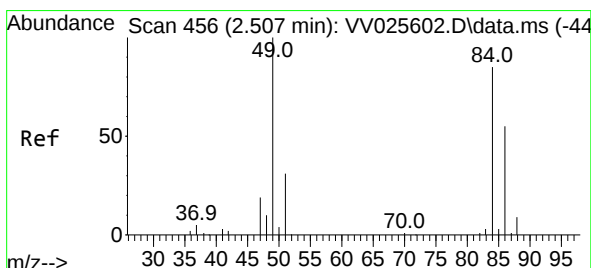
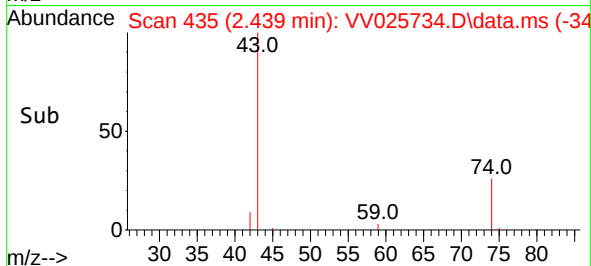
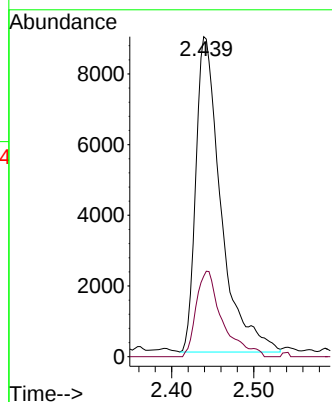
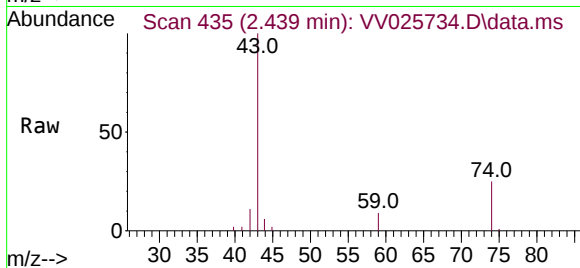
VSTD005396

Tgt Ion: 43 Resp: 18980

Ion Ratio Lower Upper

43 100

74 28.1 25.2 37.8



#16

Methylene chloride

Concen: 4.266 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

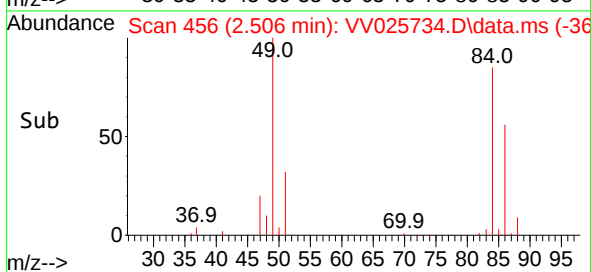
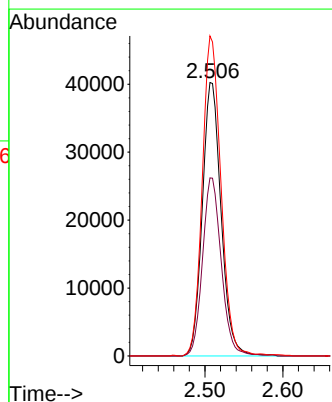
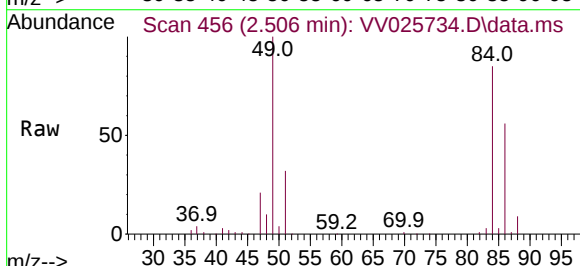
Tgt Ion: 84 Resp: 67279

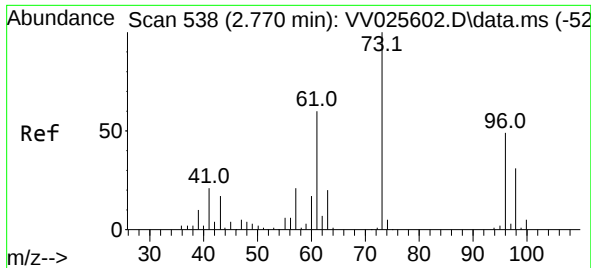
Ion Ratio Lower Upper

84 100

86 65.1 45.9 85.3

49 117.0 76.6 142.3

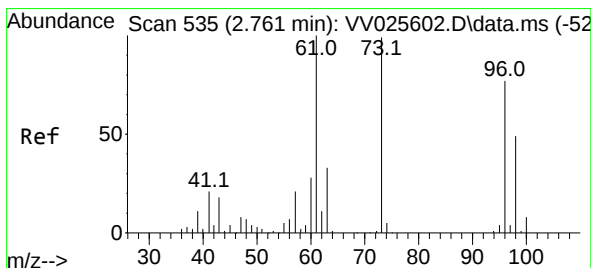
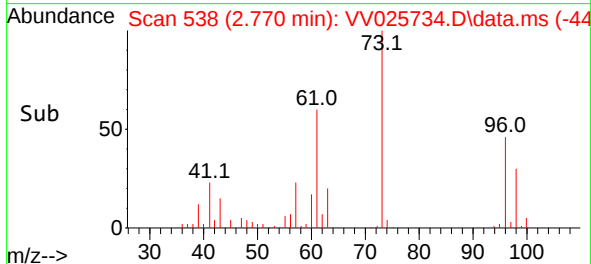
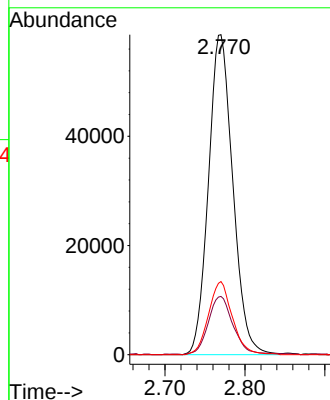
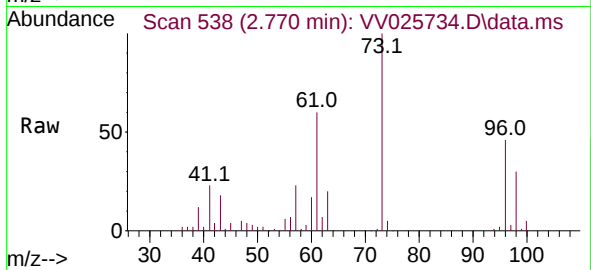




#17
Methyl tert-butyl Ether
Concen: 4.930 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

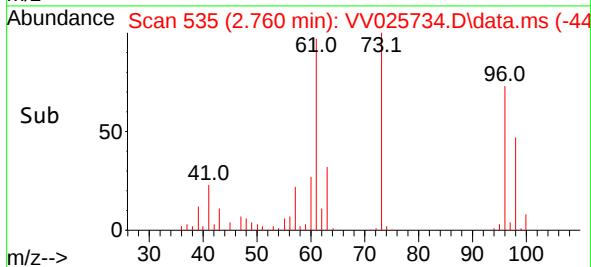
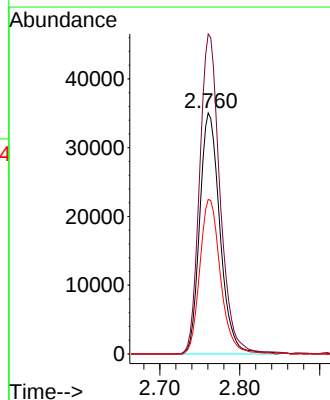
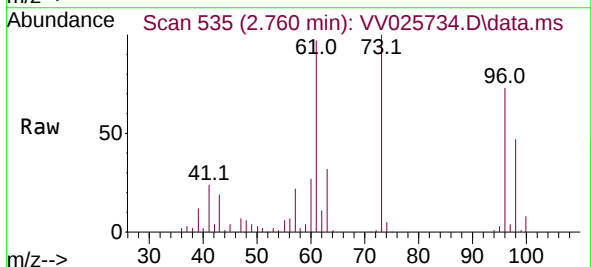
Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

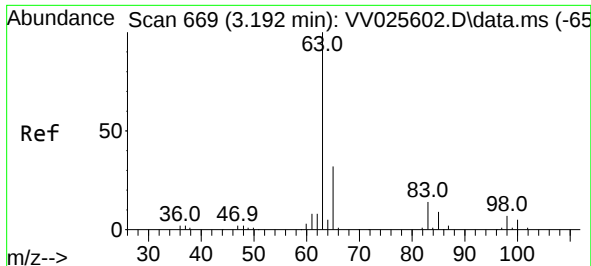
Tgt Ion: 73 Resp: 124068
Ion Ratio Lower Upper
73 100
43 18.9 14.2 21.4
57 22.4 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.537 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion: 96 Resp: 61836
Ion Ratio Lower Upper
96 100
61 132.7 92.1 171.1
98 64.1 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.473 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005396

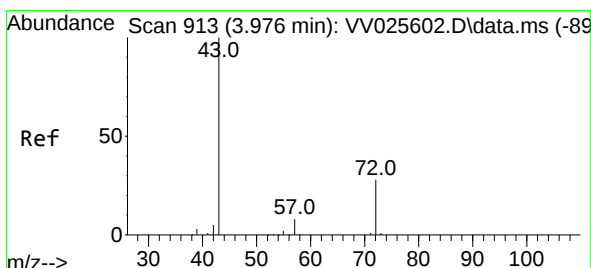
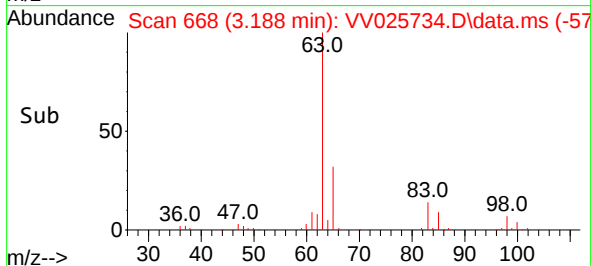
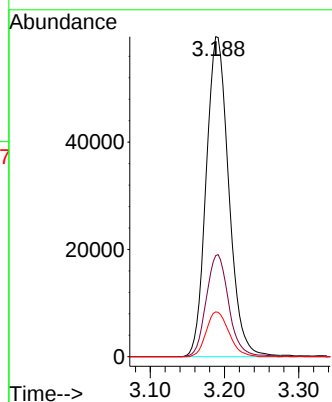
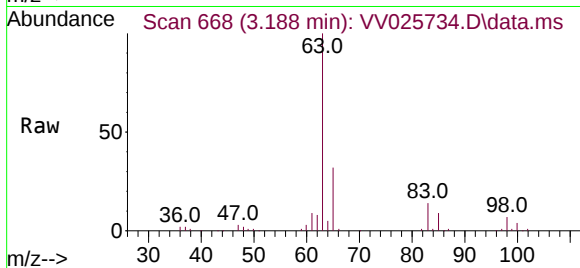
Tgt Ion: 63 Resp: 126349

Ion Ratio Lower Upper

63 100

65 31.6 23.2 43.0

83 14.0 9.0 16.8



#21

2-Butanone

Concen: 60.122 ug/L

RT: 3.973 min Scan# 912

Delta R.T. 0.003 min

Lab File: VV025734.D

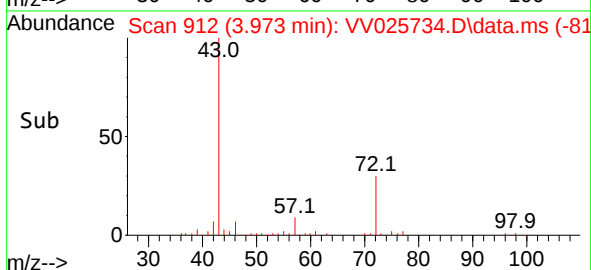
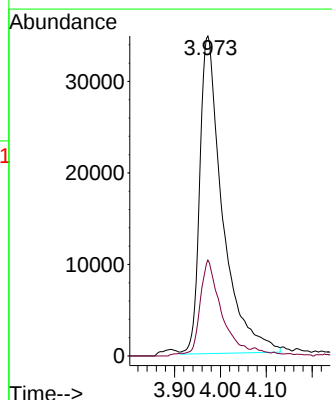
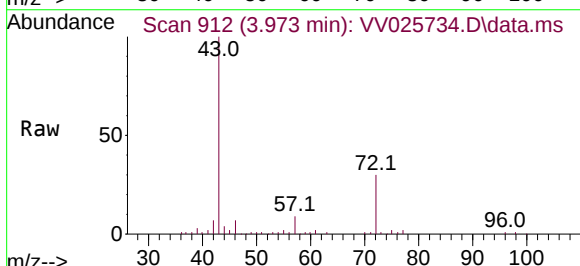
Acq: 29 Apr 2022 09:24

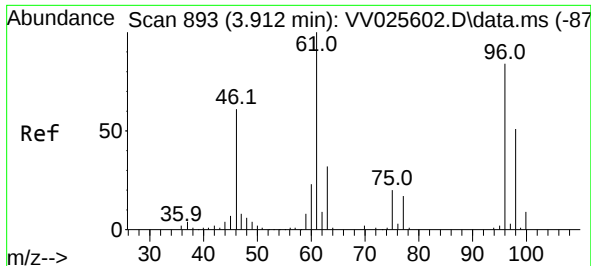
Tgt Ion: 43 Resp: 119583

Ion Ratio Lower Upper

43 100

72 28.3 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 4.898 ug/L

RT: 3.908 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005396

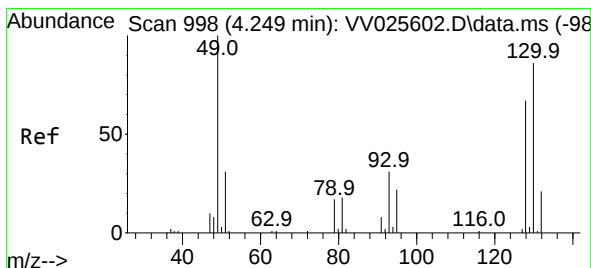
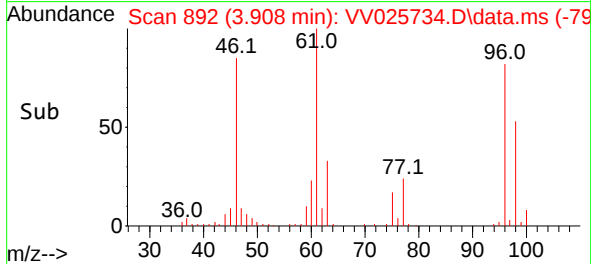
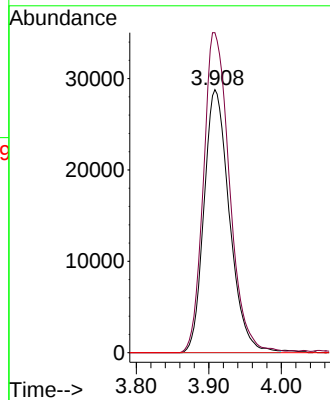
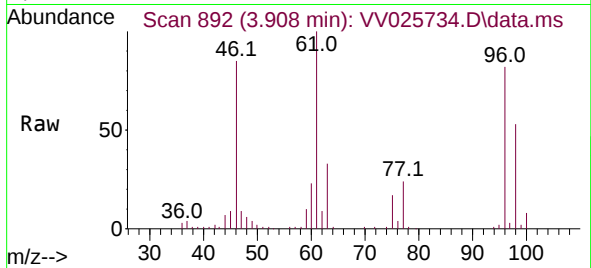
Tgt Ion: 96 Resp: 70273

Ion Ratio Lower Upper

96 100

61 121.6 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.870 ug/L

RT: 4.246 min Scan# 997

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Tgt Ion:128 Resp: 29010

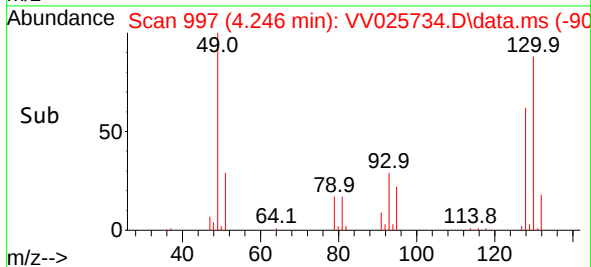
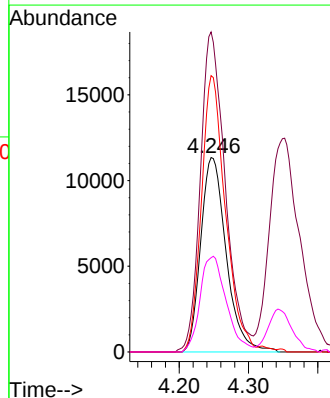
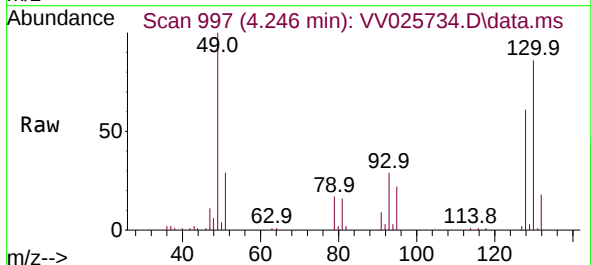
Ion Ratio Lower Upper

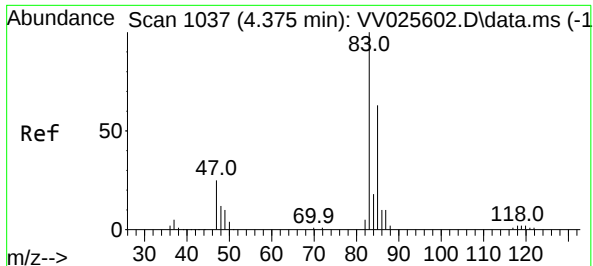
128 100

49 164.7 100.5 186.7

130 142.2 87.8 163.0

51 48.5 35.1 52.7





#25

Chloroform

Concen: 5.657 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

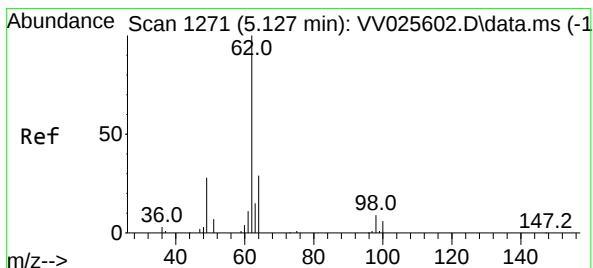
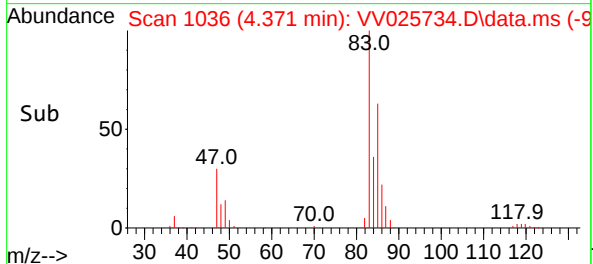
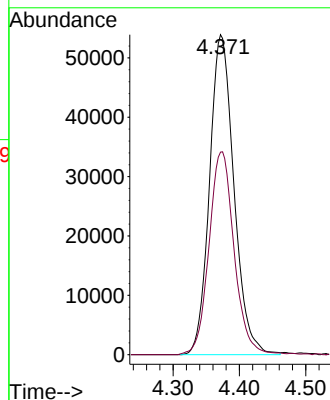
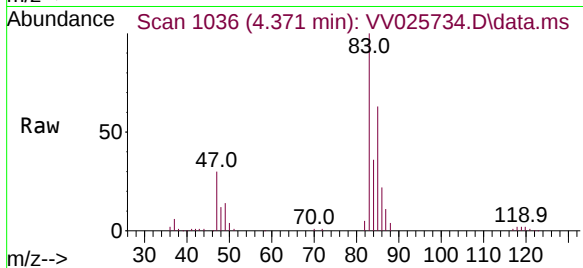
VSTD005396

Tgt Ion: 83 Resp: 137855

Ion Ratio Lower Upper

83 100

85 63.3 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.494 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025734.D

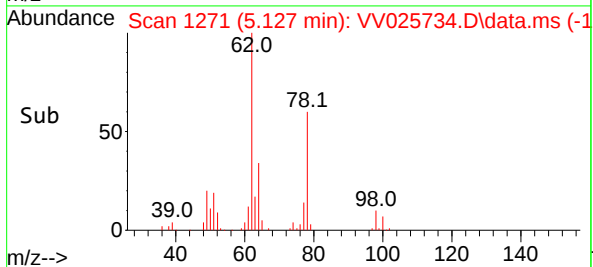
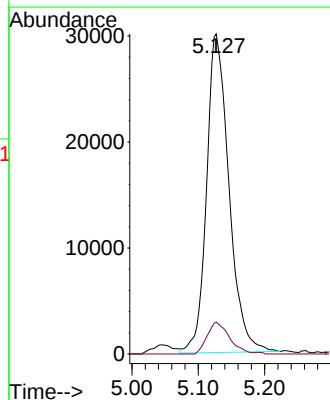
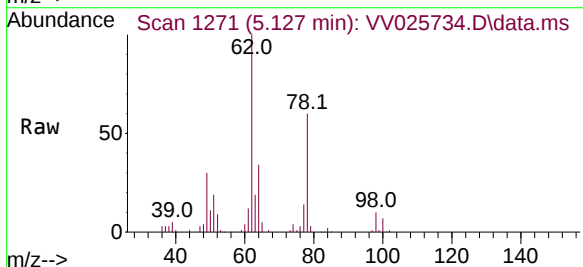
Acq: 29 Apr 2022 09:24

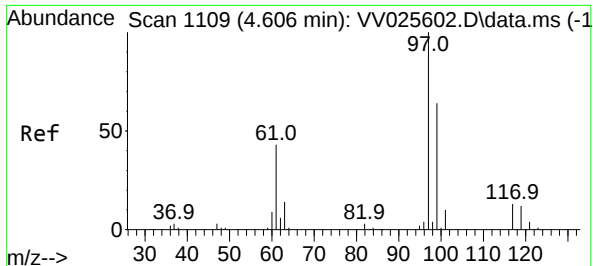
Tgt Ion: 62 Resp: 70637

Ion Ratio Lower Upper

62 100

98 10.0 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.203 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005396

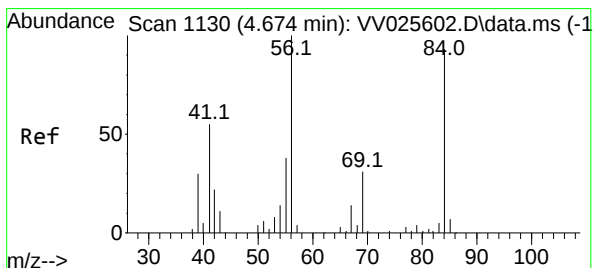
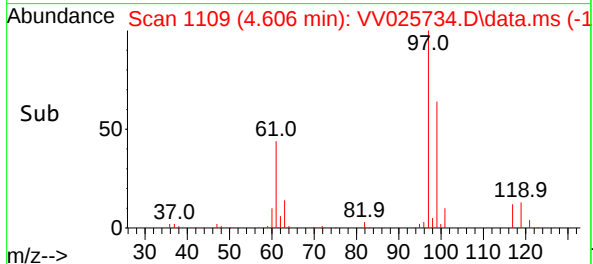
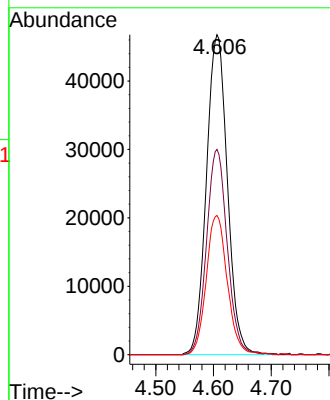
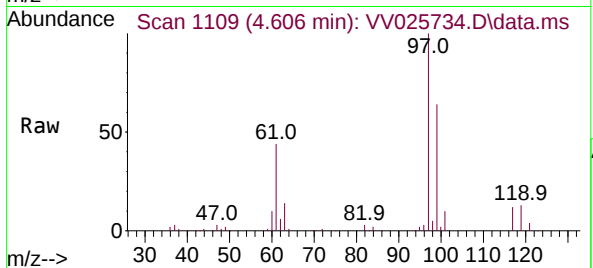
Tgt Ion: 97 Resp: 118185

Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 43.7 34.3 51.5



#30

Cyclohexane

Concen: 4.107 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

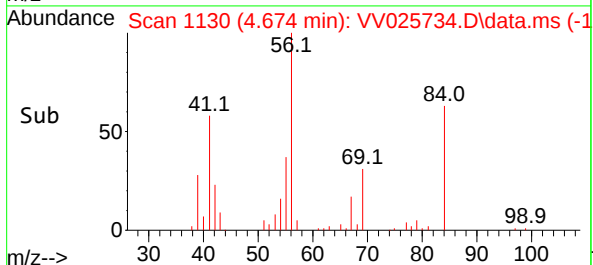
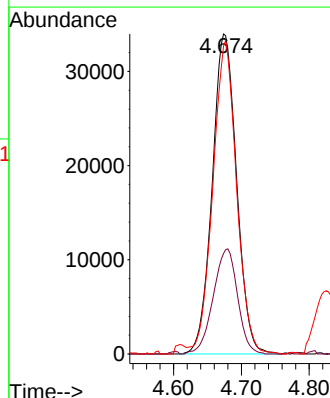
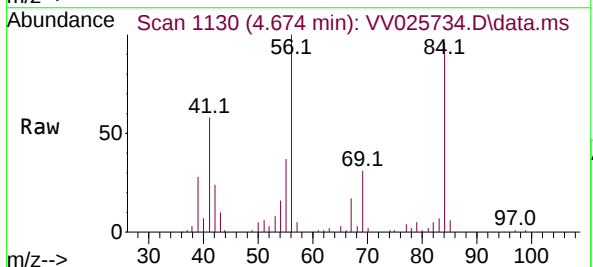
Tgt Ion: 56 Resp: 84830

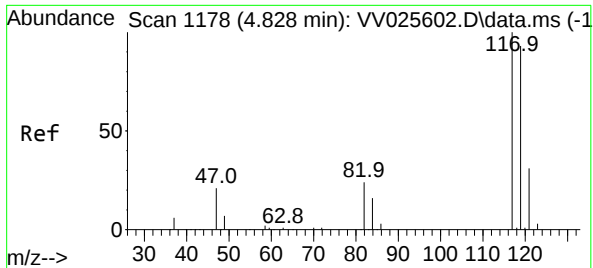
Ion Ratio Lower Upper

56 100

69 32.8 26.1 39.1

84 95.2 78.6 118.0

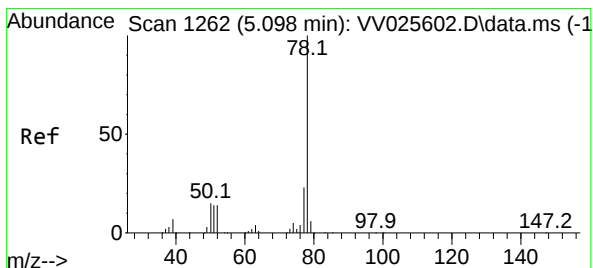
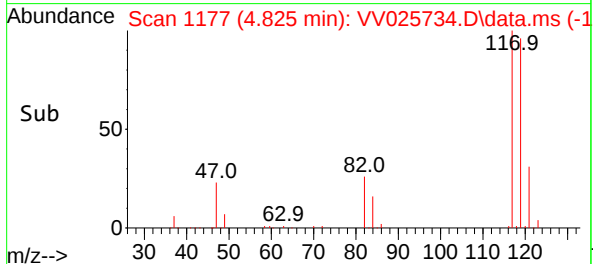
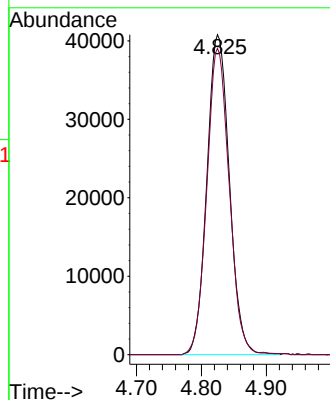
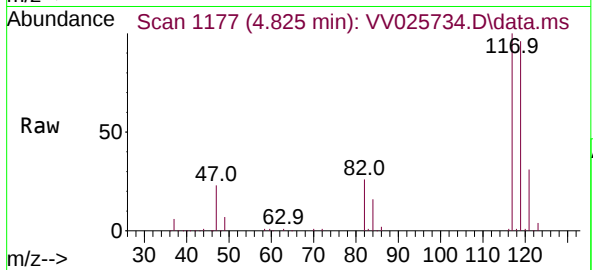




#31
Carbon tetrachloride
Concen: 5.118 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

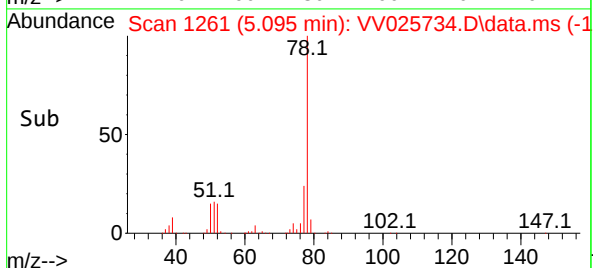
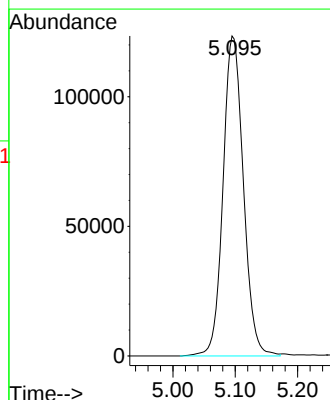
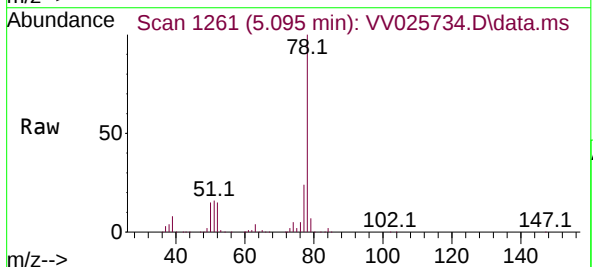
Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

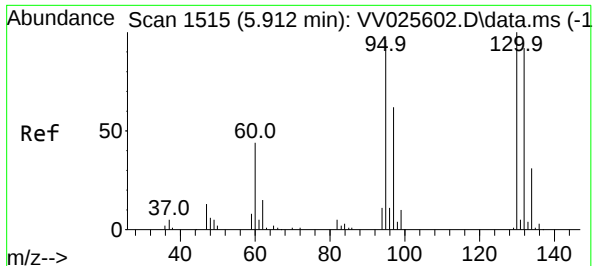
Tgt Ion:117 Resp: 98314
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8



#33
Benzene
Concen: 4.914 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion: 78 Resp: 279546



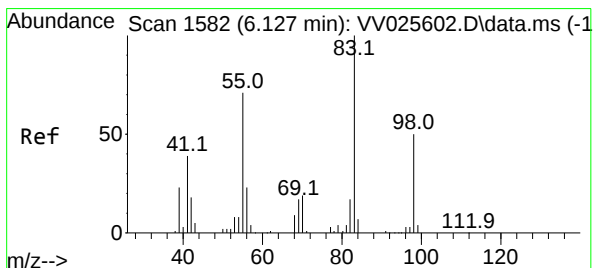
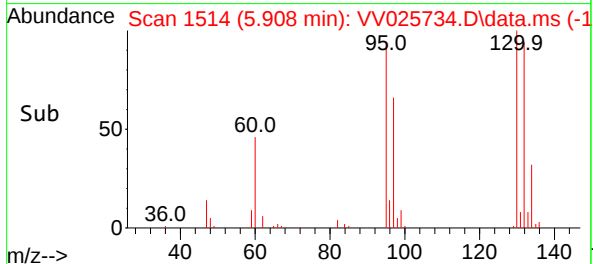
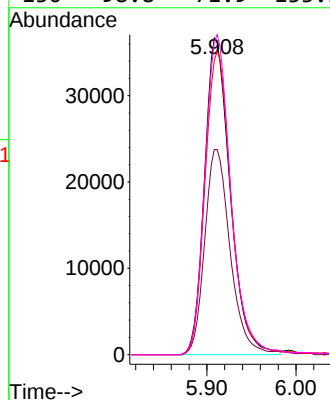
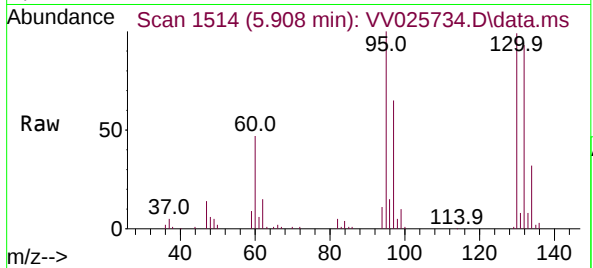


#34
Trichloroethene
Concen: 4.858 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

Tgt Ion: 95 Resp: 73385

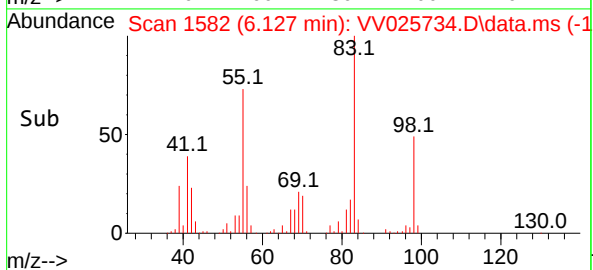
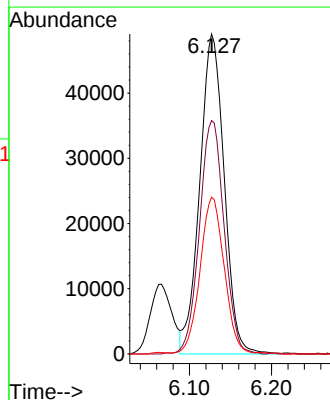
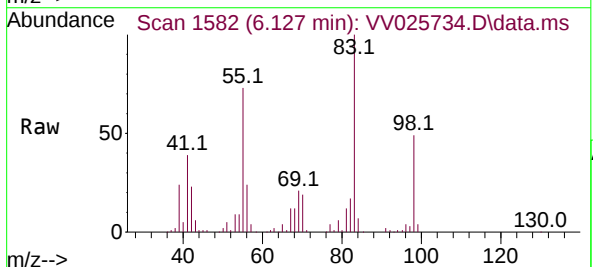
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.8	85.2
132	92.8	68.0	126.4
130	98.8	71.9	133.5

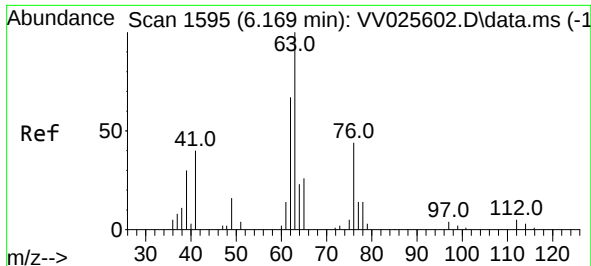


#35
Methylcyclohexane
Concen: 4.213 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion: 83 Resp: 101545

Ion	Ratio	Lower	Upper
83	100		
55	73.6	53.7	80.5
98	47.5	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.259 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

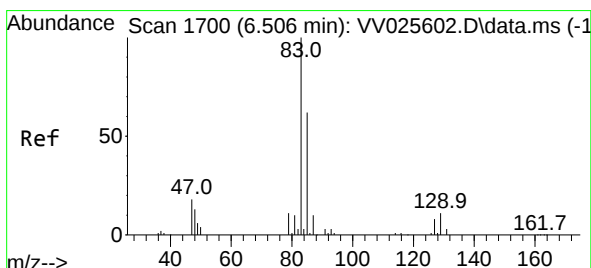
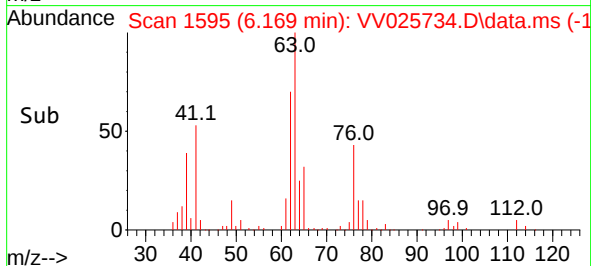
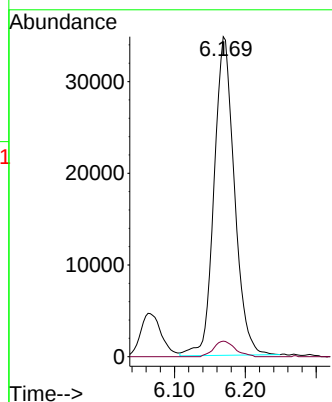
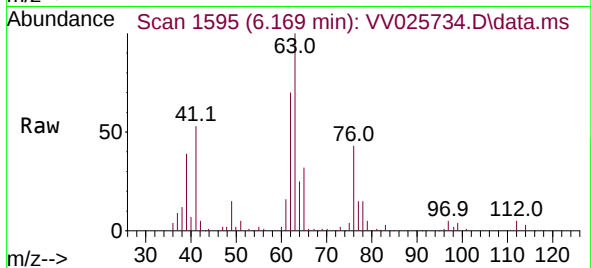
VSTD005396

Tgt Ion: 63 Resp: 69219

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 5.540 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

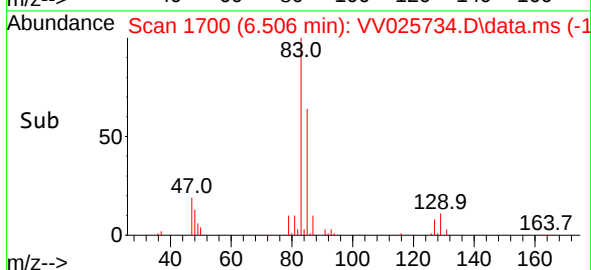
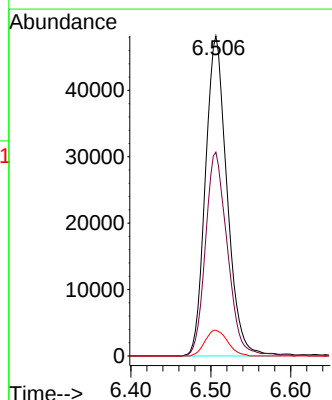
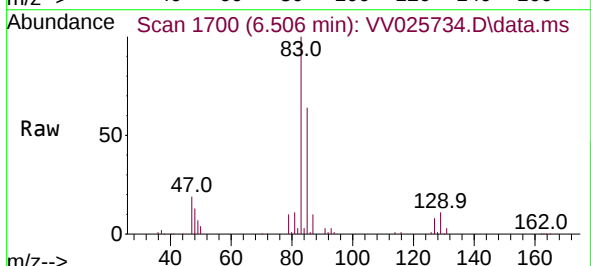
Tgt Ion: 83 Resp: 90525

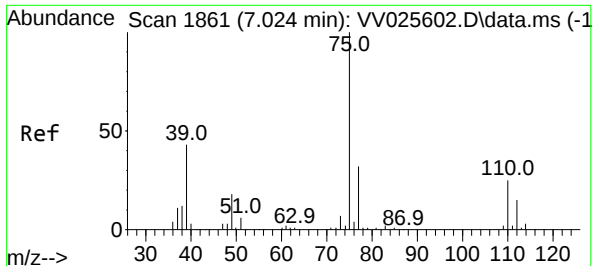
Ion Ratio Lower Upper

83 100

85 63.7 44.4 82.4

127 8.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.057 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

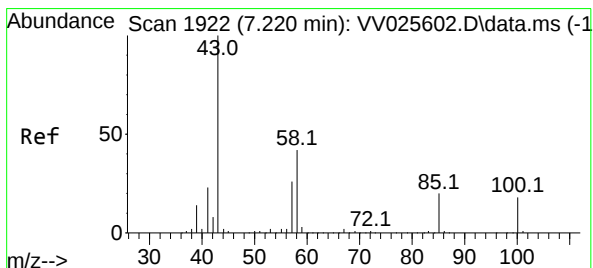
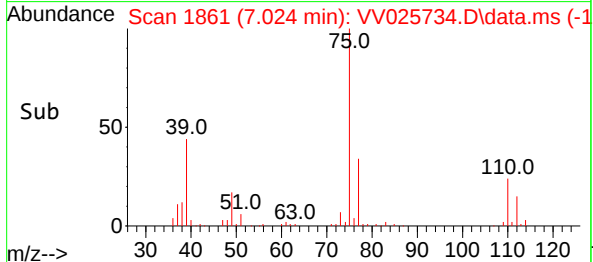
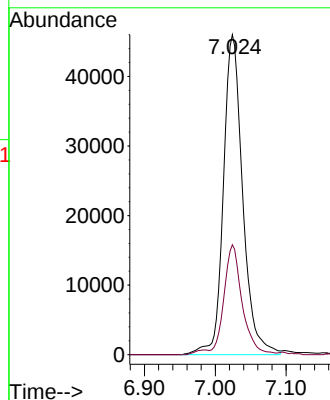
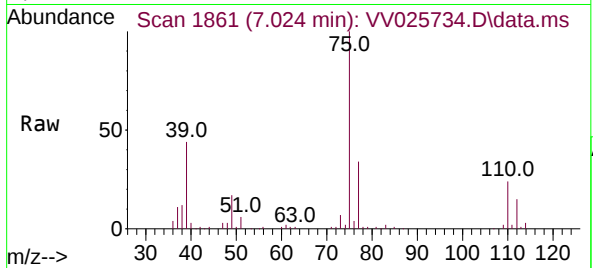
VSTD005396

Tgt Ion: 75 Resp: 87219

Ion Ratio Lower Upper

75 100

77 34.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 57.216 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

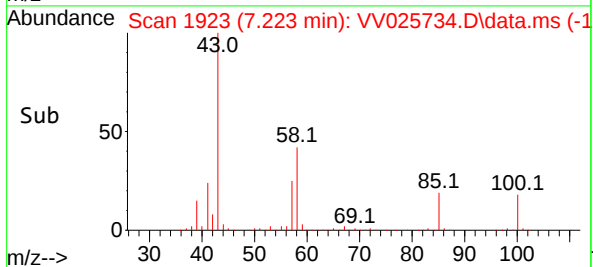
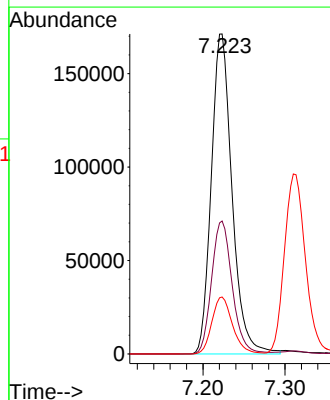
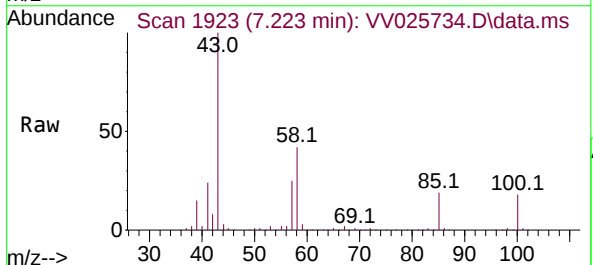
Tgt Ion: 43 Resp: 301528

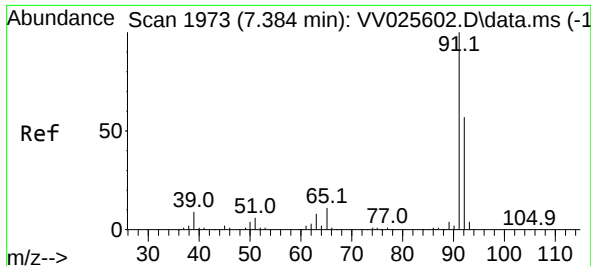
Ion Ratio Lower Upper

43 100

58 41.3 35.1 52.7

100 17.7 15.3 22.9





#42

Toluene

Concen: 4.983 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

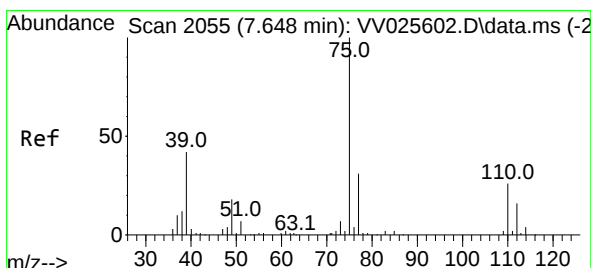
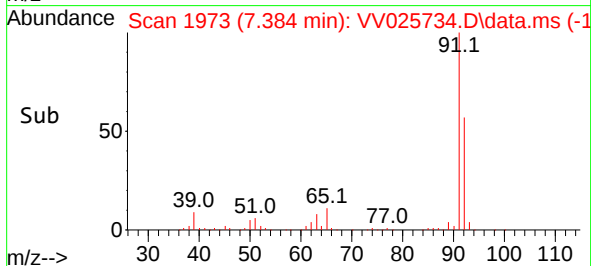
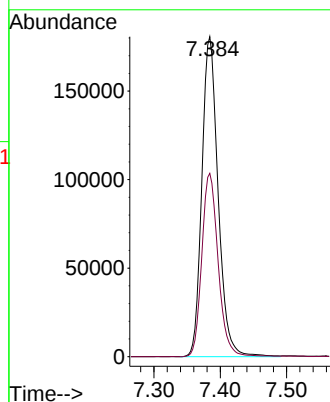
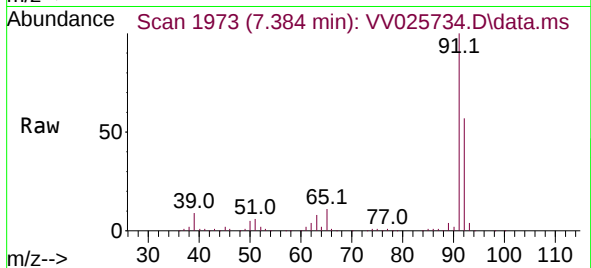
VSTD005396

Tgt Ion: 91 Resp: 308401

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.341 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025734.D

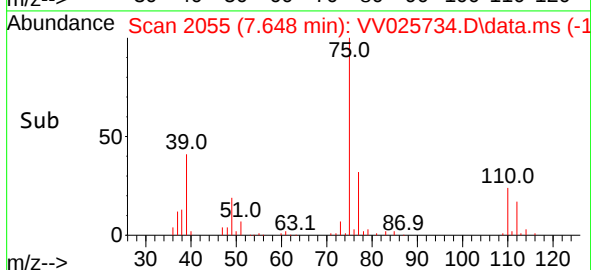
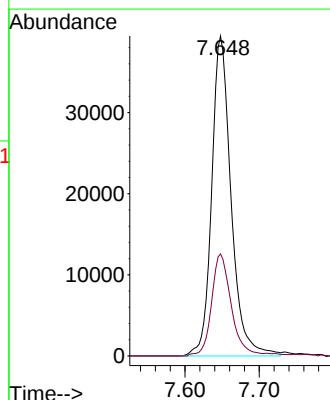
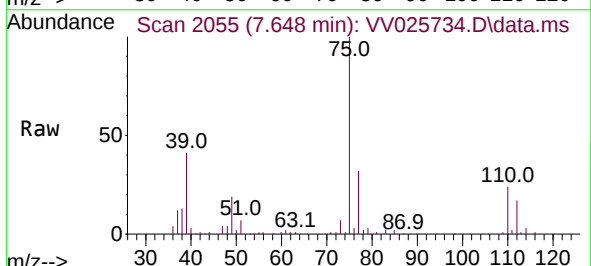
Acq: 29 Apr 2022 09:24

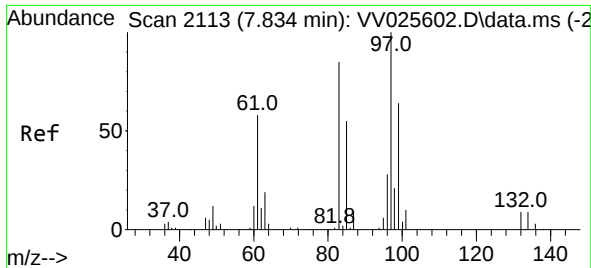
Tgt Ion: 75 Resp: 71577

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3

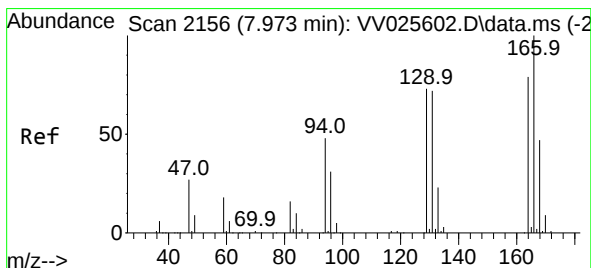
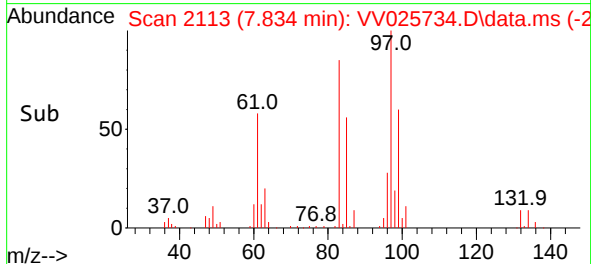
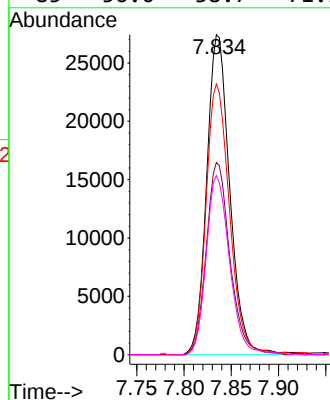
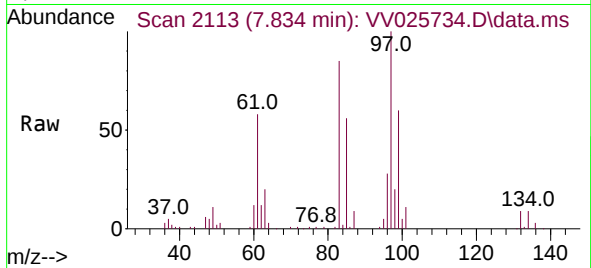




#45
1,1,2-Trichloroethane
Concen: 5.267 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

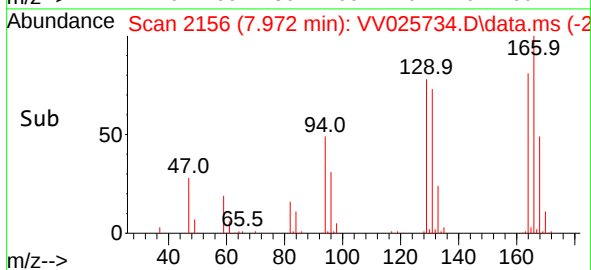
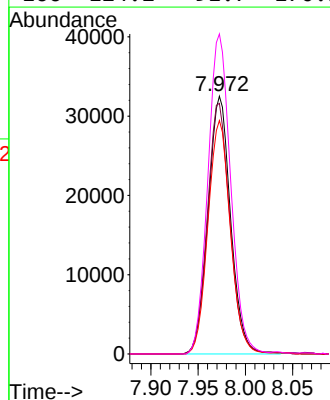
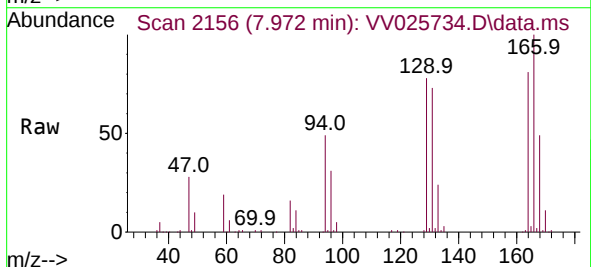
Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

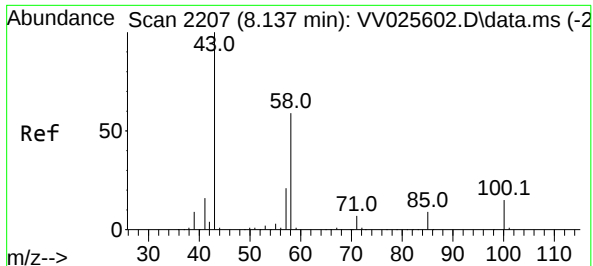
Tgt Ion: 97	Resp: 46420
Ion Ratio	Lower Upper
97 100	
99 60.0	43.8 81.4
83 84.6	60.3 112.1
85 56.0	38.7 71.9



#47
Tetrachloroethene
Concen: 4.555 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt	Ion:164	Resp:	53868
Ion	Ratio	Lower	Upper
164	100		
129	97.2	66.8	124.2
131	90.6	66.4	123.4
166	124.2	91.7	170.3



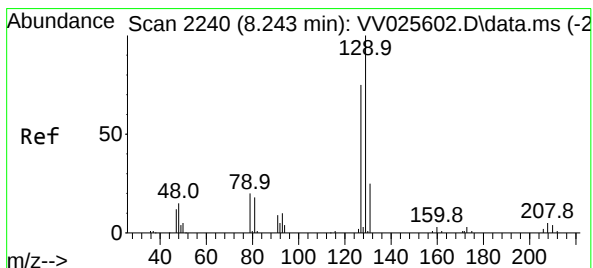
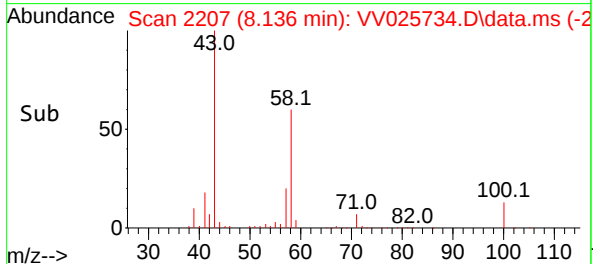
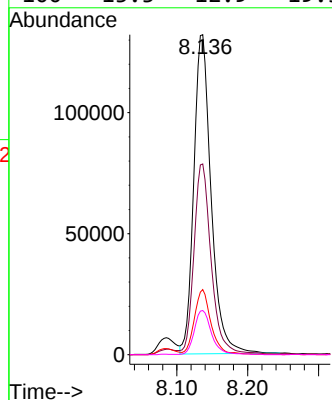
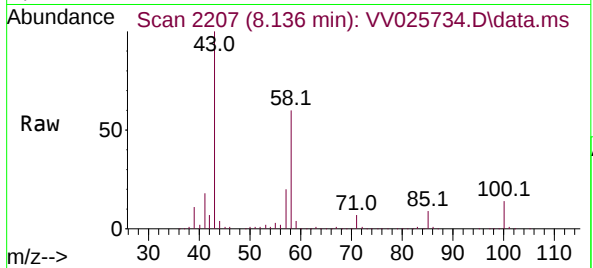


#48
2-Hexanone
Concen: 61.162 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

Tgt Ion: 43 Resp: 224626

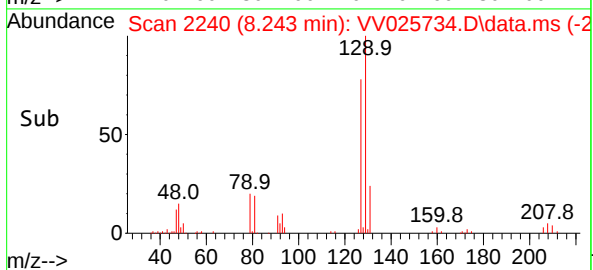
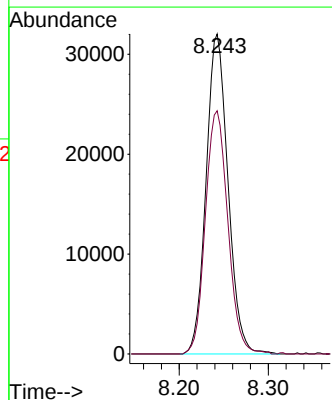
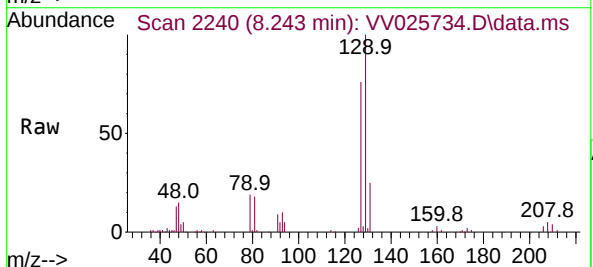
Ion	Ratio	Lower	Upper
43	100		
58	58.9	49.7	74.5
57	19.4	16.4	24.6
100	13.3	12.9	19.3

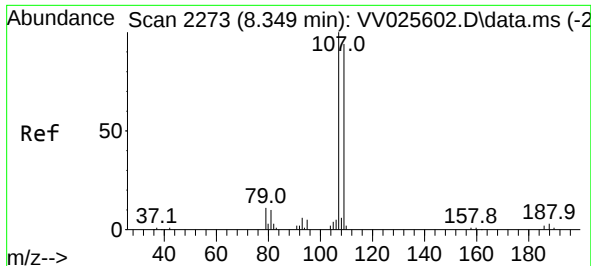


#49
Dibromochloromethane
Concen: 5.646 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion: 129 Resp: 54631

Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.916 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005396

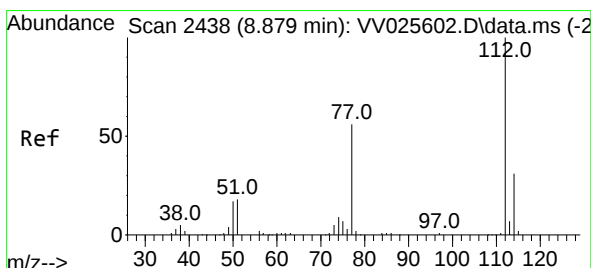
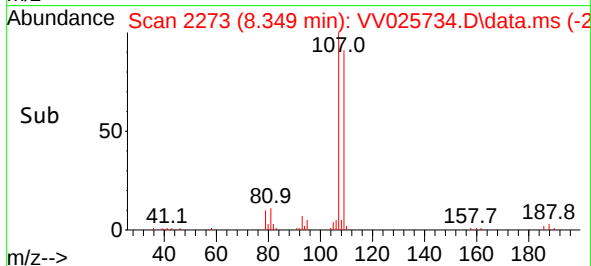
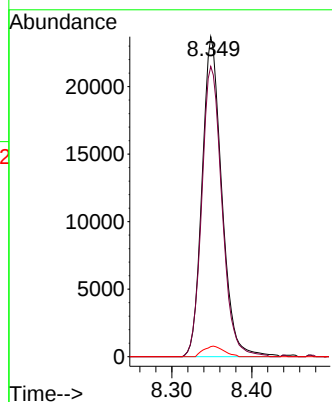
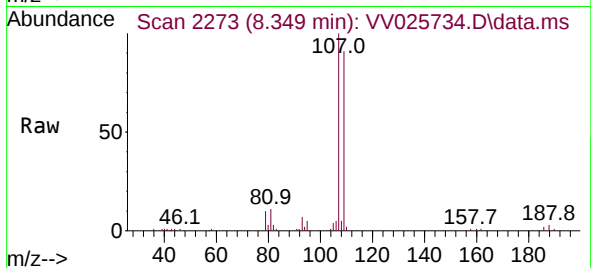
Tgt Ion:107 Resp: 40703

Ion Ratio Lower Upper

107 100

109 90.7 65.9 122.3

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 4.917 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

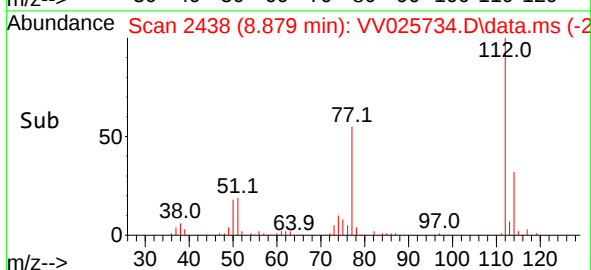
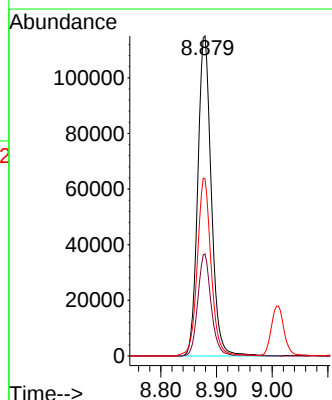
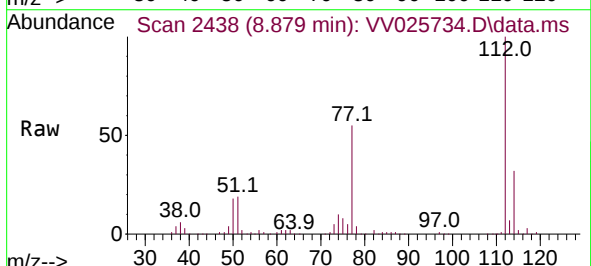
Tgt Ion:112 Resp: 194284

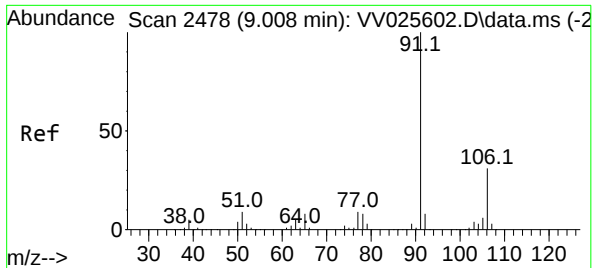
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 55.3 43.7 65.5

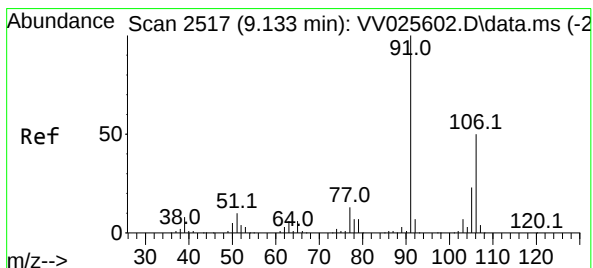
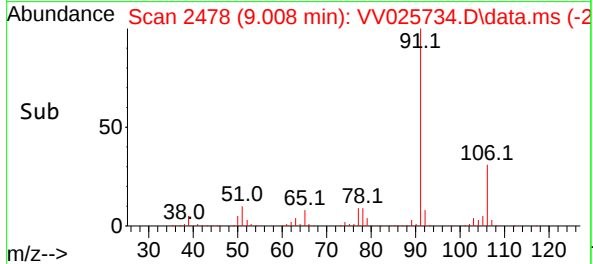
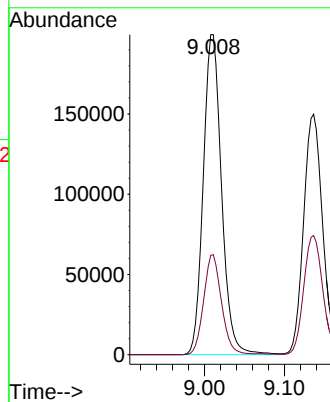
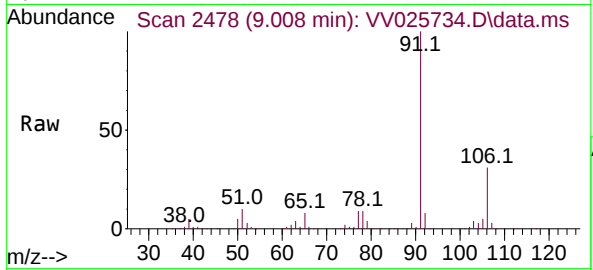




#52
Ethylbenzene
Concen: 4.815 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

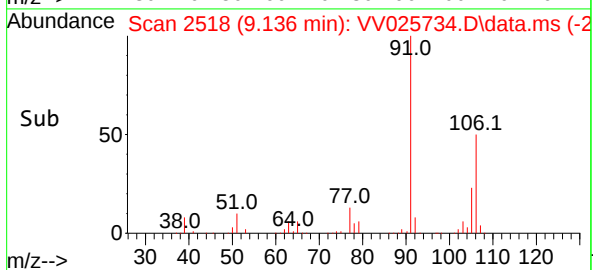
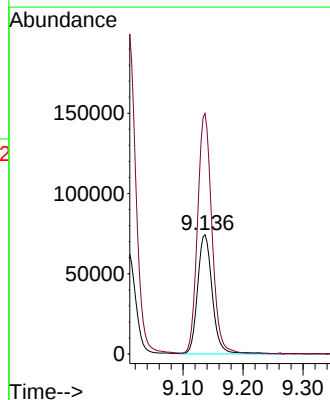
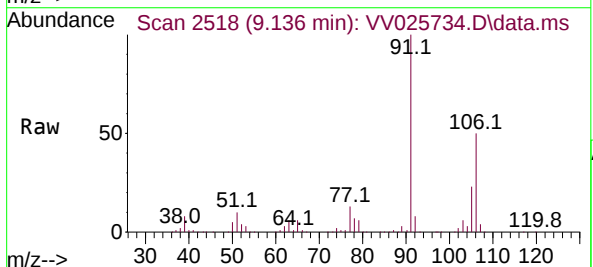
Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

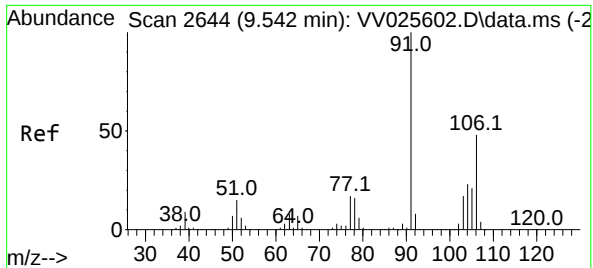
Tgt Ion: 91 Resp: 317813
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 5.032 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion: 106 Resp: 126291
Ion Ratio Lower Upper
106 100
91 201.7 136.4 253.4

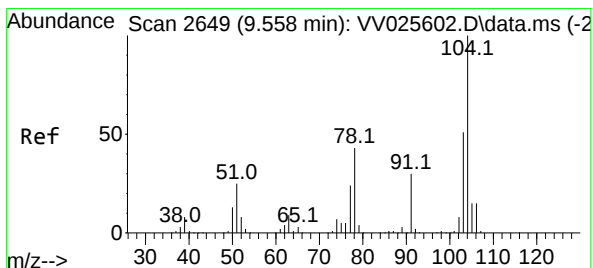
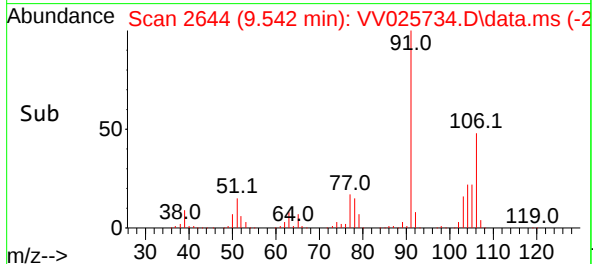
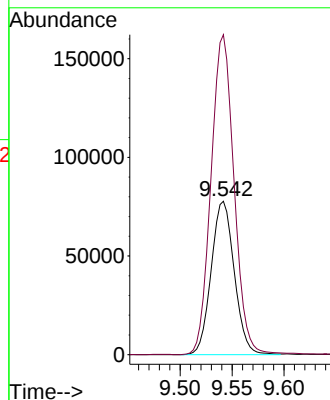
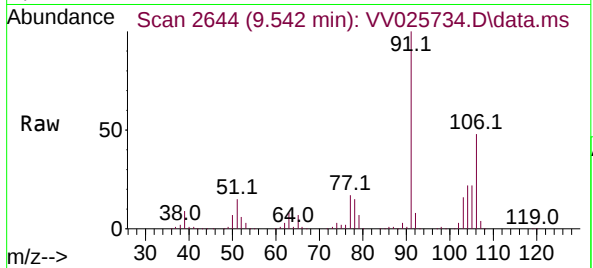




#54
o-Xylene
Concen: 4.928 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

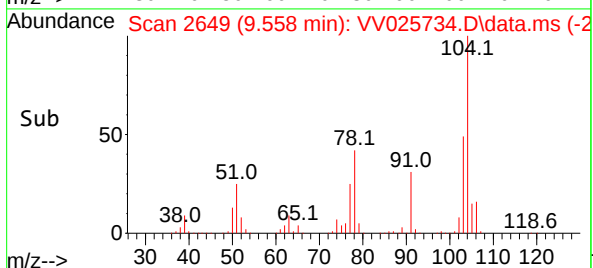
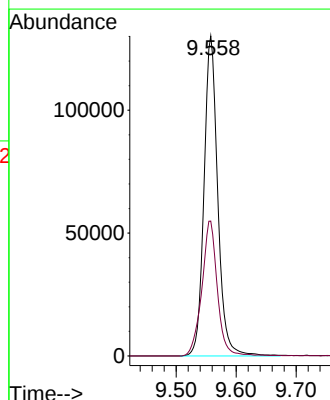
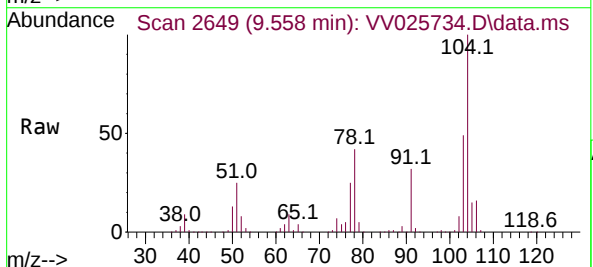
Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

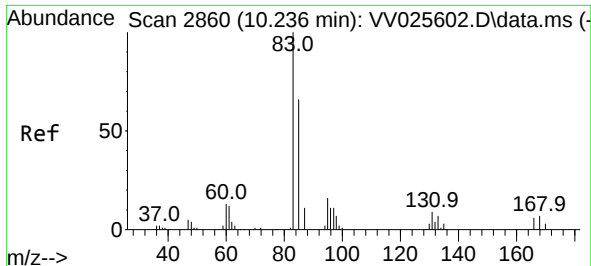
Tgt Ion:106 Resp: 120120
Ion Ratio Lower Upper
106 100
91 208.6 150.4 279.2



#55
Styrene
Concen: 5.254 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion:104 Resp: 208229
Ion Ratio Lower Upper
104 100
78 42.2 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.040 ug/L

RT: 10.236 min Scan# 2860

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005396

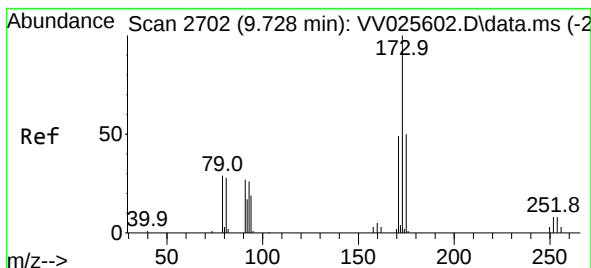
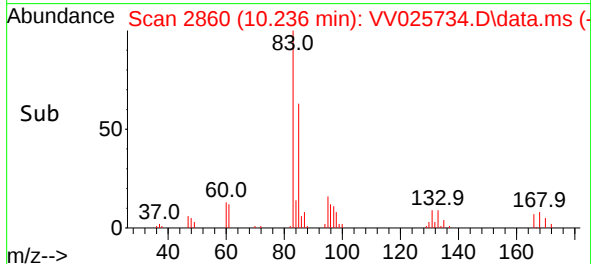
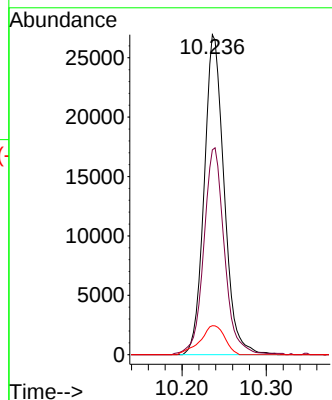
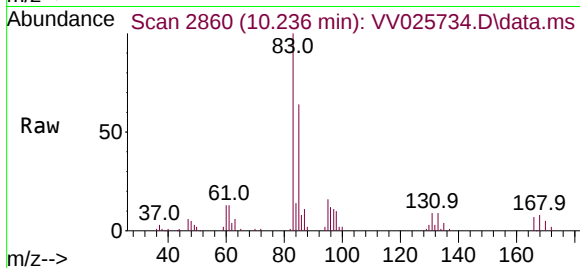
Tgt Ion: 83 Resp: 44384

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.9

131 9.1 7.9 11.9



#59

Bromoform

Concen: 5.478 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

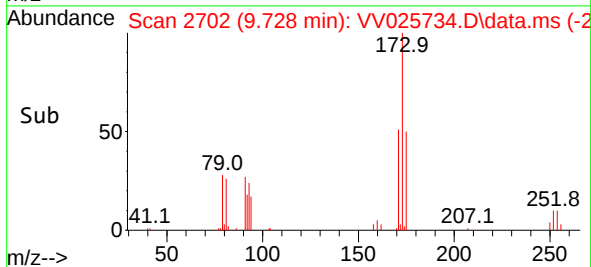
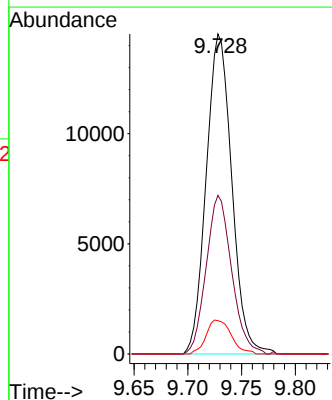
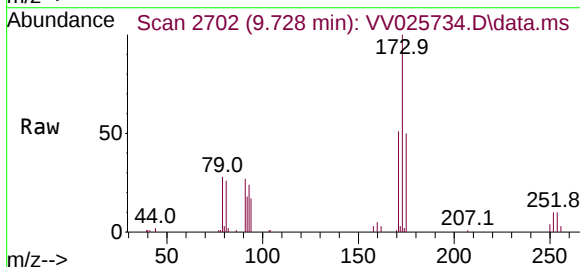
Tgt Ion: 173 Resp: 24014

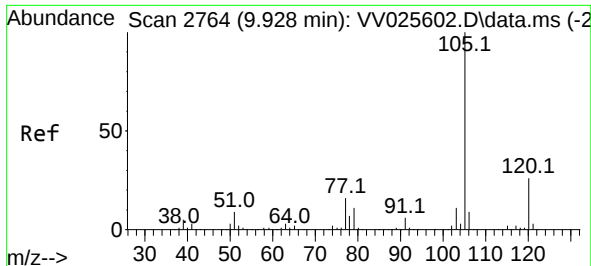
Ion Ratio Lower Upper

173 100

175 49.3 40.8 61.2

254 10.4 7.0 10.6

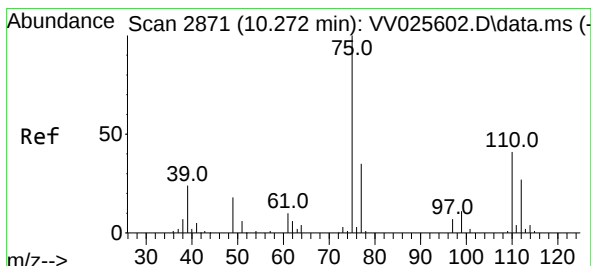
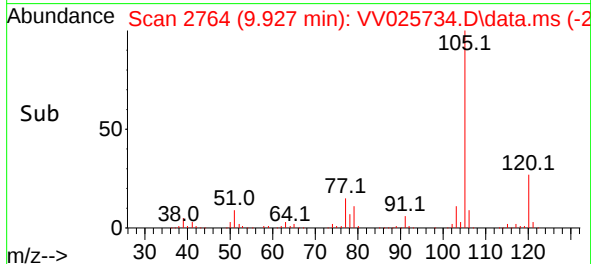
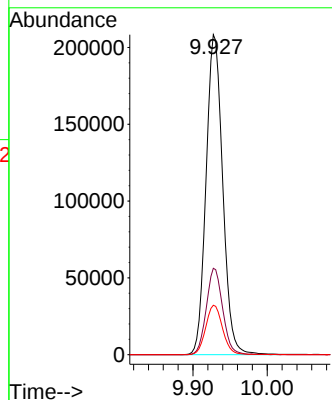
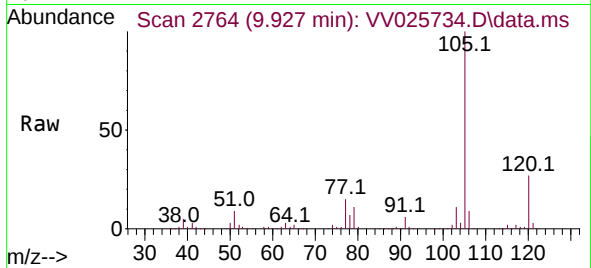




#60
Isopropylbenzene
Concen: 4.928 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

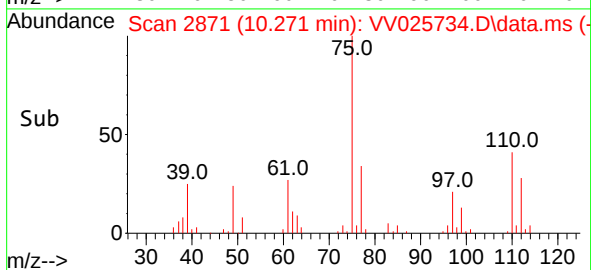
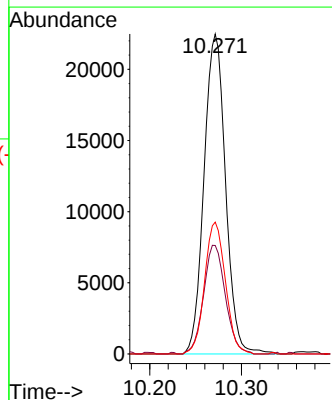
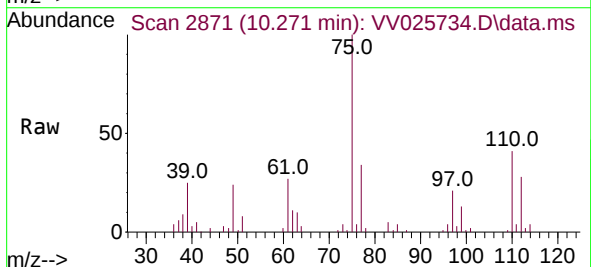
Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

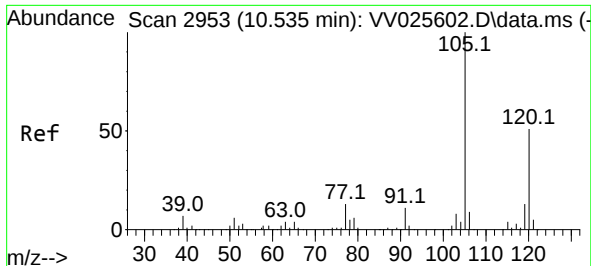
Tgt Ion:105 Resp: 323929
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 15.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.239 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion: 75 Resp: 36643
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4
110 39.8 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.567 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

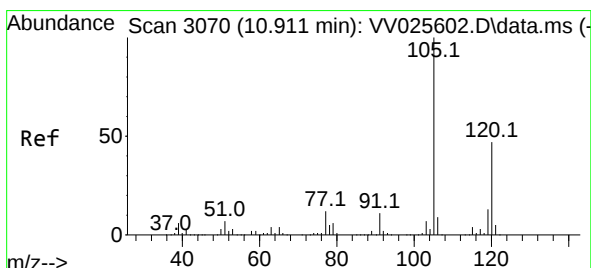
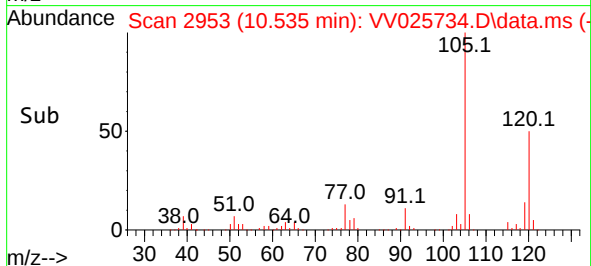
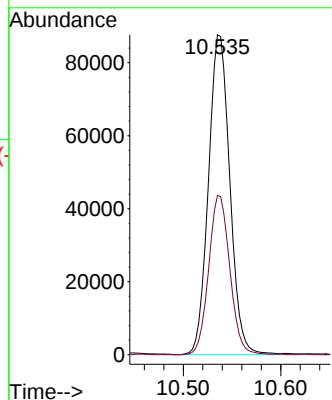
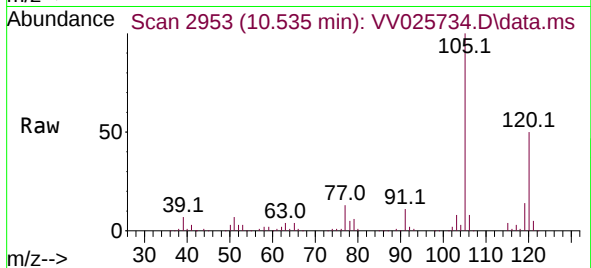
VSTD005396

Tgt Ion:105 Resp: 133873

Ion Ratio Lower Upper

105 100

120 49.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.784 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025734.D

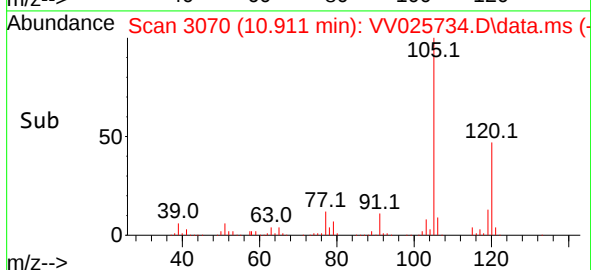
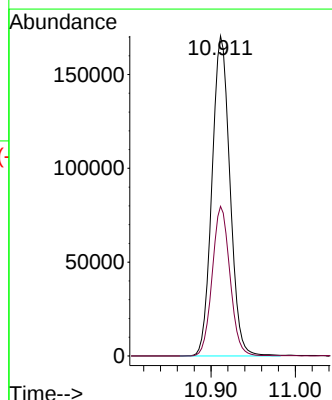
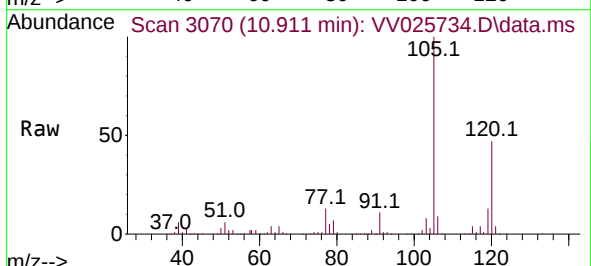
Acq: 29 Apr 2022 09:24

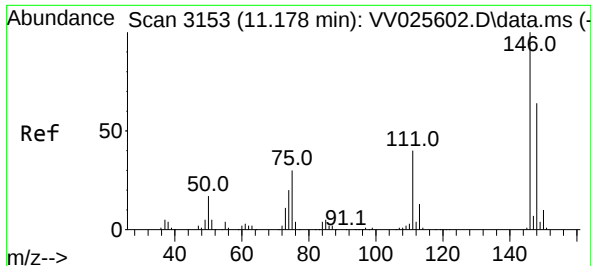
Tgt Ion:105 Resp: 252664

Ion Ratio Lower Upper

105 100

120 46.2 36.6 55.0

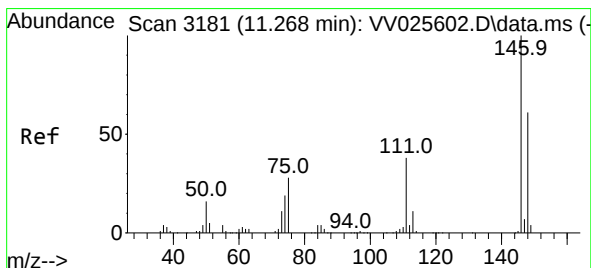
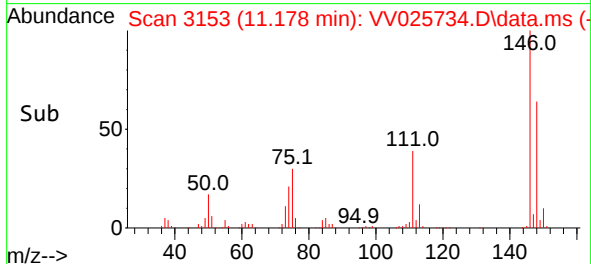
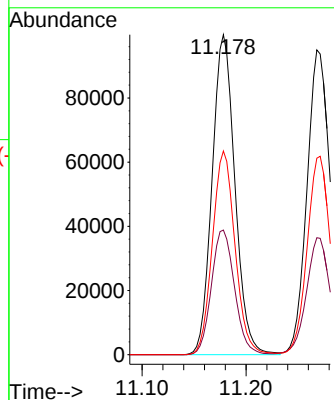
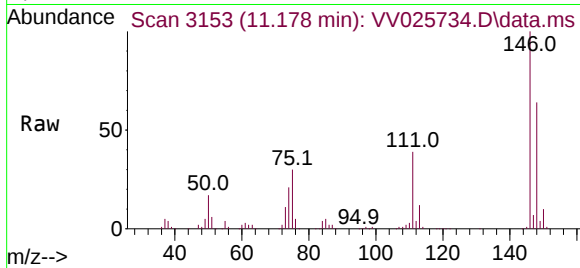




#64
1,3-Dichlorobenzene
Concen: 4.956 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

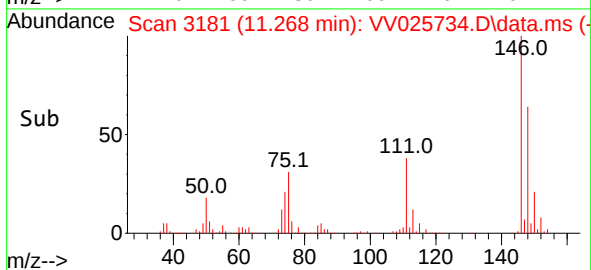
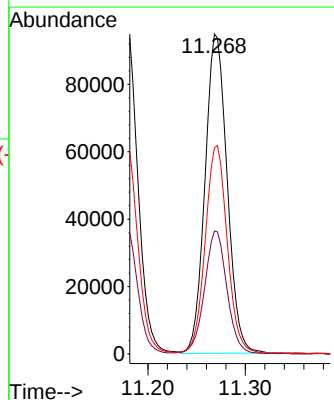
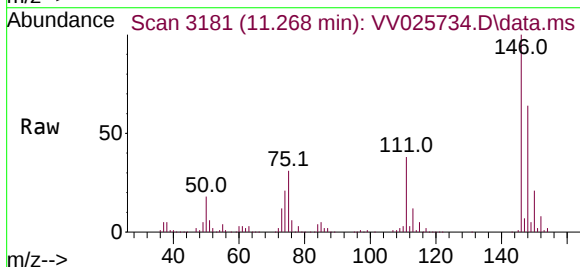
Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

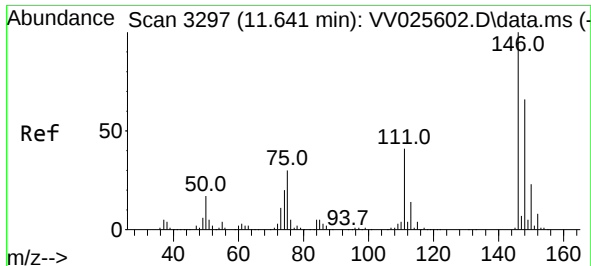
Tgt Ion:146 Resp: 152083
Ion Ratio Lower Upper
146 100
111 39.0 27.4 50.8
148 63.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.807 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

Tgt Ion:146 Resp: 149715
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 64.5 42.8 79.6

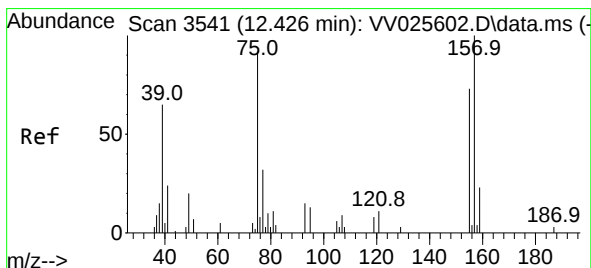
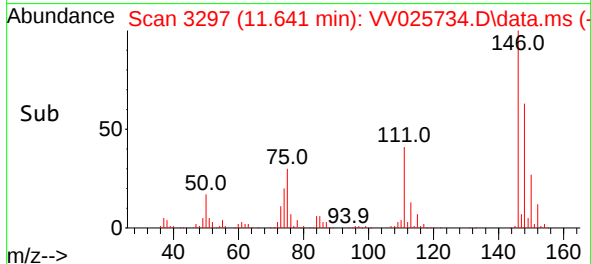
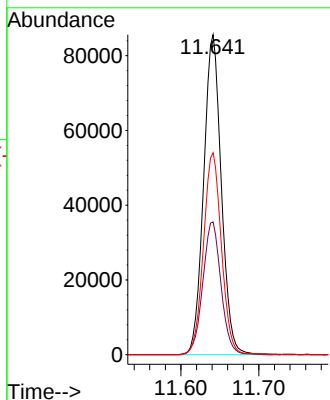
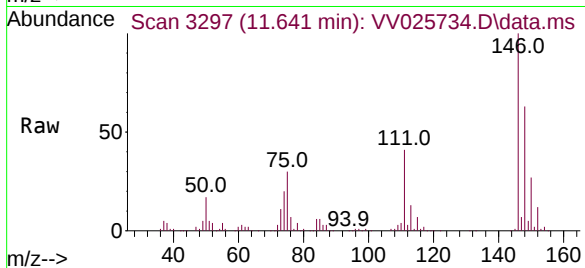




#67
1,2-Dichlorobenzene
Concen: 4.969 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

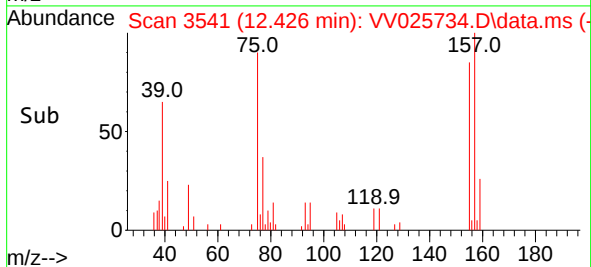
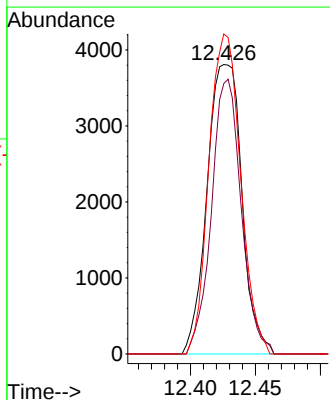
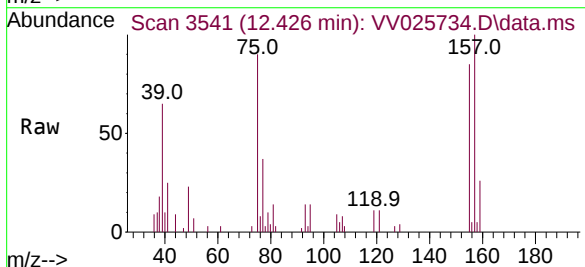
Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

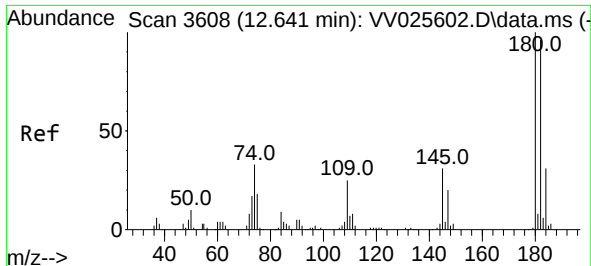
Tgt Ion:146 Resp: 135041
Ion Ratio Lower Upper
146 100
111 41.5 33.6 50.4
148 63.1 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.857 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025734.D
Acq: 29 Apr 2022 09:24

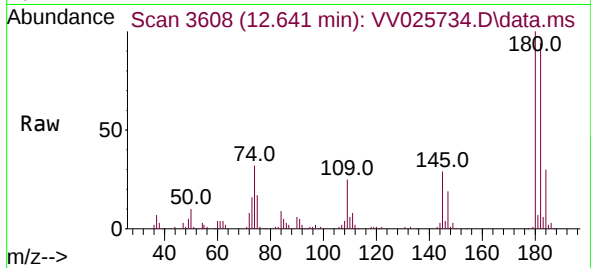
Tgt Ion: 75 Resp: 7083
Ion Ratio Lower Upper
75 100
155 93.4 65.8 98.8
157 110.5 86.6 130.0



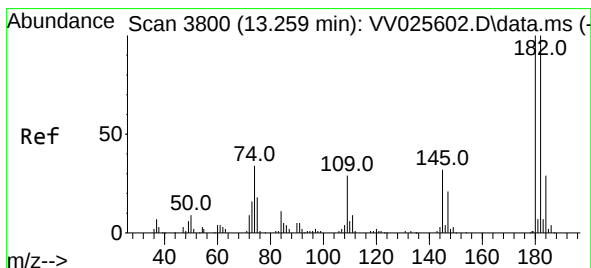
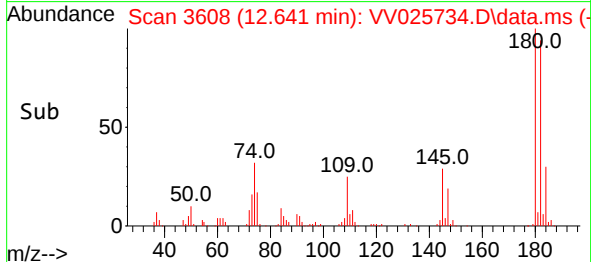
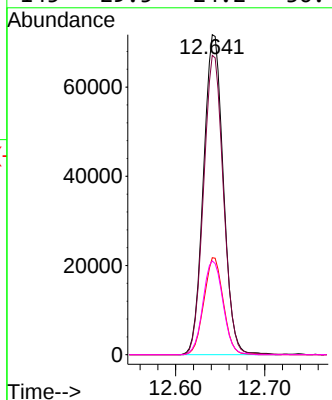


#69
 1,3,5-Trichlorobenzene
 Concen: 4.750 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV025734.D
 Acq: 29 Apr 2022 09:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005396

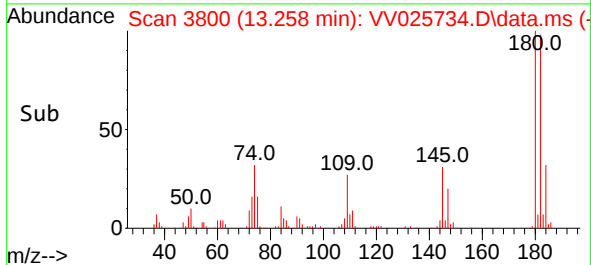
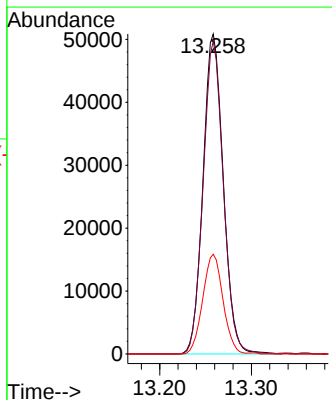
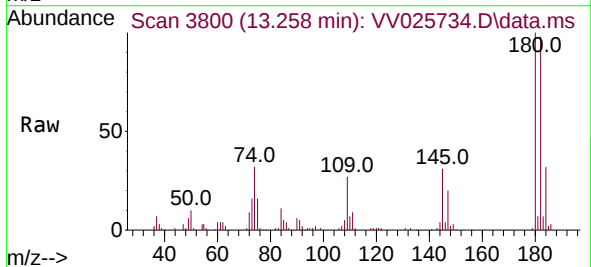


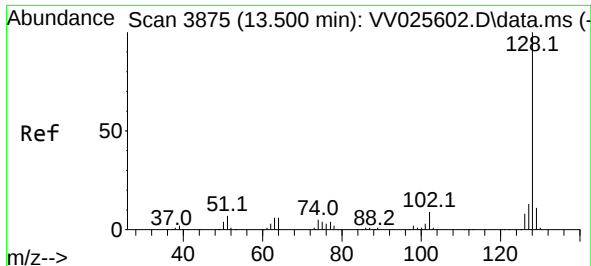
Tgt Ion:180 Resp: 110900
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.3 112.9
 184 29.5 23.4 35.2
 145 29.5 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.350 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025734.D
 Acq: 29 Apr 2022 09:24

Tgt Ion:180 Resp: 78280
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.6 114.8
 145 31.0 24.6 36.8





#71
Naphthalene

Concen: 4.183 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005396

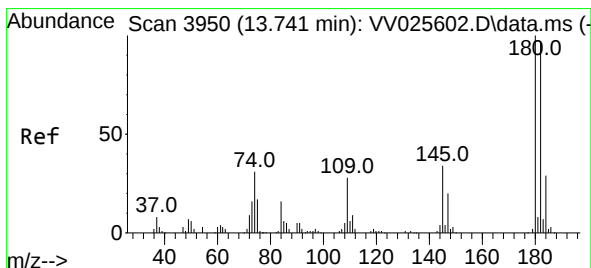
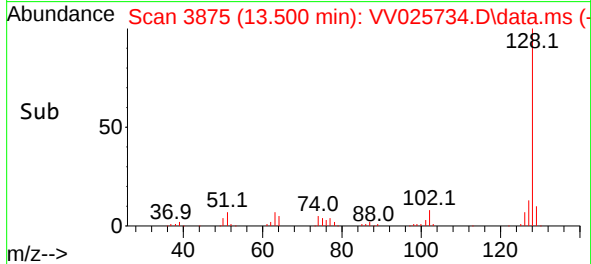
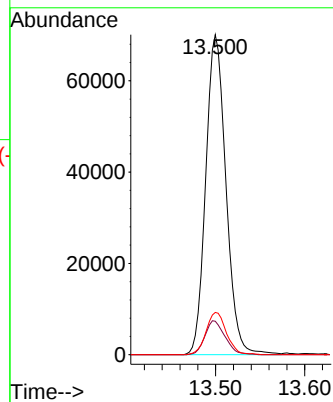
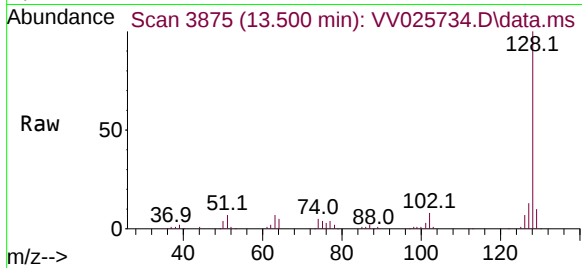
Tgt Ion:128 Resp: 110438

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.512 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025734.D

Acq: 29 Apr 2022 09:24

Tgt Ion:180 Resp: 67239

Ion Ratio Lower Upper

180 100

182 95.0 77.7 116.5

145 33.3 27.4 41.2

